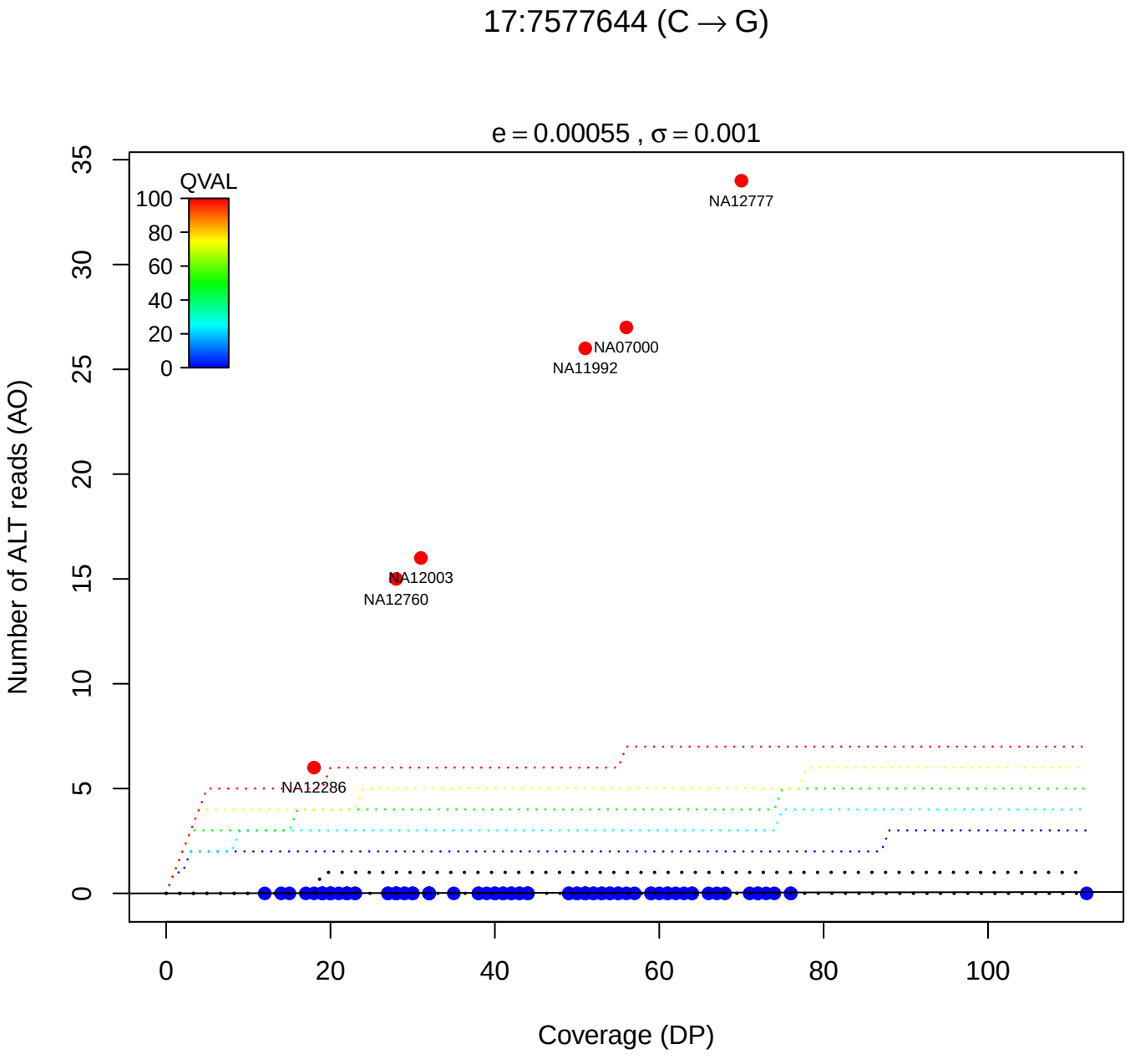
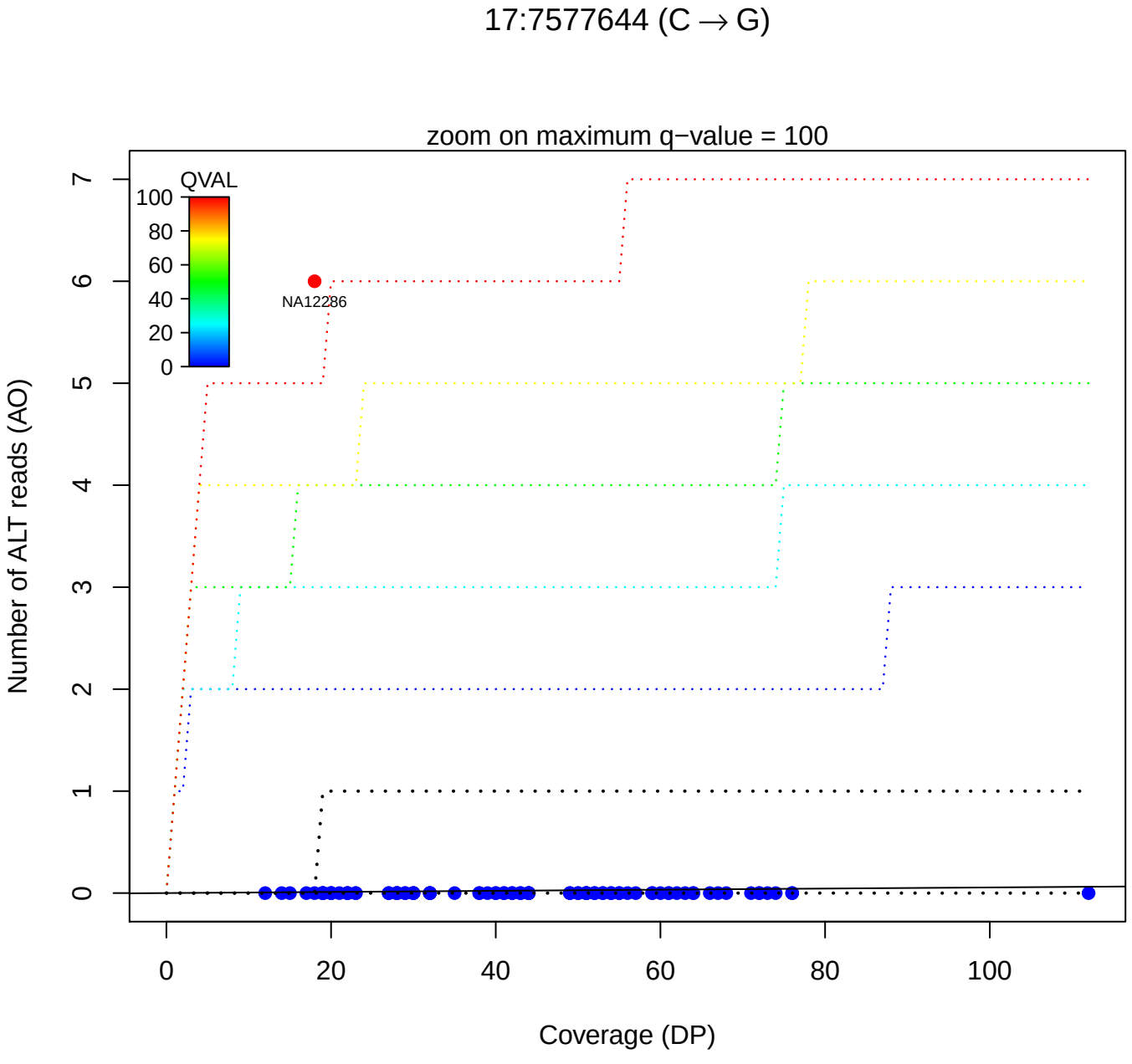
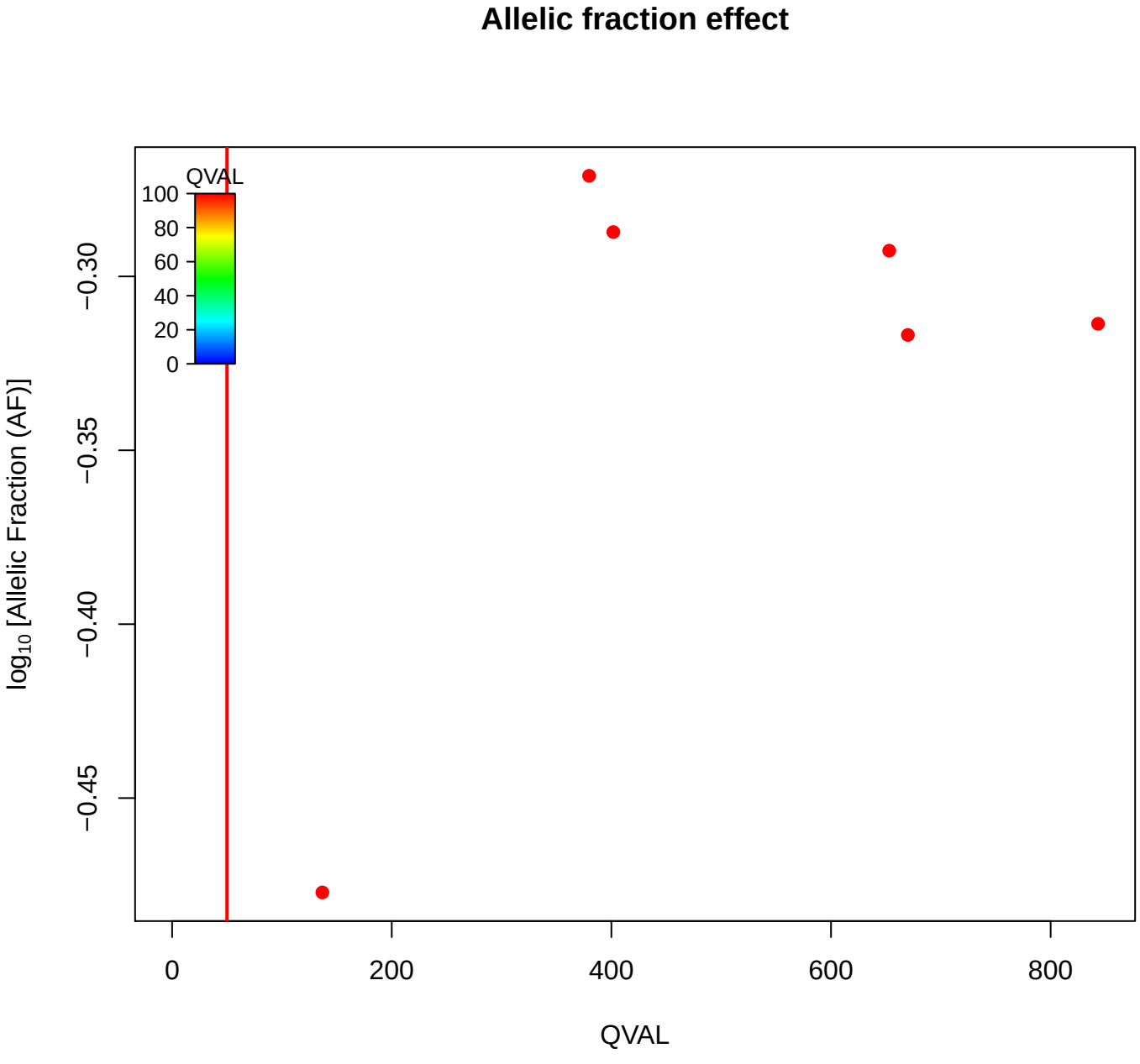
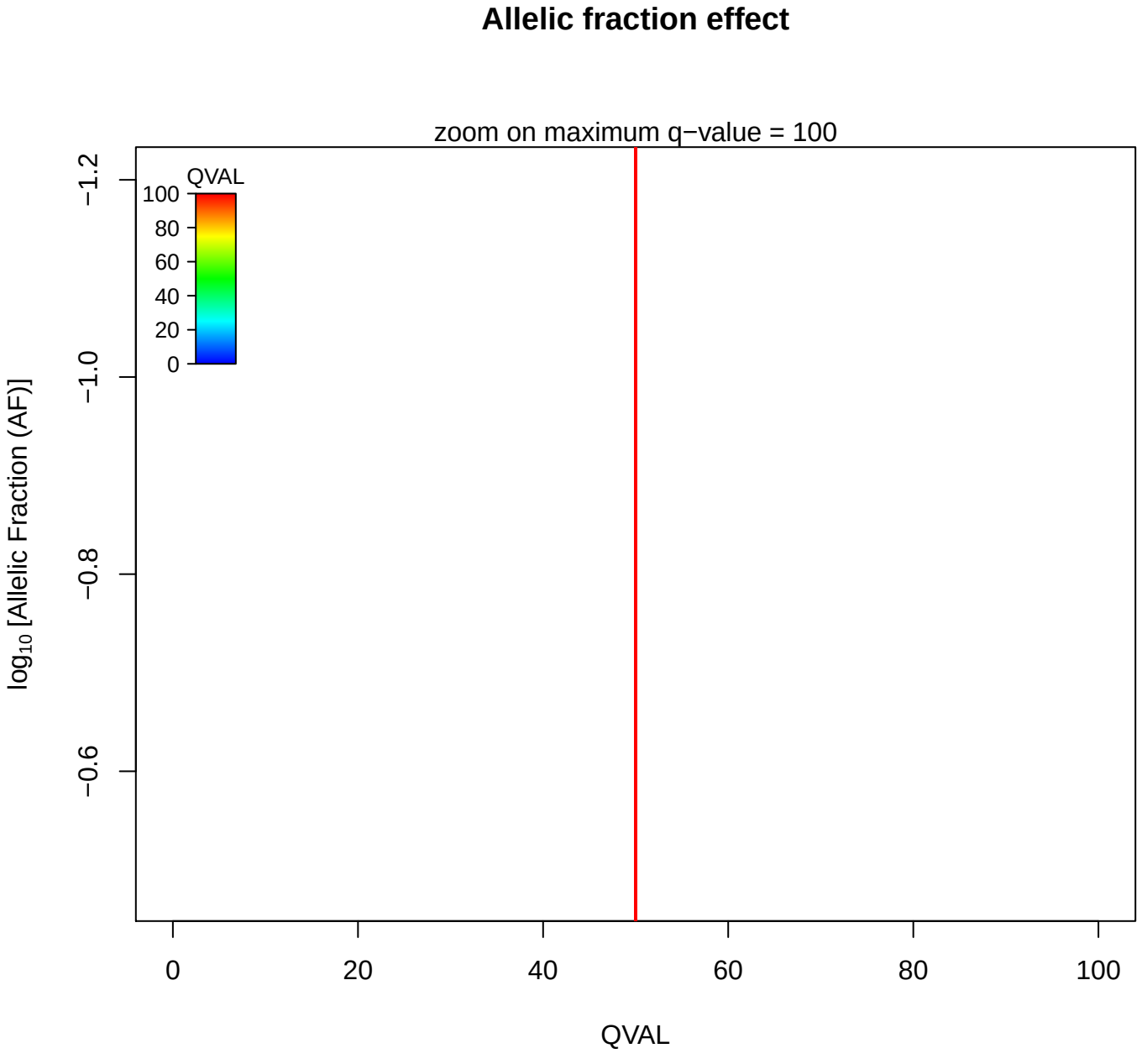
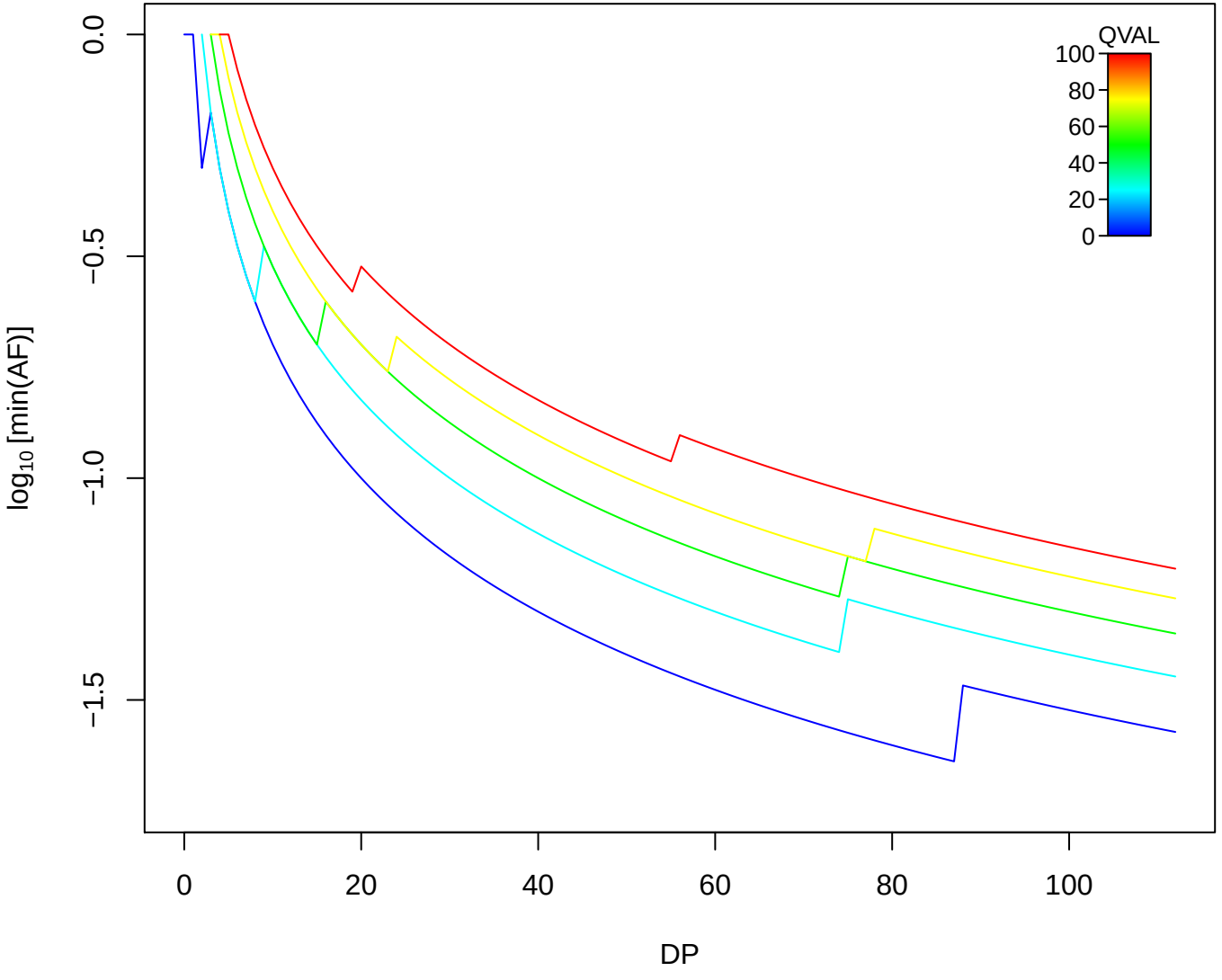

17:7577644 (C → G)
e = 0.00055 , σ = 0.001
QVAL
100
80
60
40
20
0
NA12777
NA07000
NA11992
NA12003
NA12760
NA12286
Number of ALT reads (AO)
0
5
10
15
20
25
30
35
0
20
40
60
80
100
Coverage (DP)

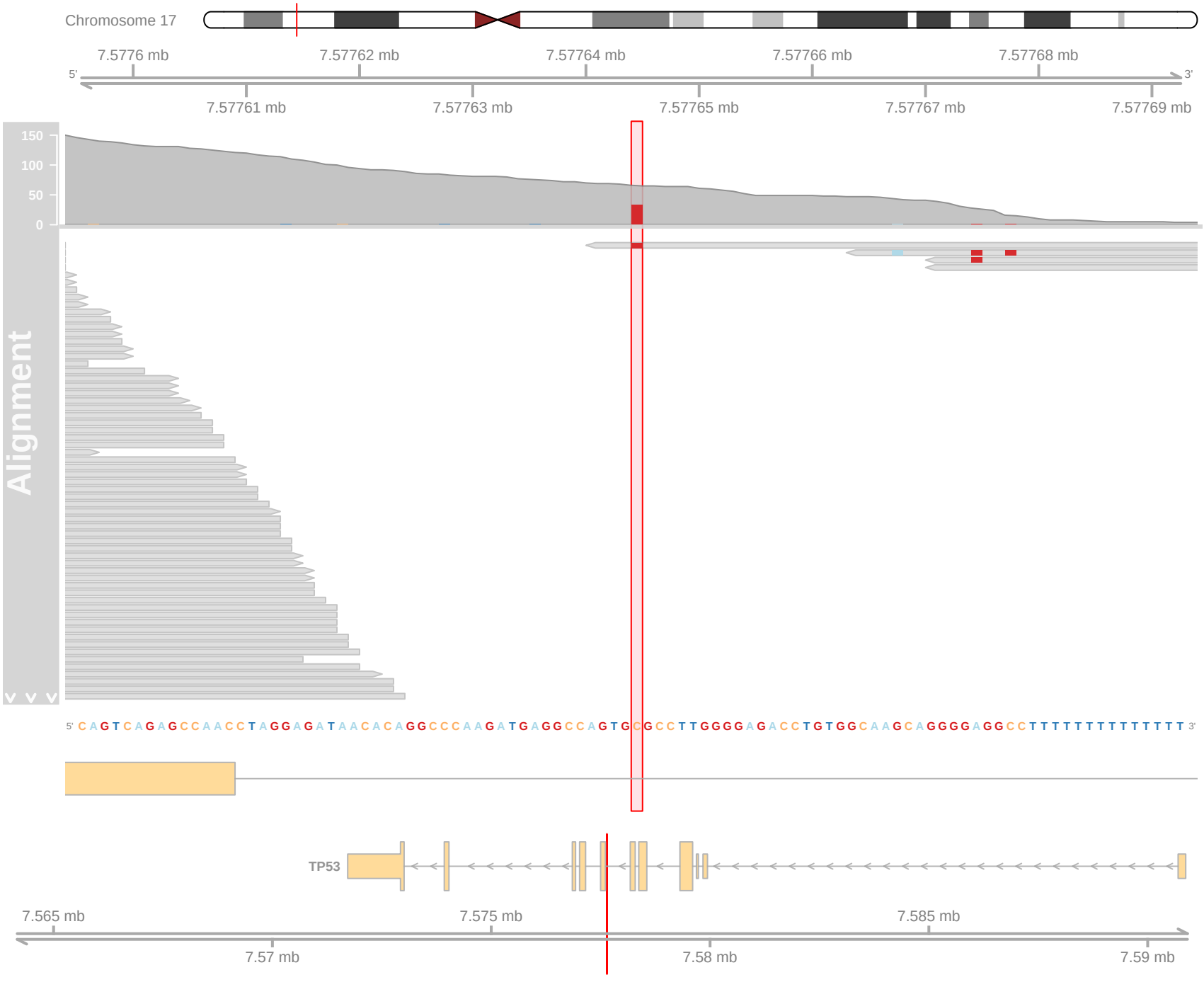

17:7577644 (C → G)
zoom on maximum q−value = 100
QVAL
100
80
60
40
20
0
NA12286
Number of ALT reads (AO)
0
1
2
3
4
5
6
7
0
20
40
60
80
100
Coverage (DP)


Allelic fraction effect
QVAL
100
80
60
40
20
0
log10 [Allelic Fraction (AF)]
−0.30
−0.35
−0.40
−0.45
0
200
400
600
800
QVAL

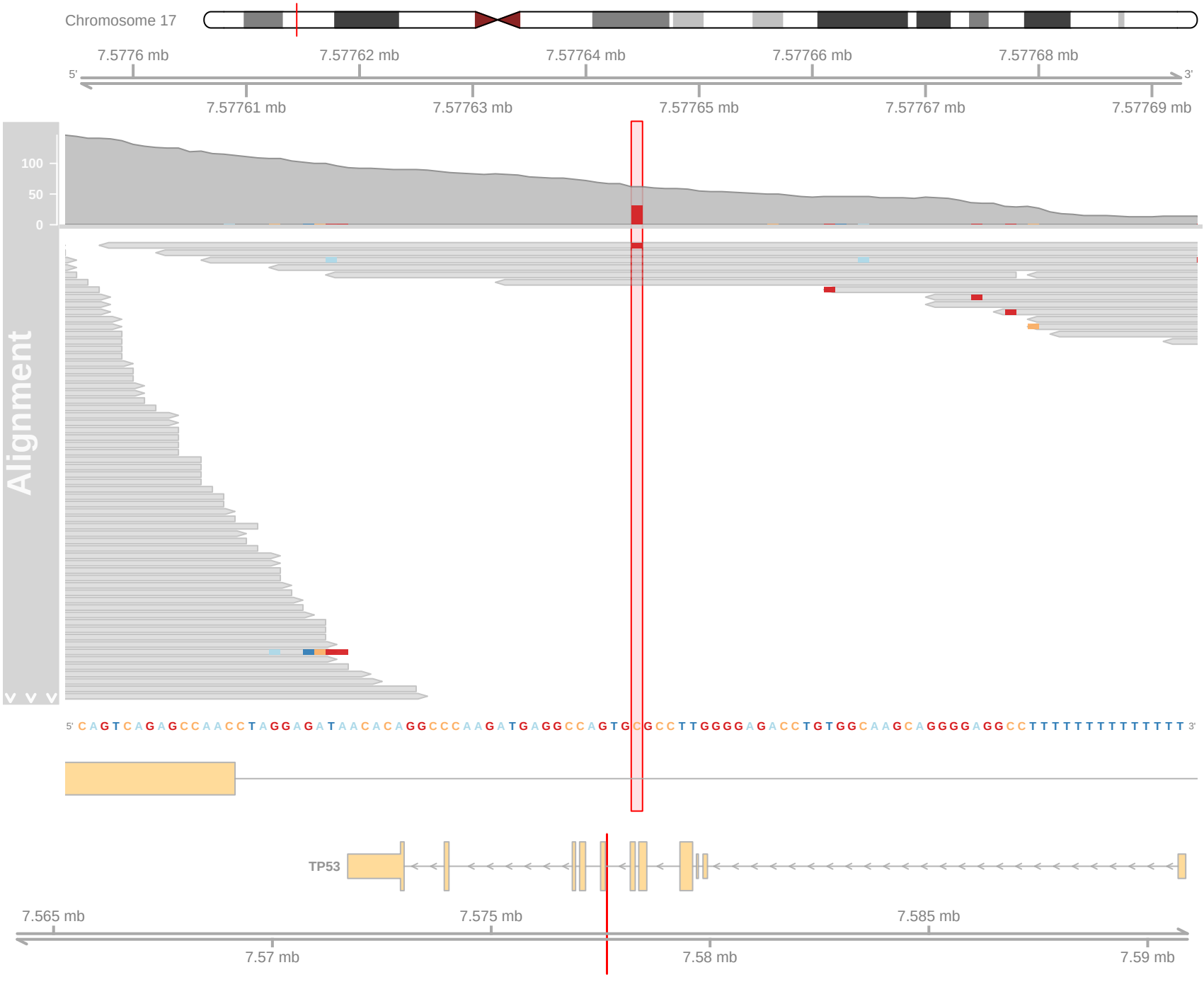

Allelic fraction effect
zoom on maximum q−value = 100
QVAL
100
80
60
40
20
0
−1.2
−1.0
−0.8
−0.6
log10 [Allelic Fraction (AF)]
0
20
40
60
80
100
QVAL


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

NA07000


Chromosome 17
7.5776 mb
7.57762 mb
7.57764 mb
7.57766 mb
7.57768 mb
5'
3'
7.57761 mb
7.57763 mb
7.57765 mb
7.57767 mb
7.57769 mb
150
100
50
0
Alignment
5' CAGTCAGAGCCAACCTAGGAGATAACACAGGCCCAAGATGAGGCCAGTGCGCCTTGGGGAGACCTGTGGCAAGCAGGGGAGGCCTTTTTTTTTTTTTTTT 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

NA11992


Chromosome 17
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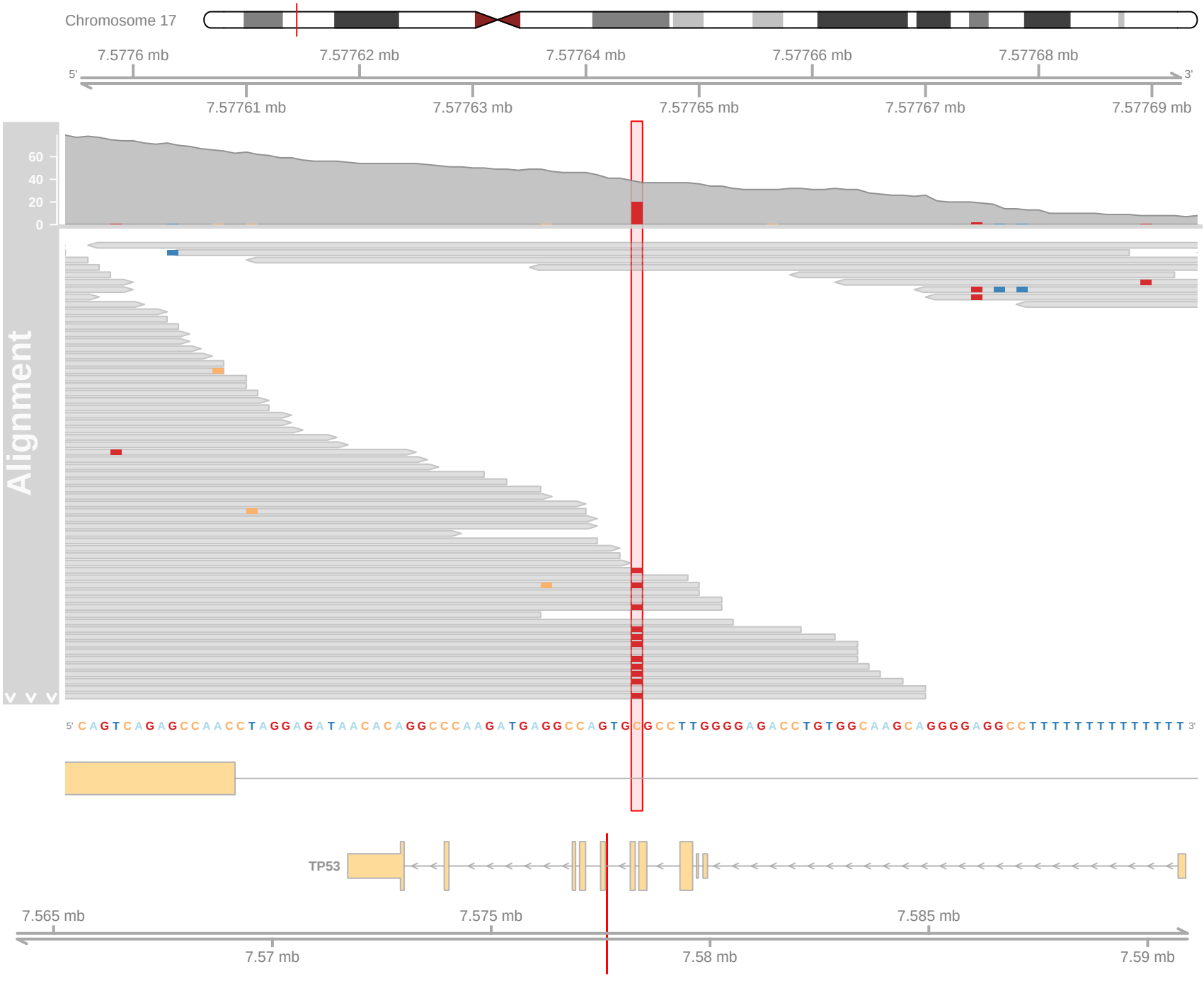
7.57764 mb
7.57766 mb
7.57768 mb
5'
3'
7.57761 mb
7.57763 mb
7.57765 mb
7.57767 mb
7.57769 mb
100
50
0
Alignment
5' CAGTCAGAGCCAACCTAGGAGATAACACAGGCCCAAGATGAGGCCAGTGCGCCTTGGGGAGACCTGTGGCAAGCAGGGGAGGCCTTTTTTTTTTTTTTTT 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

NA12003


Chromosome 17
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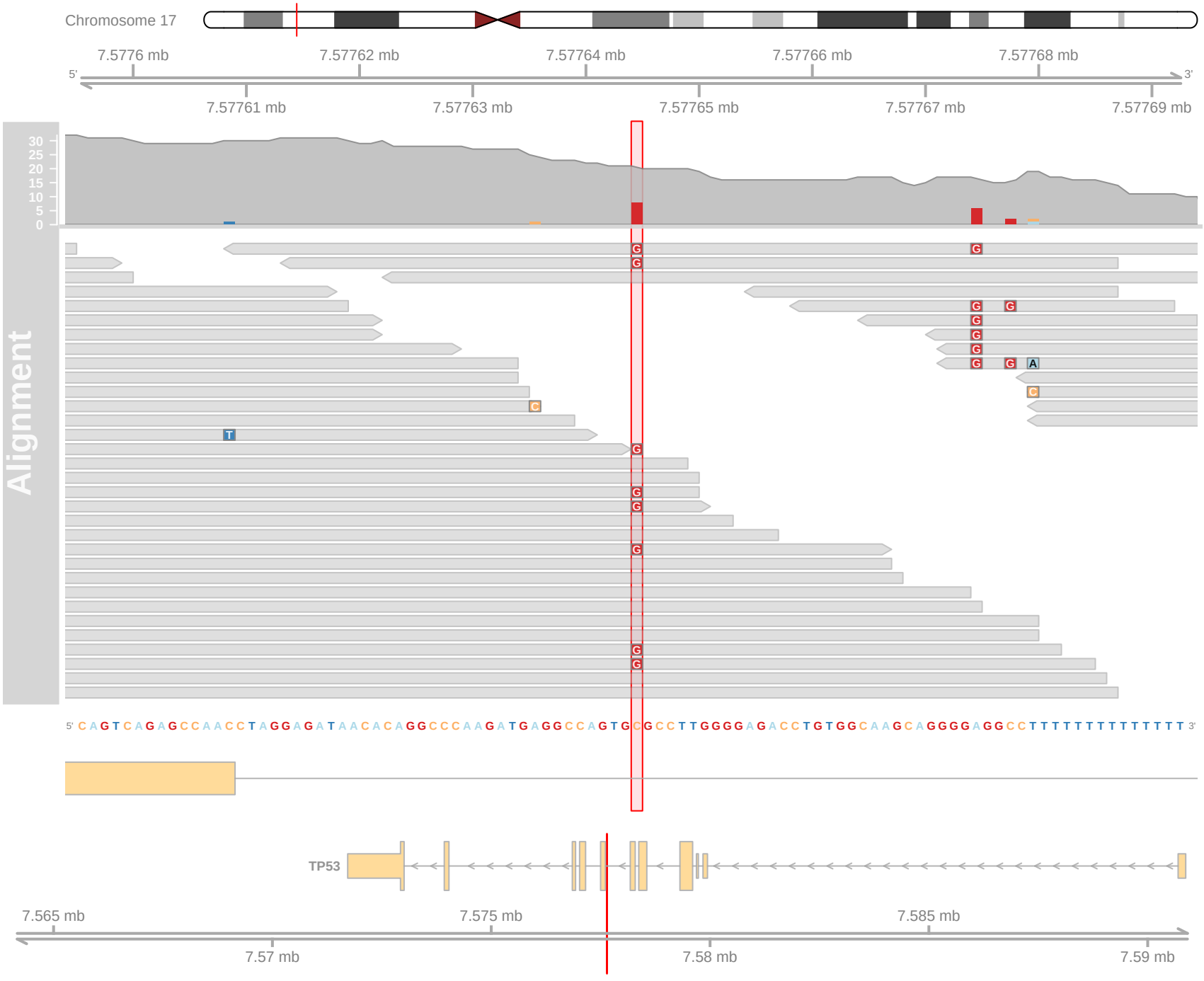
7.57768 mb
5'
3'
7.57761 mb
7.57763 mb
7.57765 mb
7.57767 mb
7.57769 mb
60
40
20
0
Alignment
5' CAGTCAGAGCCAACCTAGGAGATAACACAGGCCCAAGATGAGGCCAGTGCGCCTTGGGGAGACCTGTGGCAAGCAGGGGAGGCCTTTTTTTTTTTTTTTT 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

NA12286


Chromosome 17
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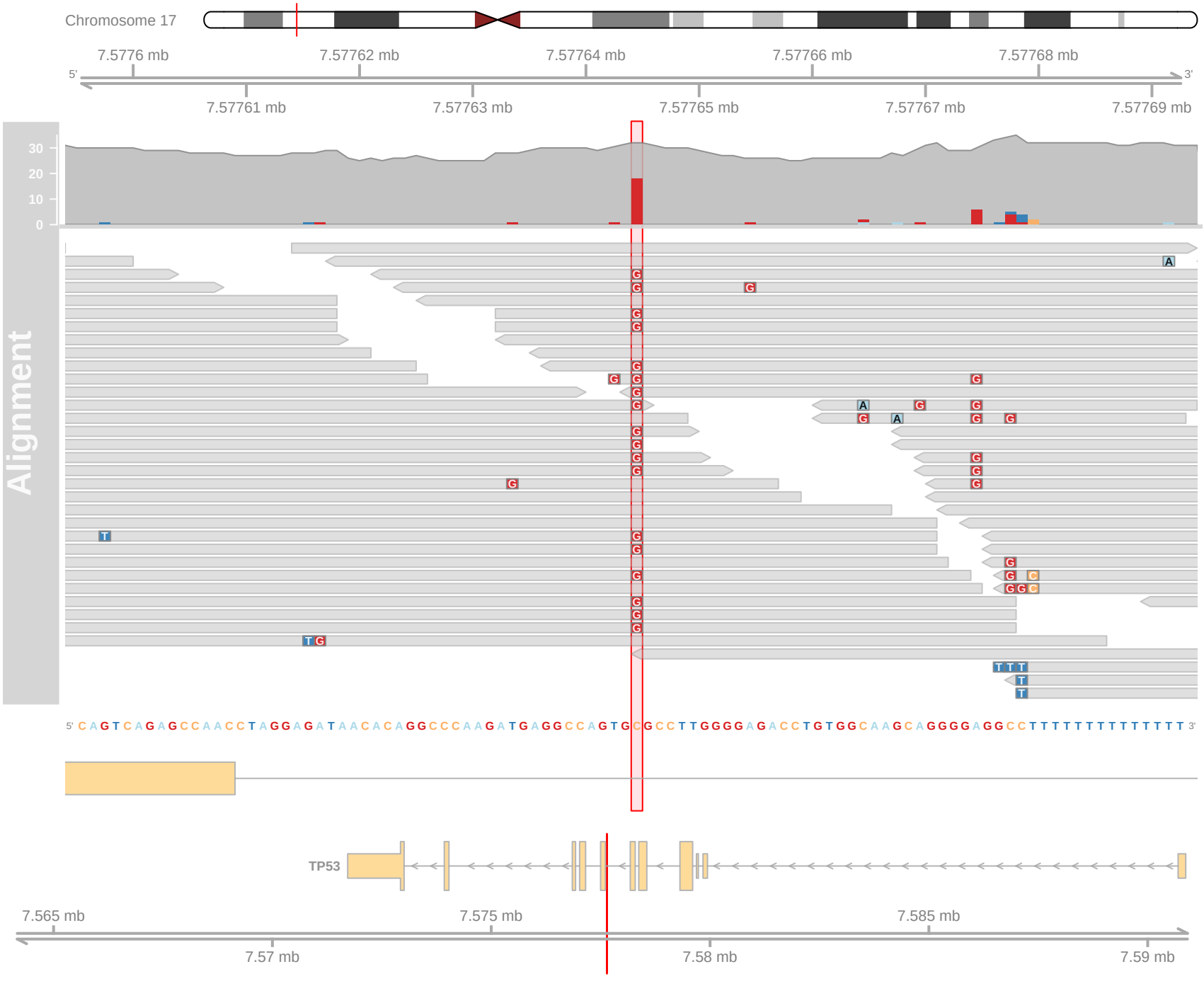
7.57762 mb
7.57764 mb
7.57766 mb
7.57768 mb
5'
3'
7.57761 mb
7.57763 mb
7.57765 mb
7.57767 mb
7.57769 mb
Alignment
30
25
20
15
10
5
0
5' CAGTCAGAGCCAACCTAGGAGATAACACAGGCCCAAGATGAGGCCAGTGCGCCTTGGGGAGACCTGTGGCAAGCAGGGGAGGCCTTTTTTTTTTTTTTTT 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

NA12760


Chromosome 17
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7.57764 mb
7.57766 mb
7.57768 mb
5'
3'
7.57761 mb
7.57763 mb
7.57765 mb
7.57767 mb
7.57769 mb
30
20
10
0
Alignment
5' CAGTCAGAGCCAACCTAGGAGATAACACAGGCCCAAGATGAGGCCAGTGCGCCTTGGGGAGACCTGTGGCAAGCAGGGGAGGCCTTTTTTTTTTTTTTTT 3'
TP53
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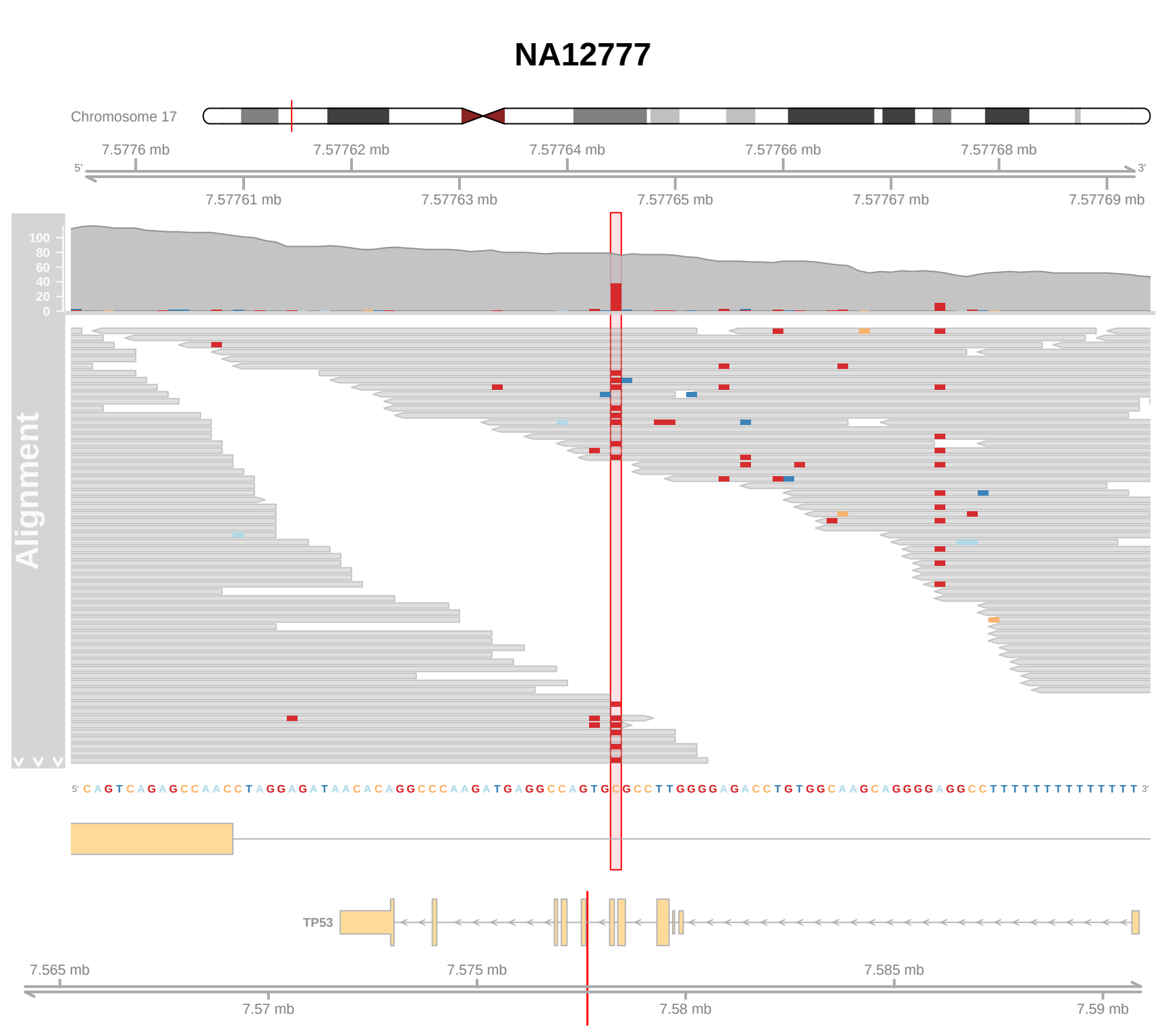
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb


NA12777
Chromosome 17
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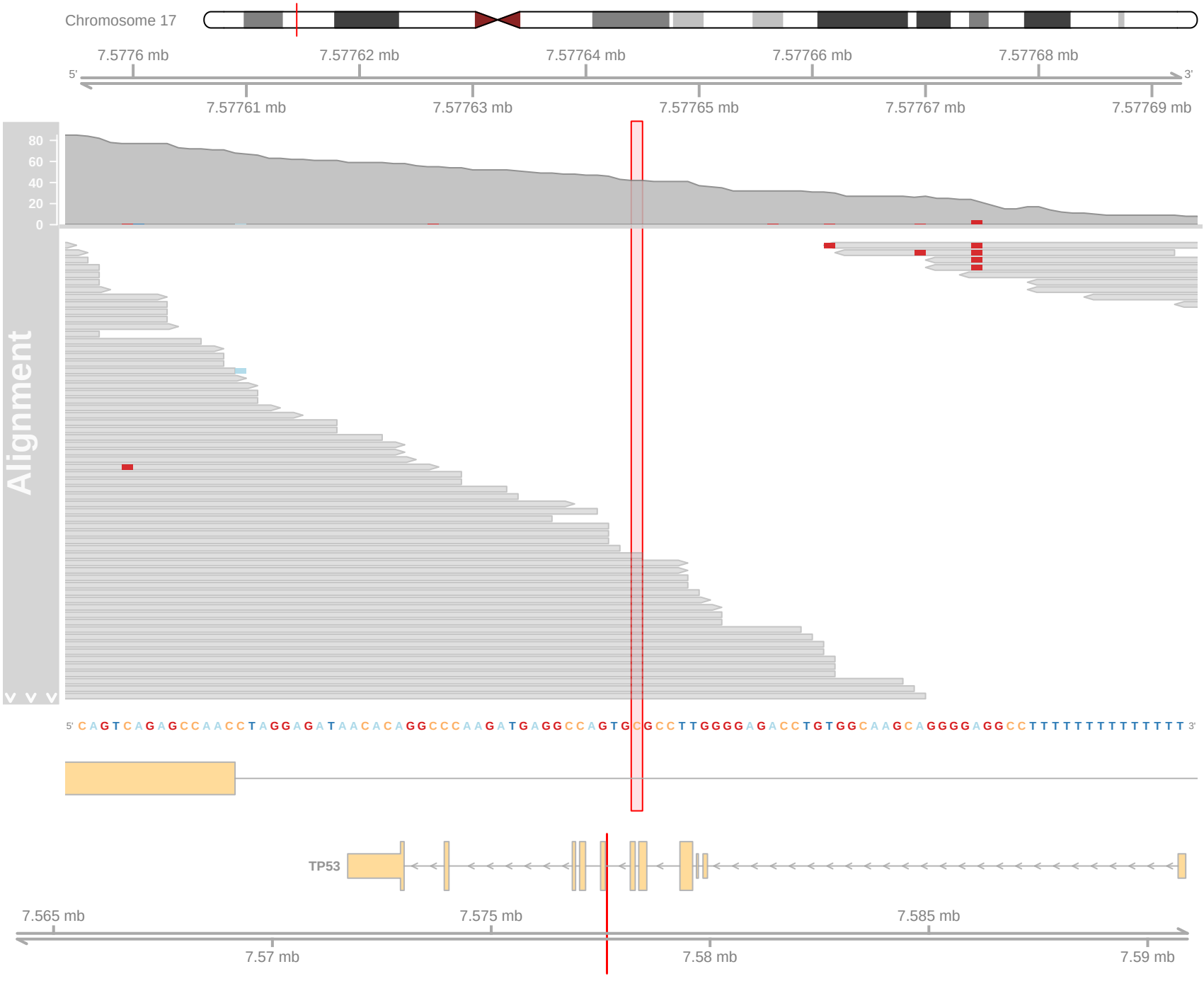
5'
3'
7.57761 mb
7.57763 mb
7.57765 mb
7.57767 mb
7.57769 mb
100
80
60
40
20
0
Alignment
5' CAGTCAGAGCCAACCTAGGAGATAACACAGGCCCAAGATGAGGCCAGTGCGCCTTGGGGAGACCTGTGGCAAGCAGGGGAGGCCTTTTTTTTTTTTTTTT 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

NA12874*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7.57764 mb
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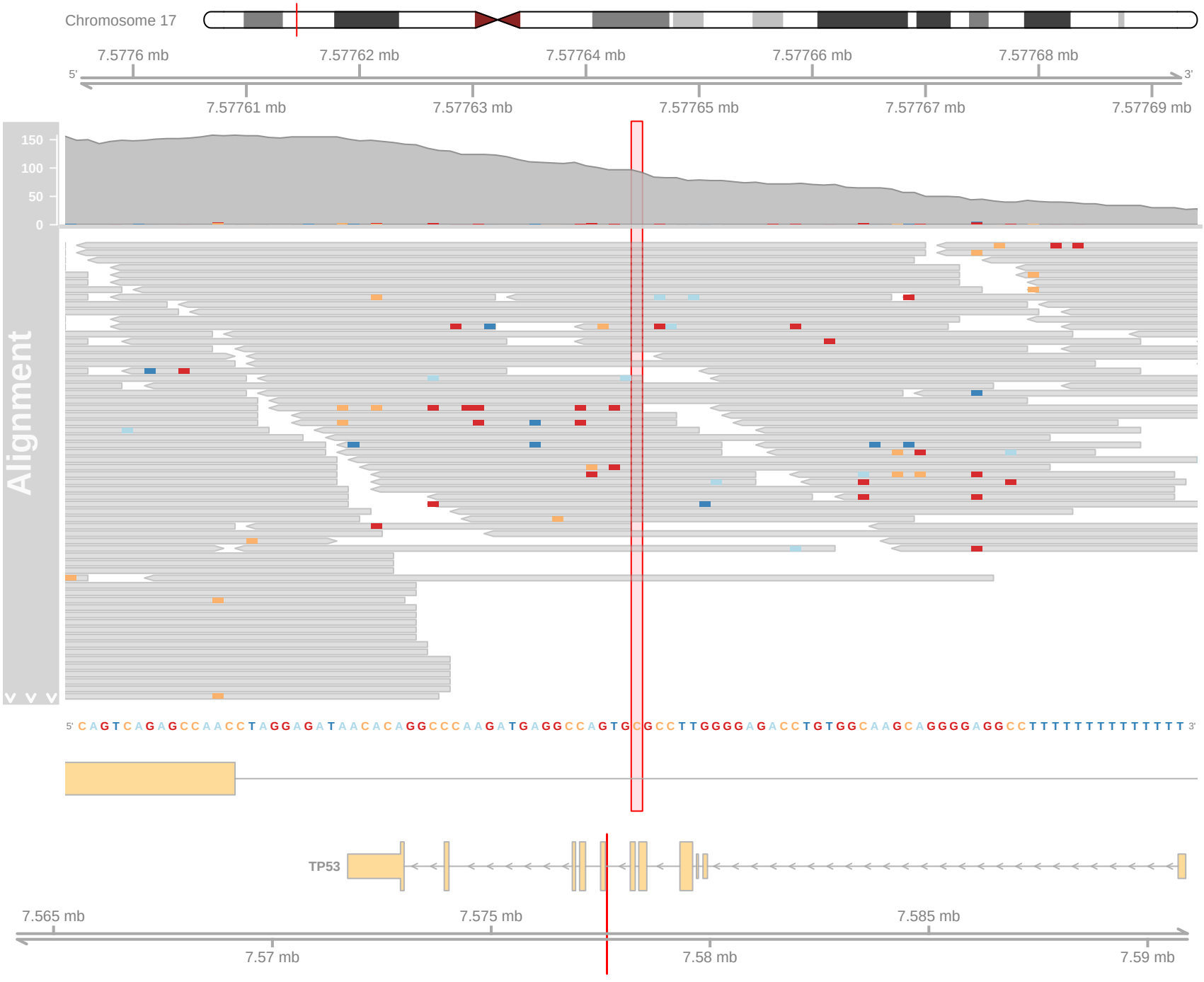
5'
3'
7.57761 mb
7.57763 mb
7.57765 mb
7.57767 mb
7.57769 mb
80
60
40
20
0
Alignment
5' CAGTCAGAGCCAACCTAGGAGATAACACAGGCCCAAGATGAGGCCAGTGCGCCTTGGGGAGACCTGTGGCAAGCAGGGGAGGCCTTTTTTTTTTTTTTT 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

NA12842*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7.57768 mb
5'
3'
7.57761 mb
7.57763 mb
7.57765 mb
7.57767 mb
7.57769 mb
150
100
50
0
Alignment
5' CAGTCAGAGCCAACCTAGGAGATAACACAGGCCCAAGATGAGGCCAGTGCGCCTTGGGGAGACCTGTGGCAAGCAGGGGAGGCCTTTTTTTTTTTTTTTT 3'
TP53
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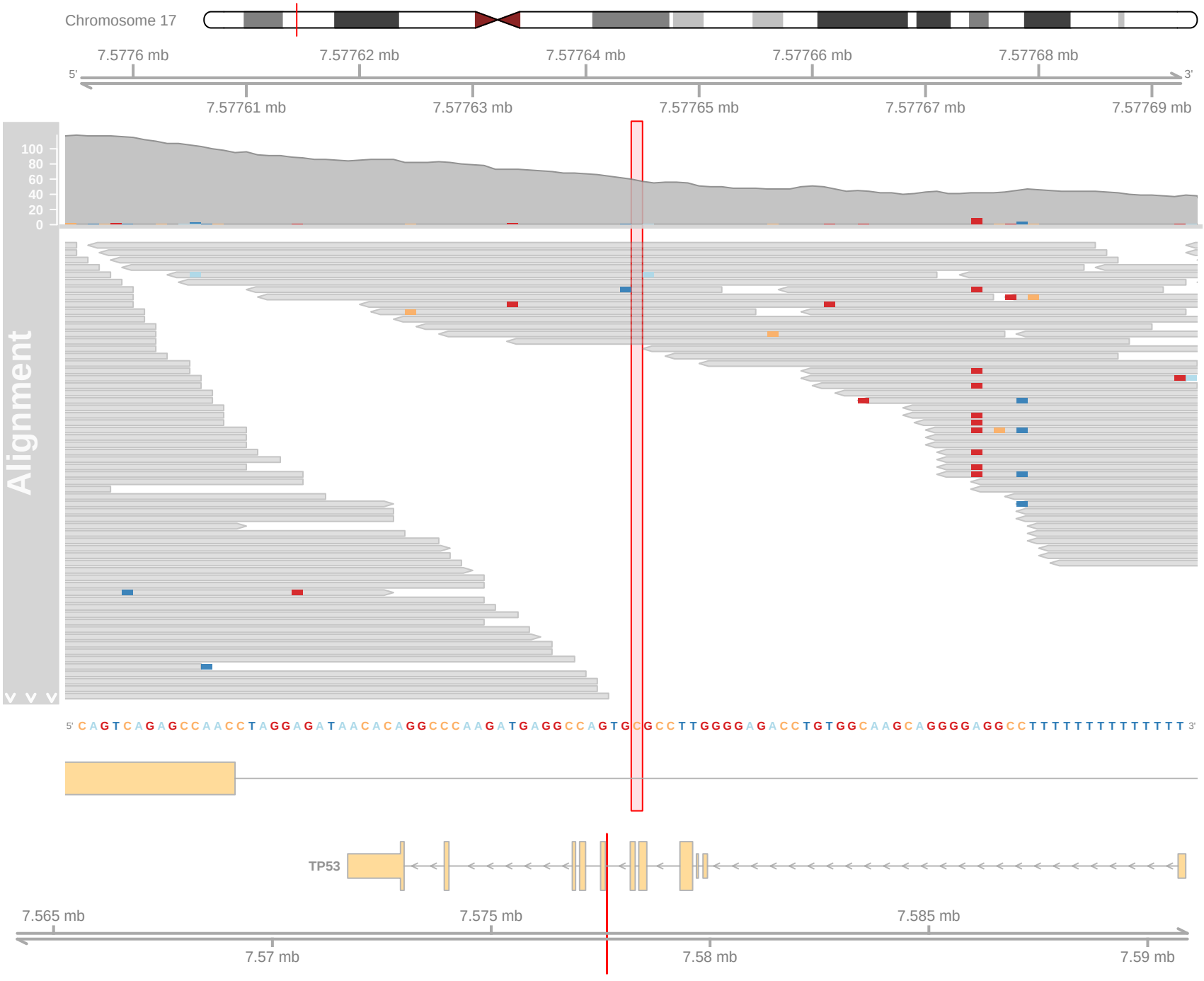
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb

NA12827*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3'
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7.57765 mb
7.57767 mb
7.57769 mb
100
80
60
40
20
0
Alignment
5' CAGTCAGAGCCAACCTAGGAGATAACACAGGCCCAAGATGAGGCCAGTGCGCCTTGGGGAGACCTGTGGCAAGCAGGGGAGGCCTTTTTTTTTTTTTTTT 3'
TP53
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7.575 mb
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7.57 mb
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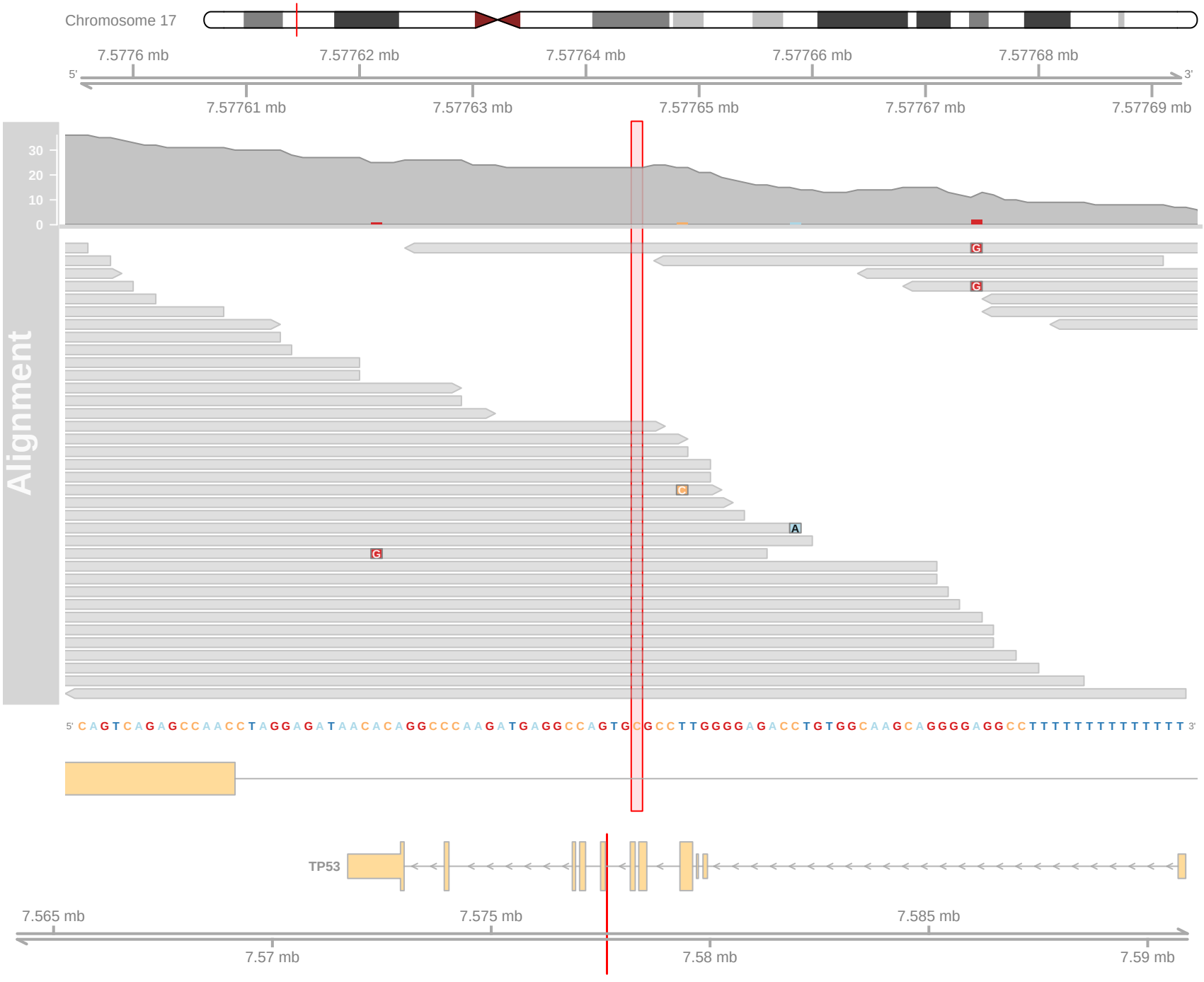
NA12275*


Chromosome 17
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5'
3'
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7.57763 mb
7.57765 mb
7.57767 mb
7.57769 mb
30
20
10
0
Alignment
5' CAGTCAGAGCCAACCTAGGAGATAACACAGGCCCAAGATGAGGCCAGTGCGCCTTGGGGAGACCTGTGGCAAGCAGGGGAGGCCTTTTTTTTTTTTTTT 3'
TP53
7.565 mb
7.575 mb
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7.57 mb
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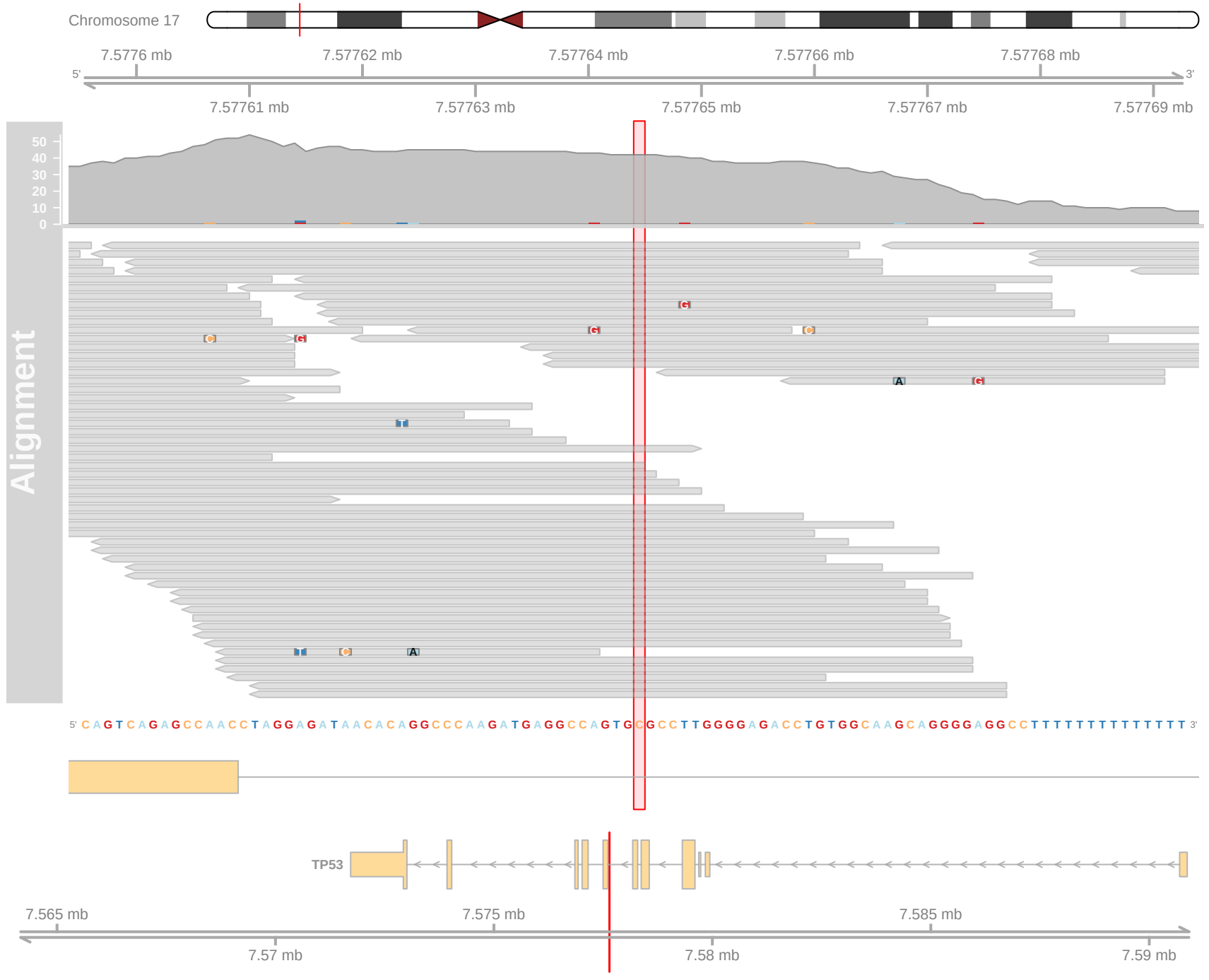
NA11930*


Chromosome 17
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7.57766 mb
7.57768 mb
5'
3'
7.57761 mb
7.57763 mb
7.57765 mb
7.57767 mb
7.57769 mb
50
40
30
20
10
0
Alignment
5' CAGTCAGAGCCAACCTAGGAGATAACACAGGCCCAAGATGAGGCCAGTGCGCCTTGGGGAGACCTGTGGCAAGCAGGGGAGGCCTTTTTTTTTTTTTTTT 3'
TP53
7.565 mb
7.575 mb
7.585 mb
7.57 mb
7.58 mb
7.59 mb