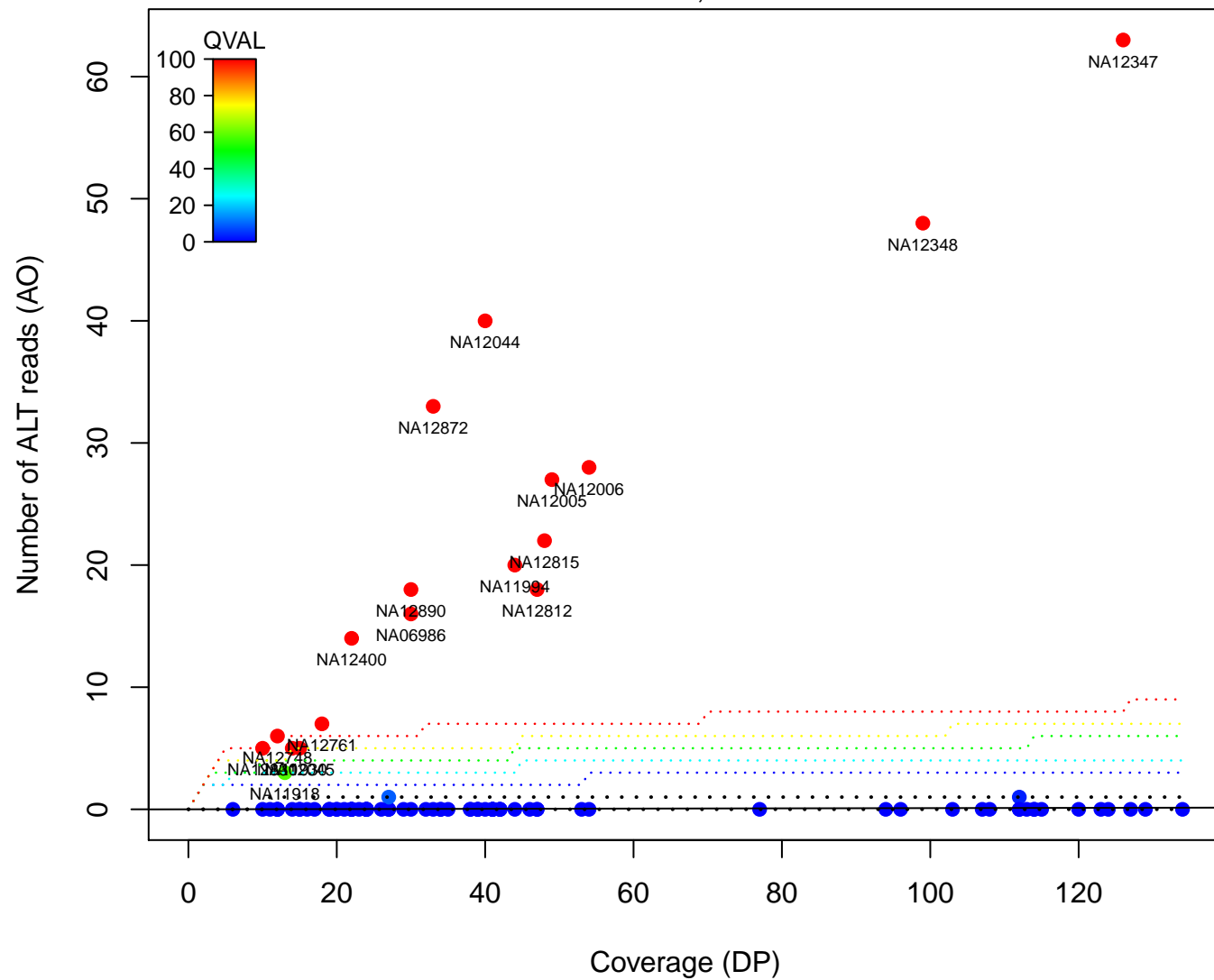
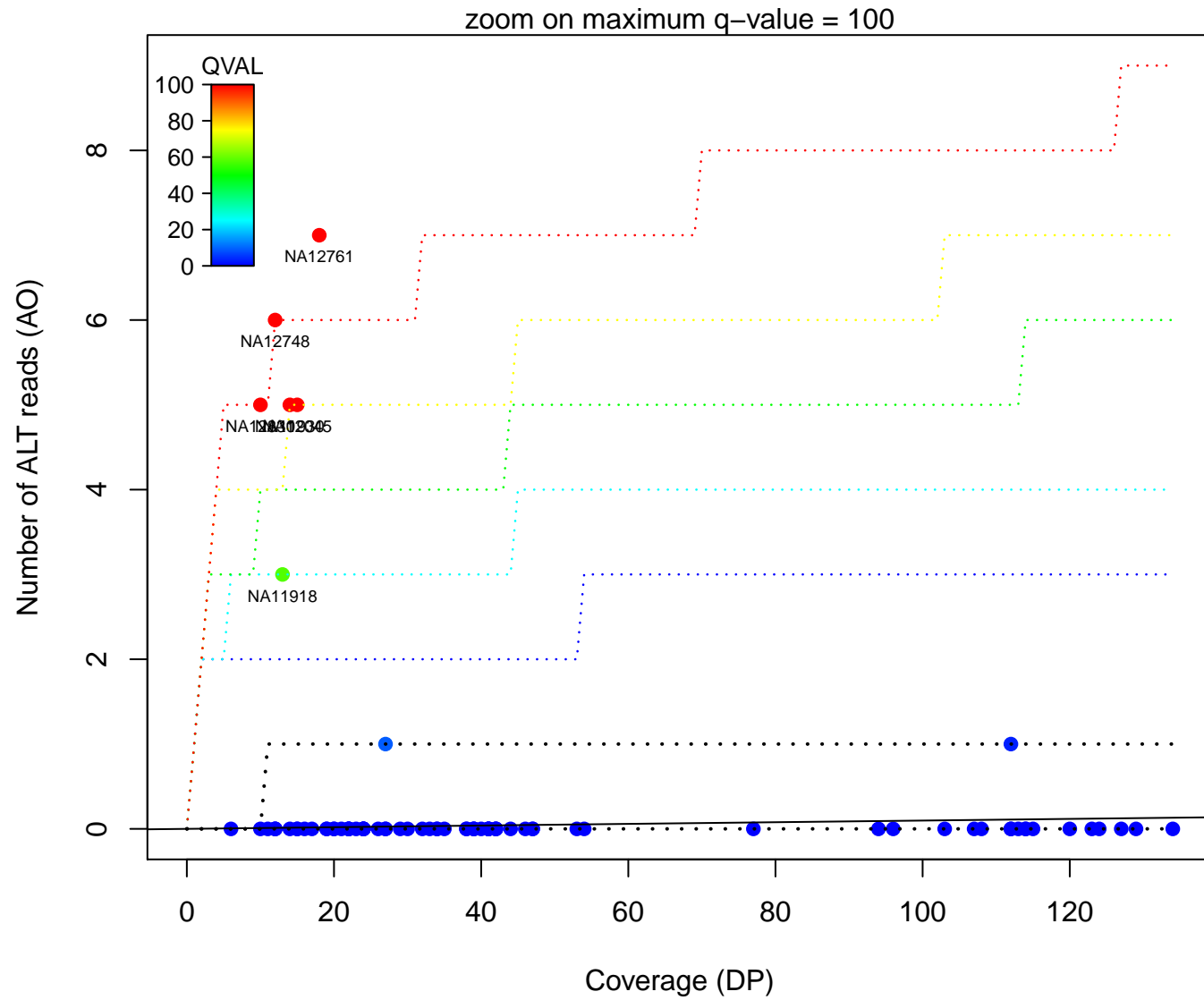


17:7577427 (G → A)

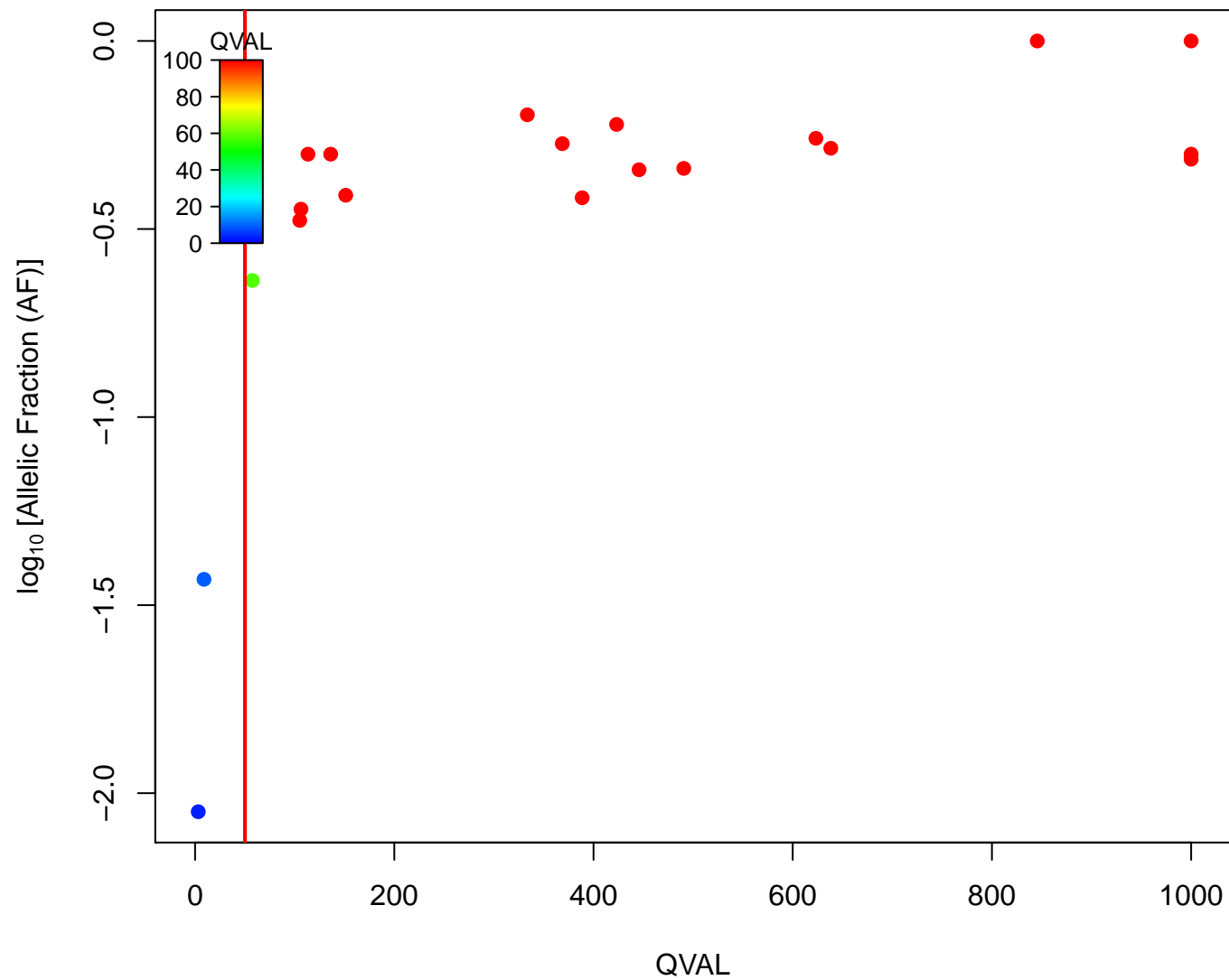
$e = 0.00098$ ,  $\sigma = 0.001$



17:7577427 (G → A)

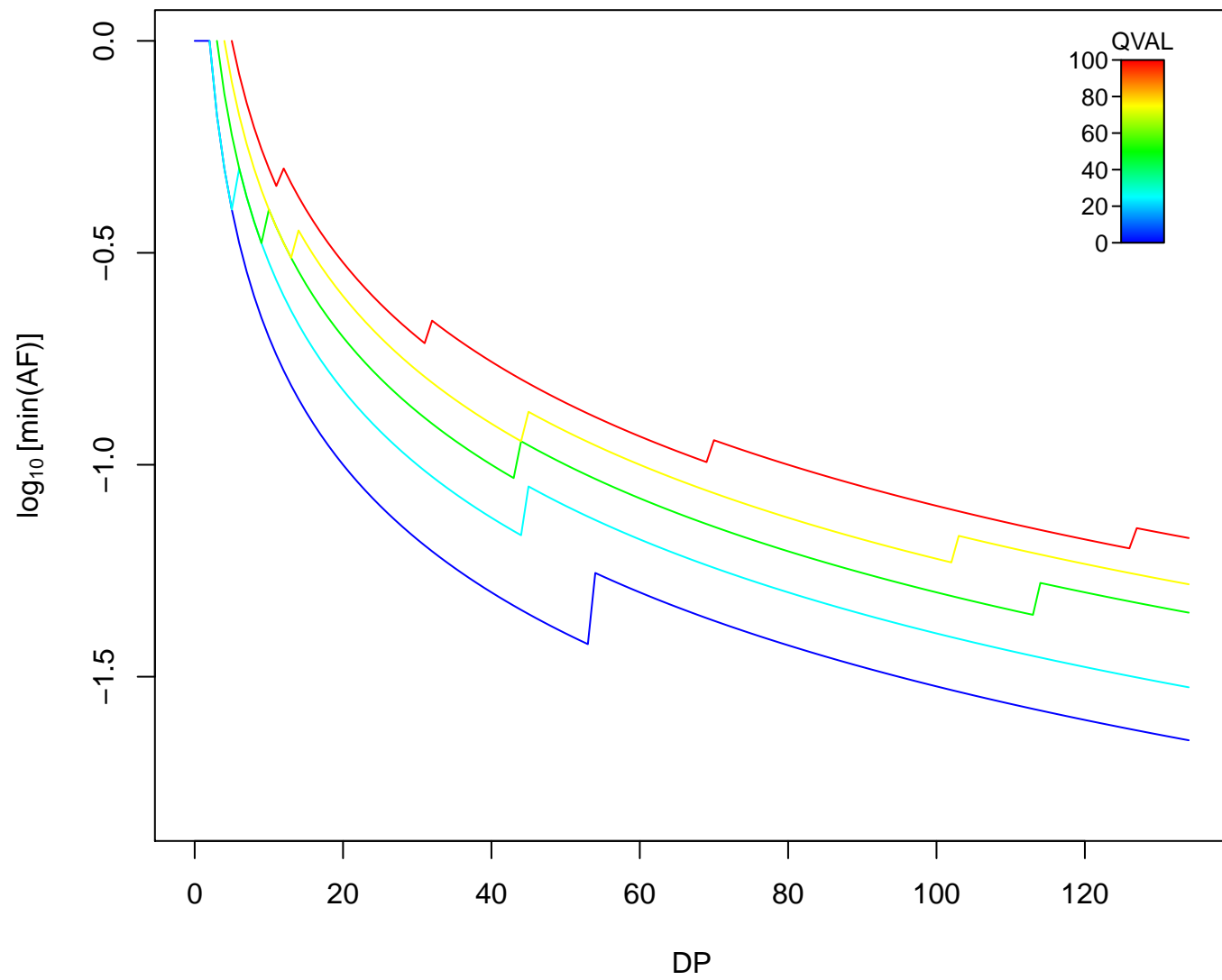


## Allelic fraction effect



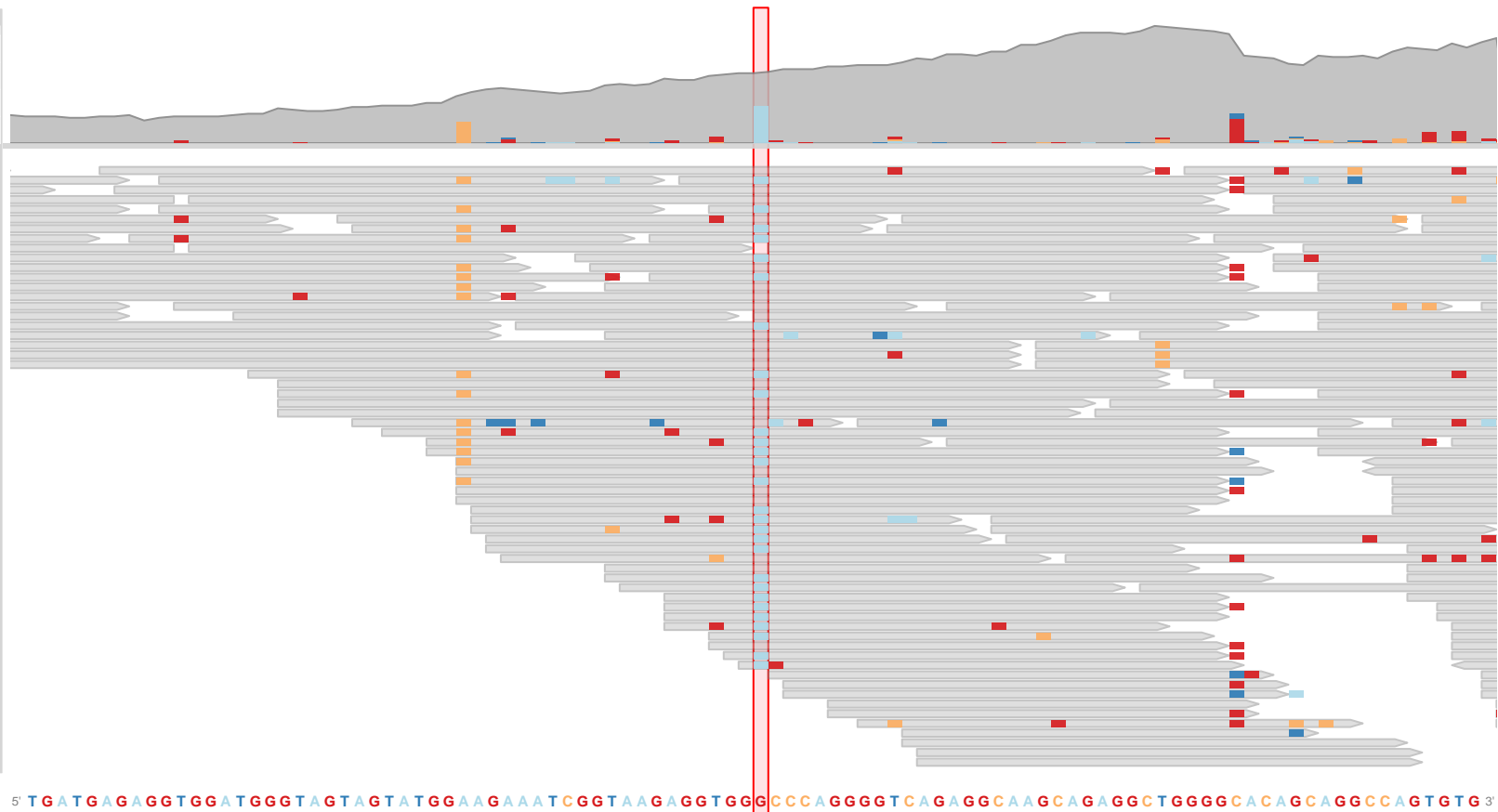
## Allelic fraction effect





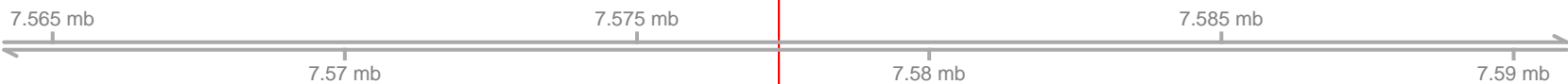
# NA06986

Chromosome 17



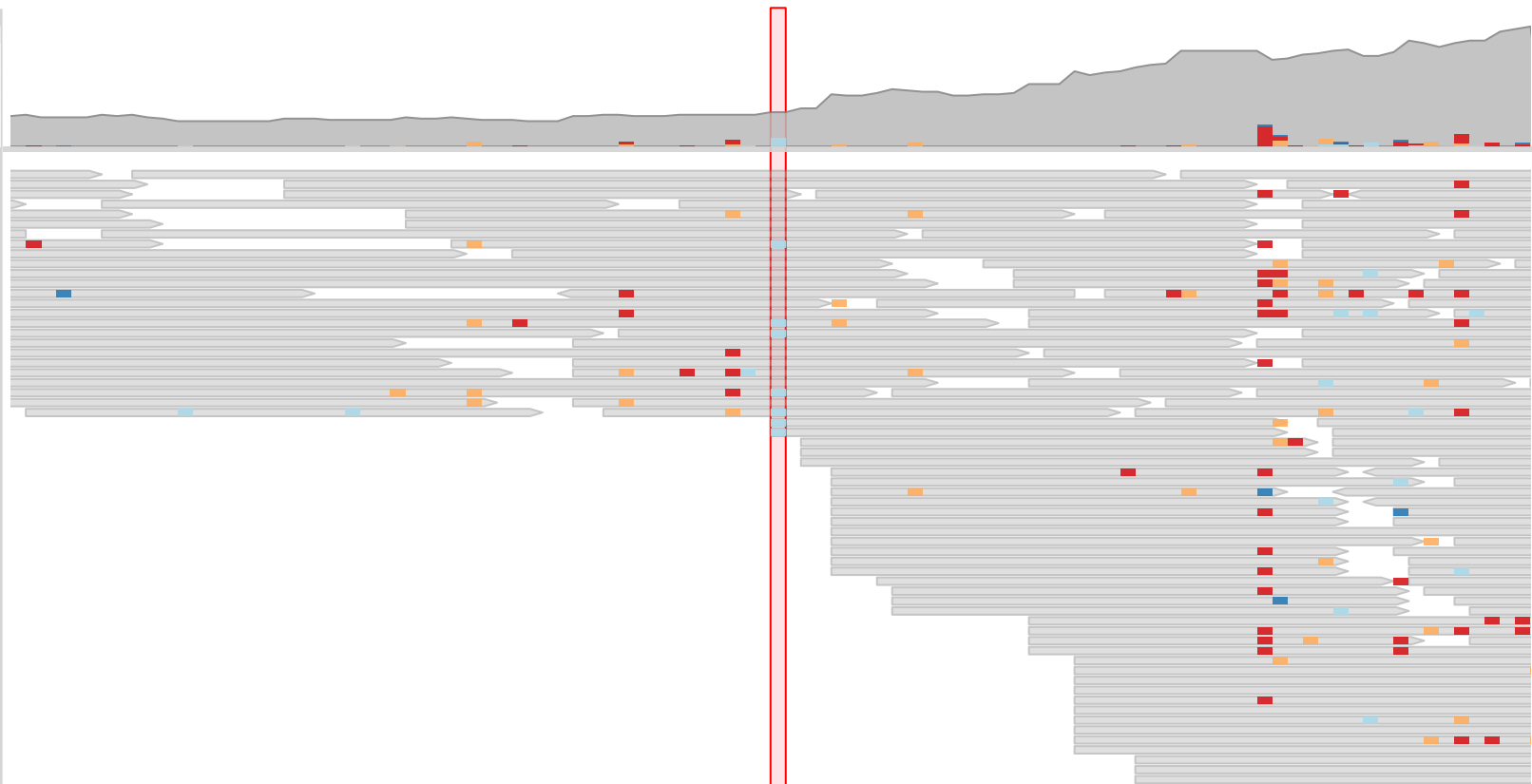
5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



# NA11918

Chromosome 17



5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



7.565 mb

7.57 mb

7.575 mb

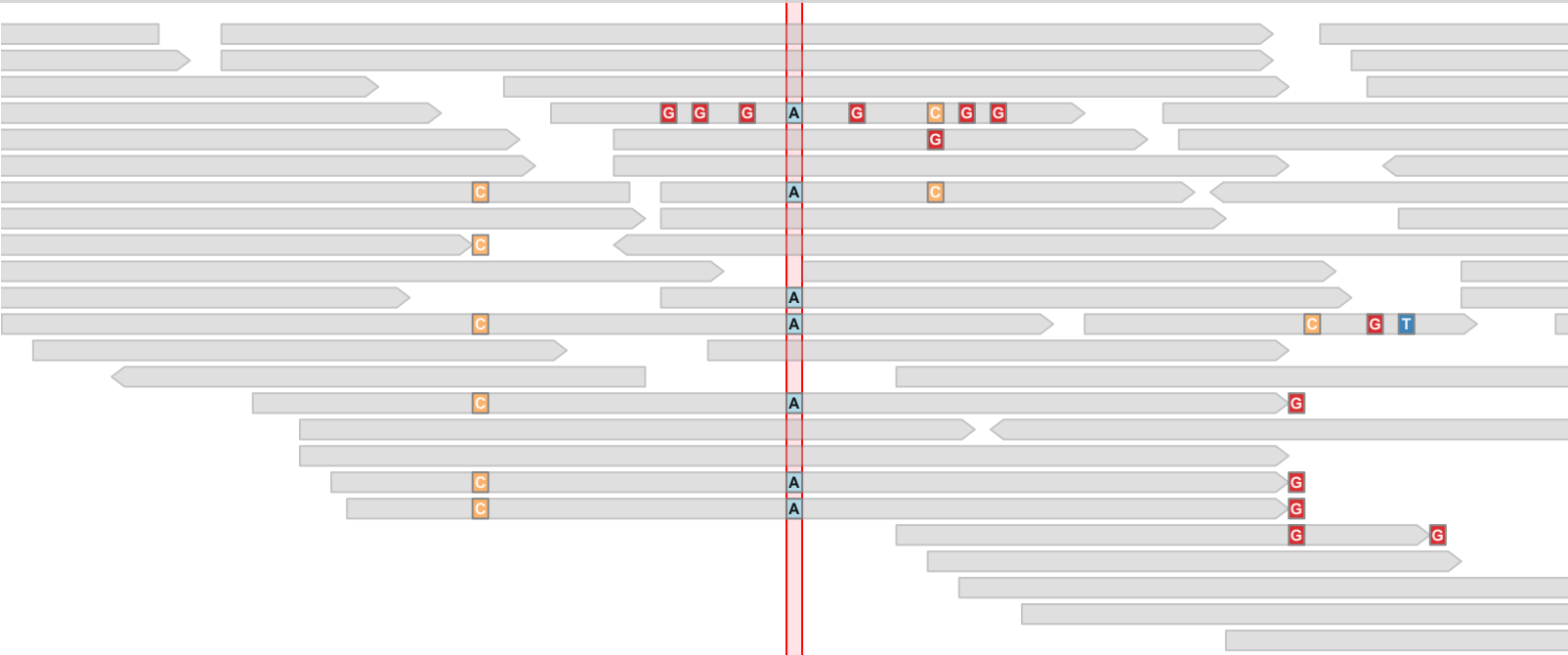
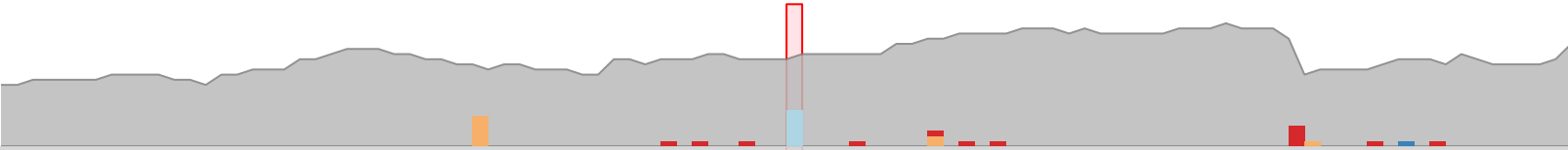
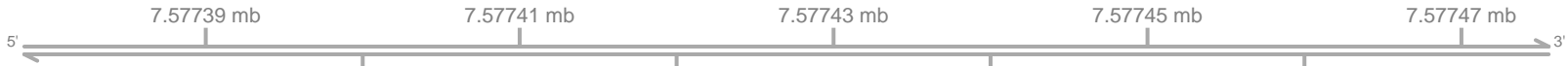
7.58 mb

7.585 mb

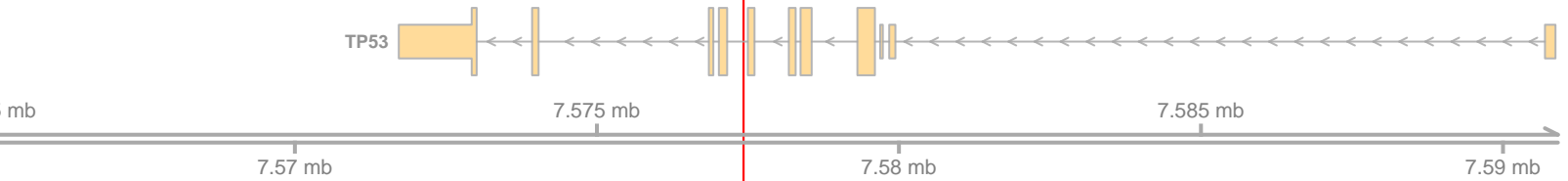
7.59 mb

NA11930

Chromosome 17



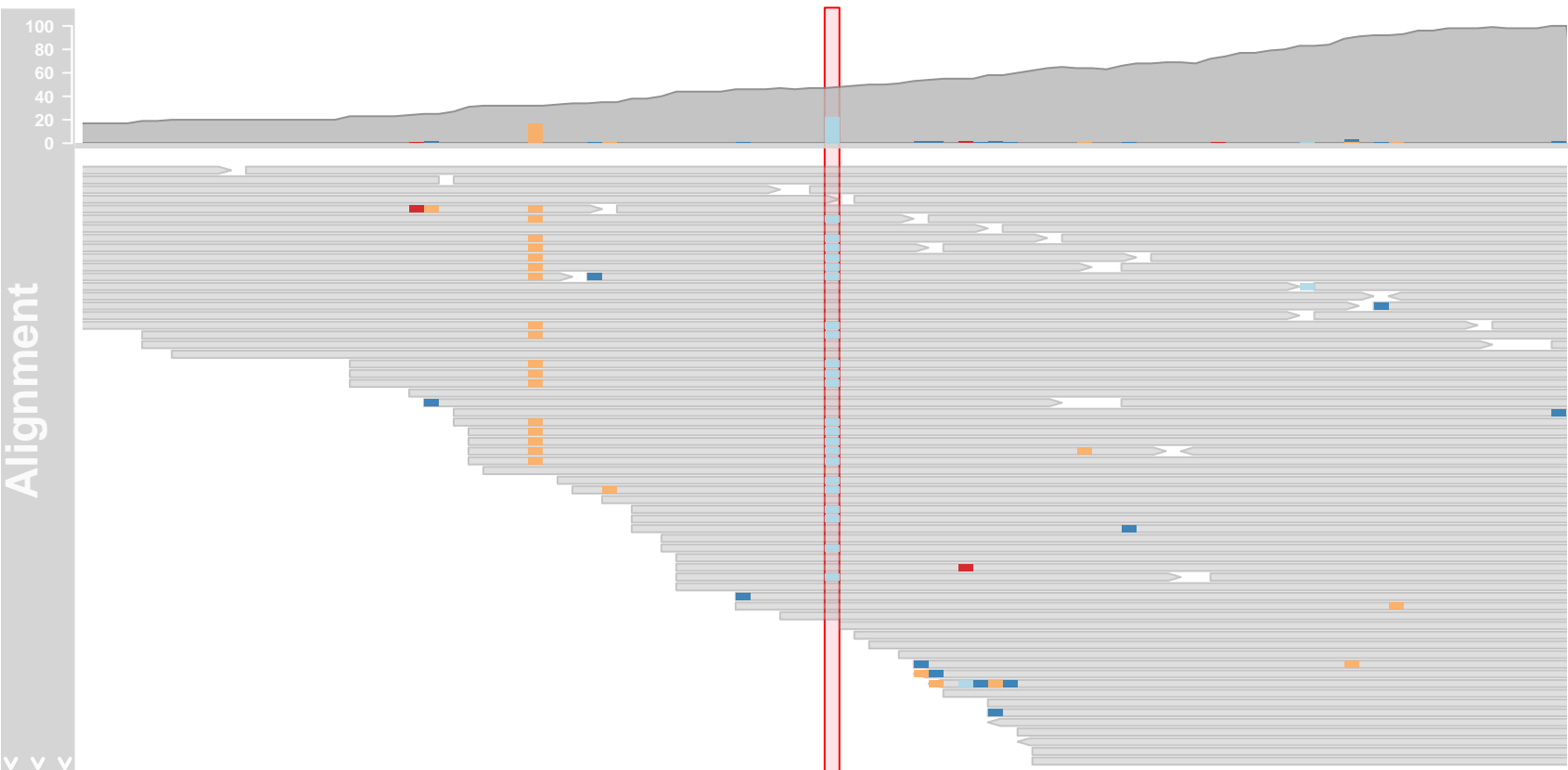
5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'





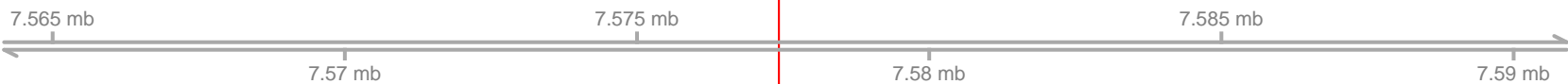
# NA11994

Chromosome 17



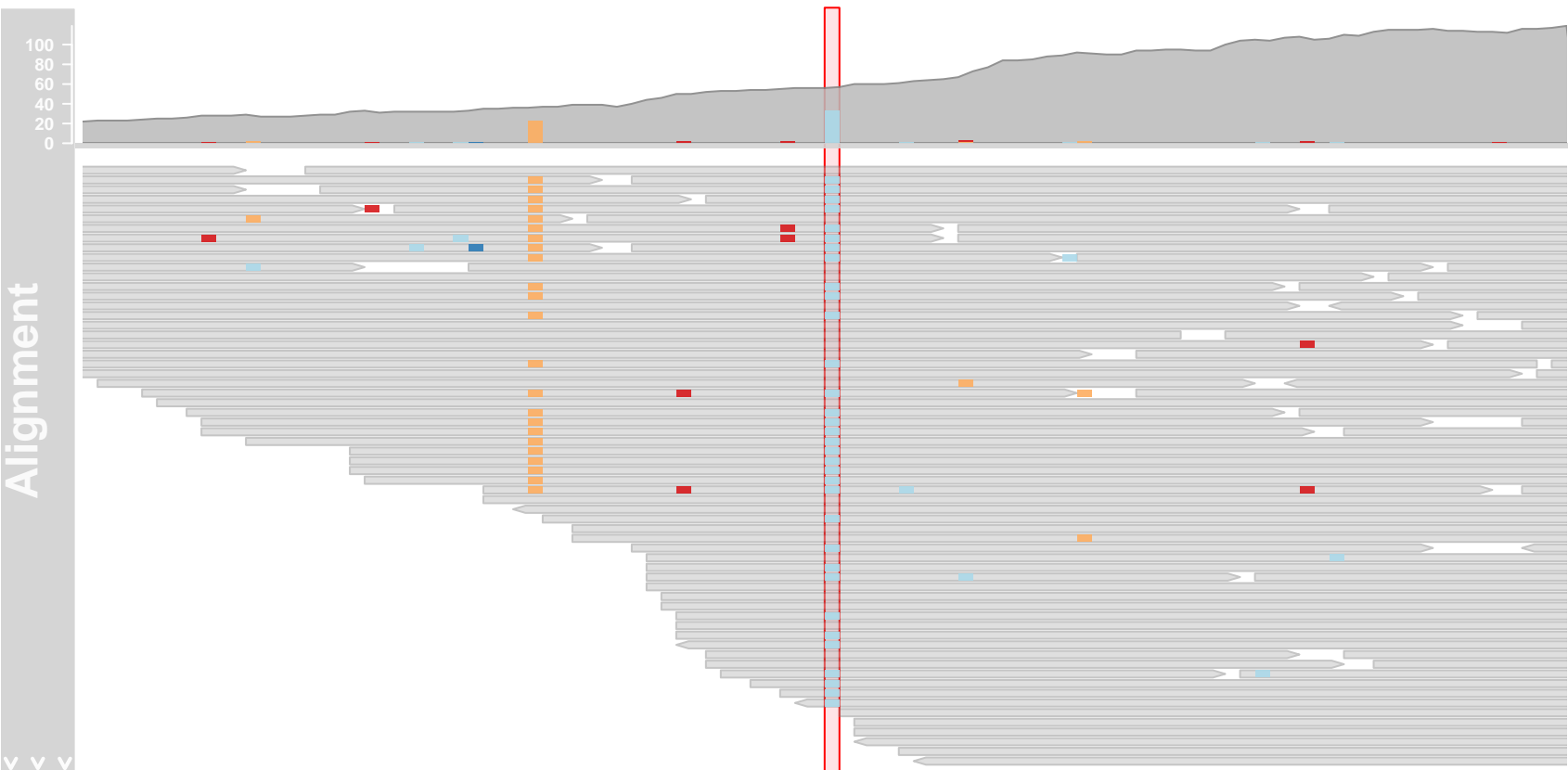
5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



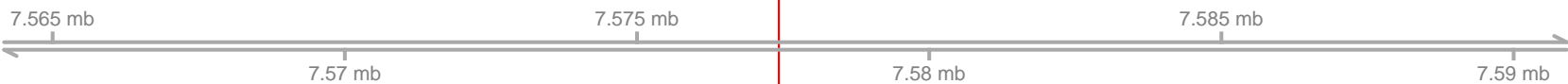
# NA12005

Chromosome 17



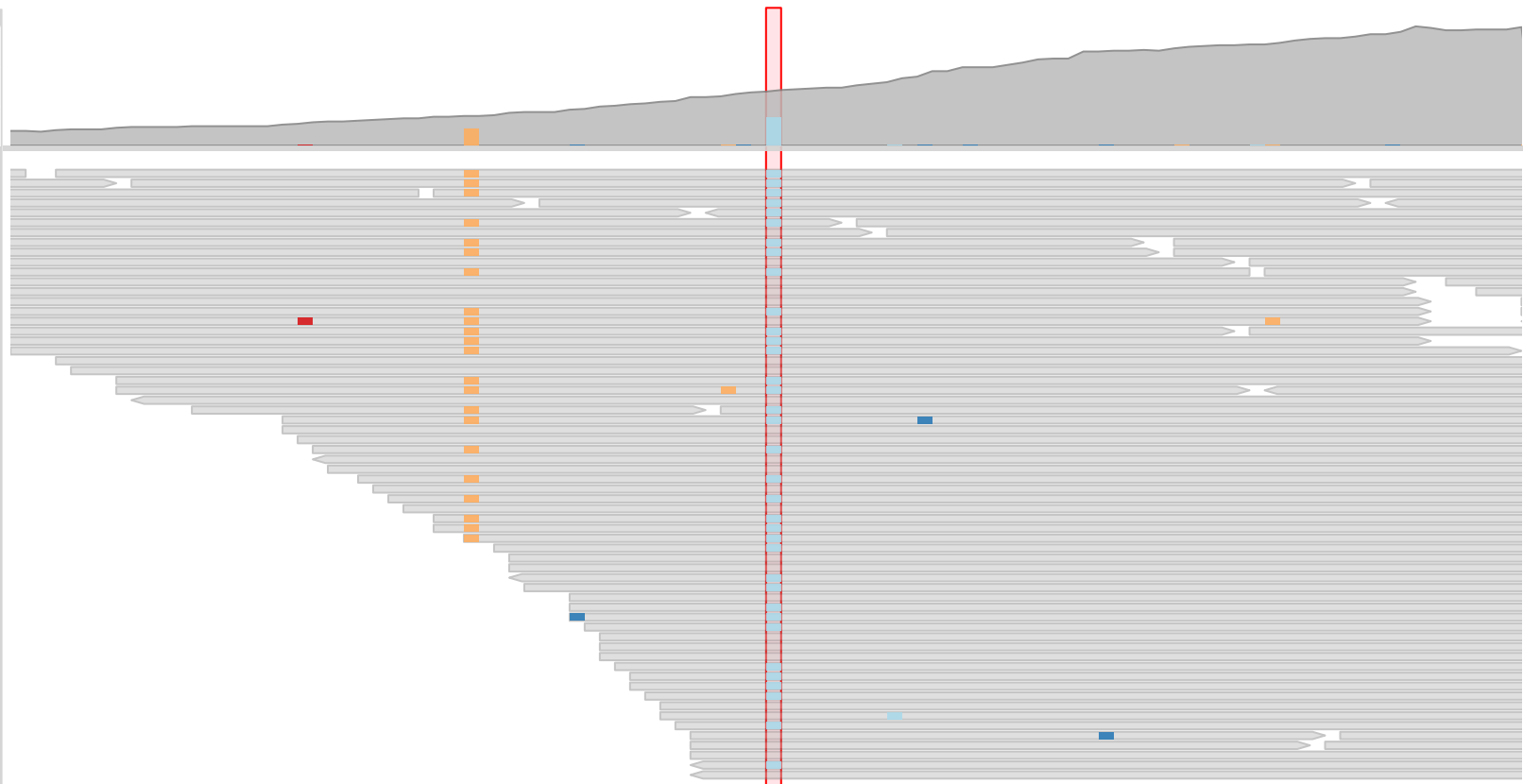
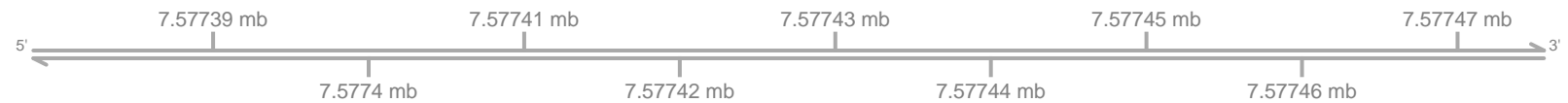
5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



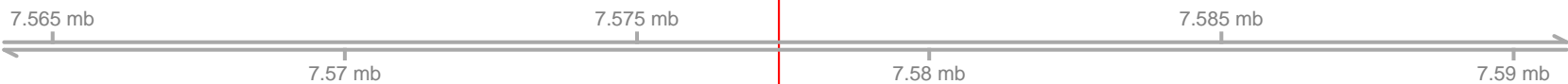
# NA12006

Chromosome 17

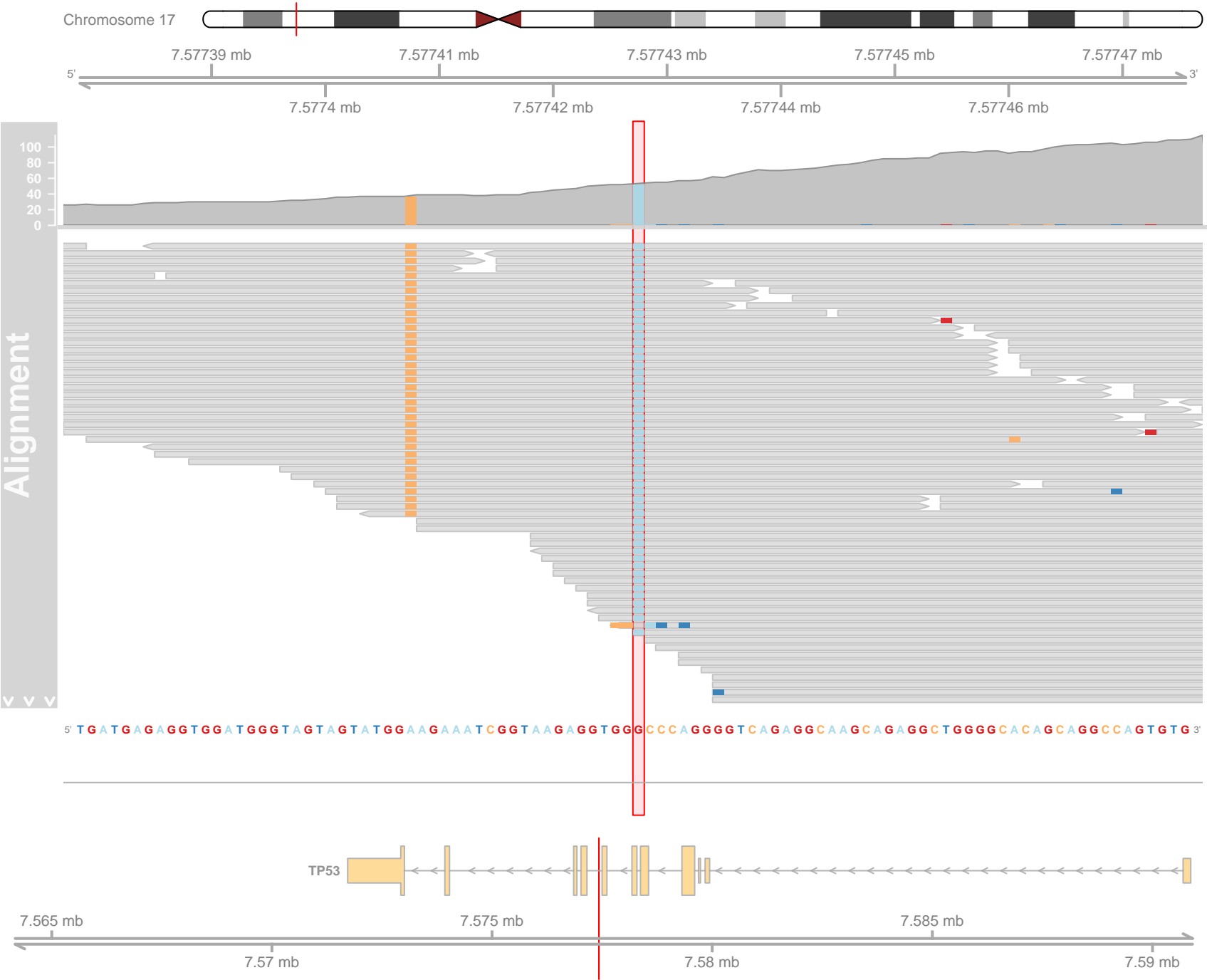


5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



# NA12044

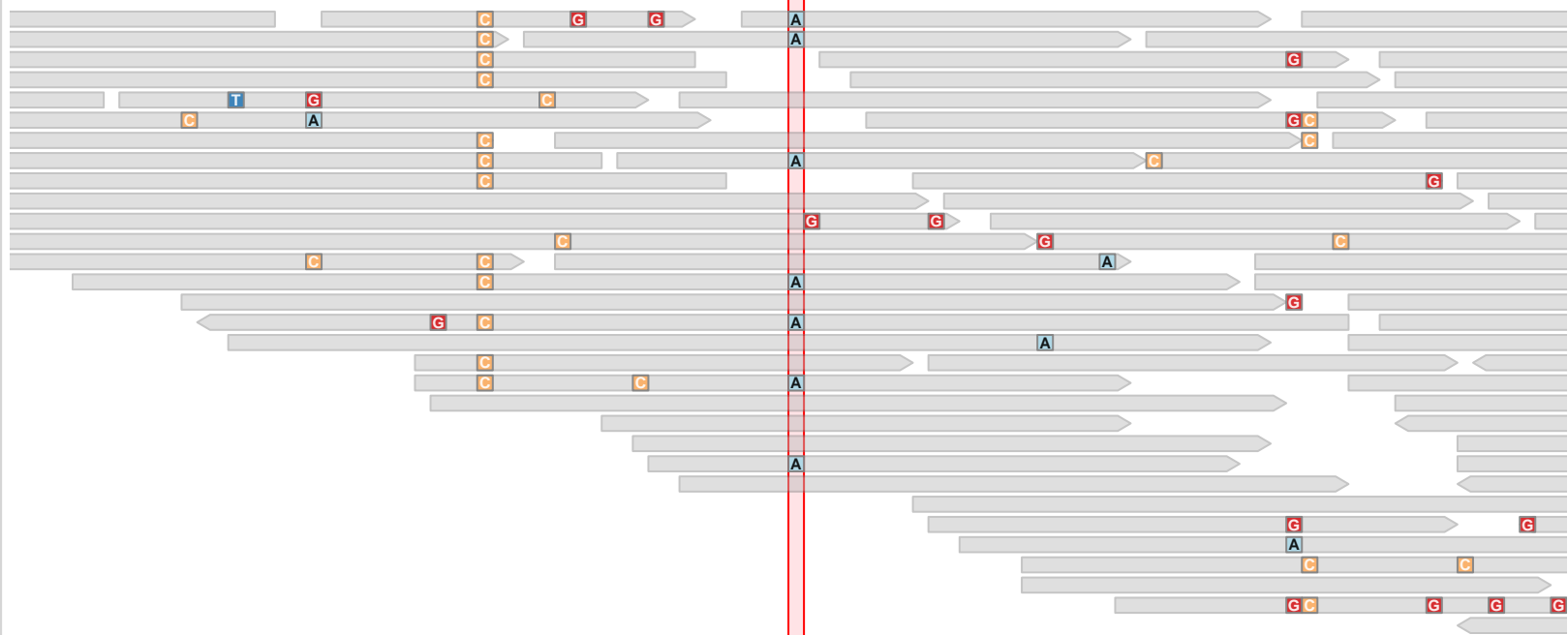
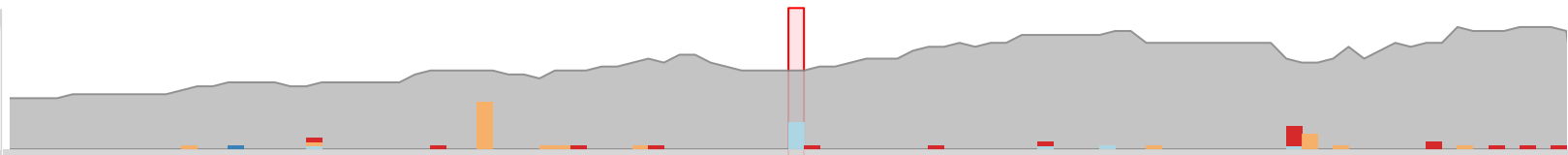


# NA12045

Chromosome 17



30  
25  
20  
15  
10  
5  
0



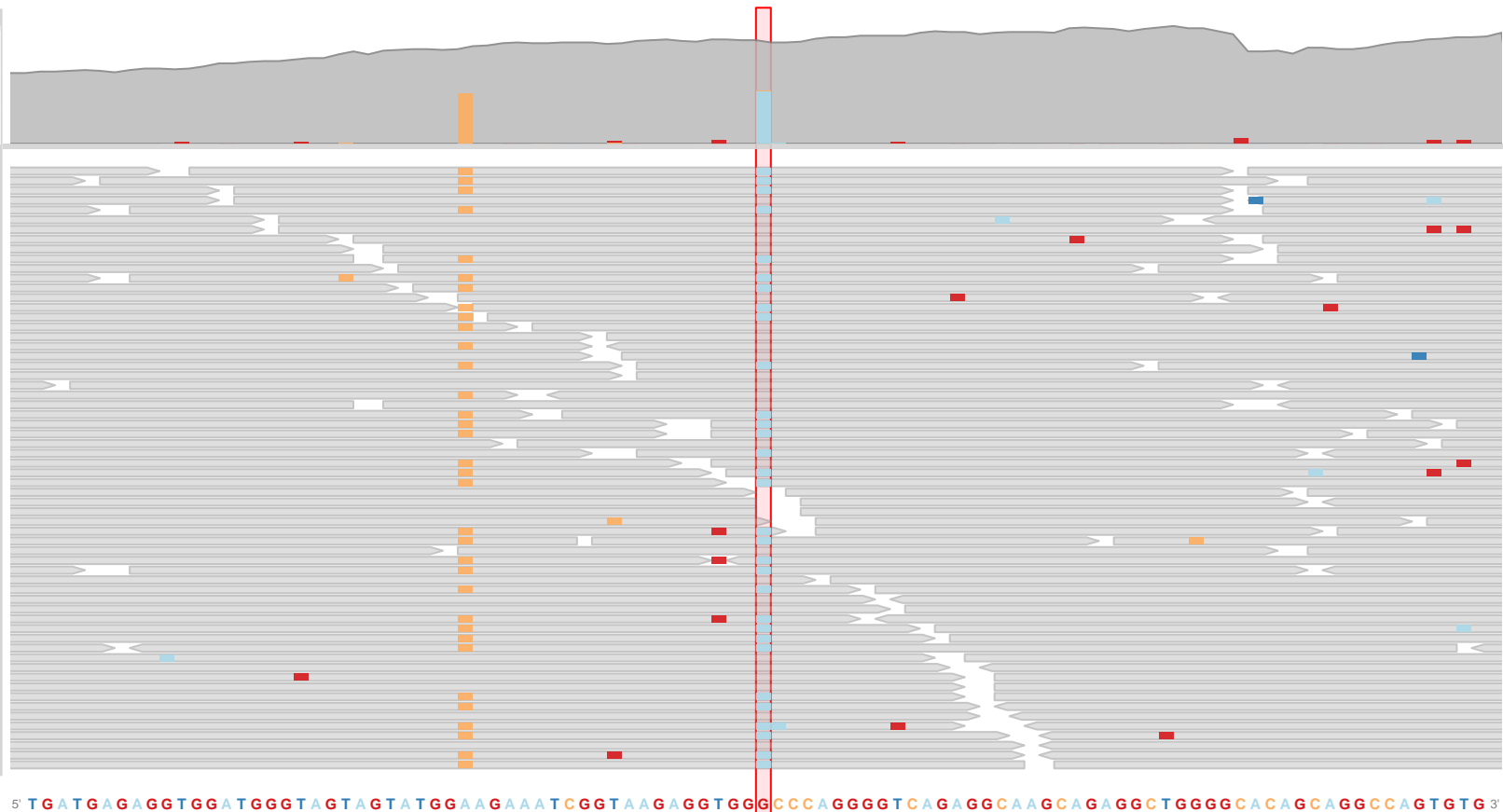
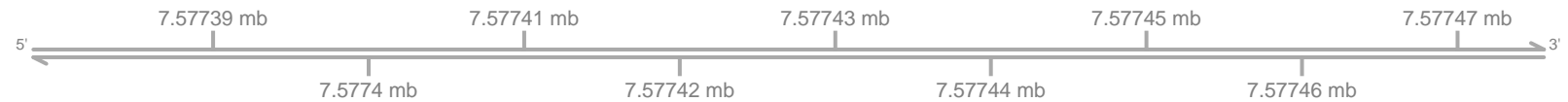
5' TGATGAGAGGTGGATGGGTAGTAGTATGGAAGAAATCGGTAAAGAGGTGGGCCCAAGGGGTTCAGAGGCCAAGCAGAGGCCTGGGGGCACAGCAGGCCACGTGTG 3'

TP53

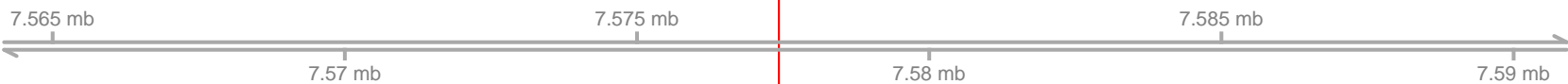


# NA12347

Chromosome 17

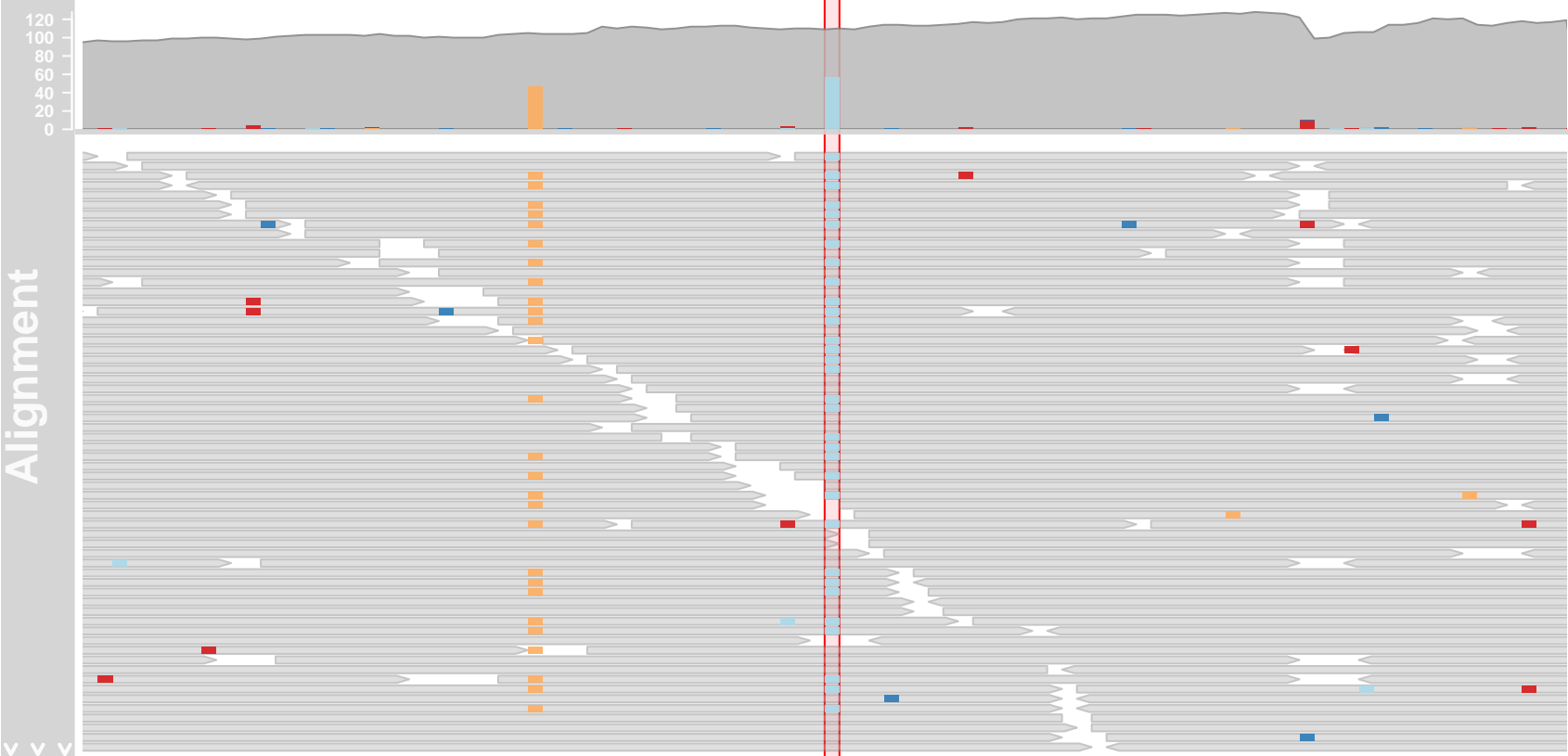


TP53



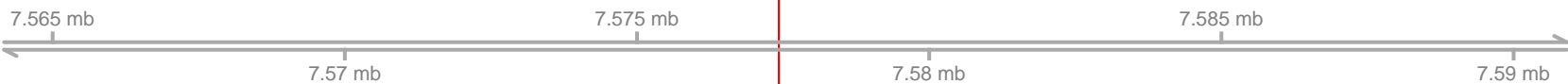
# NA12348

Chromosome 17



5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



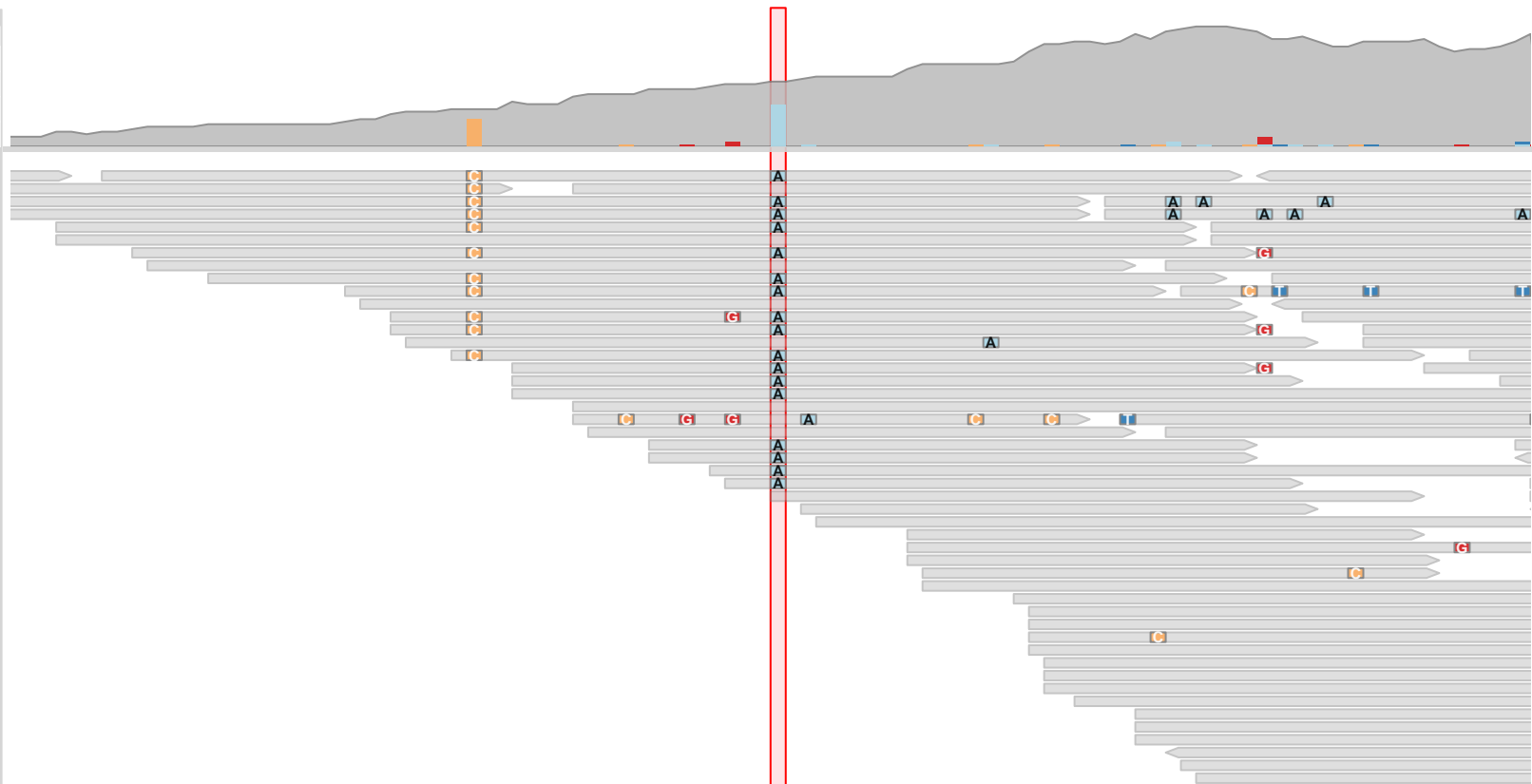
# NA12400

Chromosome 17



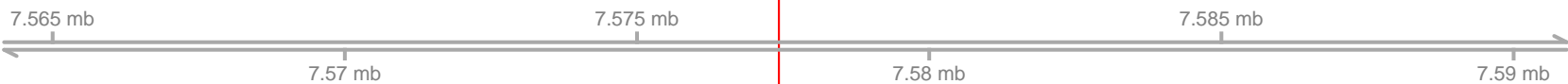
40  
30  
20  
10  
0

Alignment



5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



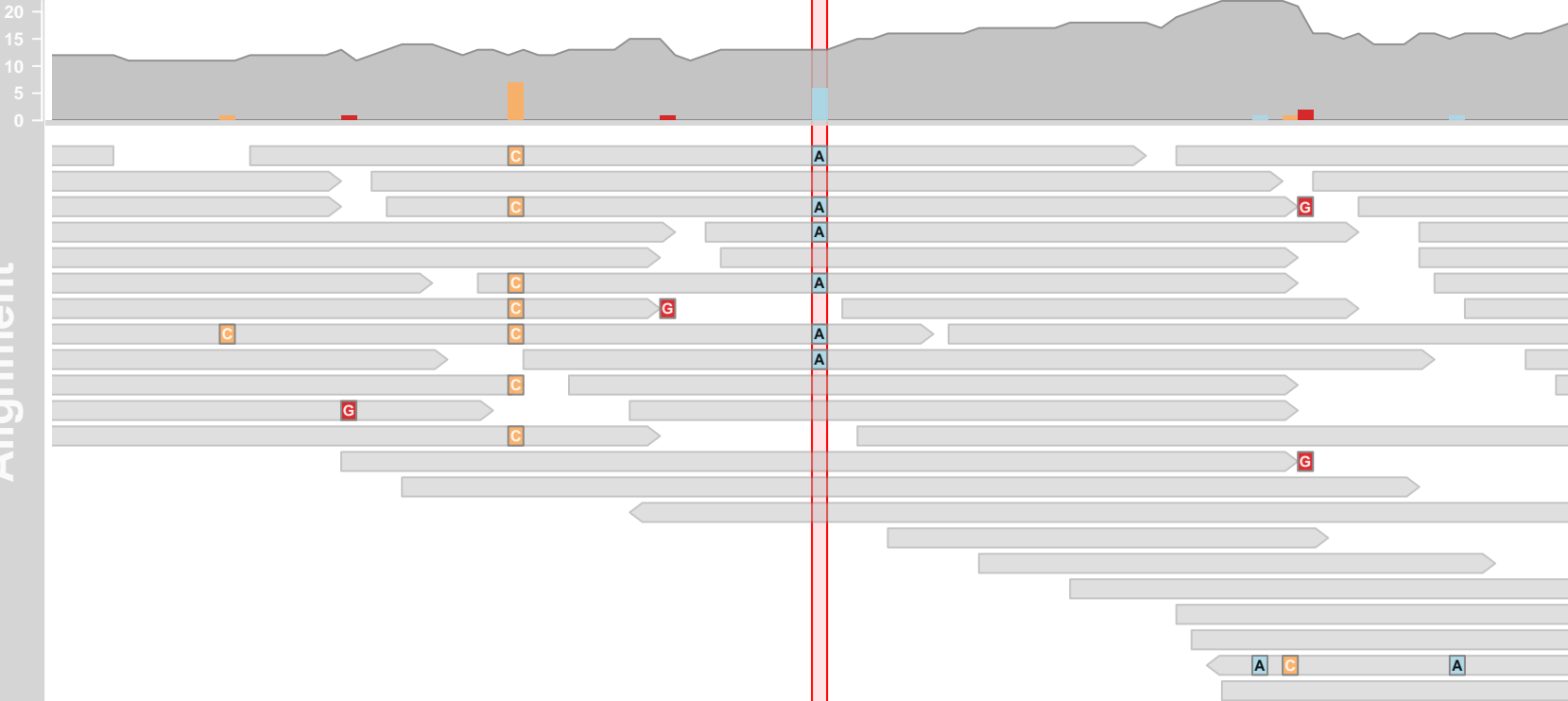


NA12748

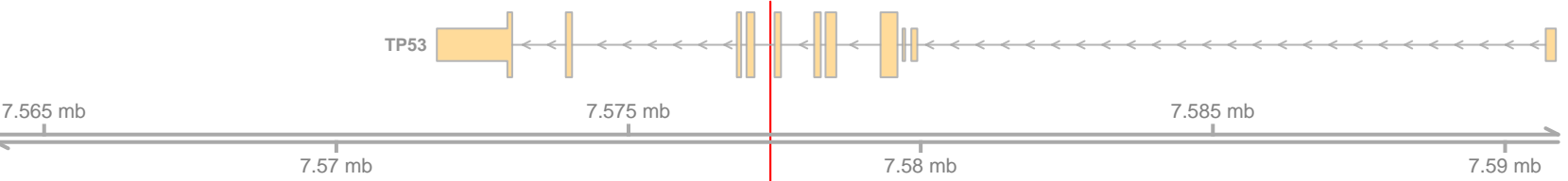
Chromosome 17



Alignment



5' TGATGAGAGGTGGATGGGTAGTAGTATGGAAGAAATCGGTAAAGAGGTGGGCCCAAGGGGTTCAGAGGCCAAGCAGAGGCTGGGGCACAAGCAGGCCAGTGTTG 3'

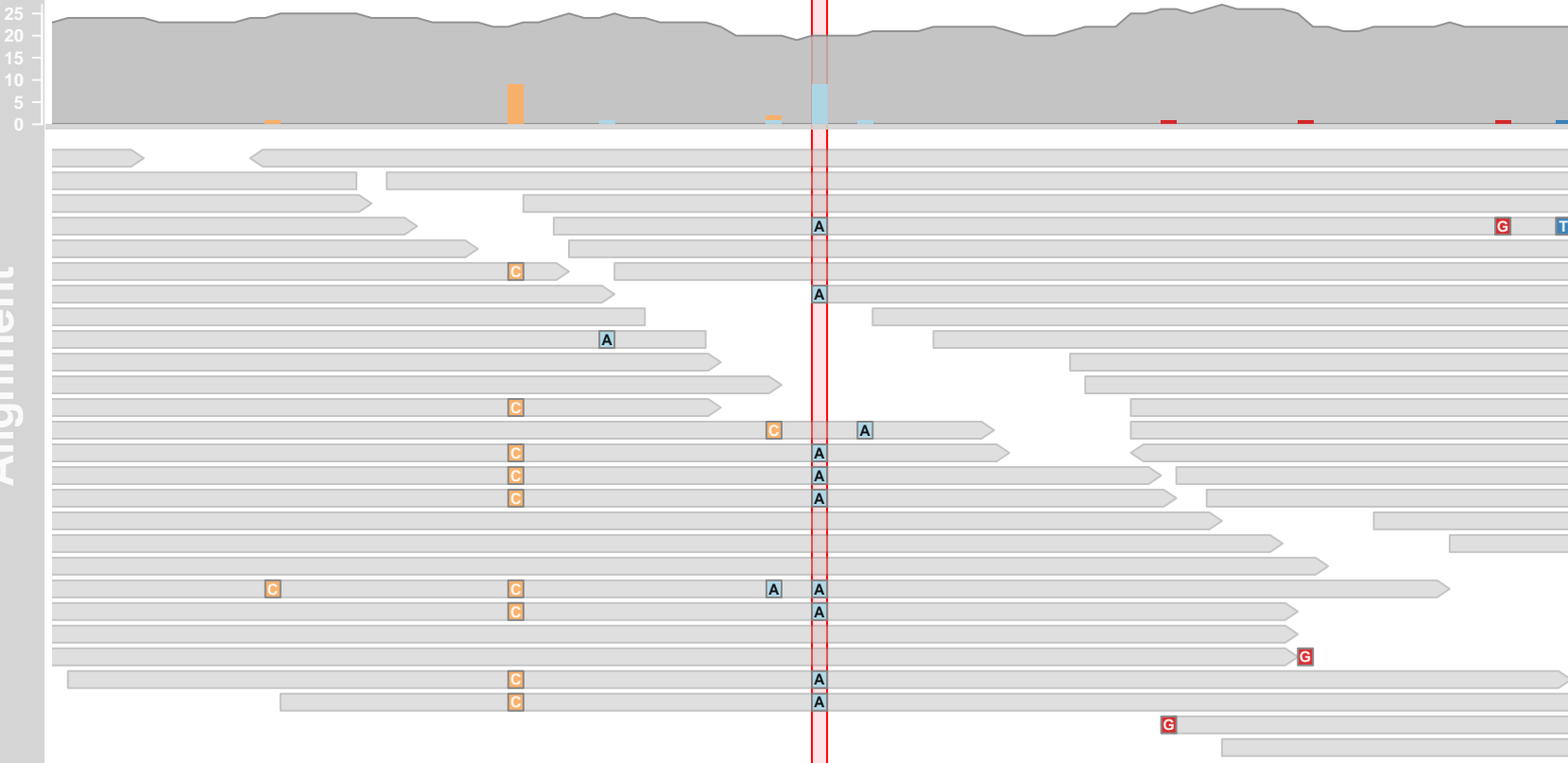


# NA12761

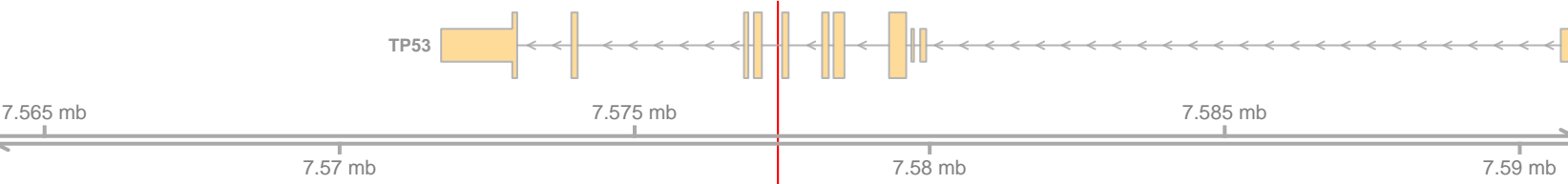
Chromosome 17



Alignment

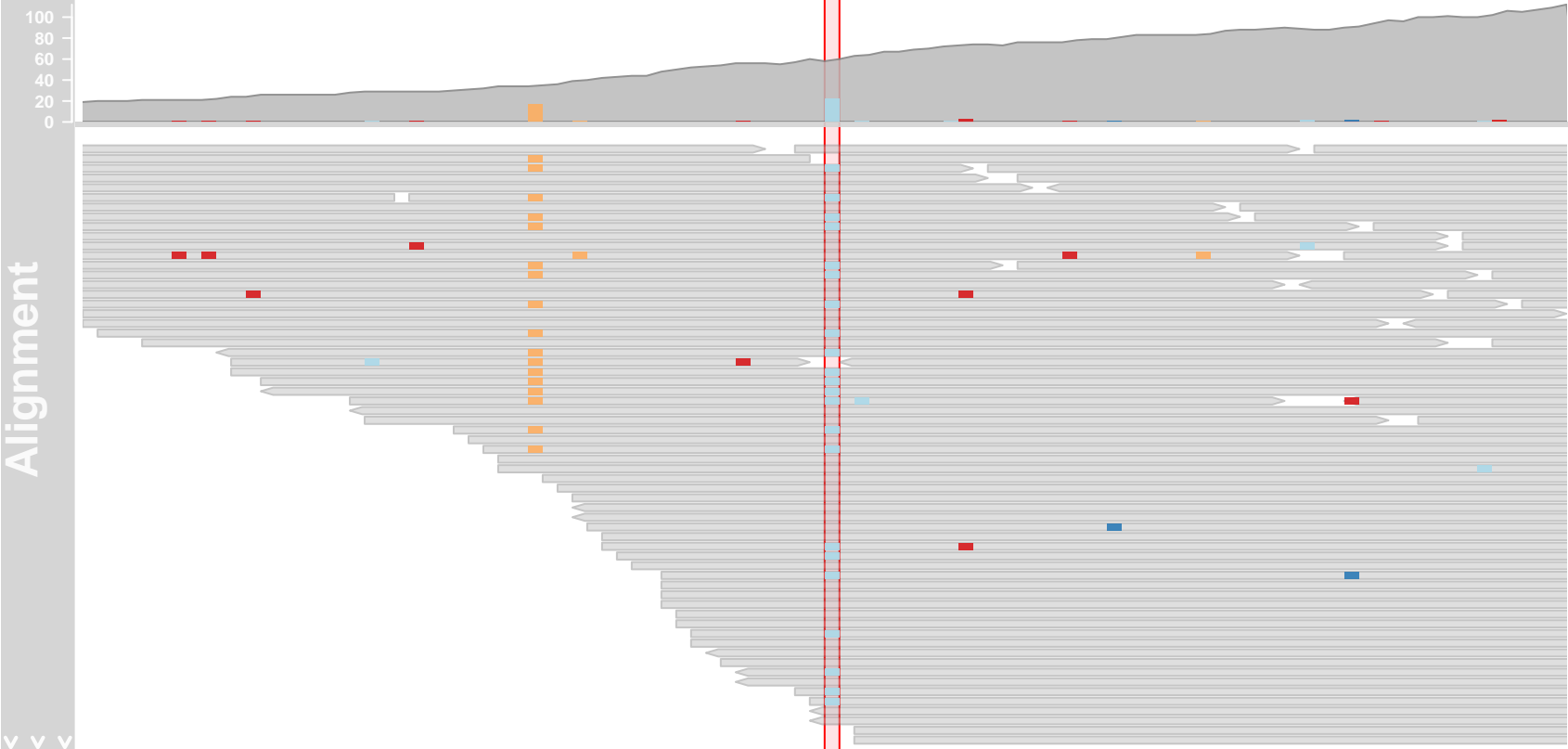
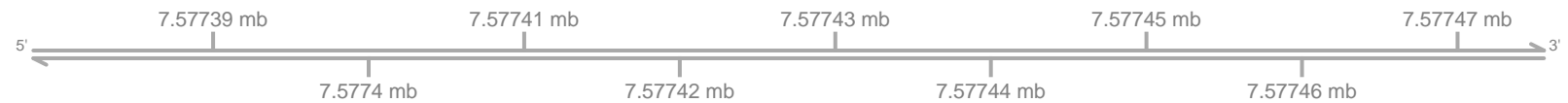


5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'



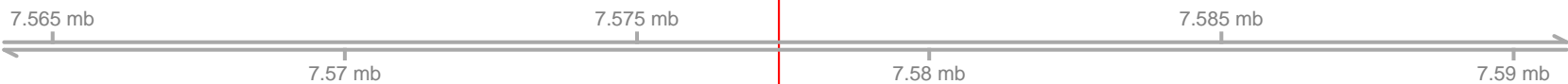
# NA12812

Chromosome 17



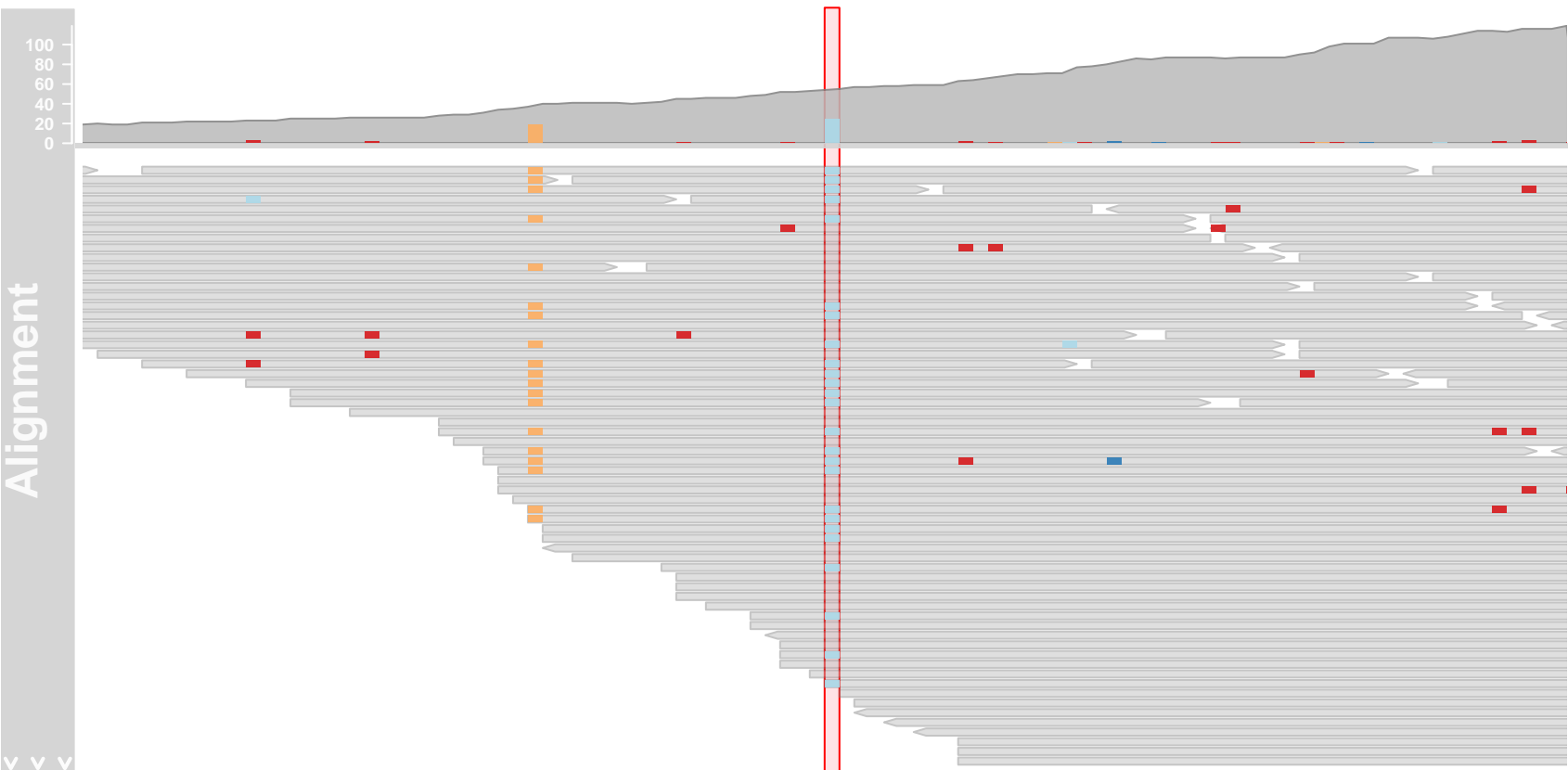
5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



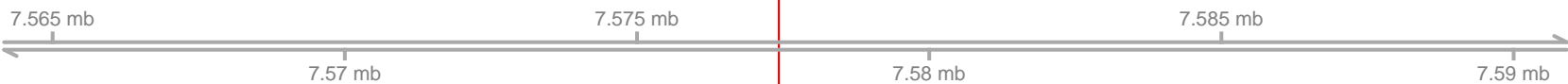
# NA12815

Chromosome 17



5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



# NA12830

Chromosome 17



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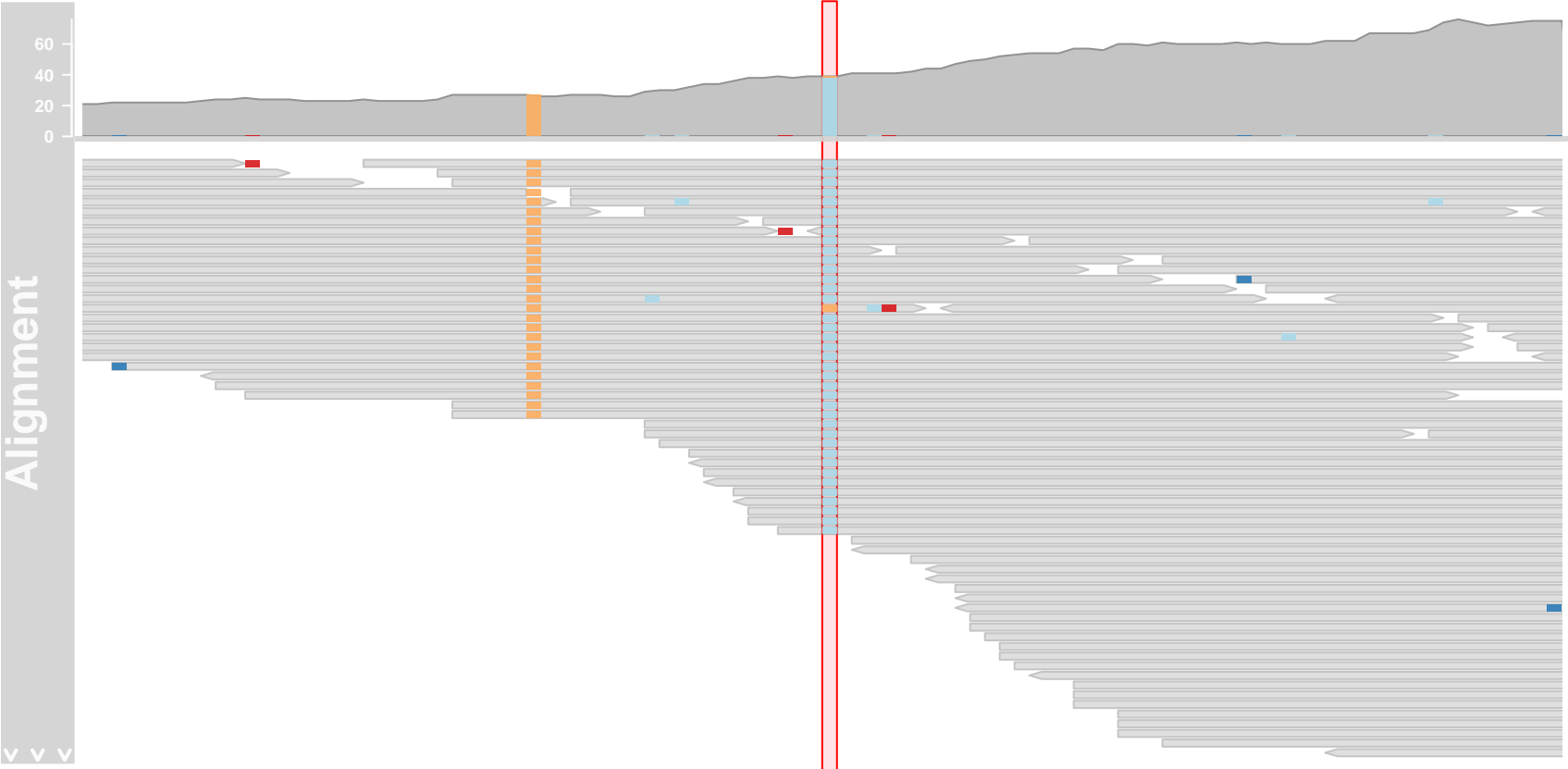
1650

1655

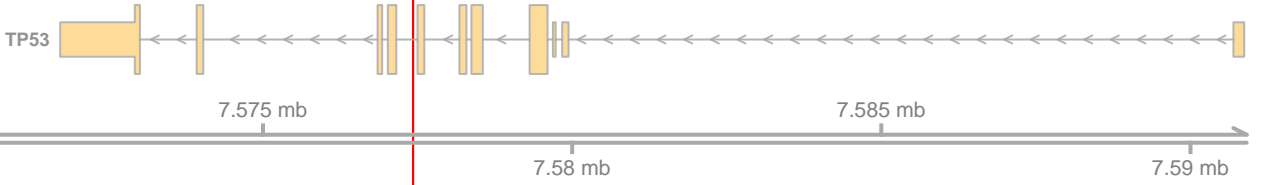
1660

# NA12872

Chromosome 17



5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

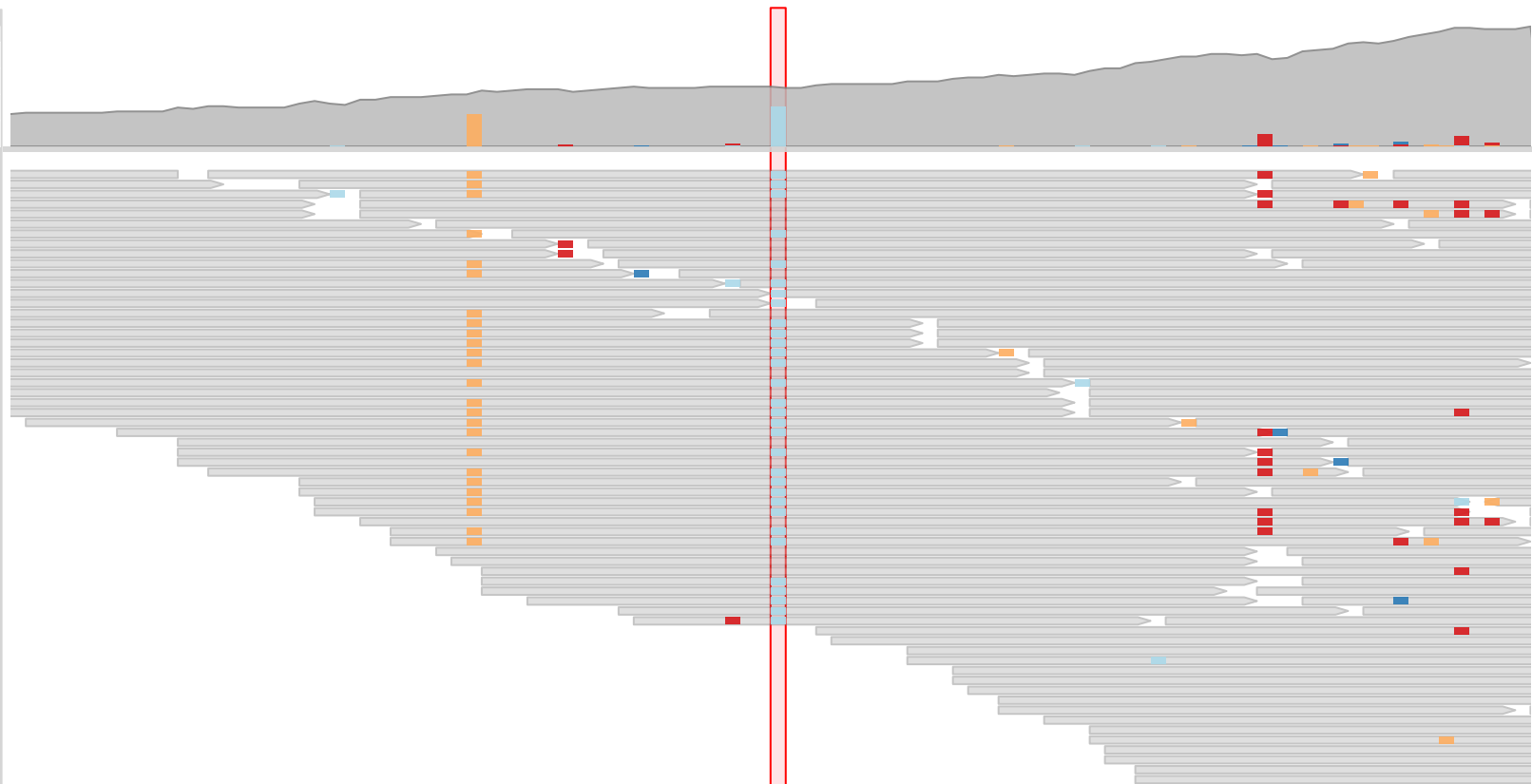


# NA12890

Chromosome 17

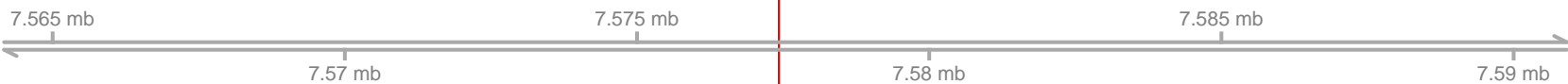


80  
60  
40  
20  
0

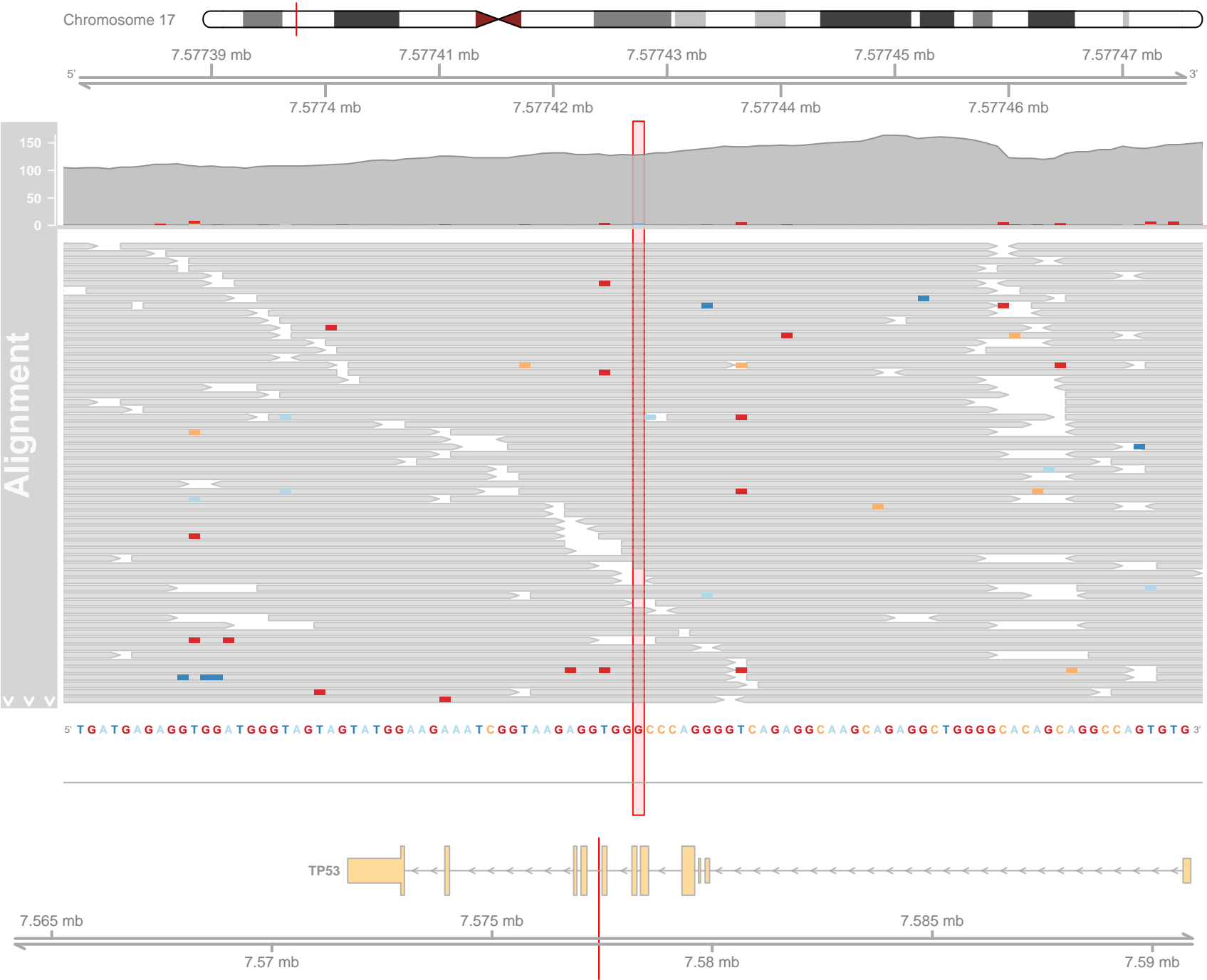


5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



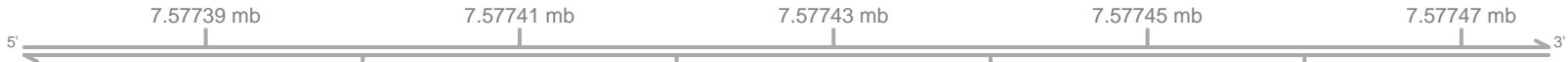
NA12827\*



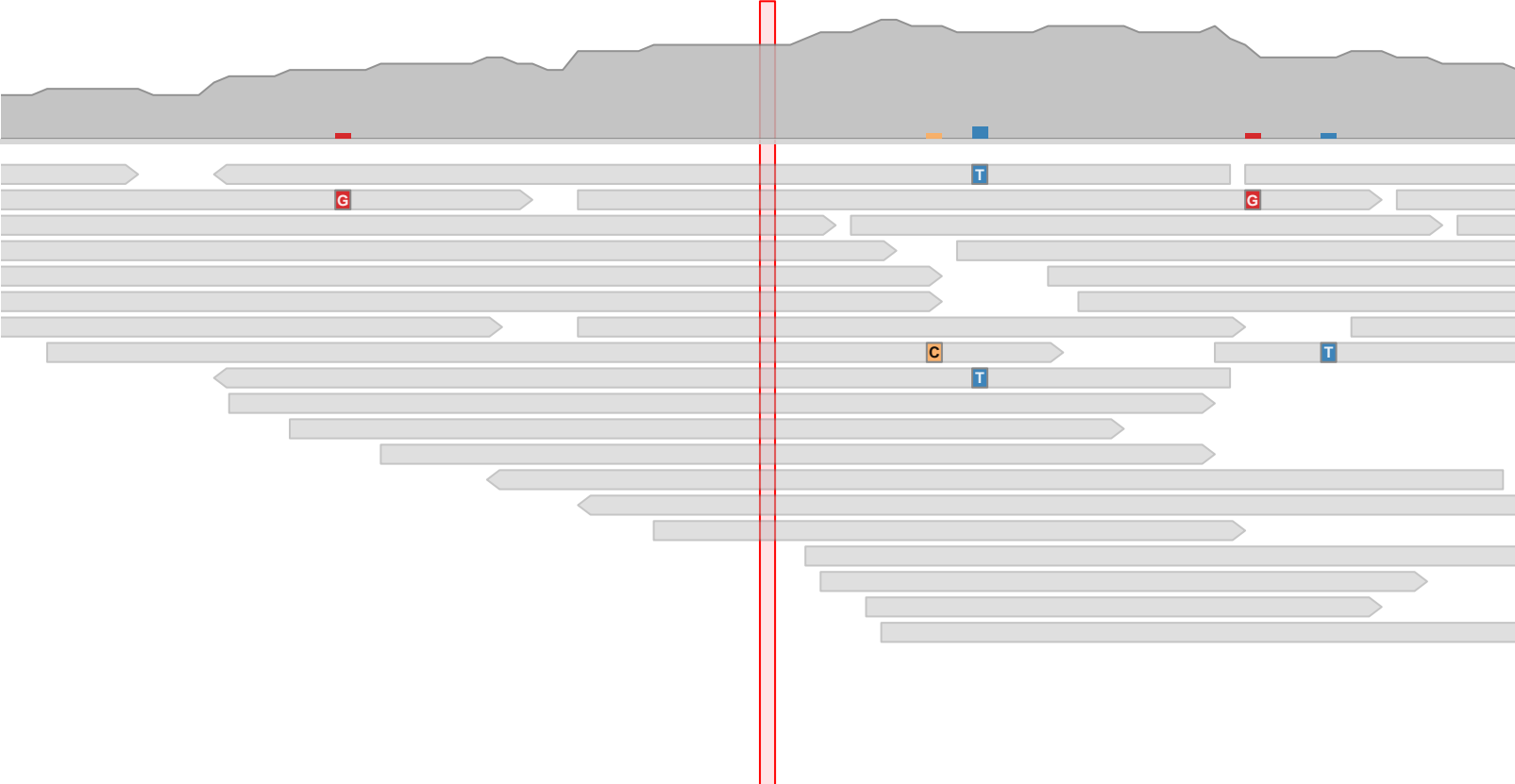


NA12341\*

Chromosome 17



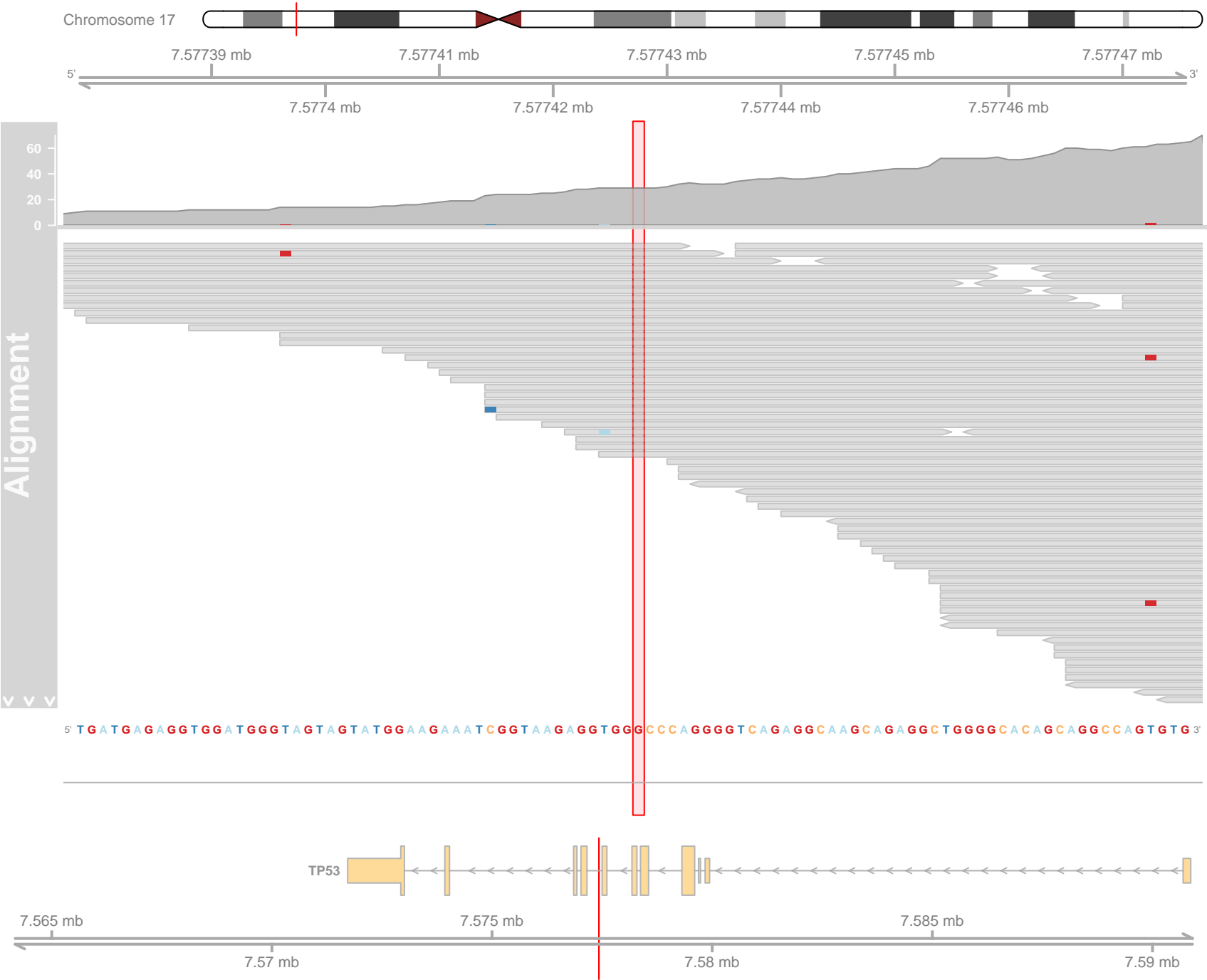
Alignment



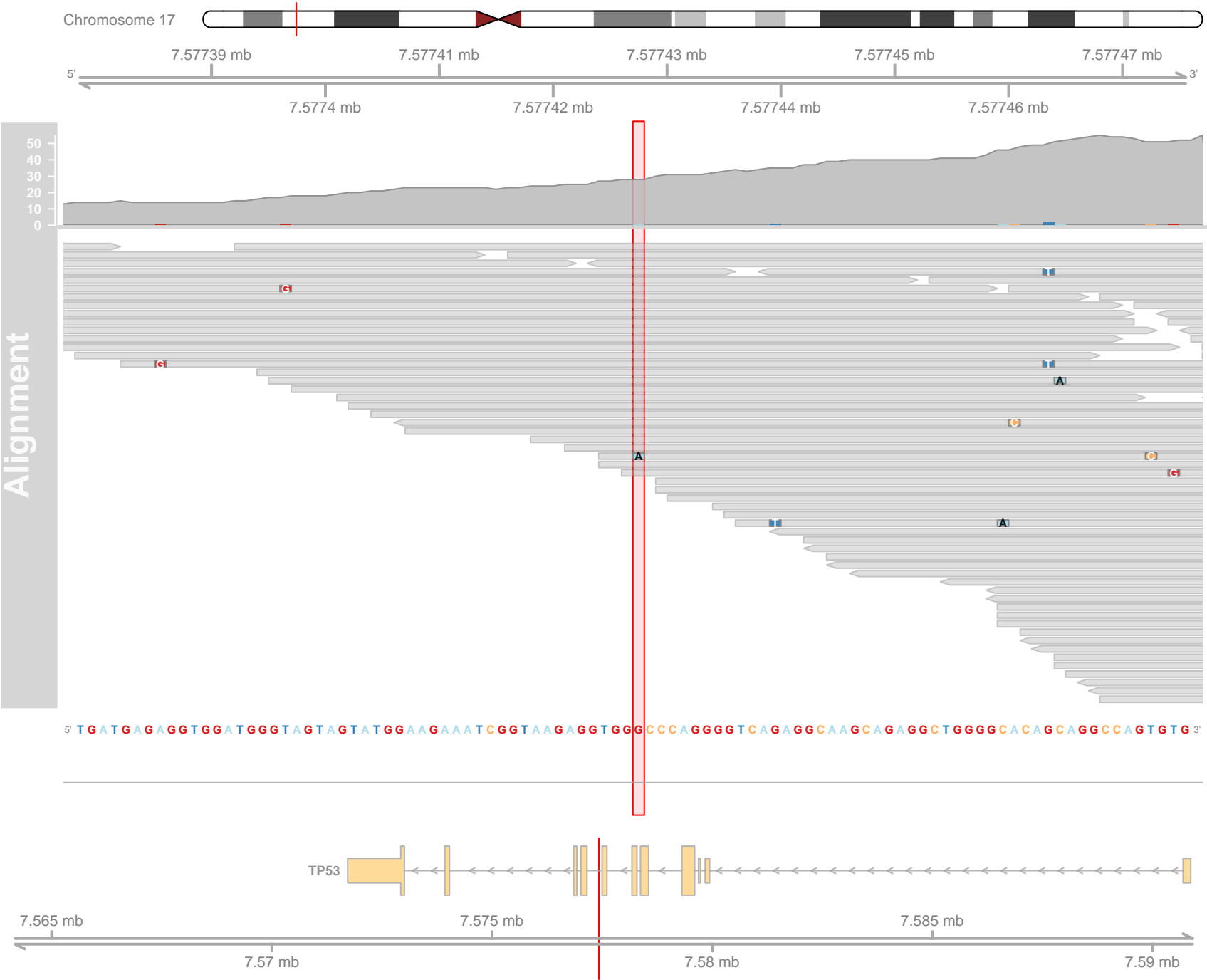
5' TGATGAGAGGTGGATGGGTAGTAGTATGGAAGAAATCGGTAAAGAGGTGGGGCCCAAGGGGTTCAGAGGCCAAGCAGAGGGCTGGGGGCACAGCAGGCCAGTGTTG 3'



NA11995\*



NA12003\*

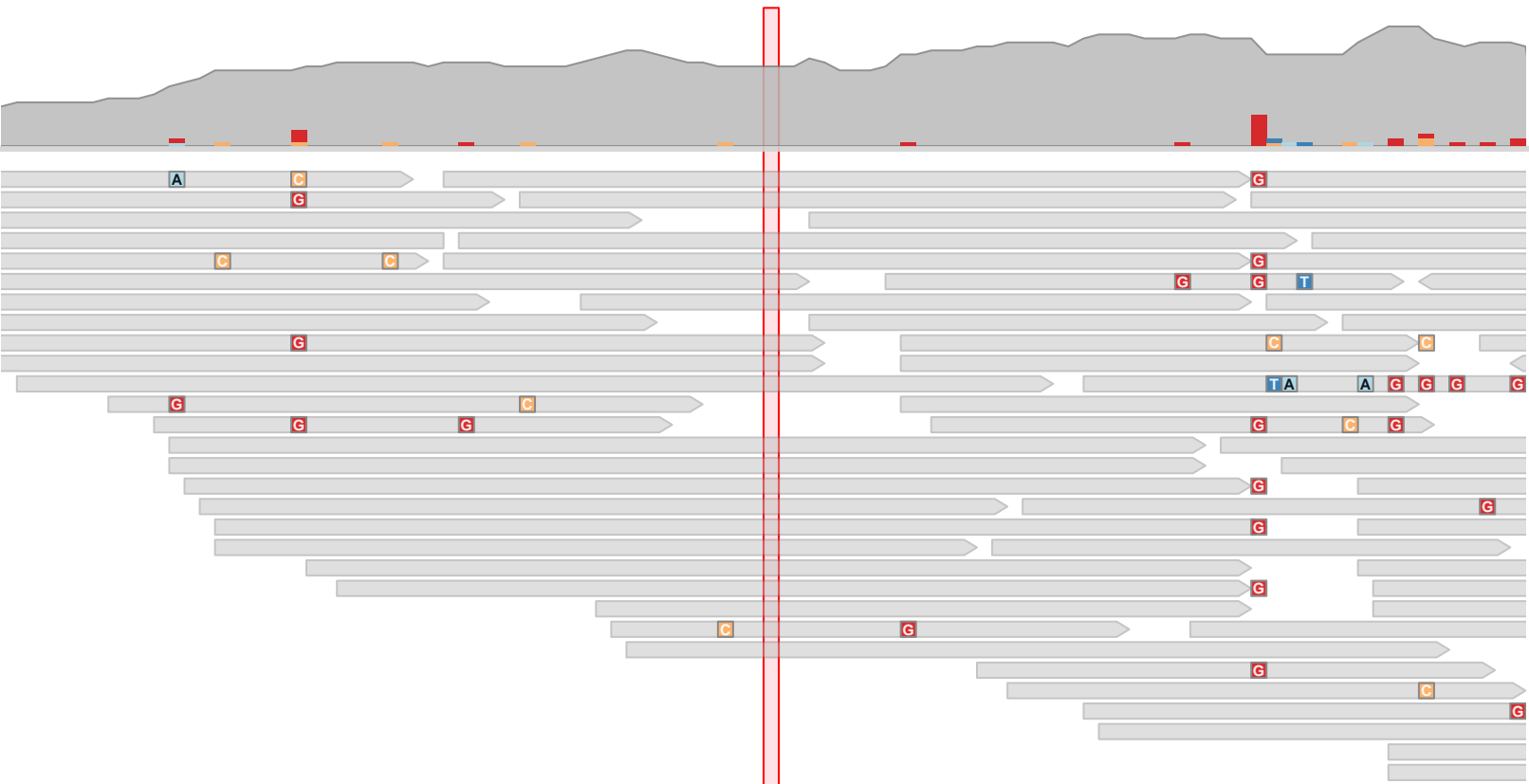


NA07347\*

Chromosome 17



Alignment



5' TGATGAGAGGTGGATGGGTAGTAGTATGGAAGAAATCGGTAAAGAGGTGGGGCCCAAGGGGTCAAGAGGCAGCAGAGGCTGGGGCACAAGCAGGGCCAGTGTTG 3'

