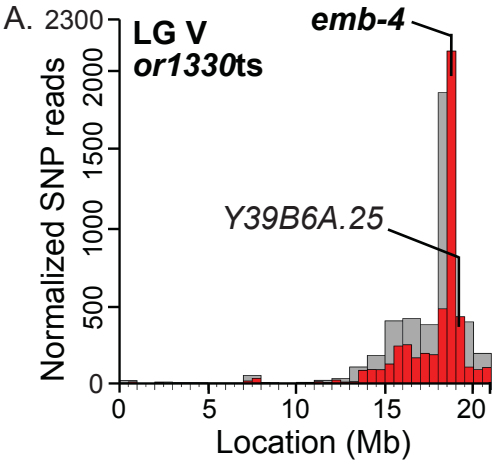
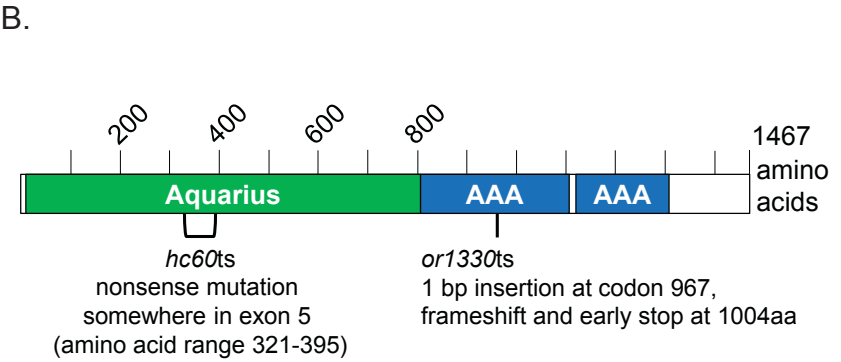

A.
LG V
or1330ts
emb-4
Y39B6A.25
Normalized SNP reads
2300
2000
1500
1000
500
0
0
5
10
15
20
Location (Mb)


B.
200
400
600
800
1467
amino
acids
Aquarius
AAA
AAA
hc60ts
nonsense mutation
somewhere in exon 5
(amino acid range 321-395)
or1330ts
1 bp insertion at codon 967,
frameshift and early stop at 1004aa

C.
Chromosome V
emb-4 locus
67 bp
18,877,220 bp
18,877,230 bp
18,877,240 bp
18,877,250 bp
18,877,260 bp
18,877,270 bp
18,877,280 bp
Depth of coverage
(0-33 reads)
Sequence reads
ws241
nucleotide sequence
amino acid sequence