

Sample: NA12877

Locus: HLA-A

Resolution: 4th field

Full typing result:

HLA-A*03:397

HLA-A*03:284N

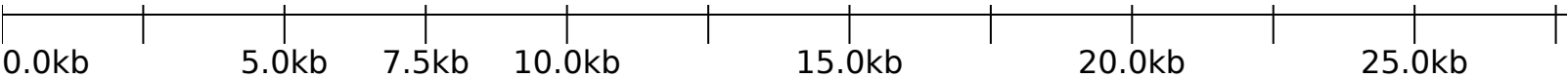
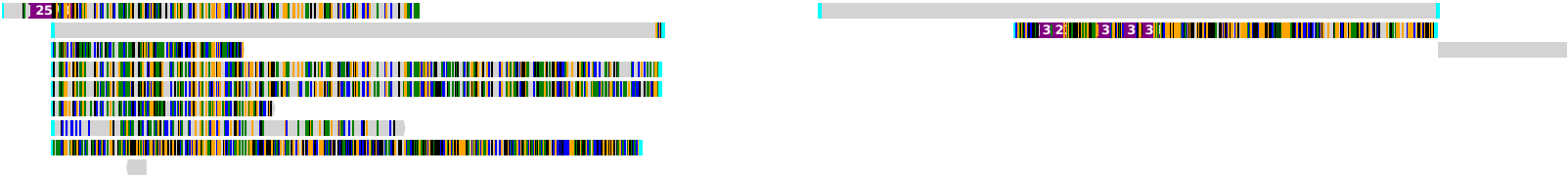
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-A*03:397 (identity: 100.00%)



HLA-A*03:284N (identity: 100.00%)



Sample: NA12877

Locus: HLA-B

Resolution: 4th field

Full typing result:

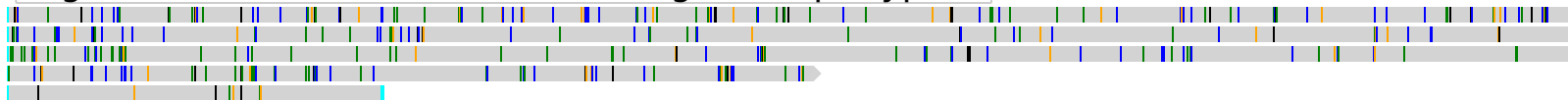
HLA-B*15:01:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

4.0kb

HLA-B*15:01:01:01 (identity: 99.98%)



Sample: NA12877

Locus: HLA-B

Resolution: 4th field

Full typing result:

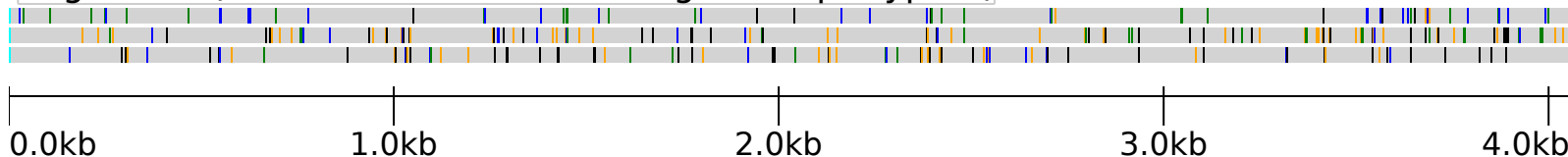
HLA-B*44:02:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-B*44:02:01:01 (identity: 100.00%)

Sample: NA12877

Locus: HLA-C

Resolution: 4th field

Full typing result:

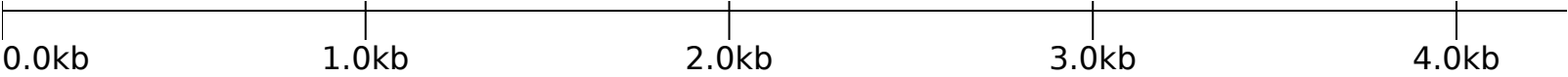
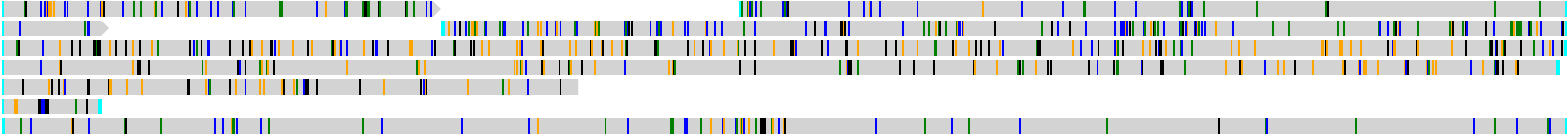
- HLA-C*03:04:01:01HLA-C*03:04:01:02HLA-C*03:04:01:86
- HLA-C*03:04:01:88HLA-C*03:04:01:90QHLA-C*03:04:75
- HLA-C*03:605HLA-C*03:09HLA-C*03:04:05
- HLA-C*03:38:02

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



- HLA-C*03:04:01:01 (identity: 99.98%)
- HLA-C*03:04:01:02 (identity: 99.95%)
- HLA-C*03:04:01:86 (identity: 99.95%)
- HLA-C*03:04:01:88 (identity: 99.95%)
- HLA-C*03:04:01:90Q (identity: 99.88%)
- HLA-C*03:04:75 (identity: 99.95%)
- HLA-C*03:605 (identity: 99.95%)
- HLA-C*03:09 (identity: 99.95%)
- HLA-C*03:04:05 (identity: 99.95%)
- HLA-C*03:38:02 (identity: 99.95%)

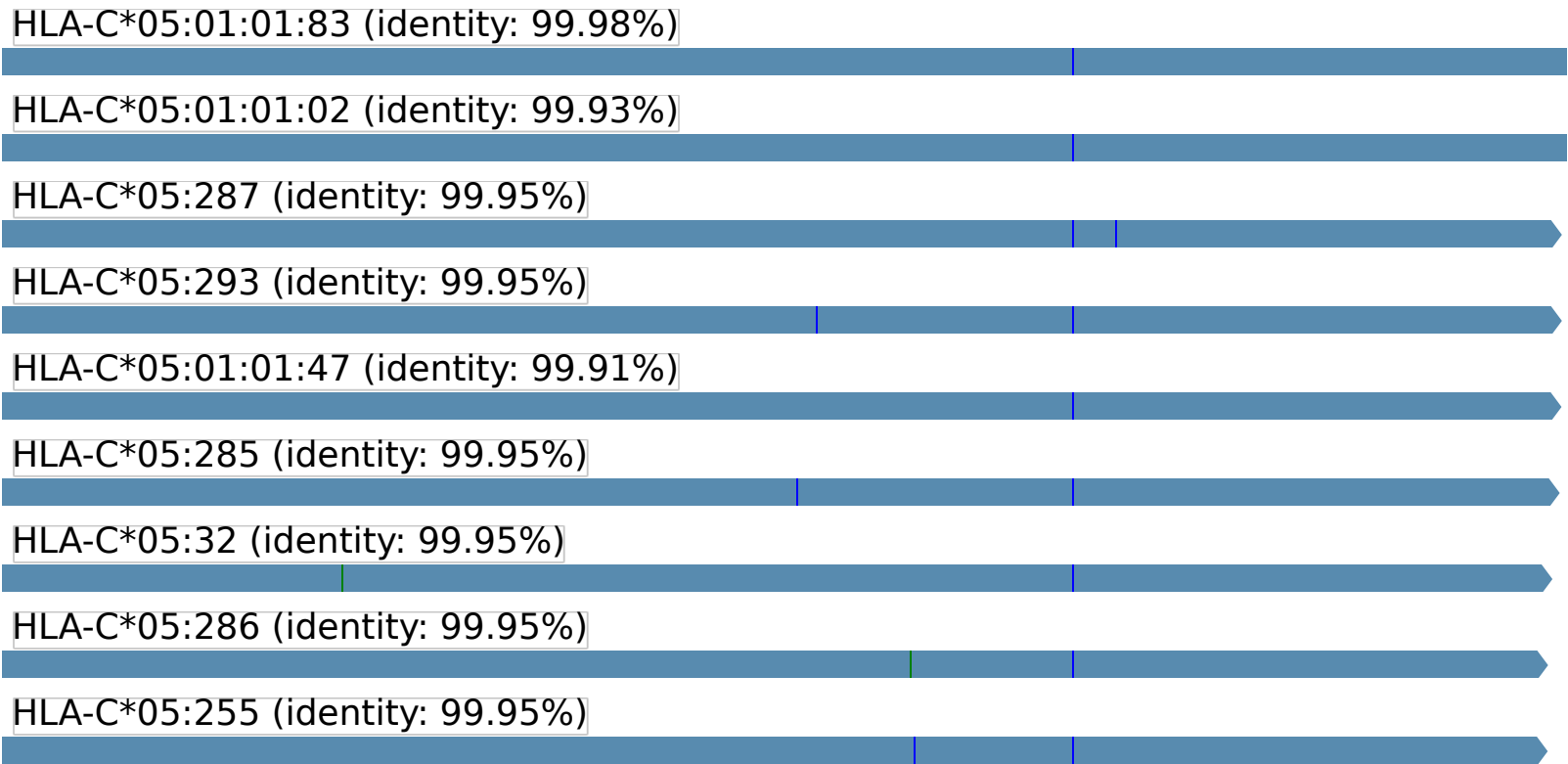
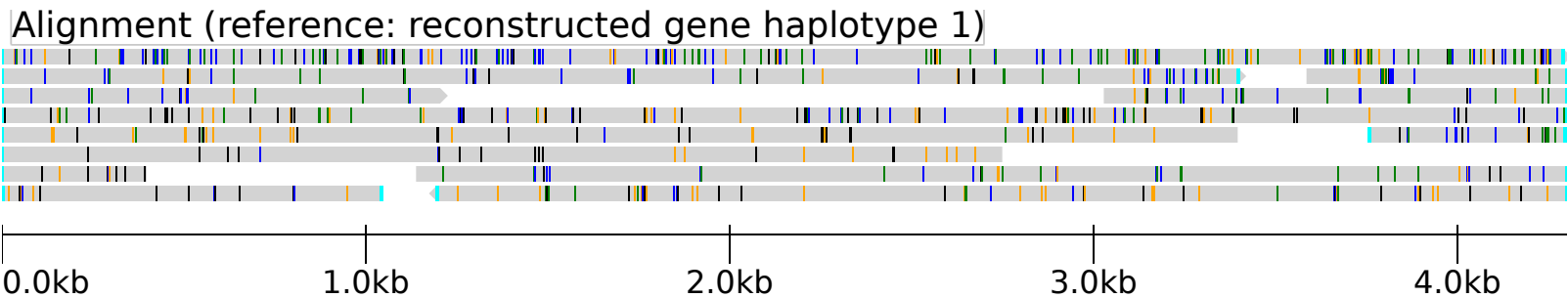
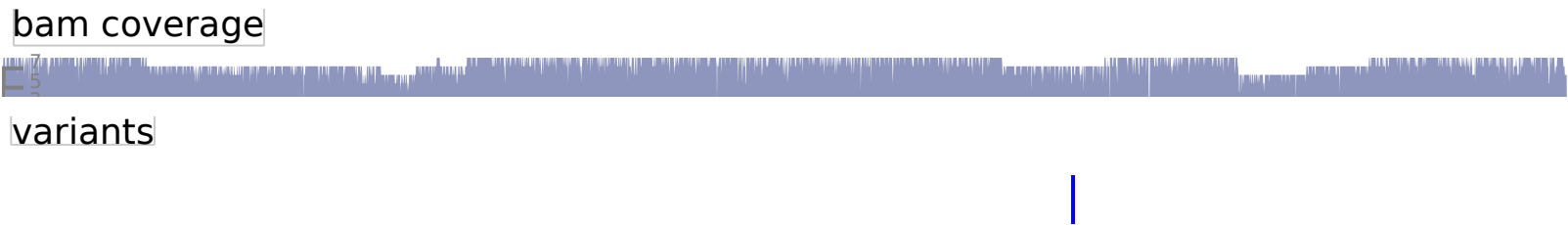
Sample: NA12877

Locus: HLA-C

Resolution: 4th field

Full typing result:

- HLA-C*05:01:01:83
- HLA-C*05:01:01:02
- HLA-C*05:287
- HLA-C*05:293
- HLA-C*05:01:01:47
- HLA-C*05:285
- HLA-C*05:32
- HLA-C*05:286
- HLA-C*05:255



Sample: NA12877

Locus: HLA-DMA

Resolution: 4th field

Full typing result:

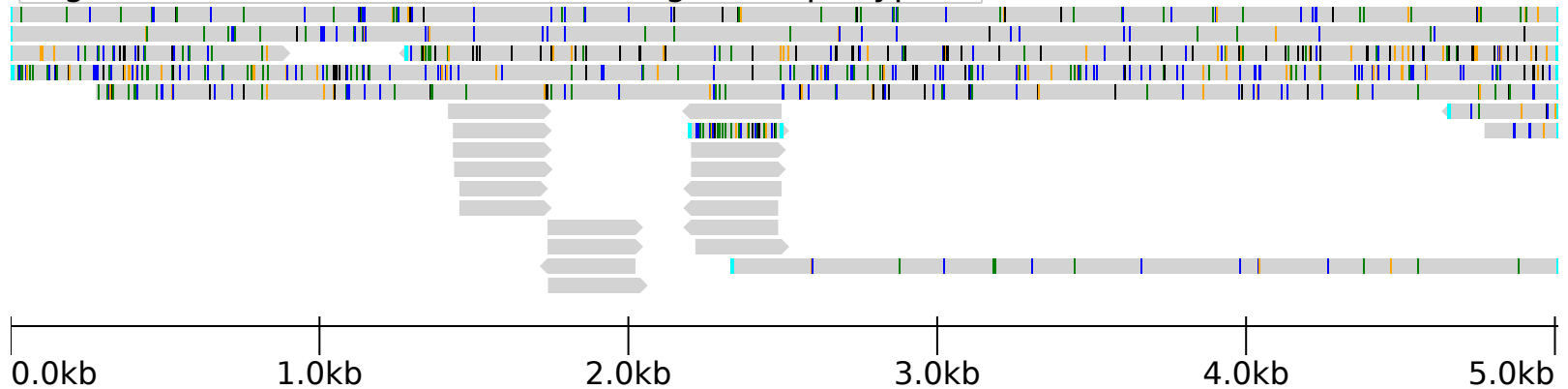
HLA-DMA*01:01:01:01

bam coverage

12
8
4

variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-DMA*01:01:01:01 (identity: 99.94%)



Sample: NA12877

Locus: HLA-DMA

Resolution: 4th field

Full typing result:

HLA-DMA*01:01:01:02

bam coverage

27
18

variants

Alignment (reference: reconstructed gene haplotype 1)



0.0kb 2.5kb 5.0kb 7.5kb 10.0kb 12.5kb 15.0kb 17.5kb

HLA-DMA*01:01:01:02 (identity: 99.94%)



Sample: NA12877

Locus: HLA-DMB

Resolution: 4th field

Full typing result:

HLA-DMB*01:01:01:01

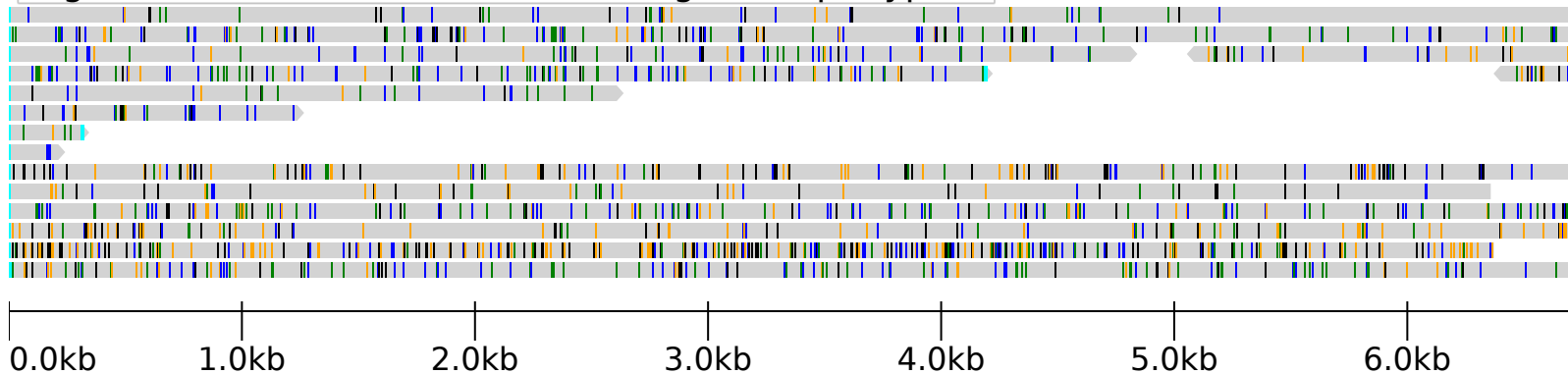
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DMB*01:01:01:01 (identity: 100.00%)



Sample: NA12877

Locus: HLA-DOA

Resolution: 4th field

Full typing result:

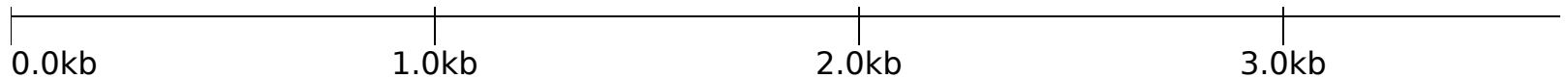
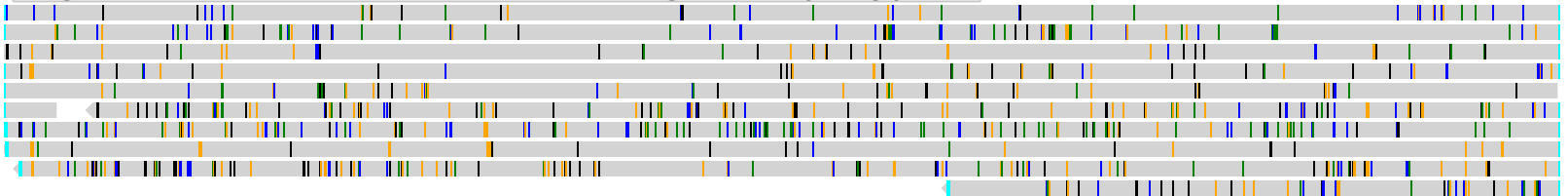
HLA-DOA*01:01:02:45

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-DOA*01:01:02:45 (identity: 99.97%)



Sample: NA12877

Locus: HLA-DOA

Resolution: 4th field

Full typing result:

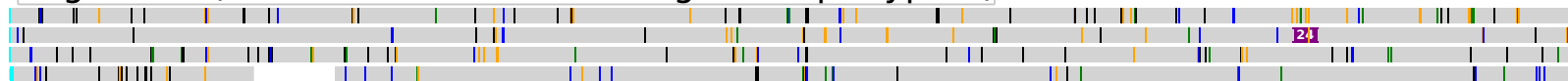
HLA-DOA*01:01:02:02

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-DOA*01:01:02:02 (identity: 100.00%)

Sample: NA12877

Locus: HLA-DOB

Resolution: 4th field

Full typing result:

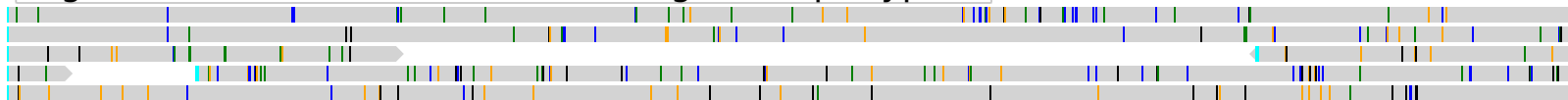
HLA-DOB*01:01:01:03

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

4.0kb

HLA-DOB*01:01:01:03 (identity: 100.00%)

Sample: NA12877

Locus: HLA-DOB

Resolution: 4th field

Full typing result:

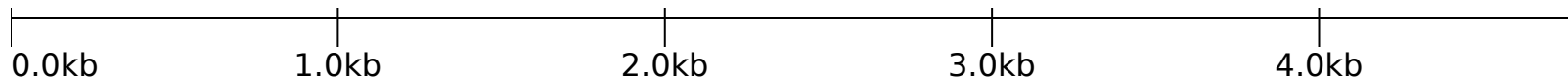
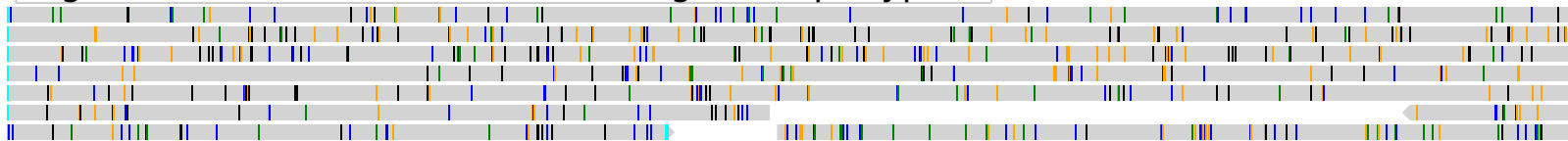
HLA-DOB*01:02:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-DOB*01:02:01:01 (identity: 100.00%)



Sample: NA12877

Locus: HLA-DPA1

Resolution: 4th field

Full typing result:

HLA-DPA1*01:03:01:05

HLA-DPA1*01:03:01:15

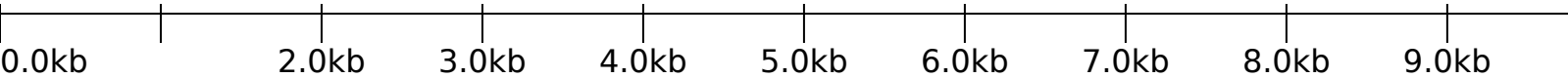
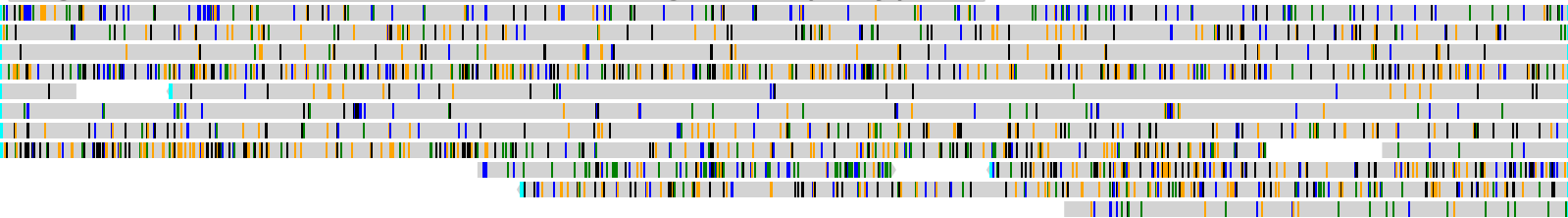
HLA-DPA1*01:03:01:74

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-DPA1*01:03:01:05 (identity: 99.99%)



HLA-DPA1*01:03:01:15 (identity: 99.98%)



HLA-DPA1*01:03:01:74 (identity: 99.98%)



Sample: NA12877

Locus: HLA-DPA1

Resolution: 4th field

Full typing result:

HLA-DPA1*01:03:01:04

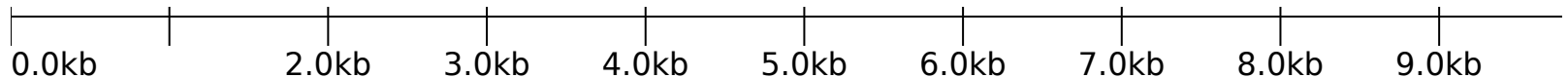
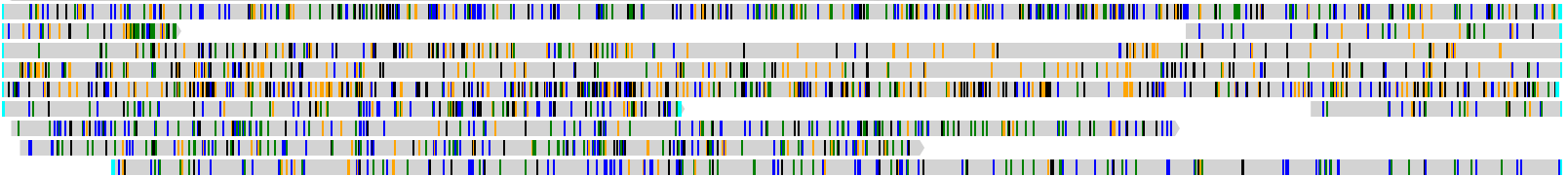
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-DPA1*01:03:01:04 (identity: 99.97%)



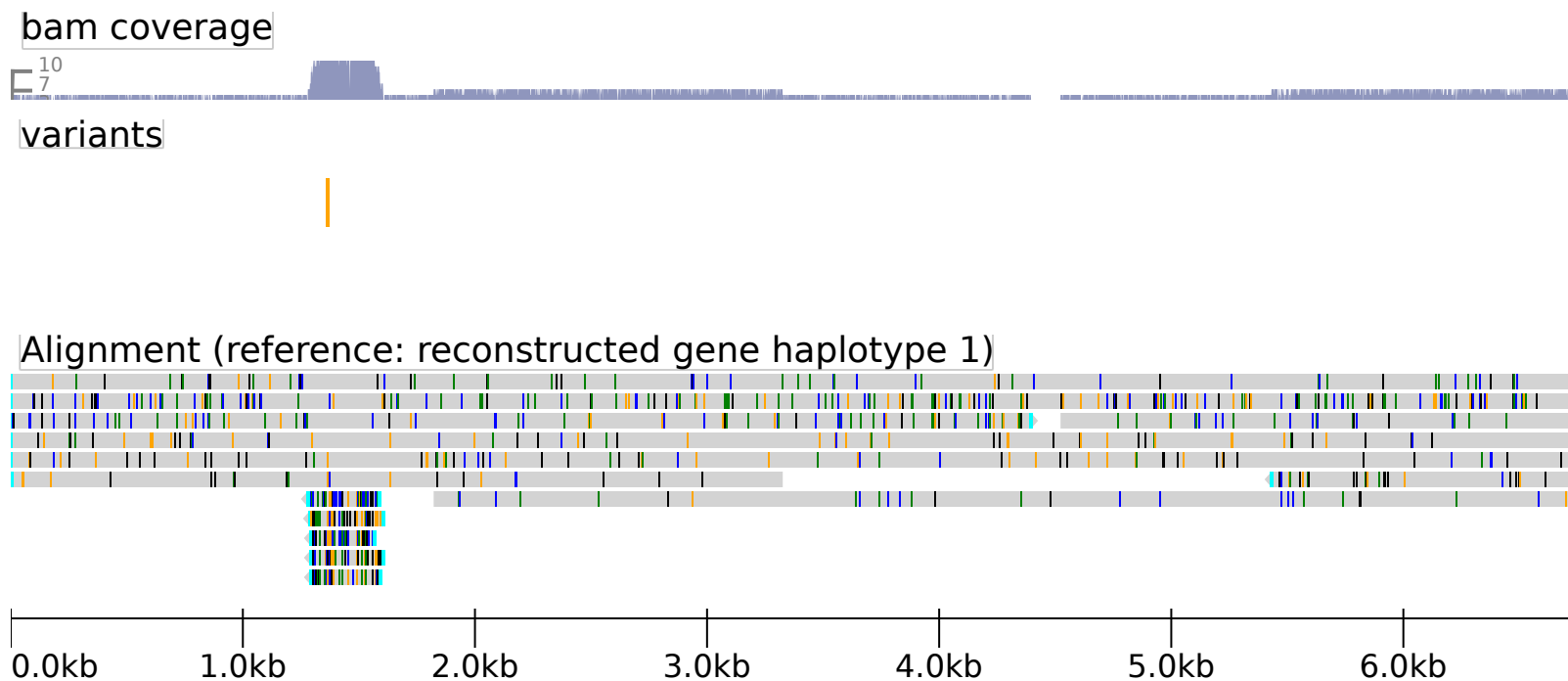
Sample: NA12877

Locus: HLA-DPA2

Resolution: 4th field

Full typing result:

HLA-DPA2*01:01:01:02



HLA-DPA2*01:01:01:02 (identity: 100.00%)

Sample: NA12877

Locus: HLA-DPB1

Resolution: 4th field

Full typing result:

- HLA-DPB1*04:01:01:03
- HLA-DPB1*04:01:01:107
- HLA-DPB1*04:01:01:109
- HLA-DPB1*04:01:01:111
- HLA-DPB1*04:01:01:13
- HLA-DPB1*04:01:01:148
- HLA-DPB1*04:01:01:55
- HLA-DPB1*04:01:01:56
- HLA-DPB1*04:01:01:58
- HLA-DPB1*04:01:01:68
- HLA-DPB1*04:01:01:72
- HLA-DPB1*04:01:01:88
- HLA-DPB1*04:01:03
- HLA-DPB1*04:01:42
- HLA-DPB1*04:01:75

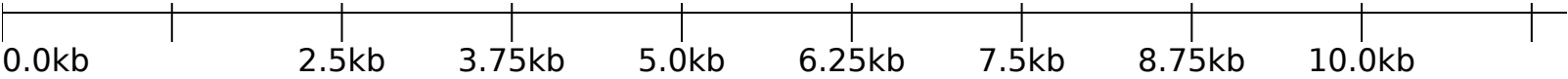
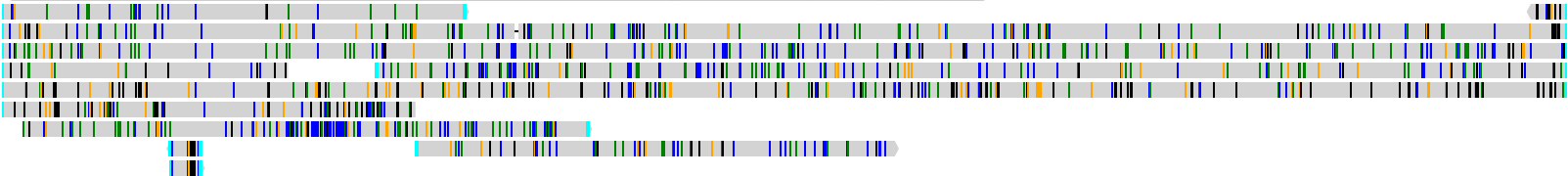
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



- HLA-DPB1*04:01:01:03 (identity: 99.98%)
- HLA-DPB1*04:01:01:107 (identity: 99.97%)
- HLA-DPB1*04:01:01:109 (identity: 99.97%)
- HLA-DPB1*04:01:01:111 (identity: 99.97%)
- HLA-DPB1*04:01:01:13 (identity: 99.97%)
- HLA-DPB1*04:01:01:148 (identity: 99.97%)
- HLA-DPB1*04:01:01:55 (identity: 99.97%)
- HLA-DPB1*04:01:01:56 (identity: 99.97%)
- HLA-DPB1*04:01:01:58 (identity: 99.97%)
- HLA-DPB1*04:01:01:68 (identity: 99.97%)

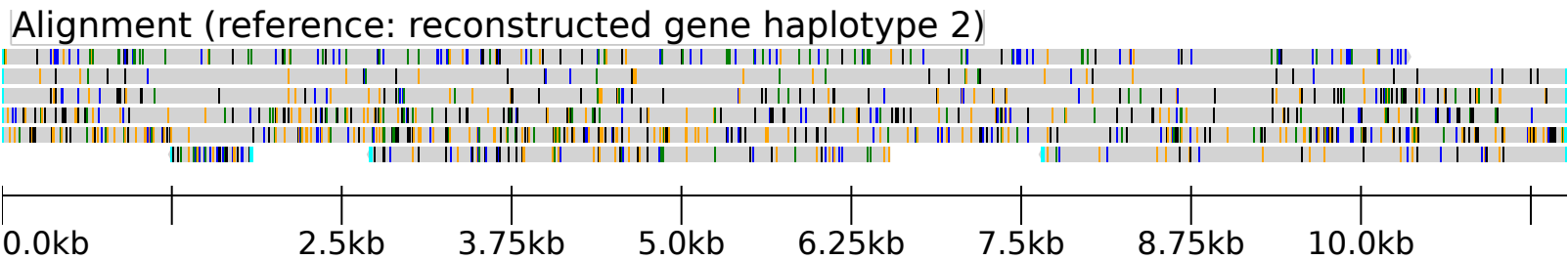
Sample: NA12877

Locus: HLA-DPB1

Resolution: 4th field

Full typing result:

HLA-DPB1*04:02:01:02	HLA-DPB1*04:02:01:03	HLA-DPB1*04:02:01:04
HLA-DPB1*04:02:01:05	HLA-DPB1*04:02:01:07	HLA-DPB1*04:02:01:09
HLA-DPB1*04:02:01:11	HLA-DPB1*04:02:01:14	HLA-DPB1*04:02:01:15
HLA-DPB1*04:02:01:18	HLA-DPB1*04:02:01:21	HLA-DPB1*04:02:01:22
HLA-DPB1*04:02:01:24	HLA-DPB1*04:02:01:25	HLA-DPB1*04:02:01:26



HLA-DPB1*04:02:01:02 (identity: 99.98%)
HLA-DPB1*04:02:01:03 (identity: 99.97%)
HLA-DPB1*04:02:01:04 (identity: 99.97%)
HLA-DPB1*04:02:01:05 (identity: 99.97%)
HLA-DPB1*04:02:01:07 (identity: 99.97%)
HLA-DPB1*04:02:01:09 (identity: 99.97%)
HLA-DPB1*04:02:01:11 (identity: 99.97%)
HLA-DPB1*04:02:01:14 (identity: 99.97%)
HLA-DPB1*04:02:01:15 (identity: 99.93%)
HLA-DPB1*04:02:01:18 (identity: 99.97%)

Sample: NA12877

Locus: HLA-DPB2

Resolution: 4th field

Full typing result:

HLA-DPB2*03:01:01:02

bam coverage

35
23
4

variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb 2.5kb 5.0kb 7.5kb 10.0kb 12.5kb 15.0kb 17.5kb

HLA-DPB2*03:01:01:02 (identity: 99.94%)



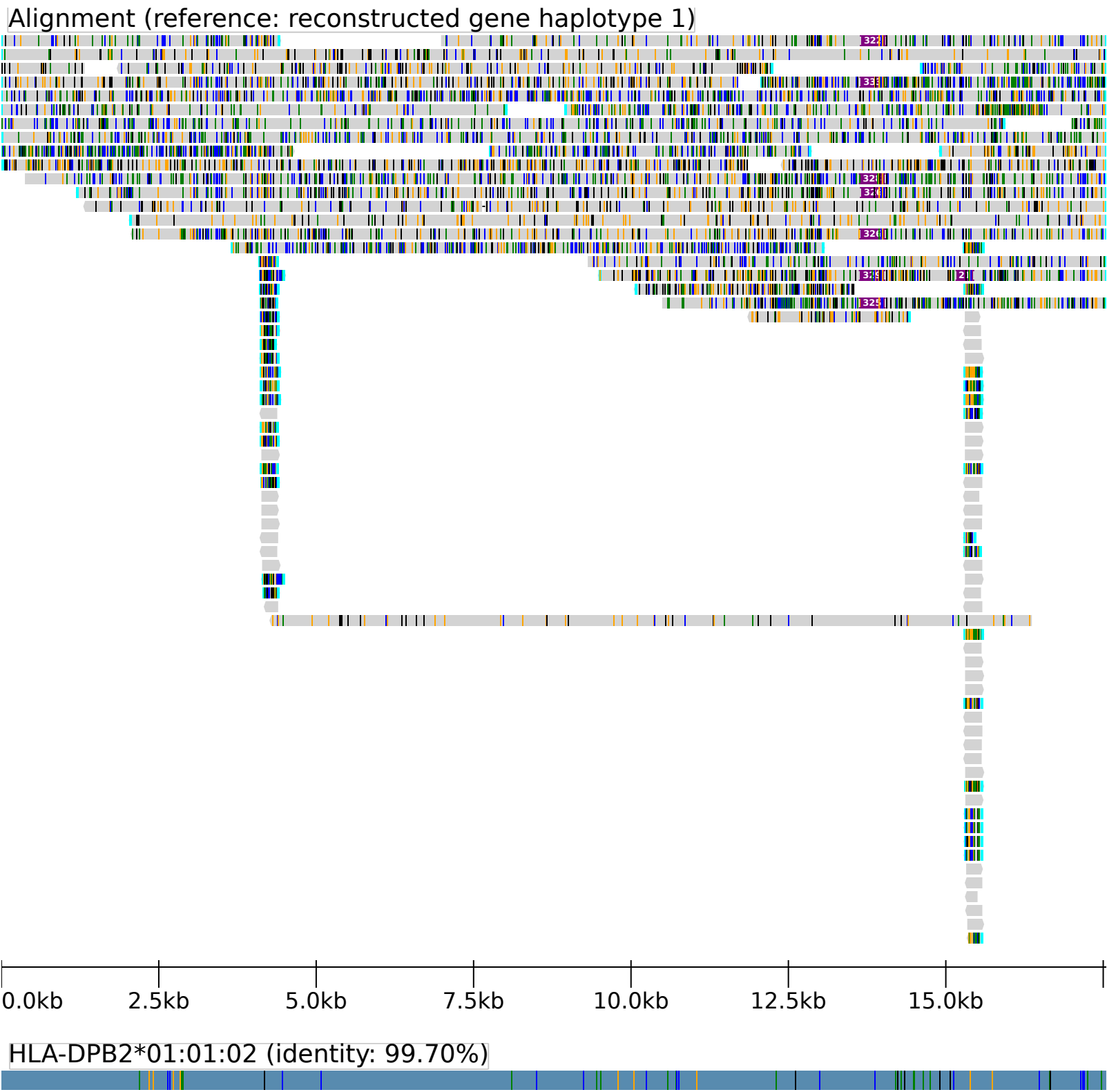
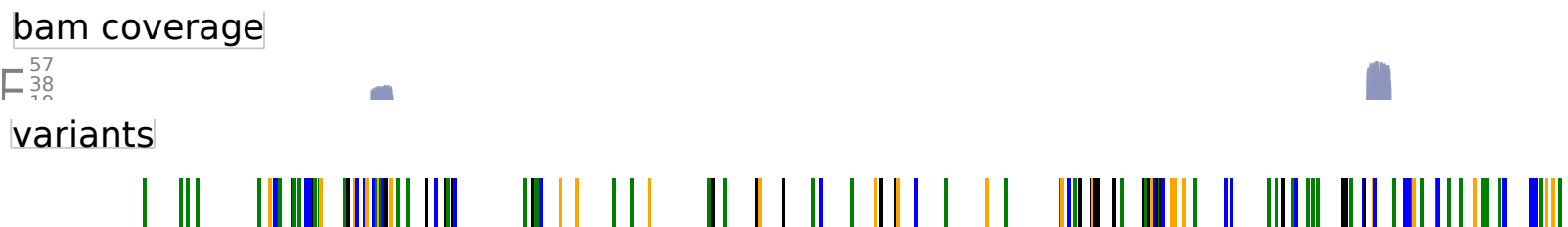
Sample: NA12877

Locus: HLA-DPB2

Resolution: 4th field

Full typing result:

HLA-DPB2*01:01:02



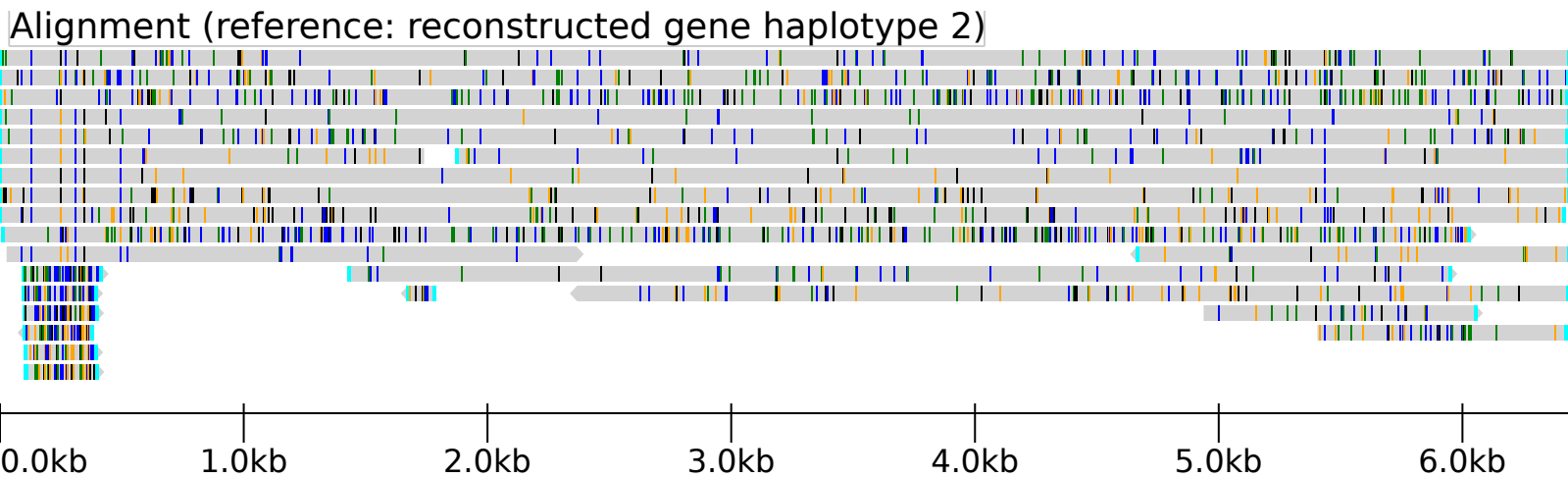
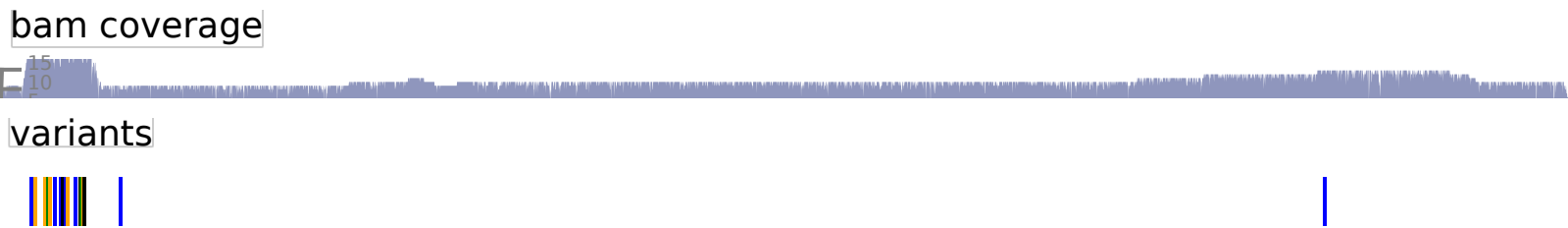
Sample: NA12877

Locus: HLA-DQA1

Resolution: 4th field

Full typing result:

HLA-DQA1*03:01:01:01	HLA-DQA1*03:03:01:01	HLA-DQA1*03:10
HLA-DQA1*03:01:01:04	HLA-DQA1*03:03:01:22	HLA-DQA1*03:71



HLA-DQA1*03:01:01:01 (identity: 99.91%)	
HLA-DQA1*03:03:01:01 (identity: 99.89%)	
HLA-DQA1*03:10 (identity: 99.89%)	
HLA-DQA1*03:01:01:04 (identity: 99.89%)	
HLA-DQA1*03:03:01:22 (identity: 99.88%)	
HLA-DQA1*03:71 (identity: 99.88%)	

Sample: NA12877

Locus: HLA-DQA1

Resolution: 4th field

Full typing result:

HLA-DQA1*03:03:01:01

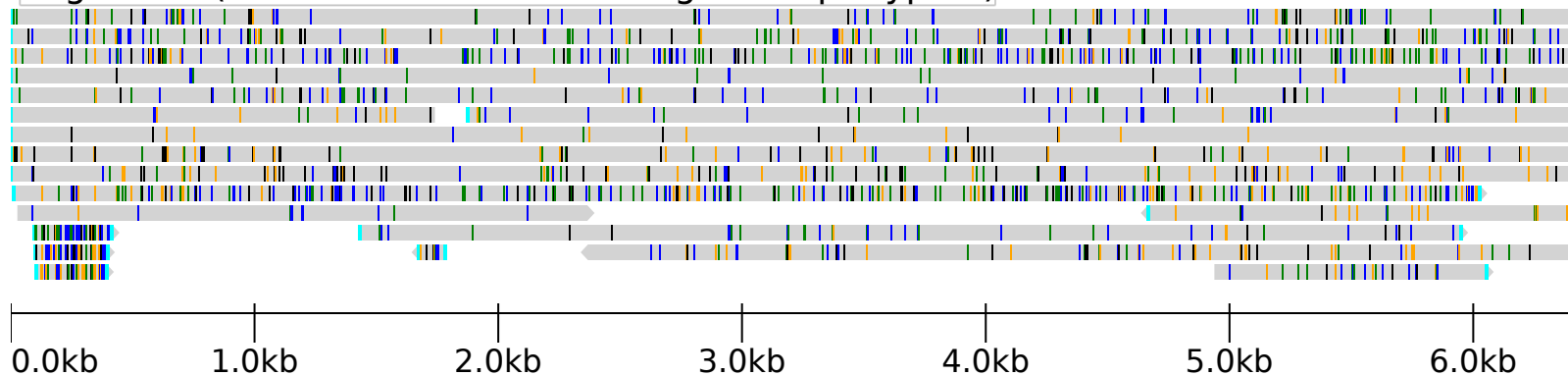
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DQA1*03:03:01:01 (identity: 100.00%)

Sample: NA12877

Locus: HLA-DQA2

Resolution: 4th field

Full typing result:

HLA-DQA2*01:08

bam coverage

41
27
7

variants

Alignment (reference: reconstructed gene haplotype 1)



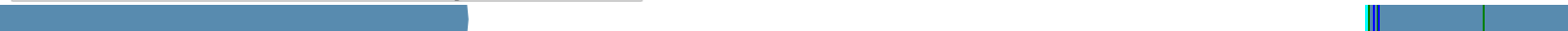
0.0kb

10.0kb

20.0kb

30.0kb

HLA-DQA2*01:08 (identity: 11.74%)



Sample: NA12877

Locus: HLA-DQB1

Resolution: 4th field

Full typing result:

HLA-DQB1*03:01:01:01

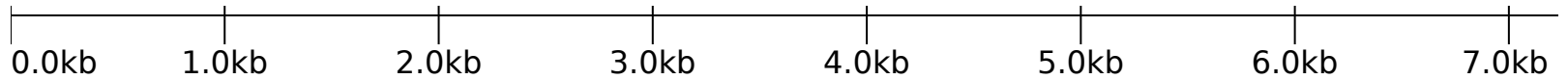
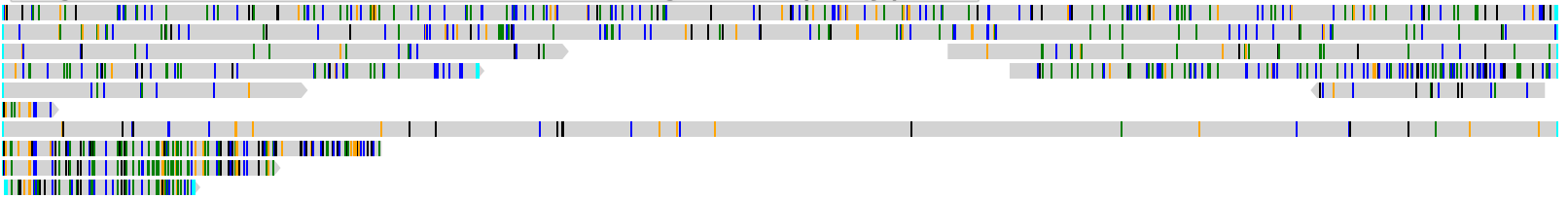
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DQB1*03:01:01:01 (identity: 99.99%)



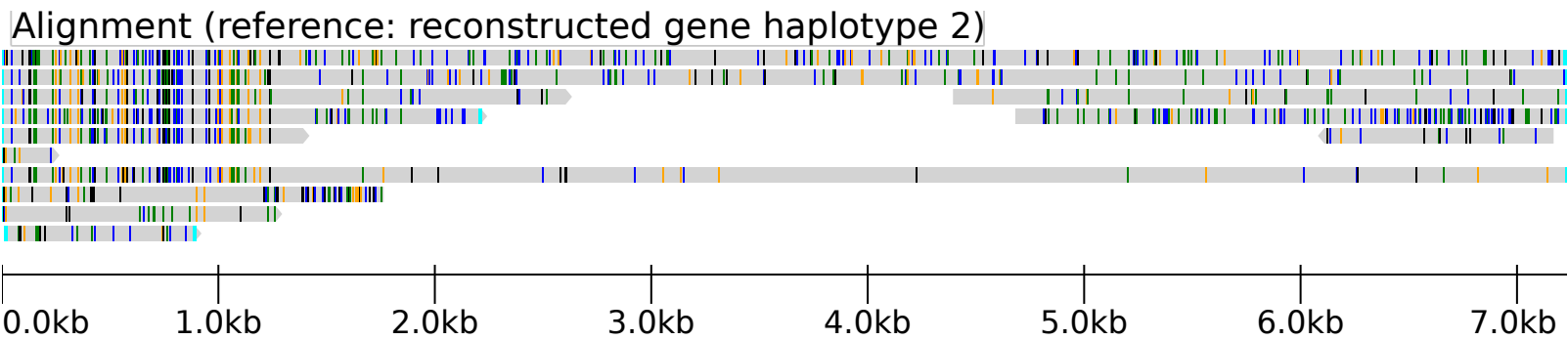
Sample: NA12877

Locus: HLA-DQB1

Resolution: 4th field

Full typing result:

HLA-DQB1*03:04:01:01	HLA-DQB1*03:01:01:20	HLA-DQB1*03:55
HLA-DQB1*03:01:01:31	HLA-DQB1*03:01:01:34	HLA-DQB1*03:01:01:51
HLA-DQB1*03:01:01:52	HLA-DQB1*03:01:52	HLA-DQB1*03:01:03
HLA-DQB1*03:01:01:43	HLA-DQB1*03:01:01:01	HLA-DQB1*03:421
HLA-DQB1*03:01:01:44	HLA-DQB1*03:01:01:05	HLA-DQB1*03:01:01:10



HLA-DQB1*03:04:01:01 (identity: 99.23%)
HLA-DQB1*03:01:01:20 (identity: 99.23%)
HLA-DQB1*03:55 (identity: 99.23%)
HLA-DQB1*03:01:01:31 (identity: 99.23%)
HLA-DQB1*03:01:01:34 (identity: 99.23%)
HLA-DQB1*03:01:01:51 (identity: 99.23%)
HLA-DQB1*03:01:01:52 (identity: 99.23%)
HLA-DQB1*03:01:52 (identity: 99.23%)
HLA-DQB1*03:01:03 (identity: 99.23%)
HLA-DQB1*03:01:01:43 (identity: 99.23%)

Sample: NA12877

Locus: HLA-DQB2

Resolution: 4th field

Full typing result:

HLA-DQB2*01:01:01:02

HLA-DQB2*01:01:01:15

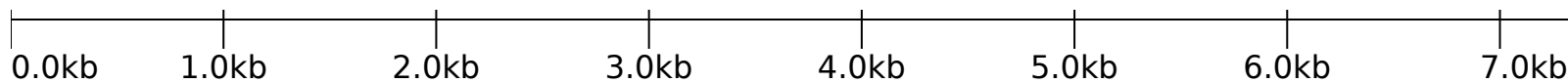
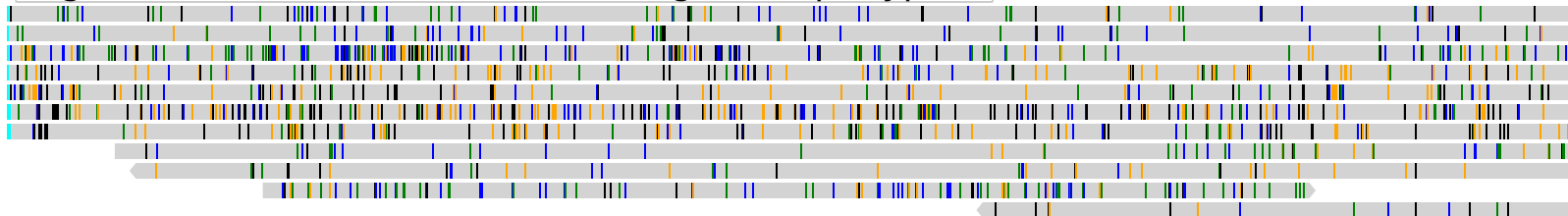
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DQB2*01:01:01:02 (identity: 99.99%)

HLA-DQB2*01:01:01:15 (identity: 99.97%)

Sample: NA12877

Locus: HLA-DQB2

Resolution: 4th field

Full typing result:

HLA-DQB2*01:02:01:01

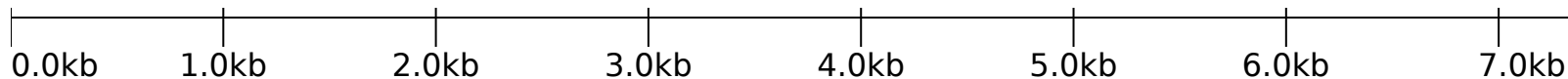
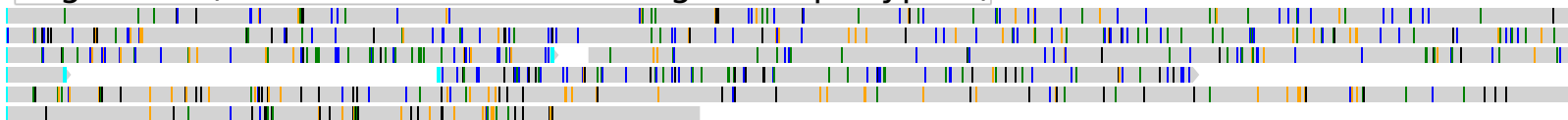
HLA-DQB2*01:02:01:02

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-DQB2*01:02:01:01 (identity: 99.96%)



HLA-DQB2*01:02:01:02 (identity: 99.93%)



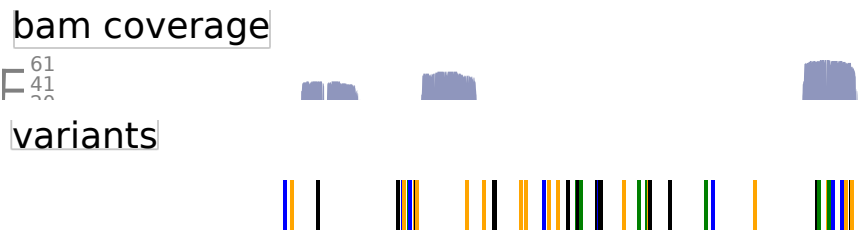
Sample: NA12877

Locus: HLA-DRA

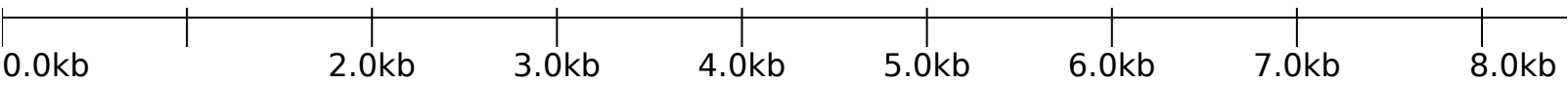
Resolution: 4th field

Full typing result:

HLA-DRA*01:01:01:01 HLA-DRA*01:01:01:03



Alignment (reference: reconstructed gene haplotype 1)



HLA-DRA*01:01:01:01 (identity: 51.69%)

HLA-DRA*01:01:01:03 (identity: 51.69%)

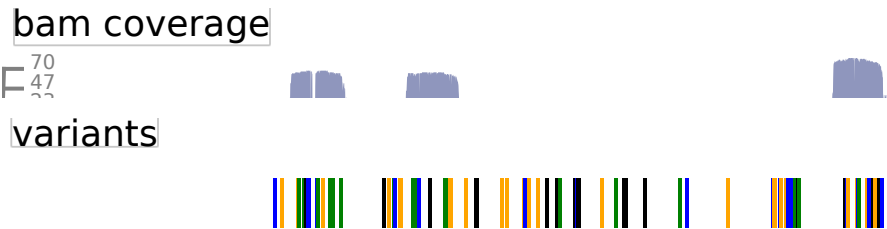
Sample: NA12877

Locus: HLA-DRA

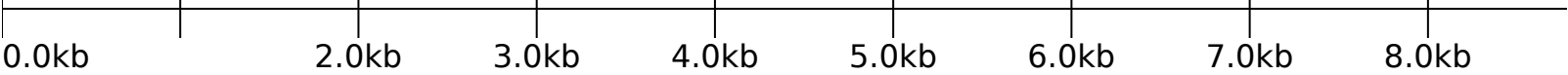
Resolution: 4th field

Full typing result:

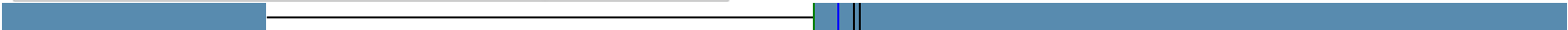
HLA-DRA*01:01:01:03



Alignment (reference: reconstructed gene haplotype 2)



HLA-DRA*01:01:01:03 (identity: 46.19%)



Sample: NA12877

Locus: HLA-DRB1

Resolution: 4th field

Full typing result:

HLA-DRB1*04:01:01:11	HLA-DRB1*04:01:01:16	HLA-DRB1*04:01:01:01
HLA-DRB1*04:01:01:04	HLA-DRB1*04:01:01:21	HLA-DRB1*04:01:01:25
HLA-DRB1*04:01:01:19	HLA-DRB1*04:01:01:13	HLA-DRB1*04:01:01:14
HLA-DRB1*04:01:01:23	HLA-DRB1*04:01:01:09	HLA-DRB1*04:01:01:10
HLA-DRB1*04:01:01:20	HLA-DRB1*04:01:01:08	HLA-DRB1*04:01:01:12



HLA-DRB1*04:01:01:11 (identity: -86.31%)	
HLA-DRB1*04:01:01:16 (identity: -86.27%)	
HLA-DRB1*04:01:01:01 (identity: -86.31%)	
HLA-DRB1*04:01:01:04 (identity: -86.30%)	
HLA-DRB1*04:01:01:21 (identity: -86.31%)	
HLA-DRB1*04:01:01:25 (identity: -86.31%)	
HLA-DRB1*04:01:01:19 (identity: -86.28%)	
HLA-DRB1*04:01:01:13 (identity: -86.28%)	
HLA-DRB1*04:01:01:14 (identity: -86.28%)	
HLA-DRB1*04:01:01:23 (identity: -86.29%)	

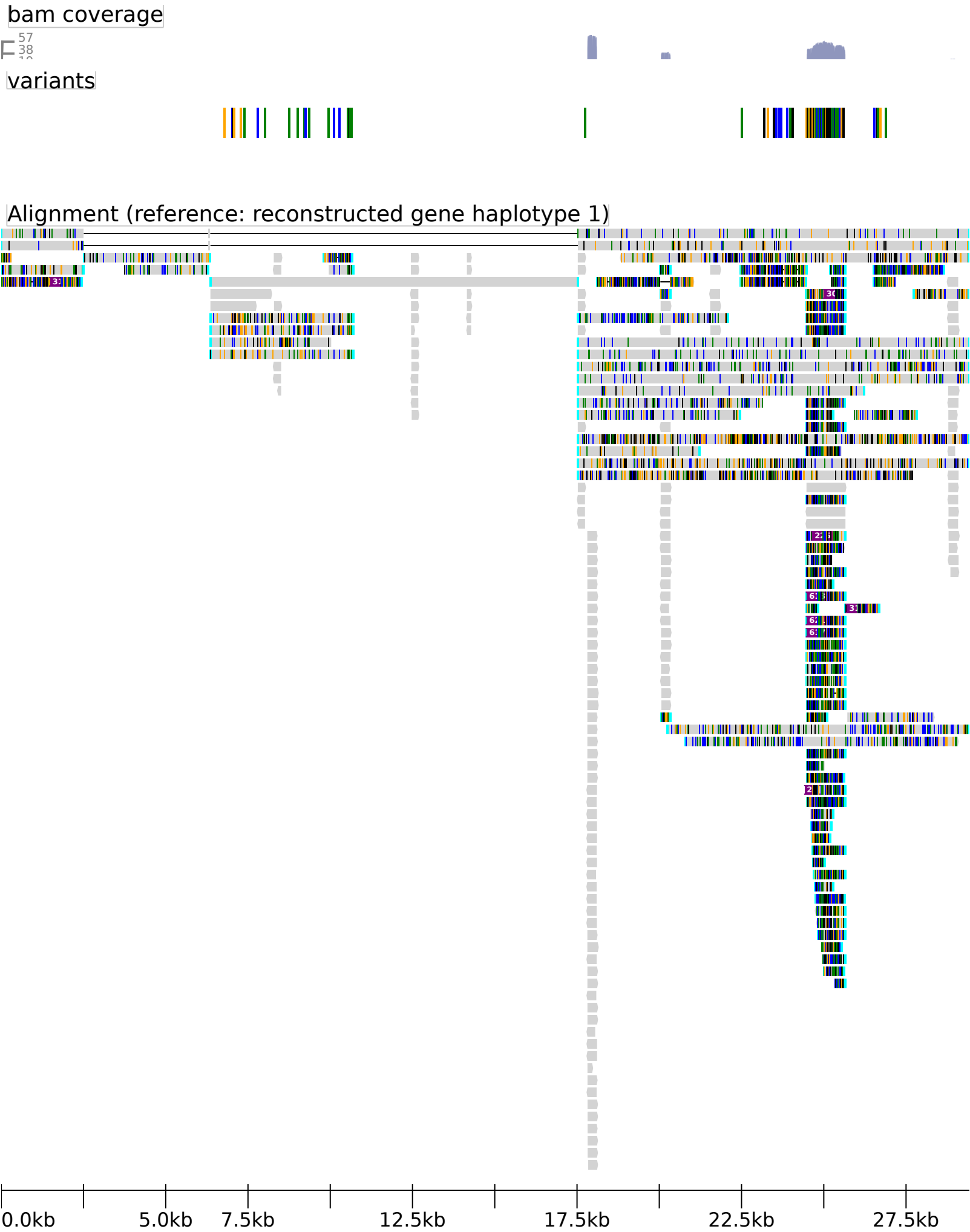
Sample: NA12877

Locus: HLA-DRB1

Resolution: 4th field

Full typing result:

HLA-DRB1*04:01:01:20	HLA-DRB1*04:01:01:04	HLA-DRB1*04:01:01:25
HLA-DRB1*04:01:01:11	HLA-DRB1*04:01:01:13	HLA-DRB1*04:01:01:14
HLA-DRB1*04:01:01:09	HLA-DRB1*04:01:01:10	HLA-DRB1*04:01:01:01
HLA-DRB1*04:01:01:08	HLA-DRB1*04:01:01:21	HLA-DRB1*04:38:01:01
HLA-DRB1*04:01:01:23	HLA-DRB1*04:08:01:02	HLA-DRB1*04:01:01:17



HLA-DRB1*04:01:01:20 (identity: -3.11%)	
HLA-DRB1*04:01:01:04 (identity: -3.11%)	
HLA-DRB1*04:01:01:25 (identity: -3.11%)	
HLA-DRB1*04:01:01:11 (identity: -3.11%)	
HLA-DRB1*04:01:01:13 (identity: -3.11%)	
HLA-DRB1*04:01:01:14 (identity: -3.11%)	
HLA-DRB1*04:01:01:09 (identity: -3.11%)	
HLA-DRB1*04:01:01:10 (identity: -3.11%)	
HLA-DRB1*04:01:01:01 (identity: -3.11%)	
HLA-DRB1*04:01:01:08 (identity: -3.11%)	

Sample: NA12877

Locus: HLA-DRB3

Resolution: 4th field

Full typing result:

HLA-DRB3*01:01:02:05

HLA-DRB3*01:62:01:01

HLA-DRB3*01:62:01:02

bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DRB3*01:01:02:05 (identity: 97.68%)



HLA-DRB3*01:62:01:01 (identity: 97.68%)



HLA-DRB3*01:62:01:02 (identity: 97.68%)



Sample: NA12877

Locus: HLA-DRB3

Resolution: 4th field

Full typing result:

HLA-DRB3*01:01:02:01

bam coverage

F_2^3



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

2.5kb

3.75kb

5.0kb

6.25kb

7.5kb

8.75kb

10.0kb

12.5kb

HLA-DRB3*01:01:02:01 (identity: 86.75%)



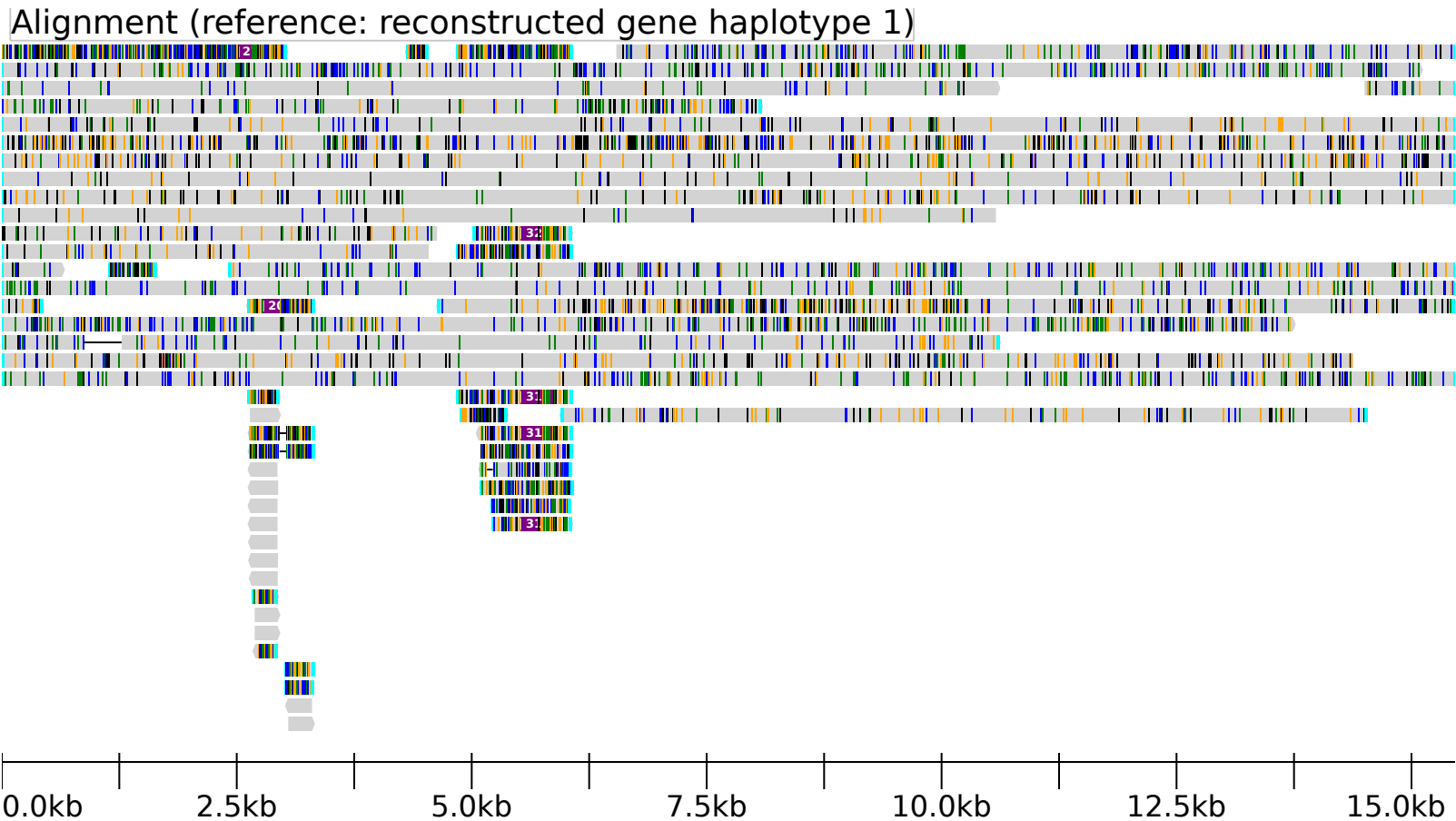
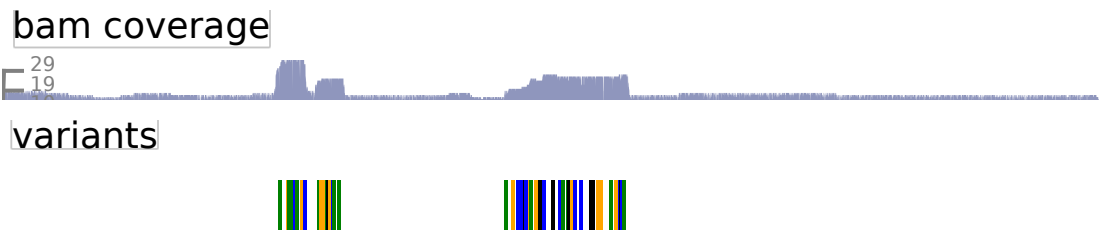
Sample: NA12877

Locus: HLA-DRB4

Resolution: 4th field

Full typing result:

- HLA-DRB4*01:03:01:01
- HLA-DRB4*01:03:01:03
- HLA-DRB4*01:03:01:18
- HLA-DRB4*01:152
- HLA-DRB4*01:03:01:02N



HLA-DRB4*01:03:01:01 (identity: 99.99%)
HLA-DRB4*01:03:01:03 (identity: 99.99%)
HLA-DRB4*01:03:01:18 (identity: 99.99%)
HLA-DRB4*01:152 (identity: 99.99%)
HLA-DRB4*01:03:01:02N (identity: 99.86%)

Sample: NA12877

Locus: HLA-DRB4

Resolution: 4th field

Full typing result:

HLA-DRB4*01:03:01:03

HLA-DRB4*01:03:01:01

HLA-DRB4*01:03:01:18

HLA-DRB4*01:152



HLA-DRB4*01:03:01:03 (identity: 22.61%)

HLA-DRB4*01:03:01:01 (identity: 22.61%)

HLA-DRB4*01:03:01:18 (identity: 22.61%)

HLA-DRB4*01:152 (identity: 22.61%)

Sample: NA12877

Locus: HLA-DRB5

Resolution: 4th field

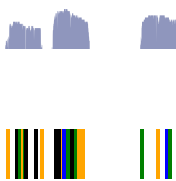
Full typing result:

HLA-DRB5*01:02:01

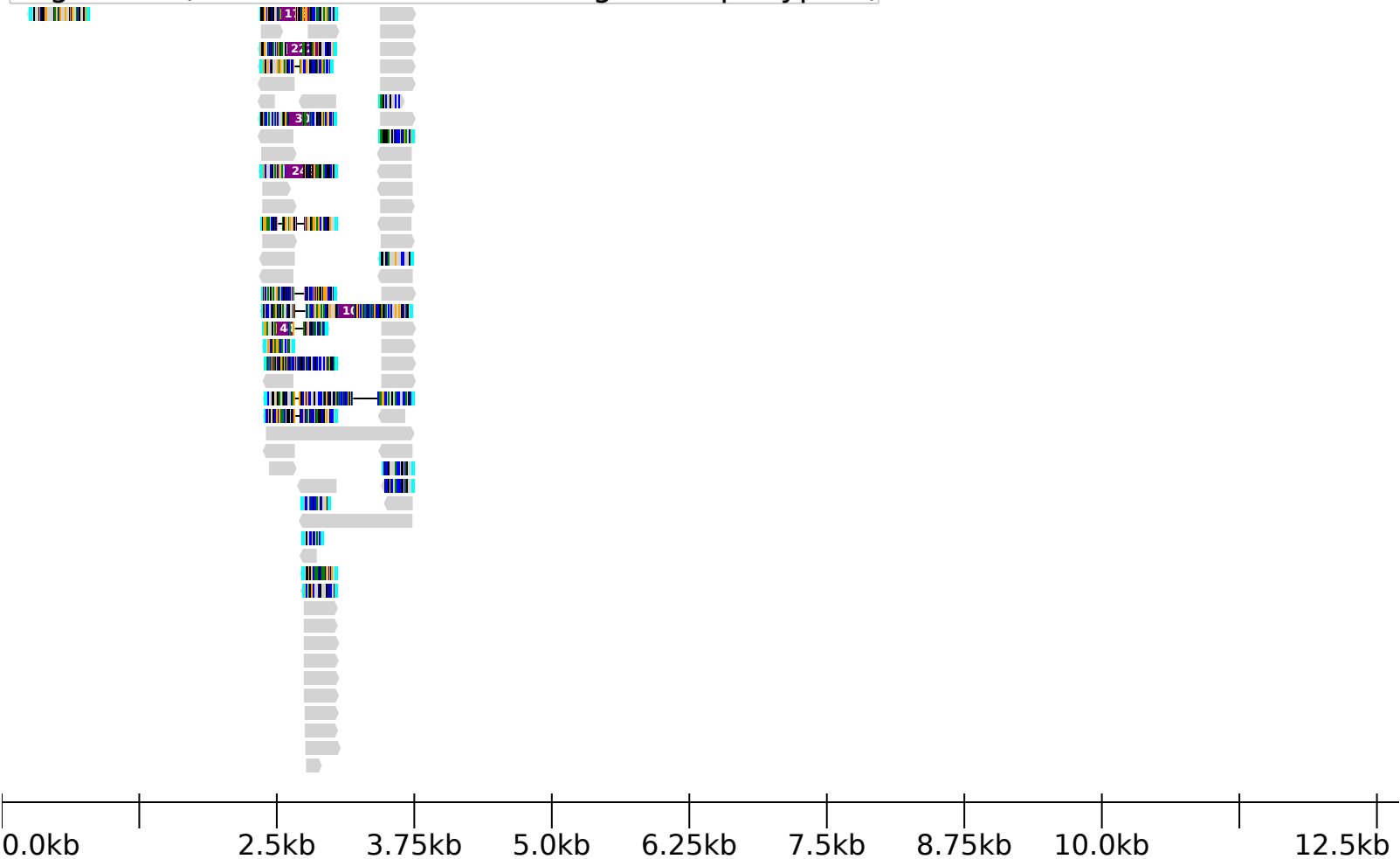
bam coverage

28
19

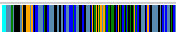
variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DRB5*01:02:01 (identity: 68.72%)



Sample: NA12877

Locus: HLA-E

Resolution: 4th field

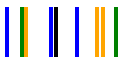
Full typing result:

HLA-E*01:01:01:01

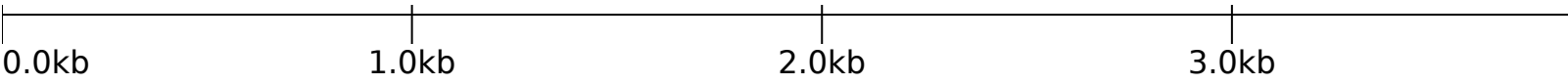
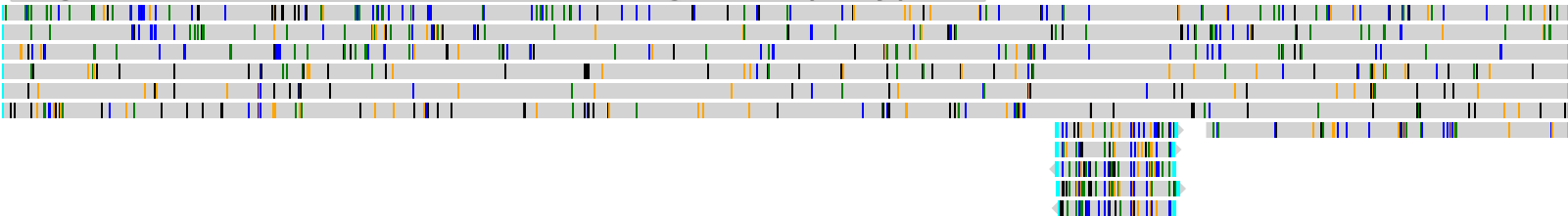
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-E*01:01:01:01 (identity: 99.97%)



Sample: NA12877

Locus: HLA-E

Resolution: 4th field

Full typing result:

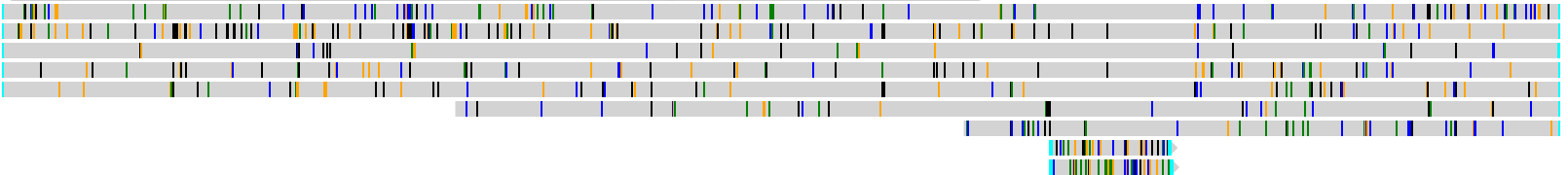
HLA-E*01:03:02:02

bam coverage

8
6

variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-E*01:03:02:02 (identity: 99.97%)

Sample: NA12877

Locus: HLA-F

Resolution: 4th field

Full typing result:

HLA-F*01:03:01:01

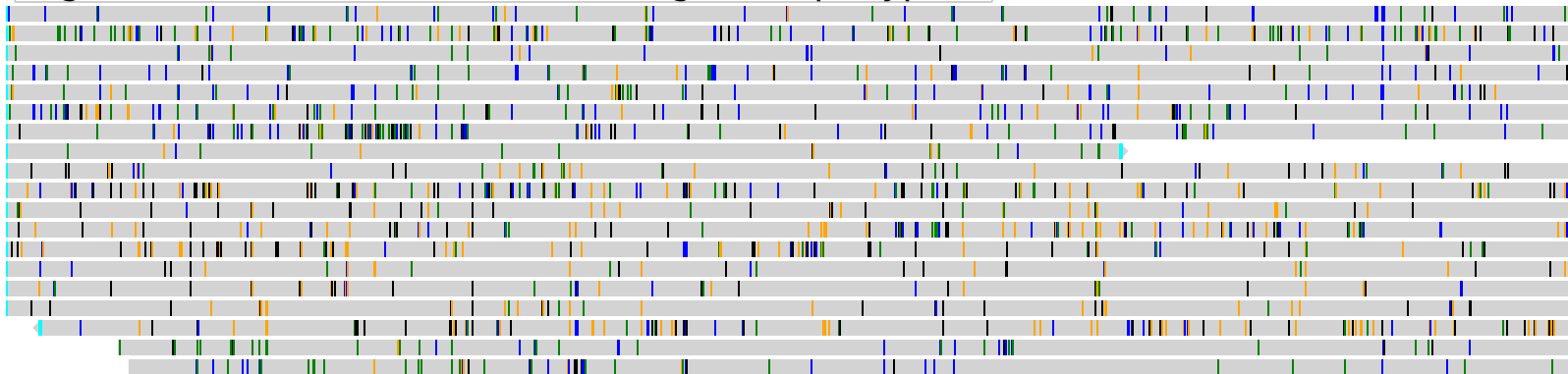
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-F*01:03:01:01 (identity: 100.00%)

Sample: NA12877

Locus: HLA-G

Resolution: 4th field

Full typing result:

HLA-G*01:01:01:01

HLA-G*01:01:01:22

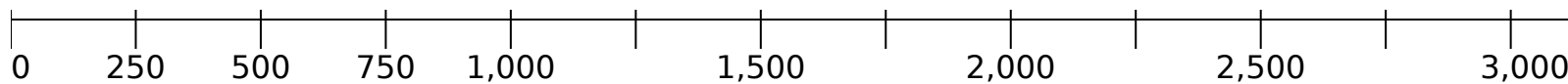
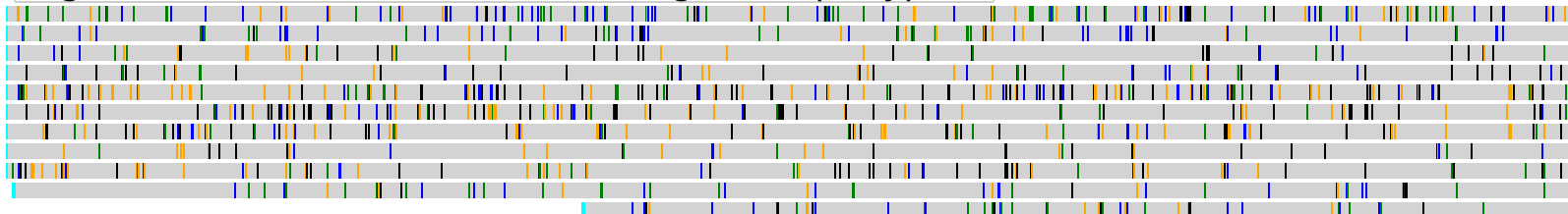
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-G*01:01:01:01 (identity: 99.94%)



HLA-G*01:01:01:22 (identity: 99.94%)



Sample: NA12877

Locus: HLA-G

Resolution: 4th field

Full typing result:

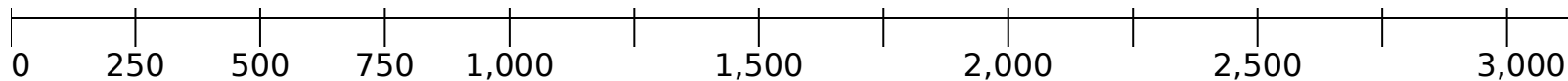
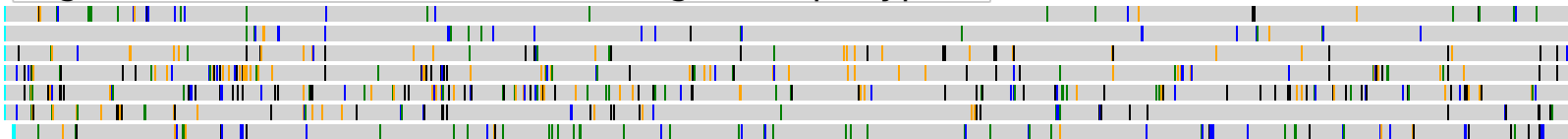
HLA-G*01:01:01:05

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-G*01:01:01:05 (identity: 100.00%)



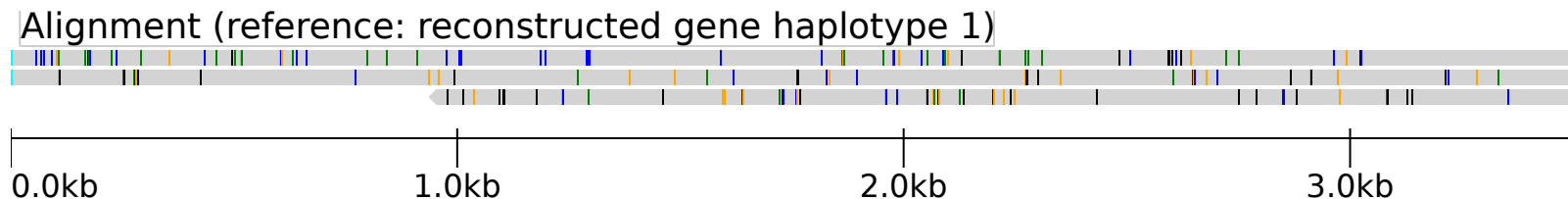
Sample: NA12877

Locus: HLA-H

Resolution: 4th field

Full typing result:

HLA-H*02:04:01



HLA-H*02:04:01 (identity: 100.00%)

Sample: NA12877

Locus: HLA-J

Resolution: 4th field

Full typing result:

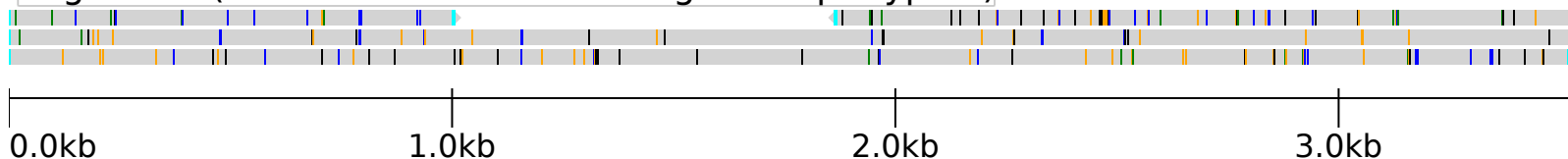
HLA-J*01:01:01:04

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-J*01:01:01:04 (identity: 100.00%)

Sample: NA12877

Locus: HLA-J

Resolution: 4th field

Full typing result:

HLA-J*01:01:01:05

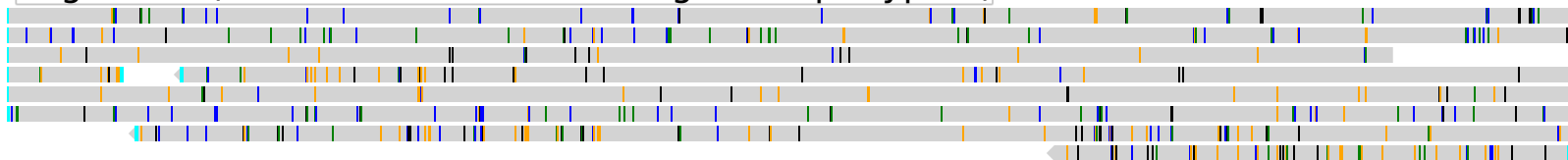
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-J*01:01:01:05 (identity: 100.00%)

Sample: NA12877

Locus: HLA-K

Resolution: 4th field

Full typing result:

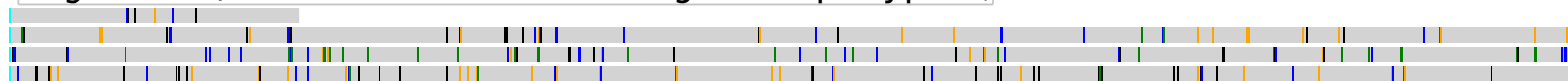
HLA-K*01:02

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-K*01:02 (identity: 100.00%)

Sample: NA12877

Locus: HLA-K

Resolution: 4th field

Full typing result:

HLA-K*01:01:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-K*01:01:01:01 (identity: 99.97%)



Sample: NA12877

Locus: HLA-L

Resolution: 4th field

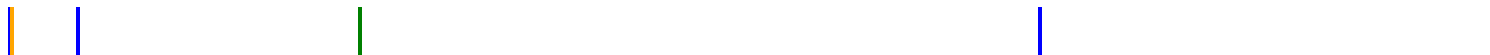
Full typing result:

HLA-L*01:03

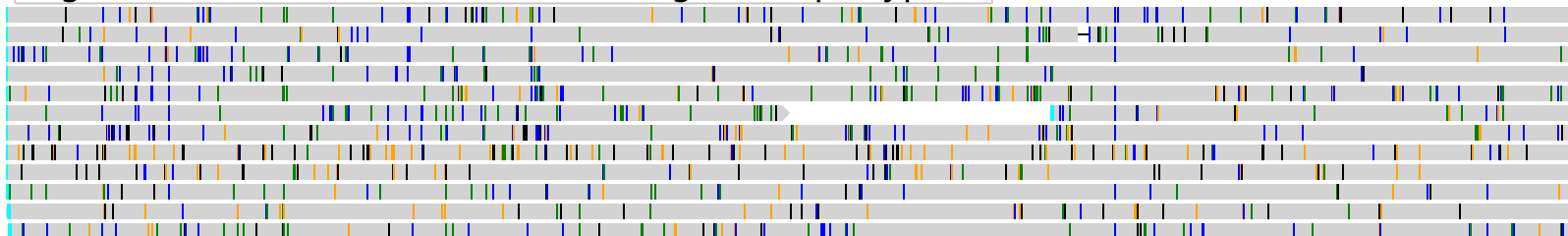
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-L*01:03 (identity: 100.00%)

Sample: NA12877

Locus: HLA-P

Resolution: 4th field

Full typing result:

HLA-P*02:01:01:01

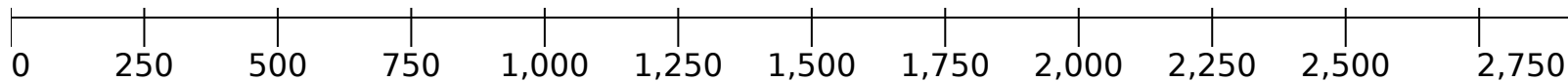
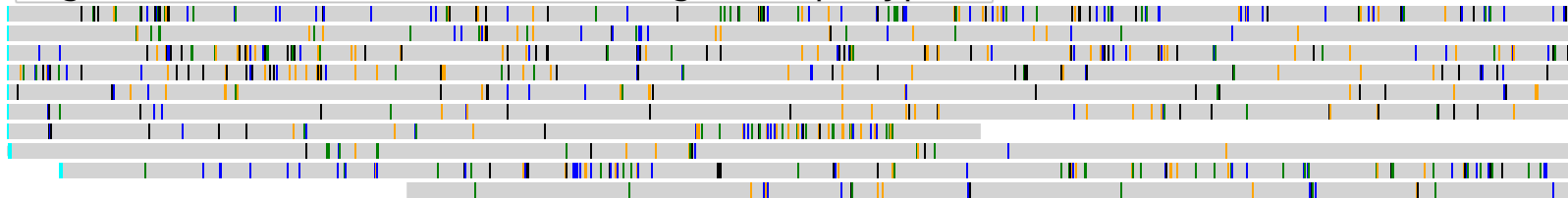
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-P*02:01:01:01 (identity: 100.00%)

Sample: NA12877

Locus: HLA-P

Resolution: 4th field

Full typing result:

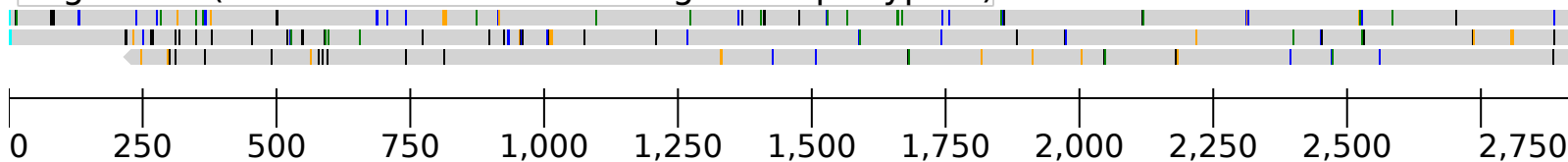
HLA-P*02:01:01:02

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-P*02:01:01:02 (identity: 100.00%)

Sample: NA12877

Locus: HLA-T

Resolution: 4th field

Full typing result:

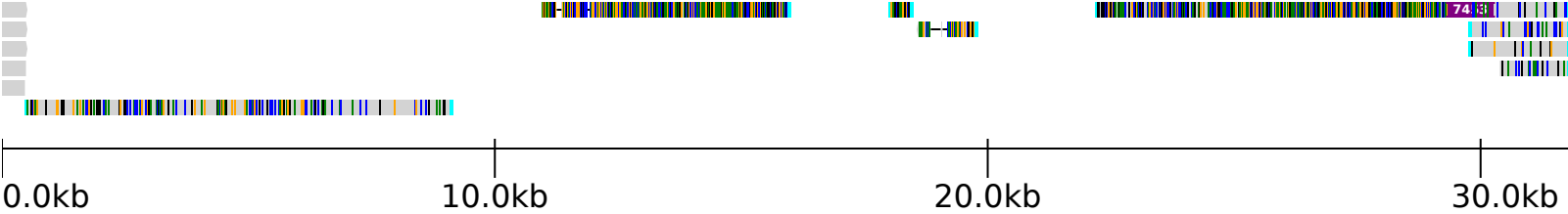
HLA-T*03:01:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-T*03:01:01:01 (identity: 100.00%)



Sample: NA12877

Locus: HLA-T

Resolution: 4th field

Full typing result:

HLA-T*03:01:01:02

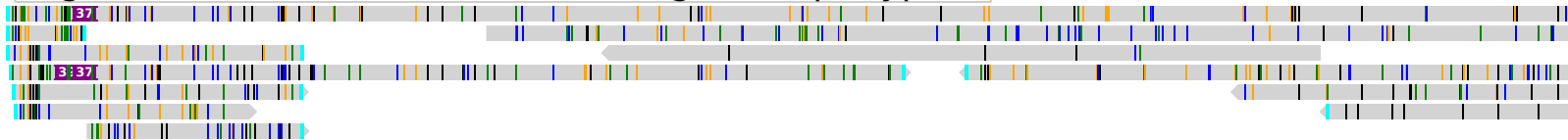
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-T*03:01:01:02 (identity: 98.99%)



Sample: NA12877

Locus: HLA-U

Resolution: 4th field

Full typing result:

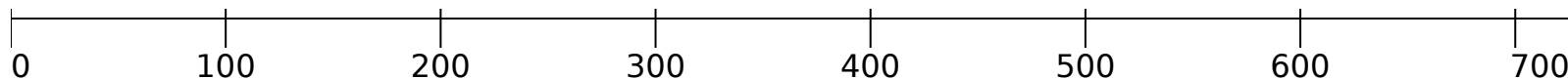
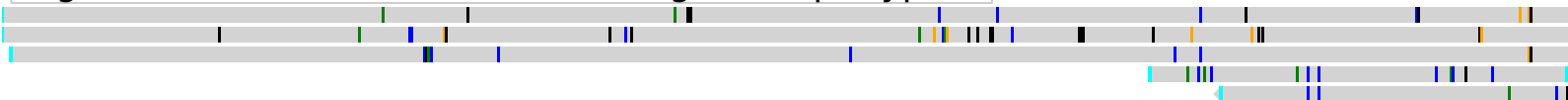
HLA-U*01:04

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-U*01:04 (identity: 100.00%)



Sample: NA12877

Locus: HLA-U

Resolution: 4th field

Full typing result:

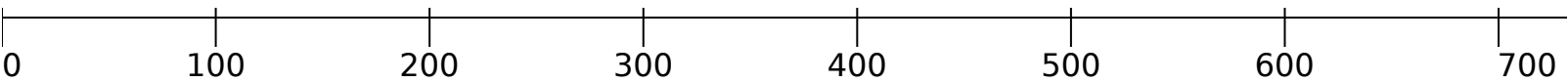
HLA-U*01:03

bam coverage

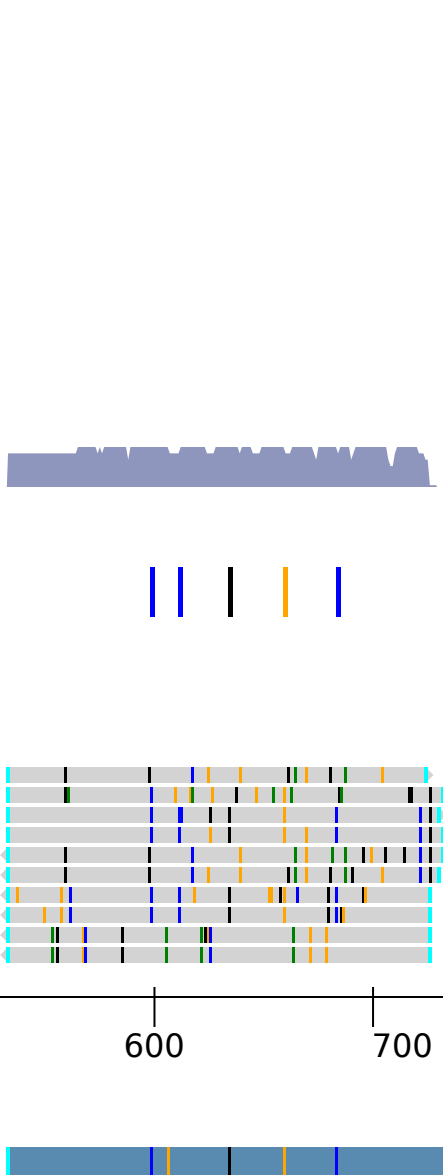
9
6

variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-U*01:03 (identity: 97.49%)



Sample: NA12877

Locus: HLA-V

Resolution: 4th field

Full typing result:

HLA-V*01:01:01:01

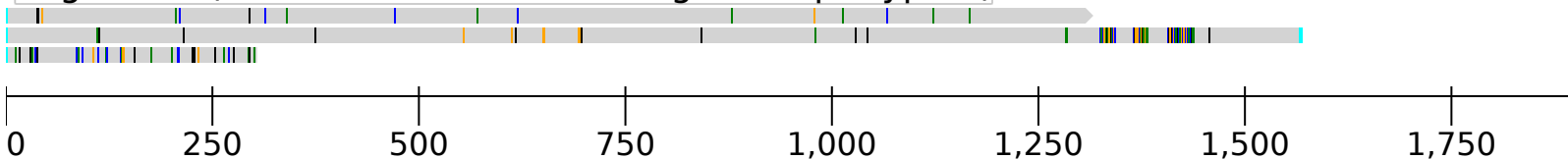
HLA-V*01:01:01:04

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-V*01:01:01:01 (identity: 95.41%)



HLA-V*01:01:01:04 (identity: 95.41%)



Sample: NA12877

Locus: HLA-W

Resolution: 4th field

Full typing result:

HLA-W*03:01:01:02

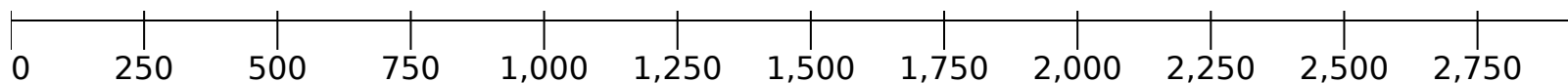
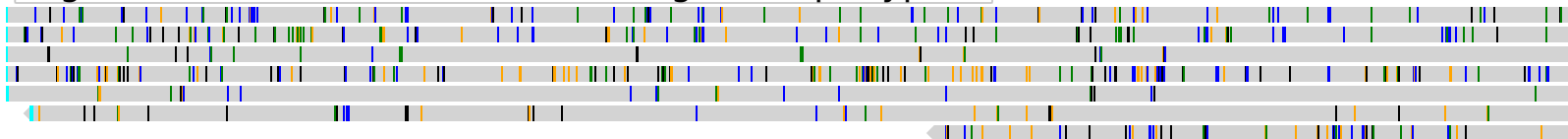
HLA-W*03:01:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-W*03:01:01:02 (identity: 100.00%)

HLA-W*03:01:01:01 (identity: 99.97%)

Sample: NA12877

Locus: HLA-W

Resolution: 4th field

Full typing result:

HLA-W*01:01:01:05

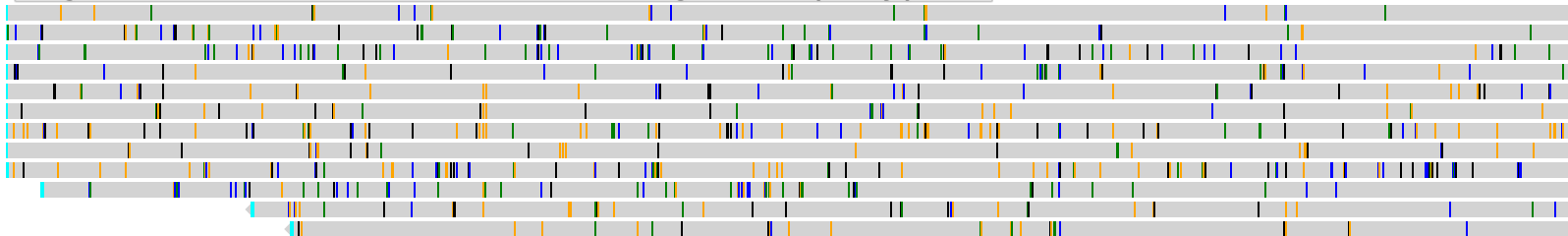
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0 250 500 750 1,000 1,250 1,500 1,750 2,000 2,250 2,500 2,750

HLA-W*01:01:01:05 (identity: 99.97%)



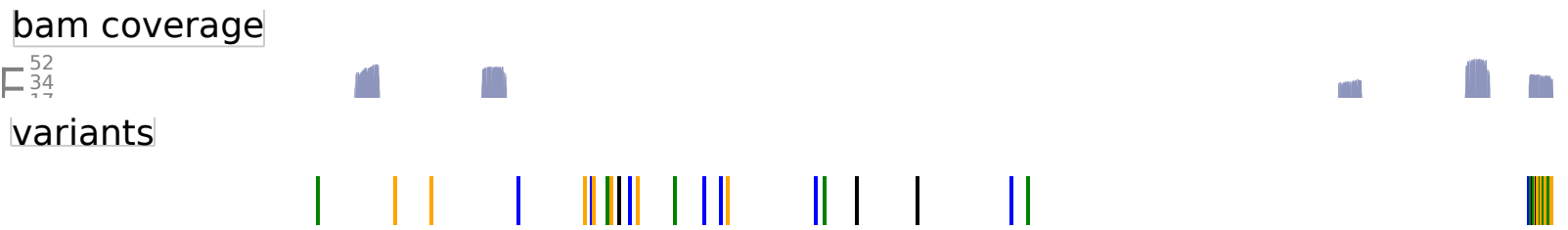
Sample: NA12877

Locus: MICA

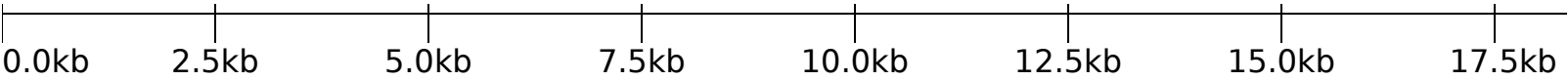
Resolution: 4th field

Full typing result:

MICA*008:01:02



Alignment (reference: reconstructed gene haplotype 1)



MICA*008:01:02 (identity: 99.98%)



Sample: NA12877

Locus: MICB

Resolution: 4th field

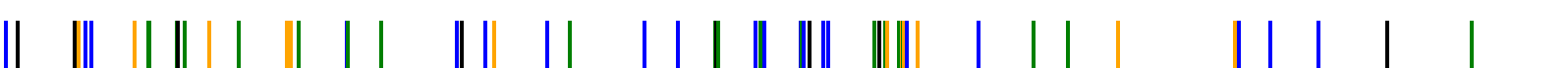
Full typing result:

MICB*002:01:01

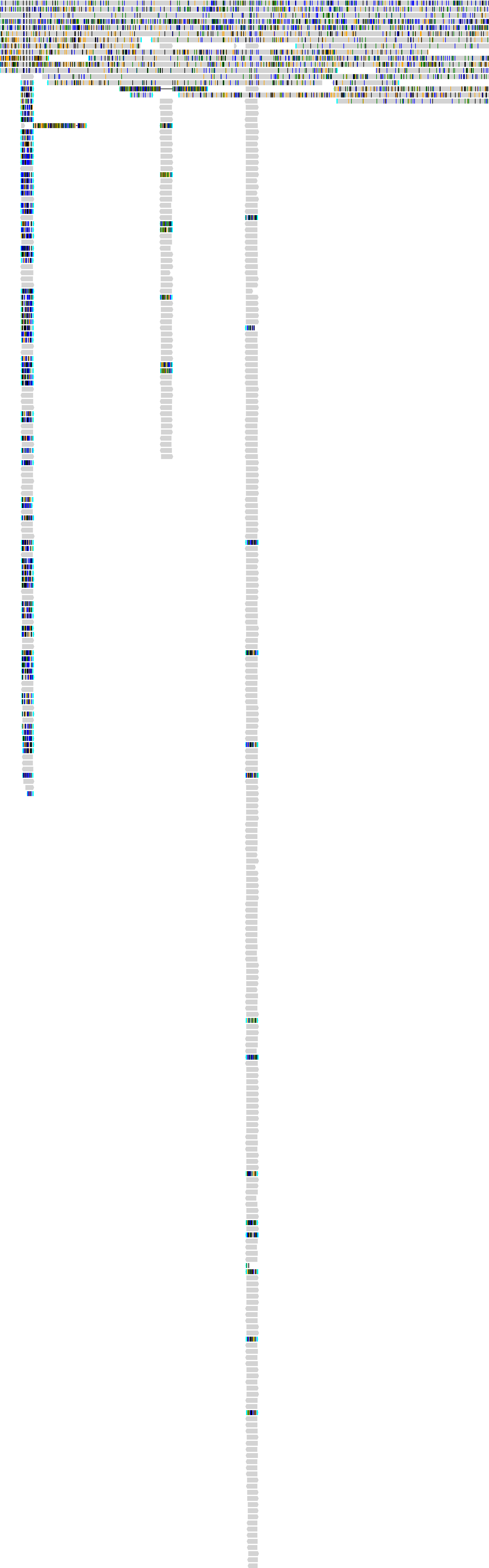
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb 2.5kb 3.75kb 5.0kb 6.25kb 7.5kb 8.75kb 10.0kb 12.5kb

MICB*002:01:01 (identity: 99.80%)



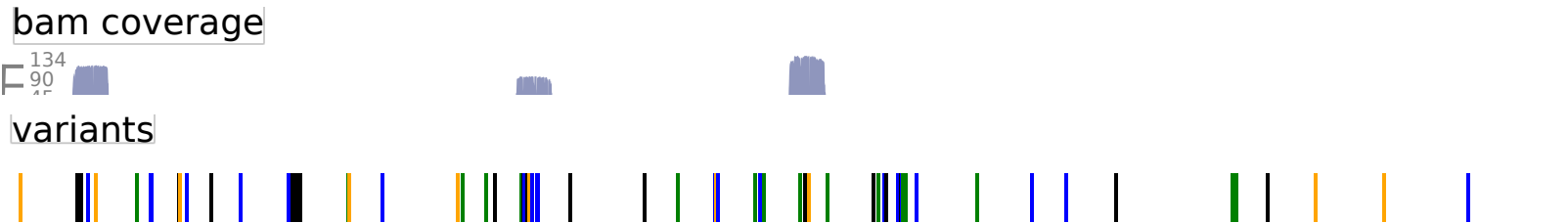
Sample: NA12877

Locus: MICB

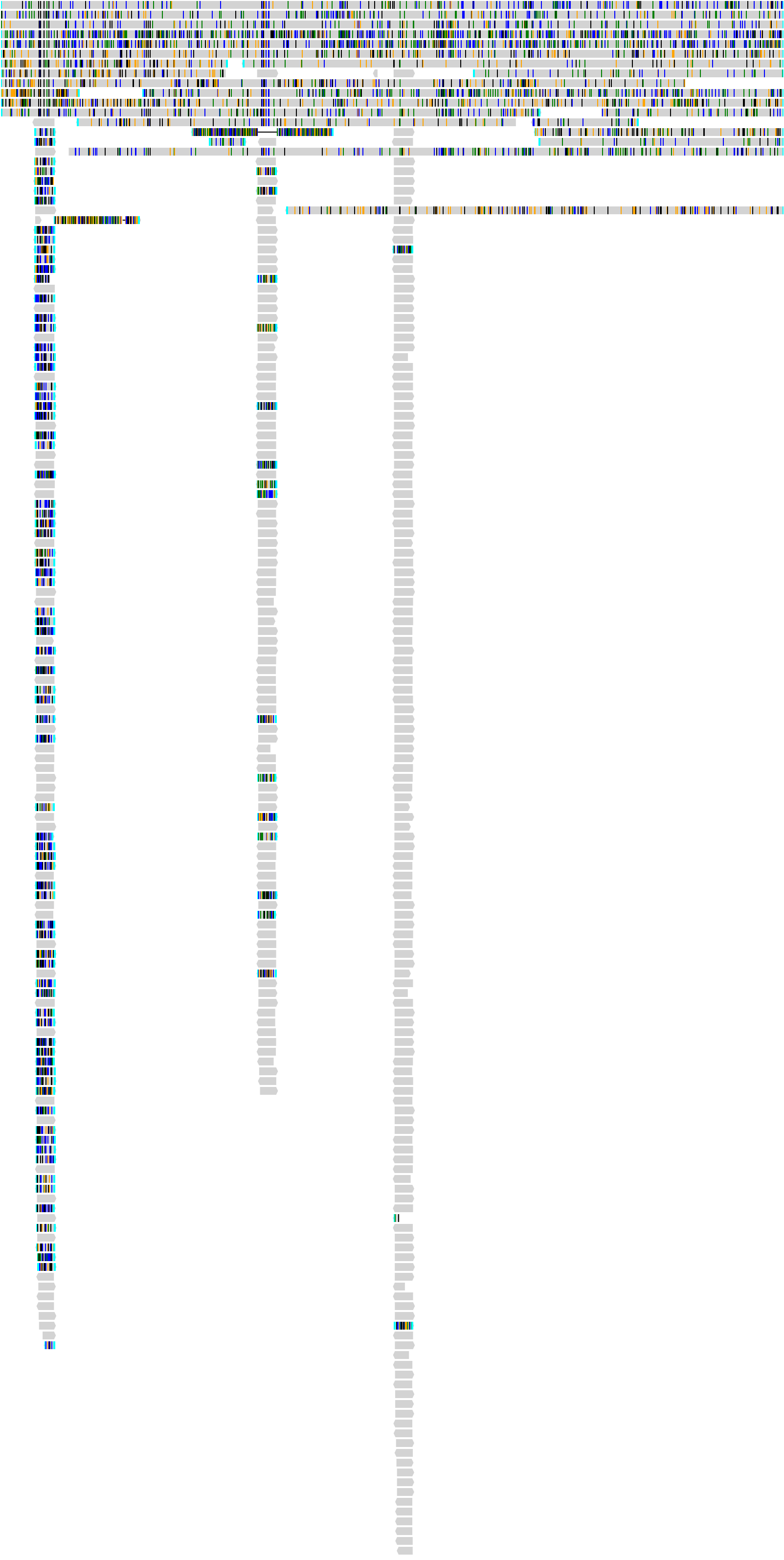
Resolution: 4th field

Full typing result:

MICB*005:02:01



Alignment (reference: reconstructed gene haplotype 2)



0.0kb 2.5kb 3.75kb 5.0kb 6.25kb 7.5kb 8.75kb 10.0kb 12.5kb

MICB*005:02:01 (identity: 99.54%)



Sample: NA12877

Locus: TAP1

Resolution: 4th field

Full typing result:

TAP1*01:01:01:01

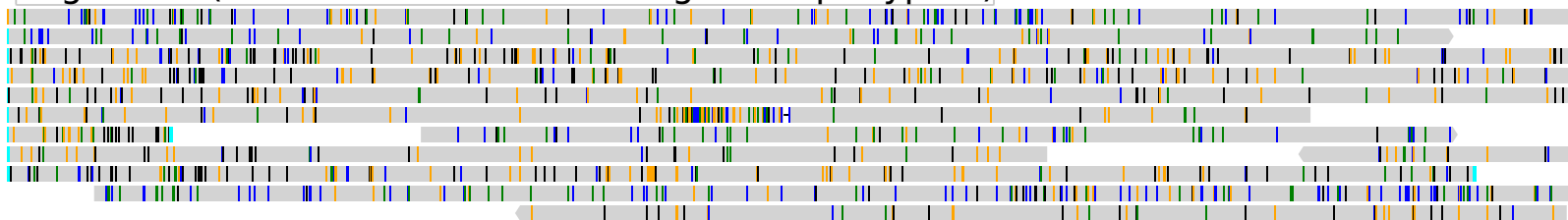
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

2.0kb

3.0kb

4.0kb

5.0kb

6.0kb

7.0kb

8.0kb

9.0kb

TAP1*01:01:01:01 (identity: 100.00%)

Sample: NA12877

Locus: TAP1

Resolution: 4th field

Full typing result:

TAP1*01:01:01:03

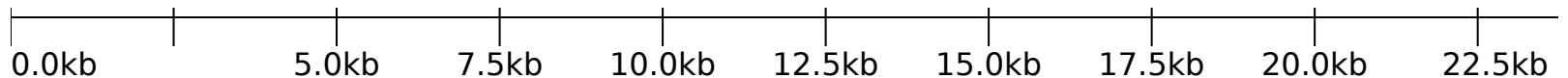
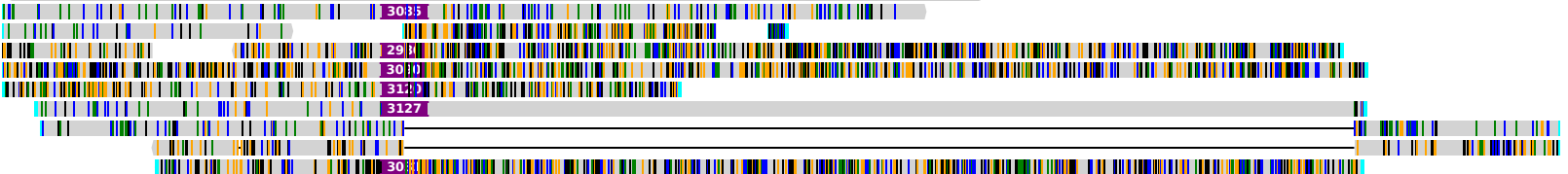
bam coverage



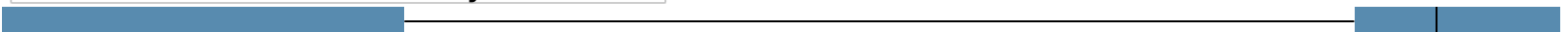
variants



Alignment (reference: reconstructed gene haplotype 2)



TAP1*01:01:01:03 (identity: -56.06%)



Sample: NA12877

Locus: TAP2

Resolution: 4th field

Full typing result:

TAP2*01:04:01:01

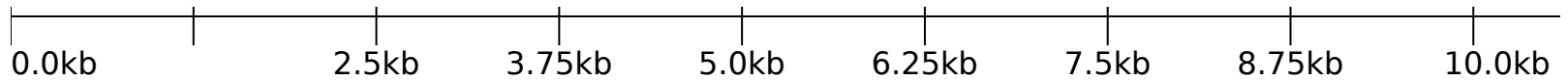
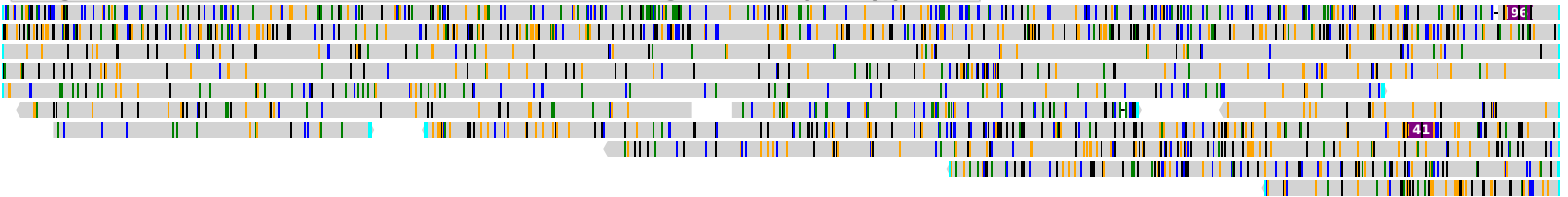
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



TAP2*01:04:01:01 (identity: 99.99%)



Sample: NA12877

Locus: TAP2

Resolution: 4th field

Full typing result:

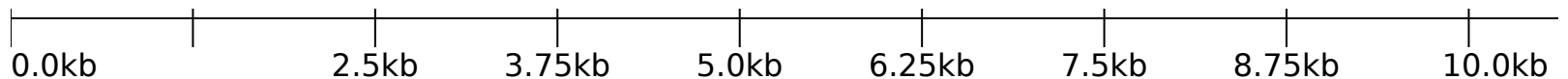
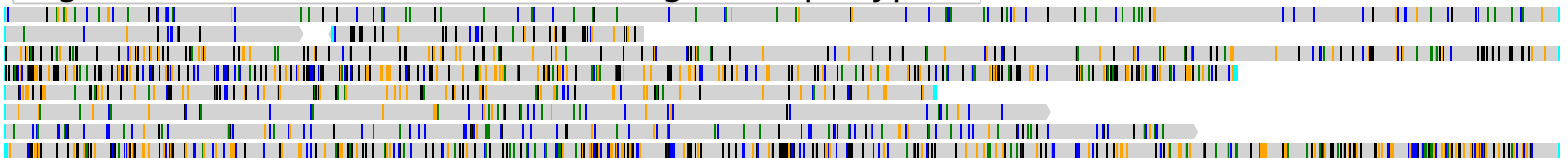
TAP2*02:01:02:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



TAP2*02:01:02:01 (identity: 99.89%)

