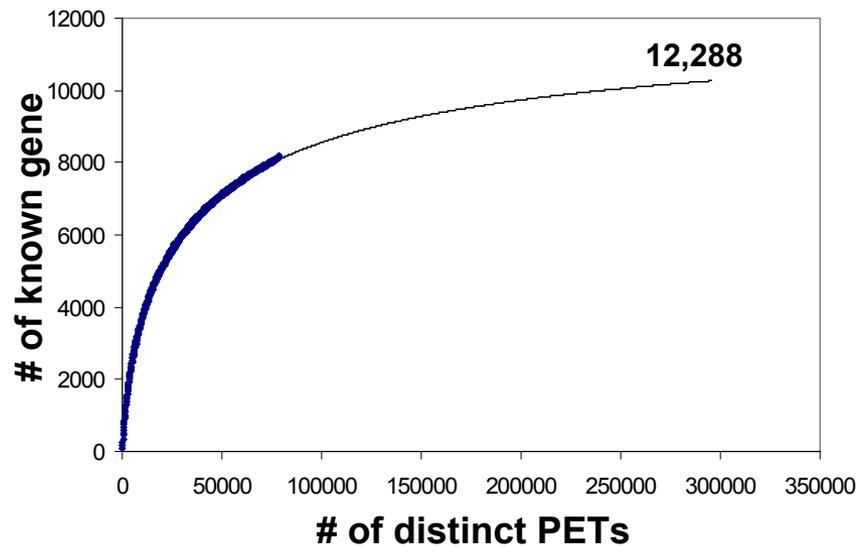
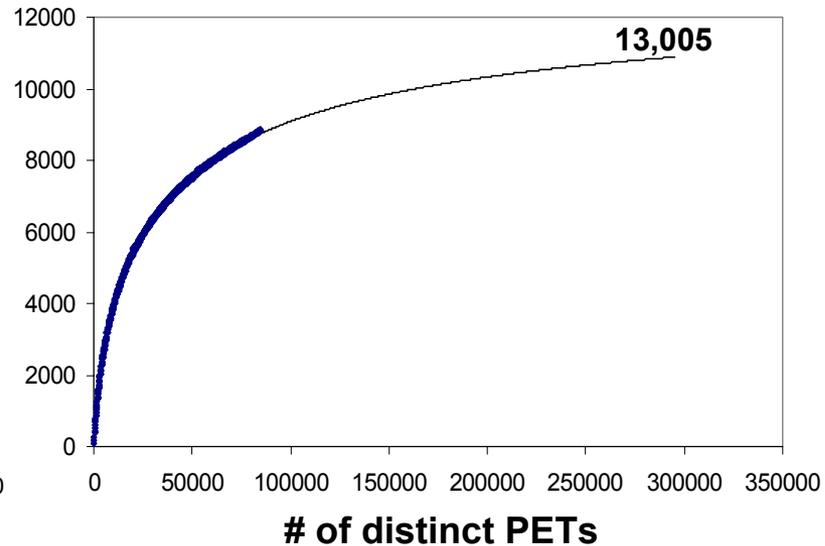


MCF7 GIS-PET library



$f=Ntot*x^b/(c^b+x^b)$	Coefficient	Std. Error	t	P
<i>Ntot</i>	12288	42.3	290.4	<0.0001
<i>b</i>	0.7323	0.0023	316.1	<0.0001
<i>c</i>	32140.668	321.4819	100	<0.0001

HCT116 GIS-PET library



$f=Ntot*x^b/(c^b+x^b)$	Coefficient	Std. Error	t	P
<i>Ntot</i>	13005	46.5	280.2	<0.0001
<i>b</i>	0.735	0.002	290.4	<0.0001
<i>c</i>	31856	331.3	96.2	<0.0001

5' tag (17/18) 3' tag (16/18)
GGTCCCGGAGACCCGGTCAAGCTTGGCAACTTTTAA

PET id: 118330

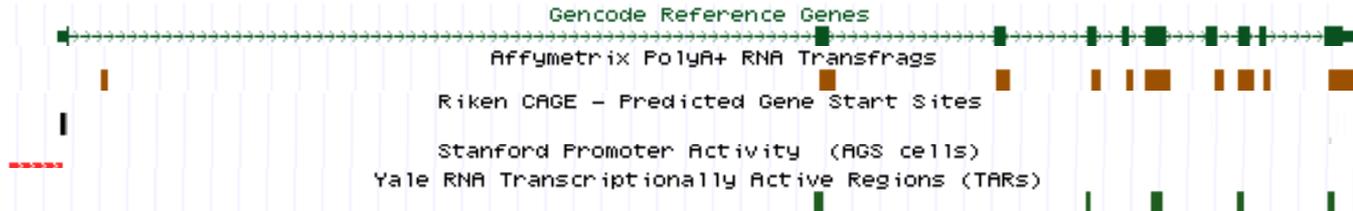


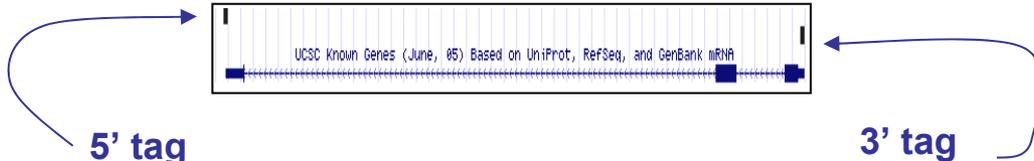
Chr1:148040294

ENr231
(12,716 bp)

Chr1:148053009

PSMD4



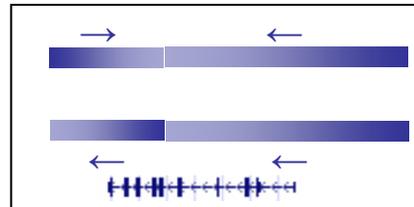
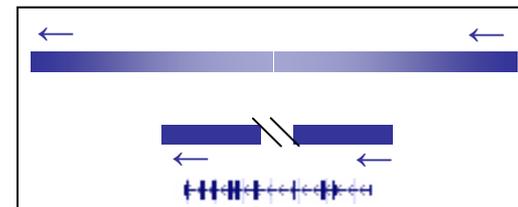
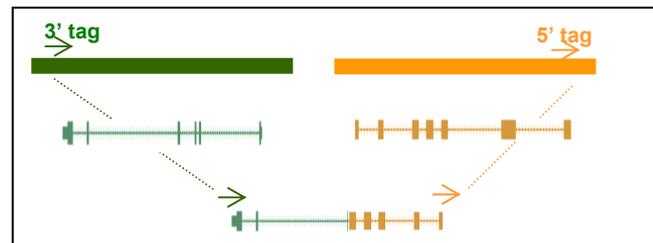
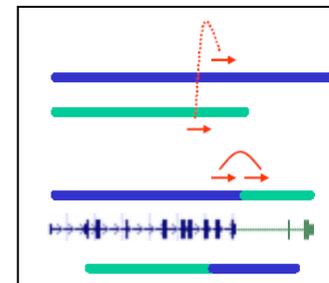
A

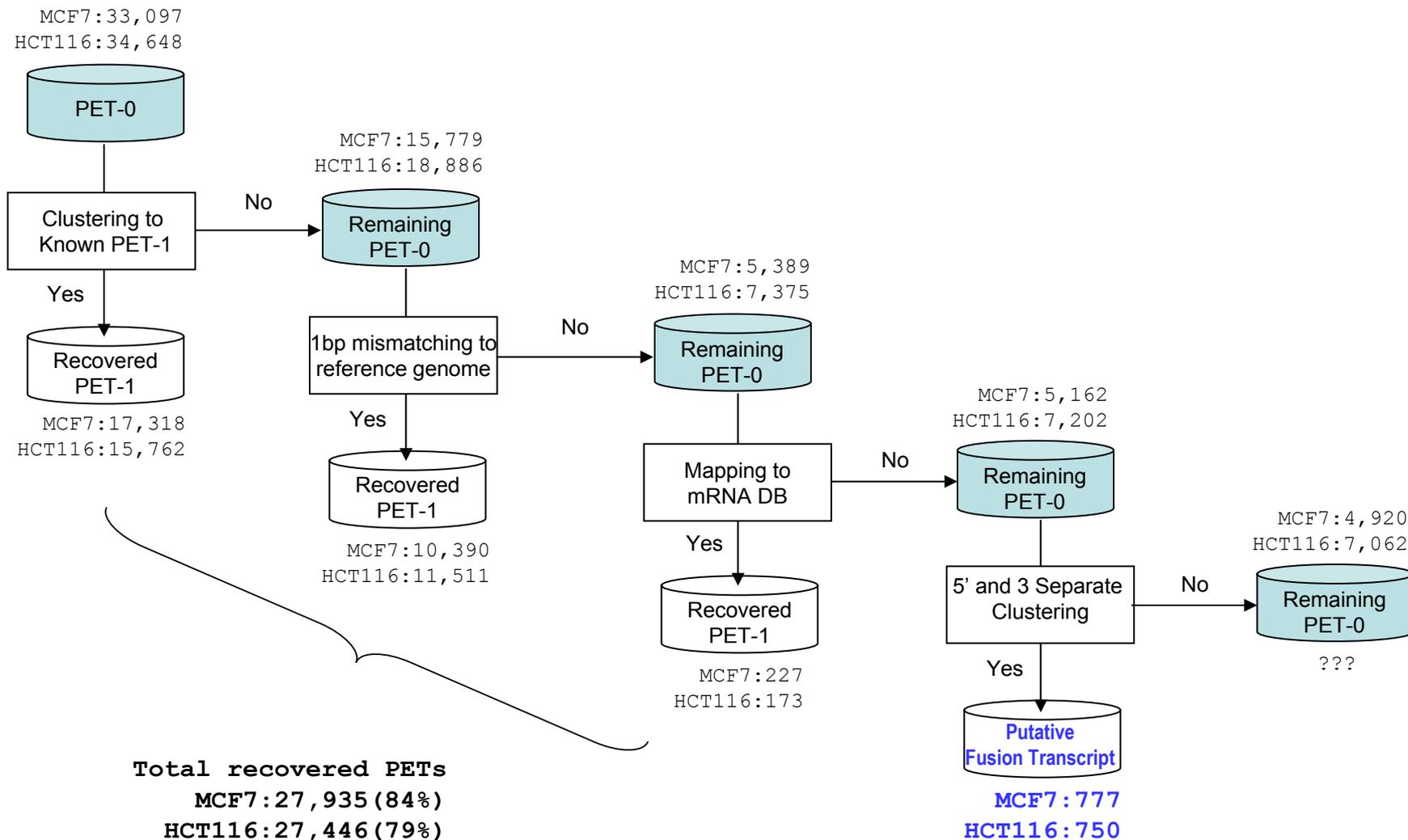
5' tag
 TCCTTTTACCTCGTTGCACTG AACATTTGAAAAACCCTTC
GCCTTTTACCTCGTT**A**CAC AACATTTGAAAAAAC
GCTTTTACCTCGTTGCACT ATTTGAAAAAAC**AAA**
GCTTTTACCTCGTTGCACT ACATTTGAAAA**T**C
GCCGTTTTACCTCGTTGCA TTTGAAAAACCCT**C**C
GCTTTTTACCTCGTTGCACT TTGAAAAACCCTTC

GAGAGGCCAGGGCAGCGC AAAGCCCTGCAACCTG
GGGGTCGACCTAGGCCGC AAAGCCCTGCAACCT
GGGGCGGGCGACCTAGGCC AAAGCCCTGCAACCTG

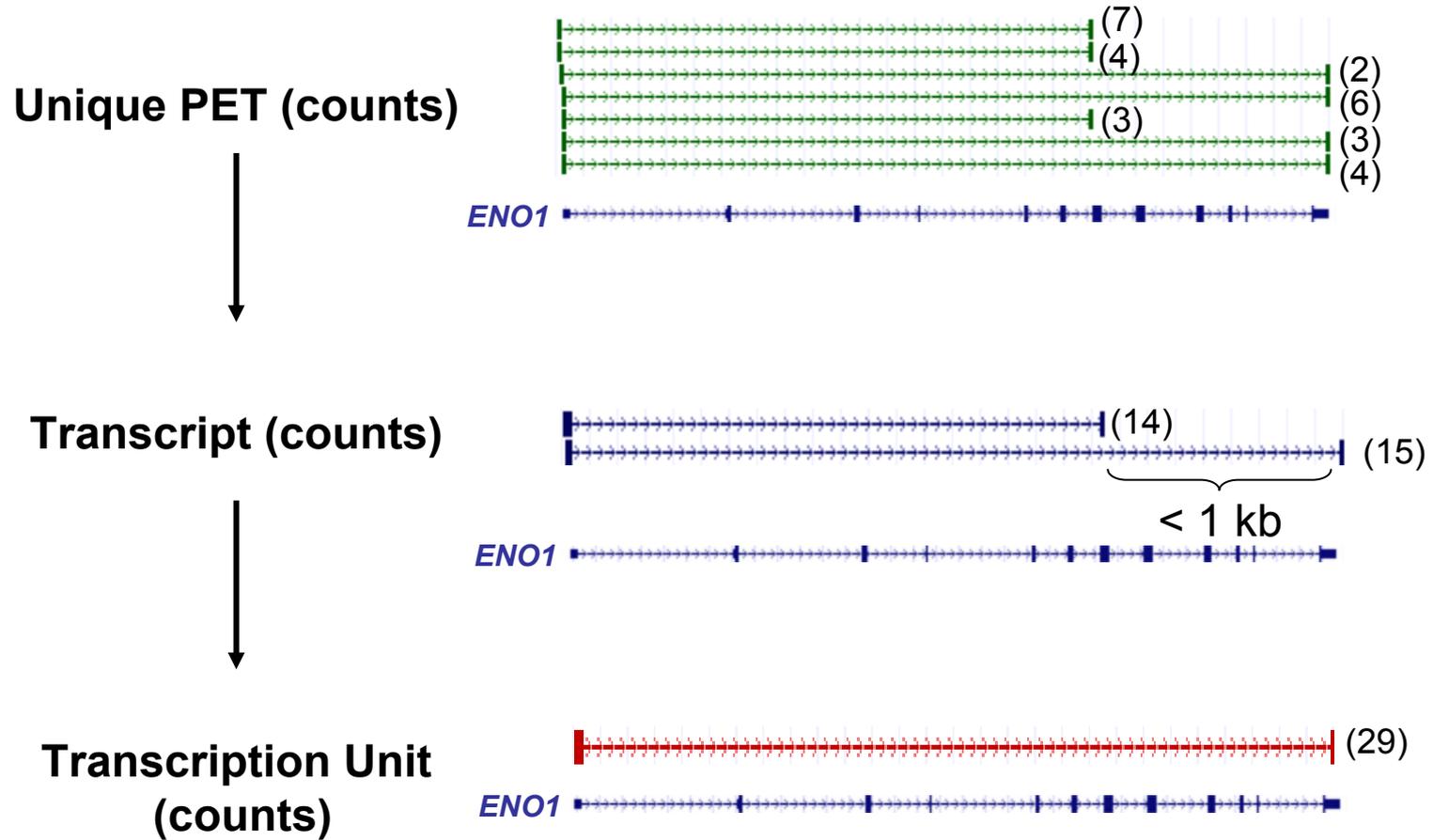
RPS29 chr14:49120041-49122846
 PET-0_101563_COUNT:2
 PET-0_40987_COUNT:1
 PET-0_58295_COUNT:3
 PET-0_68520_COUNT:3
 PET-0_7078_COUNT:7

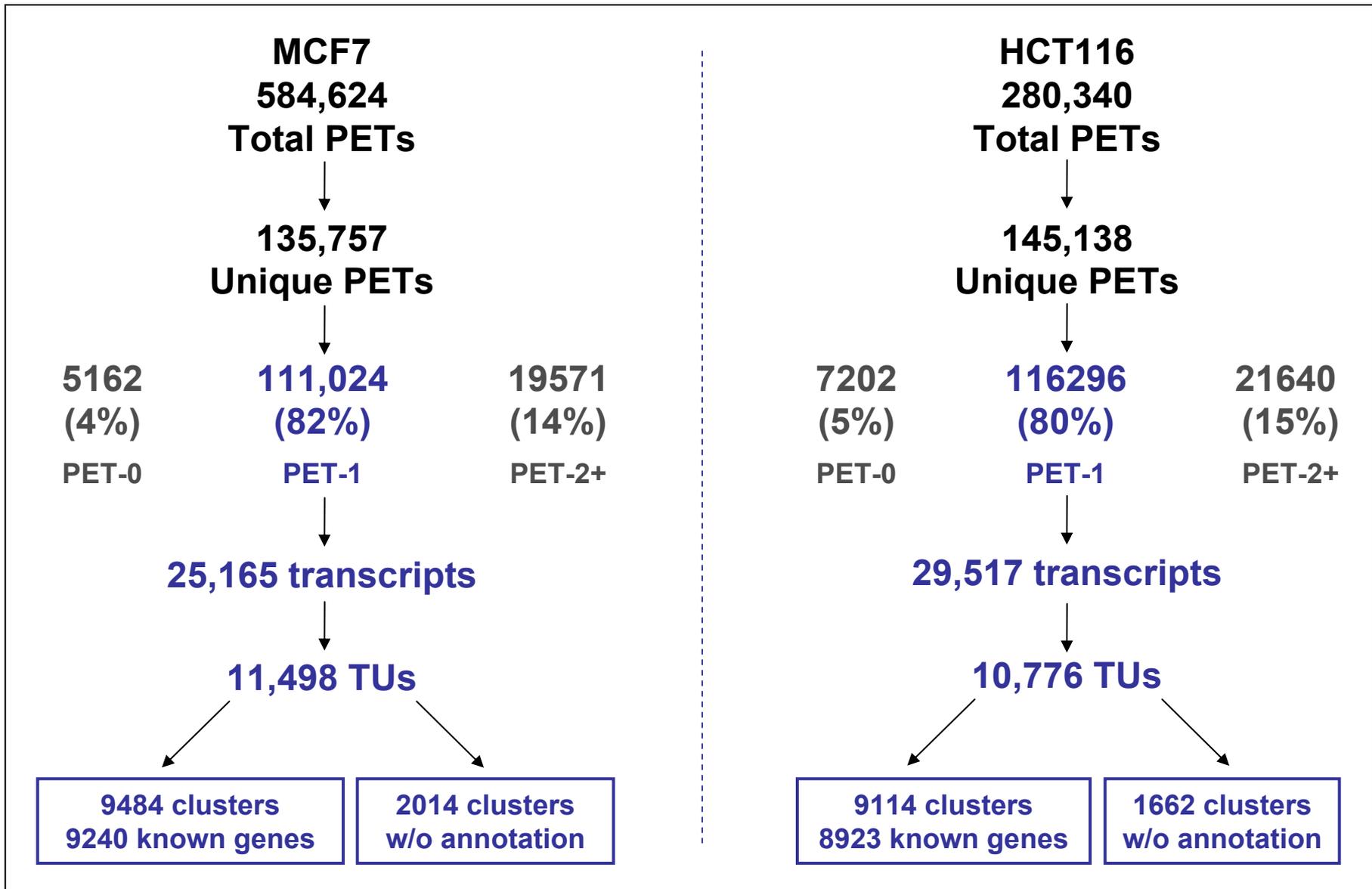
NDUFB10 Chr.16:1949559-1951977
 PET-0_24761_count:6
 PET-0_44914 count:3

B**Inversion****Deletion****Trans-splicing****Translocation**

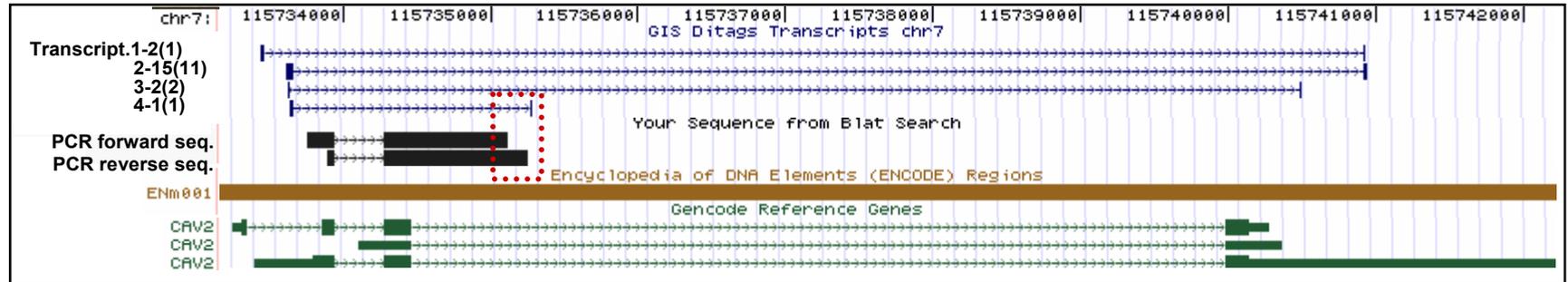
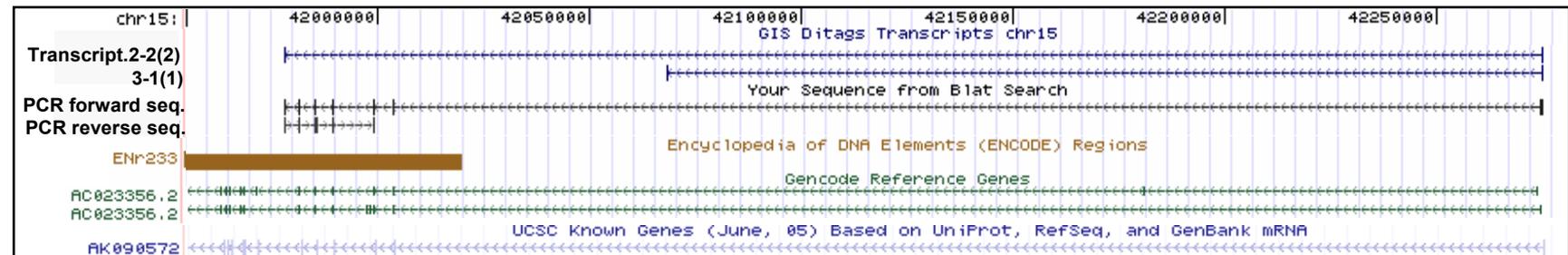
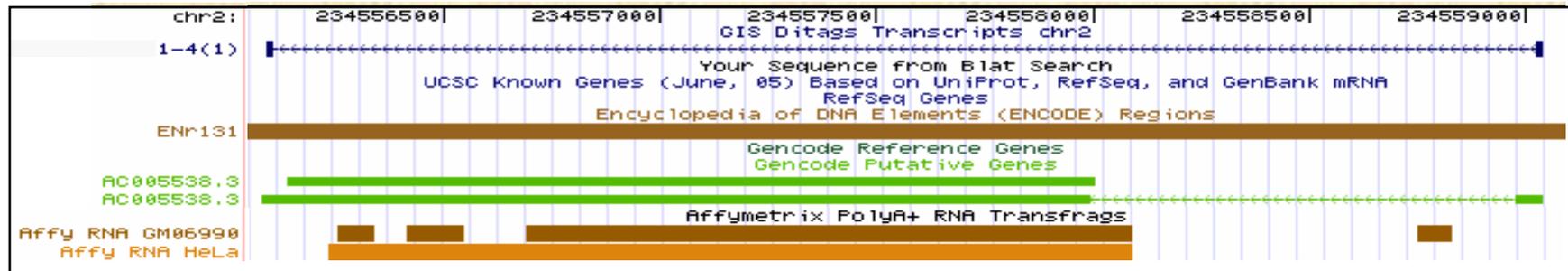


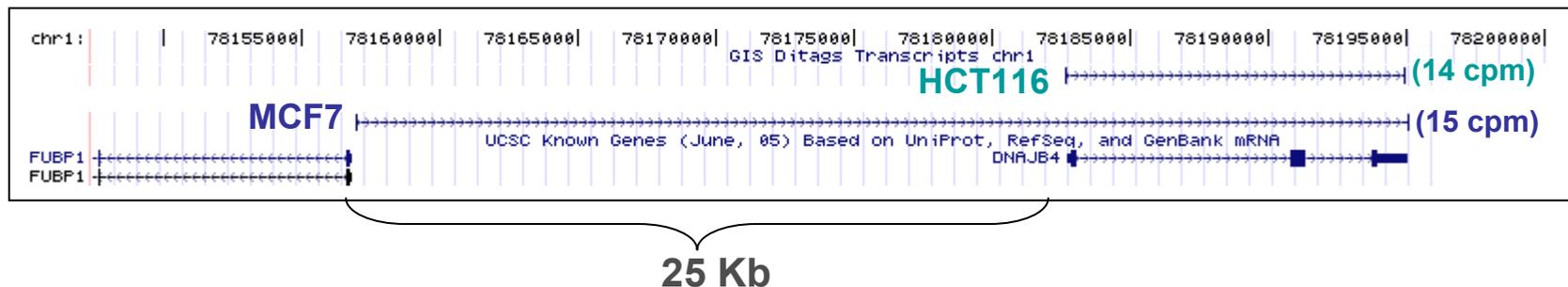
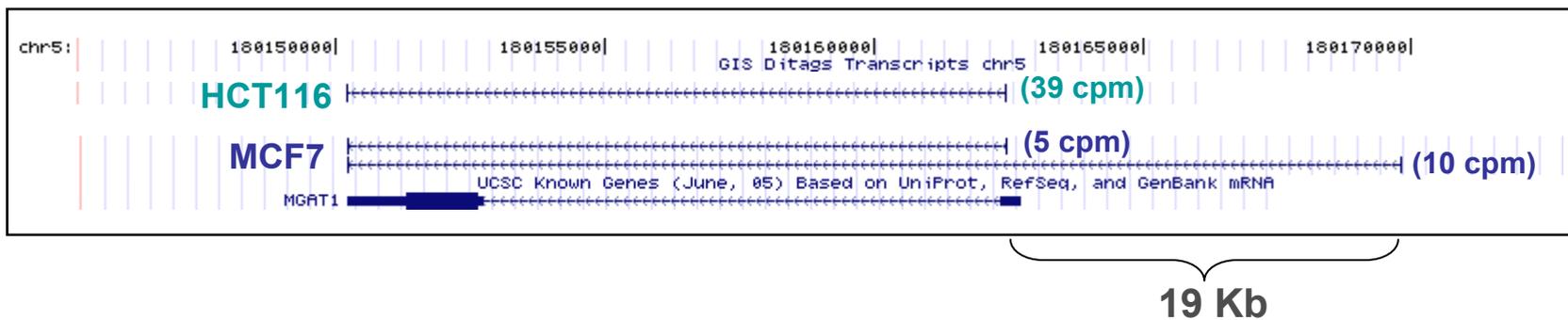
Supplemental Figure 4

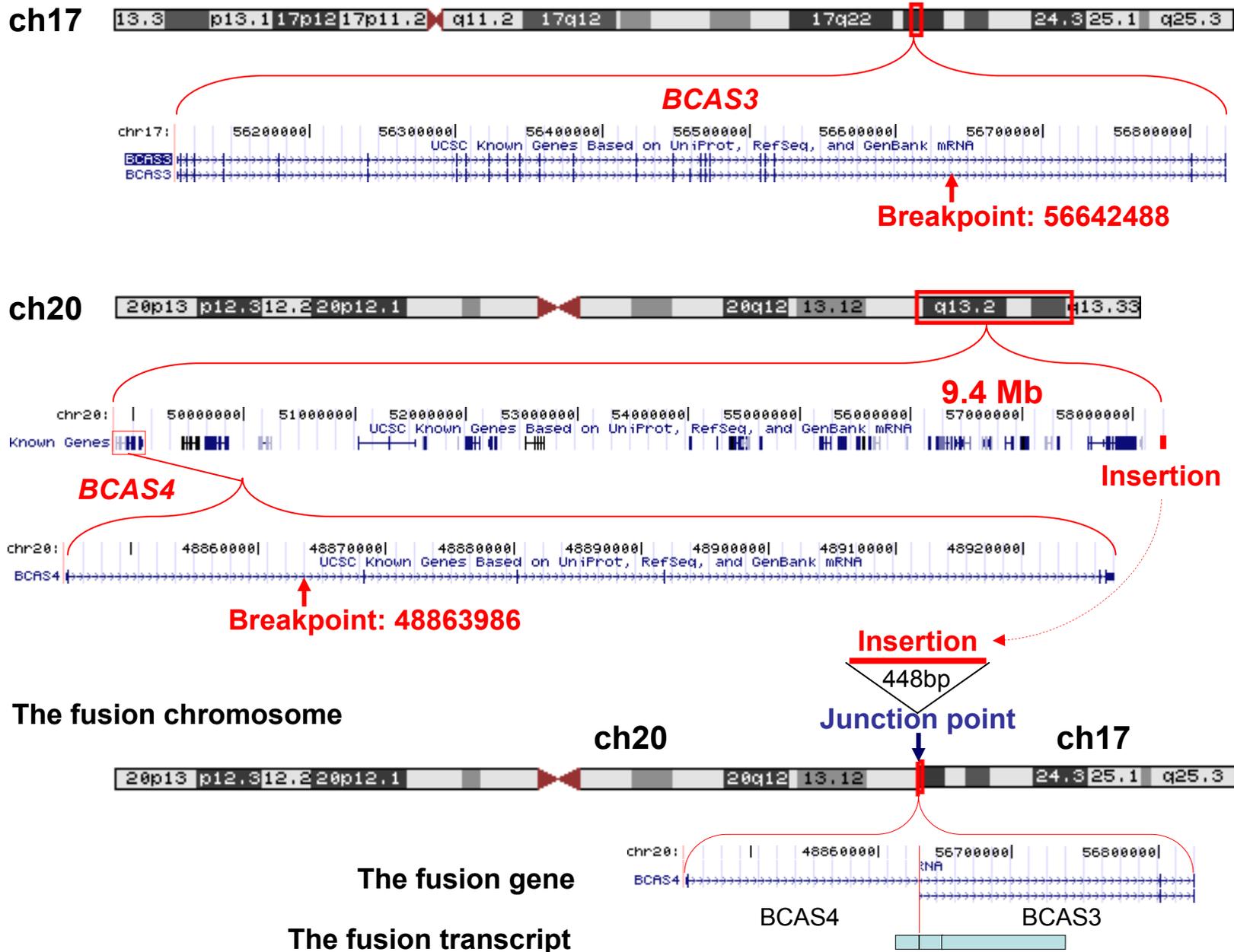




Supplemental Figure 6

A**chr7:115,731,909-115,742,219****B****chr15:41,950,000-42,300,000****C****chr2: 234,555,356-234,559,774**

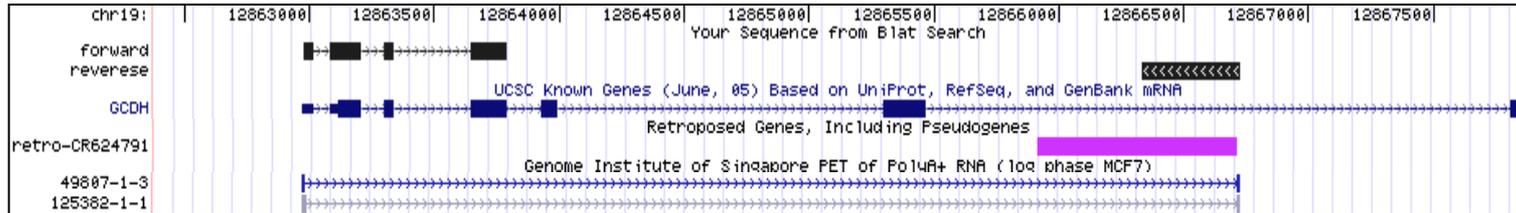
A***DNAJB4* chr1:78,147,427-78,204,531****B*****MGAT1* chr5:180,145,255-180,174,656**



Supplemental Figure 9

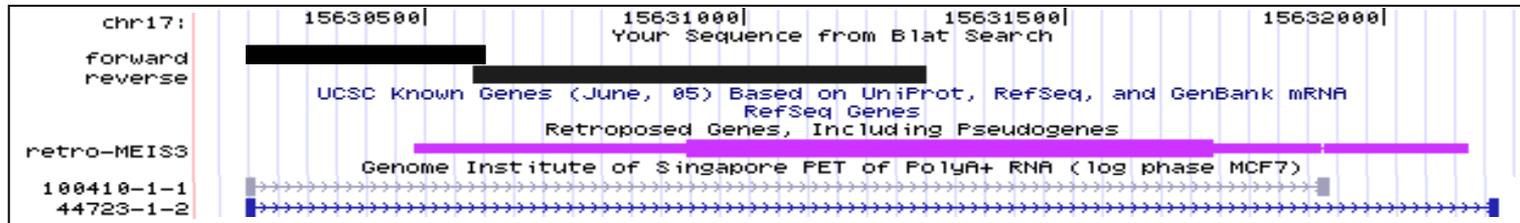
A. *GCDH* / *RPS6* fusion

chr19:12,862,383-12,867,845



B. *MEIS3*

chr17:15,629,539-15,632,733



C. *ACTG1*

chr1:27,335,525-27,337,312

