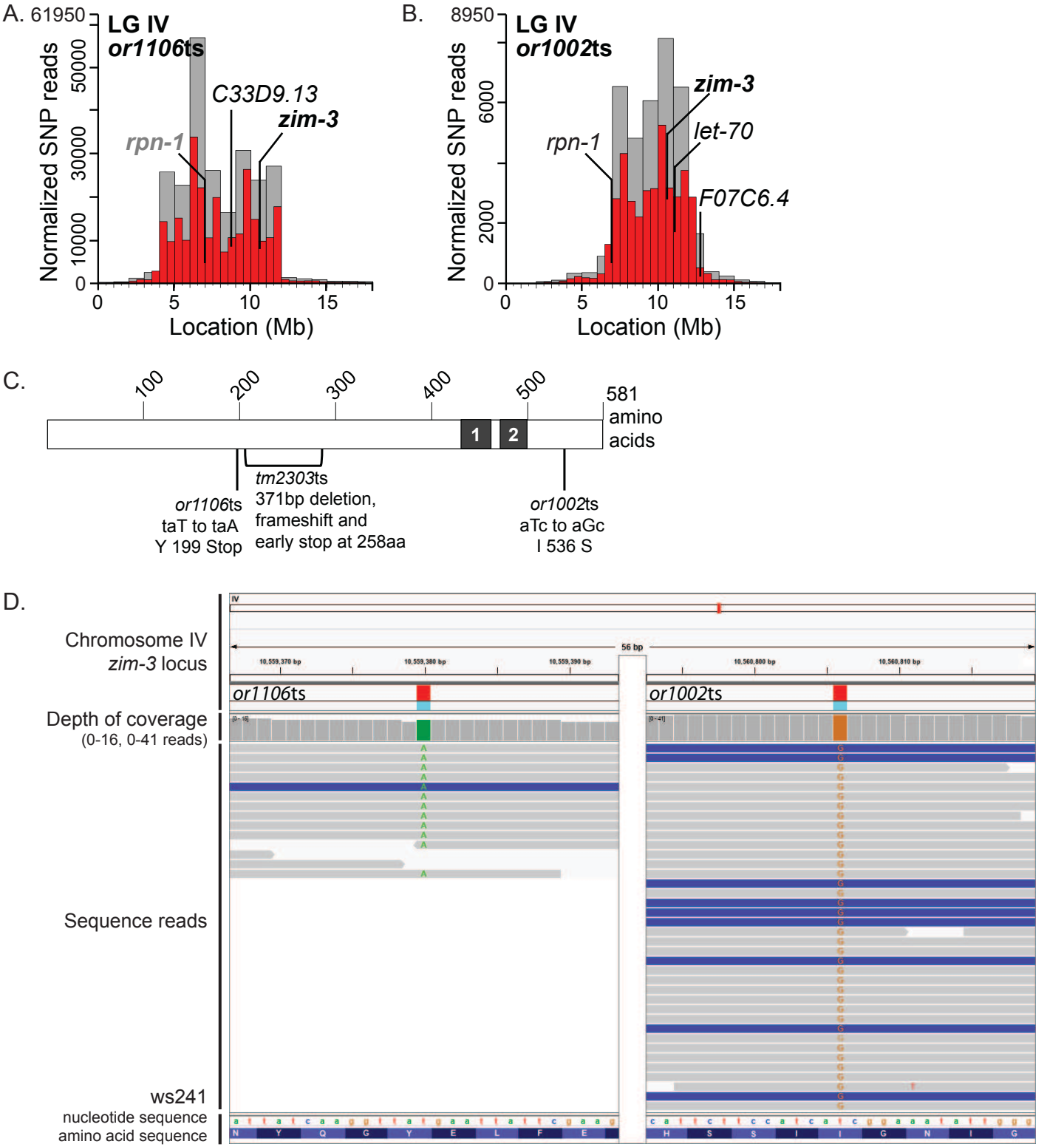
A.
LG IV
or1106ts
Normalized SNP reads
61950
50000
30000
10000
0
rpn-1
C33D9.13
zim-3
0
5
10
15
Location (Mb)
B.
LG IV
or1002ts
Normalized SNP reads
8950
6000
2000
0
rpn-1
zim-3
let-70
F07C6.4
0
5
10
15
Location (Mb)
C.
100
200
300
400
500
581
amino
acids
1
2
or1106ts
taT to taA
Y 199 Stop
tm2303ts
371bp deletion,
frameshift and
early stop at 258aa
or1002ts
aTc to aGc
I 536 S
D.
Chromosome IV
zim-3 locus
Depth of coverage
(0-16, 0-41 reads)
Sequence reads
ws241
nucleotide sequence
amino acid sequence
IV
56 bp
10,559,370 bp
10,559,380 bp
10,559,390 bp
10,560,800 bp
10,560,810 bp
or1106ts
or1002ts
(0-16)
(0-41)
N Y Q G Y E L F E
H S S I I G N I G