

Sample: NA19128

Locus: HLA-A

Resolution: 4th field

Full typing result:

HLA-A*68:02:21

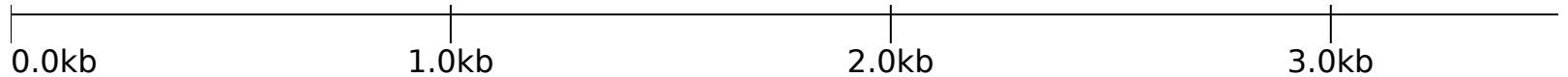
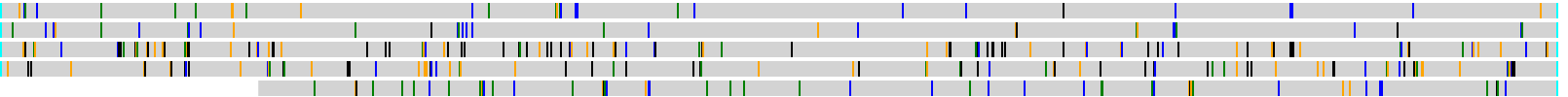
HLA-A*68:02:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-A*68:02:21 (identity: 100.00%)



HLA-A*68:02:01:01 (identity: 99.97%)



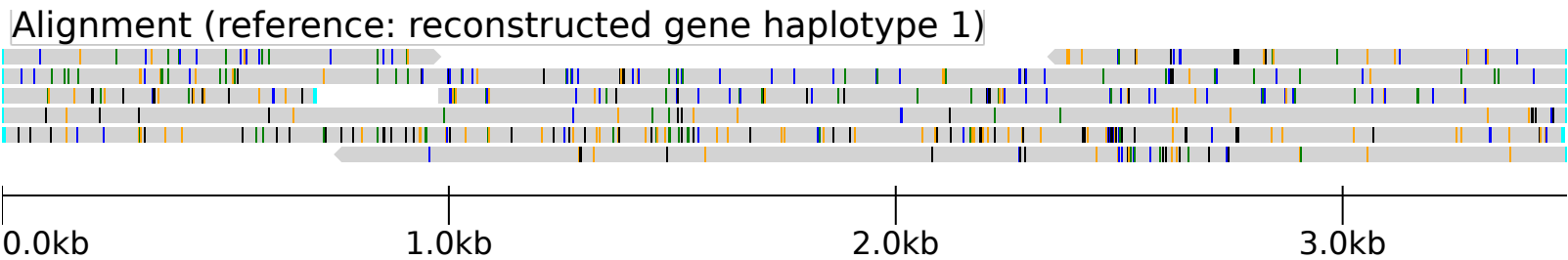
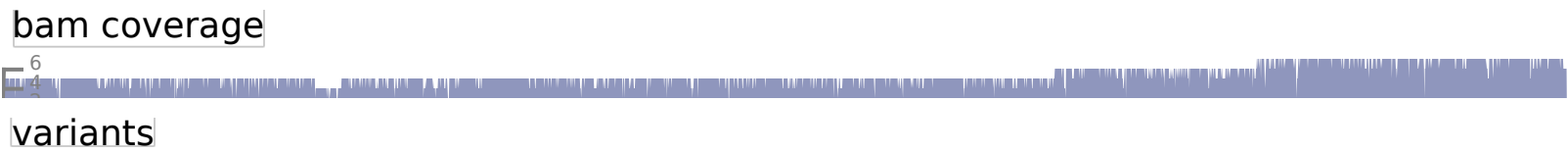
Sample: NA19128

Locus: HLA-A

Resolution: 4th field

Full typing result:

HLA-A*23:01:01:01	HLA-A*23:01:01:08	HLA-A*23:01:01:07
HLA-A*23:01:01:15	HLA-A*23:01:01:16	HLA-A*23:01:01:28
HLA-A*23:01:20	HLA-A*23:01:22	HLA-A*23:01:26
HLA-A*23:01:29	HLA-A*23:01:30	HLA-A*23:01:33
HLA-A*23:01:38	HLA-A*23:01:40	HLA-A*23:106N



HLA-A*23:01:01:01 (identity: 100.00%)
HLA-A*23:01:01:08 (identity: 99.91%)
HLA-A*23:01:01:07 (identity: 99.97%)
HLA-A*23:01:01:15 (identity: 99.97%)
HLA-A*23:01:01:16 (identity: 99.97%)
HLA-A*23:01:01:28 (identity: 99.97%)
HLA-A*23:01:20 (identity: 99.97%)
HLA-A*23:01:22 (identity: 99.97%)
HLA-A*23:01:26 (identity: 99.97%)
HLA-A*23:01:29 (identity: 99.97%)

Sample: NA19128

Locus: HLA-B

Resolution: 4th field

Full typing result:

HLA-B*07:02:01:118

HLA-B*07:02:01:01

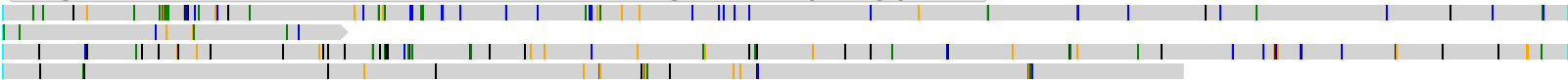
HLA-B*07:120

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

4.0kb

HLA-B*07:02:01:118 (identity: 99.95%)

HLA-B*07:02:01:01 (identity: 99.93%)

HLA-B*07:120 (identity: 99.93%)



Sample: NA19128

Locus: HLA-B

Resolution: 4th field

Full typing result:

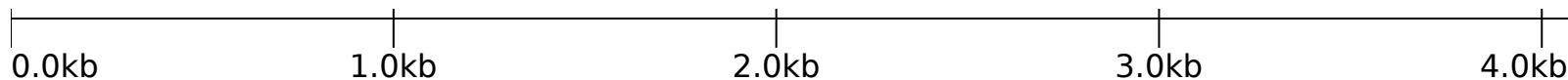
HLA-B*15:10:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-B*15:10:01:01 (identity: 100.00%)

Sample: NA19128

Locus: HLA-C

Resolution: 4th field

Full typing result:

HLA-C*03:02:02:05

HLA-C*03:02:02:17

HLA-C*03:373

HLA-C*03:596

HLA-C*03:84

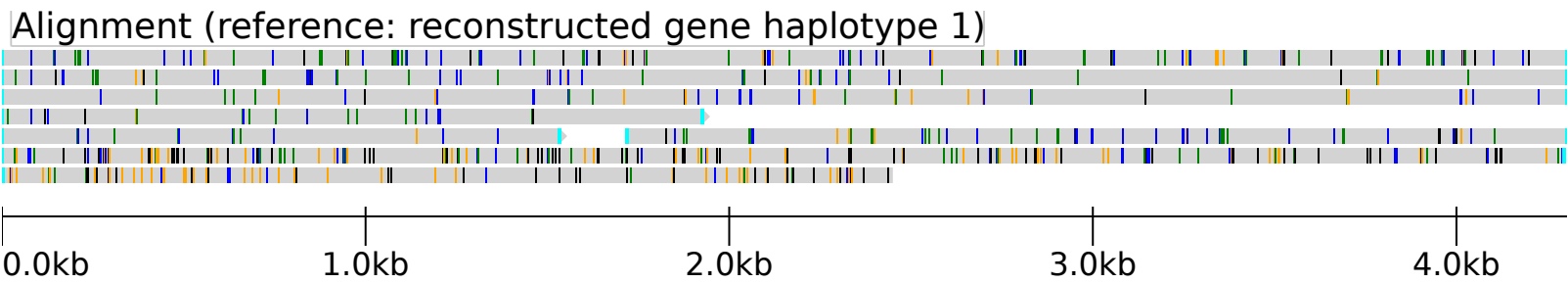
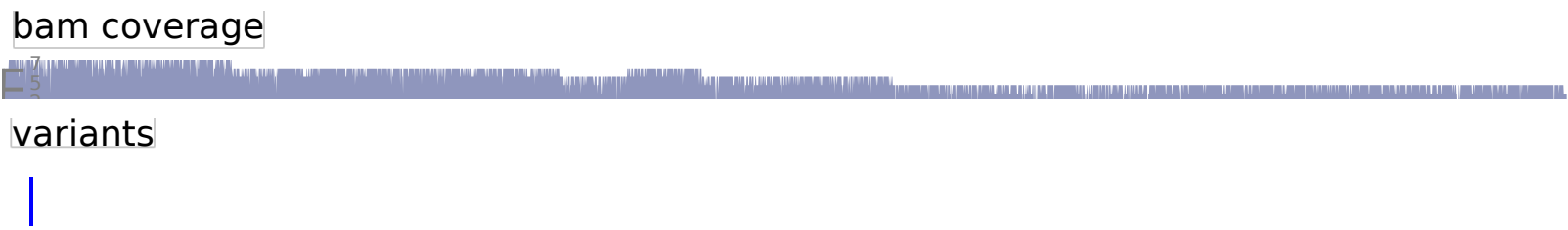
HLA-C*03:589

HLA-C*03:668

HLA-C*03:315

HLA-C*03:02:33

HLA-C*03:676



HLA-C*03:02:02:05 (identity: 100.00%)

HLA-C*03:02:02:17 (identity: 99.98%)

HLA-C*03:373 (identity: 99.98%)

HLA-C*03:596 (identity: 99.98%)

HLA-C*03:84 (identity: 99.98%)

HLA-C*03:589 (identity: 99.98%)

HLA-C*03:668 (identity: 99.98%)

HLA-C*03:315 (identity: 99.98%)

HLA-C*03:02:33 (identity: 99.98%)

HLA-C*03:676 (identity: 99.98%)

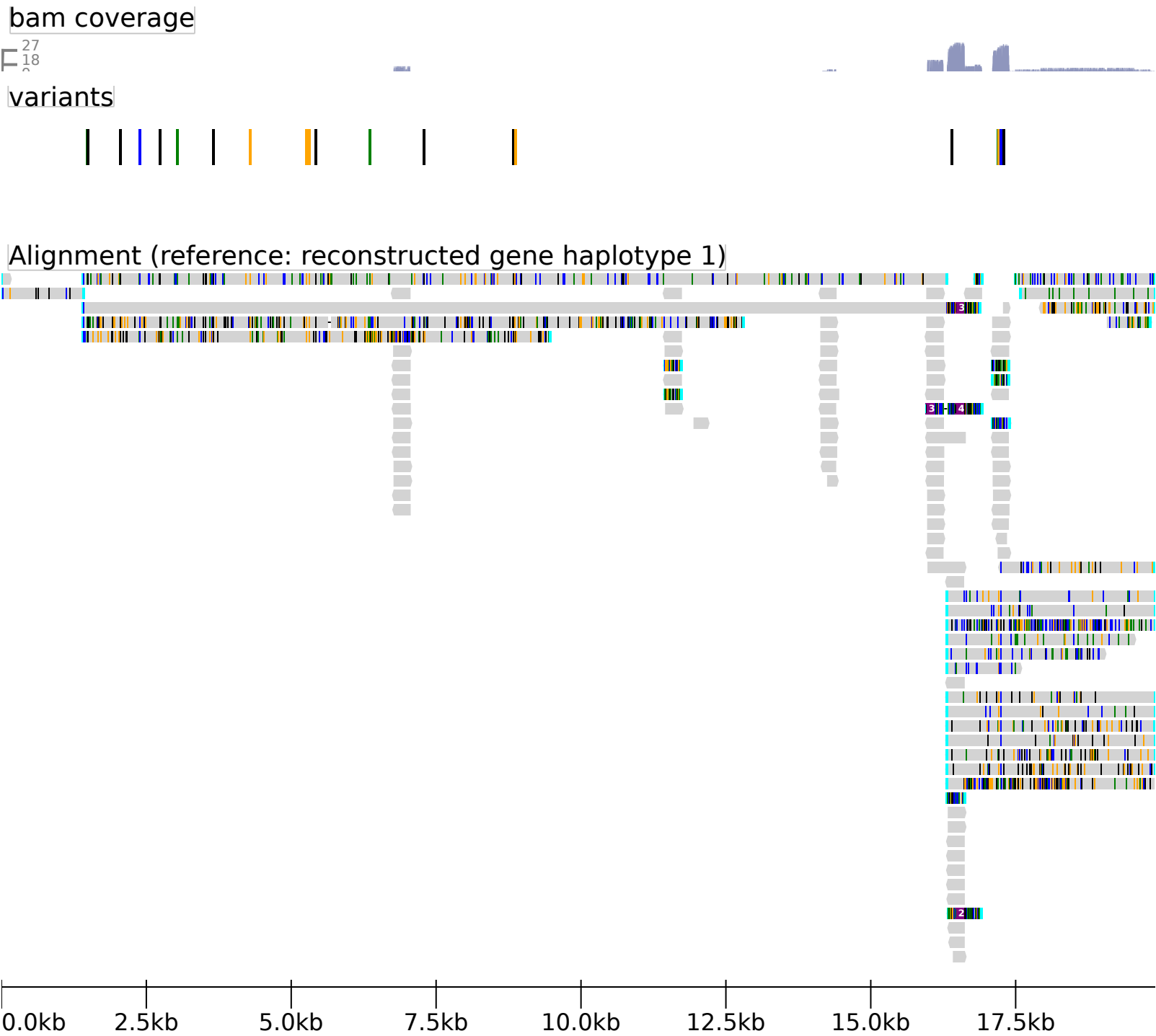
Sample: NA19128

Locus: HLA-DMA

Resolution: 4th field

Full typing result:

HLA-DMA*01:01:01:02



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



Sample: NA19128

Locus: HLA-DMB

Resolution: 4th field

Full typing result:

HLA-DMB*01:01:01:44

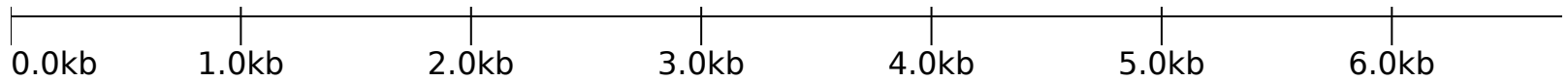
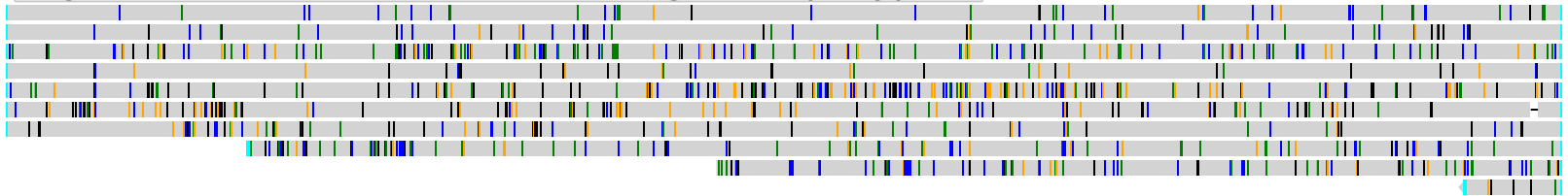
bam coverage



variants

|

Alignment (reference: reconstructed gene haplotype 1)



HLA-DMB*01:01:01:44 (identity: 100.00%)



Sample: NA19128

Locus: HLA-DMB

Resolution: 4th field

Full typing result:

HLA-DMB*01:03:01:01

bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

4.0kb

5.0kb

6.0kb

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



Sample: NA19128

Locus: HLA-DOA

Resolution: 4th field

Full typing result:

HLA-DOA*01:01:02:08 HLA-DOA*01:01:02:45 HLA-DOA*01:01:02:17

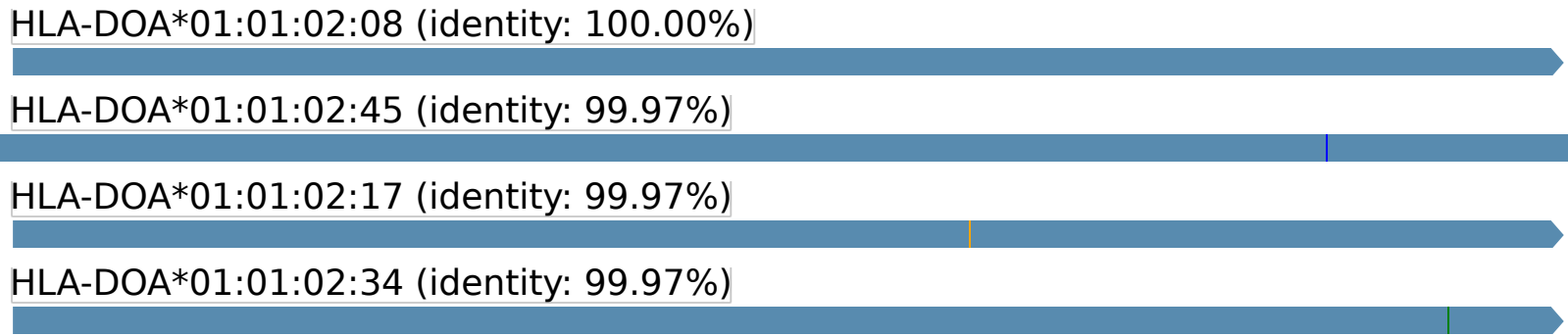
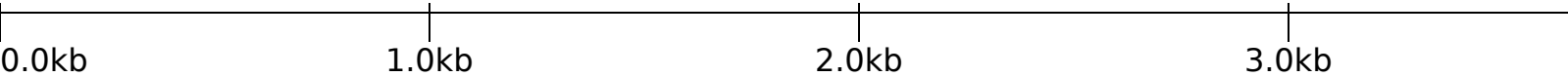
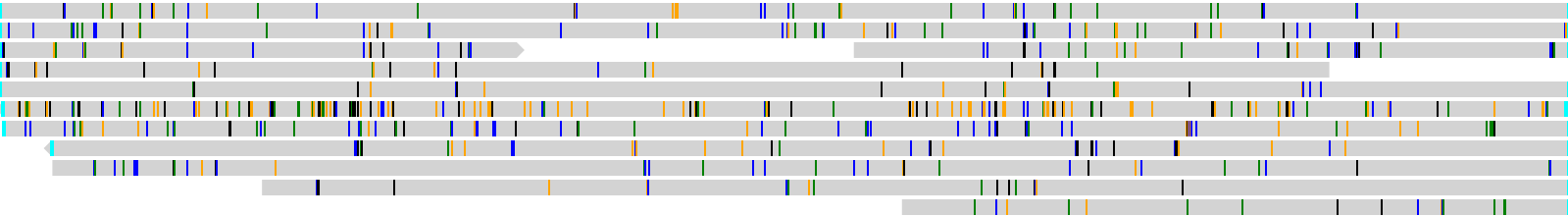
HLA-DOA*01:01:02:34



variants



Alignment (reference: reconstructed gene haplotype 1)



Sample: NA19128

Locus: HLA-DOA

Resolution: 4th field

Full typing result:

HLA-DOA*01:01:08

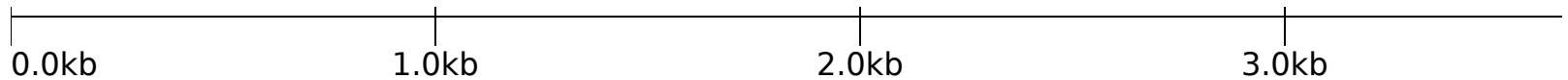
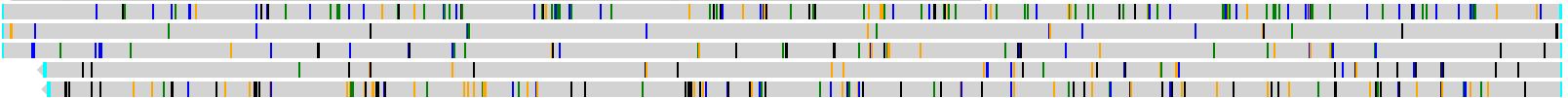
HLA-DOA*01:01:04:03

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-DOA*01:01:08 (identity: 100.00%)



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



Sample: NA19128

Locus: HLA-DOB

Resolution: 4th field

Full typing result:

HLA-DOB*01:02:01:01

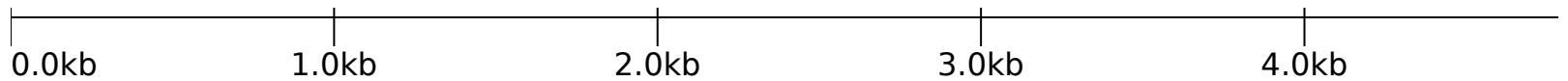
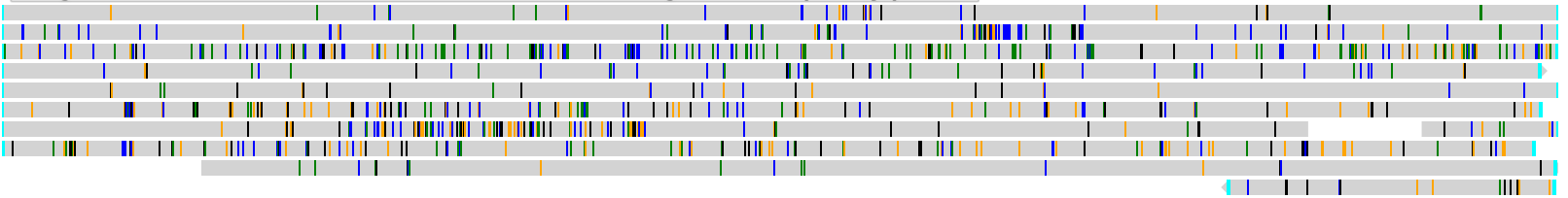
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DOB*01:02:01:01 (identity: 99.98%)



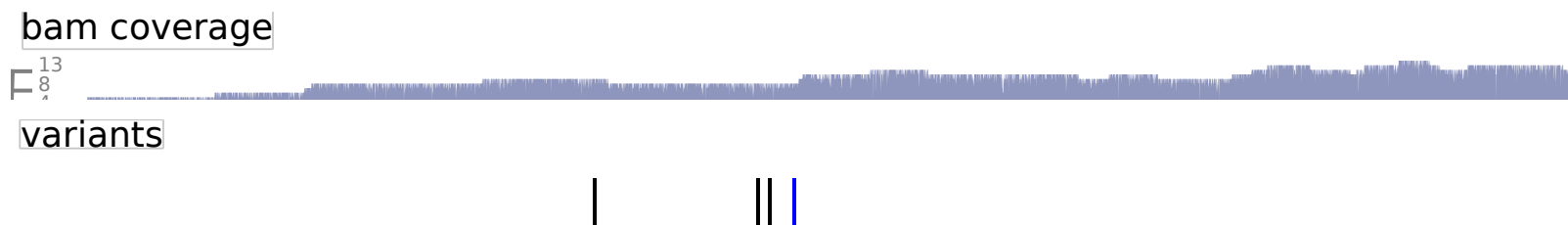
Sample: NA19128

Locus: HLA-DPA1

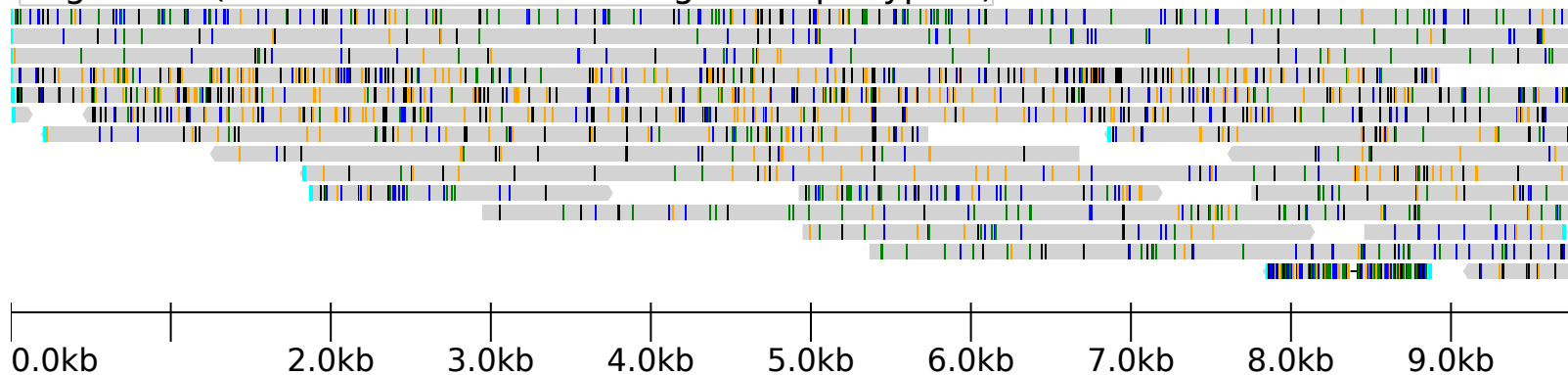
Resolution: 4th field

Full typing result:

HLA-DPA1*02:01:08:03



Alignment (reference: reconstructed gene haplotype 1)



HLA-DPA1*02:01:08:03 (identity: 99.99%)

Sample: NA19128

Locus: HLA-DPA2

Resolution: 4th field

Full typing result:

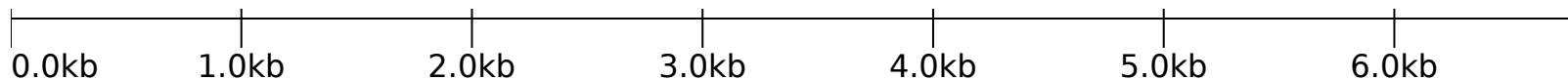
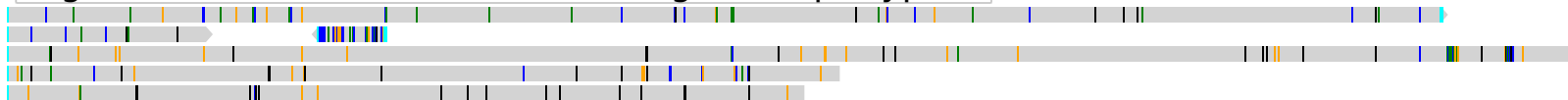
HLA-DPA2*01:01:02

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-DPA2*01:01:02 (identity: 98.51%)



Sample: NA19128

Locus: HLA-DPA2

Resolution: 4th field

Full typing result:

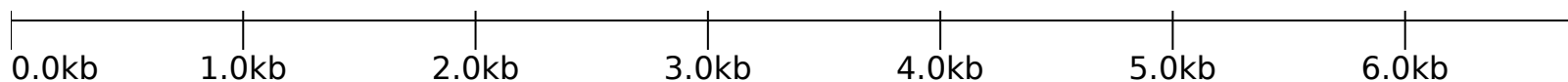
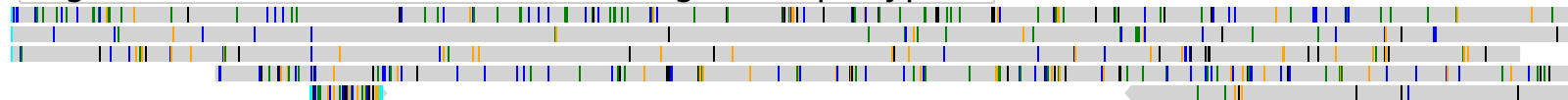
HLA-DPA2*01:01:01:03

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-DPA2*01:01:01:03 (identity: 99.97%)



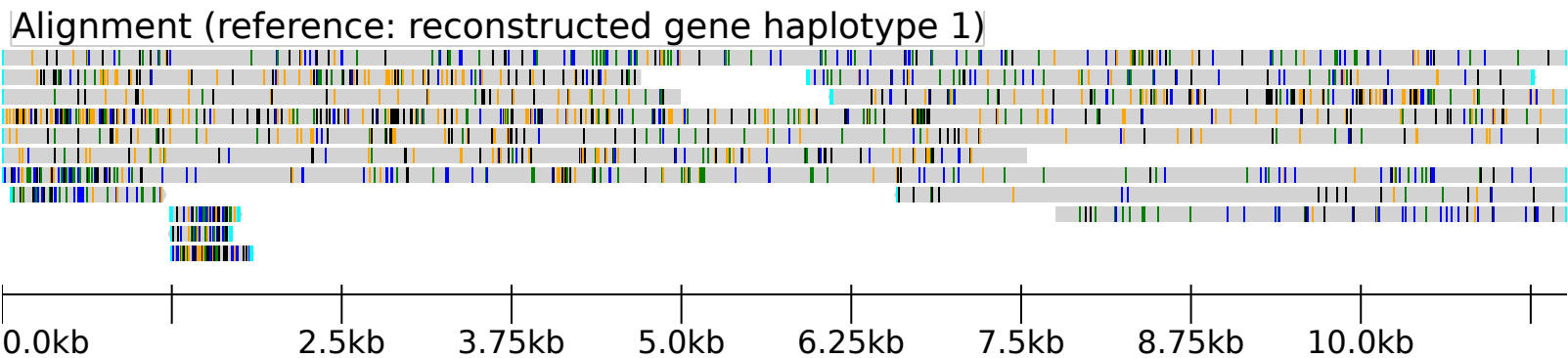
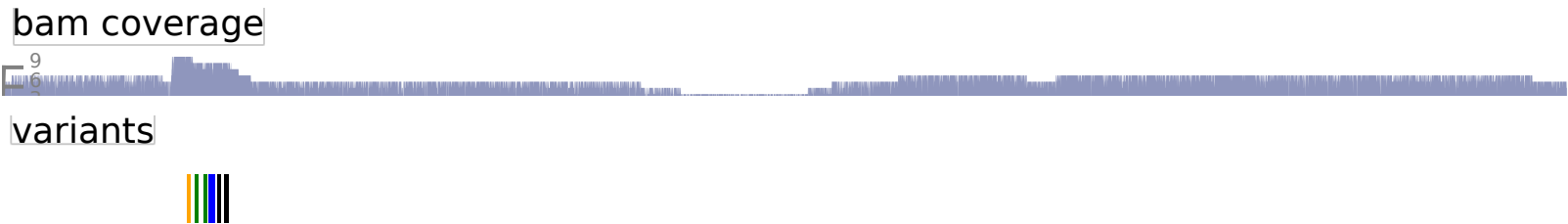
Sample: NA19128

Locus: HLA-DPB1

Resolution: 4th field

Full typing result:

- HLA-DPB1*17:01:01:01HLA-DPB1*1233:01HLA-DPB1*1367:01
- HLA-DPB1*1394:01HLA-DPB1*1397:01HLA-DPB1*1555:01
- HLA-DPB1*1556:01HLA-DPB1*17:01:01:03HLA-DPB1*17:01:01:04
- HLA-DPB1*17:01:01:05HLA-DPB1*17:01:01:07HLA-DPB1*17:01:01:08
- HLA-DPB1*17:01:01:09HLA-DPB1*17:01:04HLA-DPB1*245:01



- HLA-DPB1*17:01:01:01 (identity: 99.99%)
- HLA-DPB1*1233:01 (identity: 99.98%)
- HLA-DPB1*1367:01 (identity: 99.98%)
- HLA-DPB1*1394:01 (identity: 99.98%)
- HLA-DPB1*1397:01 (identity: 99.98%)
- HLA-DPB1*1555:01 (identity: 99.98%)
- HLA-DPB1*1556:01 (identity: 99.98%)
- HLA-DPB1*17:01:01:03 (identity: 99.98%)
- HLA-DPB1*17:01:01:04 (identity: 99.98%)
- HLA-DPB1*17:01:01:05 (identity: 99.98%)

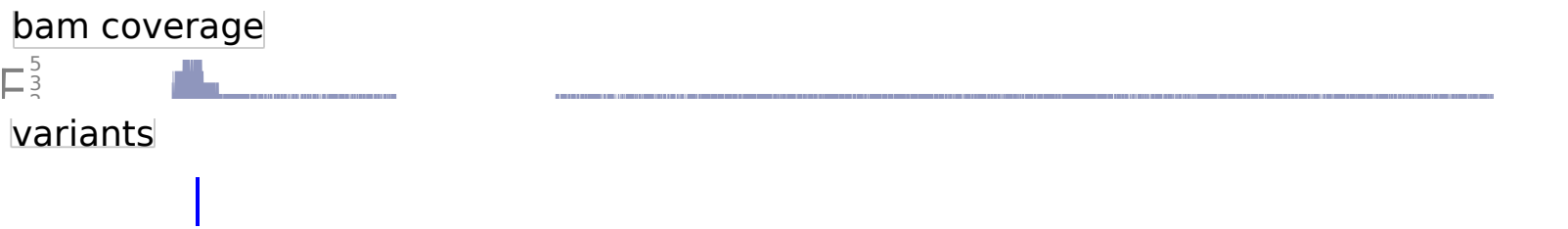
Sample: NA19128

Locus: HLA-DPB1

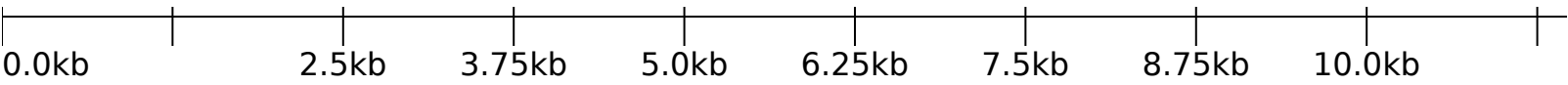
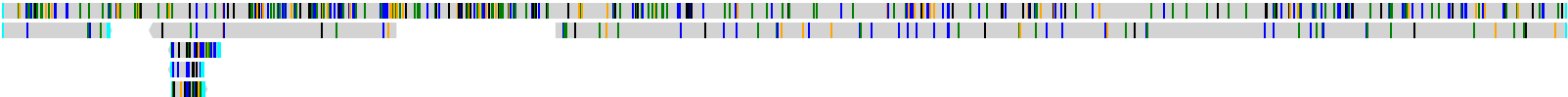
Resolution: 4th field

Full typing result:

- HLA-DPB1*01:01:01:01
- HLA-DPB1*01:01:01:27
- HLA-DPB1*01:01:01:03
- HLA-DPB1*01:01:01:11
- HLA-DPB1*01:01:01:13
- HLA-DPB1*01:01:01:15
- HLA-DPB1*01:01:01:16
- HLA-DPB1*01:01:01:18
- HLA-DPB1*01:01:01:19
- HLA-DPB1*01:01:01:21



Alignment (reference: reconstructed gene haplotype 2)



- HLA-DPB1*01:01:01:01 (identity: 99.16%)
- HLA-DPB1*01:01:01:27 (identity: 99.15%)
- HLA-DPB1*01:01:01:03 (identity: 99.15%)
- HLA-DPB1*01:01:01:11 (identity: 99.15%)
- HLA-DPB1*01:01:01:13 (identity: 99.15%)
- HLA-DPB1*01:01:01:15 (identity: 99.15%)
- HLA-DPB1*01:01:01:16 (identity: 99.15%)
- HLA-DPB1*01:01:01:18 (identity: 99.13%)
- HLA-DPB1*01:01:01:19 (identity: 99.15%)
- HLA-DPB1*01:01:01:21 (identity: 99.15%)

Sample: NA19128

Locus: HLA-DPB2

Resolution: 4th field

Full typing result:

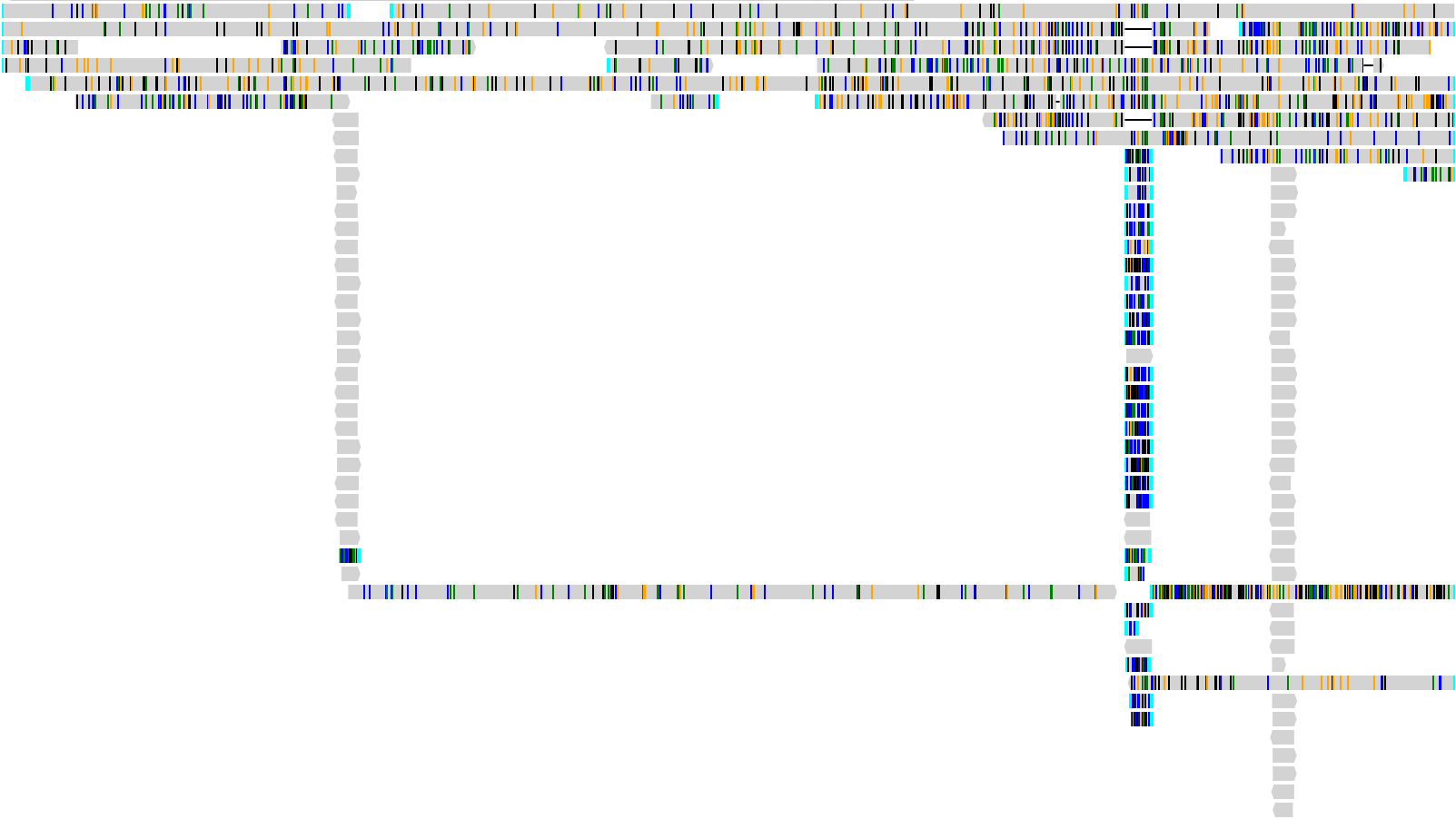
HLA-DPB2*03:01:01:01

bam coverage

39
26
13

variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-DPB2*03:01:01:01 (identity: 99.87%)



Sample: NA19128

Locus: HLA-DPB2

Resolution: 4th field

Full typing result:

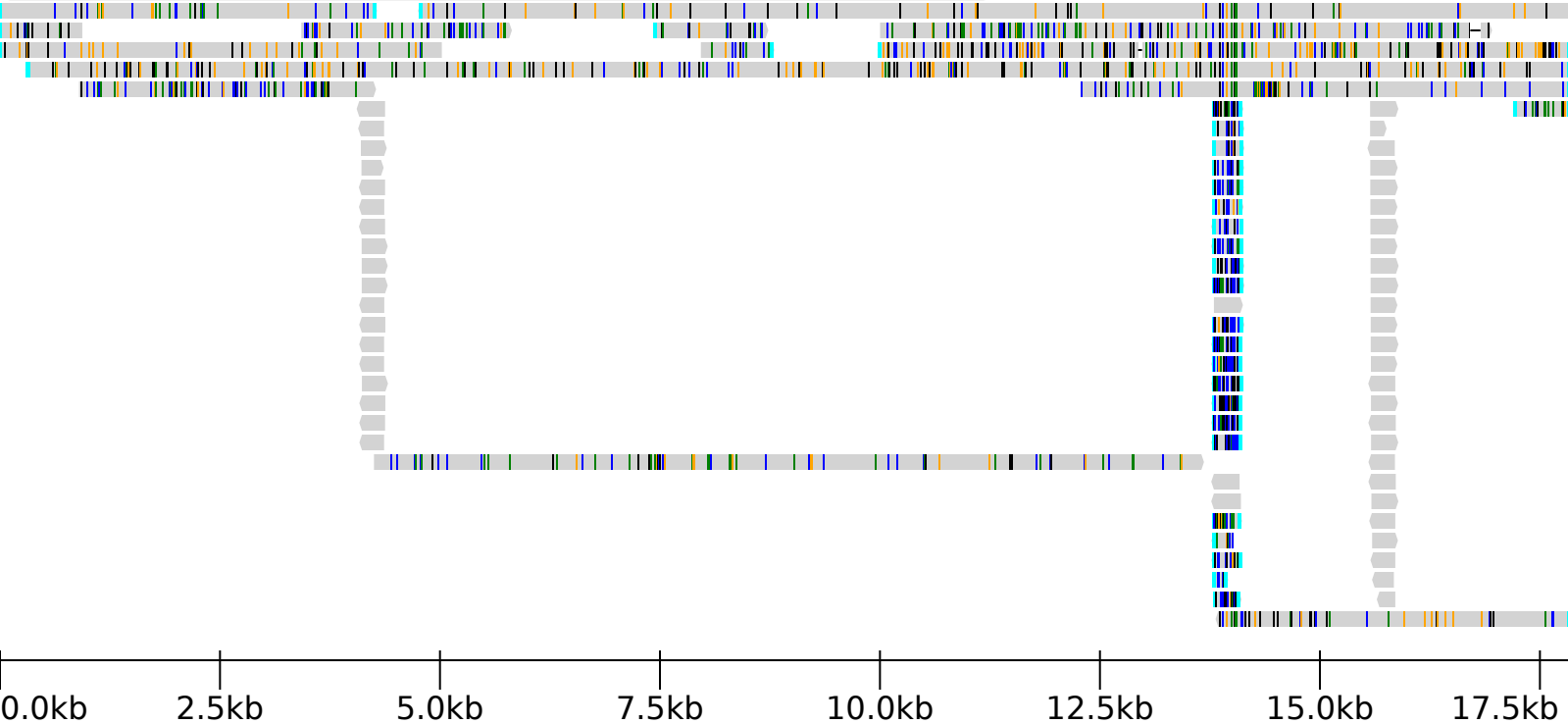
HLA-DPB2*03:01:01:01

bam coverage

27
18

variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-DPB2*03:01:01:01 (identity: 99.87%)



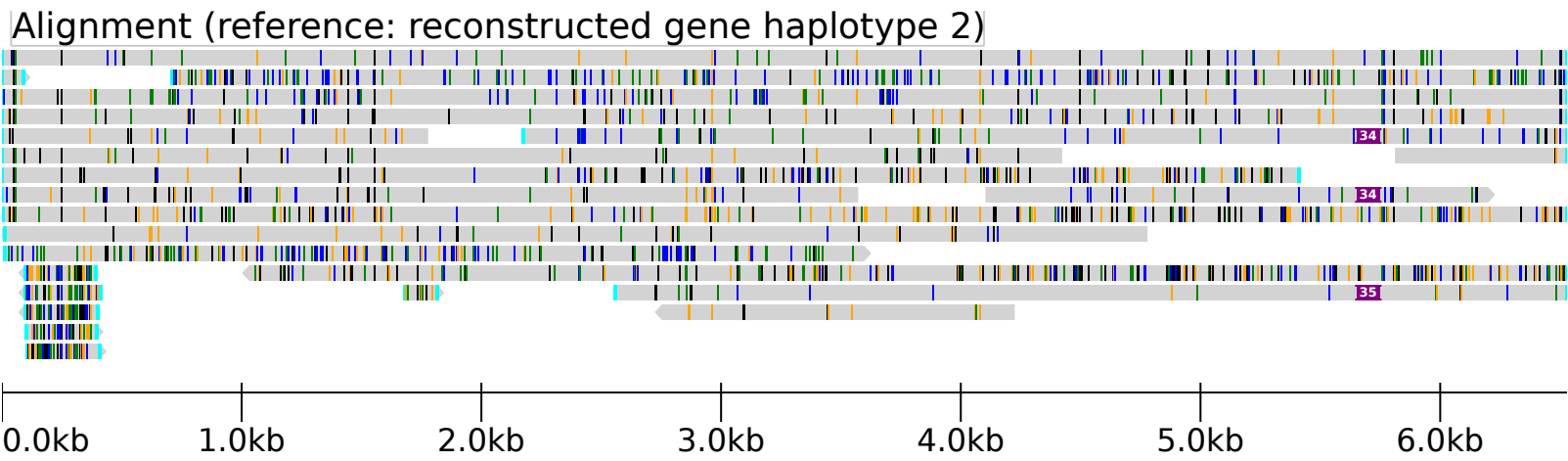
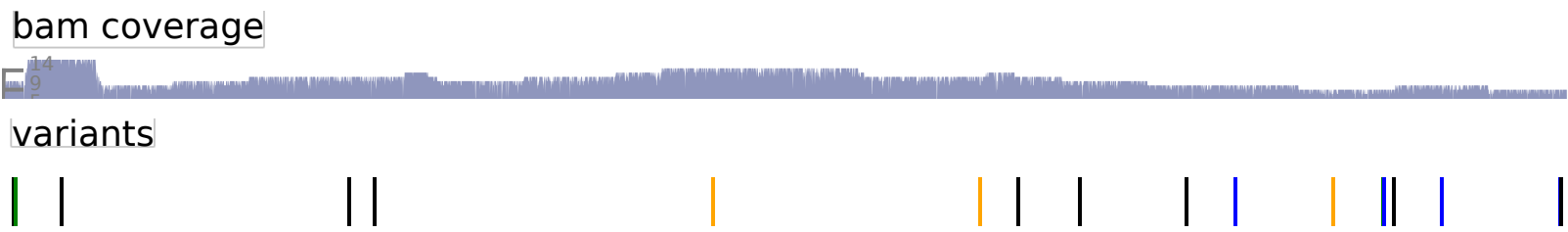
Sample: NA19128

Locus: HLA-DQA1

Resolution: 4th field

Full typing result:

- HLA-DQA1*05:05:01:03
- HLA-DQA1*05:05:01:01
- HLA-DQA1*05:05:01:02
- HLA-DQA1*05:05:01:09
- HLA-DQA1*05:65:01:03
- HLA-DQA1*05:05:01:10
- HLA-DQA1*05:11:01:01
- HLA-DQA1*05:05:01:39
- HLA-DQA1*05:05:05
- HLA-DQA1*05:09:01:04



HLA-DQA1*05:05:01:03 (identity: 98.88%)	54
HLA-DQA1*05:05:01:01 (identity: 98.76%)	62
HLA-DQA1*05:05:01:02 (identity: 98.70%)	66
HLA-DQA1*05:05:01:09 (identity: 98.82%)	58
HLA-DQA1*05:65:01:03 (identity: 98.92%)	50
HLA-DQA1*05:05:01:10 (identity: 98.74%)	62
HLA-DQA1*05:11:01:01 (identity: 98.80%)	58
HLA-DQA1*05:05:01:39 (identity: 98.80%)	58
HLA-DQA1*05:05:05 (identity: 98.66%)	66
HLA-DQA1*05:09:01:04 (identity: 98.78%)	58

Sample: NA19128

Locus: HLA-DQA1

Resolution: 4th field

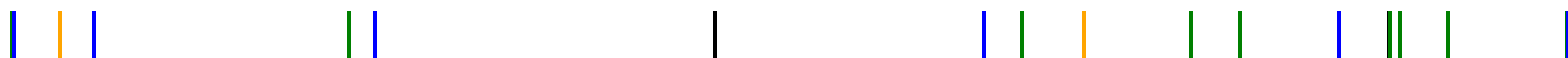
Full typing result:

HLA-DQA1*05:01:01:01

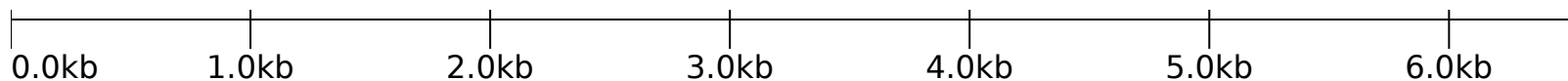
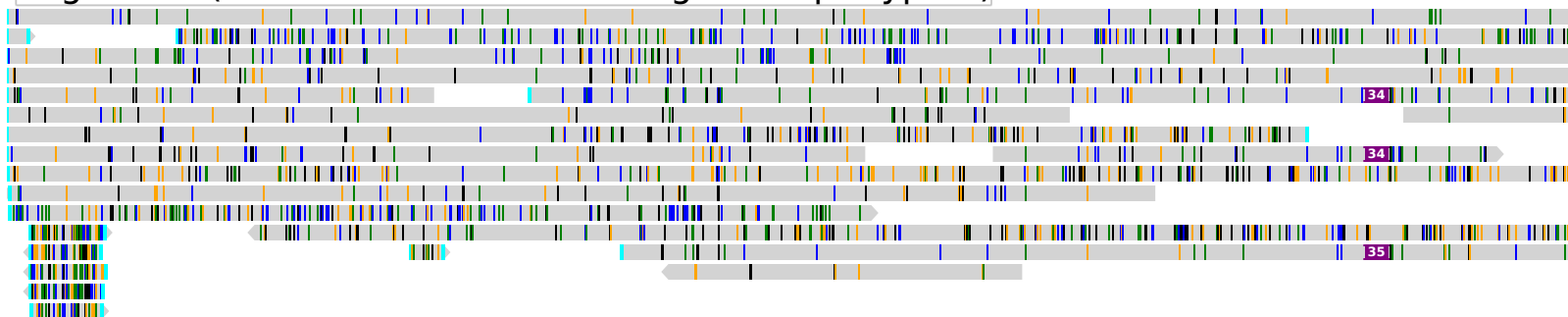
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DQA1*05:01:01:01 (identity: 100.00%)



Sample: NA19128

Locus: HLA-DQA2

Resolution: 4th field

Full typing result:

HLA-DQA2*01:04:01:02

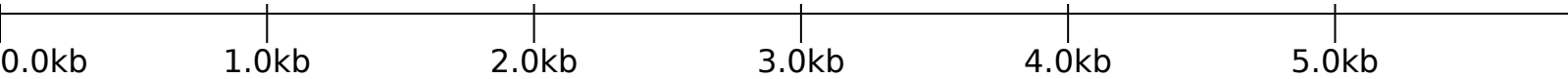
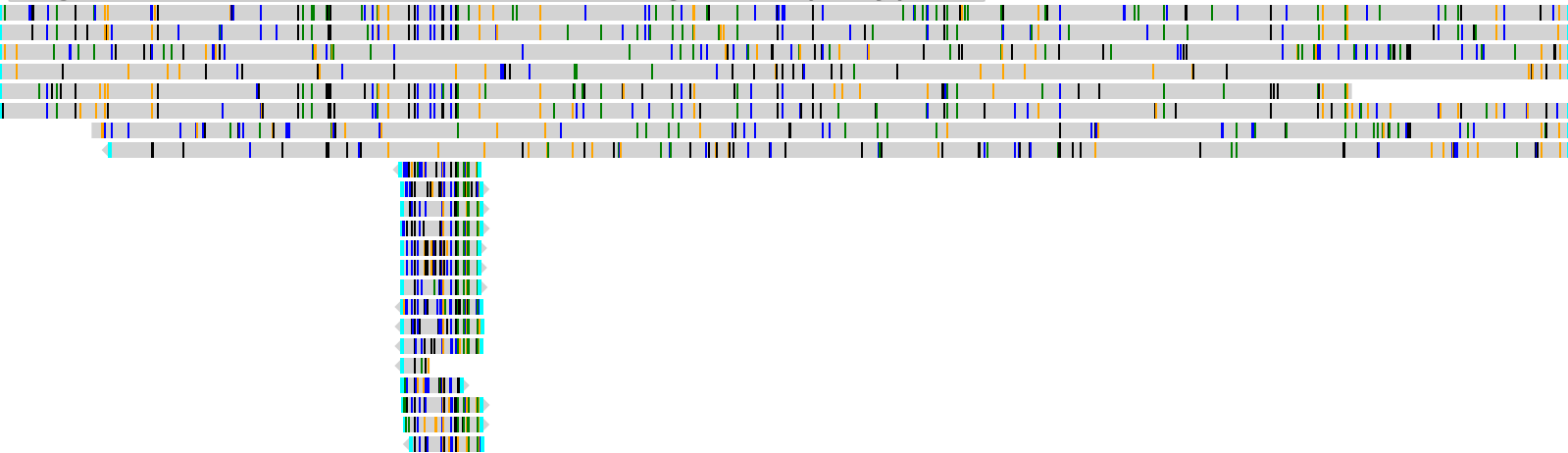
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DQA2*01:04:01:02 (identity: 99.74%)



Sample: NA19128

Locus: HLA-DQB1

Resolution: 4th field

Full typing result:

HLA-DQB1*02:01:01:01

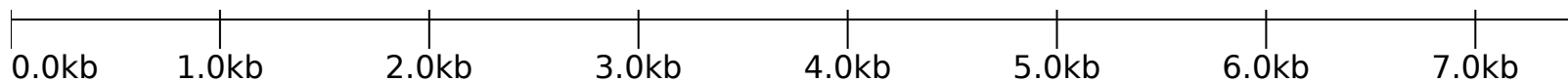
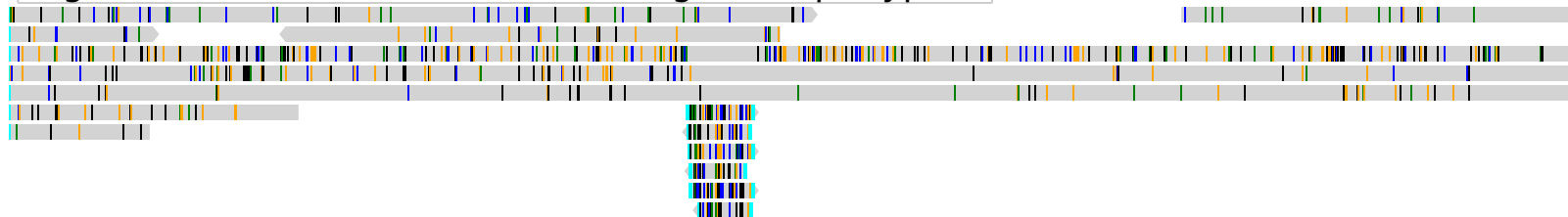
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DQB1*02:01:01:01 (identity: 99.99%)



Sample: NA19128

Locus: HLA-DQB1

Resolution: 4th field

Full typing result:

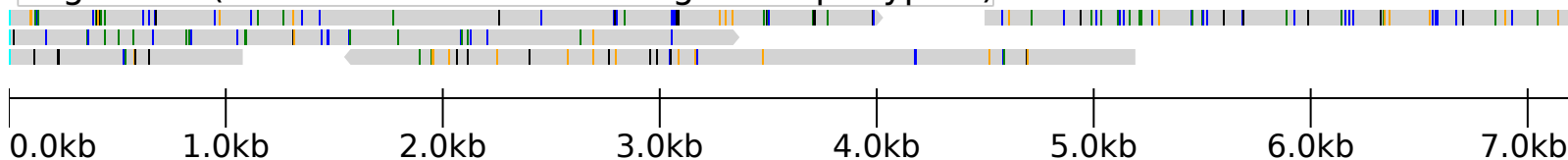
HLA-DQB1*03:19:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-DQB1*03:19:01:01 (identity: 100.00%)

Sample: NA19128

Locus: HLA-DQB2

Resolution: 4th field

Full typing result:

HLA-DQB2*01:01:01:04

HLA-DQB2*01:01:01:03

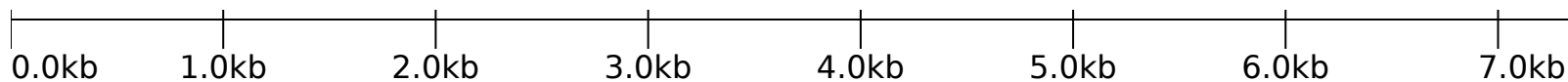
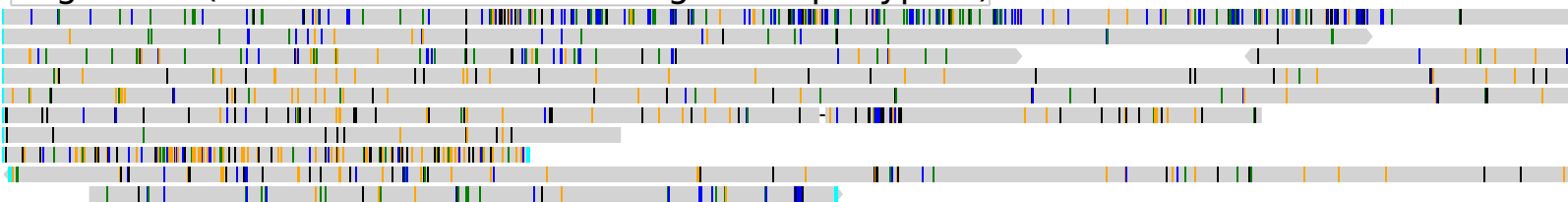
bam coverage



variants

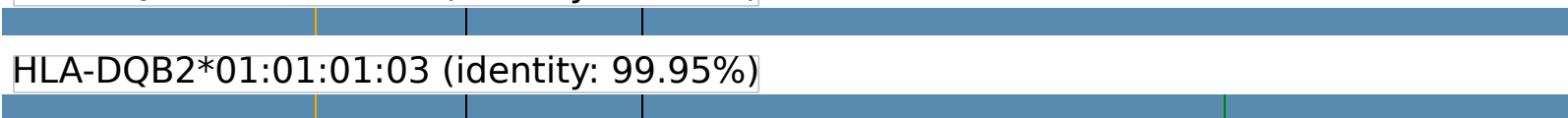


Alignment (reference: reconstructed gene haplotype 1)



HLA-DQB2*01:01:01:04 (identity: 99.96%)

HLA-DQB2*01:01:01:03 (identity: 99.95%)



Sample: NA19128

Locus: HLA-DQB2

Resolution: 4th field

Full typing result:

HLA-DQB2*01:01:01:15

HLA-DQB2*01:01:01:01

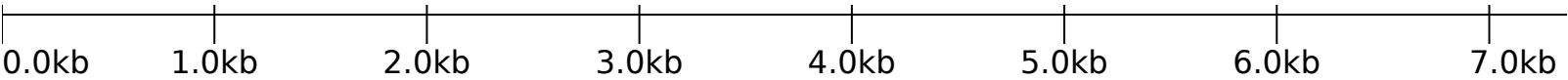
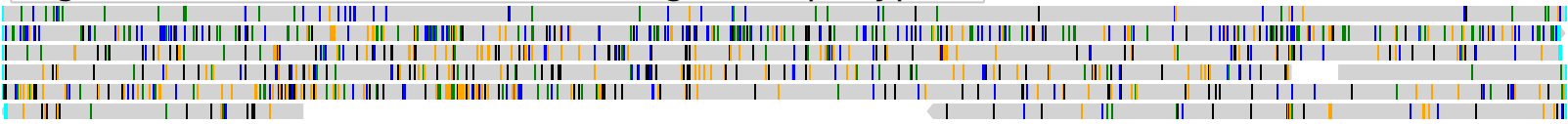
HLA-DQB2*01:01:01:02

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-DQB2*01:01:01:15 (identity: 100.00%)

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

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



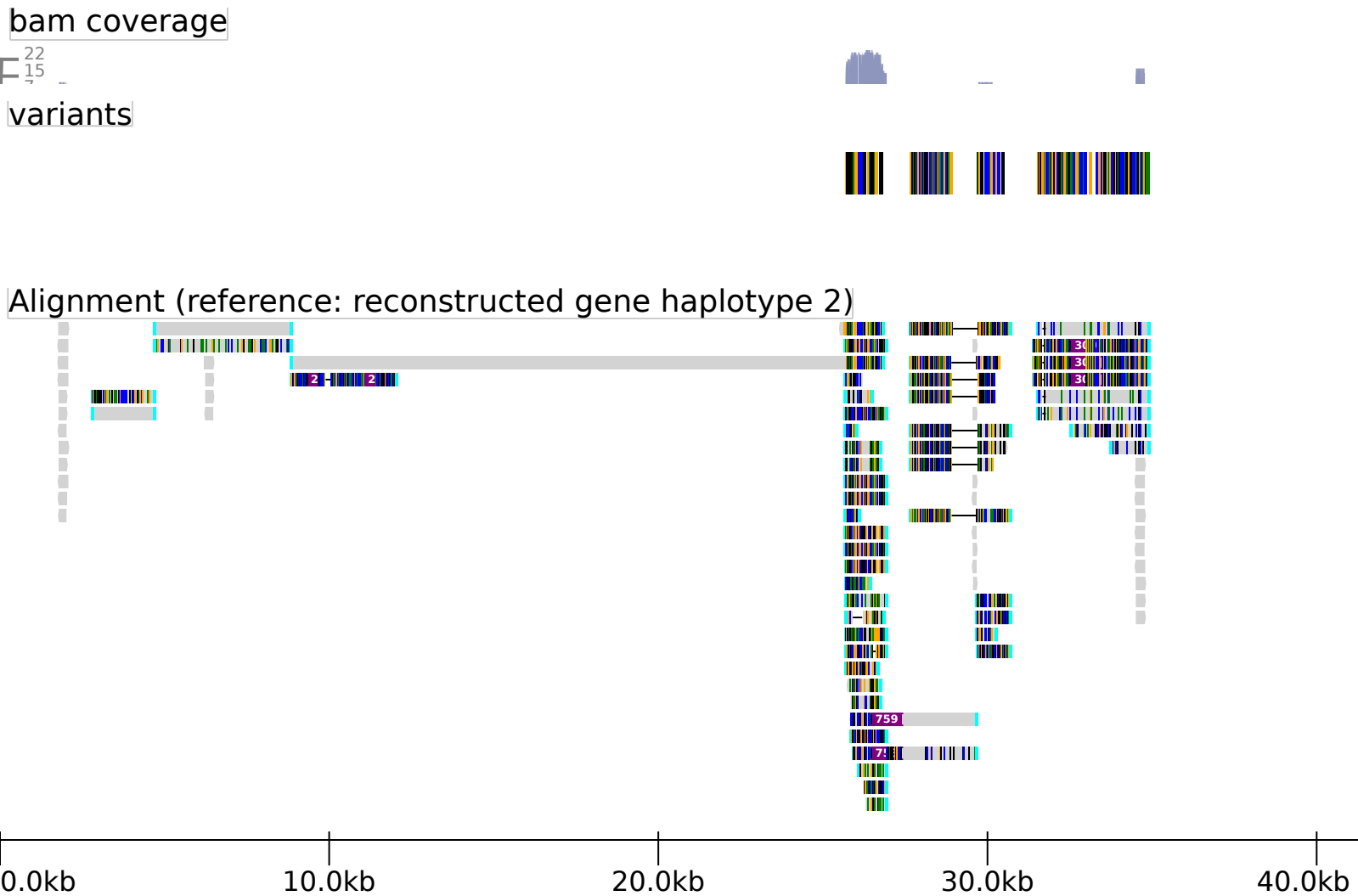
Sample: NA19128

Locus: HLA-DRB1

Resolution: 4th field

Full typing result:

HLA-DRB1*09:21:01:02 HLA-DRB1*09:01:02:04



HLA-DRB1*09:21:01:02 (identity: 41.71%)

HLA-DRB1*09:01:02:04 (identity: 41.70%)

Sample: NA19128

Locus: HLA-DRB1

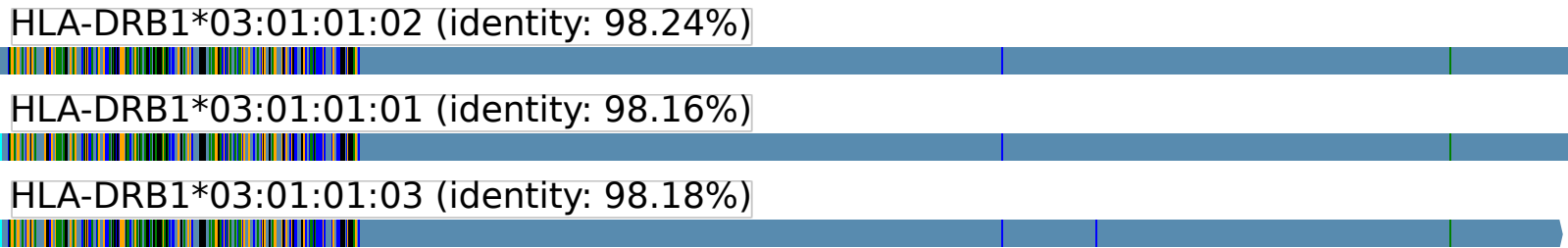
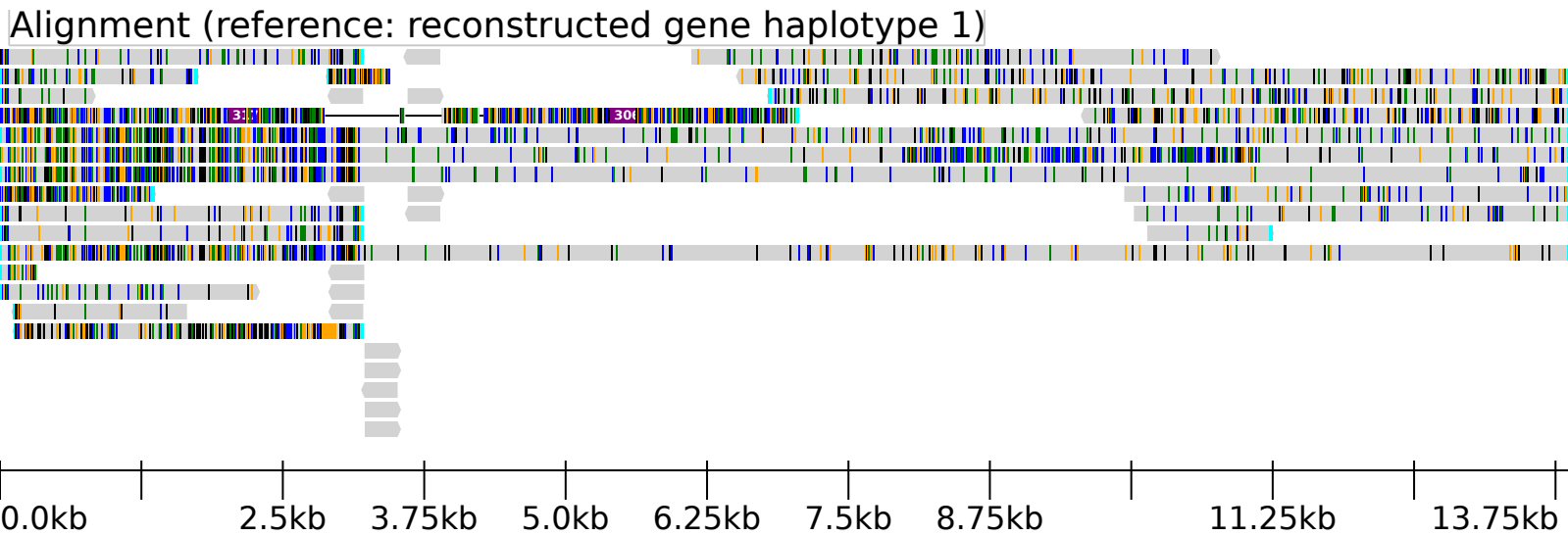
Resolution: 4th field

Full typing result:

HLA-DRB1*03:01:01:02

HLA-DRB1*03:01:01:01

HLA-DRB1*03:01:01:03



Sample: NA19128

Locus: HLA-DRB3

Resolution: 4th field

Full typing result:

HLA-DRB3*02:02:01:02

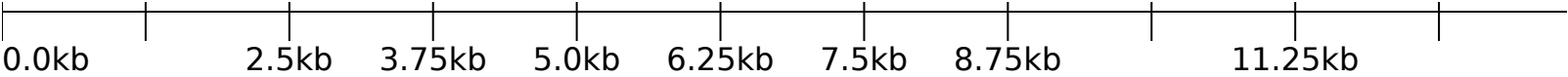
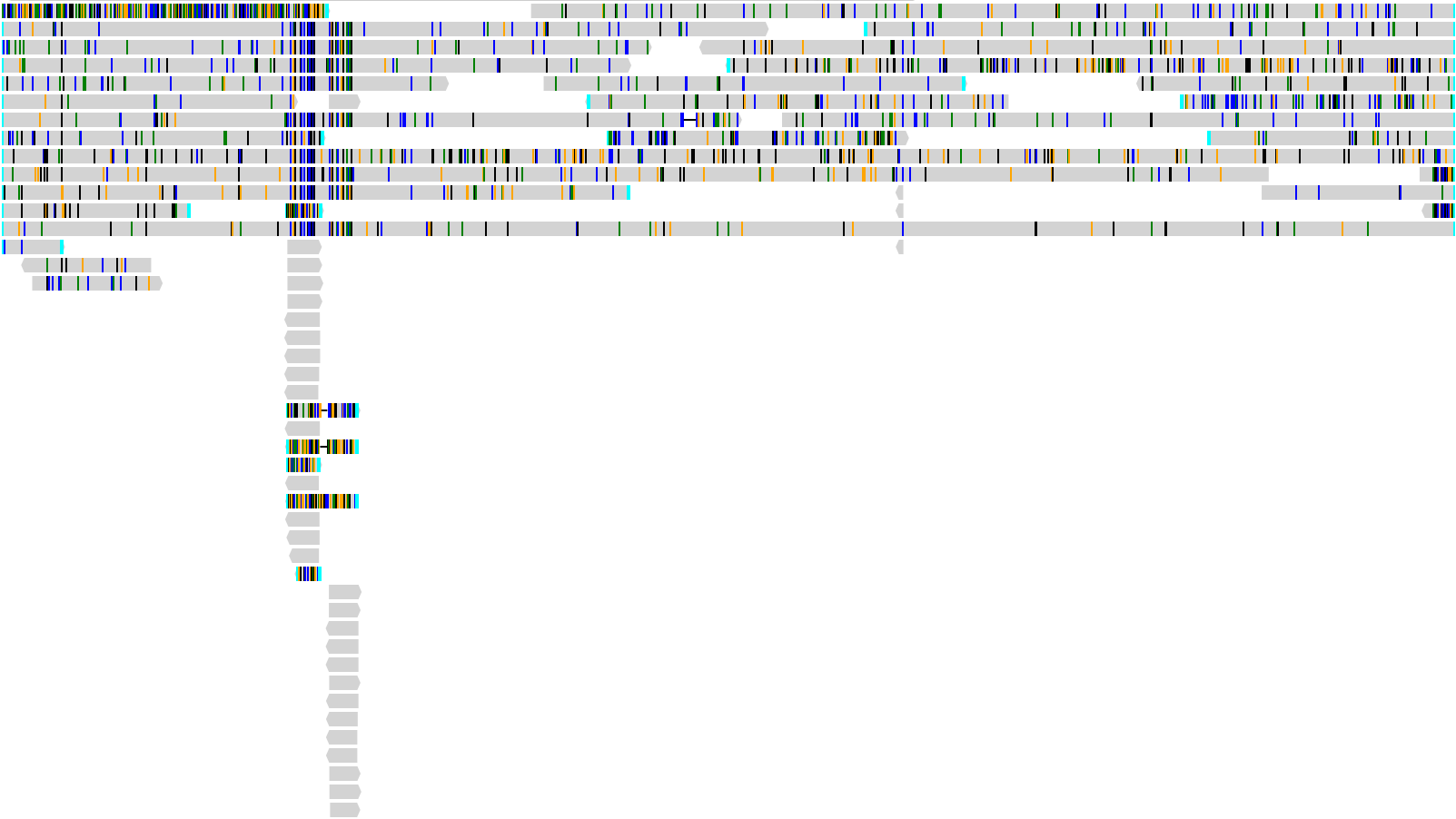
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DRB3*02:02:01:02 (identity: 99.73%)



Sample: NA19128

Locus: HLA-DRB3

Resolution: 4th field

Full typing result:

HLA-DRB3*02:02:01:01

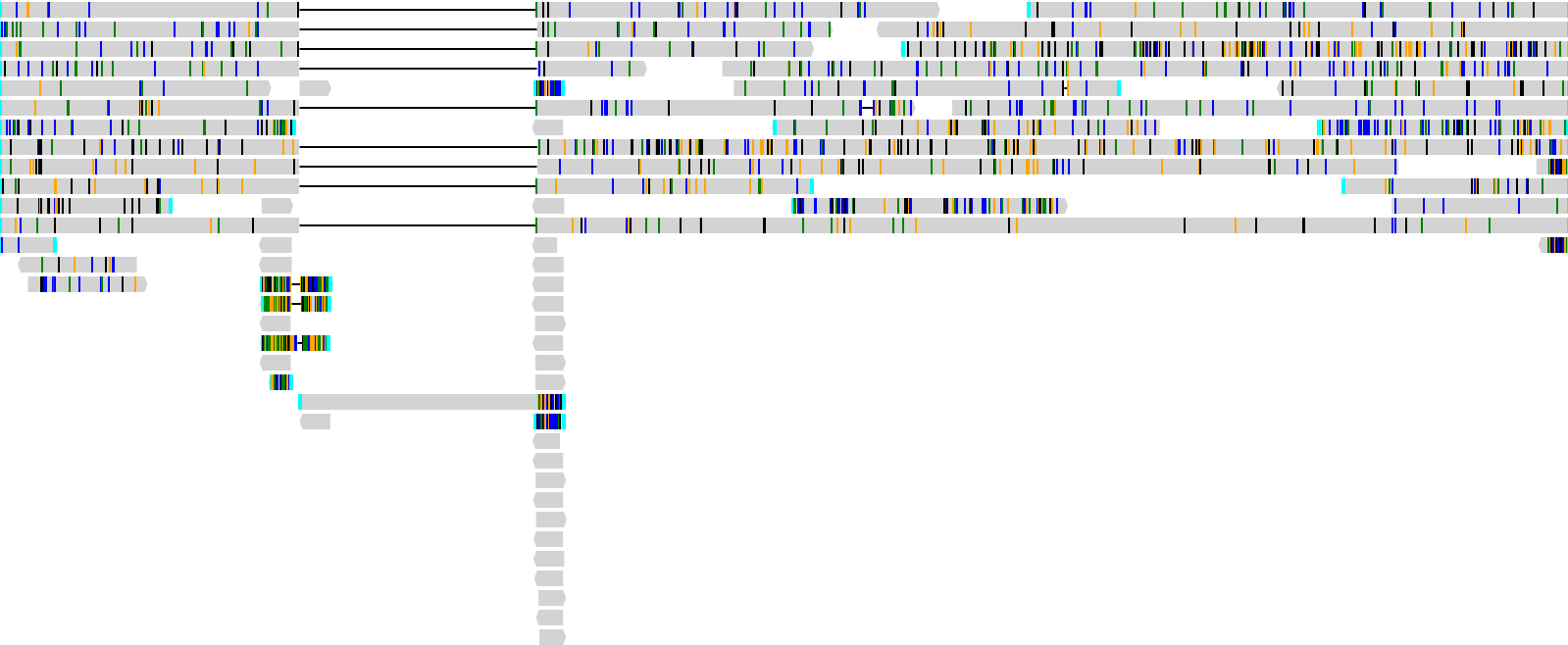
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



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

HLA-DRB3*02:02:01:01 (identity: 82.10%)



Sample: NA19128

Locus: HLA-DRB4

Resolution: 4th field

Full typing result:

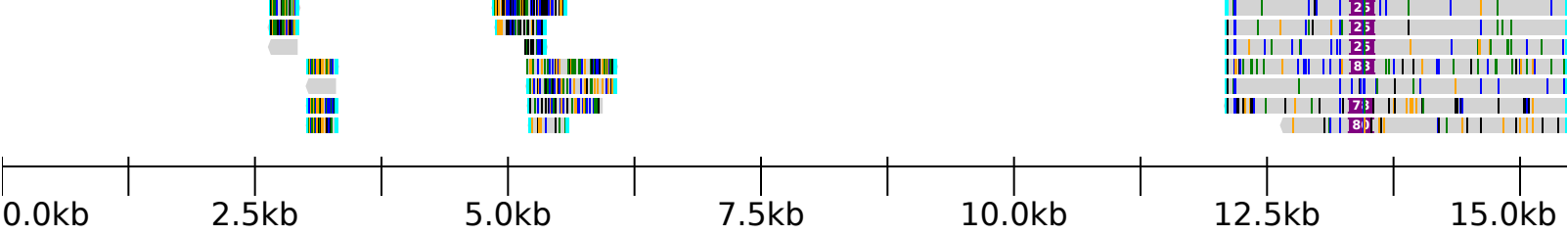
HLA-DRB4*01:03:01:01

HLA-DRB4*01:03:01:03

HLA-DRB4*01:03:01:18



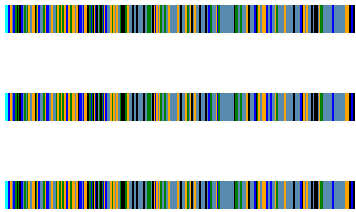
Alignment (reference: reconstructed gene haplotype 1)



HLA-DRB4*01:03:01:01 (identity: 94.02%)

HLA-DRB4*01:03:01:03 (identity: 94.02%)

HLA-DRB4*01:03:01:18 (identity: 94.02%)



Sample: NA19128

Locus: HLA-DRB4

Resolution: 4th field

Full typing result:

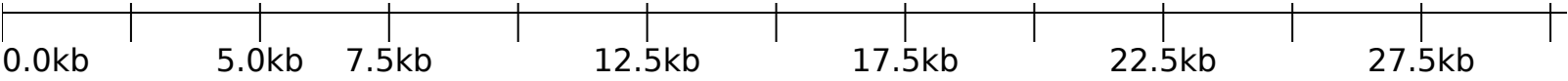
- HLA-DRB4*01:03:01:05
- HLA-DRB4*01:03:01:07
- HLA-DRB4*01:03:01:08
- HLA-DRB4*01:03:01:12
- HLA-DRB4*01:03:02:01
- HLA-DRB4*01:03:02:02
- HLA-DRB4*01:03:01:06

bam coverage

18
12

variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-DRB4*01:03:01:05 (identity: 96.71%)

HLA-DRB4*01:03:01:07 (identity: 96.71%)

HLA-DRB4*01:03:01:08 (identity: 96.71%)

HLA-DRB4*01:03:01:12 (identity: 96.71%)

HLA-DRB4*01:03:02:01 (identity: 96.71%)

HLA-DRB4*01:03:02:02 (identity: 96.71%)

HLA-DRB4*01:03:01:06 (identity: 96.62%)



Sample: NA19128

Locus: HLA-DRB5

Resolution: 4th field

Full typing result:

HLA-DRB5*01:01:01:03

bam coverage



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-DRB5*01:01:01:03 (identity: 97.42%)



Sample: NA19128

Locus: HLA-DRB5

Resolution: 4th field

Full typing result:

HLA-DRB5*01:02:01

bam coverage



variants



Sample: NA19128

Locus: HLA-E

Resolution: 4th field

Full typing result:

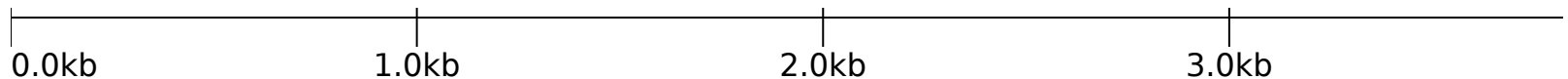
HLA-E*01:01:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA19128

Locus: HLA-E

Resolution: 4th field

Full typing result:

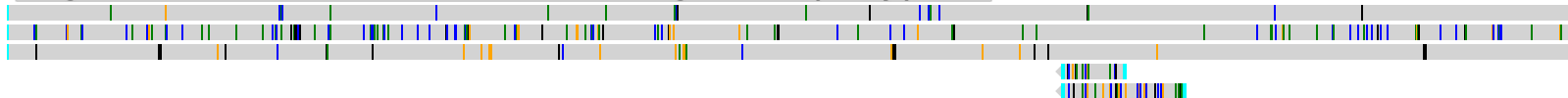
HLA-E*01:03:02:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

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

Sample: NA19128

Locus: HLA-F

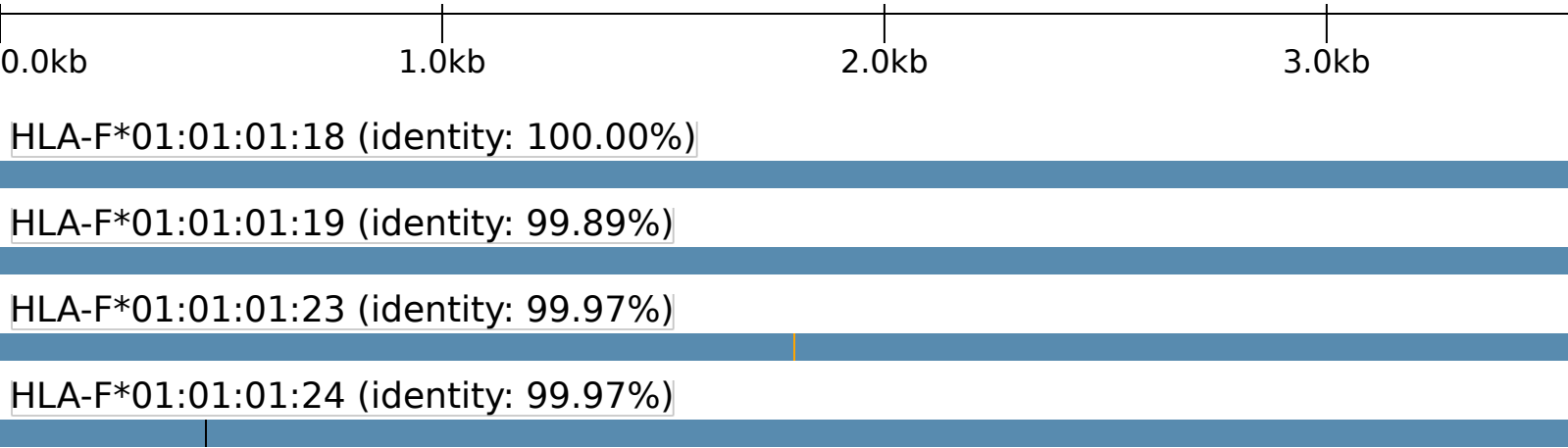
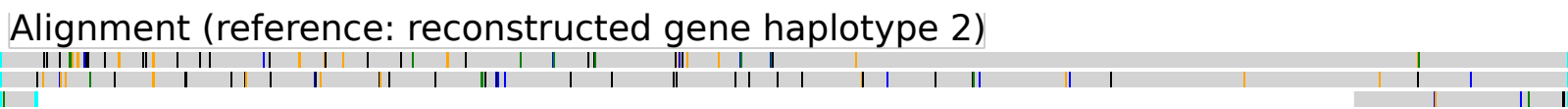
Resolution: 4th field

Full typing result:

- HLA-F*01:01:01:18
- HLA-F*01:01:01:19
- HLA-F*01:01:01:23
- HLA-F*01:01:01:24



variants



Sample: NA19128

Locus: HLA-F

Resolution: 4th field

Full typing result:

HLA-F*01:03:01:03

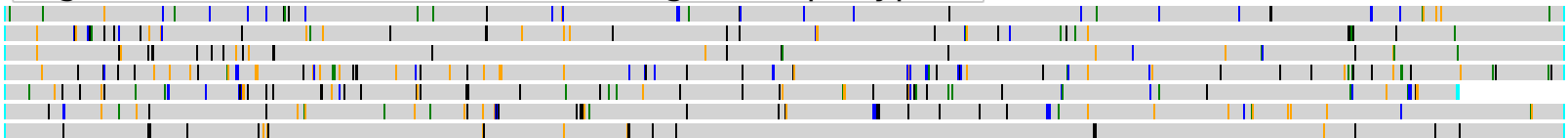
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

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

Sample: NA19128

Locus: HLA-G

Resolution: 4th field

Full typing result:

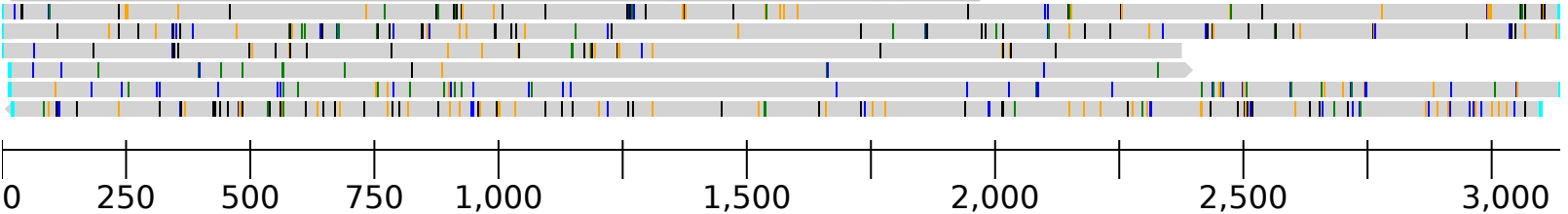
HLA-G*01:04:04:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-G*01:04:04:01 (identity: 99.97%)

Sample: NA19128

Locus: HLA-J

Resolution: 4th field

Full typing result:

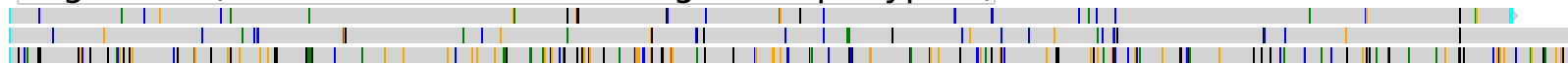
HLA-J*01:01:01:04

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

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

Sample: NA19128

Locus: HLA-J

Resolution: 4th field

Full typing result:

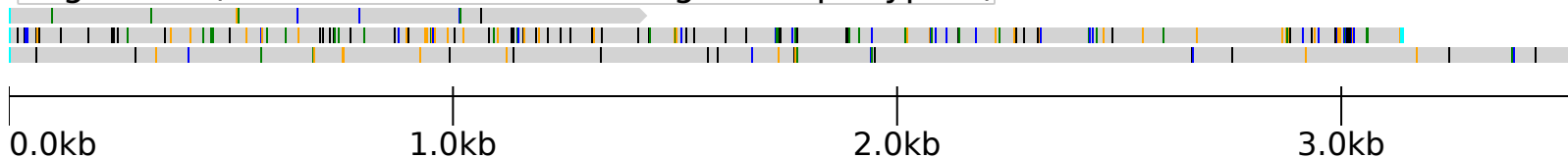
HLA-J*01:01:01:09

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-J*01:01:01:09 (identity: 100.00%)

Sample: NA19128

Locus: HLA-K

Resolution: 4th field

Full typing result:

HLA-K*01:02

bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-K*01:02 (identity: 99.77%)



Sample: NA19128

Locus: HLA-L

Resolution: 4th field

Full typing result:

HLA-L*01:01:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

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

Sample: NA19128

Locus: HLA-L

Resolution: 4th field

Full typing result:

HLA-L*01:03

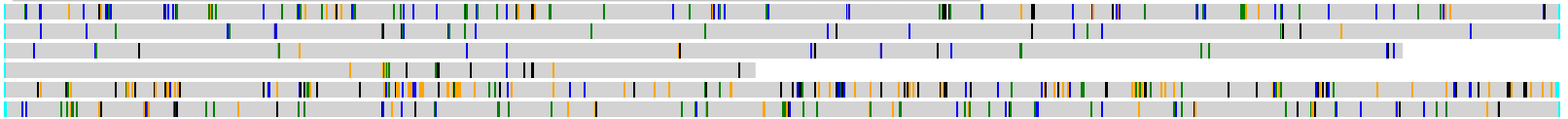
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-L*01:03 (identity: 99.81%)



Sample: NA19128

Locus: HLA-P

Resolution: 4th field

Full typing result:

HLA-P*01:02

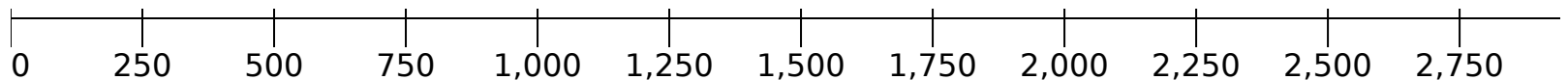
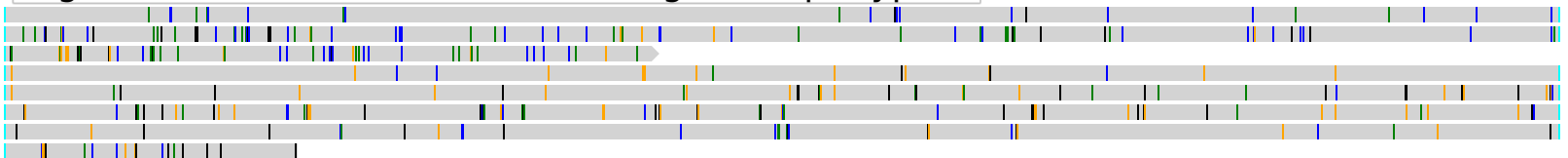
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA19128

Locus: HLA-P

Resolution: 4th field

Full typing result:

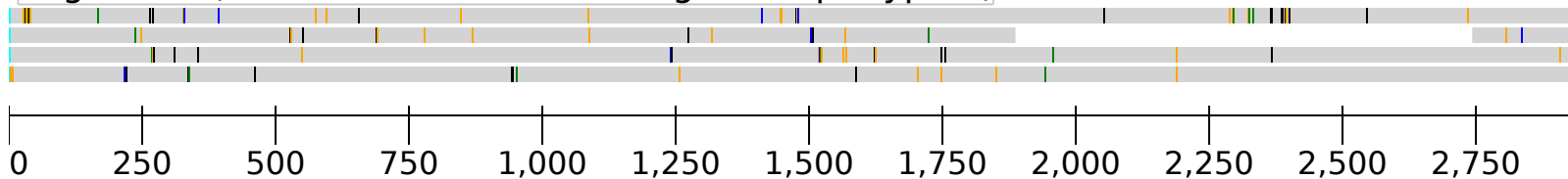
HLA-P*01:01:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-P*01:01:01:01 (identity: 98.98%)



Sample: NA19128

Locus: HLA-T

Resolution: 4th field

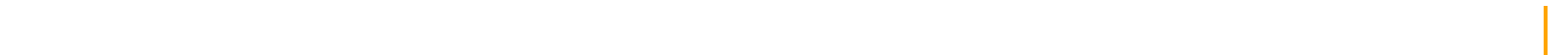
Full typing result:

HLA-T*01:01:01:01

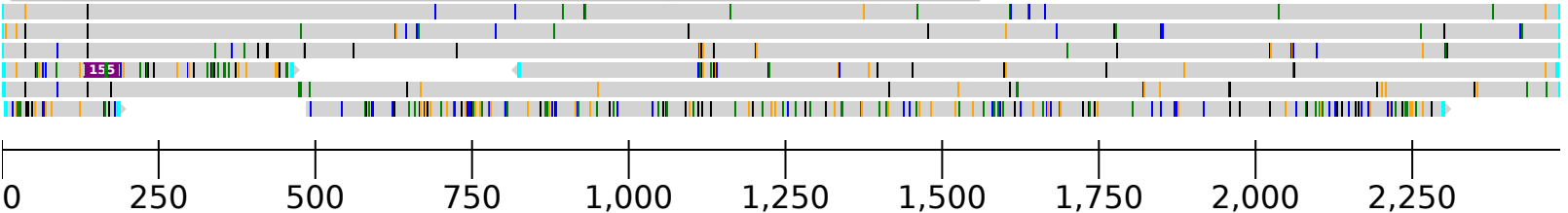
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-T*01:01:01:01 (identity: 99.92%)



Sample: NA19128

Locus: HLA-U

Resolution: 4th field

Full typing result:

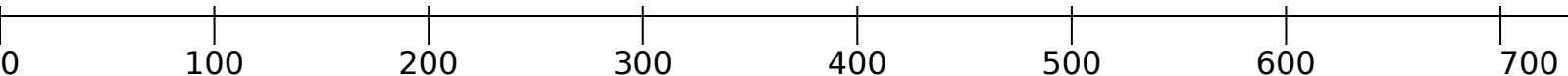
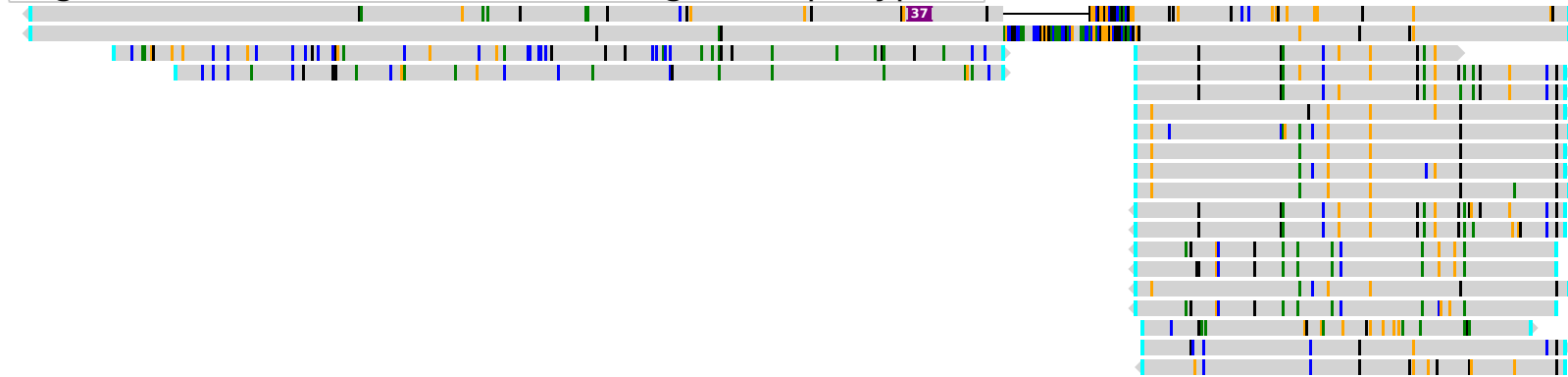
HLA-U*01:03

bam coverage

17
11

variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-U*01:03 (identity: 91.78%)



Sample: NA19128

Locus: HLA-V

Resolution: 4th field

Full typing result:

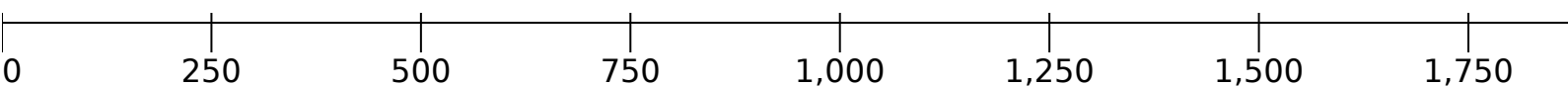
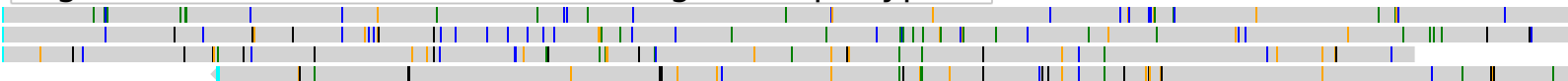
HLA-V*01:01:01:03

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA19128

Locus: HLA-W

Resolution: 4th field

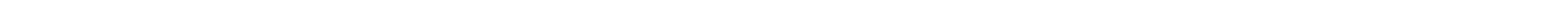
Full typing result:

HLA-W*05:02

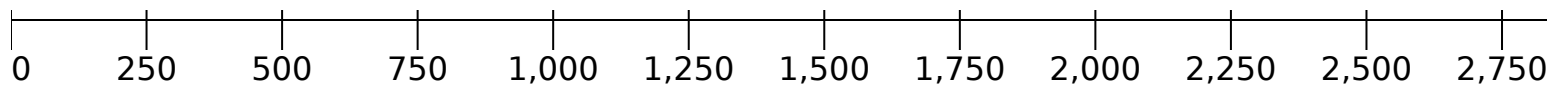
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-W*05:02 (identity: 99.93%)



Sample: NA19128

Locus: HLA-W

Resolution: 4th field

Full typing result:

HLA-W*01:01:01:02

HLA-W*01:01:01:01

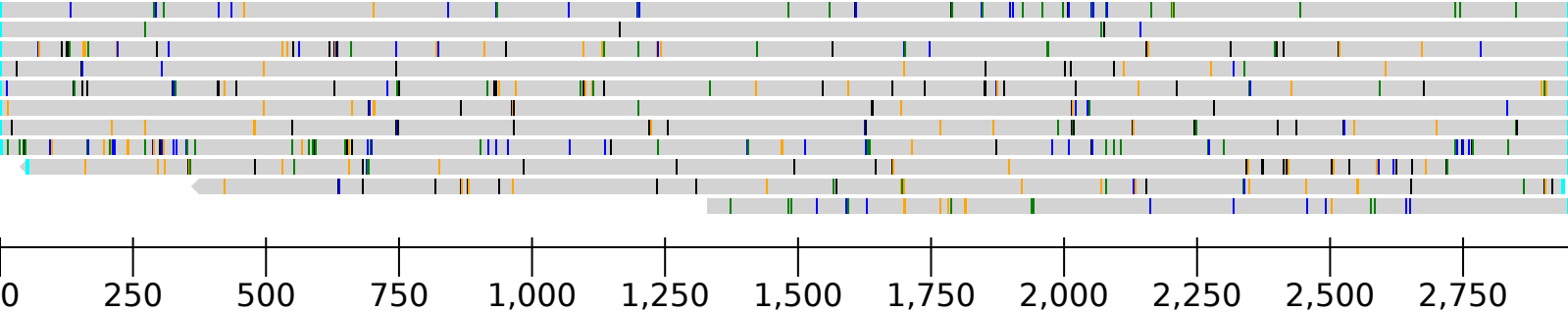
HLA-W*01:01:01:06

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-W*01:01:01:02 (identity: 99.86%)



HLA-W*01:01:01:01 (identity: 99.13%)



HLA-W*01:01:01:06 (identity: 99.83%)



Sample: NA19128

Locus: MICA

Resolution: 4th field

Full typing result:

MICA*008:04:01

MICA*285

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

MICA*008:04:01 (identity: 99.75%)

MICA*285 (identity: 99.74%)

Sample: NA19128

Locus: MICA

Resolution: 4th field

Full typing result:

MICA*008:13

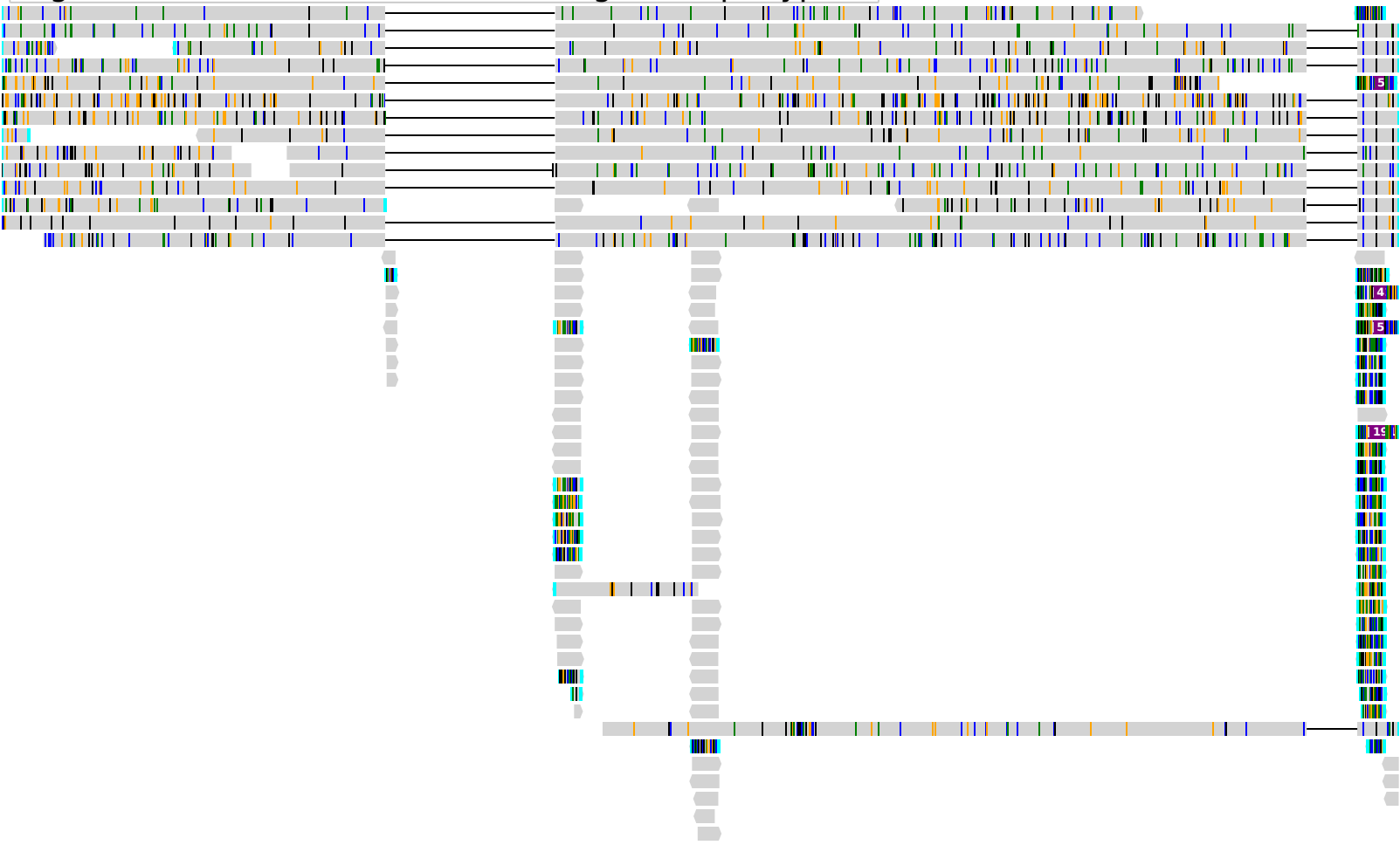
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



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

MICA*008:13 (identity: 84.77%)



Sample: NA19128

Locus: MICB

Resolution: 4th field

Full typing result:

MICB*052

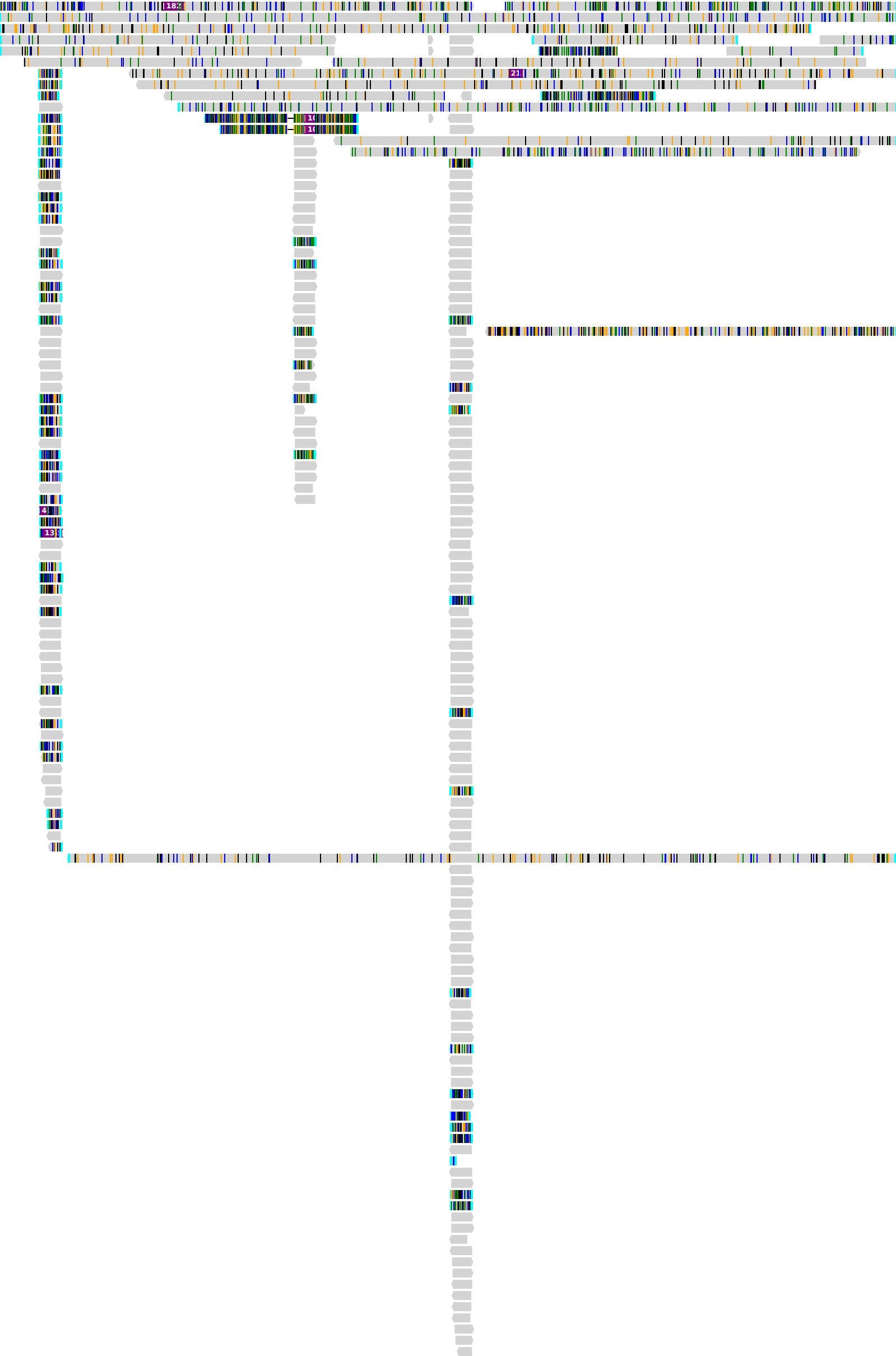
bam coverage



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*052 (identity: 99.98%)



Sample: NA19128

Locus: TAP1

Resolution: 4th field

Full typing result:

TAP1*01:01:01:01

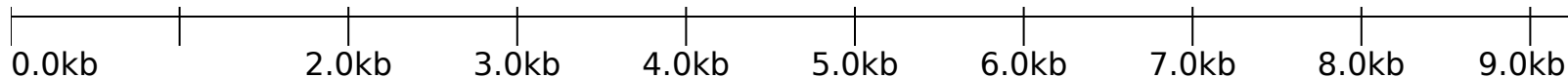
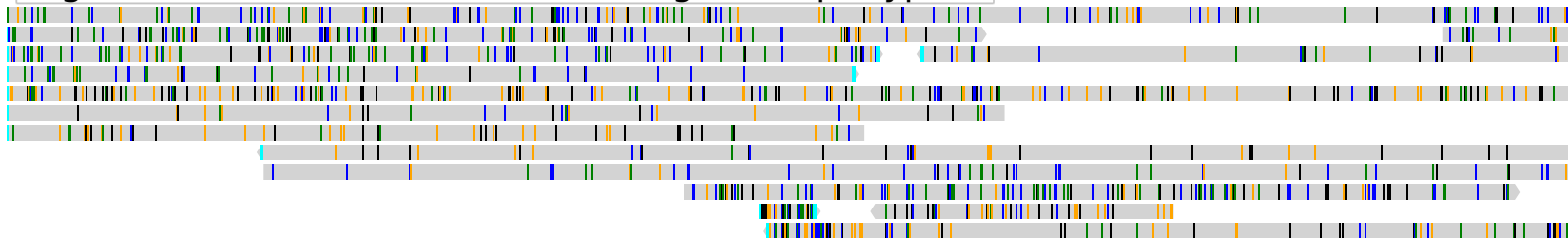
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



TAP1*01:01:01:01 (identity: 99.96%)



Sample: NA19128

Locus: TAP1

Resolution: 4th field

Full typing result:

TAP1*01:01:01:04 TAP1*01:01:01:05 TAP1*01:01:01:02

TAP1*01:01:01:01 TAP1*06:01

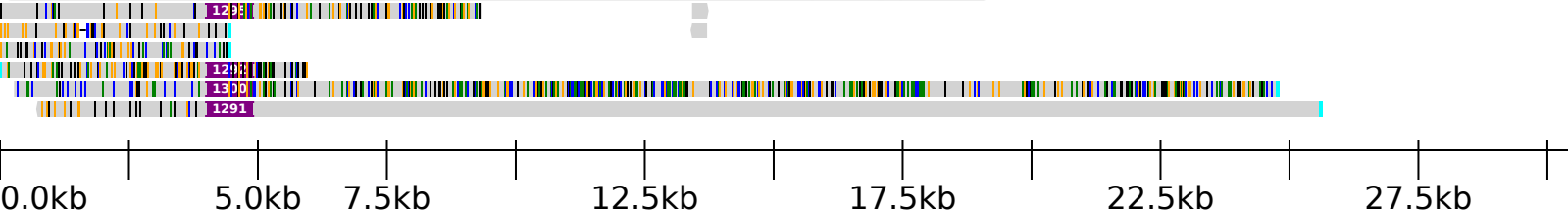
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



TAP1*01:01:01:04 (identity: 83.76%)



TAP1*01:01:01:05 (identity: 83.77%)



TAP1*01:01:01:02 (identity: 83.76%)



TAP1*01:01:01:01 (identity: 83.76%)



TAP1*06:01 (identity: 83.75%)



Sample: NA19128

Locus: TAP2

Resolution: 4th field

Full typing result:

TAP2*01:01:03:01

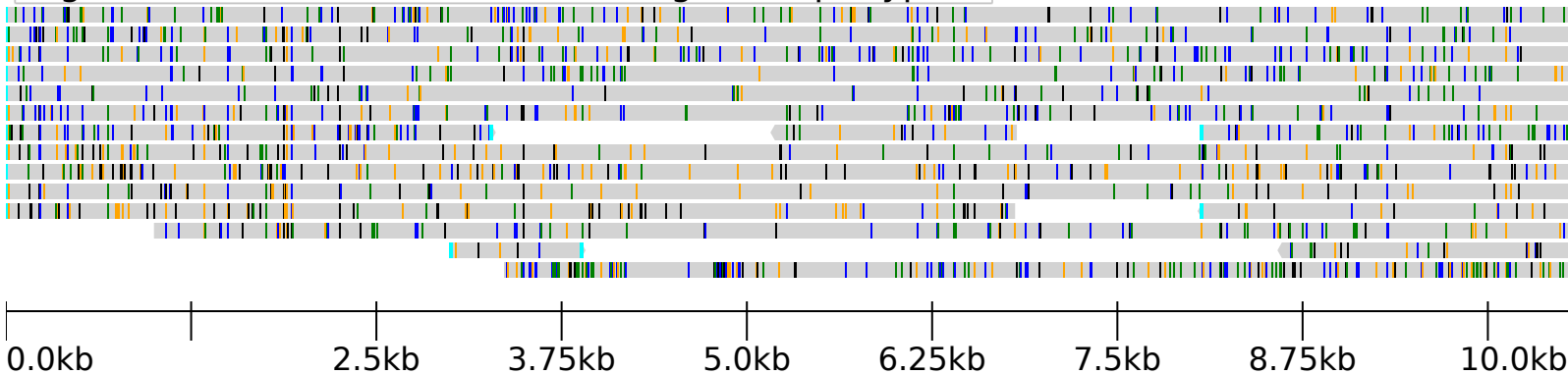
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



TAP2*01:01:03:01 (identity: 99.93%)



Sample: NA19128

Locus: TAP2

Resolution: 4th field

Full typing result:

TAP2*01:04:01:01

TAP2*01:01:03:02

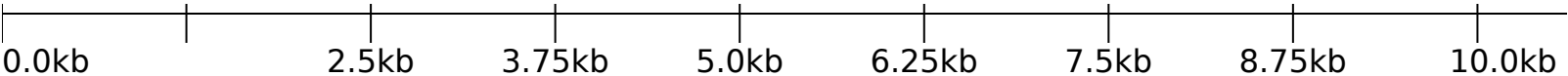
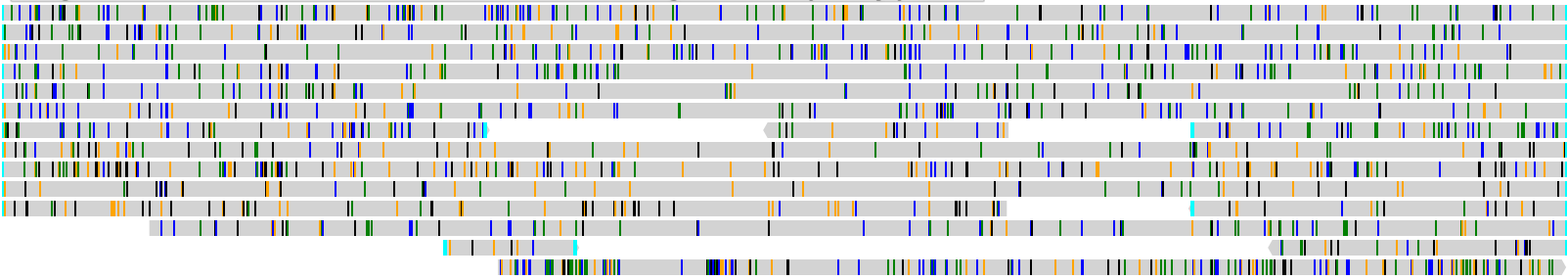
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



TAP2*01:04:01:01 (identity: 99.76%)



TAP2*01:01:03:02 (identity: 99.82%)

