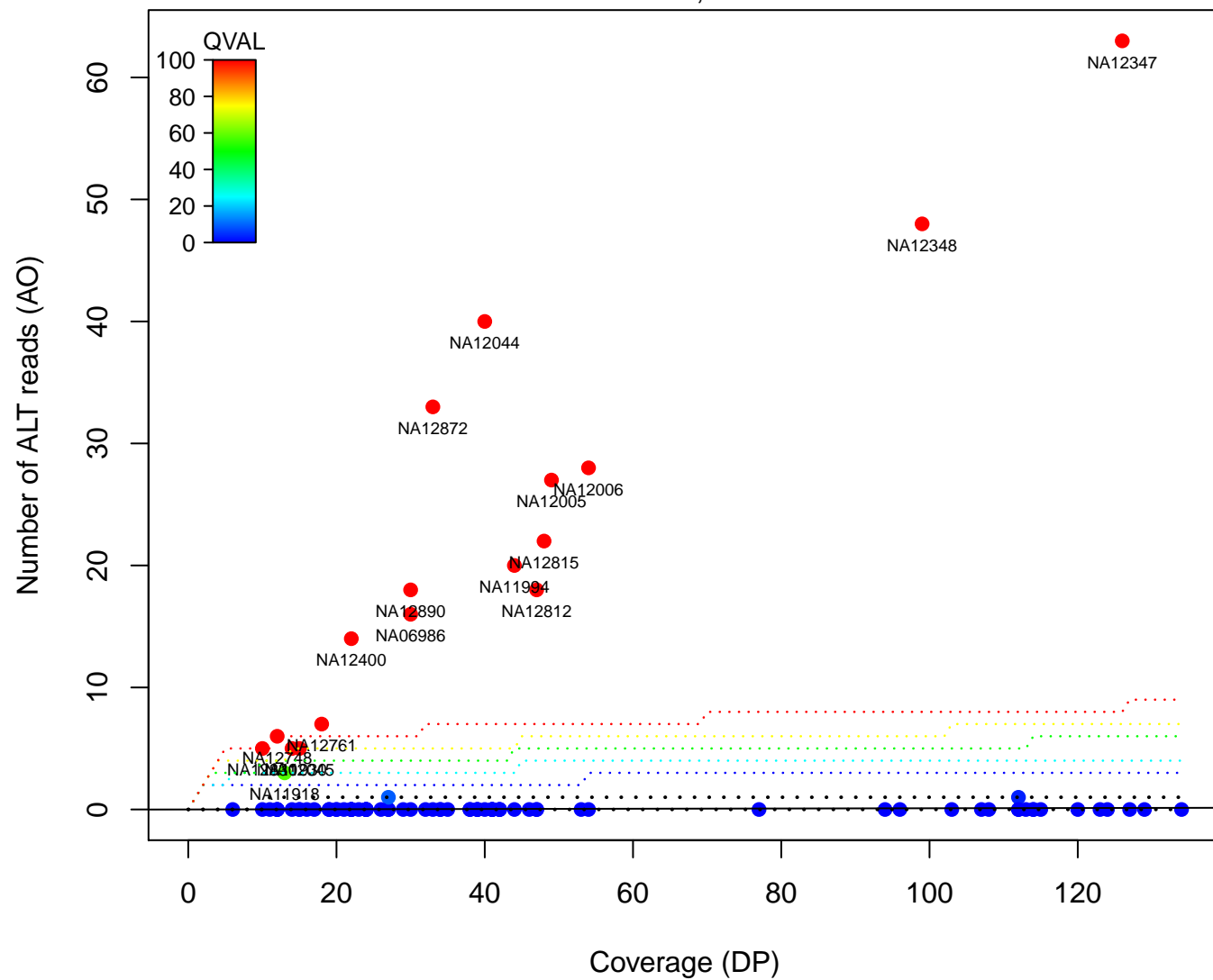
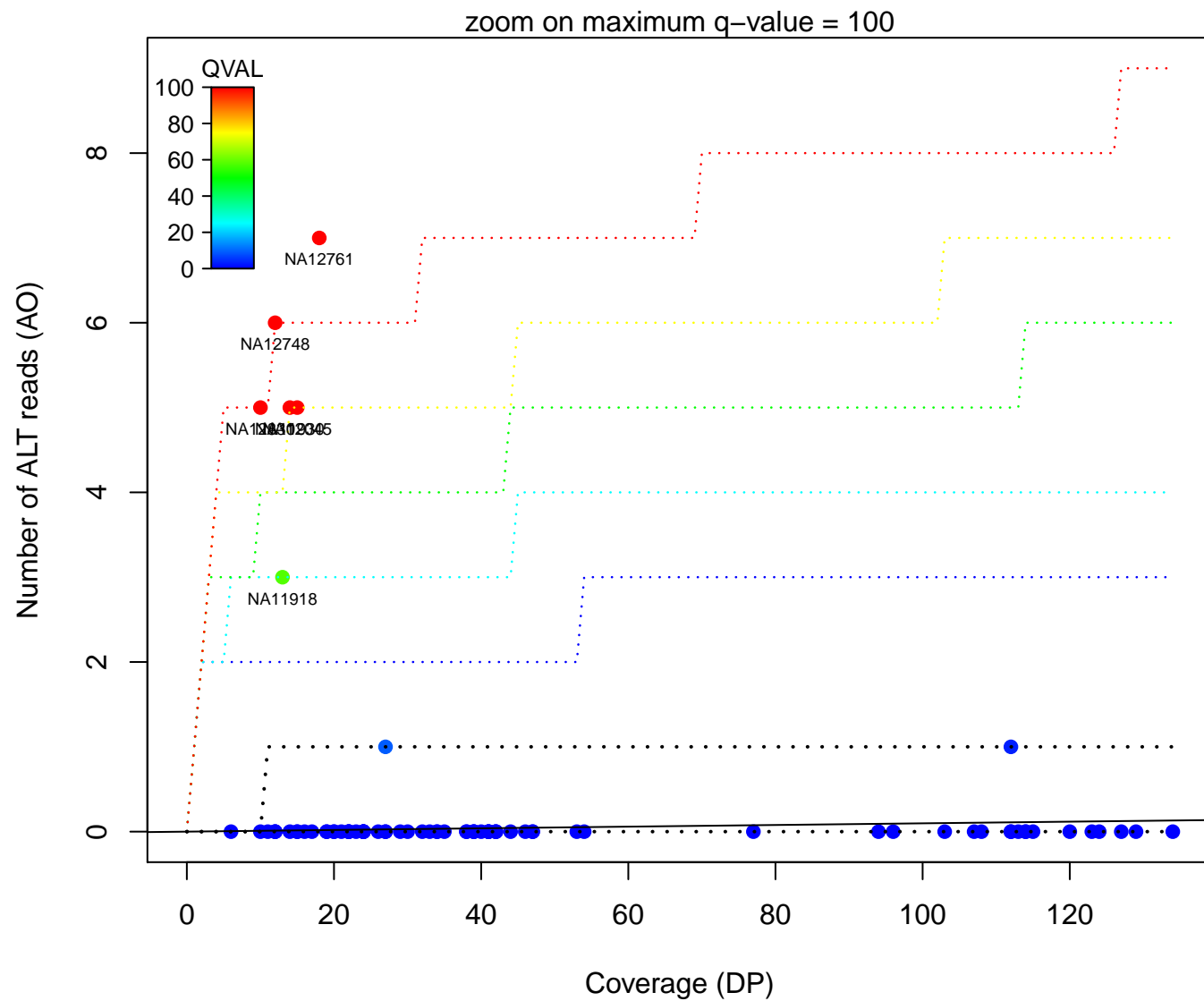


17:7577427 (G → A)

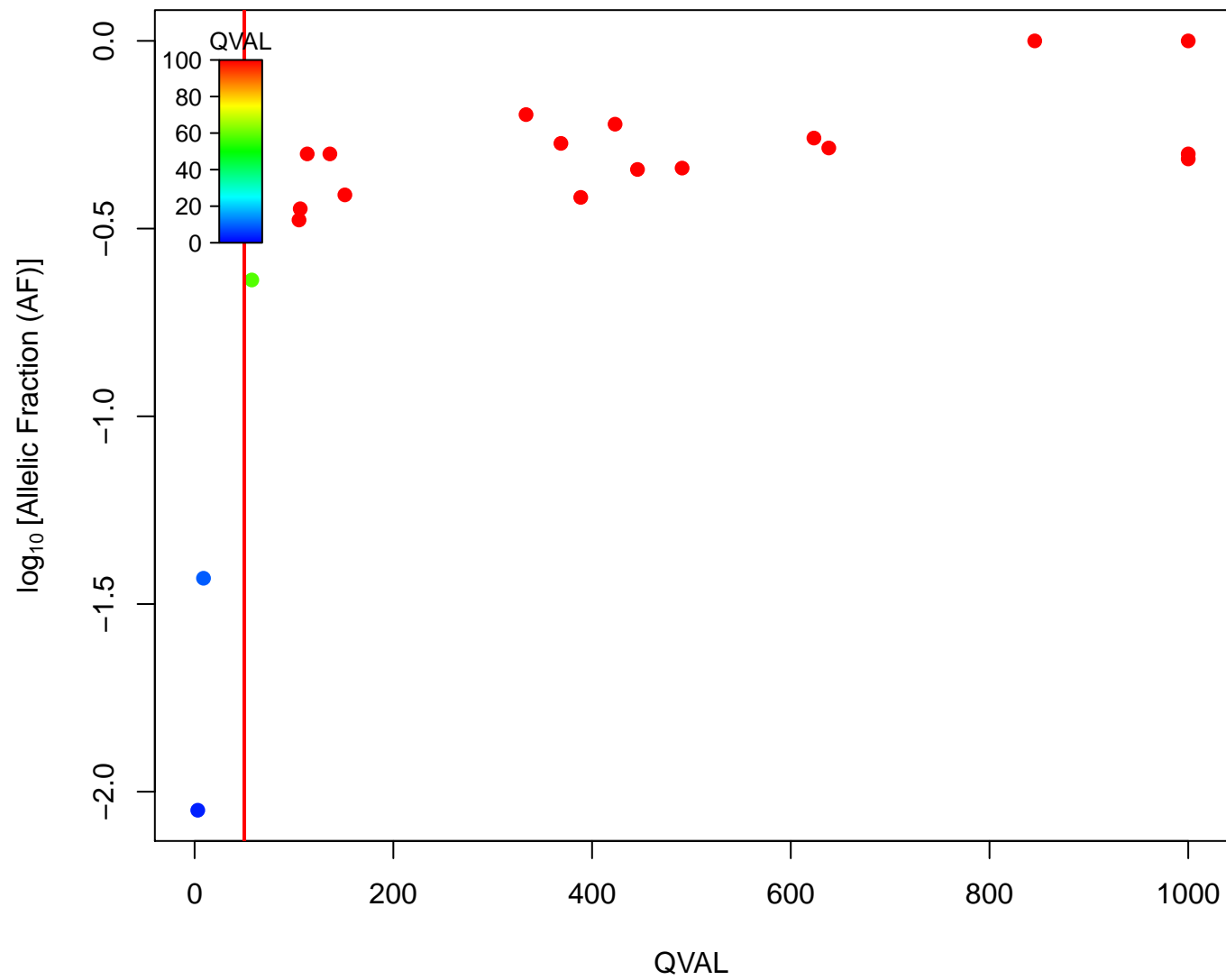
$e = 0.00098$ ,  $\sigma = 0.001$



17:7577427 (G → A)

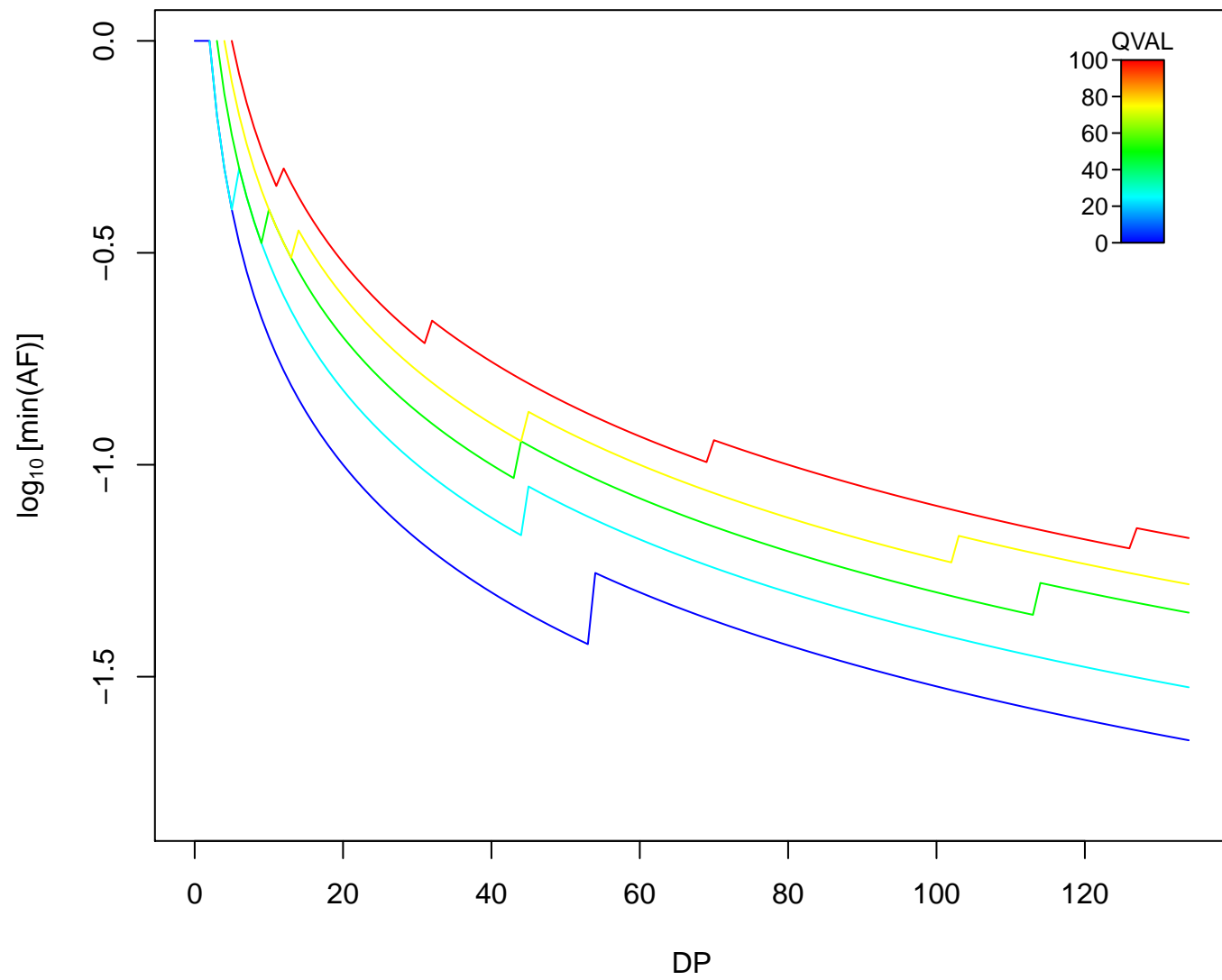


## Allelic fraction effect



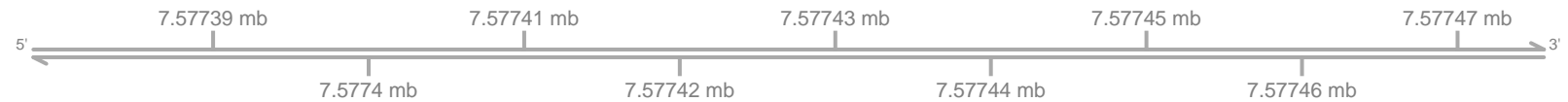
## Allelic fraction effect



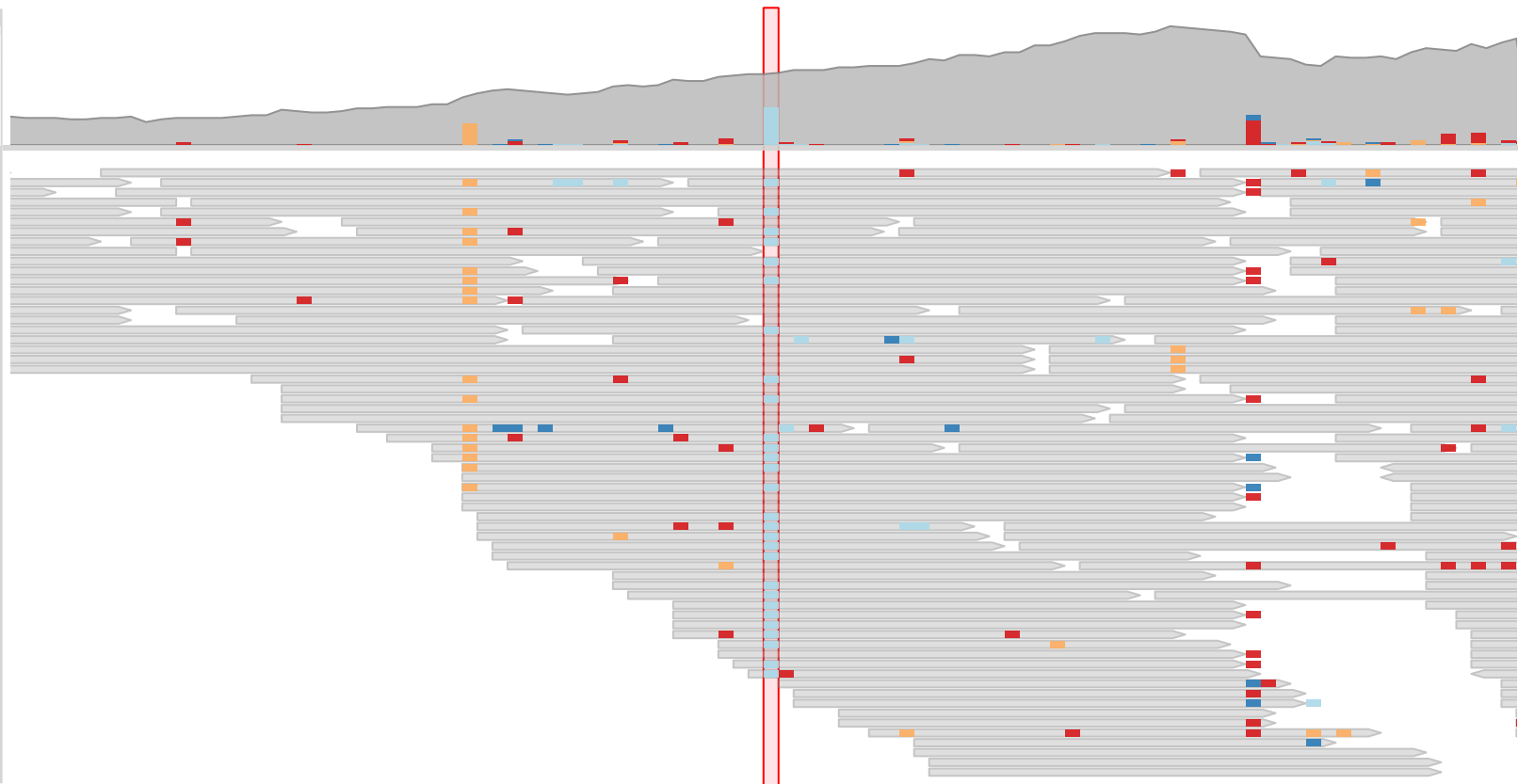


# NA06986

Chromosome 17



80  
60  
40  
20  
0



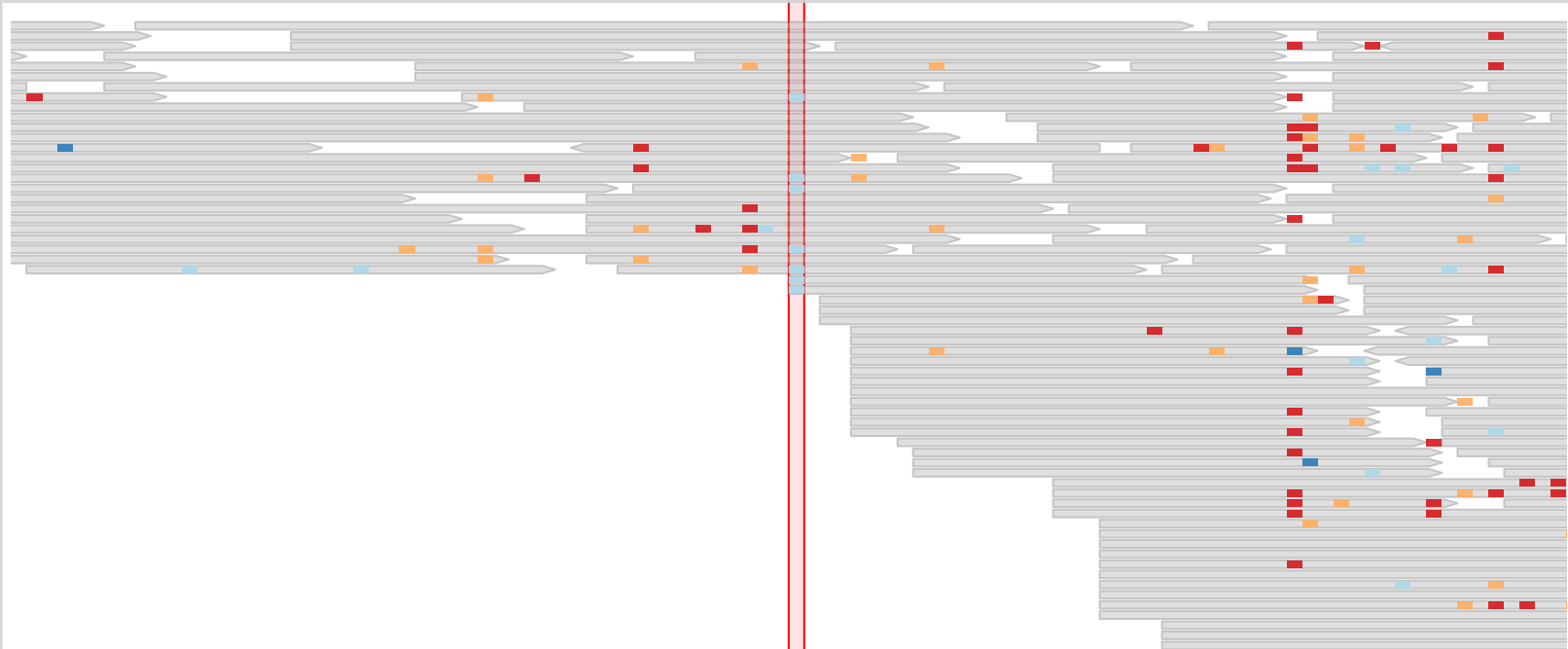
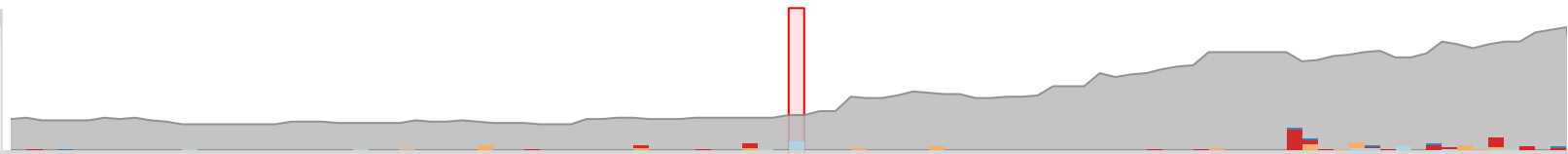
5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



# 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

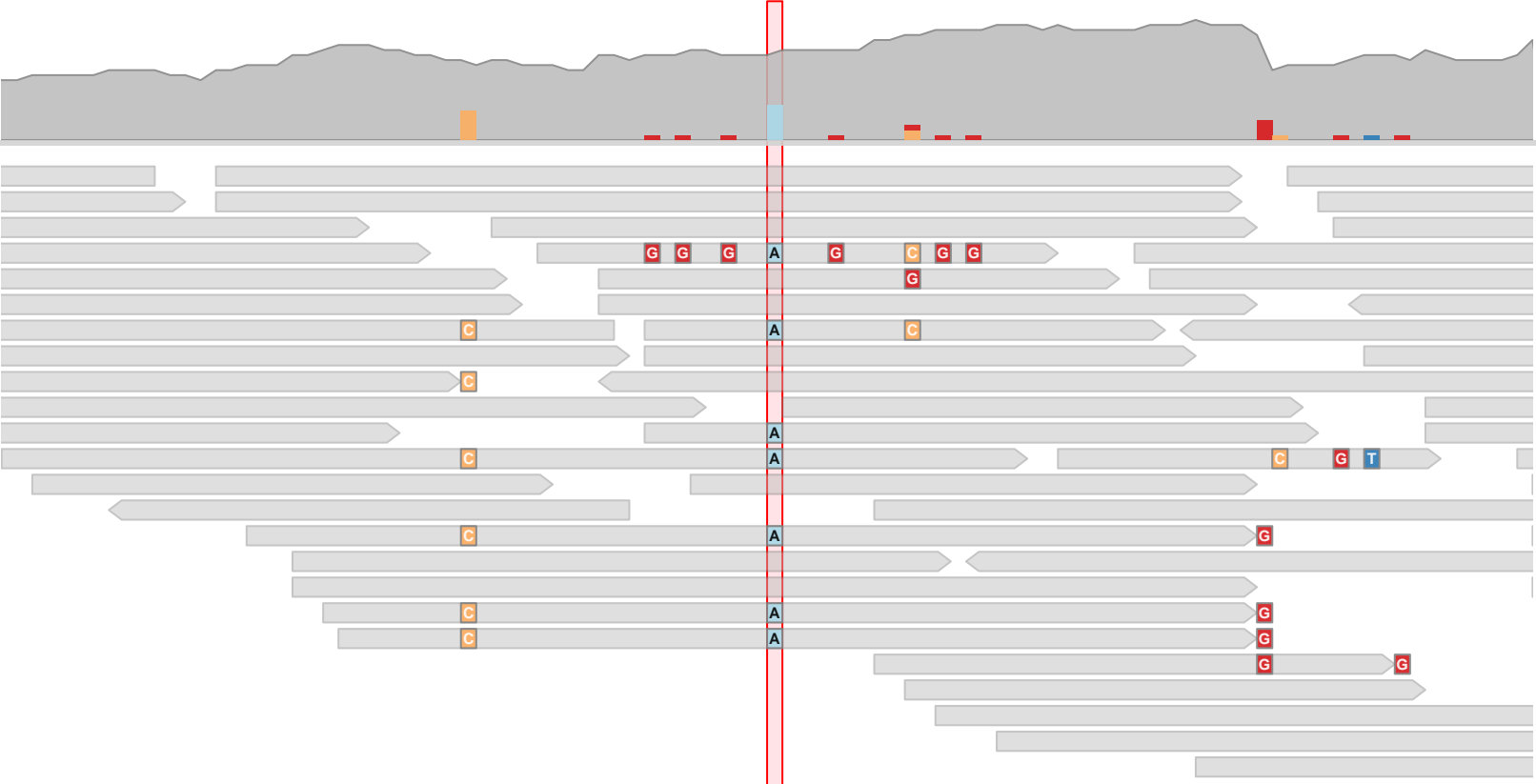
7.59 mb

NA11930

Chromosome 17

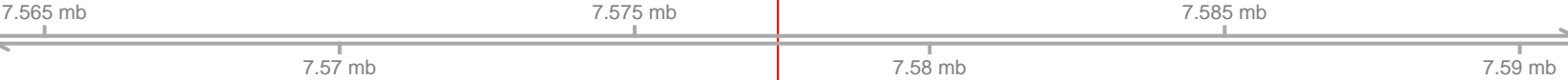


Alignment



5' TGATGAGAGGTGGATGGGTAGTAGTATGGAAGAAATCGGTAAAGAGGTGGGCCCAAGGGGTTCAGAGGCCAAGCAGAGGCTGGGGCACAAGCAGGCCAGTGTTG 3'

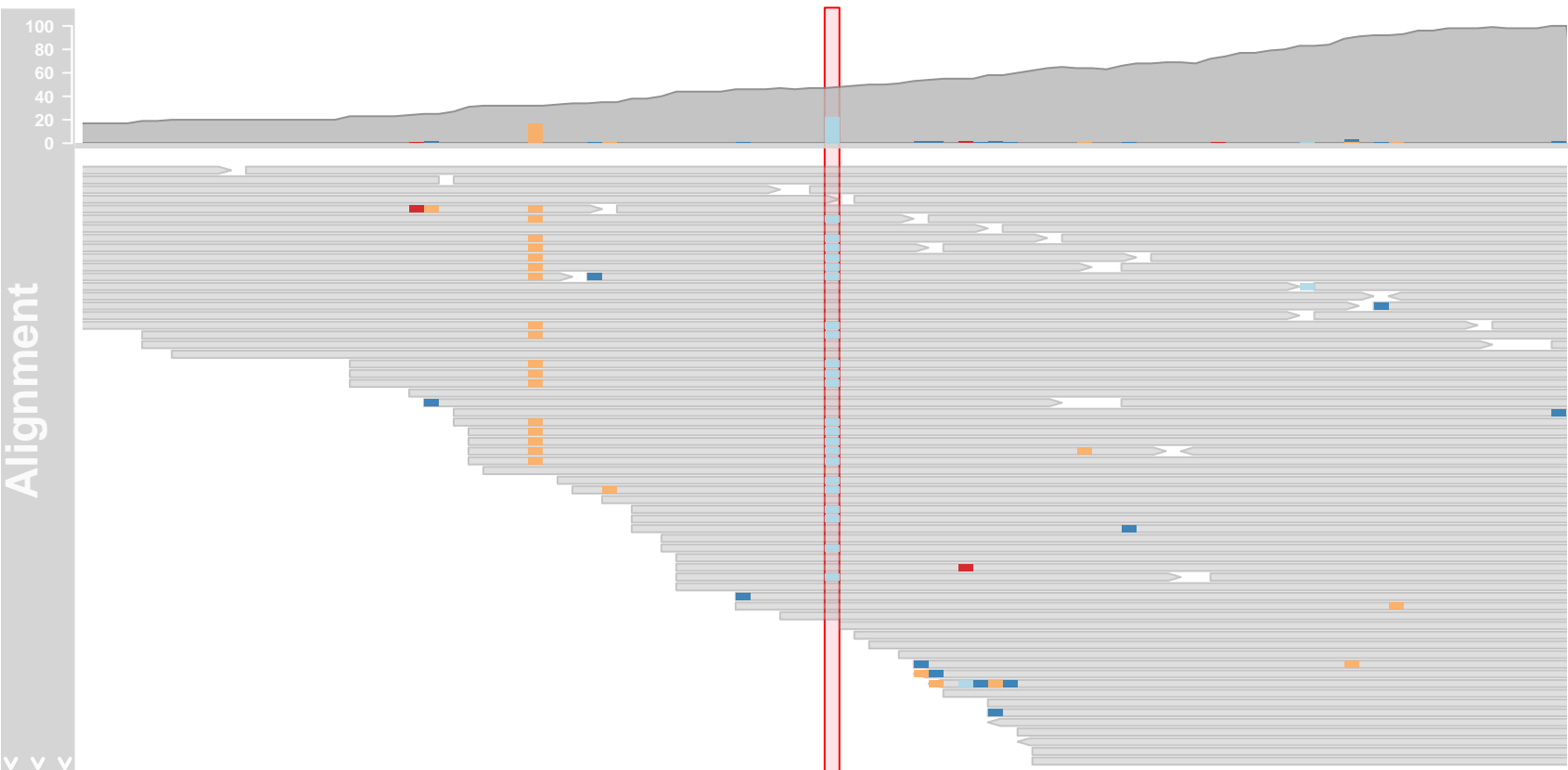
TP53





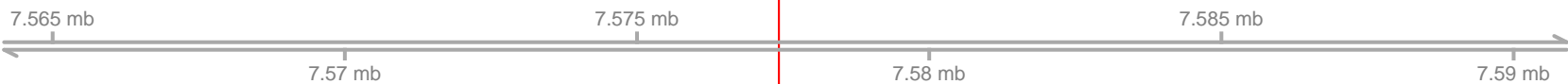
# NA11994

Chromosome 17



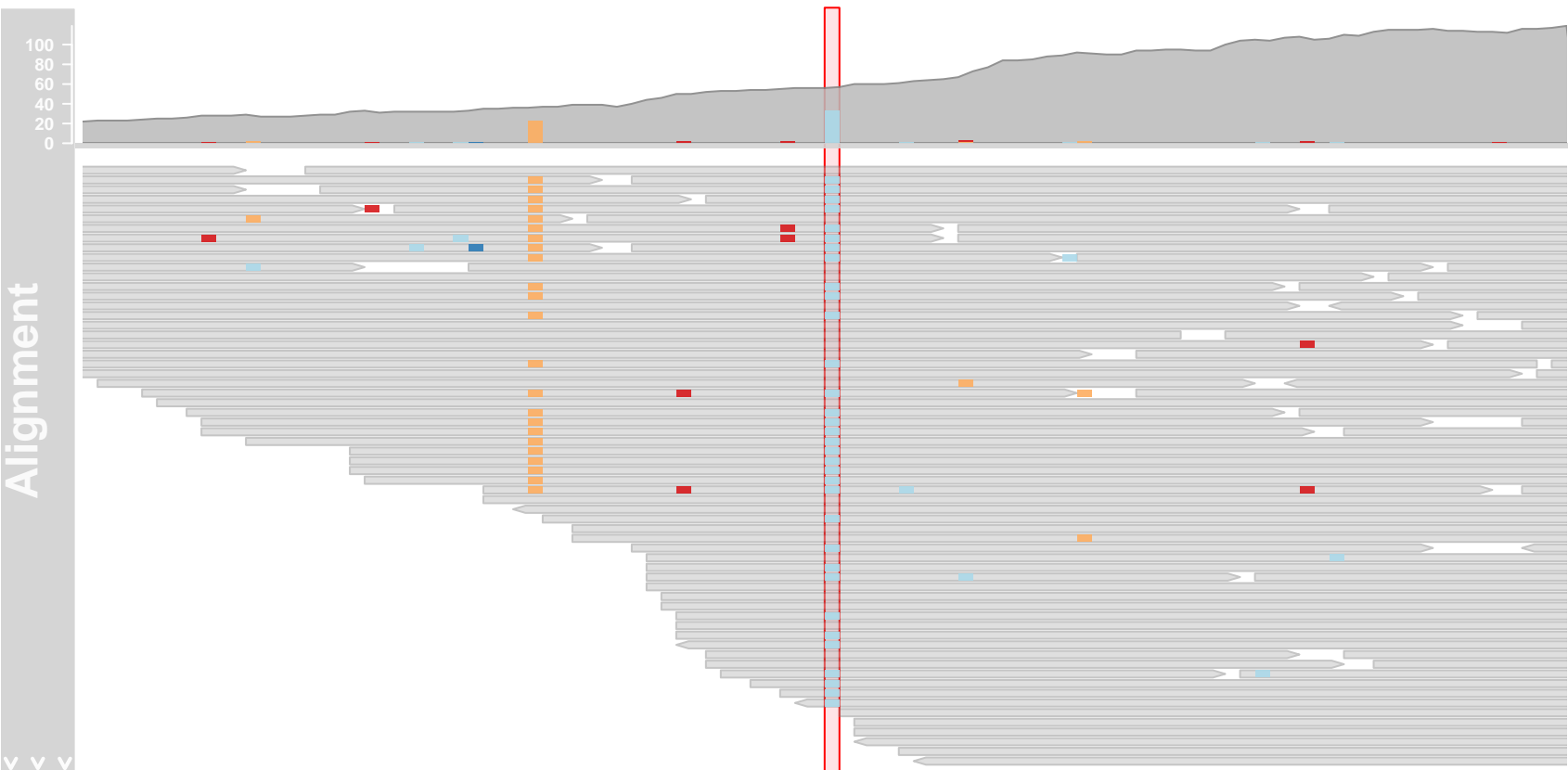
5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



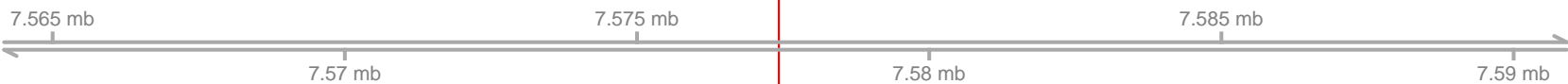
# NA12005

Chromosome 17



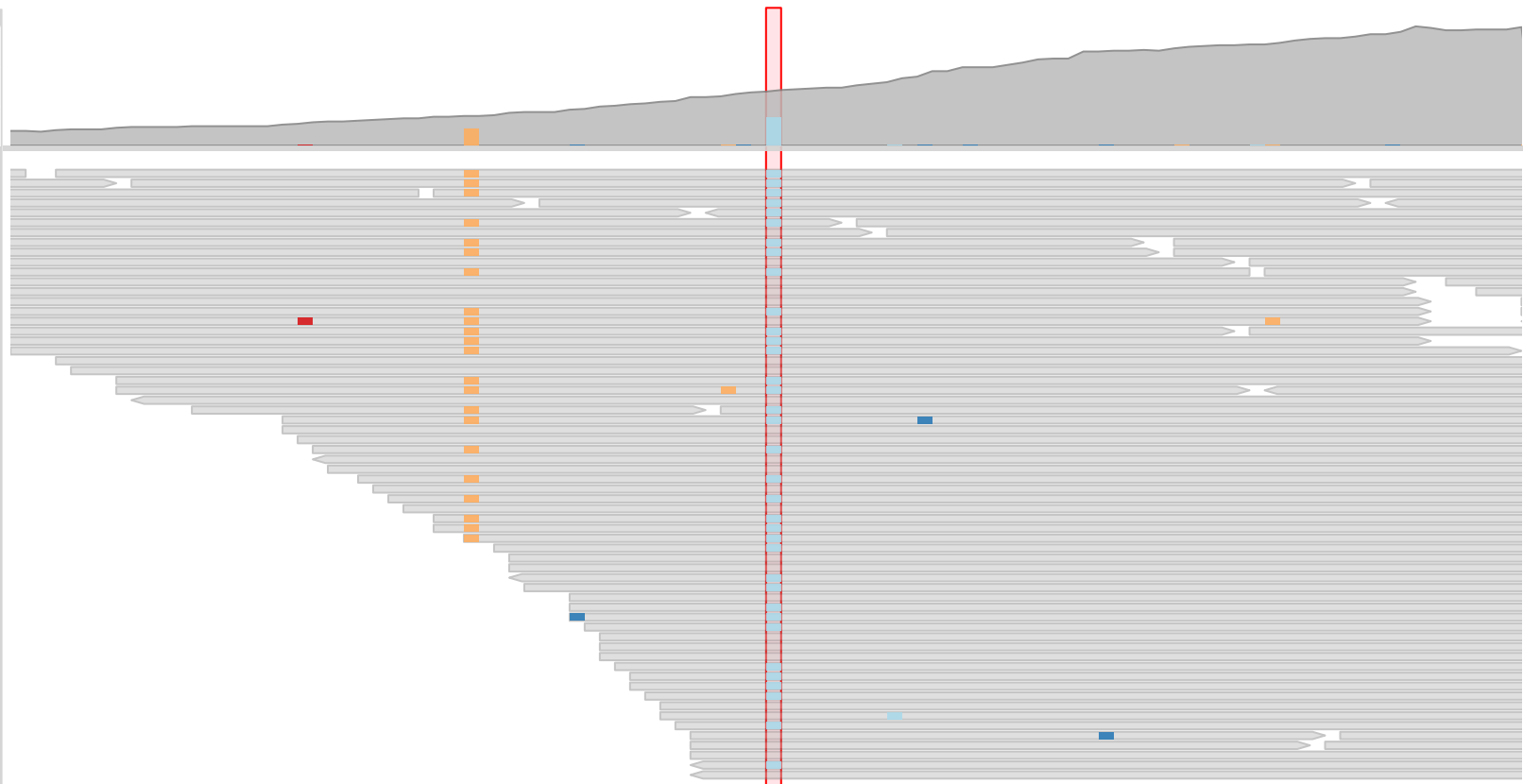
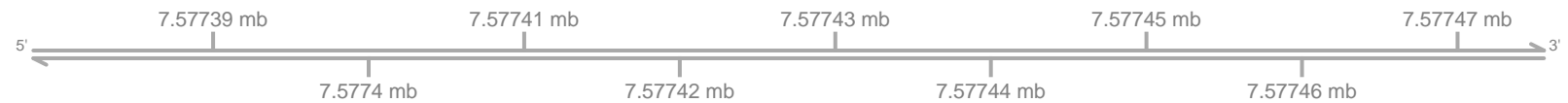
5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



# NA12006

Chromosome 17



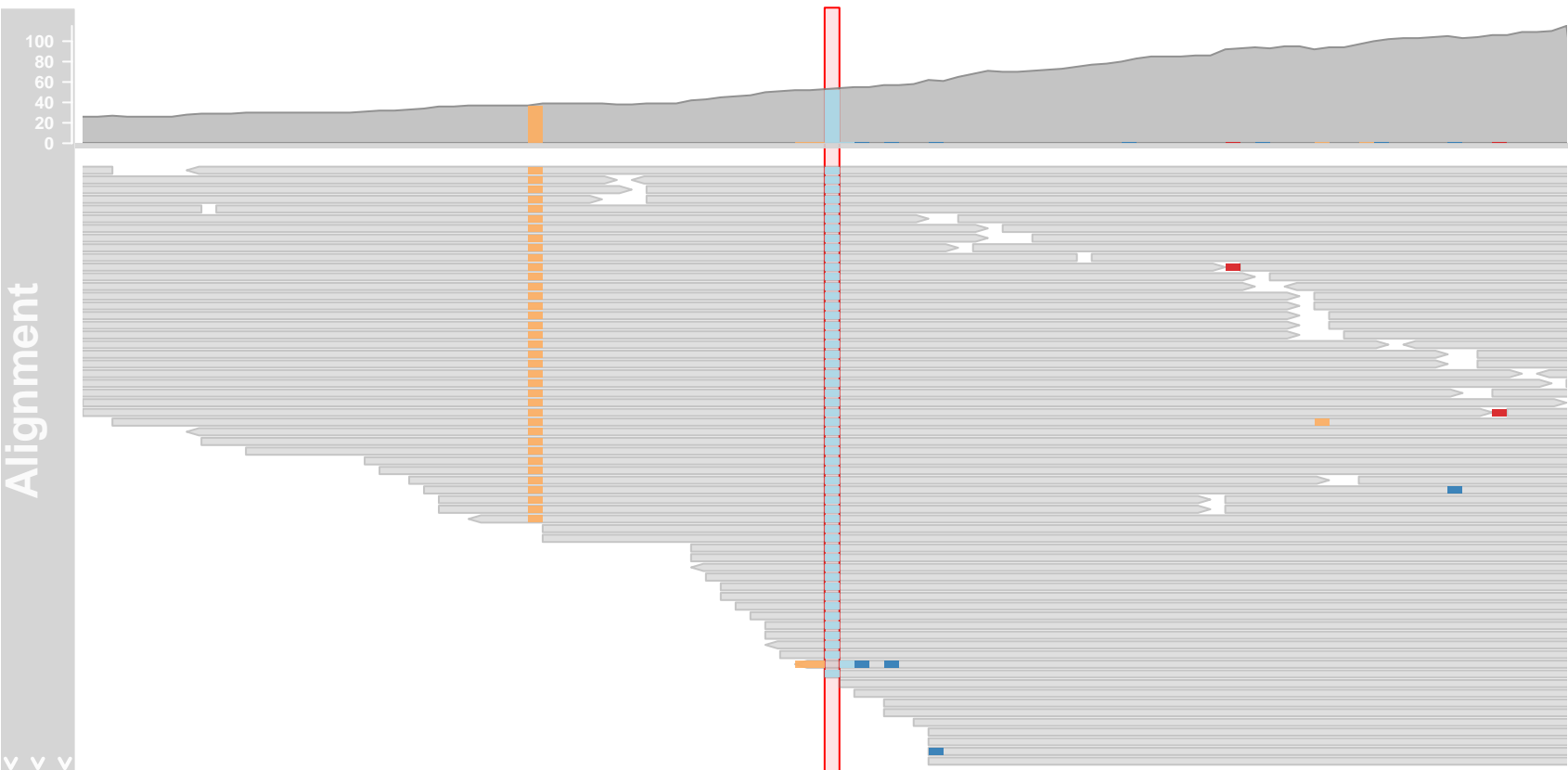
5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53



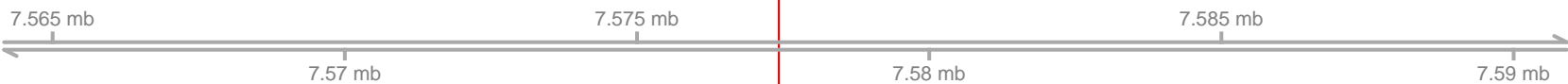
# NA12044

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



# NA12045

Chromosome 17



7.57739 mb

7.57741 mb

7.57743 mb

7.57745 mb

7.57747 mb

5'

3'

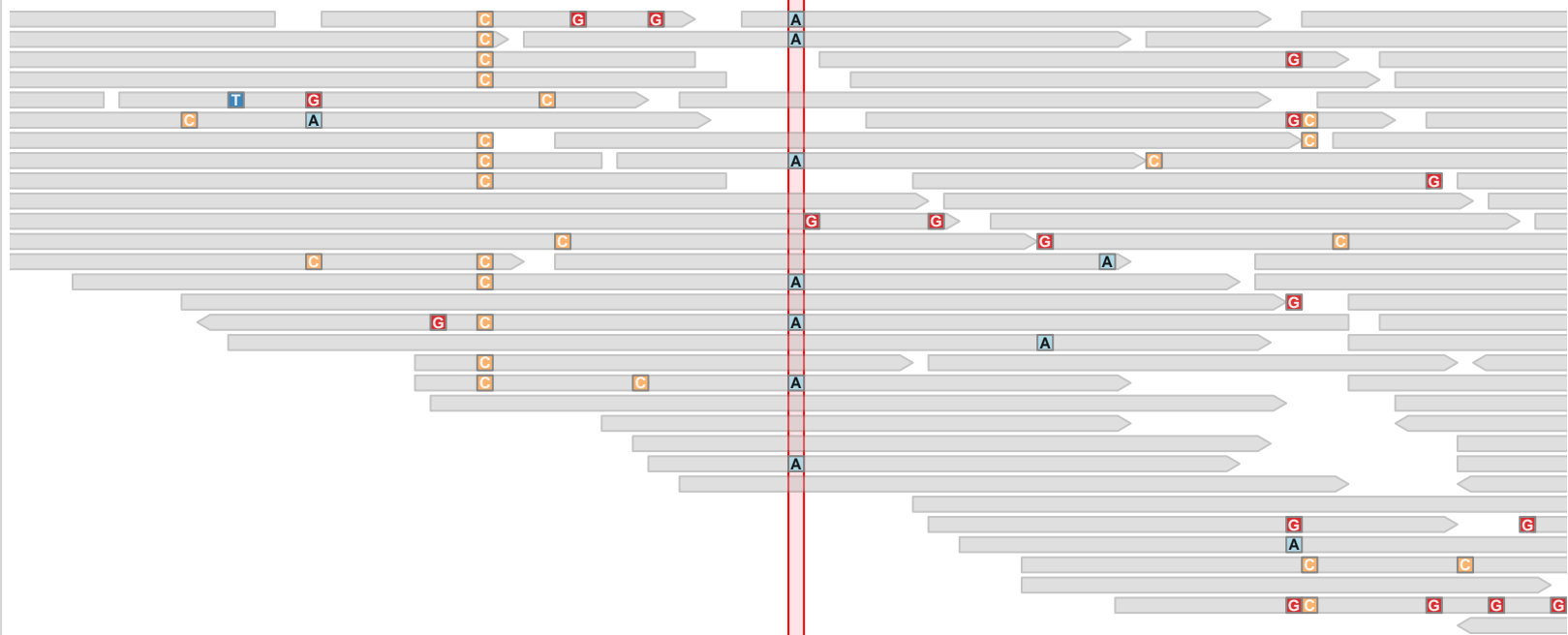
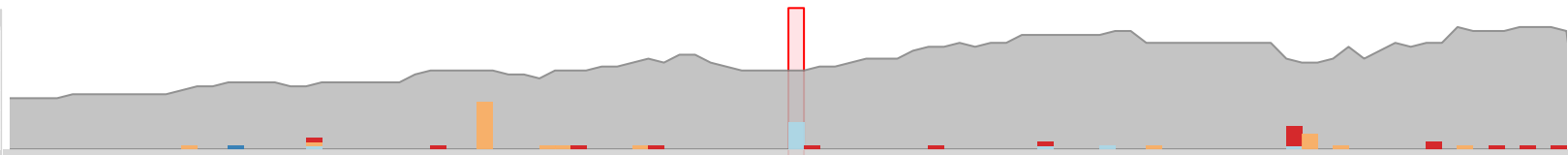
7.5774 mb

7.57742 mb

7.57744 mb

7.57746 mb

30  
25  
20  
15  
10  
5  
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 G C C A G T G T G 3'

TP53

7.565 mb

7.57 mb

7.575 mb

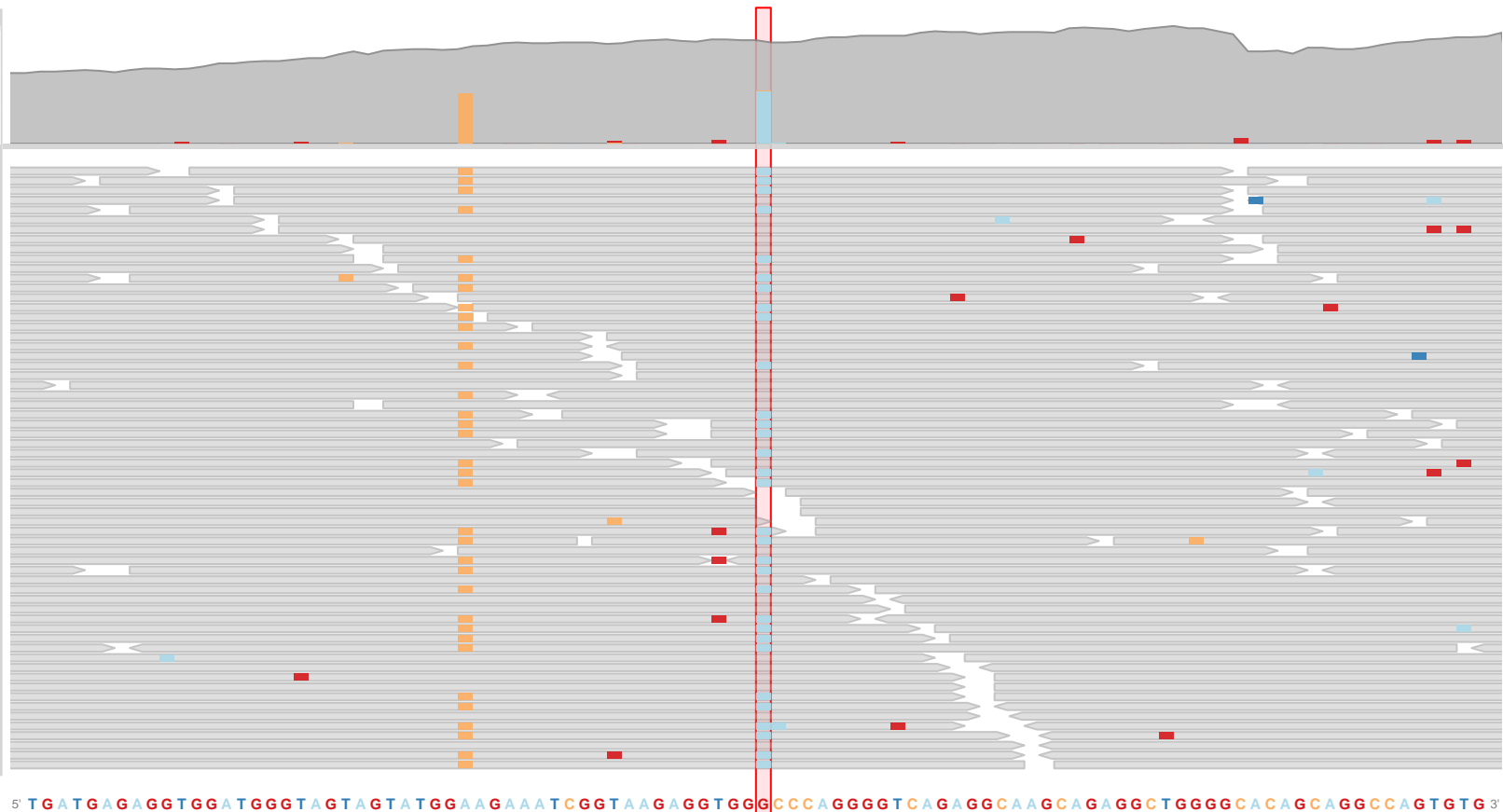
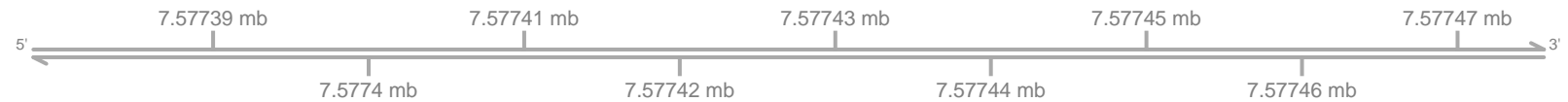
7.58 mb

7.585 mb

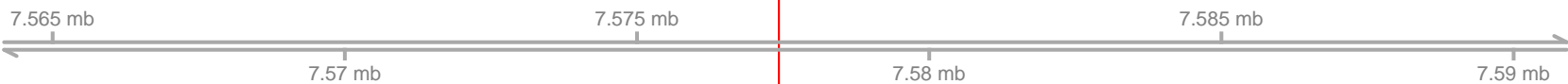
7.59 mb

# NA12347

Chromosome 17

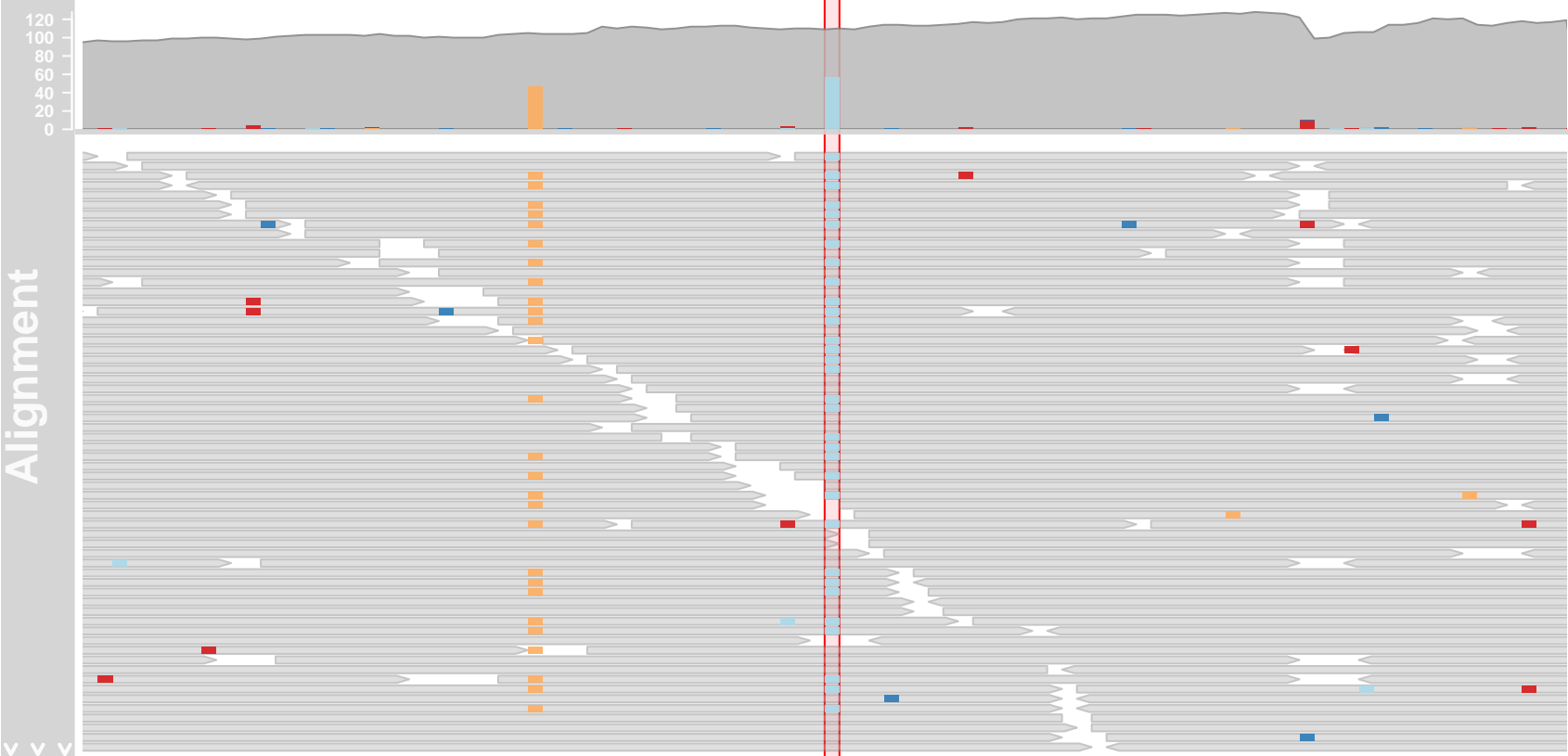


TP53



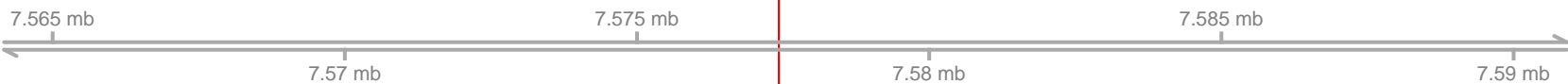
# NA12348

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



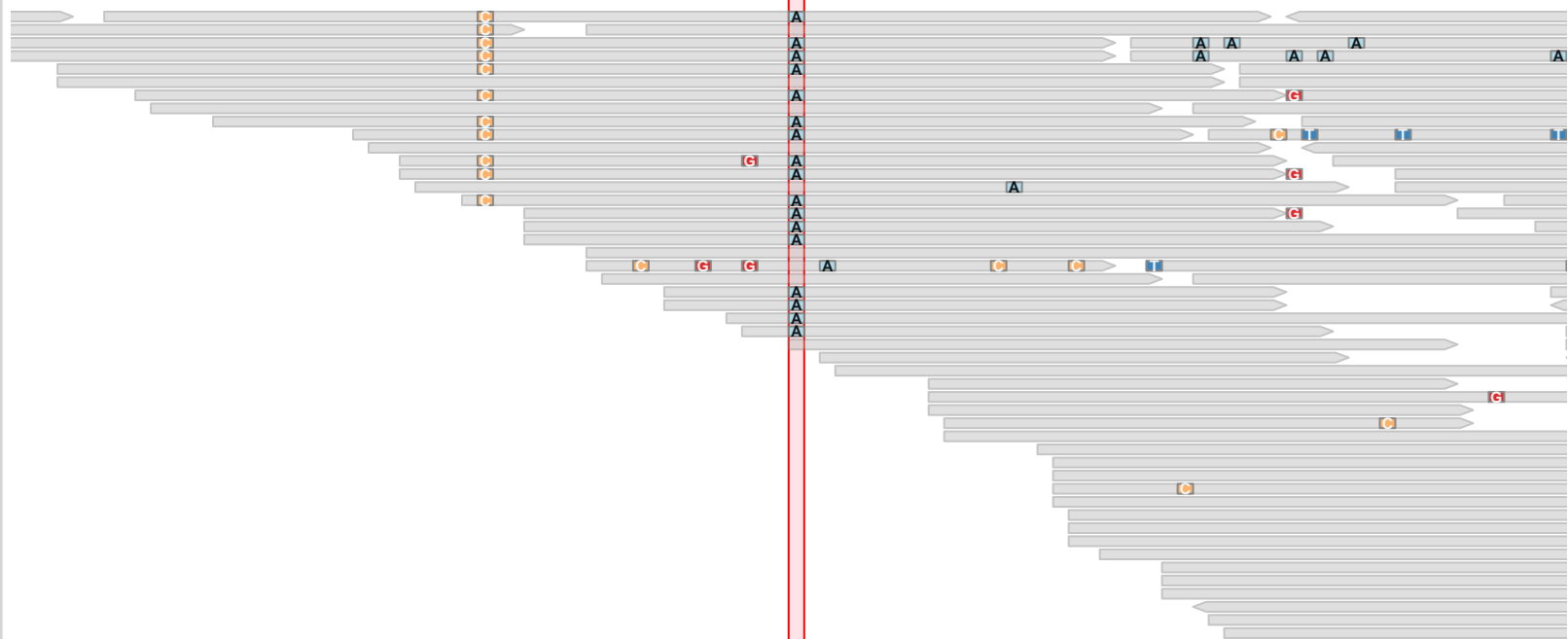
# NA12400

Chromosome 17



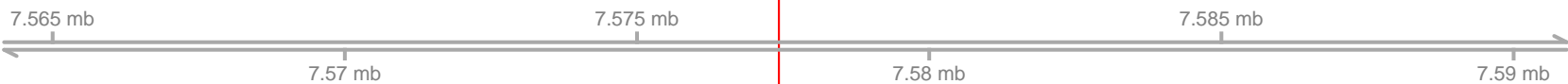
40  
30  
20  
10  
0

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



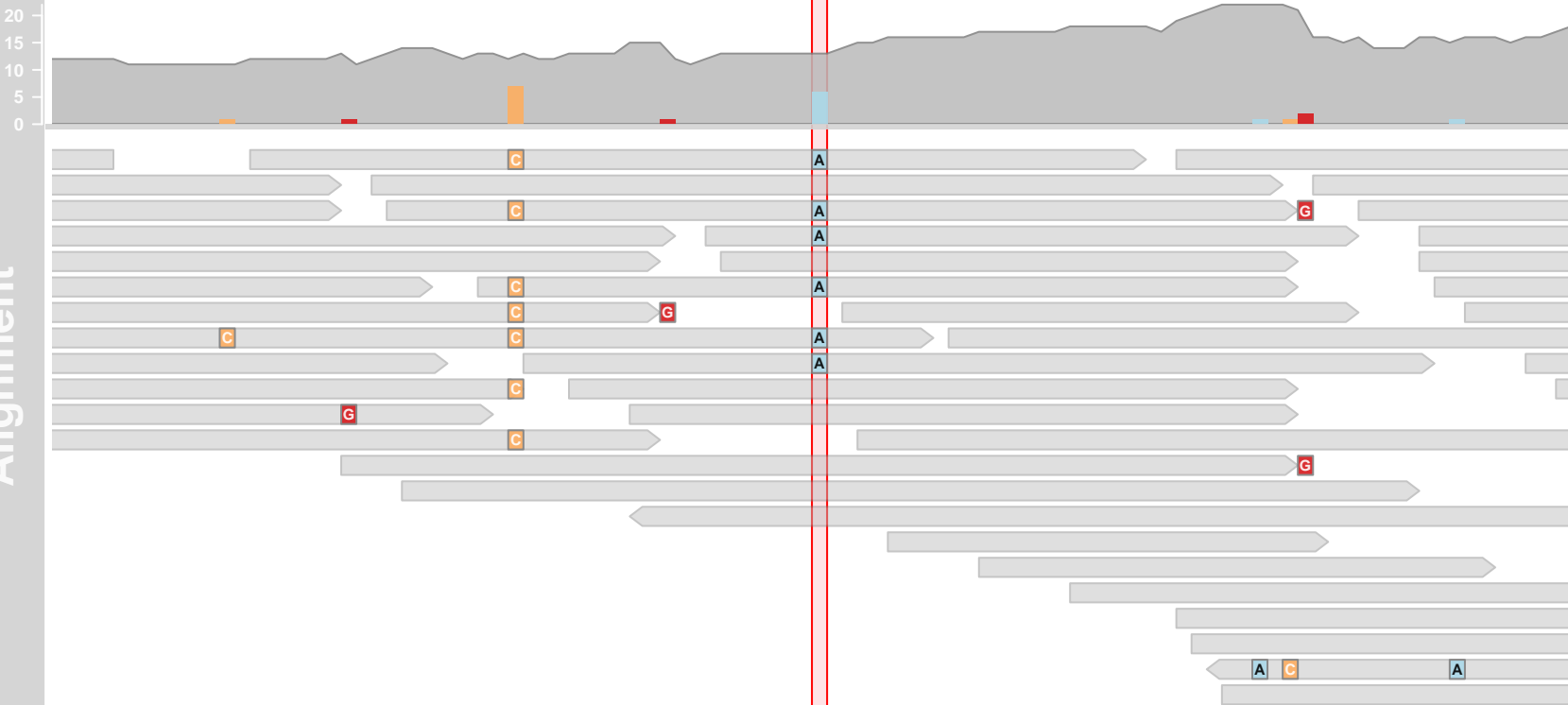


NA12748

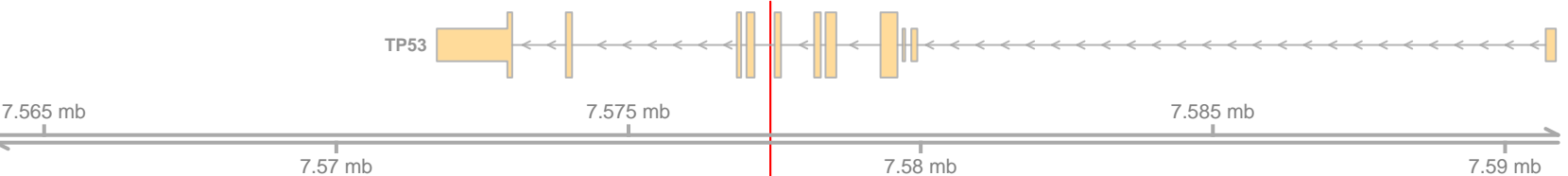
Chromosome 17



Alignment

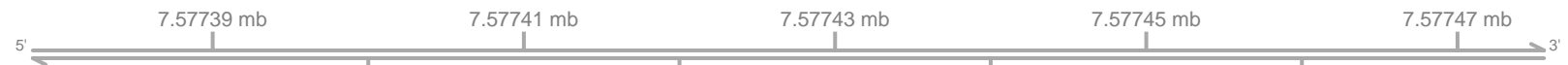


5' TGATGAGAGGTGGATGGGTAGTAGTATGGAAGAAATCGGTAAAGAGGTGGGCCCAAGGGGTTCAGAGGCCAAGCAGAGGCTGGGGCACAAGCAGGCCAGTGTTG 3'

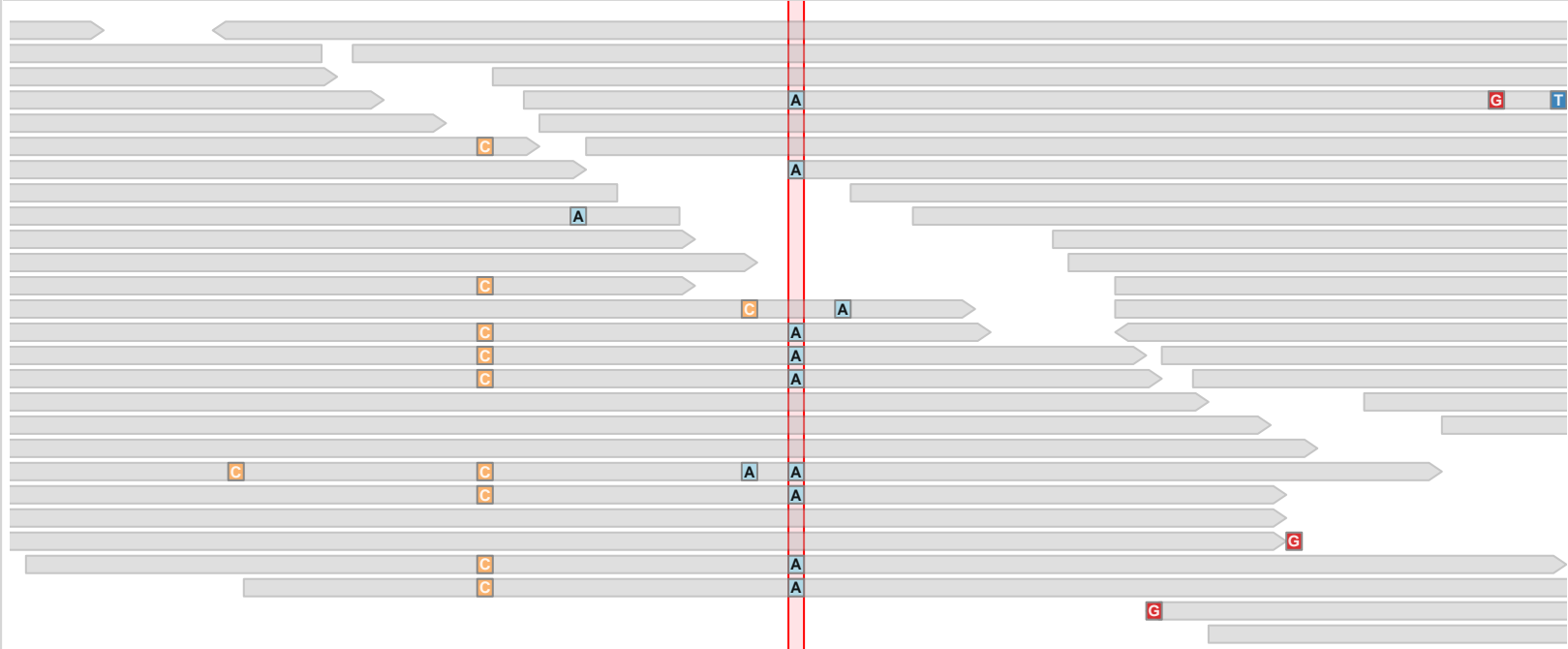
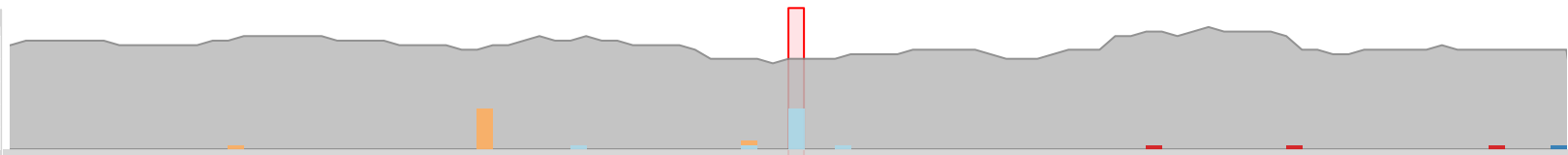


# NA12761

Chromosome 17



25  
20  
15  
10  
5  
0



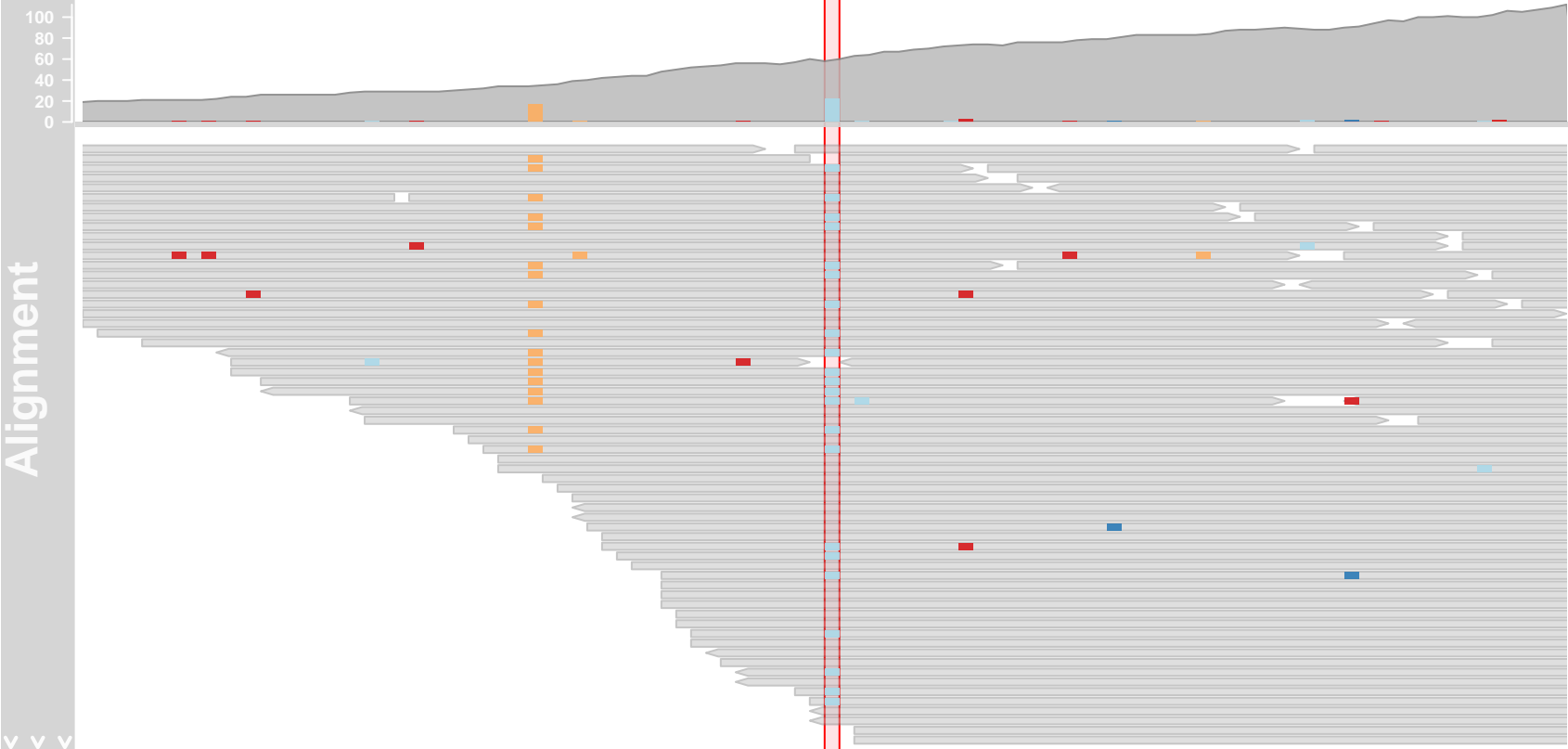
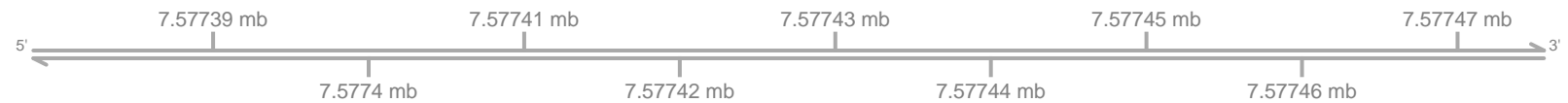
5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53

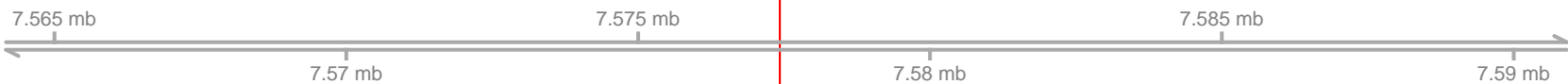


# NA12812

Chromosome 17

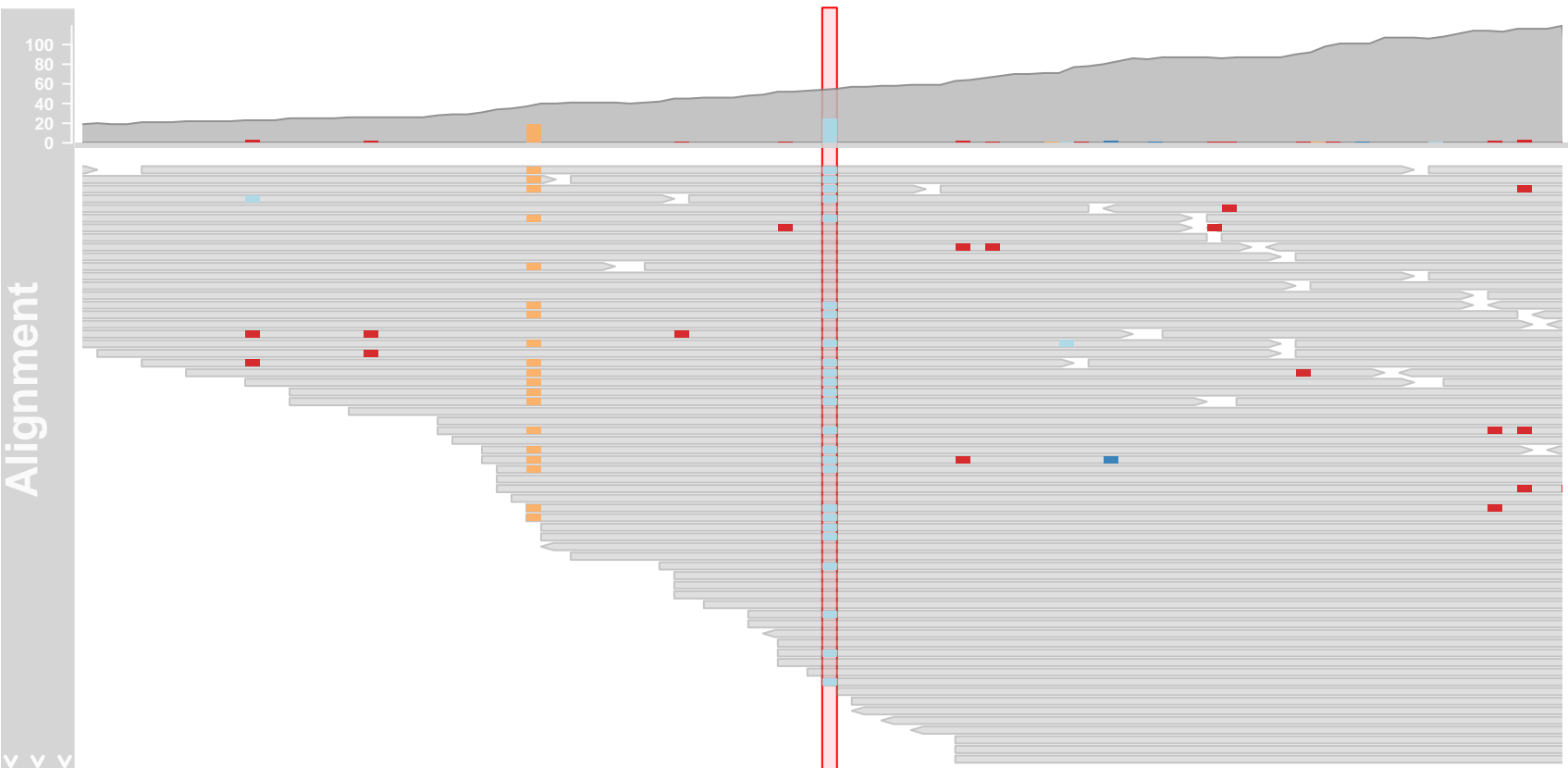


TP53



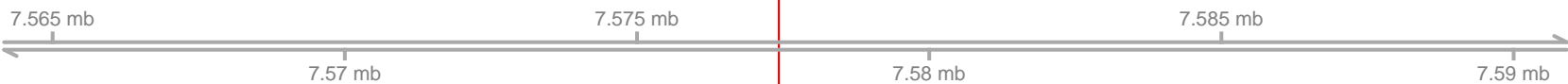
# NA12815

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



20

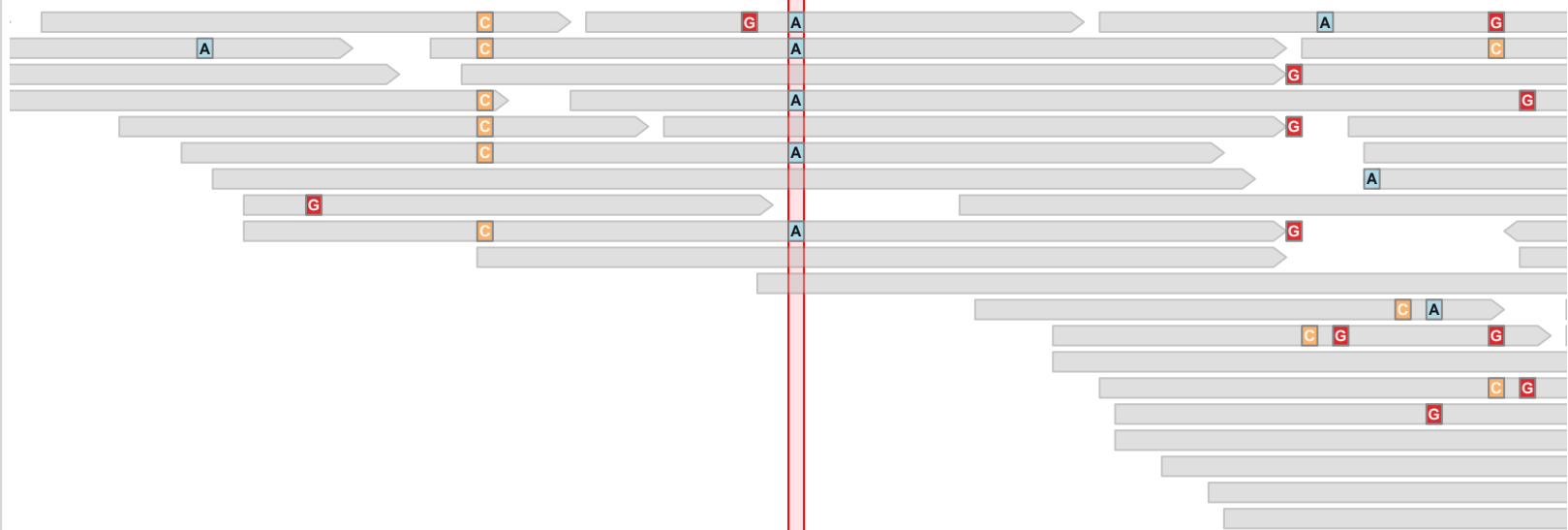
15

10

5

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 G C A G T G T G 3'

TP53

7.565 mb

7.57 mb

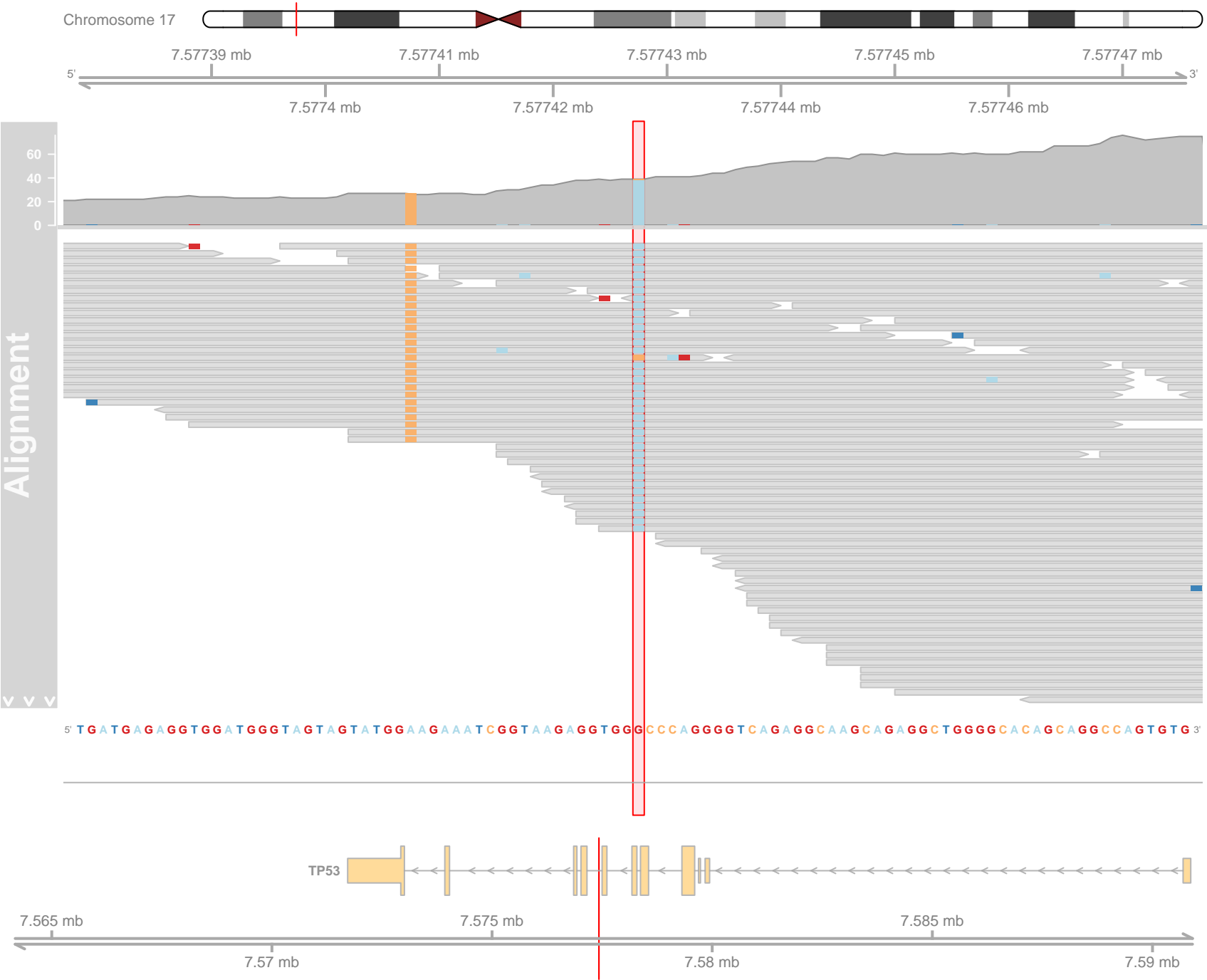
7.575 mb

7.58 mb

7.585 mb

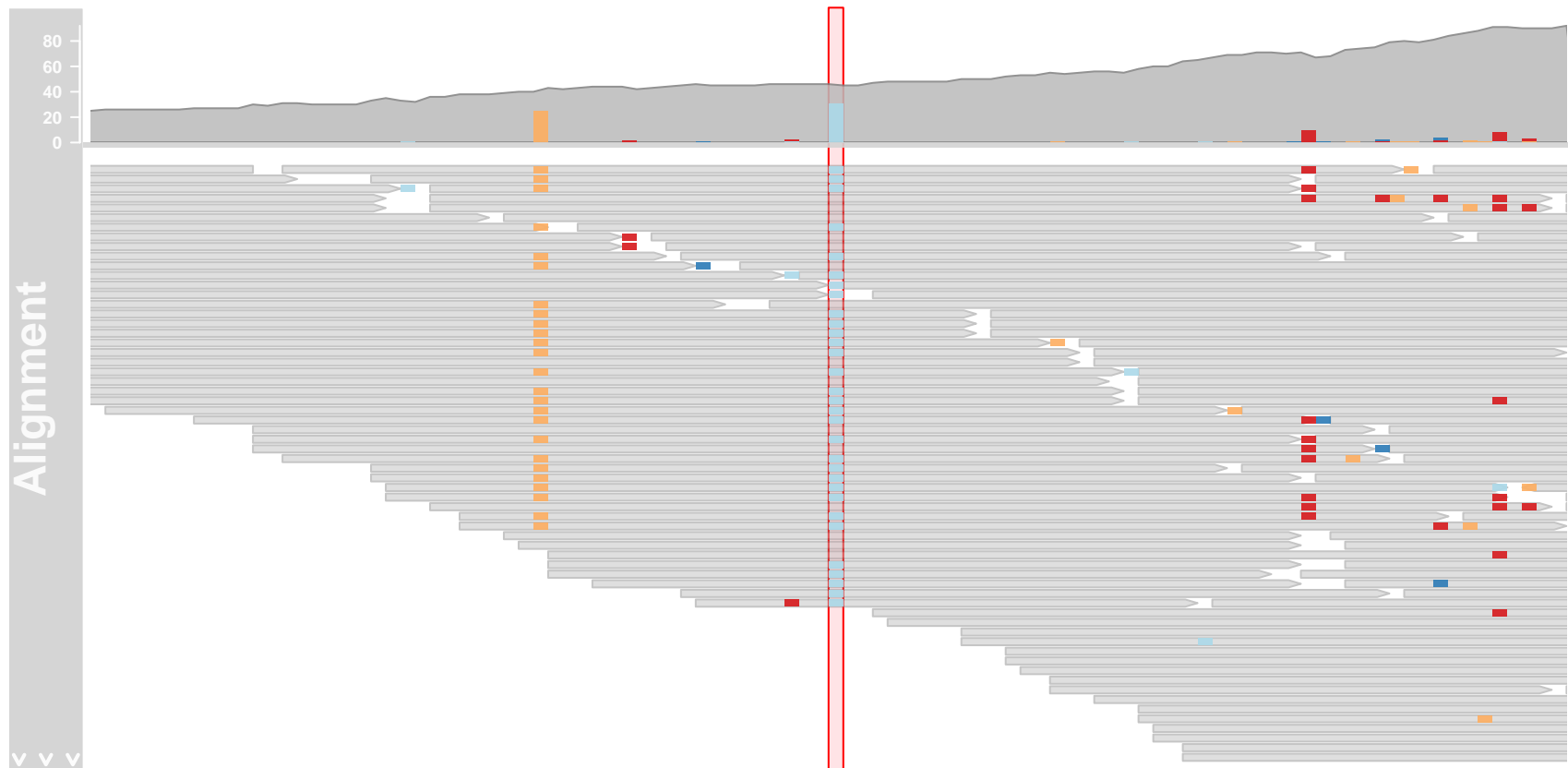
7.59 mb

# NA12872



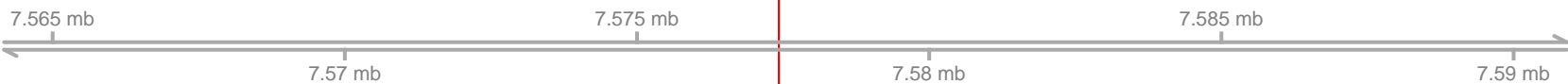
# NA12890

Chromosome 17

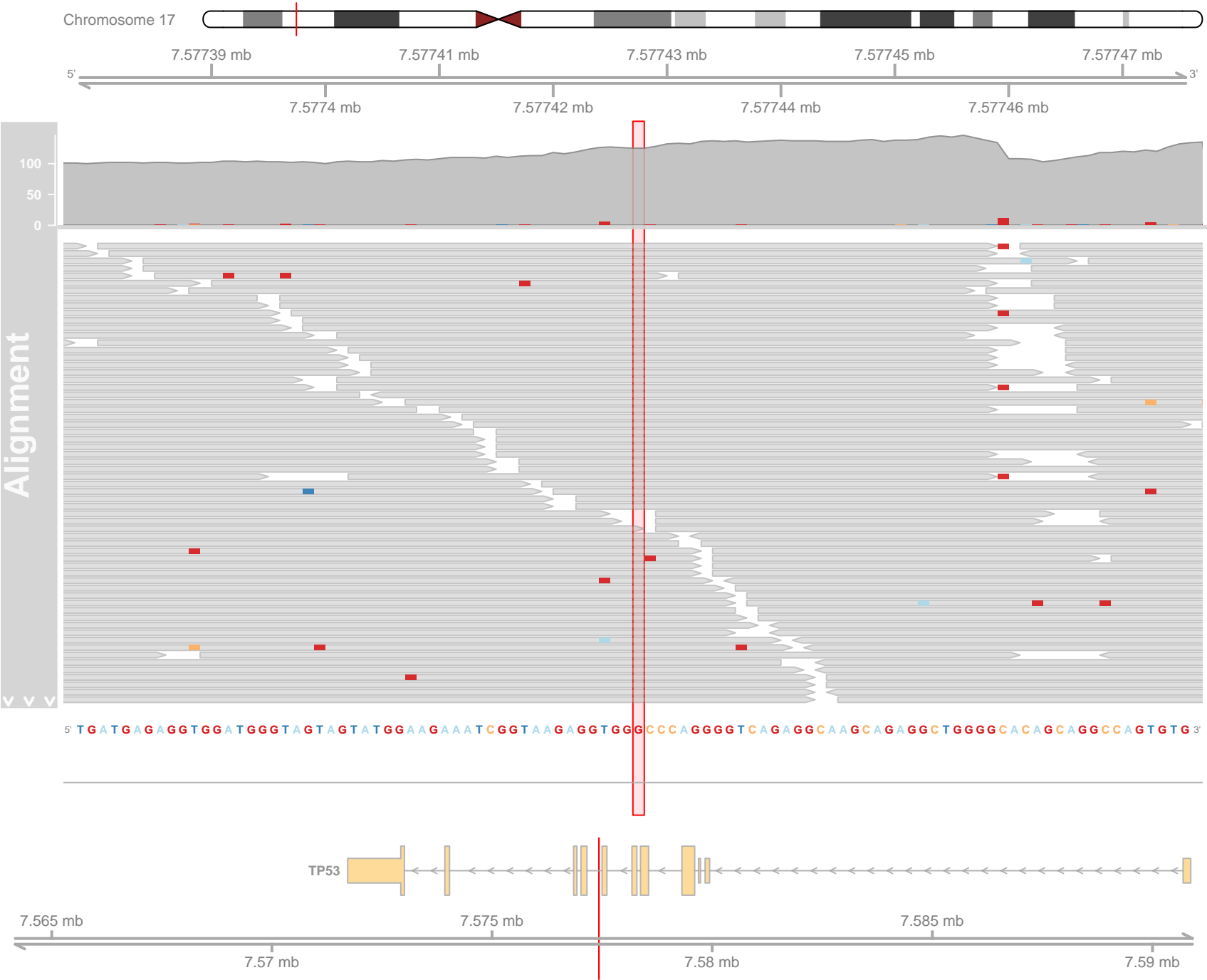


5' T G A T G A G A G G T G G A T G G G T A G T A G T A T G G A A G A A A T C G G T A A G A G G T G G G C C C A G G G G T C A G A G G C A A G C A G A G G C T G G G G C A C A G C A G G C C A G T G T G 3'

TP53

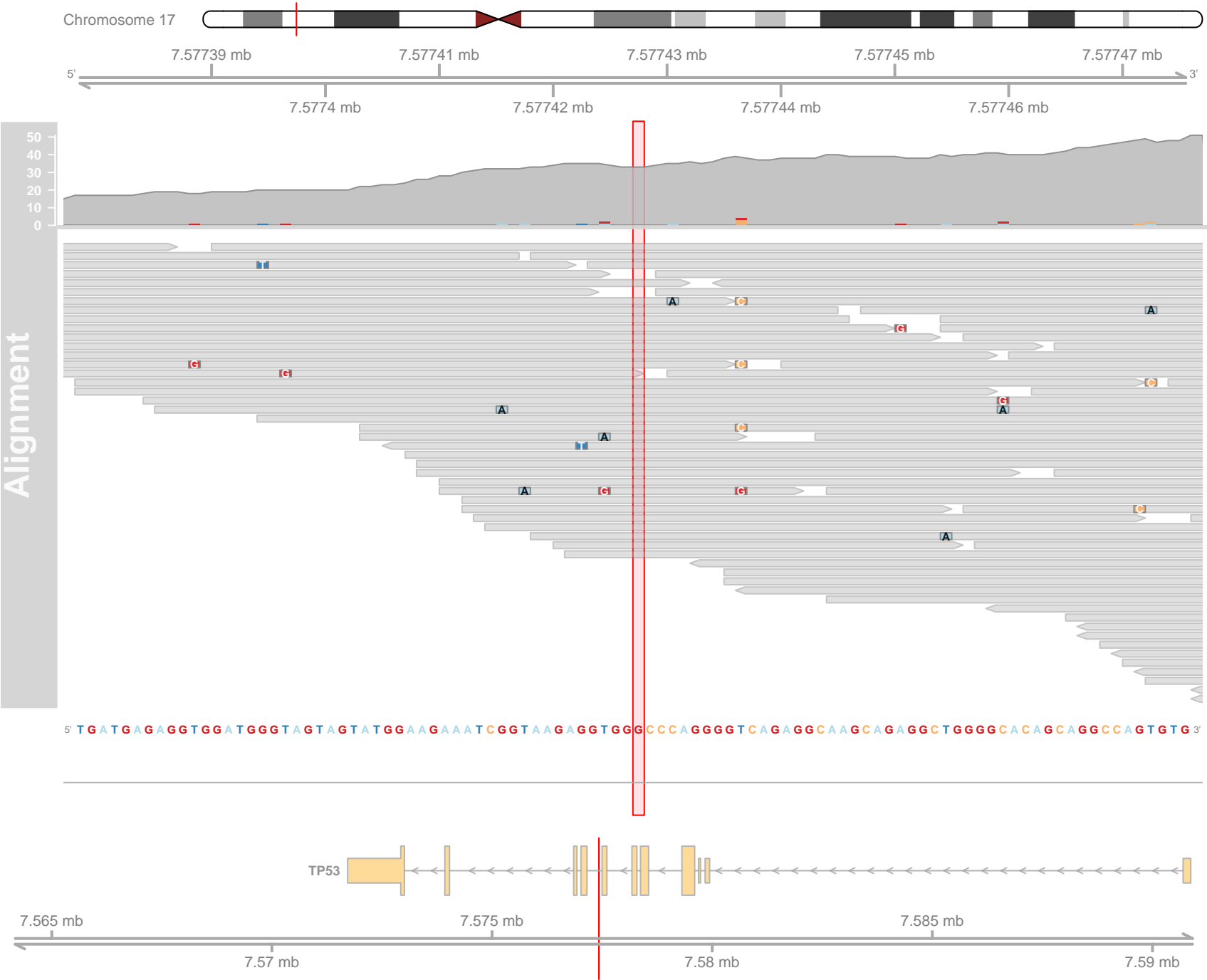


NA11931\*



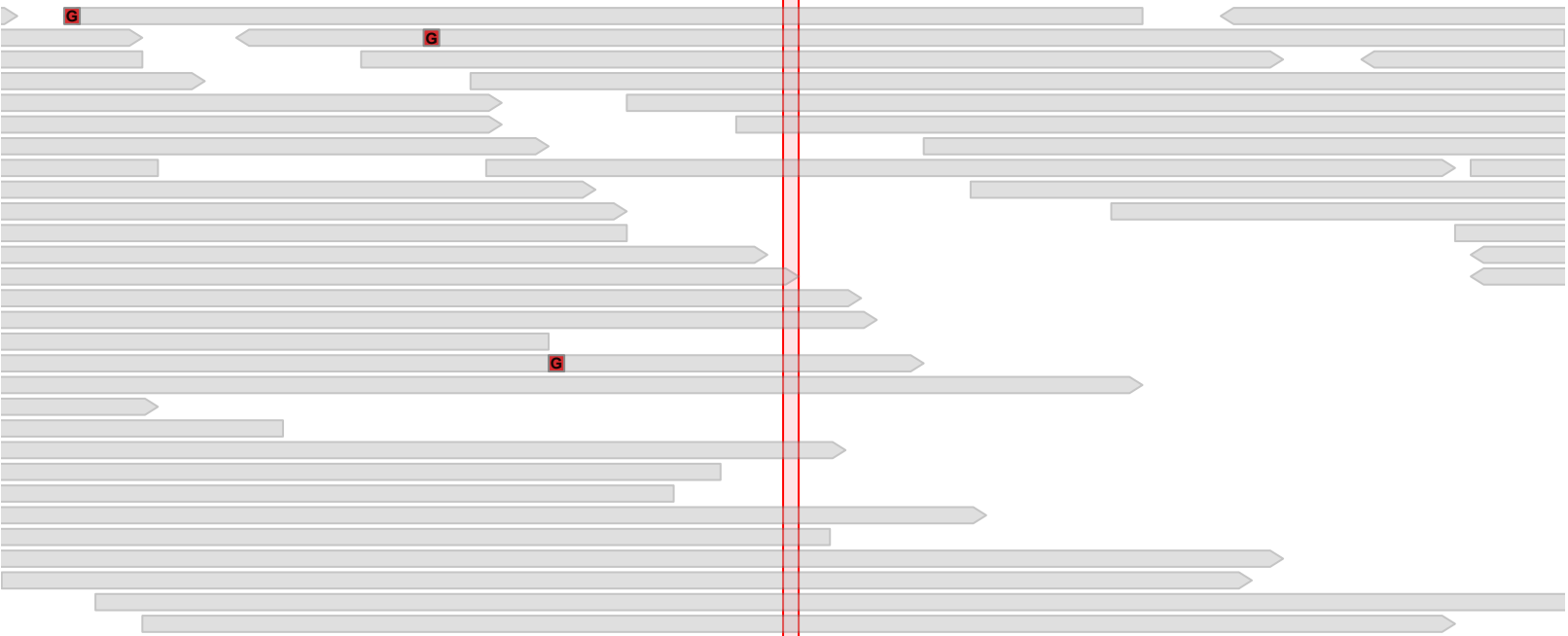
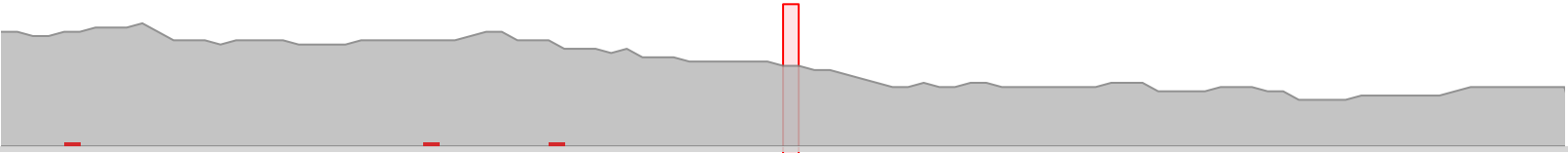
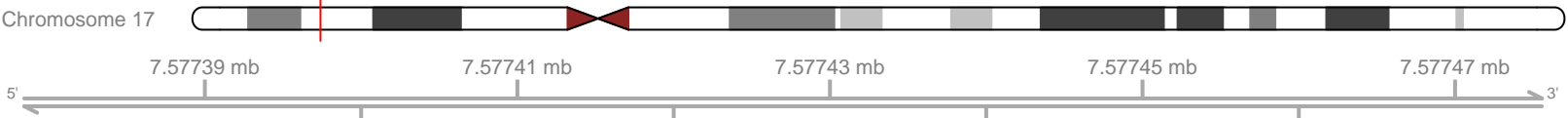


NA12873\*

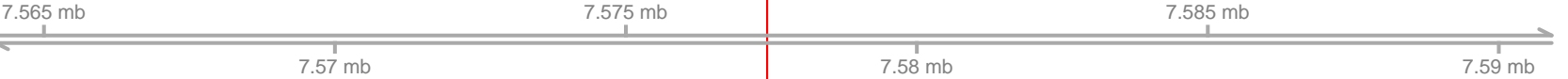


NA12763\*

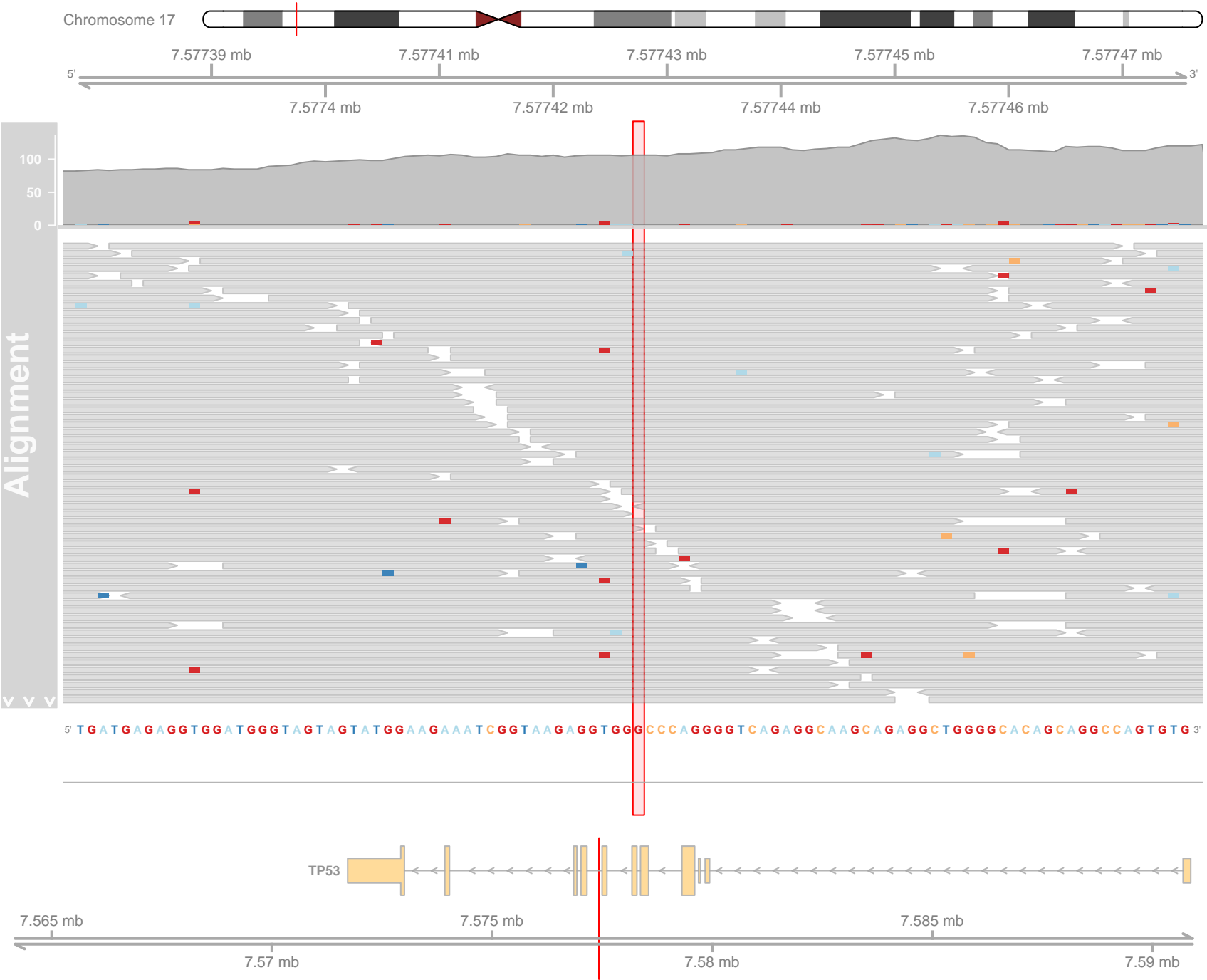
Chromosome 17



5' TGATGAGAGGTGGATGGGTAGTAGTATGGAAGAAATCGGTAAAGAGGTGGGGCCCAAGGGTTCAGAGGCCAAGCAGAGGCTGGGGCACAAGCAGGCCAAGTGTG 3'



NA12777\*



NA12750\*

