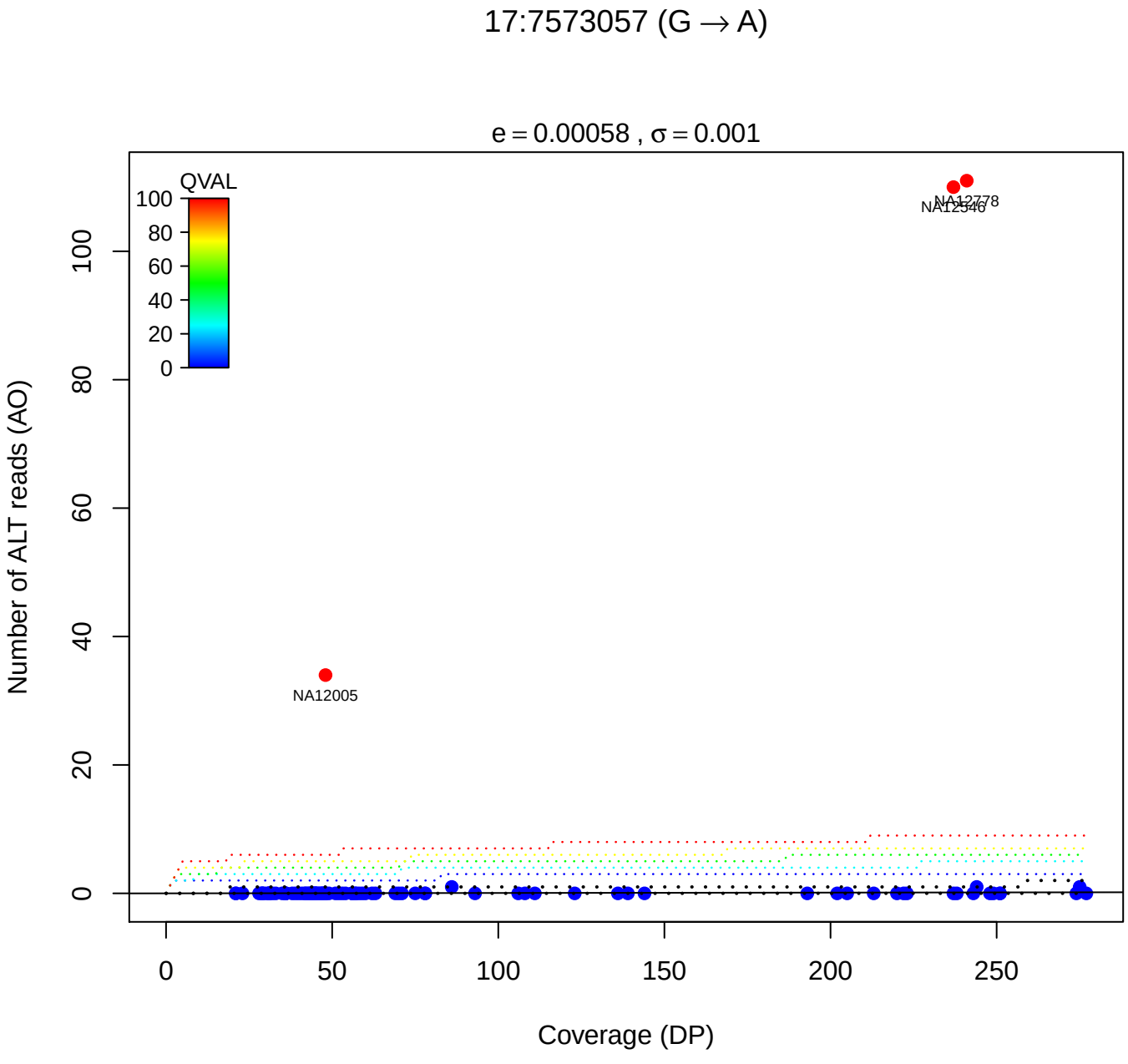
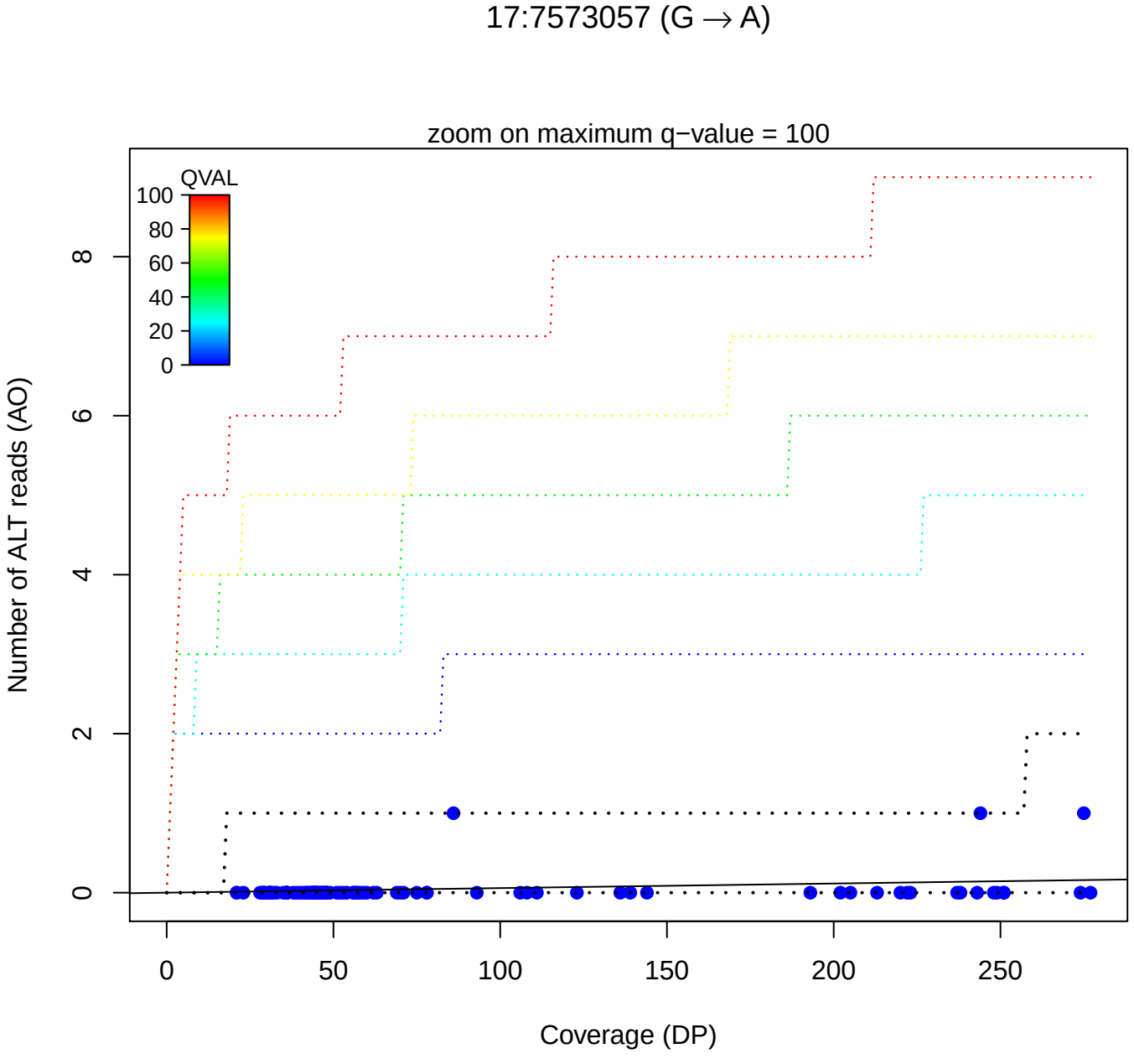
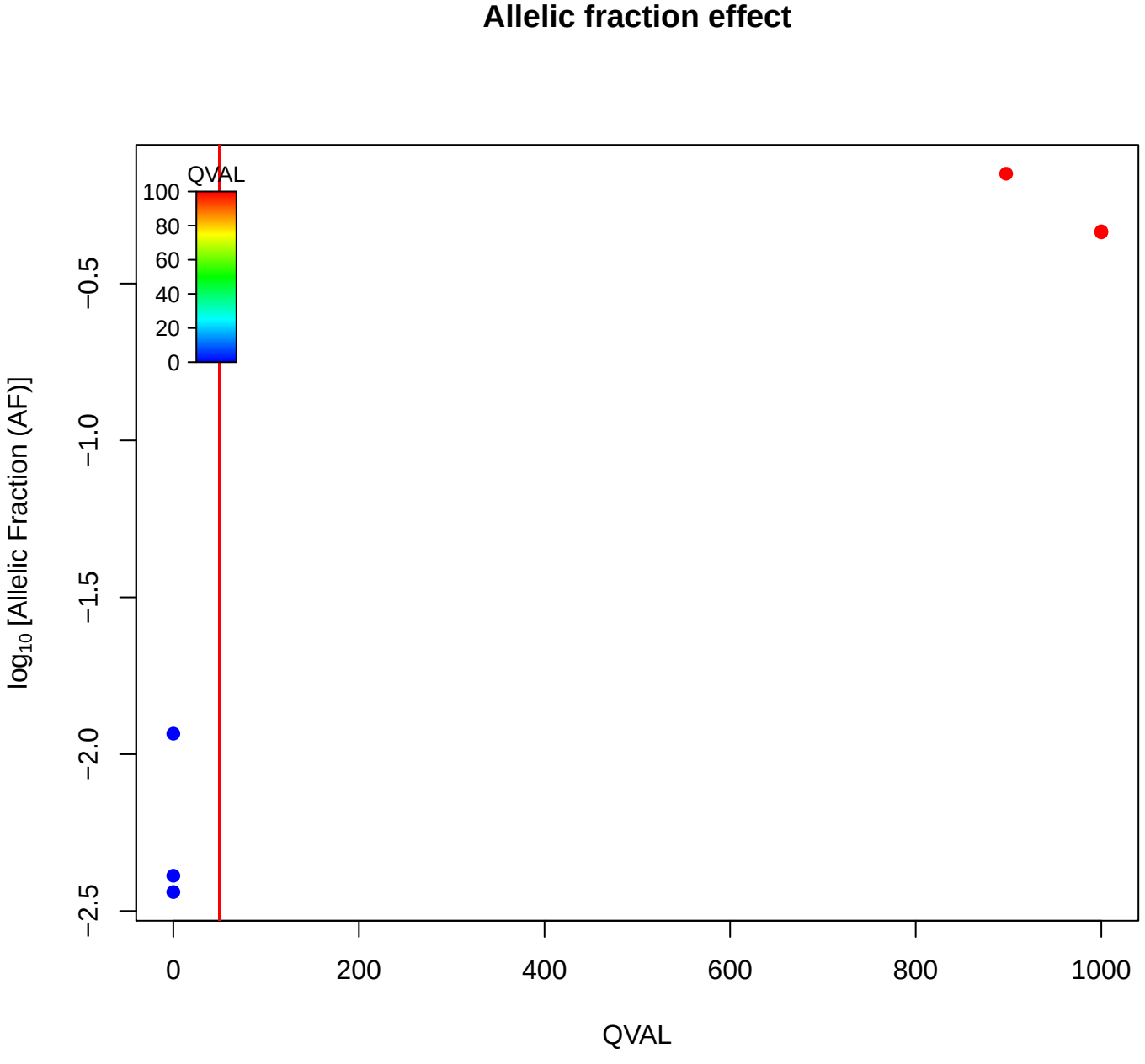
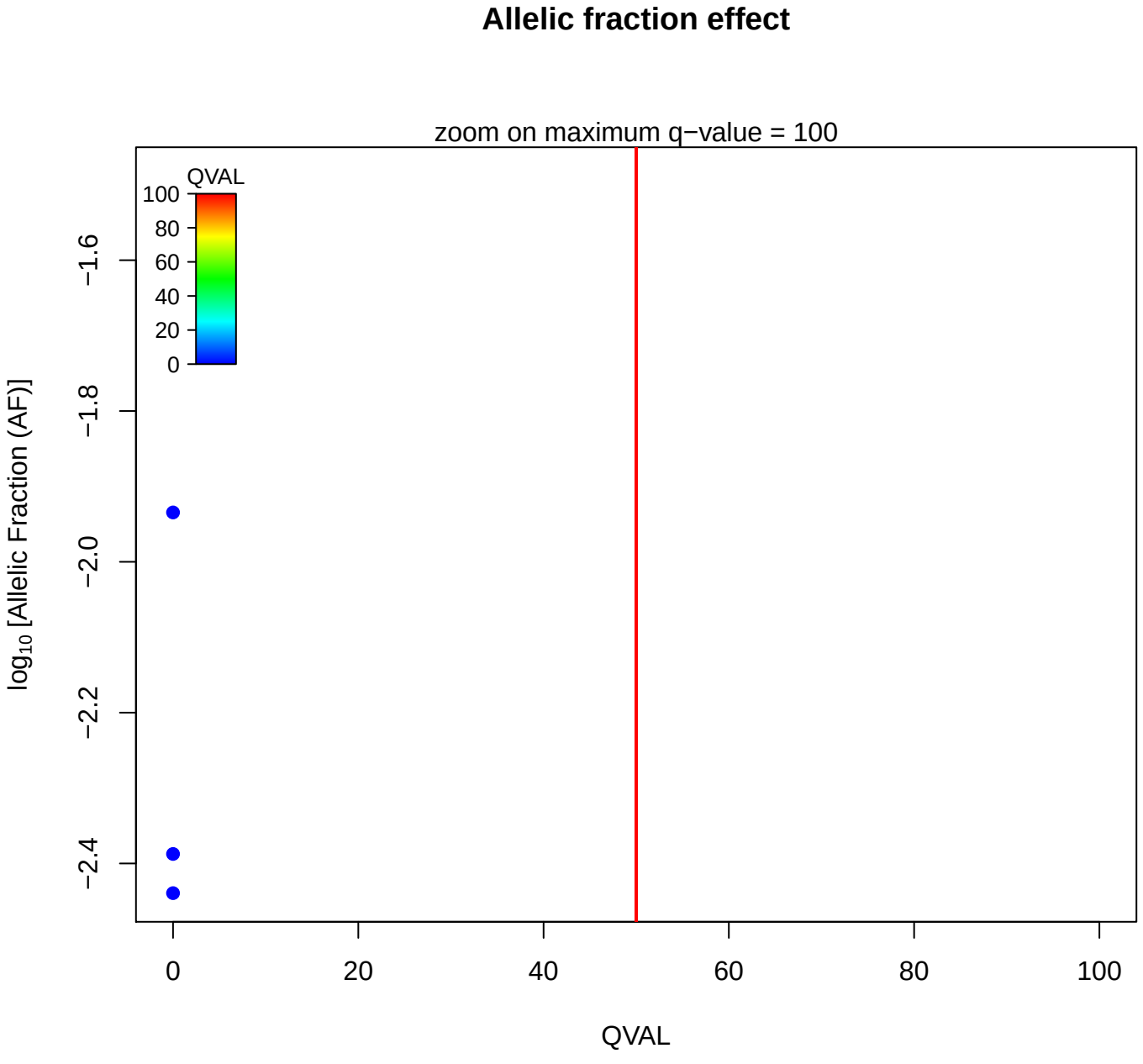
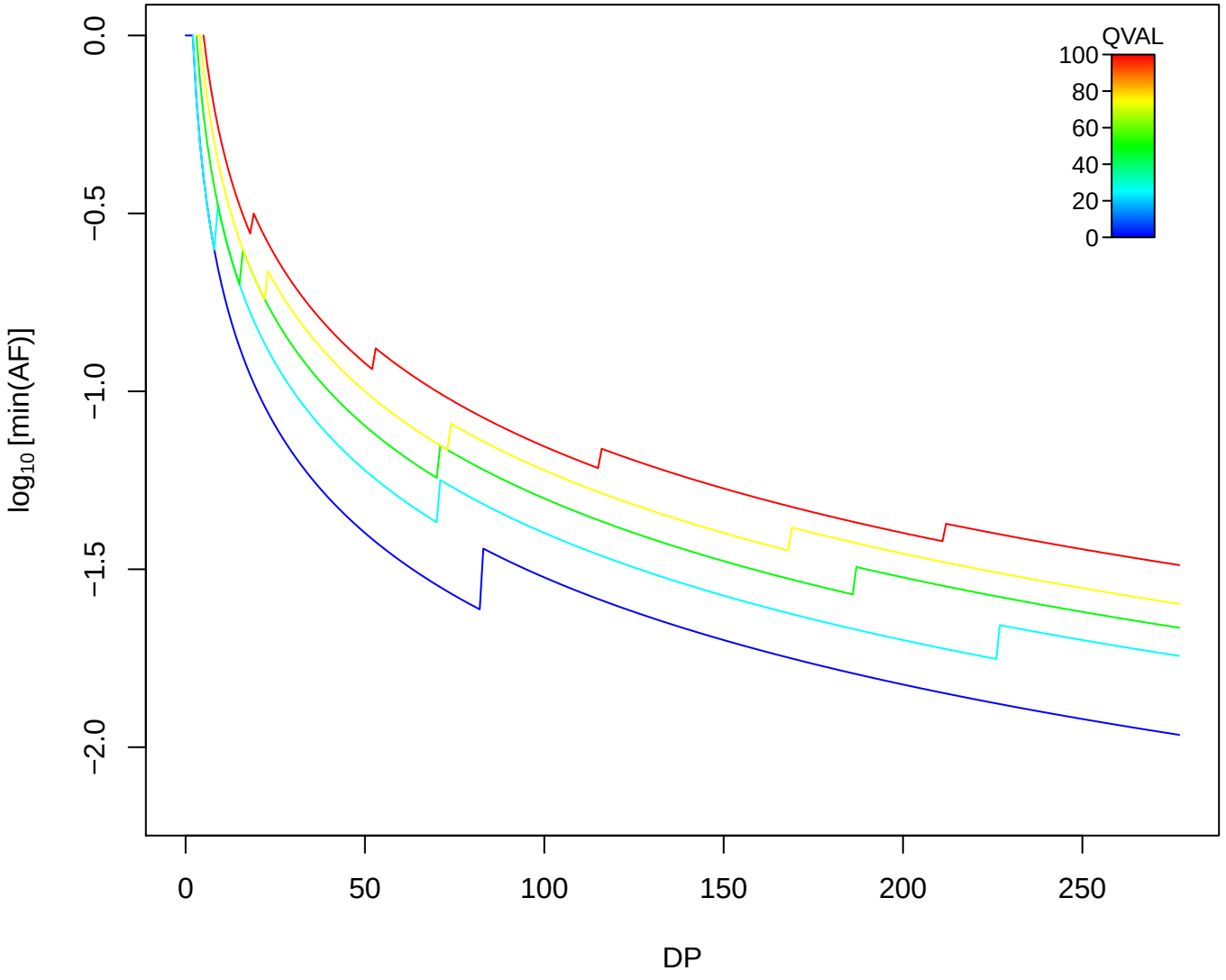

17:7573057 (G → A)
e = 0.00058 , σ = 0.001
QVAL
100
80
60
40
20
0
NA12778
NA12546
NA12005
Number of ALT reads (AO)
0
20
40
60
80
100
0
50
100
150
200
250
Coverage (DP)

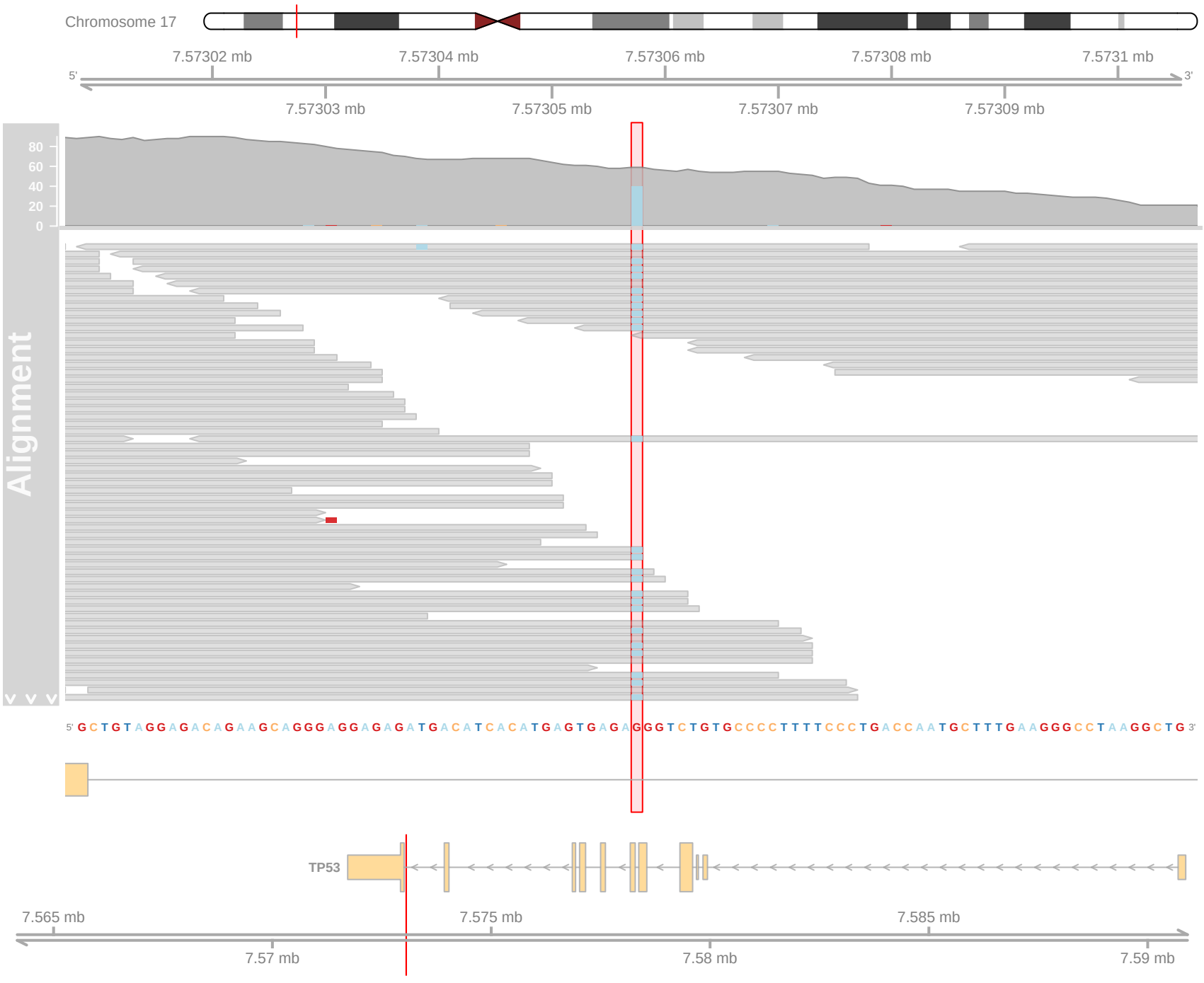

17:7573057 (G → A)
zoom on maximum q−value = 100
QVAL
100
80
60
40
20
0
Number of ALT reads (AO)
0
2
4
6
8
0
50
100
150
200
250
Coverage (DP)


Allelic fraction effect
QVAL
100
80
60
40
20
0
log10 [Allelic Fraction (AF)]
−0.5
−1.0
−1.5
−2.0
−2.5
0
200
400
600
800
1000
QVAL

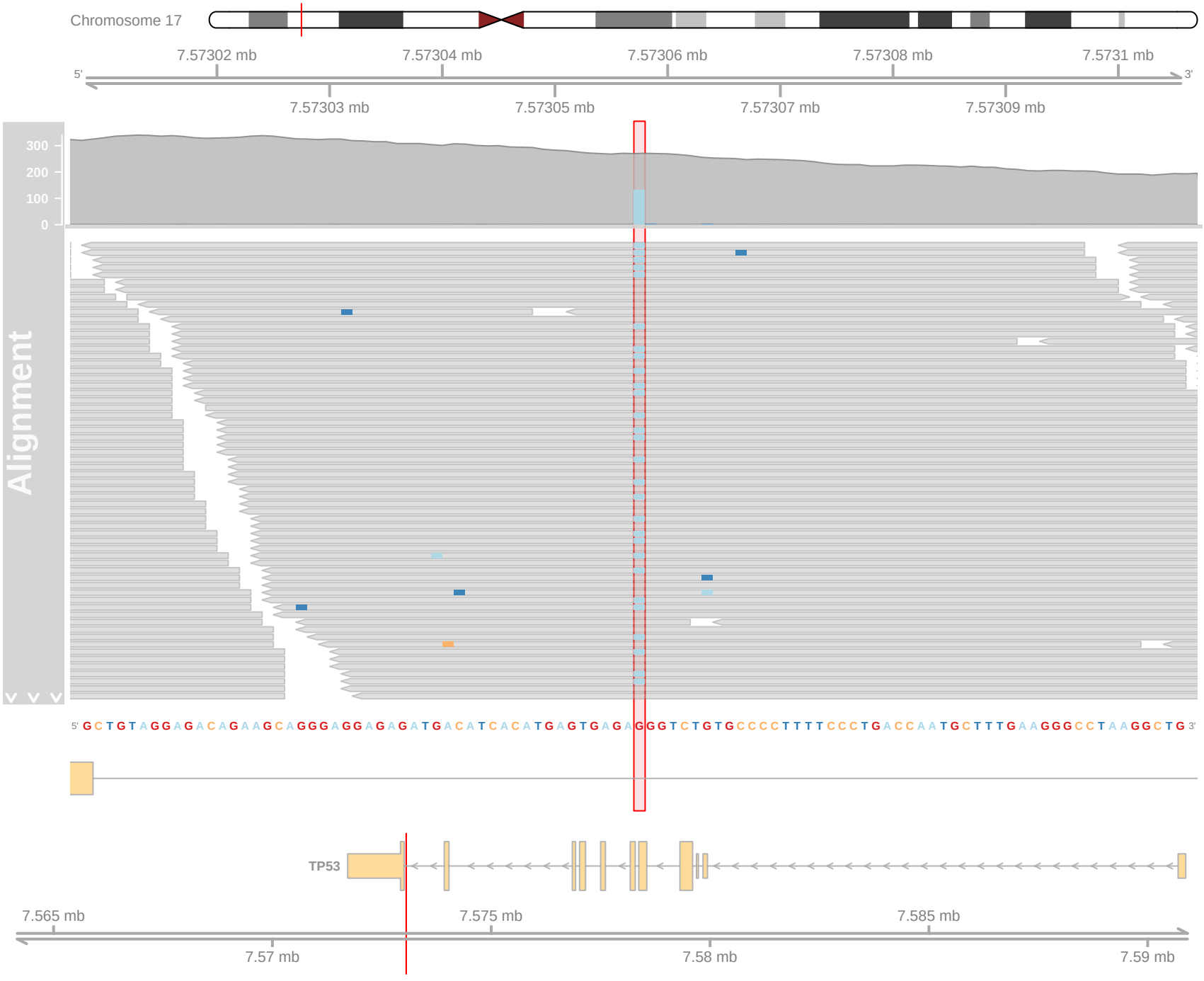

Allelic fraction effect
zoom on maximum q−value = 100
QVAL
100
80
60
40
20
0
log10 [Allelic Fraction (AF)]
−1.6
−1.8
−2.0
−2.2
−2.4
0
20
40
60
80
100
QVAL


QVAL
100
80
60
40
20
0
0.0
−0.5
−1.0
−1.5
−2.0
log10 [min(AF)]
0
50
100
150
200
250
DP

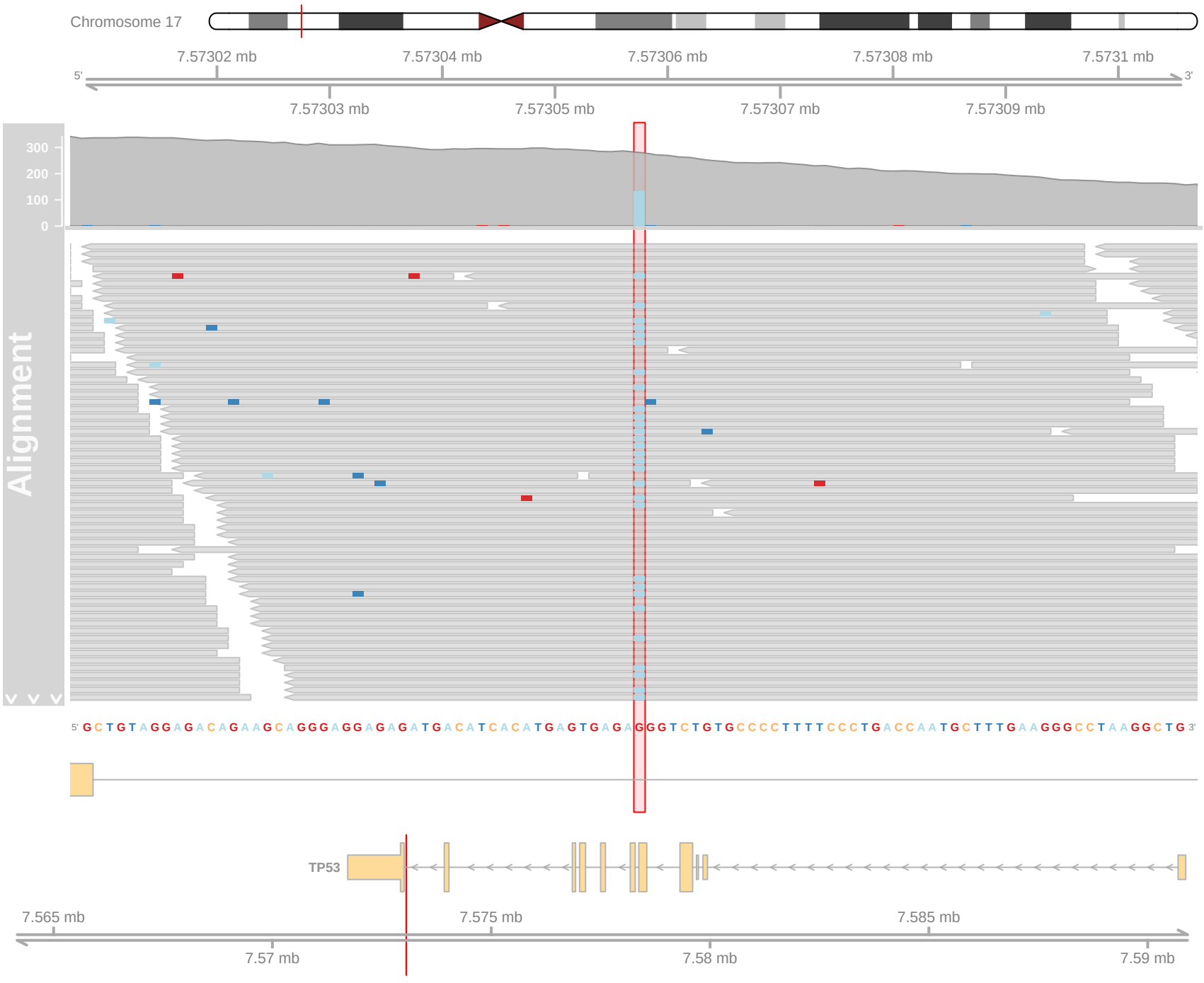
NA12005


Chromosome 17
7.57302 mb
7.57304 mb
7.57306 mb
7.57308 mb
7.5731 mb
5'
3'
7.57303 mb
7.57305 mb
7.57307 mb
7.57309 mb
80
60
40
20
0
Alignment
5' GCTGTAGGAGACAGAAGCAGGGAGGAGAGATGACATCACATGAGTGAGAGGGTCTGTGCCCCTTTTCCCTGACCAATGCTTTGAAGGGCCTAAGGCTG 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

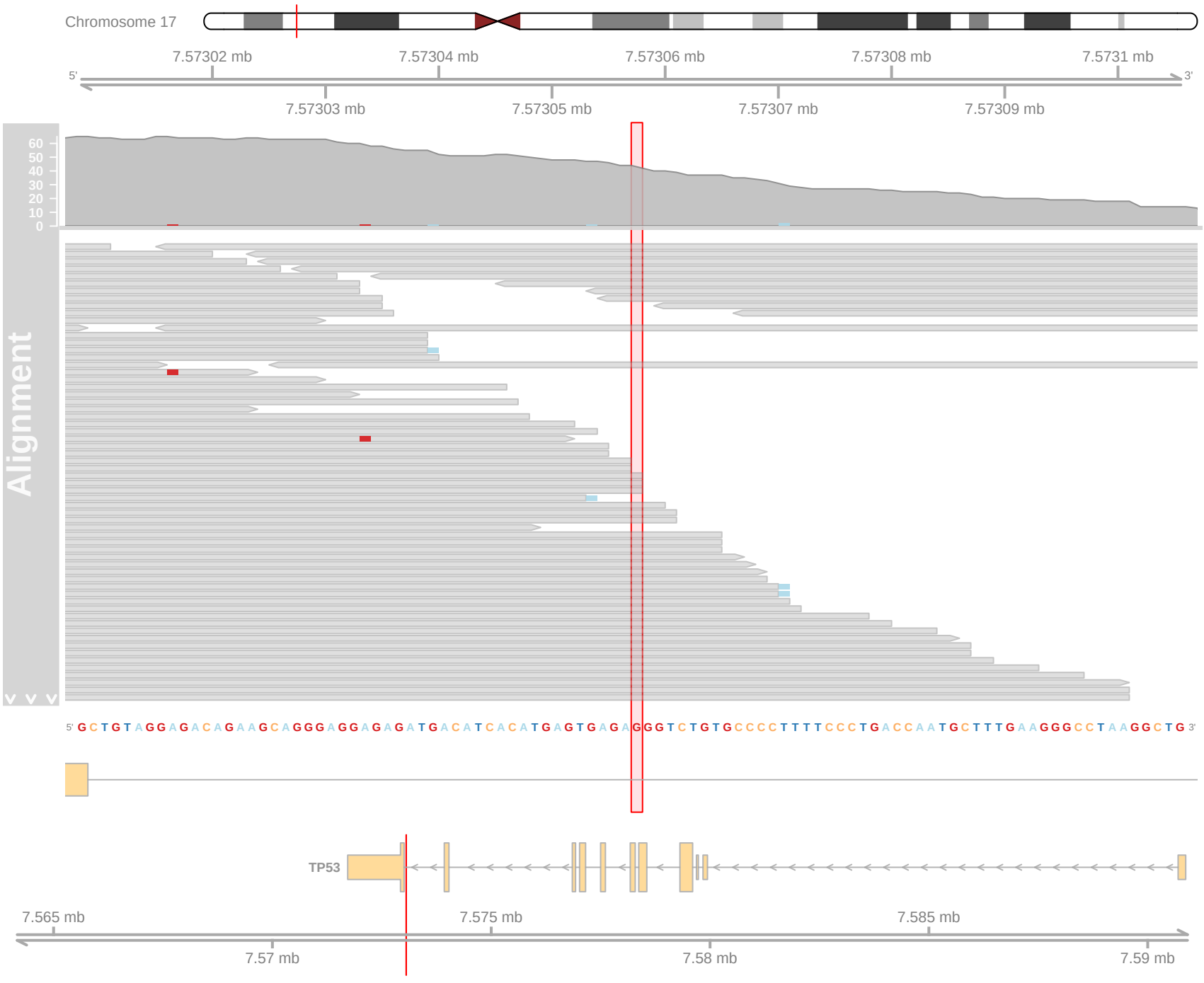
NA12546


Chromosome 17
7.57302 mb
7.57304 mb
7.57306 mb
7.57308 mb
7.5731 mb
5'
3'
7.57303 mb
7.57305 mb
7.57307 mb
7.57309 mb
300
200
100
0
Alignment
5' GCTGTAGGAGACAGAAGCAGGGAGGAGAGATGACATCACATGAGTGAGAGGGTCTGTGCCCCTTTTCCCTGACCAATGCTTTGAAGGGCCTAAGGCTG 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

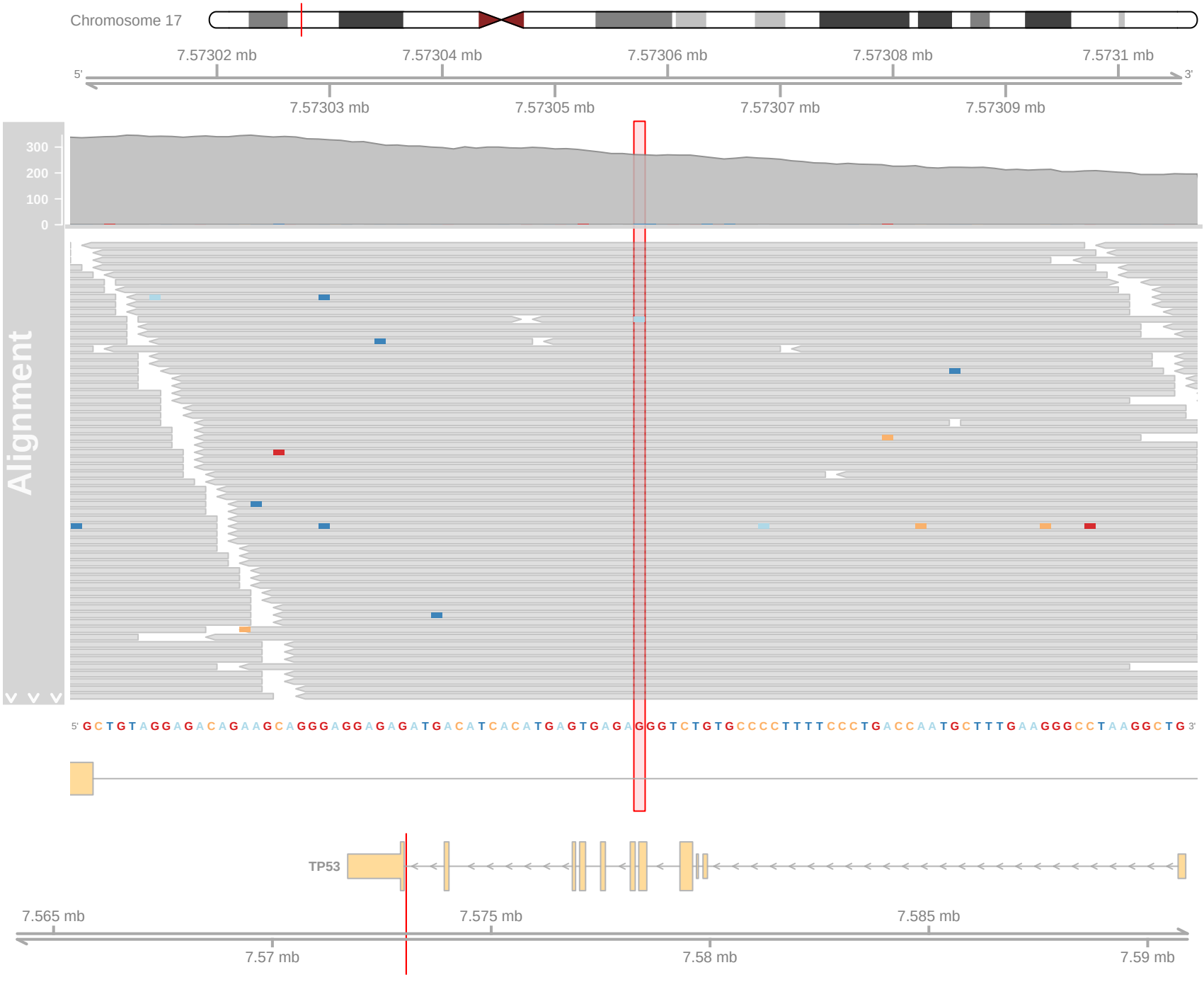
NA12778


Chromosome 17
7.57302 mb
7.57304 mb
7.57306 mb
7.57308 mb
7.5731 mb
5'
3'
7.57303 mb
7.57305 mb
7.57307 mb
7.57309 mb
300
200
100
0
Alignment
5' GCTGTAGGAGACAGAAGCAGGGAGGAGAGATGACATCACATGAGTGAGAGGGTCTGTGCCCCTTTTCCCTGACCAATGCTTTGAAGGGCCTAAGGCTG 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

NA12046*


Chromosome 17
7.57302 mb
7.57304 mb
7.57306 mb
7.57308 mb
7.5731 mb
5'
3'
7.57303 mb
7.57305 mb
7.57307 mb
7.57309 mb
60
50
40
30
20
10
0
Alignment
5' GCTGTAGGAGACAGAAGCAGGGAGGAGAGATGACATCACATGAGTGAGAGGGTCTGTGCCCCTTTTCCCTGACCAATGCTTTGAAGGGCCTAAGGCTG 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

NA12777*


Chromosome 17
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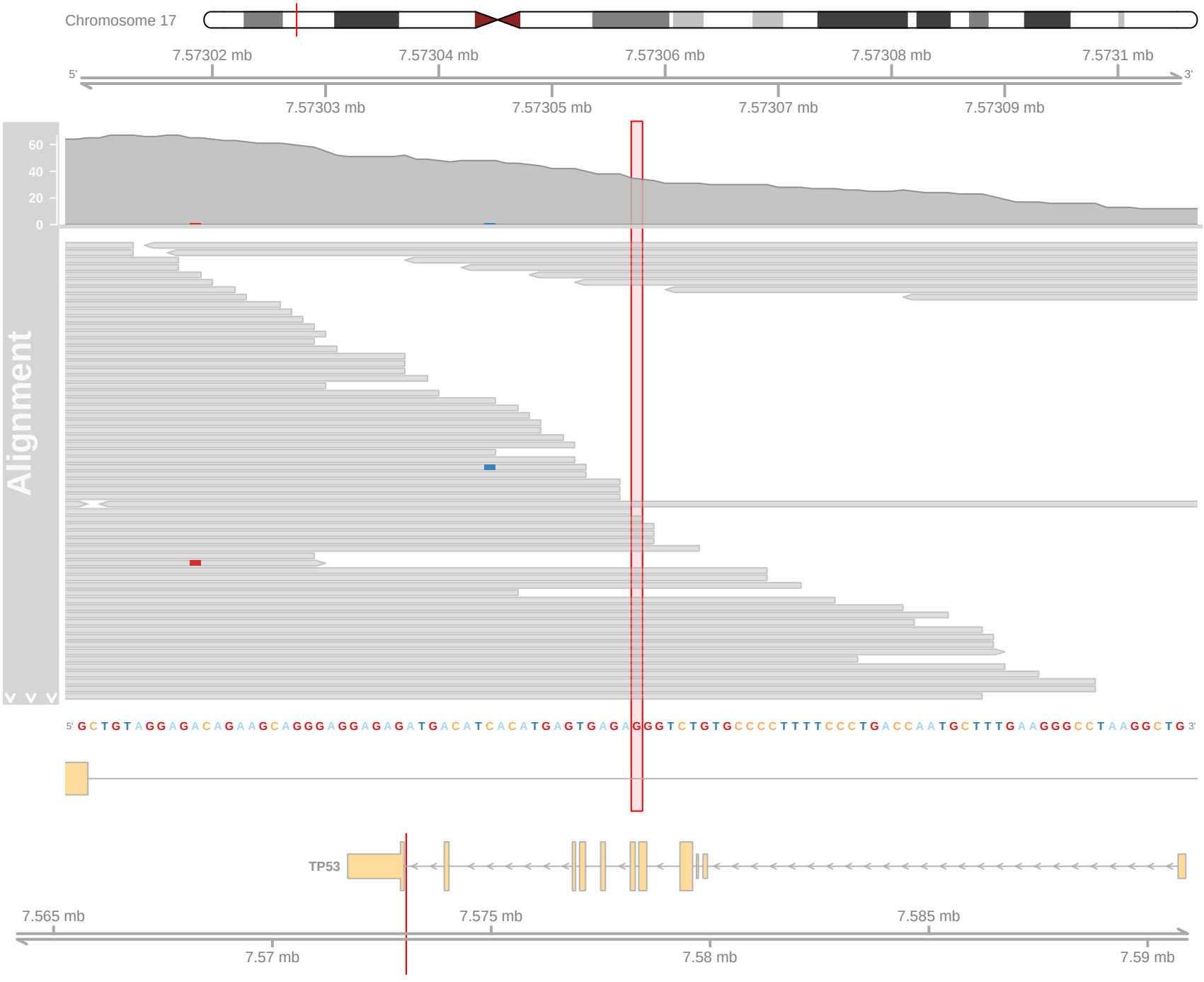
7.57304 mb
7.57306 mb
7.57308 mb
7.5731 mb
5'
3'
7.57303 mb
7.57305 mb
7.57307 mb
7.57309 mb
300
200
100
0
Alignment
5' GCTGTAGGAGACAGAAGCAGGGAGGAGAGATGACATCACATGAGTGAGAGGGTCTGTGCCCCTTTTCCCTGACCAATGCTTTGAAGGGCCTAAGGCTG 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

NA11829*


Chromosome 17
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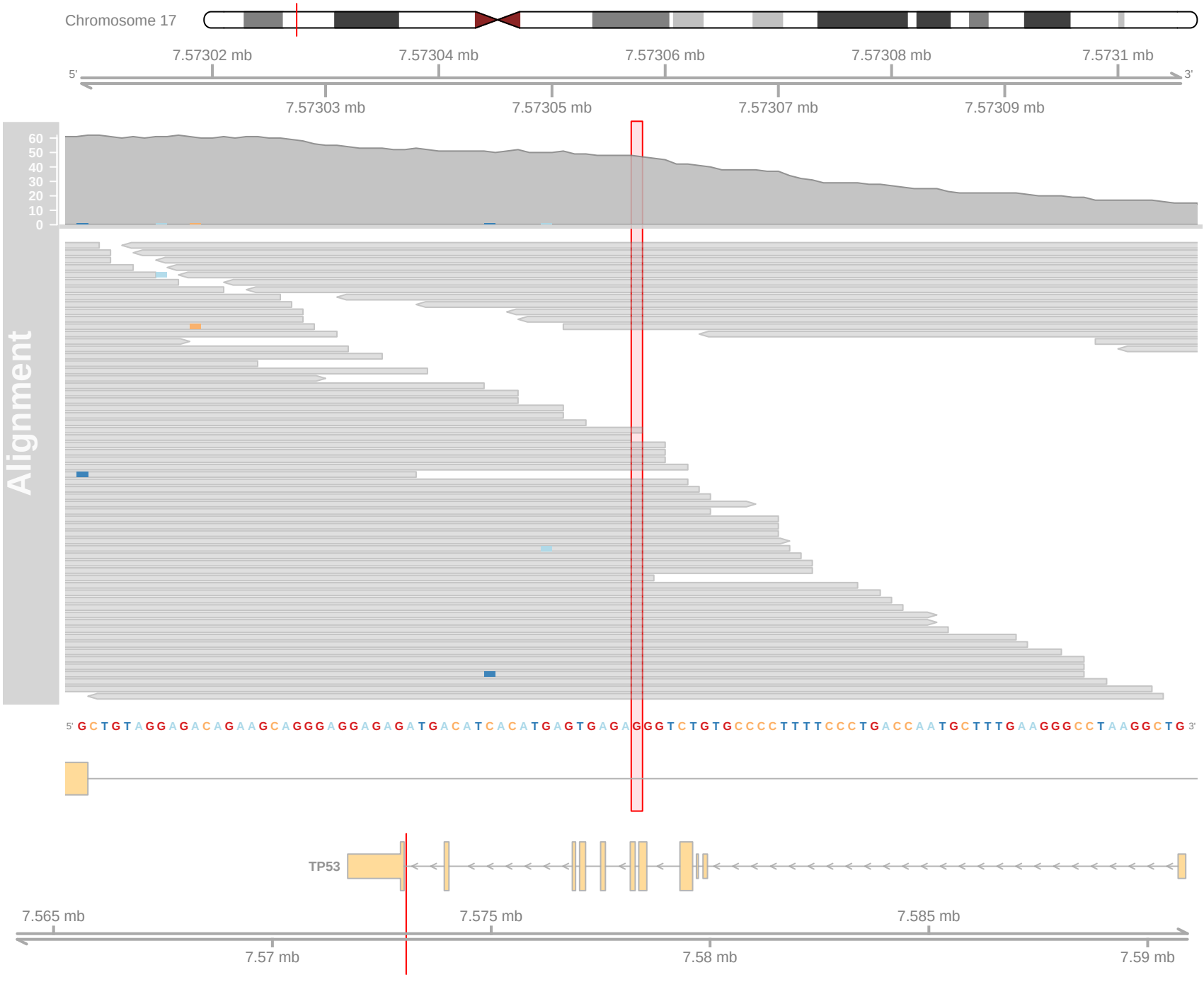
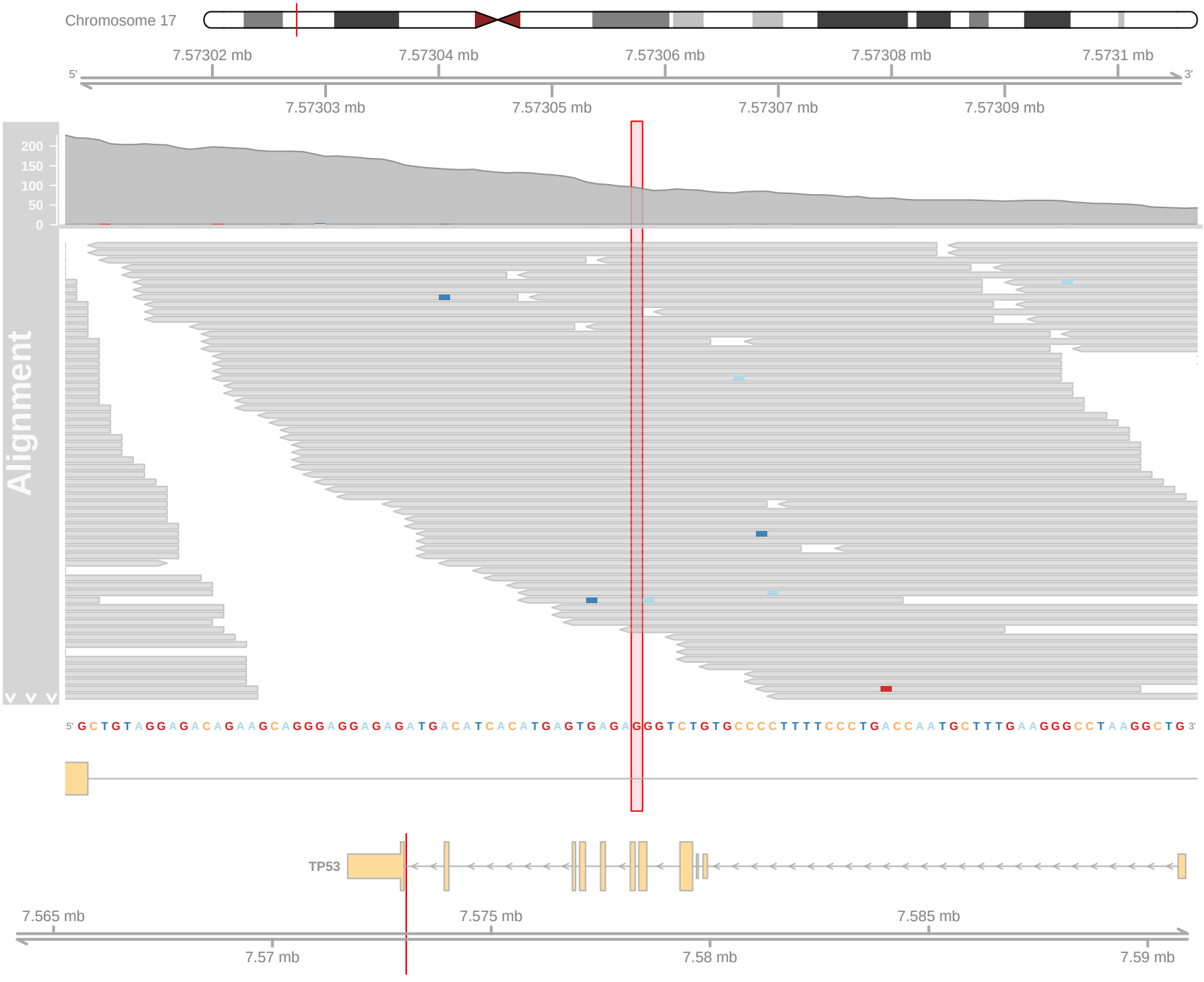
7.57304 mb
7.57306 mb
7.57308 mb
7.5731 mb
5'
3'
7.57303 mb
7.57305 mb
7.57307 mb
7.57309 mb
60
40
20
0
Alignment
5' GCTGTAGGAGACAGAAGCAGGGAGGAGAGATGACATCACATGAGTGAGAGGGTCTGTGCCCCTTTTCCCTGACCAATGCTTTGAAGGGCCTAAGGCTG 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

NA12873*


Chromosome 17
7.57302 mb
7.57304 mb
7.57306 mb
7.57308 mb
7.5731 mb
5'
3'
7.57303 mb
7.57305 mb
7.57307 mb
7.57309 mb
60
50
40
30
20
10
0
Alignment
5' GCTGTAGGAGACAGAAGCAGGGAGGAGAGATGACATCACATGAGTGAGAGGGTCTGTGCCCCTTTTCCCTGACCAATGCTTTGAAGGGCCTAAGGCTG 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

NA12400*


Chromosome 17
7.57302 mb
7.57304 mb
7.57306 mb
7.57308 mb
7.5731 mb
5'
3'
7.57303 mb
7.57305 mb
7.57307 mb
7.57309 mb
200
150
100
50
0
Alignment
5' GCTGTAGGAGACAGAAGCAGGGAGGAGAGATGACATCACATGAGTGAGAGGGTCTGTGCCCCTTTTTCCCTGACCAATGCTTTGAAGGGCCTAAGGCTG 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb