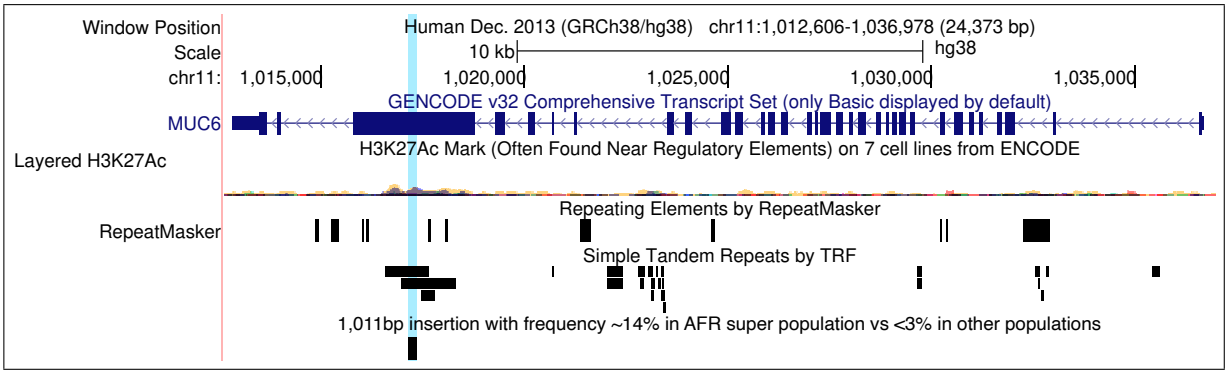
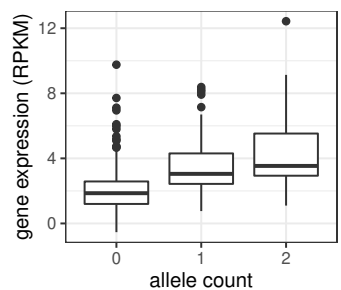
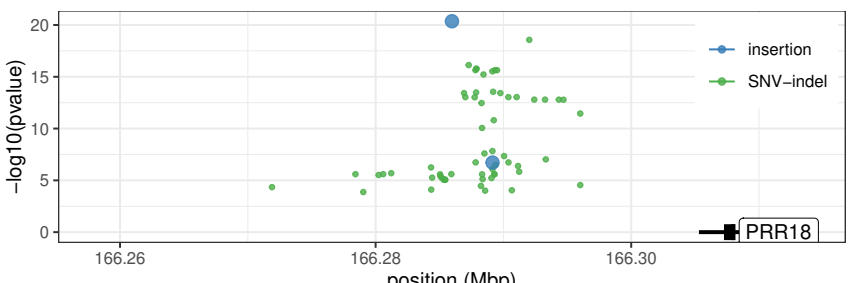
(A)


Window Position
Human Dec. 2013 (GRCh38/hg38) chr11:1,012,606-1,036,978 (24,373 bp)
Scale
10 kb
hg38
chr11:
1,015,000
1,020,000
1,025,000
1,030,000
1,035,000
GENCODE v32 Comprehensive Transcript Set (only Basic displayed by default)
MUC6
H3K27Ac Mark (Often Found Near Regulatory Elements) on 7 cell lines from ENCODE
Layered H3K27Ac
Repeating Elements by RepeatMasker
RepeatMasker
Simple Tandem Repeats by TRF
1,011bp insertion with frequency ~14% in AFR super population vs <3% in other populations

(B)


gene expression (RPKM)
12
8
4
0
0
1
2
allele count

(C)


−log10(pvalue)
20
15
10
5
0
insertion
SNV−indel
PRR18
166.26
166.28
166.30
position (Mbp)