

Sample: NA12889

Locus: HFE

Resolution: 4th field

Full typing result:

HFE*001:01:03

HFE*001:01:02

bam coverage

5
3

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb

1.0kb

2.0kb

3.0kb

4.0kb

5.0kb

6.0kb

7.0kb

HFE*001:01:03 (identity: 100.00%)

HFE*001:01:02 (identity: 100.00%)

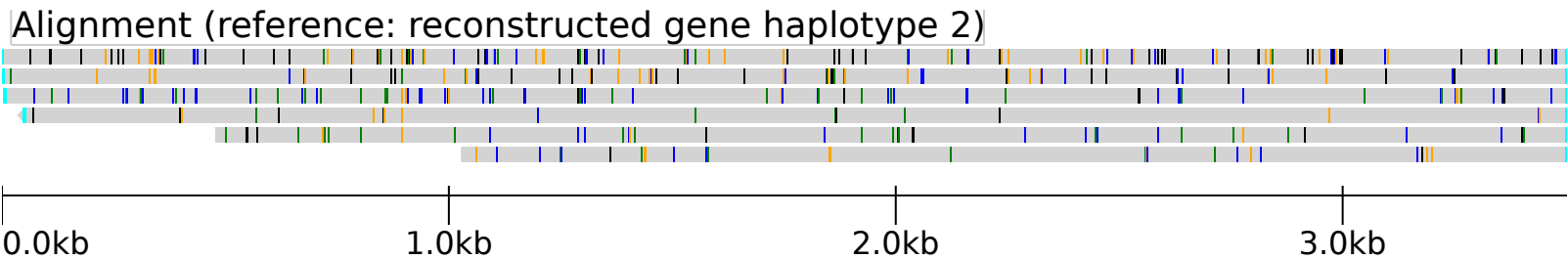
Sample: NA12889

Locus: HLA-A

Resolution: 4th field

Full typing result:

- HLA-A*03:01:01:01HLA-A*03:402NHLA-A*03:408N
- HLA-A*03:01:01:119HLA-A*03:01:01:55HLA-A*03:334N
- HLA-A*03:01:01:03HLA-A*03:01:01:05HLA-A*03:01:01:08
- HLA-A*03:01:01:117HLA-A*03:01:01:118HLA-A*03:01:01:16
- HLA-A*03:01:01:24HLA-A*03:01:01:72HLA-A*03:01:01:89



HLA-A*03:01:01:01 (identity: 99.97%)	
HLA-A*03:402N (identity: 99.86%)	
HLA-A*03:408N (identity: 99.86%)	
HLA-A*03:01:01:119 (identity: 99.94%)	
HLA-A*03:01:01:55 (identity: 99.94%)	
HLA-A*03:334N (identity: 99.94%)	
HLA-A*03:01:01:03 (identity: 99.94%)	
HLA-A*03:01:01:05 (identity: 99.94%)	
HLA-A*03:01:01:08 (identity: 99.94%)	
HLA-A*03:01:01:117 (identity: 99.94%)	

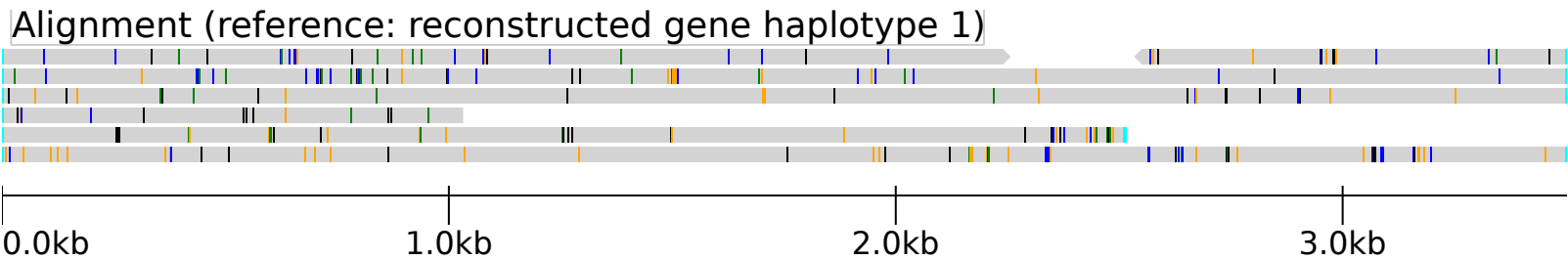
Sample: NA12889

Locus: HLA-A

Resolution: 4th field

Full typing result:

- HLA-A*03:01:01:01HLA-A*03:402NHLA-A*03:408N
- HLA-A*03:01:01:119HLA-A*03:01:01:55HLA-A*03:334N
- HLA-A*03:01:01:03HLA-A*03:01:01:05HLA-A*03:01:01:08
- HLA-A*03:01:01:117HLA-A*03:01:01:118HLA-A*03:01:01:16
- HLA-A*03:01:01:24HLA-A*03:01:01:72HLA-A*03:01:01:89



HLA-A*03:01:01:01 (identity: 99.97%)
HLA-A*03:402N (identity: 99.86%)
HLA-A*03:408N (identity: 99.86%)
HLA-A*03:01:01:119 (identity: 99.94%)
HLA-A*03:01:01:55 (identity: 99.94%)
HLA-A*03:334N (identity: 99.94%)
HLA-A*03:01:01:03 (identity: 99.94%)
HLA-A*03:01:01:05 (identity: 99.94%)
HLA-A*03:01:01:08 (identity: 99.94%)
HLA-A*03:01:01:117 (identity: 99.94%)

Sample: NA12889

Locus: HLA-B

Resolution: 4th field

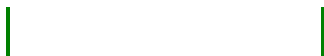
Full typing result:

HLA-B*44:02:01:01

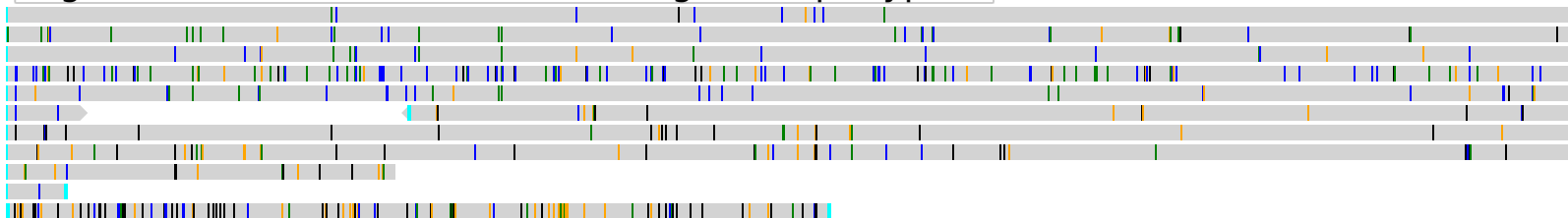
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

4.0kb

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

Sample: NA12889

Locus: HLA-B

Resolution: 4th field

Full typing result:

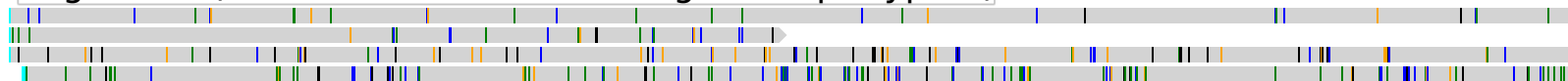
HLA-B*07:02:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

4.0kb

HLA-B*07:02:01:01 (identity: 99.98%)

Sample: NA12889

Locus: HLA-C

Resolution: 4th field

Full typing result:

HLA-C*07:02:01:03 HLA-C*07:02:01:124Q HLA-C*07:234

HLA-C*07:46 HLA-C*07:37:01:02 HLA-C*07:02:08

HLA-C*07:02:01:115 HLA-C*07:02:01:134 HLA-C*07:02:01:135

HLA-C*07:02:01:184

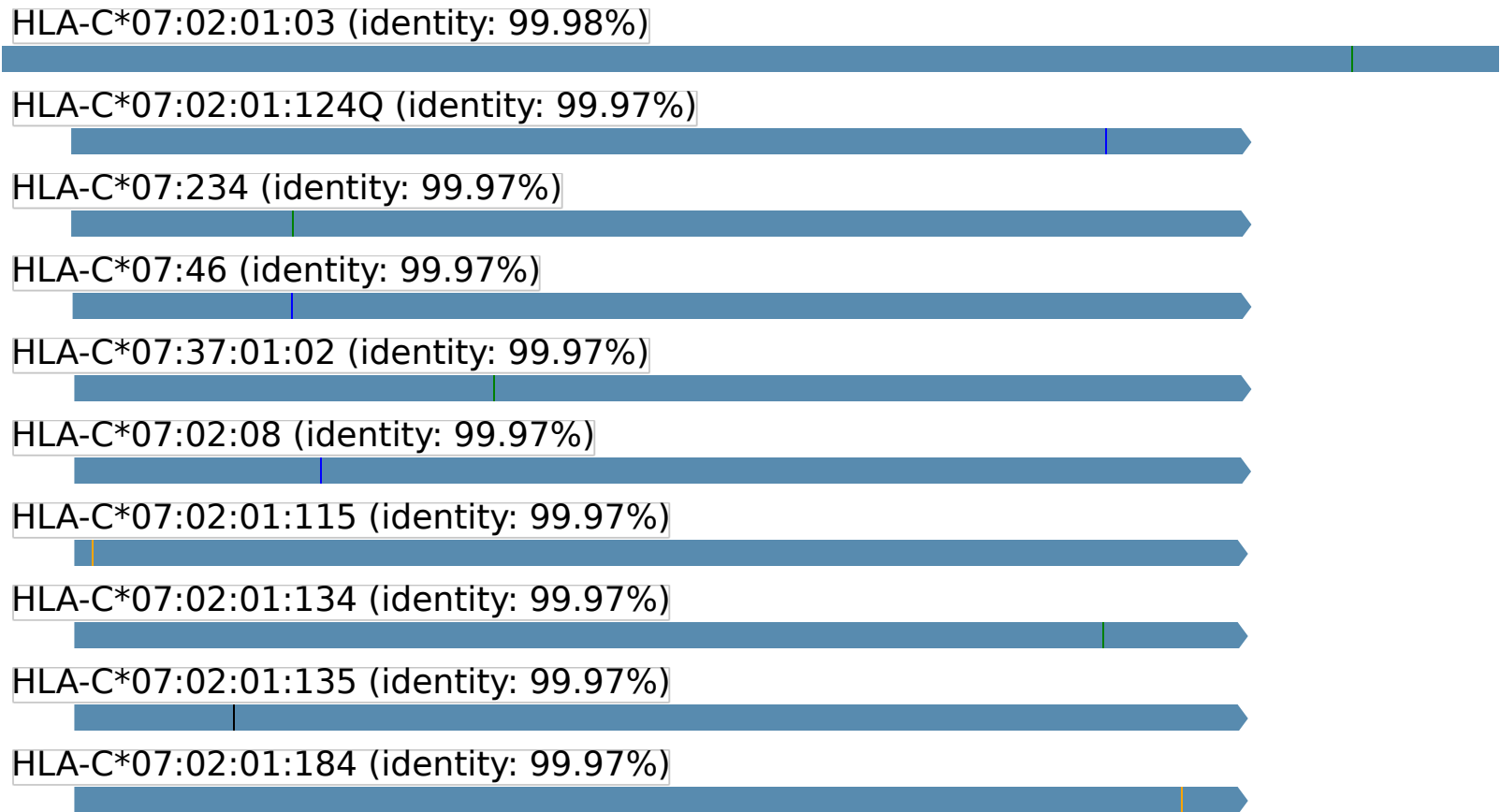
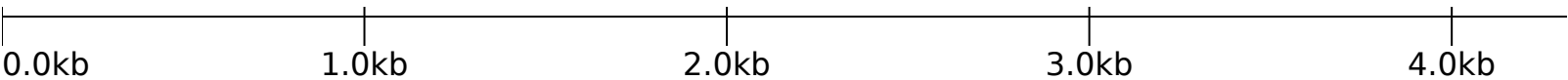
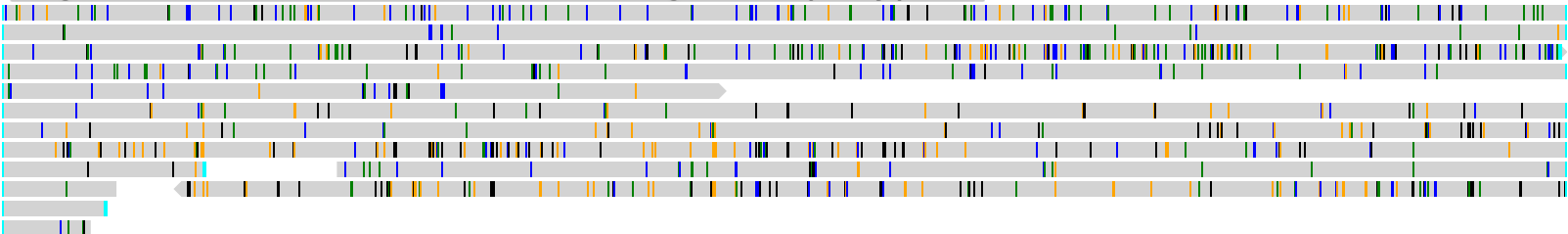
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



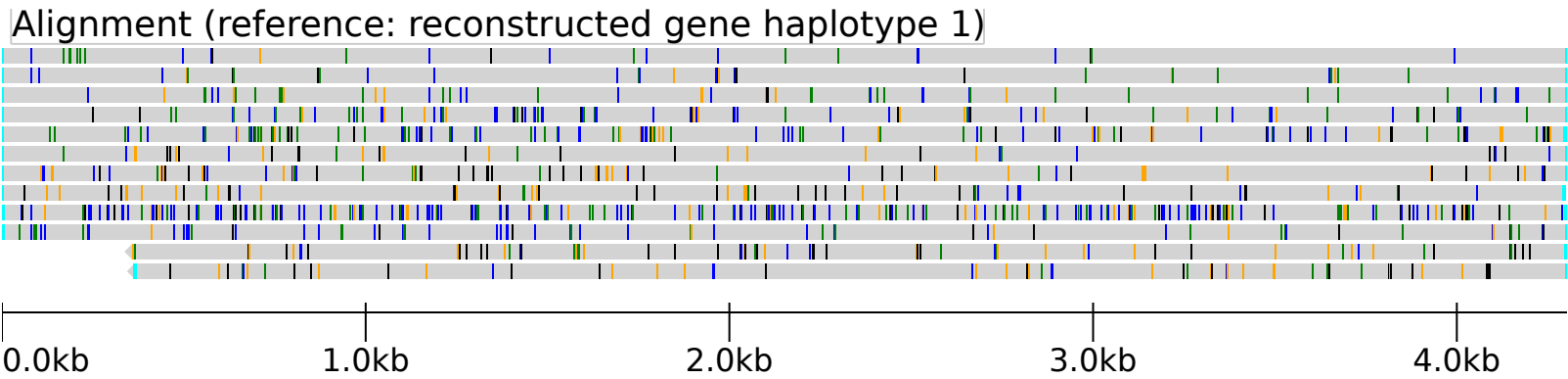
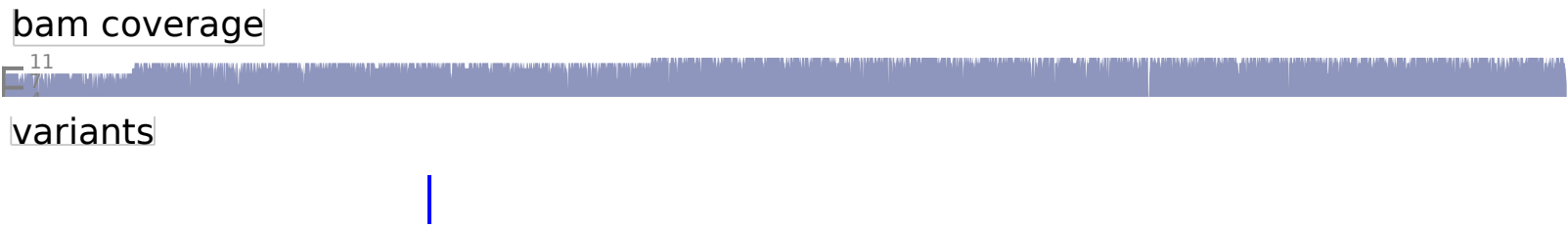
Sample: NA12889

Locus: HLA-C

Resolution: 4th field

Full typing result:

- HLA-C*05:01:01:02
- HLA-C*05:01:01:01
- HLA-C*05:01:01:81Q
- HLA-C*05:01:01:83
- HLA-C*05:01:11
- HLA-C*05:36
- HLA-C*05:01:02
- HLA-C*05:08
- HLA-C*05:09:01
- HLA-C*05:35



- HLA-C*05:01:01:02 (identity: 100.00%)
- HLA-C*05:01:01:01 (identity: 99.98%)
- HLA-C*05:01:01:81Q (identity: 99.98%)
- HLA-C*05:01:01:83 (identity: 99.95%)
- HLA-C*05:01:11 (identity: 99.98%)
- HLA-C*05:36 (identity: 99.98%)
- HLA-C*05:01:02 (identity: 99.98%)
- HLA-C*05:08 (identity: 99.98%)
- HLA-C*05:09:01 (identity: 99.98%)
- HLA-C*05:35 (identity: 99.98%)

Sample: NA12889

Locus: HLA-DMA

Resolution: 4th field

Full typing result:

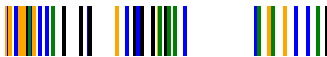
HLA-DMA*01:01:01:02

HLA-DMA*01:01:01:04

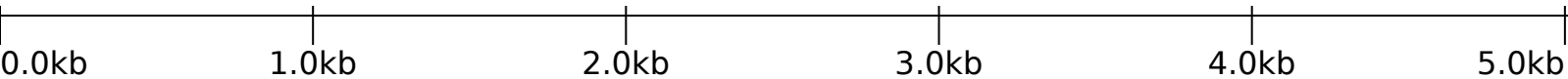
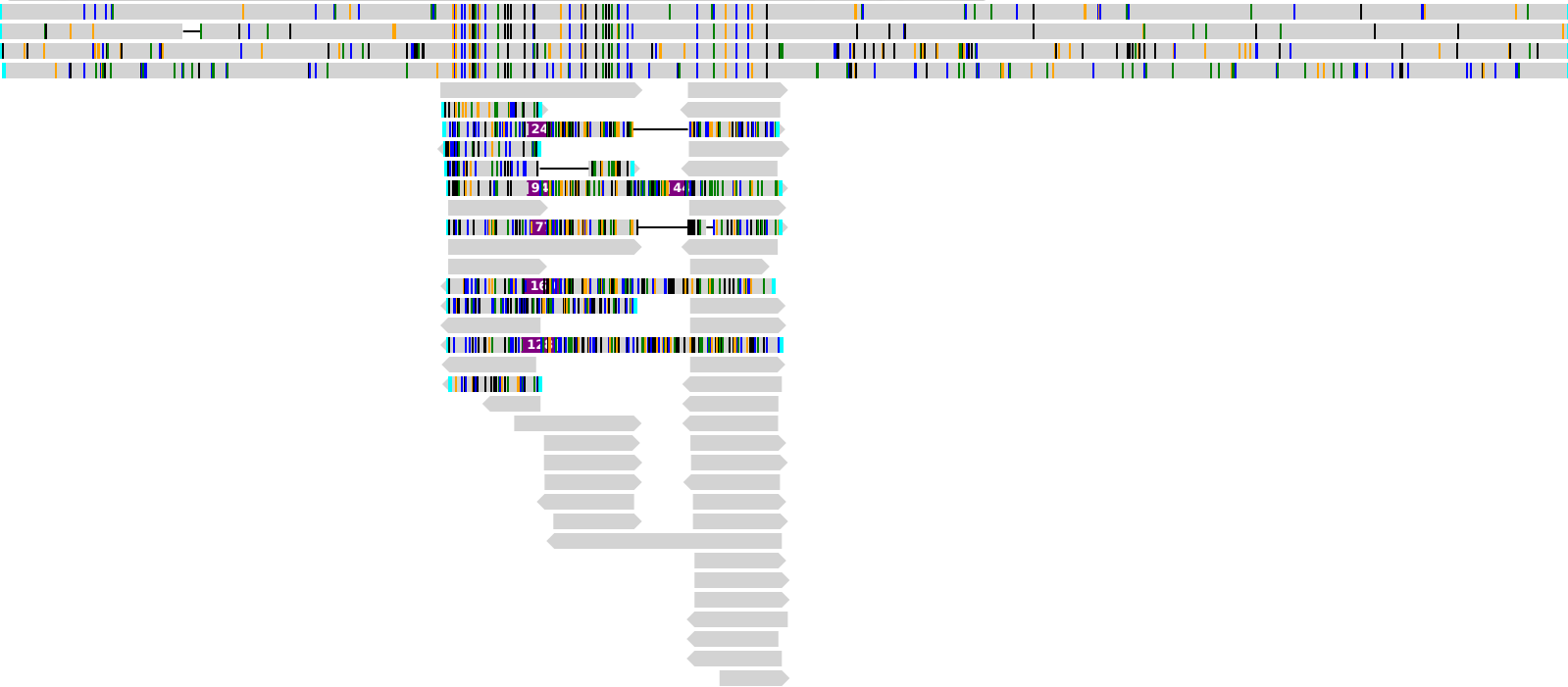
bam coverage

30
20
10

variants

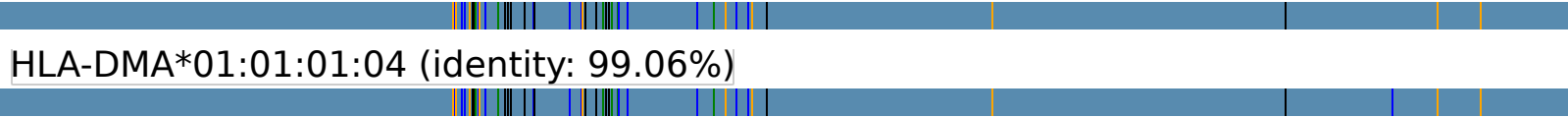


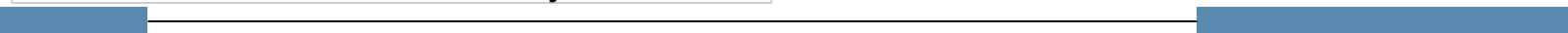
Alignment (reference: reconstructed gene haplotype 2)



HLA-DMA*01:01:01:02 (identity: 99.08%)

HLA-DMA*01:01:01:04 (identity: 99.06%)





Sample: NA12889

Locus: HLA-DMB

Resolution: 4th field

Full typing result:

HLA-DMB*01:03:01:03

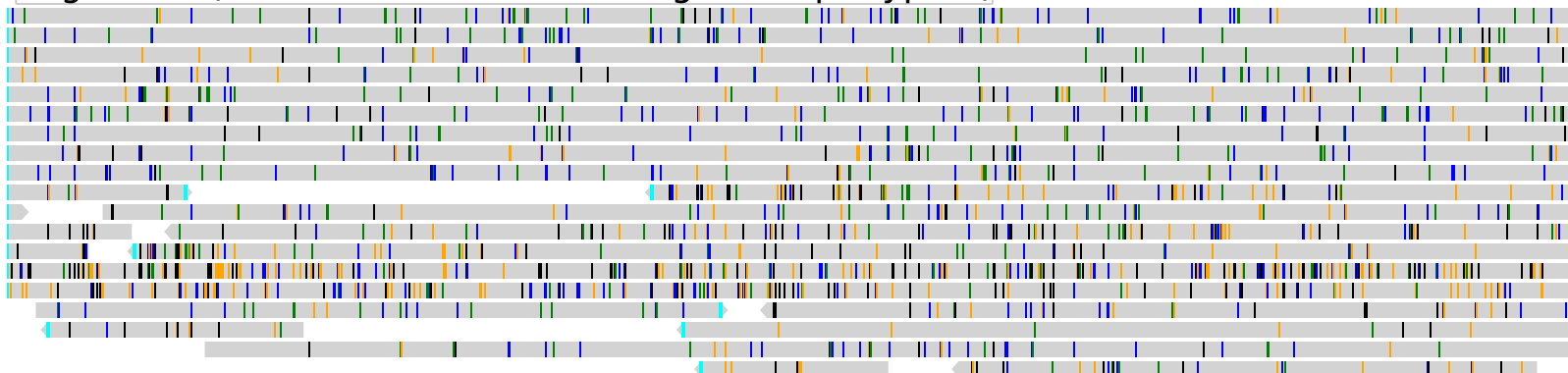
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

4.0kb

5.0kb

6.0kb

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



Sample: NA12889

Locus: HLA-DMB

Resolution: 4th field

Full typing result:

- HLA-DMB*01:01:01:02
- HLA-DMB*01:03:01:03
- HLA-DMB*01:01:01:48
- HLA-DMB*01:02:01:04
- HLA-DMB*01:01:01:01
- HLA-DMB*01:01:01:04
- HLA-DMB*01:02:01:05
- HLA-DMB*01:01:01:49
- HLA-DMB*01:01:01:03
- HLA-DMB*01:03:01:02
- HLA-DMB*01:01:01:45
- HLA-DMB*01:01:01:46
- HLA-DMB*01:01:01:47

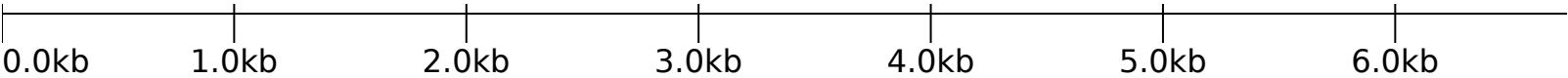
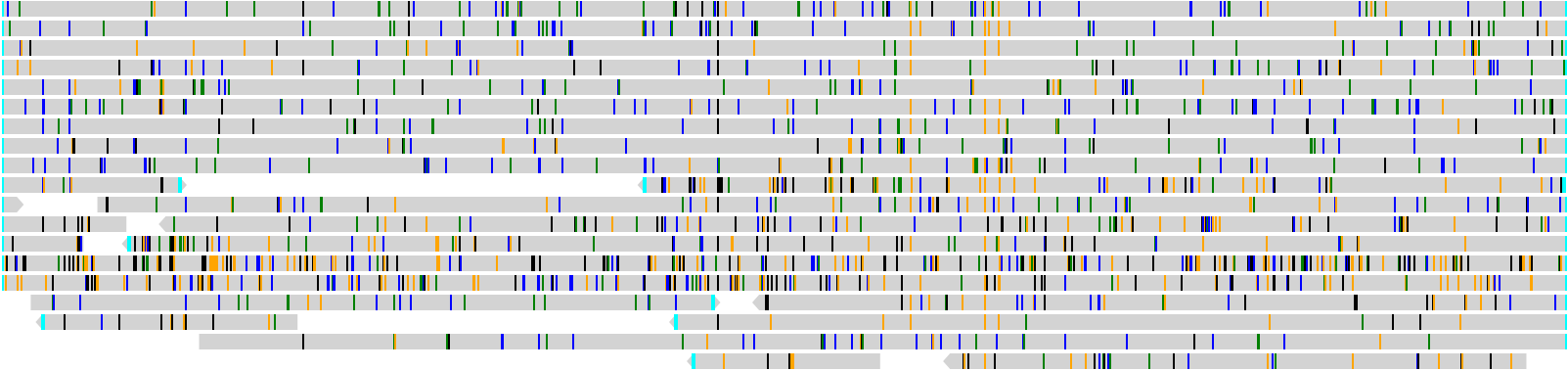
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



- HLA-DMB*01:01:01:02 (identity: 99.94%)
- HLA-DMB*01:03:01:03 (identity: 99.94%)
- HLA-DMB*01:01:01:48 (identity: 99.94%)
- HLA-DMB*01:02:01:04 (identity: 99.94%)
- HLA-DMB*01:01:01:01 (identity: 99.93%)
- HLA-DMB*01:01:01:04 (identity: 99.93%)
- HLA-DMB*01:02:01:05 (identity: 99.93%)
- HLA-DMB*01:01:01:49 (identity: 99.93%)
- HLA-DMB*01:01:01:03 (identity: 99.91%)
- HLA-DMB*01:03:01:02 (identity: 99.91%)

Sample: NA12889

Locus: HLA-DOA

Resolution: 4th field

Full typing result:

HLA-DOA*01:01:02:02

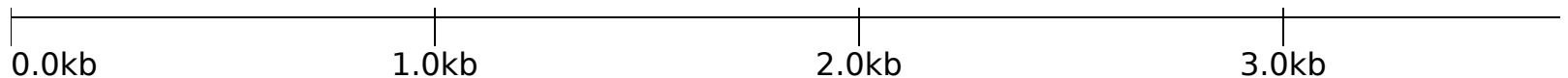
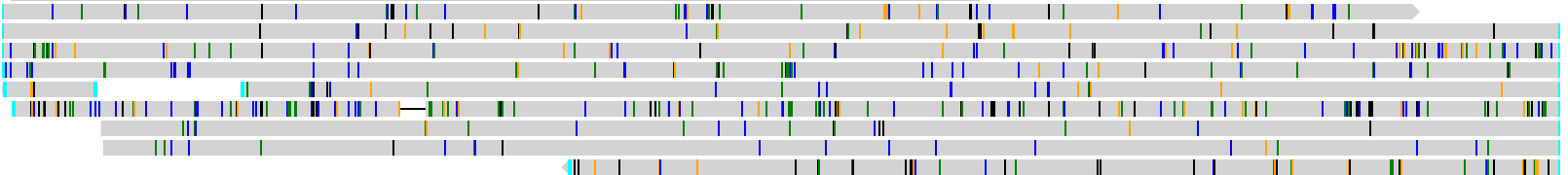
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA12889

Locus: HLA-DOA

Resolution: 4th field

Full typing result:

HLA-DOA*01:01:02:45

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-DOA*01:01:02:45 (identity: 100.00%)

Sample: NA12889

Locus: HLA-DOB

Resolution: 4th field

Full typing result:

HLA-DOB*01:01:01:01

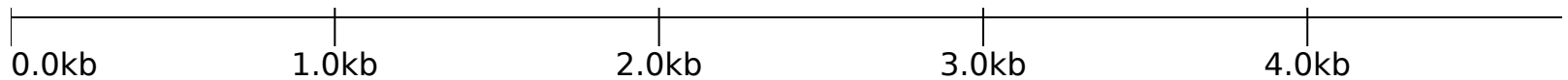
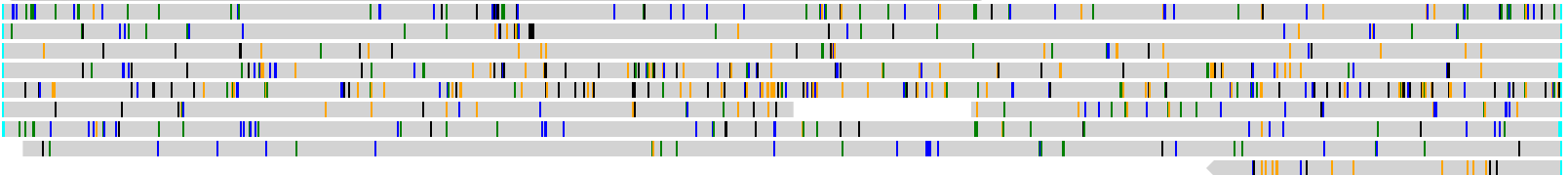
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



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



Sample: NA12889

Locus: HLA-DOB

Resolution: 4th field

Full typing result:

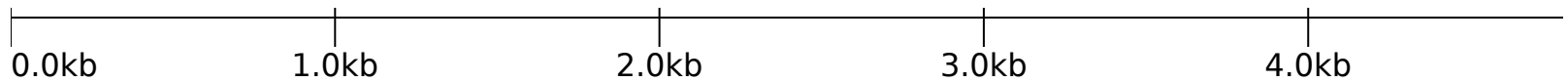
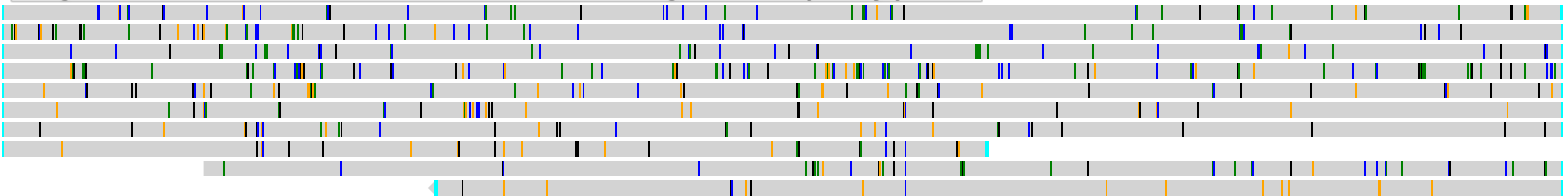
HLA-DOB*01:01:01:03

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA12889

Locus: HLA-DPA1

Resolution: 4th field

Full typing result:

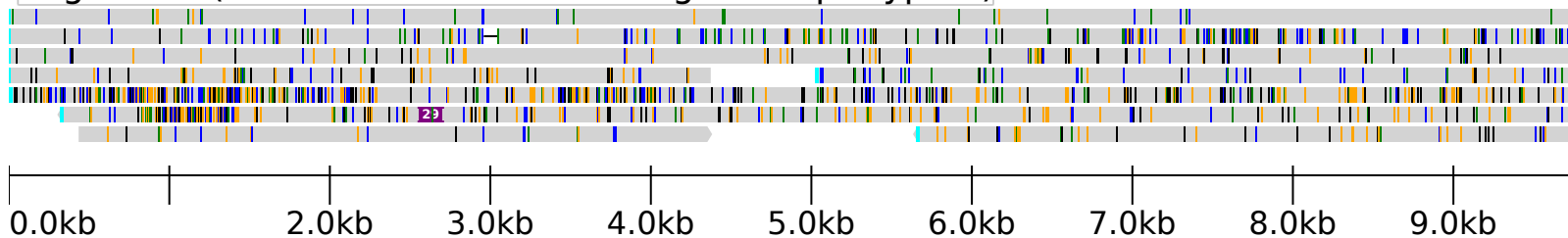
HLA-DPA1*01:03:01:04

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-DPA1*01:03:01:04 (identity: 100.00%)

Sample: NA12889

Locus: HLA-DPA1

Resolution: 4th field

Full typing result:

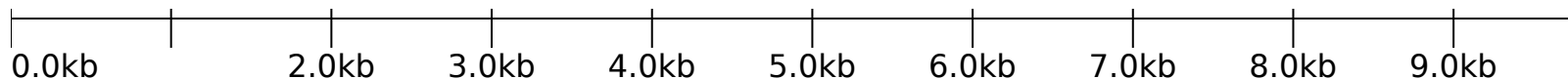
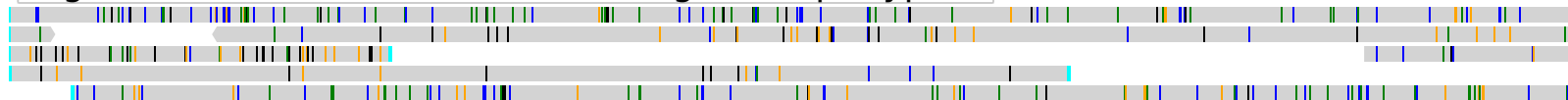
HLA-DPA1*01:03:01:02

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-DPA1*01:03:01:02 (identity: 100.00%)



Sample: NA12889

Locus: HLA-DPA2

Resolution: 4th field

Full typing result:

HLA-DPA2*01:01:01:01

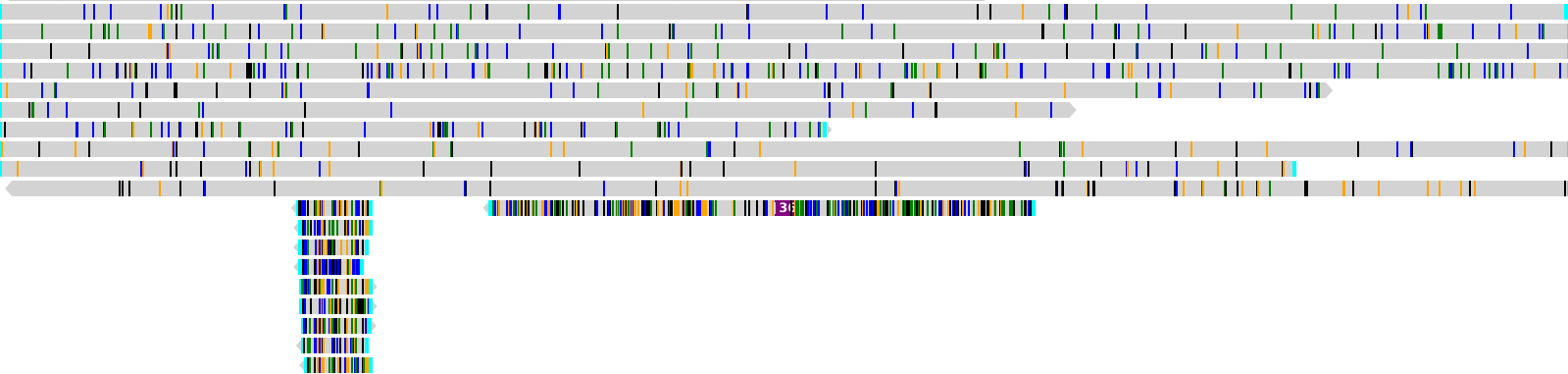
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

4.0kb

5.0kb

6.0kb

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



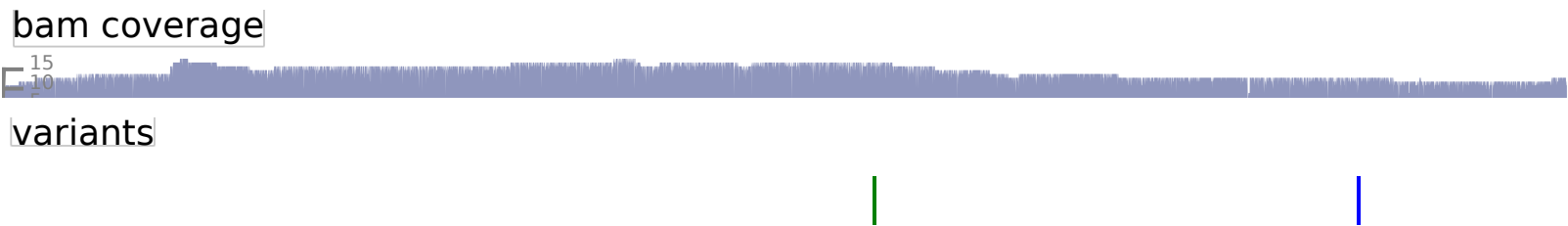
Sample: NA12889

Locus: HLA-DPB1

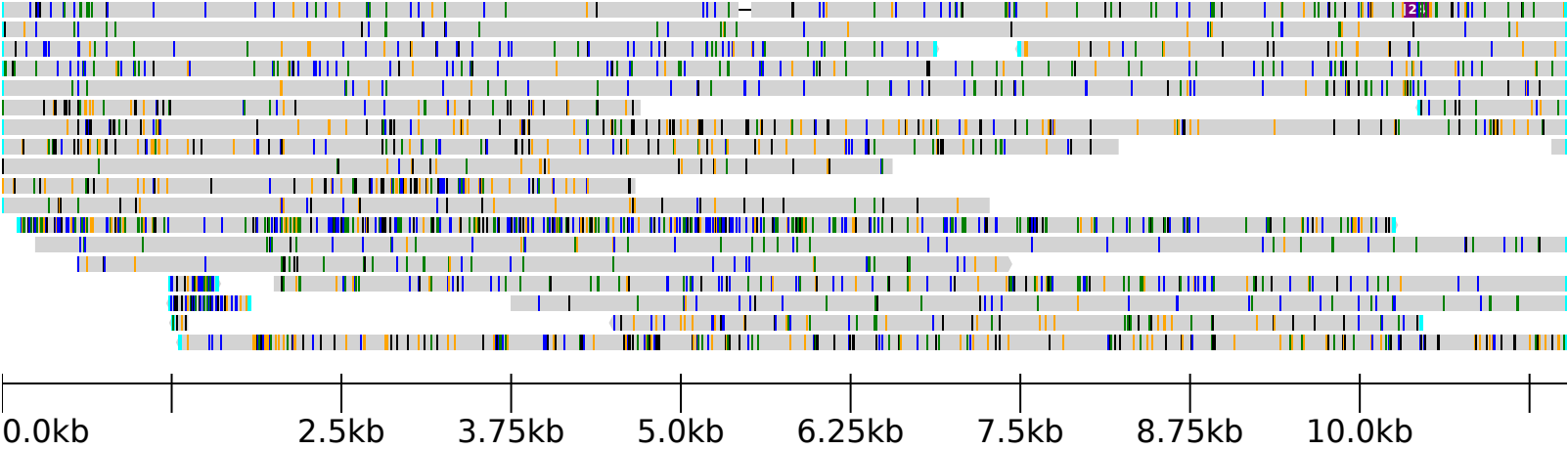
Resolution: 4th field

Full typing result:

- HLA-DPB1*04:01:01:01
- HLA-DPB1*04:01:01:35
- HLA-DPB1*04:01:01:06
- HLA-DPB1*1423:01N
- HLA-DPB1*04:01:01:02
- HLA-DPB1*04:01:01:04
- HLA-DPB1*04:01:01:07
- HLA-DPB1*04:01:01:08
- HLA-DPB1*04:01:01:10
- HLA-DPB1*04:01:01:101
- HLA-DPB1*04:01:01:104
- HLA-DPB1*04:01:01:108
- HLA-DPB1*04:01:01:113
- HLA-DPB1*04:01:01:114
- HLA-DPB1*04:01:01:115



Alignment (reference: reconstructed gene haplotype 1)



- HLA-DPB1*04:01:01:01 (identity: 100.00%)
- HLA-DPB1*04:01:01:35 (identity: 99.93%)
- HLA-DPB1*04:01:01:06 (identity: 99.97%)
- HLA-DPB1*1423:01N (identity: 99.97%)
- HLA-DPB1*04:01:01:02 (identity: 99.93%)
- HLA-DPB1*04:01:01:04 (identity: 99.97%)
- HLA-DPB1*04:01:01:07 (identity: 99.99%)
- HLA-DPB1*04:01:01:08 (identity: 99.99%)
- HLA-DPB1*04:01:01:10 (identity: 99.99%)
- HLA-DPB1*04:01:01:101 (identity: 99.99%)

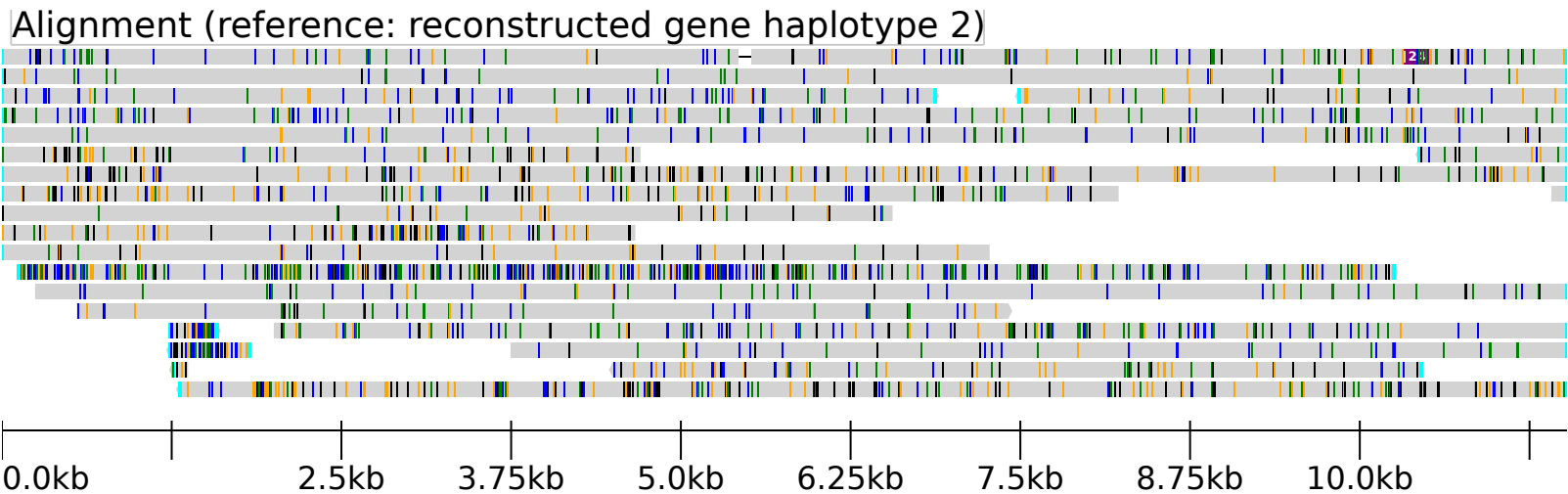
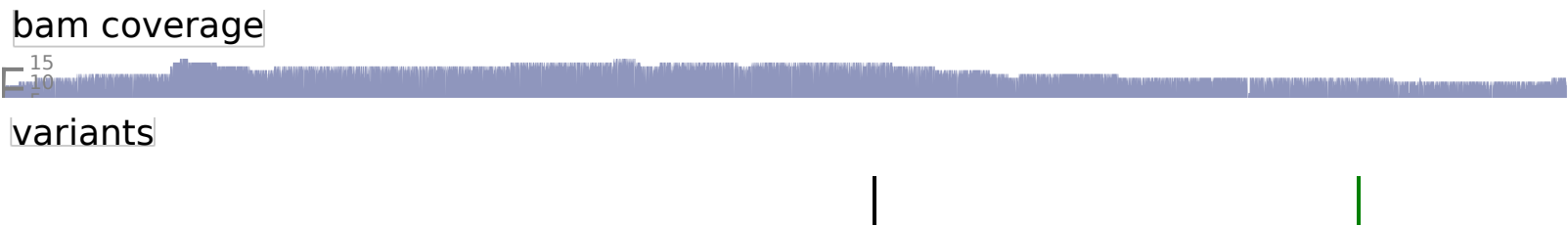
Sample: NA12889

Locus: HLA-DPB1

Resolution: 4th field

Full typing result:

HLA-DPB1*04:01:01:03	HLA-DPB1*04:01:01:65	HLA-DPB1*04:01:01:01
HLA-DPB1*04:01:01:107	HLA-DPB1*04:01:01:109	HLA-DPB1*04:01:01:111
HLA-DPB1*04:01:01:121	HLA-DPB1*04:01:01:13	HLA-DPB1*04:01:01:131
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*04:01:01:03 (identity: 99.86%)
HLA-DPB1*04:01:01:65 (identity: 99.99%)
HLA-DPB1*04:01:01:01 (identity: 99.98%)
HLA-DPB1*04:01:01:107 (identity: 99.85%)
HLA-DPB1*04:01:01:109 (identity: 99.85%)
HLA-DPB1*04:01:01:111 (identity: 99.85%)
HLA-DPB1*04:01:01:121 (identity: 99.97%)
HLA-DPB1*04:01:01:13 (identity: 99.85%)
HLA-DPB1*04:01:01:131 (identity: 99.89%)
HLA-DPB1*04:01:01:148 (identity: 99.85%)

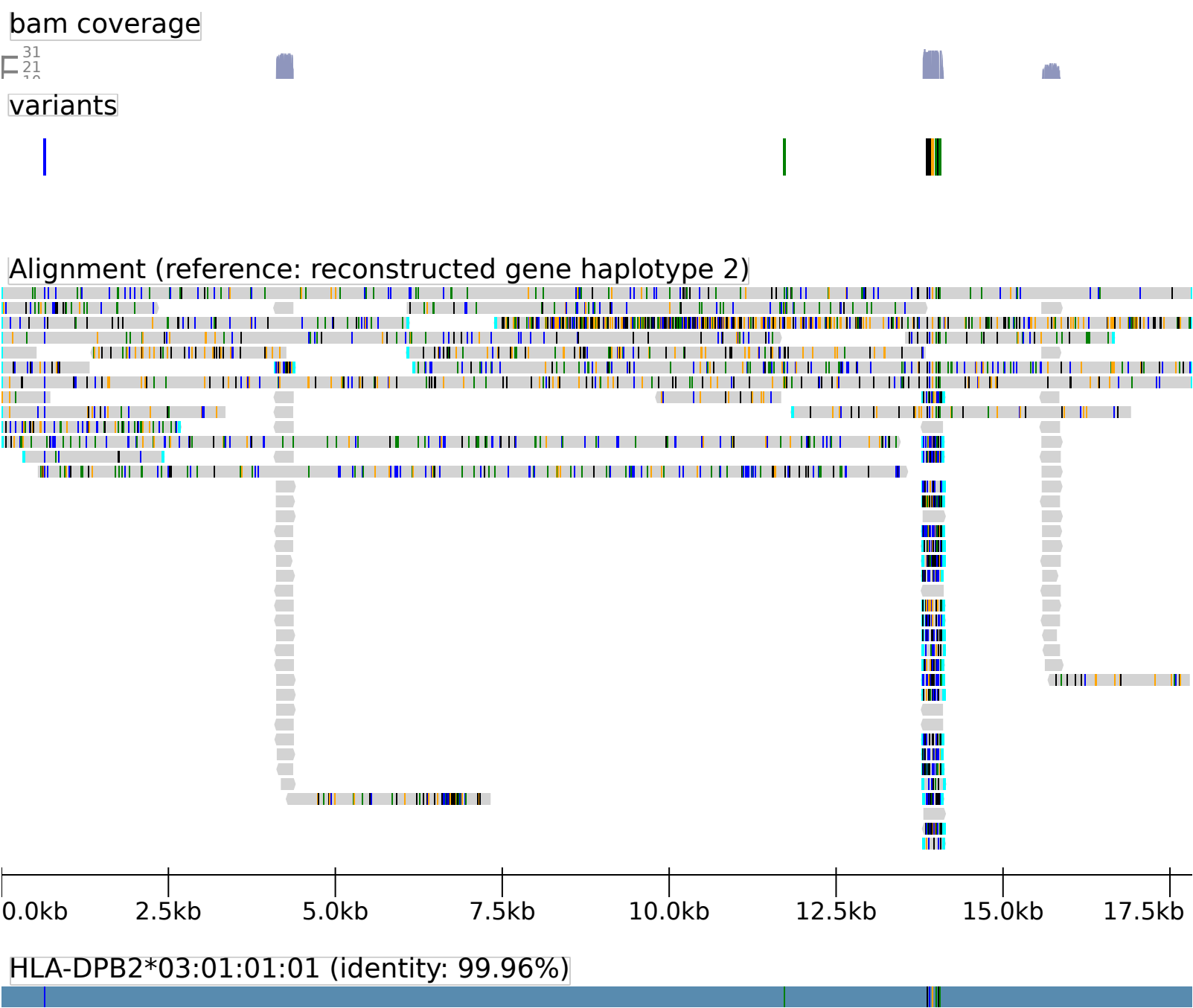
Sample: NA12889

Locus: HLA-DPB2

Resolution: 4th field

Full typing result:

HLA-DPB2*03:01:01:01



Sample: NA12889

Locus: HLA-DPB2

Resolution: 4th field

Full typing result:

HLA-DPB2*01:01:02

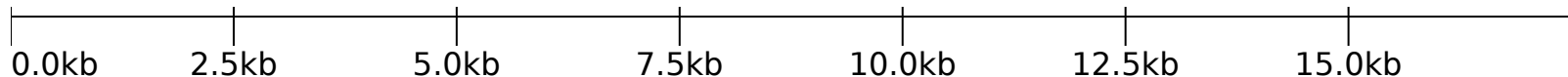
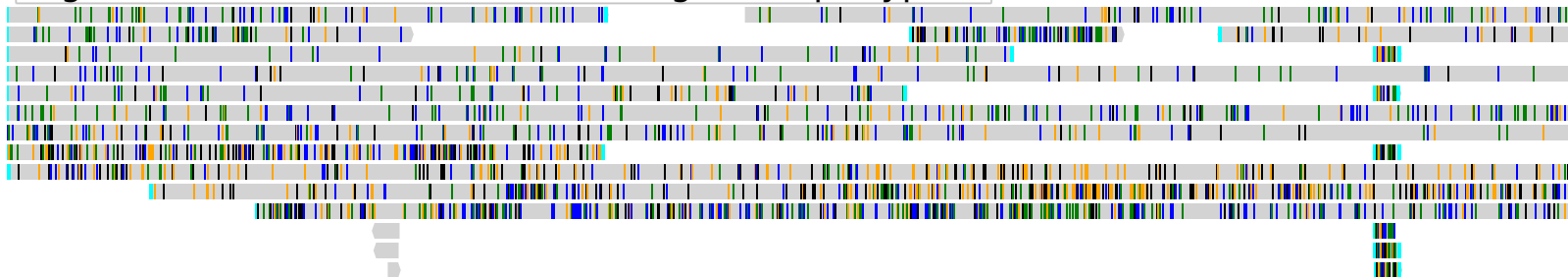
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DPB2*01:01:02 (identity: 99.71%)



Sample: NA12889

Locus: HLA-DQA1

Resolution: 4th field

Full typing result:

HLA-DQA1*01:02:01:01

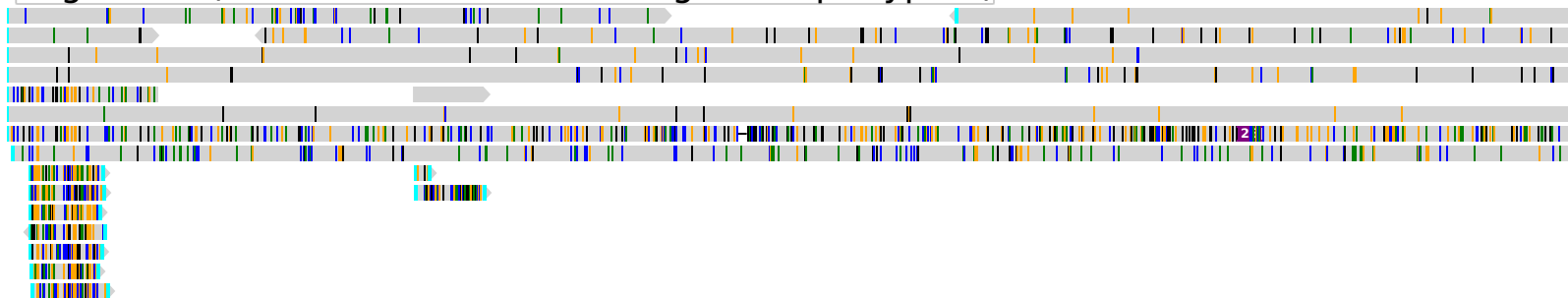
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb 1.0kb 2.0kb 3.0kb 4.0kb 5.0kb 6.0kb

HLA-DQA1*01:02:01:01 (identity: 100.00%)

Sample: NA12889

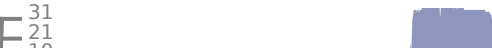
Locus: HLA-DQA2

Resolution: 4th field

Full typing result:

HLA-DQA2*01:01:01:03

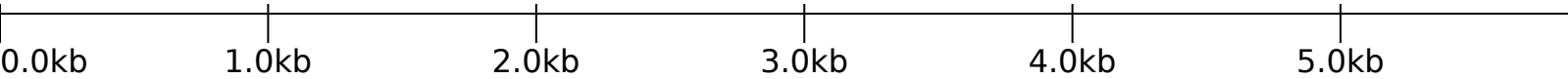
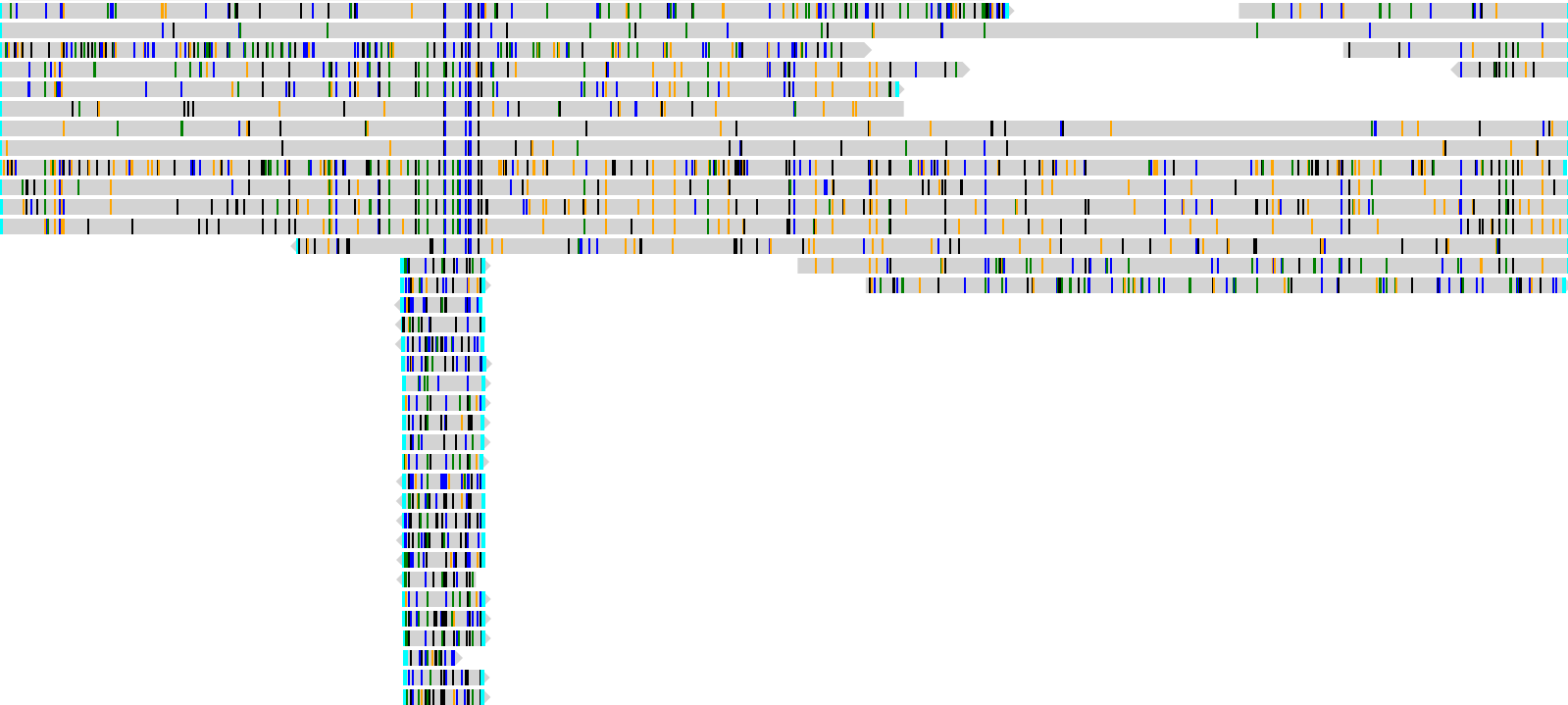
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-DQA2*01:01:01:03 (identity: 99.85%)



Sample: NA12889

Locus: HLA-DQA2

Resolution: 4th field

Full typing result:

HLA-DQA2*01:01:01:03

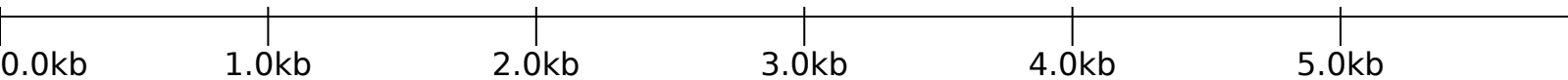
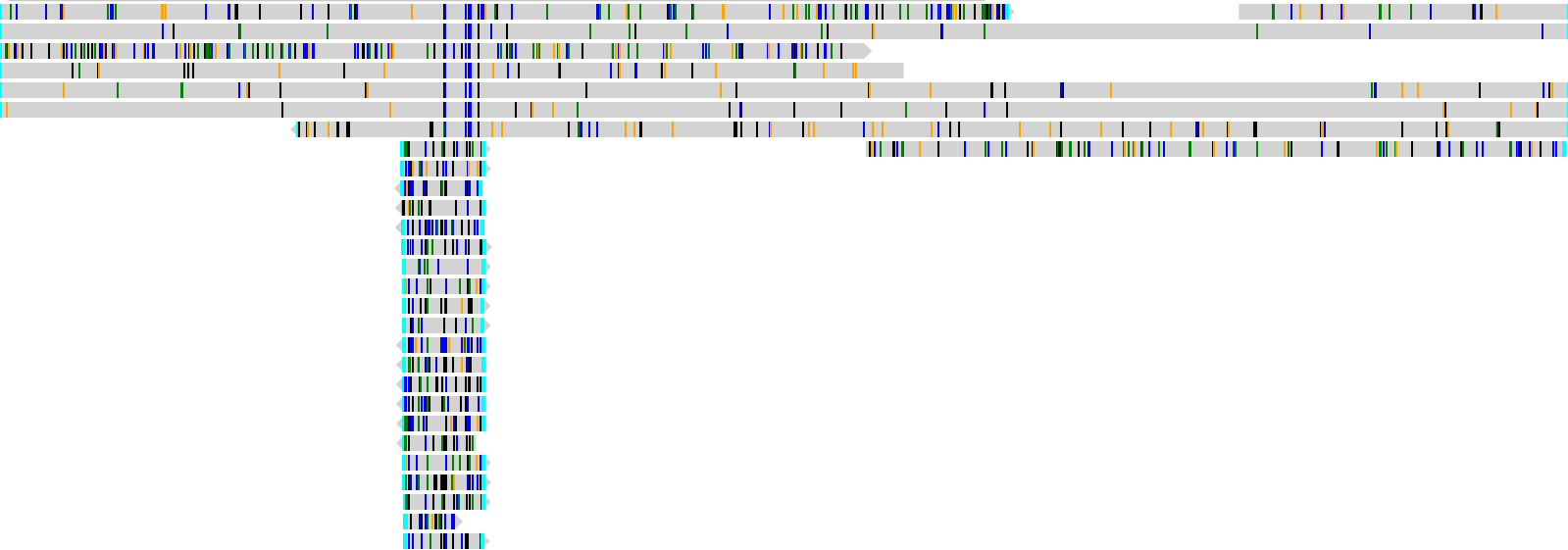
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DQA2*01:01:01:03 (identity: 99.85%)



Sample: NA12889

Locus: HLA-DQB1

Resolution: 4th field

Full typing result:

HLA-DQB1*06:02:01:01

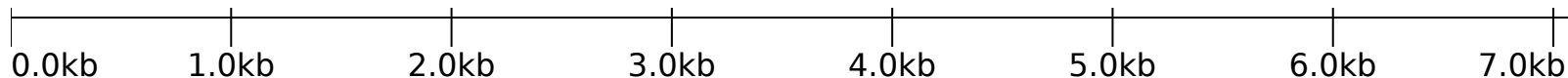
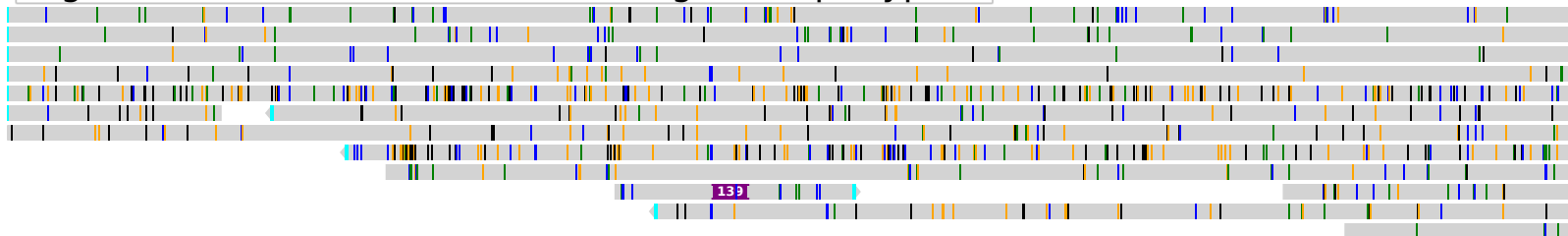
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DQB1*06:02:01:01 (identity: 100.00%)

Sample: NA12889

Locus: HLA-DQB1

Resolution: 4th field

Full typing result:

HLA-DQB1*03:01:01:01

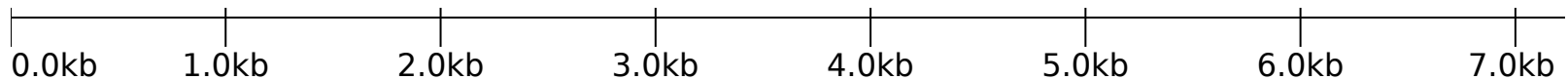
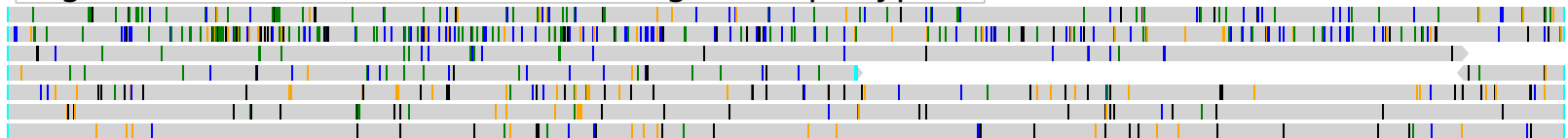
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



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



Sample: NA12889

Locus: HLA-DQB2

Resolution: 4th field

Full typing result:

HLA-DQB2*01:02:01:01

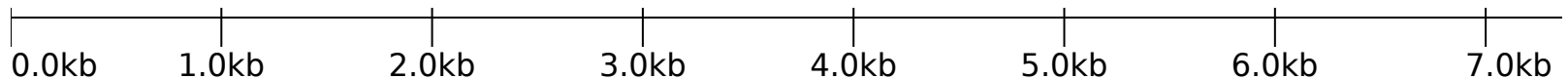
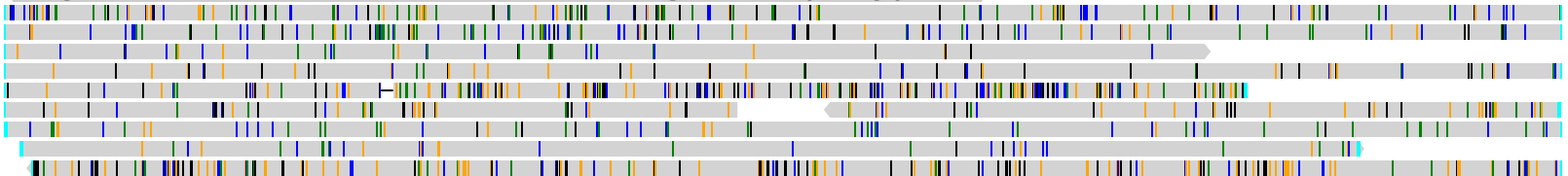
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DQB2*01:02:01:01 (identity: 100.00%)



Sample: NA12889

Locus: HLA-DQB2

Resolution: 4th field

Full typing result:

HLA-DQB2*01:01:01:02

HLA-DQB2*01:01:01:15

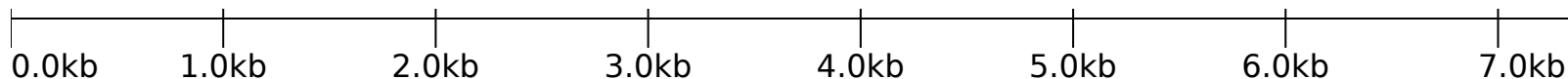
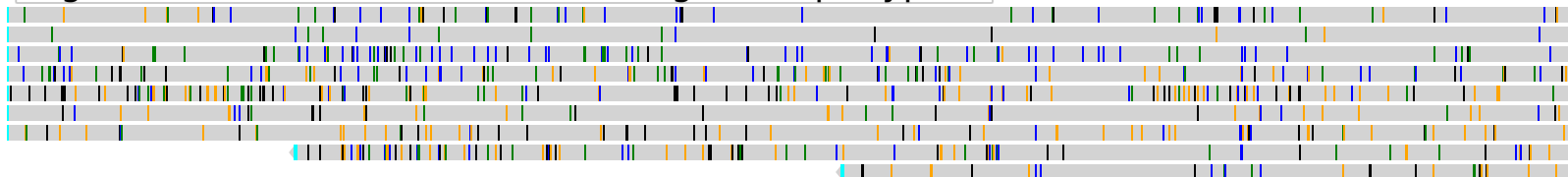
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



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

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

Sample: NA12889

Locus: HLA-DRA

Resolution: 4th field

Full typing result:

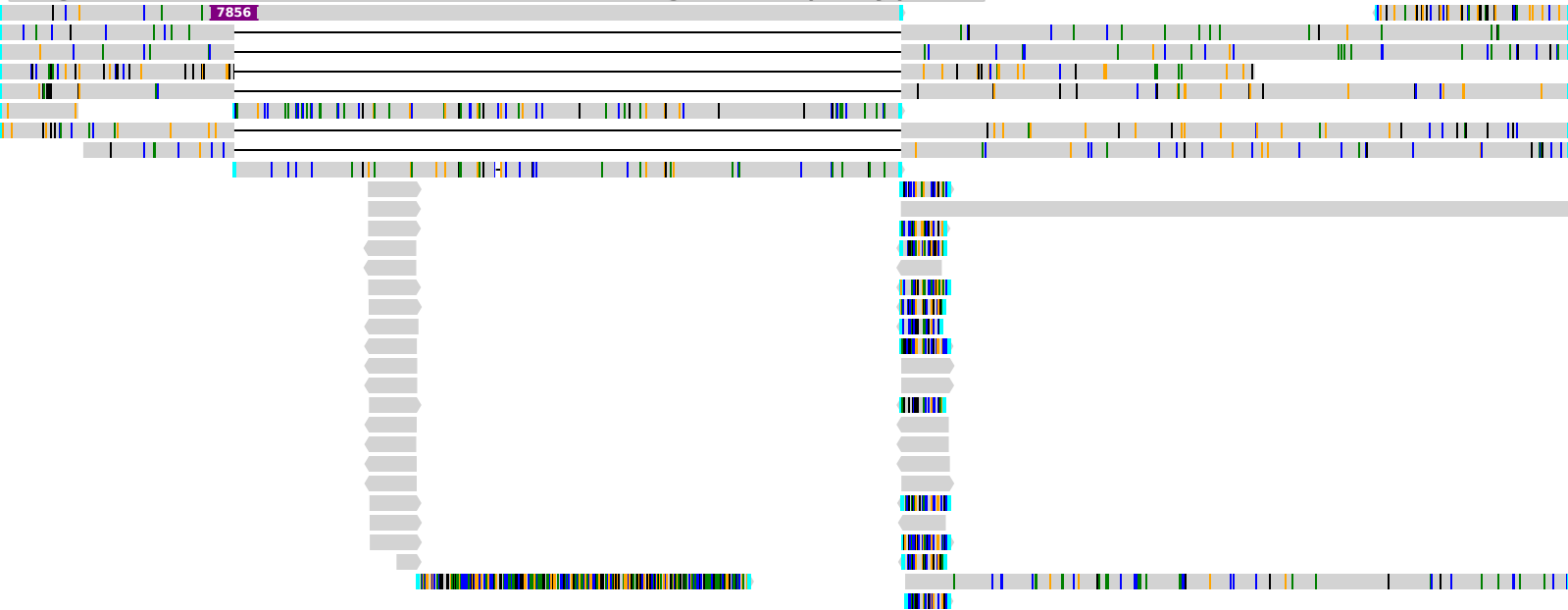
HLA-DRA*01:01:01:03

bam coverage

24
16

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

HLA-DRA*01:01:01:03 (identity: 26.09%)

Sample: NA12889

Locus: HLA-DRA

Resolution: 4th field

Full typing result:

HLA-DRA*01:02:03:01 HLA-DRA*01:02:03:02 HLA-DRA*01:08

HLA-DRA*01:09

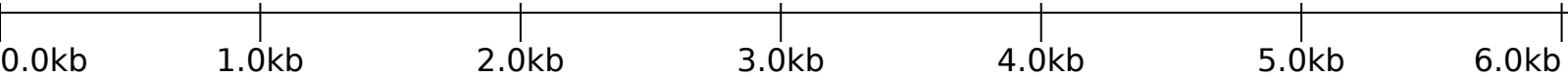
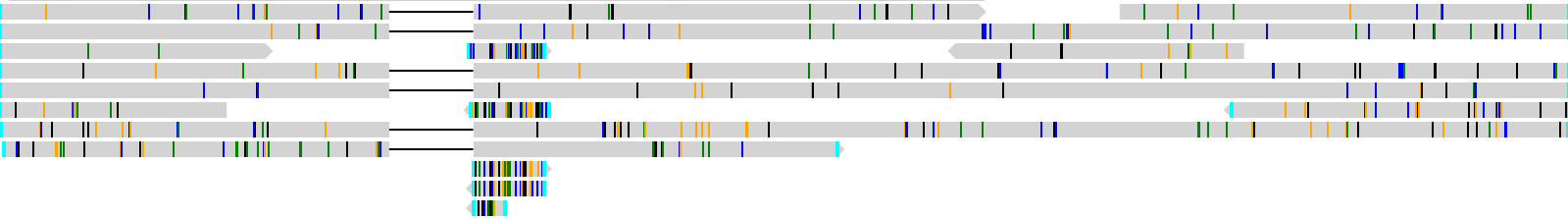
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-DRA*01:02:03:01 (identity: 94.34%)



HLA-DRA*01:02:03:02 (identity: 94.32%)



HLA-DRA*01:08 (identity: 94.32%)



HLA-DRA*01:09 (identity: 94.32%)



Sample: NA12889

Locus: HLA-DRB1

Resolution: 4th field

Full typing result:

HLA-DRB1*15:01:01:02

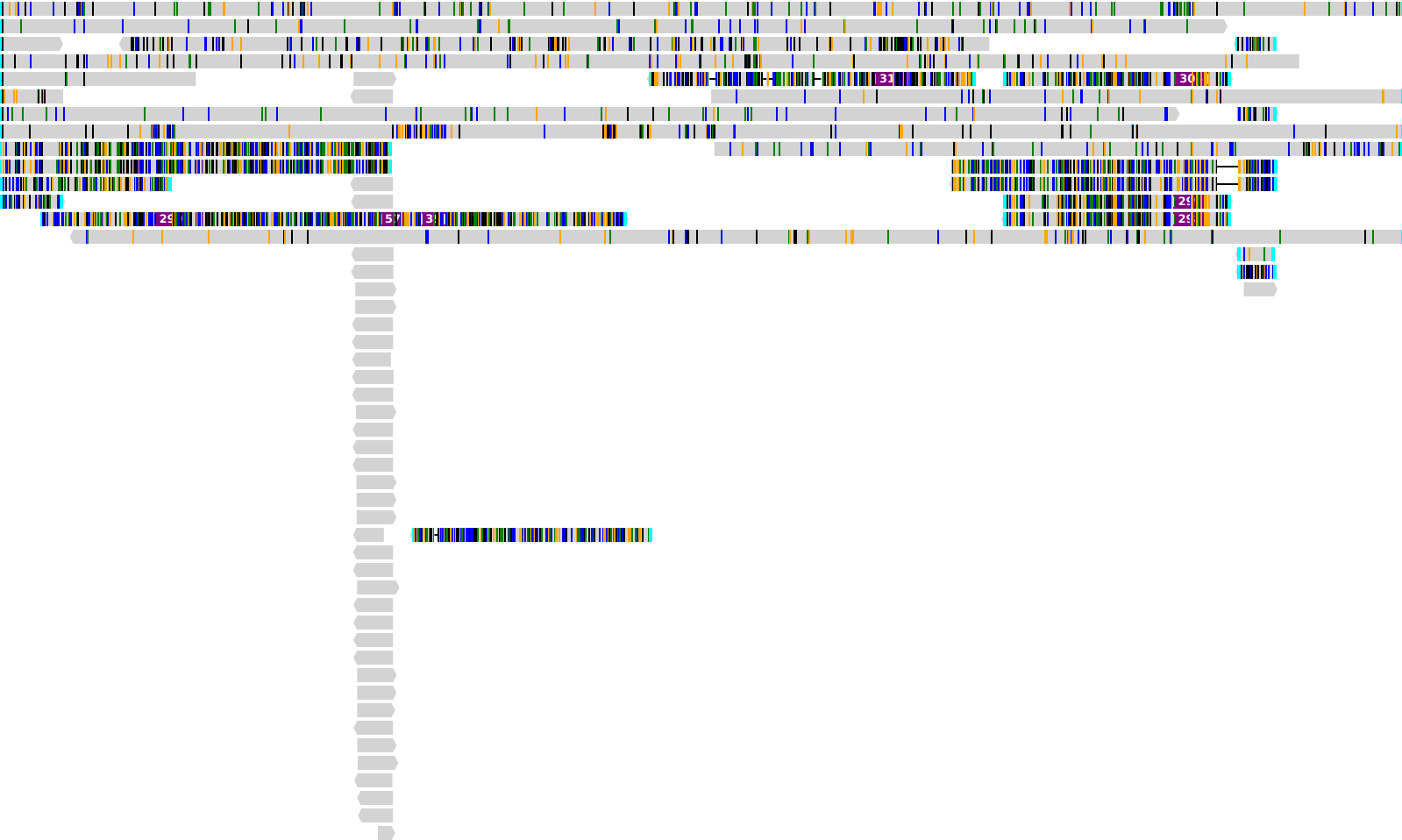
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



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

HLA-DRB1*15:01:01:02 (identity: 99.99%)



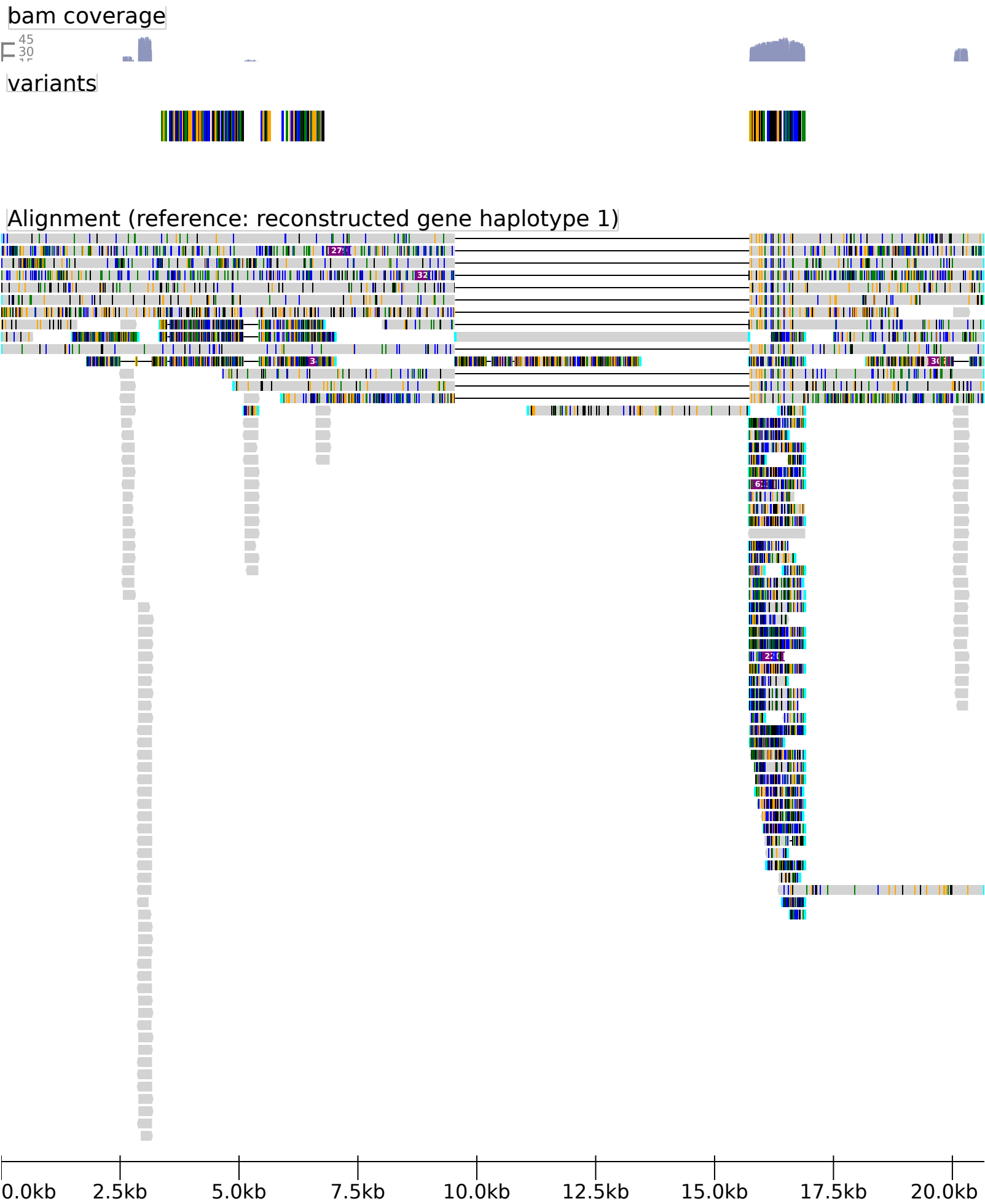
Sample: NA12889

Locus: HLA-DRB1

Resolution: 4th field

Full typing result:

HLA-DRB1*04:01:01:04	HLA-DRB1*04:01:01:11	HLA-DRB1*04:01:01:09
HLA-DRB1*04:01:01:01	HLA-DRB1*04:01:01:08	HLA-DRB1*04:01:01:21
HLA-DRB1*04:01:01:25	HLA-DRB1*04:38:01:01	HLA-DRB1*04:01:01:13
HLA-DRB1*04:01:01:14	HLA-DRB1*04:01:01:10	HLA-DRB1*04:01:01:20
HLA-DRB1*04:01:01:12	HLA-DRB1*04:01:01:22	HLA-DRB1*04:38:01:02



HLA-DRB1*04:01:01:04 (identity: 57.18%)	
HLA-DRB1*04:01:01:11 (identity: 57.19%)	
HLA-DRB1*04:01:01:09 (identity: 57.18%)	
HLA-DRB1*04:01:01:01 (identity: 57.18%)	
HLA-DRB1*04:01:01:08 (identity: 57.18%)	
HLA-DRB1*04:01:01:21 (identity: 57.18%)	
HLA-DRB1*04:01:01:25 (identity: 57.18%)	
HLA-DRB1*04:38:01:01 (identity: 56.90%)	
HLA-DRB1*04:01:01:13 (identity: 57.16%)	
HLA-DRB1*04:01:01:14 (identity: 57.16%)	

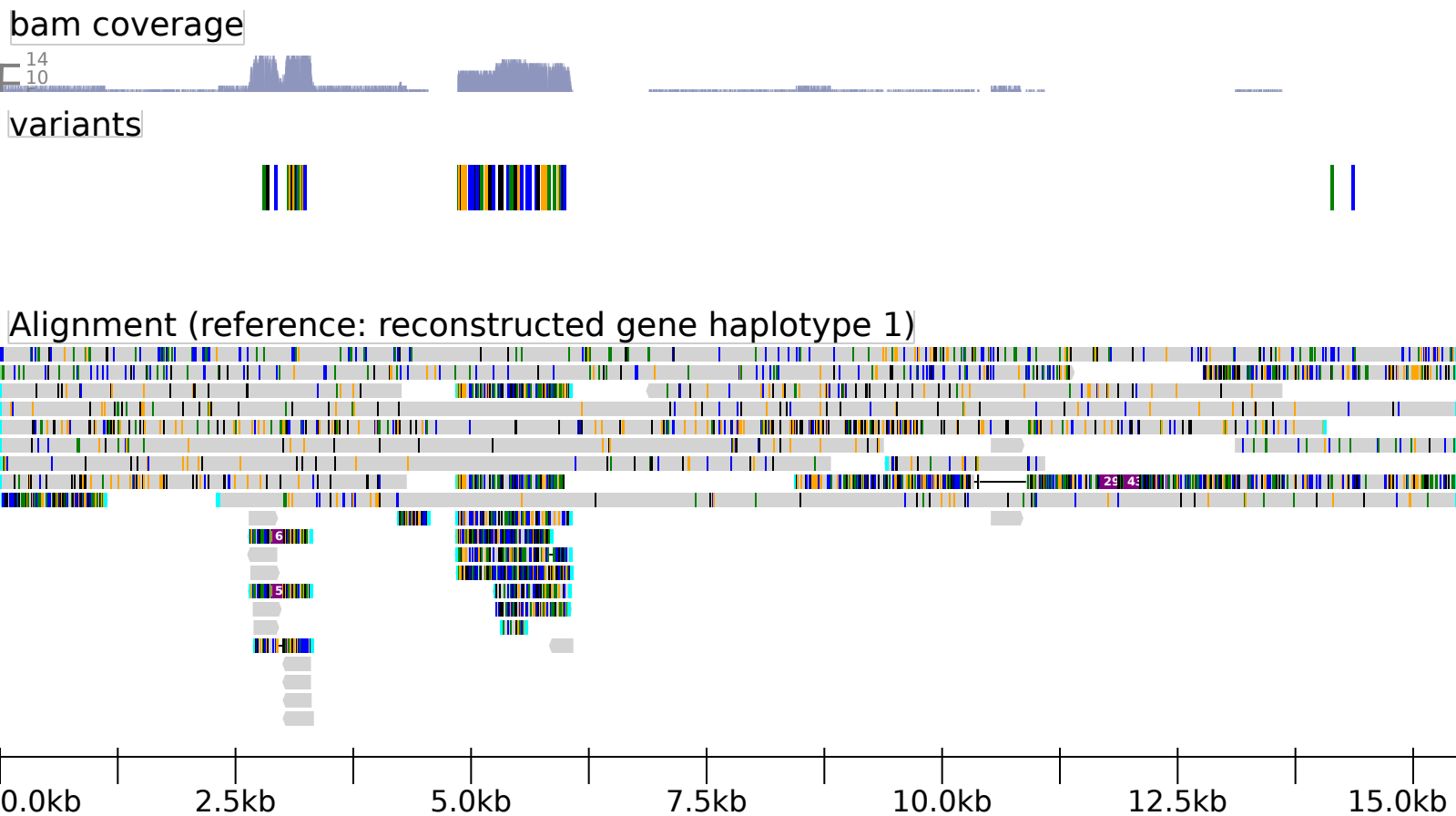
Sample: NA12889

Locus: HLA-DRB4

Resolution: 4th field

Full typing result:

HLA-DRB4*01:03:01:01



HLA-DRB4*01:03:01:01 (identity: 100.00%)

Sample: NA12889

Locus: HLA-DRB5

Resolution: 4th field

Full typing result:

HLA-DRB5*01:01:01:01

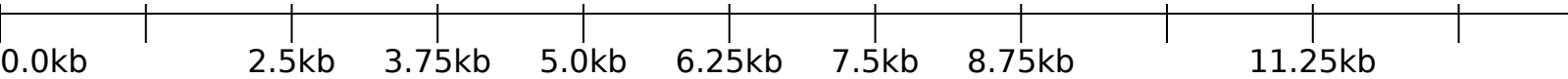
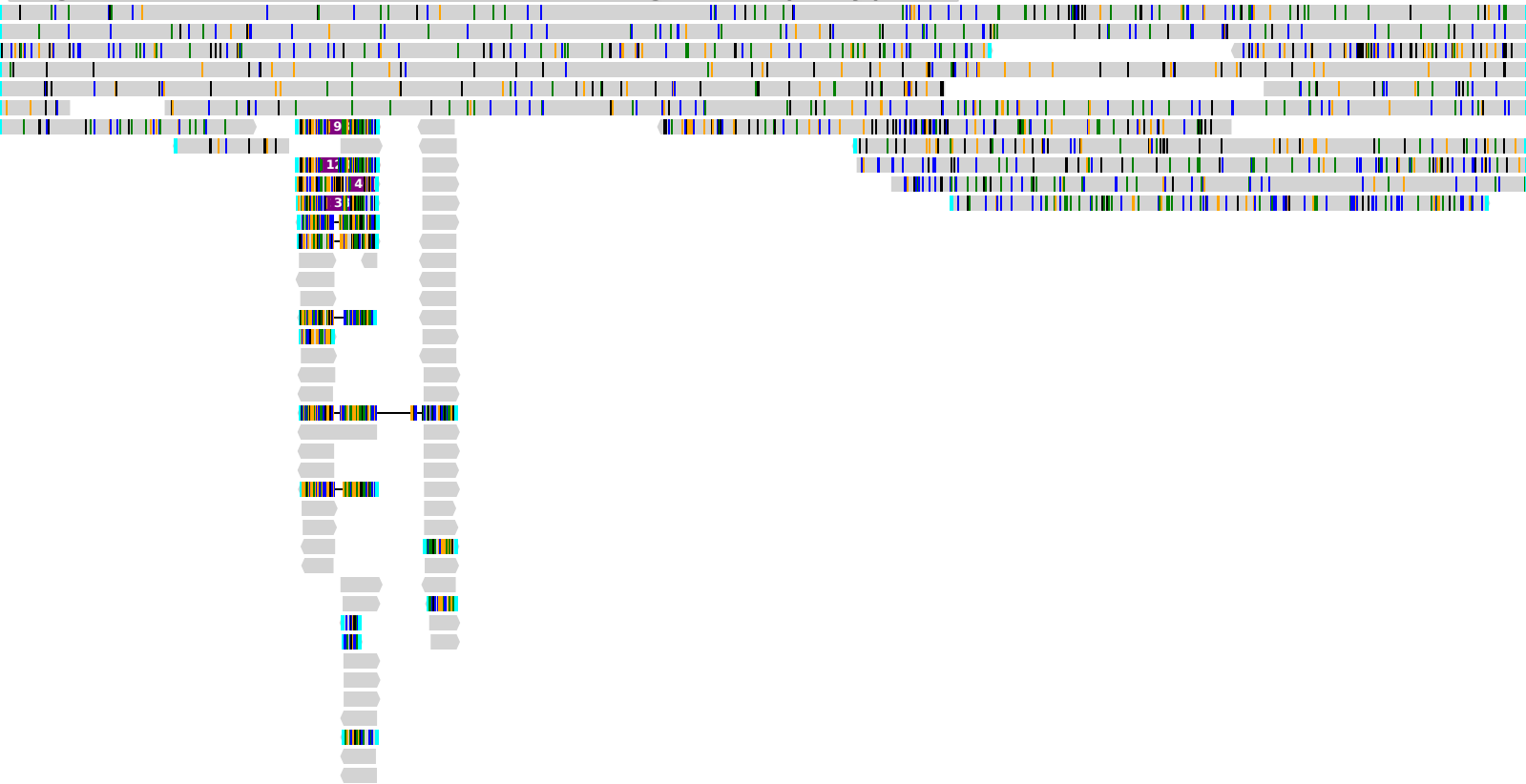
bam coverage

29
19
12

variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DRB5*01:01:01:01 (identity: 99.99%)



Sample: NA12889

Locus: HLA-E

Resolution: 4th field

Full typing result:

- HLA-E*01:01:01:01HLA-E*01:01:01:03HLA-E*01:01:01:49
- HLA-E*01:01:01:52HLA-E*01:01:01:53HLA-E*01:01:02
- HLA-E*01:03:01:01HLA-E*01:118HLA-E*01:125
- HLA-E*01:01:01:14HLA-E*01:01:36HLA-E*01:01:37
- HLA-E*01:01:39HLA-E*01:01:41HLA-E*01:01:42

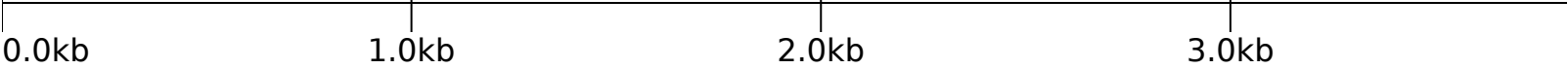
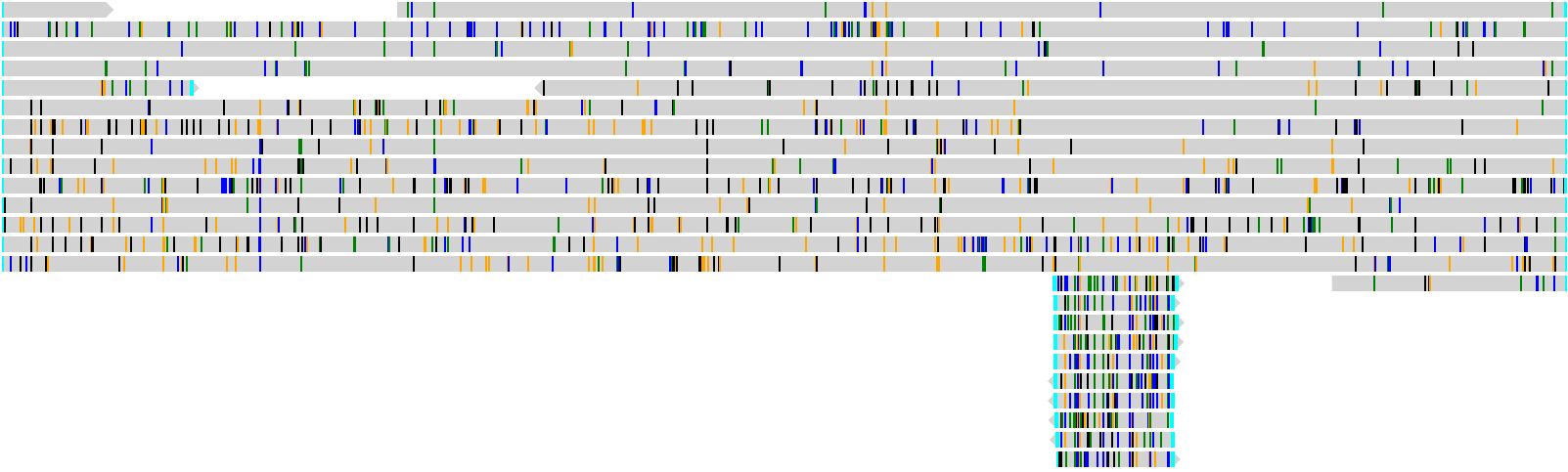
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-E*01:01:01:01 (identity: 99.97%)	
HLA-E*01:01:01:03 (identity: 99.95%)	
HLA-E*01:01:01:49 (identity: 99.95%)	
HLA-E*01:01:01:52 (identity: 99.95%)	
HLA-E*01:01:01:53 (identity: 99.95%)	
HLA-E*01:01:02 (identity: 99.95%)	
HLA-E*01:03:01:01 (identity: 99.95%)	
HLA-E*01:118 (identity: 99.95%)	
HLA-E*01:125 (identity: 99.95%)	
HLA-E*01:01:01:14 (identity: 99.95%)	

Sample: NA12889

Locus: HLA-F

Resolution: 4th field

Full typing result:

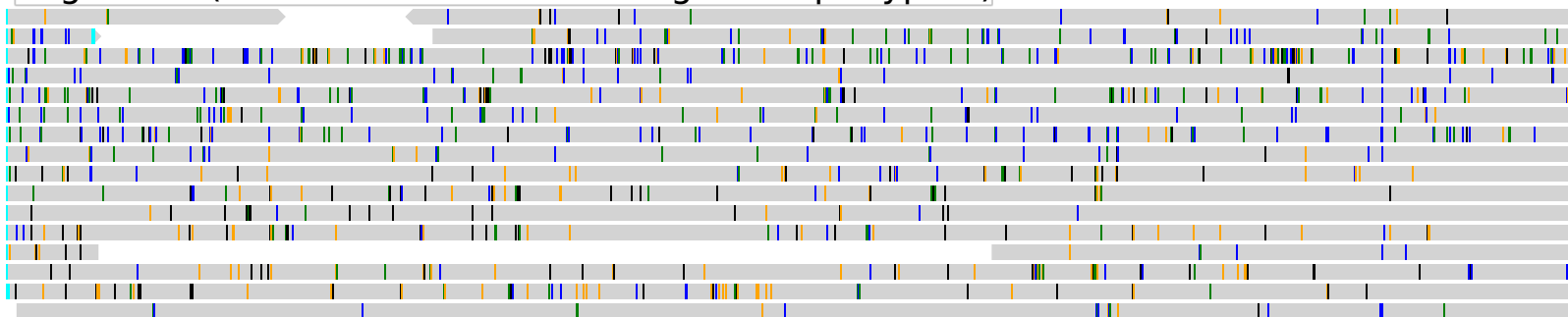
HLA-F*01:03:01:01

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: NA12889

Locus: HLA-G

Resolution: 4th field

Full typing result:

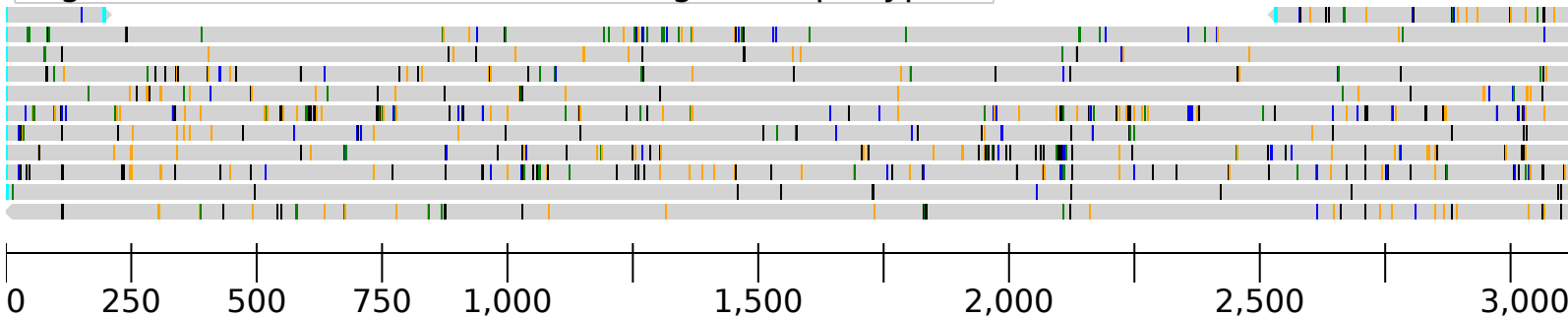
HLA-G*01:01:01:05

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



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

Sample: NA12889

Locus: HLA-H

Resolution: 4th field

Full typing result:

HLA-H*02:04:01

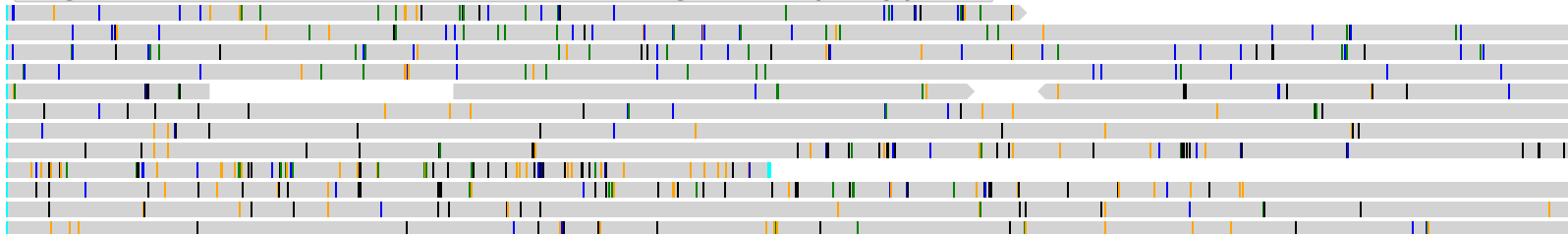
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

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

Sample: NA12889

Locus: HLA-J

Resolution: 4th field

Full typing result:

HLA-J*01:01:01:04

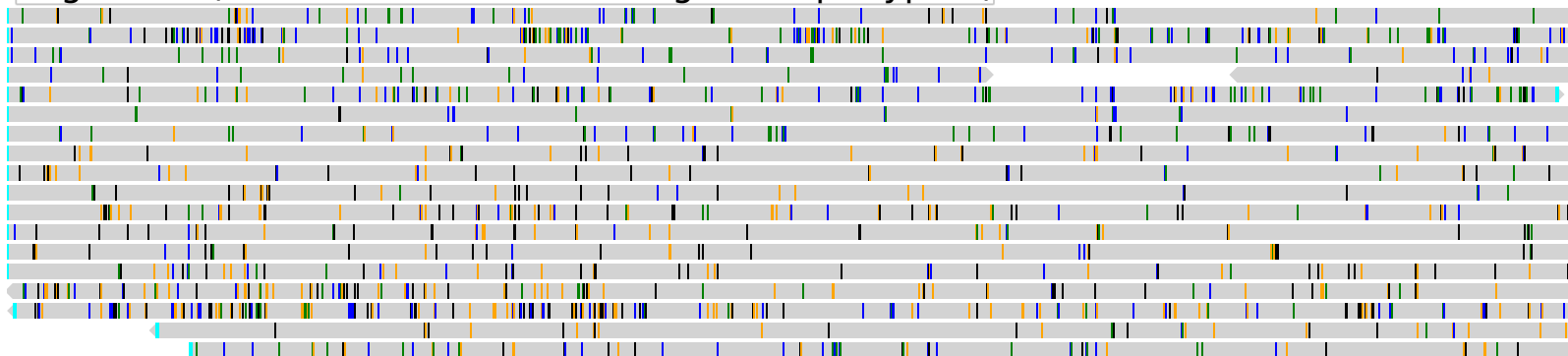
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

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

Sample: NA12889

Locus: HLA-K

Resolution: 4th field

Full typing result:

HLA-K*01:01:01:01

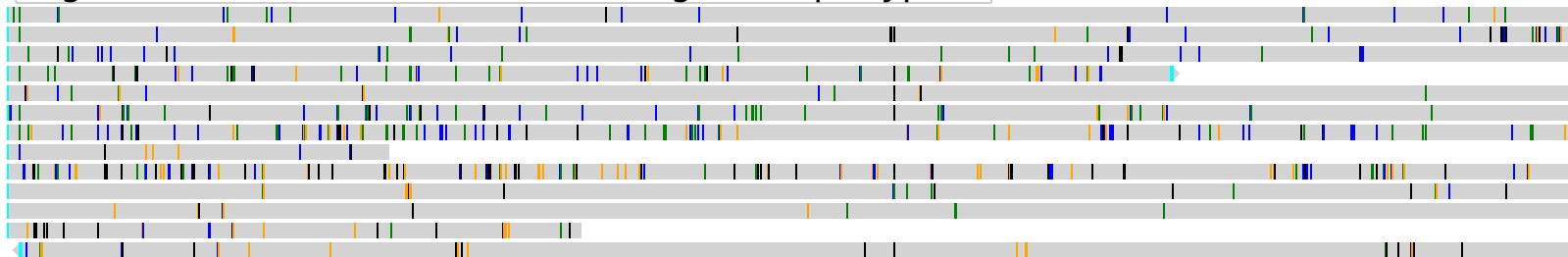
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

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



Sample: NA12889

Locus: HLA-L

Resolution: 4th field

Full typing result:

HLA-L*01:01:01:03

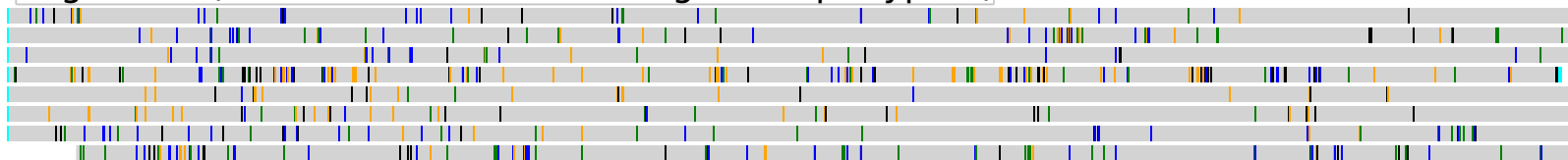
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

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

Sample: NA12889

Locus: HLA-L

Resolution: 4th field

Full typing result:

HLA-L*01:03

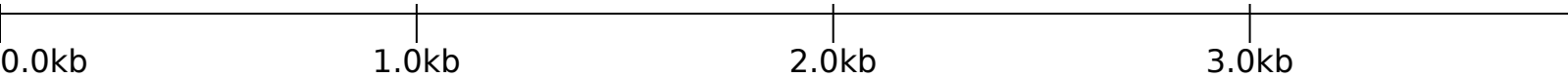
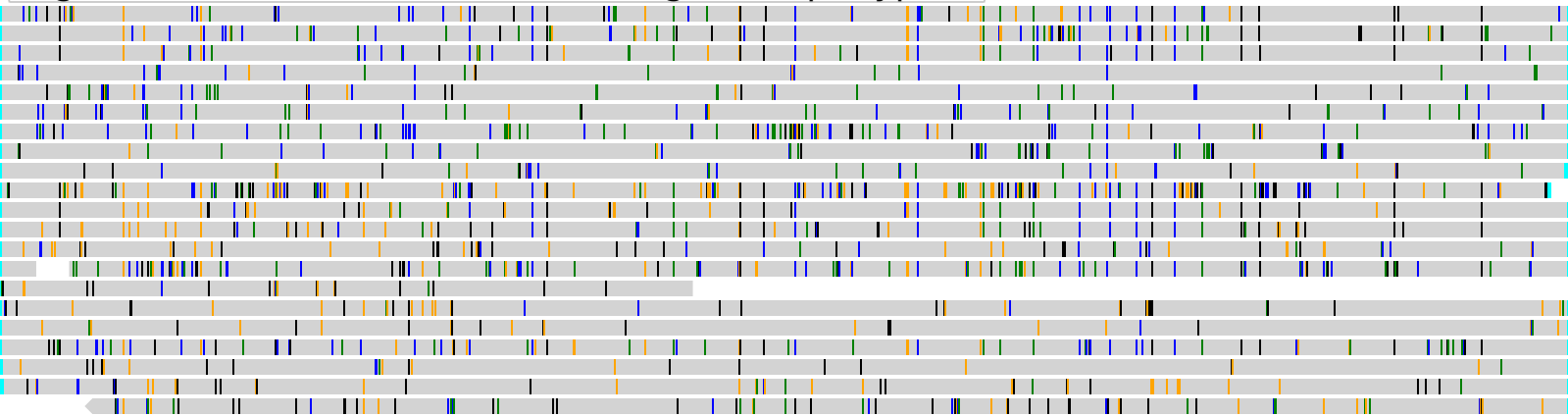
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA12889

Locus: HLA-P

Resolution: 4th field

Full typing result:

HLA-P*02:01:01:02

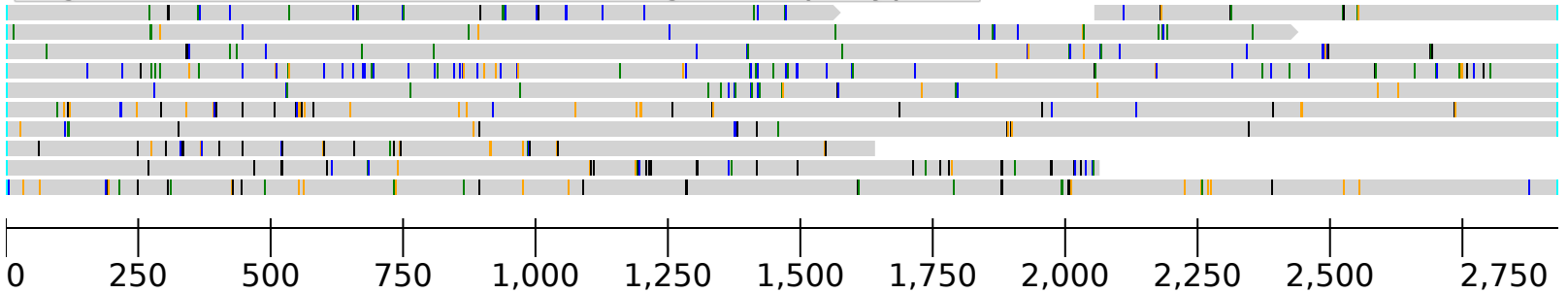
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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

Sample: NA12889

Locus: HLA-T

Resolution: 4th field

Full typing result:

HLA-T*03:01:01:01

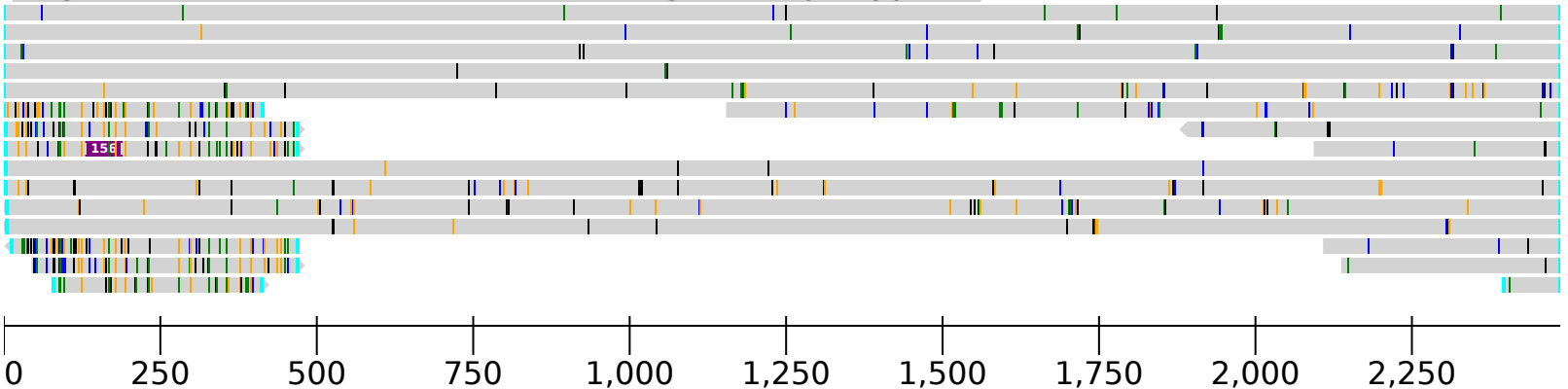
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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

Sample: NA12889

Locus: HLA-U

Resolution: 4th field

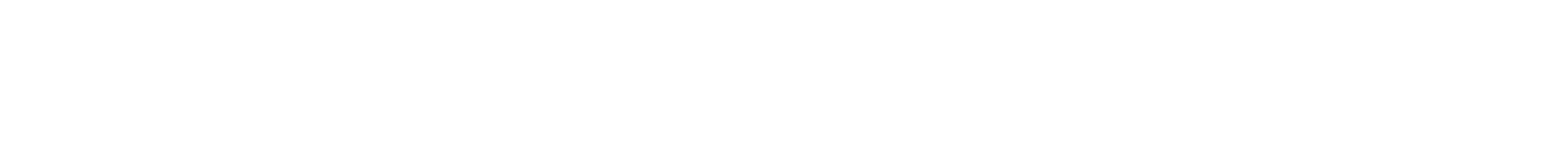
Full typing result:

HLA-U*01:04

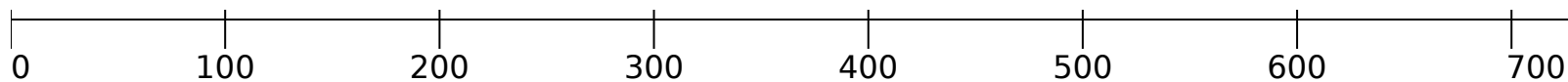
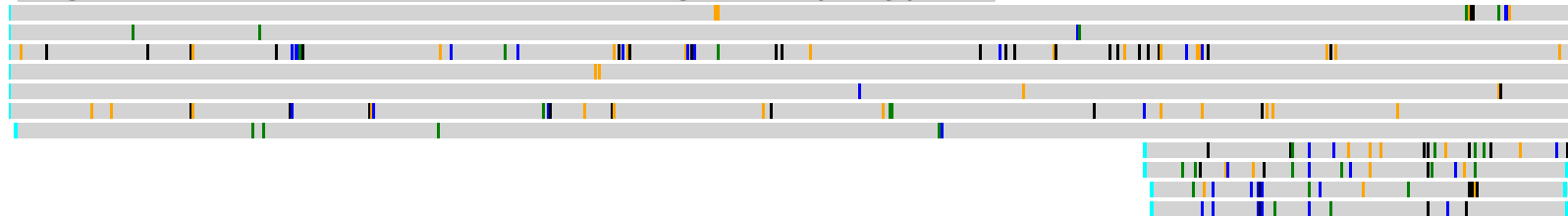
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA12889

Locus: HLA-U

Resolution: 4th field

Full typing result:

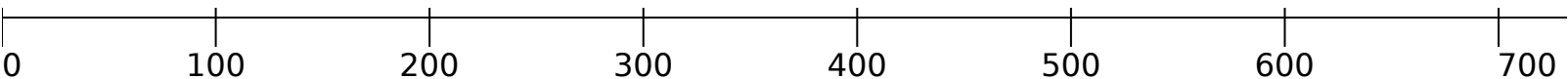
HLA-U*01:06

bam coverage

5
3

variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-U*01:06 (identity: 89.50%)



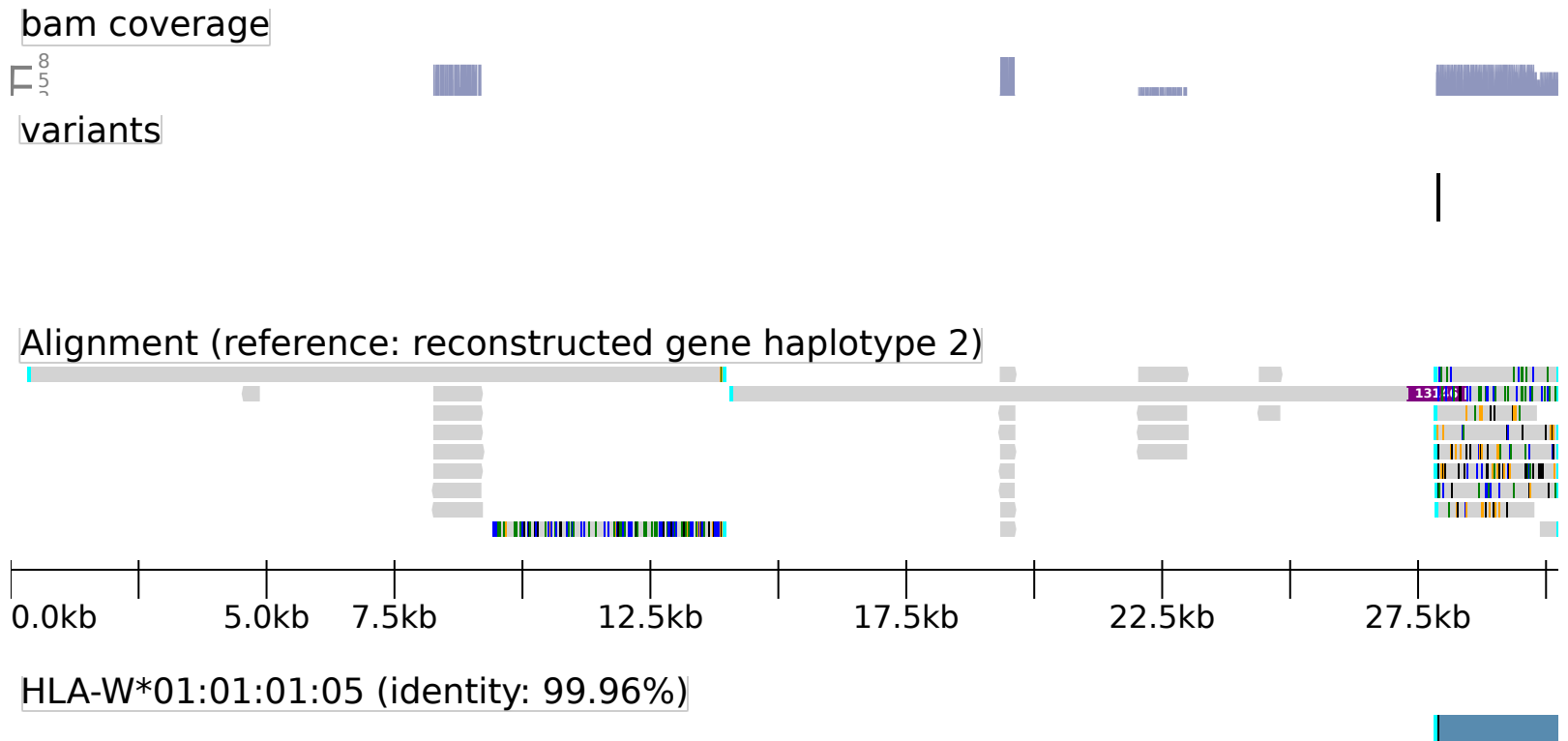
Sample: NA12889

Locus: HLA-W

Resolution: 4th field

Full typing result:

HLA-W*01:01:01:05



Sample: NA12889

Locus: HLA-W

Resolution: 4th field

Full typing result:

HLA-W*05:02

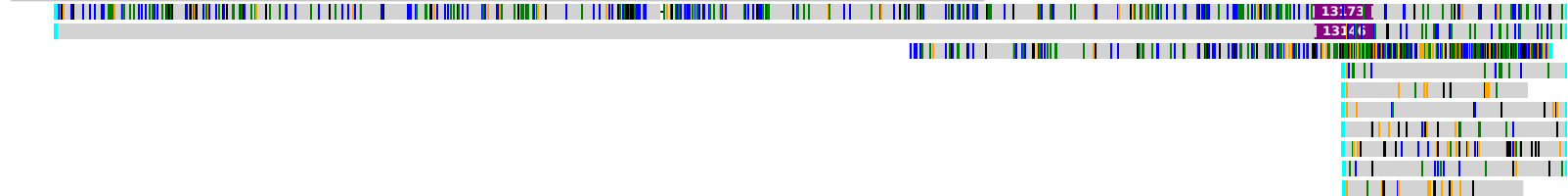
HLA-W*01:01:01:04

bam coverage

10⁸

variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-W*05:02 (identity: 97.45%)

HLA-W*01:01:01:04 (identity: 97.41%)



Sample: NA12889

Locus: MICA

Resolution: 4th field

Full typing result:

MICA*008:01:02

bam coverage



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*008:01:02 (identity: 100.00%)

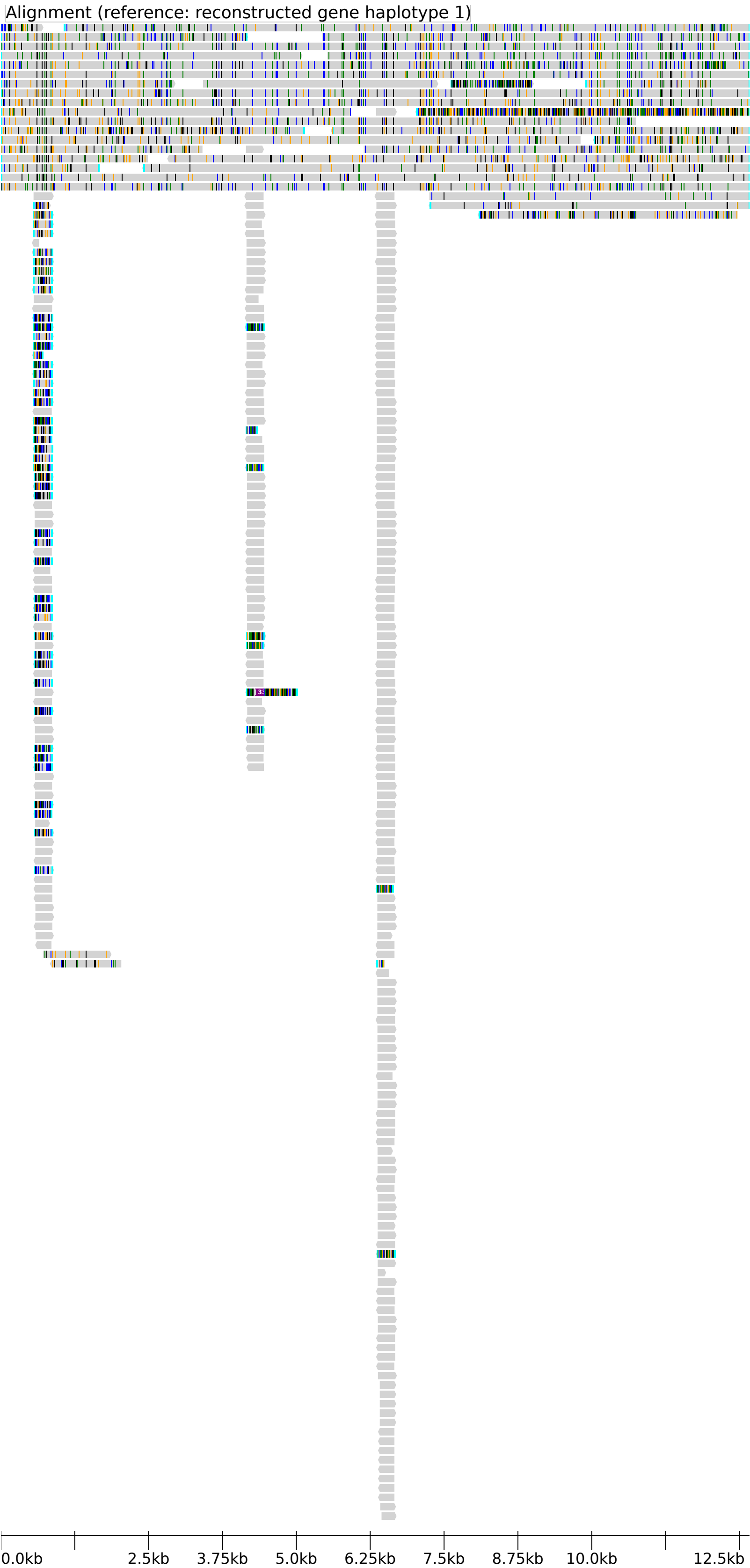
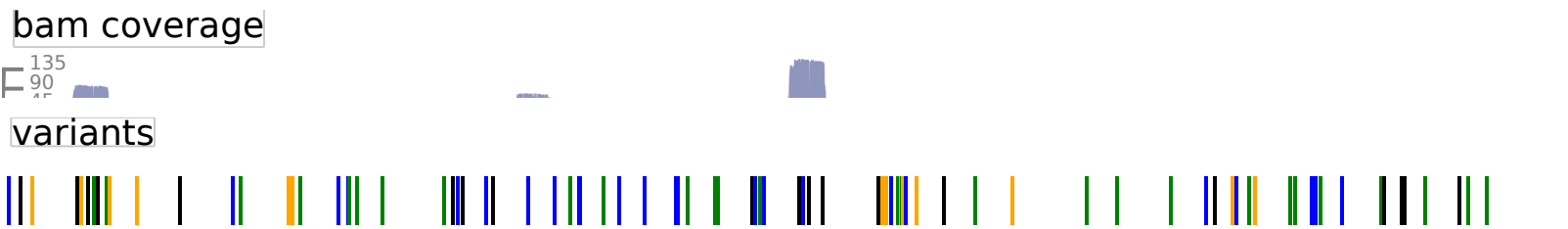
Sample: NA12889

Locus: MICB

Resolution: 4th field

Full typing result:

MICB*052



MICB*052 (identity: 99.82%)



Sample: NA12889

Locus: MICB

Resolution: 4th field

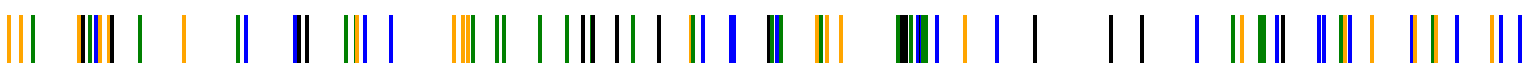
Full typing result:

MICB*005:02:01

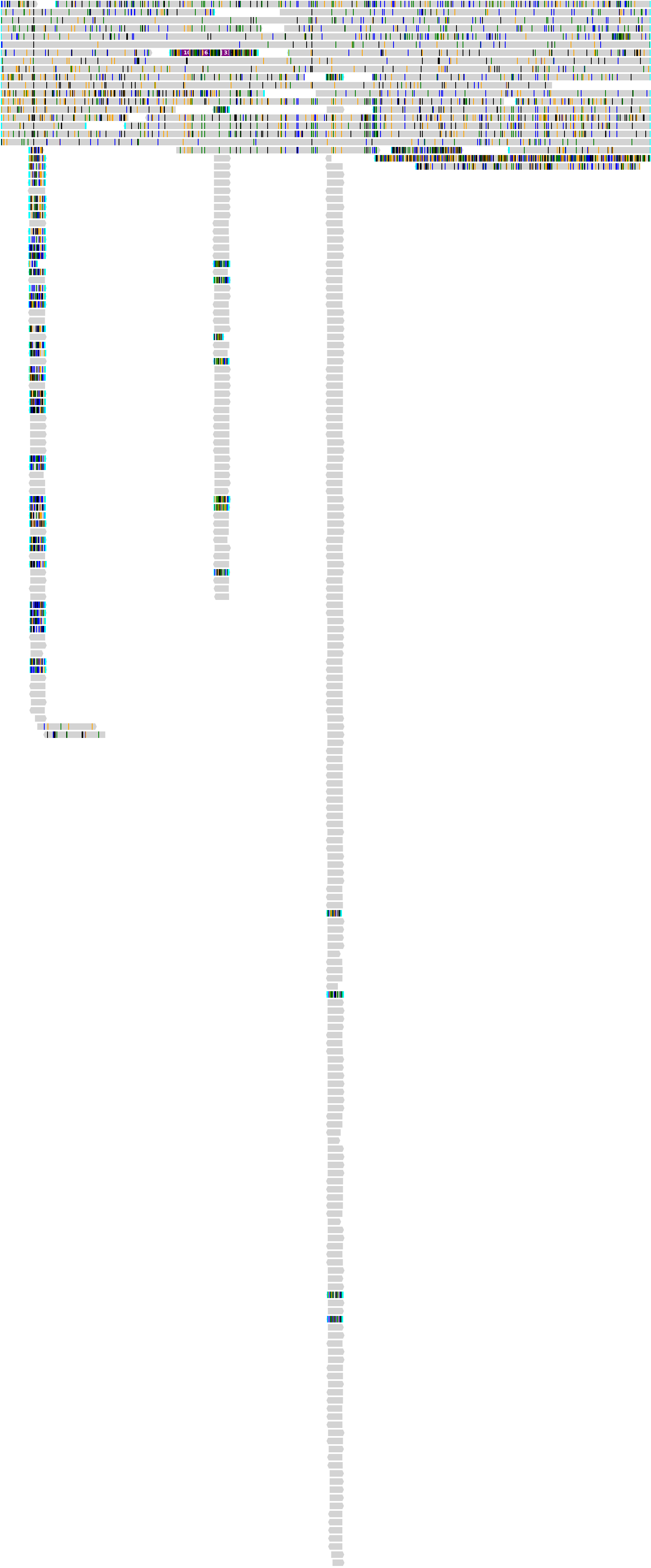
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



MICB*005:02:01 (identity: 99.67%)



Sample: NA12889

Locus: TAP1

Resolution: 4th field

Full typing result:

TAP1*01:01:01:01

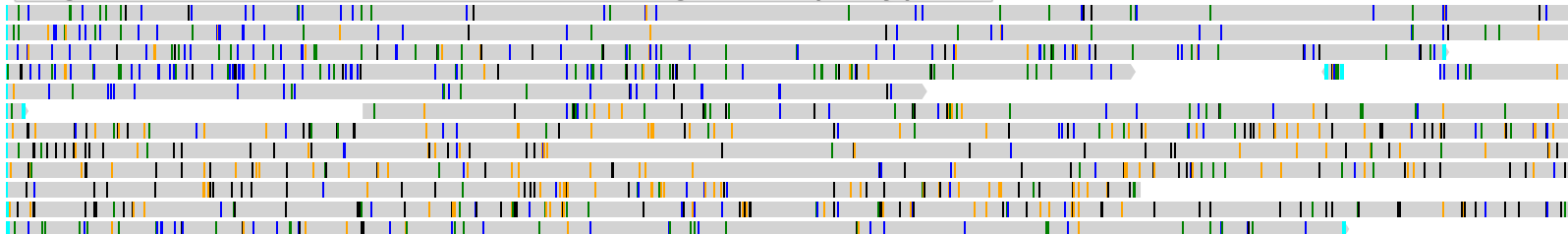
bam coverage



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: NA12889

Locus: TAP1

Resolution: 4th field

Full typing result:

TAP1*01:01:01:05

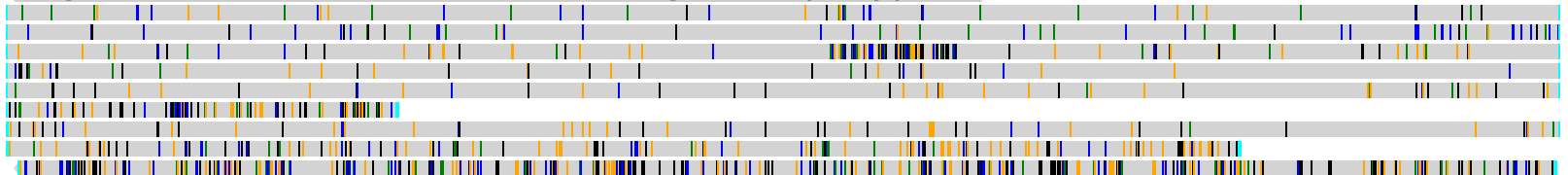
bam coverage



variants

|

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

2.0kb

3.0kb

4.0kb

5.0kb

6.0kb

7.0kb

8.0kb

9.0kb

TAP1*01:01:01:05 (identity: 100.00%)

Sample: NA12889

Locus: TAP2

Resolution: 4th field

Full typing result:

TAP2*01:04:01:01

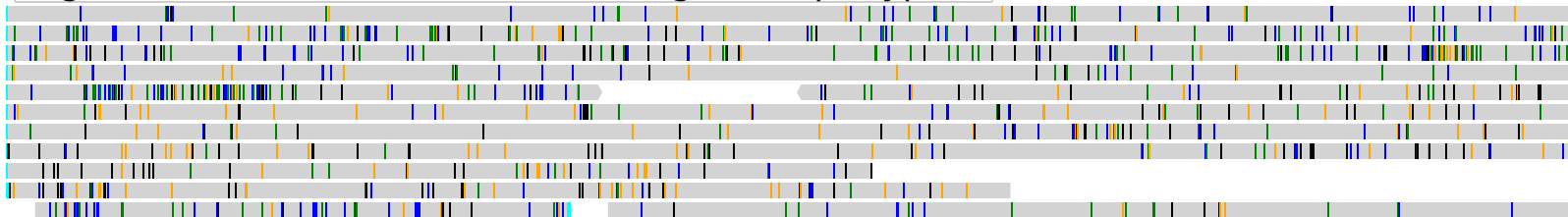
bam coverage



variants

|

Alignment (reference: reconstructed gene haplotype 1)



0.0kb

2.5kb

3.75kb

5.0kb

6.25kb

7.5kb

8.75kb

10.0kb

TAP2*01:04:01:01 (identity: 100.00%)

Sample: NA12889

Locus: TAP2

Resolution: 4th field

Full typing result:

TAP2*01:01:03:01

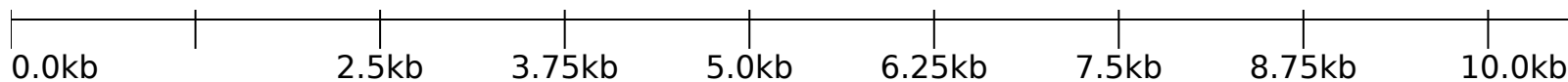
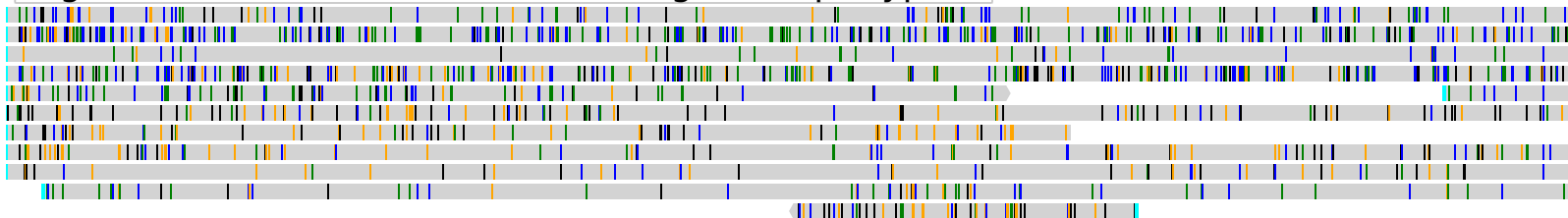
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



TAP2*01:01:03:01 (identity: 99.99%)

