

PCR and Sanger sequencing of three retroposed loci.

This file consists of primer information, schematic figures marking the position of primers and Sanger sequences. *CG10212_r* and *CG14796_r* were sequenced from both 5' and 3' ends. In case of *CG4799_CG11924_r*, the primers flank the junction of the two segments derived from two parental genes, respectively.

PCR primers and expected band size

Gene ID	Line	Primers (5'-3')	Length ² (bp)	Note
<i>CG10212</i>	307	P1_L AAGCCACAACGTTTTAGTCG	490	5' LTR retrotransposon and retrocopy
		P1_R GTCTTGACCCTTTCCTCAT		
<i>CG10212</i>	307	P2_L AAGCCCTTGAGGCAAAGTAT	533	3' LTR retrotransposon and retrocopy
		P2_R AGCCTTCAGCCTTACTCCAT		
<i>CG14796</i>	765	P3_L ACACGCTTCTCAGCAAGTTC	620	5' LTR retrotransposon and retrocopy
		P3_R AGAACTTTCCGTGGCTTTTT		
<i>CG14796</i>	765	P4_L GTCGACTCAAAAGCCAAAAA	541	3' LTR retrotransposon and retrocopy
		P4_R CTCAATCTTAGCGAGAAGCG		
<i>CG4799_CG11924</i>	712	P5_L CAGTTTCACCGACACATTCA	625	chimeric retrocopy
		P5_R GCTTCGCCTGTGTGTATCTT		

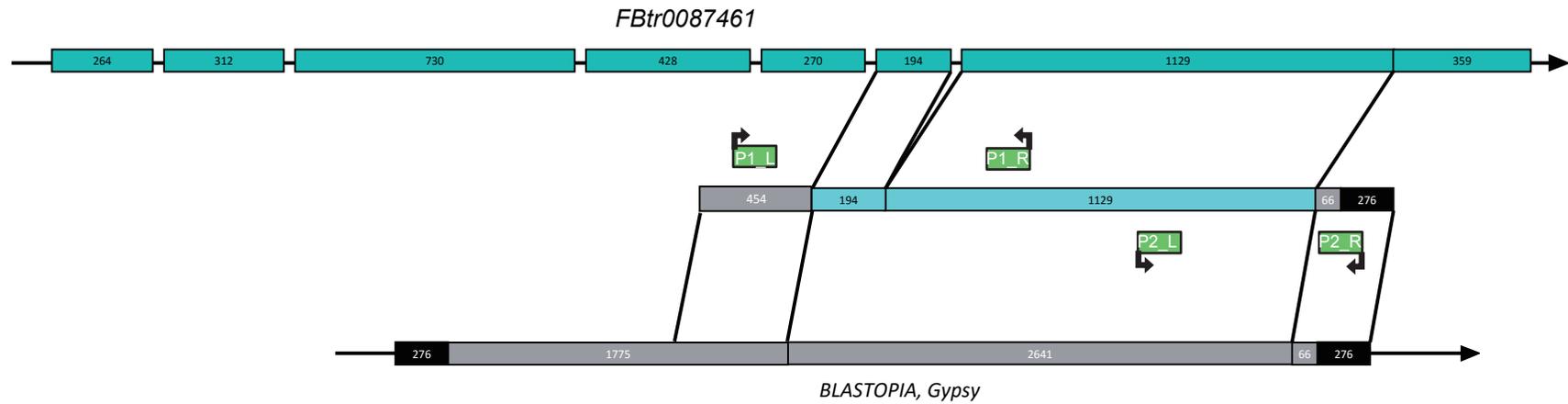
¹ Primers used for sequencing.

² Expected size of PCR product.

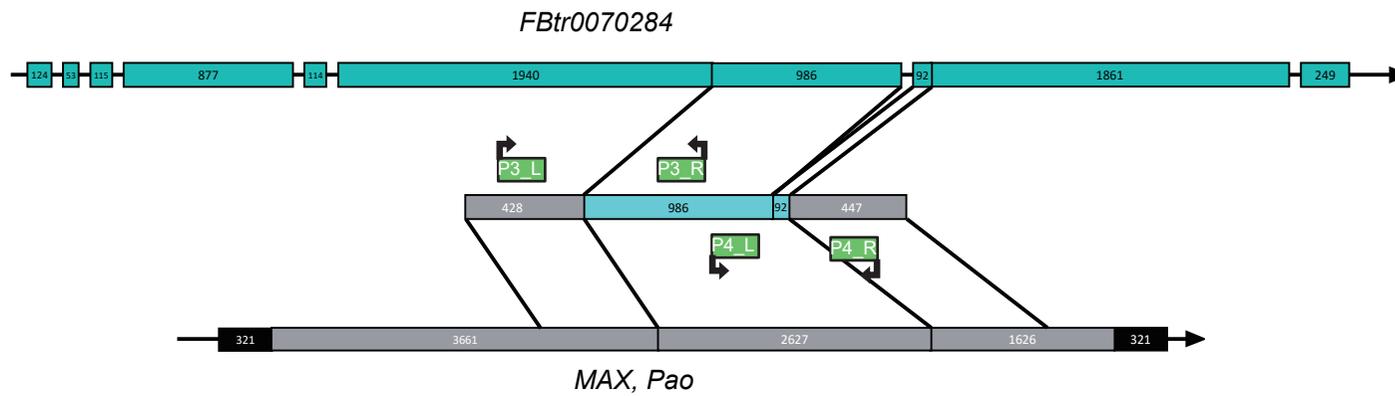
Schematic show of PCR design

The figure convention follows Supplemental Dataset 1.

CG10212_307 (sequence)



CG14796_765 (sequence)



CG4799_CG11924_208 (sequence)

FBtr0089647

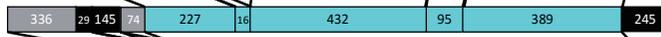


FBtr0079937



P5 L

P5 R



BATUMI, Pao

Sequence alignment

Sanger sequence is aligned to the *de novo* assembled retroposed locus.

Some regions are color-coded as follows:

LTR retrotransposon flanking retrocopy

Microsimilarity shared by LTR retrotransposon and retrocopy, or shared by two parental copies in case of chimeric retrocopies

Retrocopy

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>CG10212_assembled      CACAGCCGATTGGATGCTTCAGAGCATTAATCAAGACCGACCAGGTGGAA
>CG10212_5'_sequenced  -----
>CG10212_3'_sequenced  -----

>CG10212_assembled      GCAAGCCACAACGTTTTAGTCGTCCACGATTCTAAATTCAGTTGCGATGG
>CG10212_5'_sequenced  TCAAGCCACAAAGTTTTAGTCGTCCACGATTCTAAATTCAGTTGCGATGG
>CG10212_3'_sequenced  -----
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>CG10212_assembled      AATAGTGGGACACGATTTTATCAGCAAGTTTCGTCTTATCTGTAGTGCAG
>CG10212_5'_sequenced  AATAGTGGGACACGATTTTATCAGCAAGTTTCGTCTTATCTGTAGTGCAG
>CG10212_3'_sequenced  -----
                        *****

>CG10212_assembled      AAGGCTATACTTTTCTTGACCTGGAAGCAGATAAAAAACAAGCGATCAGC
>CG10212_5'_sequenced  AAGGCTATACTTTTCTTGACCTGGAAGCAGATAAAAAACAAGCGATCAGC
>CG10212_3'_sequenced  -----
                        *****

>CG10212_assembled      TACGACCCCGTATTAATTGTCGTTCTGTGACTTTGGAAGGAGATGTCGT
>CG10212_5'_sequenced  TACGACCCCGTATTAATTGTCGTTCTGTGACTTTGGAAGGAGATGTCGT
>CG10212_3'_sequenced  -----
                        *****

>CG10212_assembled      CGATCCCCATGGCACAGTGTCTGGAGGTGCTGCTCCTAAAGGTGCTAACG
>CG10212_5'_sequenced  CGATCCCCATGGCACAGTGTCTGGAGGTGCTGCTCCTAAAGGTGCTAACG
>CG10212_3'_sequenced  -----
                        *****

>CG10212_assembled      TTCTAGAAGAATTGCACGCAATTAAGCAAATAGAAAAGGAGTACAGGGAG
>CG10212_5'_sequenced  TTCTAGAAGAATTGCACGCAATTAAGCAAATAGAAAAGGAGTACAGGGAG
>CG10212_3'_sequenced  -----
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>CG10212_assembled ATCGACTCTGAGATAGCCCAAGTGGAAAAGCAAATTGCATCCATTGAAAA
>CG10212_5'_sequenced ATCGACTCTGAGATAGCCCAAGTGGAAAAGCAAATTGCATCCATTGAAAA
>CG10212_3'_sequenced -----

>CG10212_assembled CCAGGCCCTCGCGTTCAACAAAAATGAAGGAAAATCTTGACTTGCGACAG
>CG10212_5'_sequenced CCAGGCCCTCGCGTTCAACAAAA-TGAAGGAAAATCTTGACTTGCGACAG
>CG10212_3'_sequenced -----

>CG10212_assembled CACGAGCTAACCATGTGCGAGAACAGTTGGCCCAAACAACCTTTCAACA
>CG10212_5'_sequenced CACGAGCTAACCATGTGCGAGAACAGTTGGCCCAAACAACCTTTCAAAA
>CG10212_3'_sequenced -----

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>CG10212_assembled GAATCAGGCTGAAATTGAAGAAATGAGGGAAAGGTC AAGACCCTAGAGC
>CG10212_5'_sequenced CCA-----
>CG10212_3'_sequenced -----

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>CG10212_assembled AGCAAATAATTGACTCCCGTGAAAAGCAGAAGACCTCGCAAGCCAAAATA
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced -----

>CG10212_assembled GTGGATATCGAGGCGAAGTTGGCAGATGCAAAGGTTATCGCGAGCGAGA
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced -----

>CG10212_assembled GCTGAATGCAGCCACCAACGAGATCAAGGTGACCAAGCAAAGGGCGGAGA
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced -----

>CG10212_assembled AATCTCGTGCGAACTGGAAAAGCGAGAGCAGGAGTTCGAACTCTTCAA
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced -----

>CG10212_assembled TTGGAATTACTGAGCTGCAGAAAAGTATCGAACTGCAAAGAAGCAGCA
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced -----

>CG10212_assembled CCAGGAAATGATTGATAACCTCGAAAAGTTTAAGGCCGAGCTAGACGCTC
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced -----

>CG10212_assembled TGAAAGTAAATAGCTCCAGTGCCGCGTCCGAGGTGACGGAGCTCGAACAG
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced -----

>CG10212_assembled GCGATTAAGGAGCAGAAAGATAAACTGAGAGATCAGAACAAGGAGATGCC
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced -----

>CG10212_assembled AAATCAGTTGGTCAAGAAGGAGAAAAATGTTGAAGGAAAAATCAGGAGATTG
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced -----

>CG10212_assembled AGCTGGAGGTGAAGAAAAAAGAGAACGAACAAAAAAGATCAGTTCGGAT
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced -----

>CG10212_assembled GCCAAAGAGGCAAAGAAACGGATGGAAGCCCTTGAGGCAAAGTATCCGTG
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced -----TCAAGCCCTTTTGGGCAAAGTATCCGTG
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>CG10212_assembled GATTCCGGAGGAGAAGAACTGCTTTGGCATGAAGAATACTCGGTACGATT
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced GATTCCGGAGGAGAAGAACTGCTTTGGCATGAAGAATACTCGGTACGATT

>CG10212_assembled ACAGCAAGGAGGACCCACGAAGCAGGCAACAAGCTGGCAAAGATGCAG
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced ACAGCAAGGAGGACCCACGAAGCAGGCAACAAGCTGGCAAAGATGCAG

>CG10212_assembled GAGAAAAAGGACAAAATGGAACGCACTCTCAACATGAACGCTATCATGGT
>CG10212_5'_sequenced -----
>CG10212_3'_sequenced GAGAAAAAGGACAAAATGGAACGCACTCTCAACATGAACGCTATCATGGT

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>CG10212_assembled      GCCGGATCGCGAGGAAGAGAACTTCAAGGAGACCGAGCGCCGGCGAAACA
>CG10212_5'_sequenced  -----
>CG10212_3'_sequenced  GCTGGATCGCGAGGAAGAGAACTTCAAGGAGACCGAGCGCCGGCGAAACA
** *****

>CG10212_assembled      TTGTGGCGATGGACAAGGAGAAGATTAAGAAAATCATAGTGAAAATGGAC
>CG10212_5'_sequenced  -----
>CG10212_3'_sequenced  TTGTGGCGATGGACAAGGAGAAGATTAAGAAAATCATAGTGAAAATGGAC
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>CG10212_assembled      GAAGAAGAGCAGGATCAGCTGAACAAAGCCGCTACCGAGGTGAACACGAA
>CG10212_5'_sequenced  -----
>CG10212_3'_sequenced  GAAGAAGAGCAGGATCAGCTGAACAAAGCCGCTACCGAGGTGAACACGAA
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>CG10212_assembled      CTCAGTGGCATCTTTAGCTCCCTTTTACCGGGGGCTGAAGCGAAGCTTA
>CG10212_5'_sequenced  -----
>CG10212_3'_sequenced  CTCAGTGGCATCTTTAGCTCCCTTTTACCGGGGGCTGAAGCGAAGCTTA
*****

>CG10212_assembled      ATCCCGTCCATACCAATGGCTGTCTGACCGTTTGGAGATTAAAGTCGGC
>CG10212_5'_sequenced  -----
>CG10212_3'_sequenced  ATCCCGTCCATACCAATGGCTGTCTGACCGTTTGGAGATTAAAGTCGGC
*****

>CG10212_assembled      TTCAATGGCATA TGAAGTACATAGCCGAAAATGCAGACCTATTGTCATC
>CG10212_5'_sequenced  -----
>CG10212_3'_sequenced  TTCAATGGCATATGGAAGTACATAGCCGAAAATGCAGACCTATTGTCATC
*****

>CG10212_assembled      CGGGTCGGATGATGATGATCAGGAGGGCCGAATGTAACATGGAGTAAGGC
>CG10212_5'_sequenced  -----
>CG10212_3'_sequenced  CGGGTCGGATGATGATATCAGT-----
*****

>CG10212_assembled      TGAAGGCTGGCAACAACCCGGTTGGCAGCGCTGTT
>CG10212_5'_sequenced  -----
>CG10212_3'_sequenced  -----

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>CG14796_assembled CCGATTTCCAAGGGTAAGCCGAAACGGGTCGCATCCTTCACGACCCAGGT
>CG14796_5'_sequenced -----
>CG14796_3'_sequenced -----

>CG14796_assembled GCACCAAACAGGCGACCCTGATTCGCTCGACACGCTTCTCAGCAAGTTCT
>CG14796_5'_sequenced -----TACACGCTTTTTAGCAAGTTCT
>CG14796_3'_sequenced -----
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>CG14796_assembled GGGAGGTGGAGGATCTACCAGTAAAGATGGTAAAAGAGTCGGACTCCTAT
>CG14796_5'_sequenced GGGAGGTGGAGGATCTACCAGTAAAGATGGTAAAAGAGTCGGACTCCTAT
>CG14796_3'_sequenced -----

>CG14796_assembled TGTGAAAGGAACCTCCTCCAACGACCACAGAAAAGCCAATAACTAGTAG
>CG14796_5'_sequenced TGTGAAAGGAACCTCCTCCAACGACCACAGAAAAGCCAATAACTAGTAG
>CG14796_3'_sequenced -----

>CG14796_assembled TCCTAAACCTACAACAACGACTCAGAAGACGACATCGACGGCTCCAAACA
>CG14796_5'_sequenced TCCTAAACCTACAACAACGACTCAGAAGACGACATCGACGGCTCCAAACA
>CG14796_3'_sequenced -----

>CG14796_assembled CAACTAAAGTAGCAATCACTACGCAAAAAGAGACAACACCTACACAGAAC
>CG14796_5'_sequenced CAACTAAAGTAGCAATCACTACGCAAAAAGAGACAACACCTACACGGAGC
>CG14796_3'_sequenced -----
***** ** *

>CG14796_assembled ACCTCAACAACCATATTTACAAGGAAAACAACAACTAATAATCCAGAACC
>CG14796_5'_sequenced ACCTCAACAACCATATTTACAAGGAAAACAACAACTAATAATCCAGAACC
>CG14796_3'_sequenced -----

>CG14796_assembled GACTAGTACCGAGAAACCTATCACCTCGACGACTCCAAAACCTAGTACAA
>CG14796_5'_sequenced GACTAGTACCGAGAAACCTATCACCTCGACGACTCCAAAACCTAGTACAA
>CG14796_3'_sequenced -----

>CG14796_assembled CTACACCAAAAACATCAACAGTTGCGTCAAGCACCGAAAAACAACGATT
>CG14796_5'_sequenced CTACACCAAAAACATCAACAGTTGCGTCAAGCACCGAAAAACAACGATT
>CG14796_3'_sequenced -----

>CG14796_assembled **AGTTCTCCAAGCCTACTACCGAAAAGAGTACCGAAAATCCAACCACGAA**
>CG14796_5' _sequenced AGTTCTCCAAGCCTACTACCGAAAAGAGTACCGAAAATCCAACCACGAA
>CG14796_3' _sequenced -----

>CG14796_assembled **CTCTGTGAAAACATCTGCGTAACTAGCTCCACTCAAAGAGCAACAAGTA**
>CG14796_5' _sequenced CTCTGTGAAAACATCTGCGTAACTAGCTCCACTCAAAGAGCAACAAGTA
>CG14796_3' _sequenced -----

>CG14796_assembled **CTACATCCGAACCGACTAAAACGACCCAGAAAATAACAACGACGACTCCA**
>CG14796_5' _sequenced CTACATCCGAACCGACTAAAACGACCCAGAACATAACAACGACGACTCCA
>CG14796_3' _sequenced -----

>CG14796_assembled **AAGCCAACCTACGTTGAAAATTCTACTCAGGAAGCAACAATTCTACTCA**
>CG14796_5' _sequenced AAGCCAACCTACGTTGAAAATTCTACTCAGGAAGCAACAATTCTACTCA
>CG14796_3' _sequenced -----

>CG14796_assembled **AAAAGTTTCCACGTTACTATTACCACTAAAAAGCCACGGAAAGTTCTC**
>CG14796_5' _sequenced AAAAGT- - CCACG-----
>CG14796_3' _sequenced -----

>CG14796_assembled **CGTTGACTACTAAGCACAGAAGAACCAAATACAACCTCCCAAACCATG**
>CG14796_5' _sequenced -----
>CG14796_3' _sequenced -----

>CG14796_assembled **AGAACAACGACAACCTCAGTGACAGCGACTACTCGAATTACAACGACAAC**
>CG14796_5' _sequenced -----
>CG14796_3' _sequenced -----

>CG14796_assembled **CATTCGGAATCCTCTACGGAACTACGTCGACTCAAAGCCAAAAAGTA**
>CG14796_5' _sequenced -----
>CG14796_3' _sequenced -----

>CG14796_assembled **CTACGCCTACATCTACAACAAGGACGACTCCGAAGGTAACAACAGTGATC**
>CG14796_5' _sequenced -----
>CG14796_3' _sequenced ----- GTC- CA- GGACGACTCCGA- GGTAACAACAGTGATC

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>CG14796_assembled GTTTCTACTCAAATCCAACAACGACCACTTCGAAAACCTCCACGGTAAAC
>CG14796_5'_sequenced -----
>CG14796_3'_sequenced GTTTCTACTCAAATCCAACAACGACCACTTCGAAAACCTCCACGGAAAC

>CG14796_assembled CATAACCACACCAAATCCAAGTCCAAGCACACAAAGGCCGACCACTACAA
>CG14796_5'_sequenced -----
>CG14796_3'_sequenced CATAACCACCCCAAATCCAAGTCCAAGCACACAAAGGCCGACCACTACAA

>CG14796_assembled CTCGGCAACCGACATCAATTACGGCATCAACTACAAGTATCGGAACCACG
>CG14796_5'_sequenced -----
>CG14796_3'_sequenced CTCGGCAACCGATATCTATTACGGTATCCACTACAAGTATCGGAACCACG
***** ** ***** ** *****

>CG14796_assembled AGGATTCCAACCTACCACTAACCCGCAAACTCCACCTCCTCGACTGATTT
>CG14796_5'_sequenced -----
>CG14796_3'_sequenced AGGATTCCAACCTACCACTAACCCGCAAACTCCCTCCTCCAGTGATTT
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>CG14796_assembled GACCACTGTCACGCGACCGCCATGTCCCGATCCCGACTCCACCTCAGATA
>CG14796_5'_sequenced -----
>CG14796_3'_sequenced GACCTGTGTCACGCCACCGCCGTGTCCCGATCCCGACTCCCTCATATA
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>CG14796_assembled AGAATACCAATACTGCATGCCACAAGAAGCTCCAACAAGTGAATCTACTT
>CG14796_5'_sequenced -----
>CG14796_3'_sequenced AAAATACCAATACTGCATGCCAGAACAACCTCCTACGGGTGAATCTACTT
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>CG14796_assembled GAACTACAATCACCAAGAAACAAGAACAATTCATCCCACAGGGGGCTCC
>CG14796_5'_sequenced -----
>CG14796_3'_sequenced GAACTACAATCACCAAGAAACAAGAACAATTCATCCCACAGGGGGCTCC

>CG14796_assembled ACATATGGGGGTTTGTGGGAAGCAGGGGTGAAAAGCTTCAAACCCCTGT
>CG14796_5'_sequenced -----
>CG14796_3'_sequenced ACATATGGGGGTTTGTGGGAAGCAGGGGTGAAAAGCTTCAAACCCCTGT

>CG14796_assembled TCCTTAAATCGACGTCAGTCCGCAAATATACATTTGAGGAGCTGGCGACG
>CG14796_5'_sequenced -----

>CG14796_3'_sequenced TCCTTAAATCGACGTCAGTCCGCAAATATACATTTGAGGAGCTGGCGACG

>CG14796_assembled CTTCTCGCTAAGATTGAGGCTTGCCTCAACTCTAGACCCCTCTCCCCTAT

>CG14796_5'_sequenced -----

>CG14796_3'_sequenced CTTCTCGCTAAGATTGAGAAA-----

>CG14796_assembled G

>CG14796_5'_sequenced -

>CG14796_3'_sequenced -

>CG4799_CG11924_assembled CCCAAGCGCAGCGGAGACTCCTCGGAGACTCTGTGGTGAAGAGCGGGAGA
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled GCGTAAGAGGGAGTGGAGAACGTAAGAGGGAGCGGAGAGCGGGTGACAGT
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled CCAAACCCCGTAACTCGAACATTTGGTCCTTCGAGCCGGATGAGCACAGA
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled TATACCAGCAGGCAGTCCCAGTTCTCCGTGTTGAATGCCTGACAATTCTG
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled GCGGCGCCAAGCAGGCATTGACTCCAATTTGCATCGATTACGAGAGTAC
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled TGTCTACGTTTGTCTACAGTTTCACCGACACATTCAGCGTGCTAACACGC
>CG4799_CG11924_sequenced -----GGGGGGCT

>CG4799_CG11924_assembled TCGACAAATTCTCGTGCTCGGTTTCGTTAGGGAACGATAAAAAATTGTGT
>CG4799_CG11924_sequenced CATCGCGCTCTGCATGCTCGGTTTCGTTAGGGAACGATAAAAAATTGTGT
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>CG4799_CG11924_assembled AAAAATGCAGTAAAGTTTTCCATTGAAATTTCCATTTCCAAAAATTCC
>CG4799_CG11924_sequenced AAAAATGCAGTAAAGTTTTCCATTGAAATTTCCATTTCCAAAAATTCC

>CG4799_CG11924_assembled ATCCGAAAAAGCCAGCACACGCATTCAAAGGGCAAAGGTACAAAGTTTC
>CG4799_CG11924_sequenced ATCCGAAAAAGCCAGCACACGCATTCAAAGGGCAAAGGTACAAAGTTTC

>CG4799_CG11924_assembled ACACATTTCATCGCAGCAGCAGGAAGTCTGGAGCAGCAGCAGCGTGAAA
>CG4799_CG11924_sequenced ACACATTTCATCGCAGCAGCAGGAAGTCTGGAGCAGCAGCAGCGTGAAA

>CG4799_CG11924_assembled TGCAGGAGCAGGCGCAACAGCAGCAGGTGCACCATCACCAGCAGGATCAG
>CG4799_CG11924_sequenced TGCAGGAGCAGGCGCAACAGCAGCAGGTGCACCATCACCAGCAGGATCAG

>CG4799_CG11924_assembled GATCTCGCCGGCGACCAGGTGGCGCTAAAGGTGCCACCACTCACCGTCAA
>CG4799_CG11924_sequenced GATCTCGCCGGCGACCAGGTGGCGCTAAAGGTGCCACCACTCACCGTCAA

>CG4799_CG11924_assembled GCTAAACAAGAACGCCAACGGTGGTGCCATTGTGTGCATCCGCAGGTCA
>CG4799_CG11924_sequenced GCTAAACAAGAACGCCAACGGTGGTGCCATTGTGTGCATCCGCAGGTCA

>CG4799_CG11924_assembled TTATCAAGGAGGAGCCACTCAGCCTGAGCGACAGTGGTGATGTTGTCAAC
>CG4799_CG11924_sequenced TTATCAAGGAGGAGCCACTCAGCCTGAGCGACAGTGGTGATGTTGTCAAC

>CG4799_CG11924_assembled TCTGTGCCCGTCTATGCCATACAAGCCAATCCCGGTGTACCCGCTCCGGC
>CG4799_CG11924_sequenced TCTGTGCCCGTCTATGCCATACAAGCCAATCCCGGTGTACCCGCTCCGGC

>CG4799_CG11924_assembled CAGTTCGGGTGTGCTAGTCGGCACACAAACGGTACCTGCCGATCTGGCGC
>CG4799_CG11924_sequenced CAGTTCGGGTGTGCTAGTCGGCACACAAACGGTACCTGCCGATCTGGCGC

>CG4799_CG11924_assembled ACAAGATCCGGCACAATGTCCGGATTGTCAAAGACCTTCAAGACGCC
>CG4799_CG11924_sequenced ACAAGATCCGGCACAATGTCCGGATTGTCAAAGACCTTCAAGACGCC

>CG4799_CG11924_assembled GGCACGCTGGCCATGCACCGCAAGATACACACAGGCGAAGCAGACGCCAC
>CG4799_CG11924_sequenced GGCACGCTGGCCATGCACCGCAAGATACACACGGGGCGAAGCAA-----
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>CG4799_CG11924_assembled GCCCAAAGAACGCCCTACACGTGCTCCTACTGCGGCAAGTCCTTCACTC
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled AATCGAATACTAAACAGCACACTCGCATAACAGGAGAGAAGCCG
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled TTCCACTGCGGTTACTGCGAGAAGTCCTTACAGCGTGAAGGACTATCTGAC
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled CAAGCACATACGGACGCACACCGGCGAGAAGCCGTACACCTGTCCGTATT
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled GCGACAAGCGCTTCACGCAGCGCAGCGCCCTCACTGTGCACACGACCAAG
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled CTGCATCCGCTCTAGGGAAGGCCGGCGGTGGCCGCCAGTTACCCGTTCC
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled TGCCCCAGCCGCTCCTCCTCCTACTCATCCTCCAAATCCTTCTGGTC
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled CTGGTGCGCCGCCGCTTGTCCGCCGACACGGATACAGATCCAAGAAG
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled CCATCTGCGGCGGCTGCGGCATCGGCTTAGGACGAACTGCAGCGGAAACG
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled GGATGAGCAAACCAATAA AAAAAAGACCA CTCGAAAAAACACTCGAAGAC
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled TTGTGGAATTAGCGCGGGCGCGACCGCGTATGCTTTATTGTTGAGGTA
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled GTTTTACACACTAAAGCTTATTCTAATGCGTTGGGTTCTCCAAGCGCAG
>CG4799_CG11924_sequenced -----

>CG4799_CG11924_assembled CGGAGACTCCTCGGAGACTCTGTGGTGAAGAGCGGGAGAGCG
>CG4799_CG11924_sequenced -----