

**Sample: NA12878**

**Locus: HLA-A**

**Resolution: 4th field**

**Full typing result:**

**HLA-A\*01:16N**

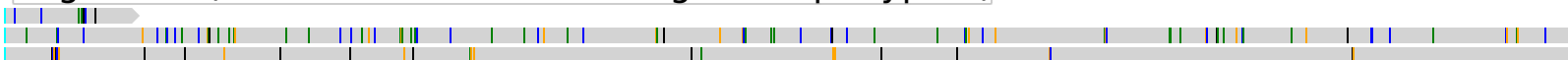
**HLA-A\*01:01:01:01**

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-A\*01:16N (identity: 100.00%)

HLA-A\*01:01:01:01 (identity: 99.97%)

**Sample: NA12878**

**Locus: HLA-A**

**Resolution: 4th field**

**Full typing result:**

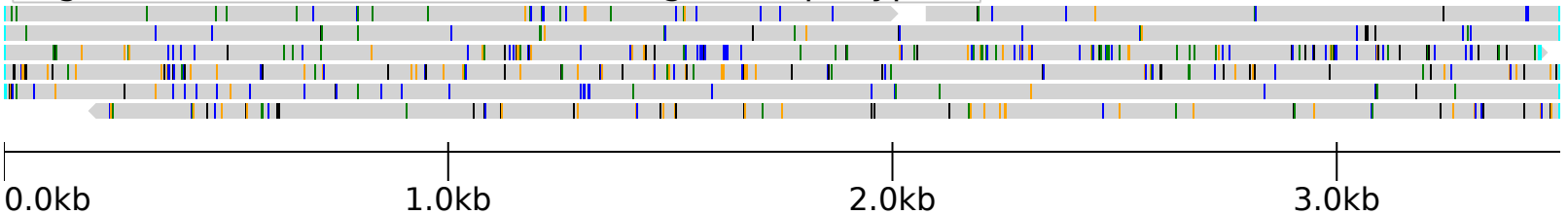
**HLA-A\*11:01:01:01**

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



**HLA-A\*11:01:01:01 (identity: 100.00%)**

**Sample: NA12878**

**Locus: HLA-B**

**Resolution: 4th field**

**Full typing result:**

**HLA-B\*56:01:01:15**

**HLA-B\*55:02:01:04**

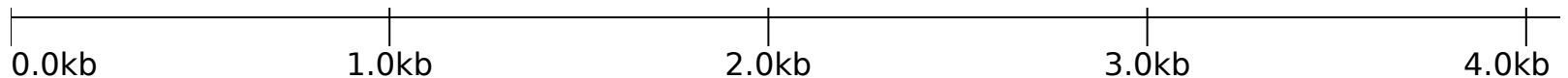
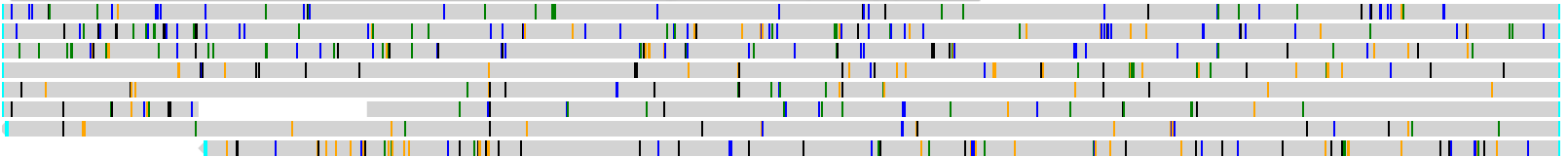
bam coverage



variants

|

Alignment (reference: reconstructed gene haplotype 1)



HLA-B\*56:01:01:15 (identity: 99.95%)



HLA-B\*55:02:01:04 (identity: 99.93%)



**Sample: NA12878**

**Locus: HLA-B**

**Resolution: 4th field**

**Full typing result:**

**HLA-B\*08:01:01:01**

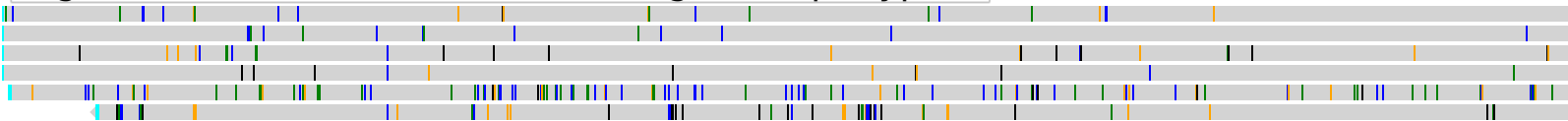
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

4.0kb

HLA-B\*08:01:01:01 (identity: 99.98%)



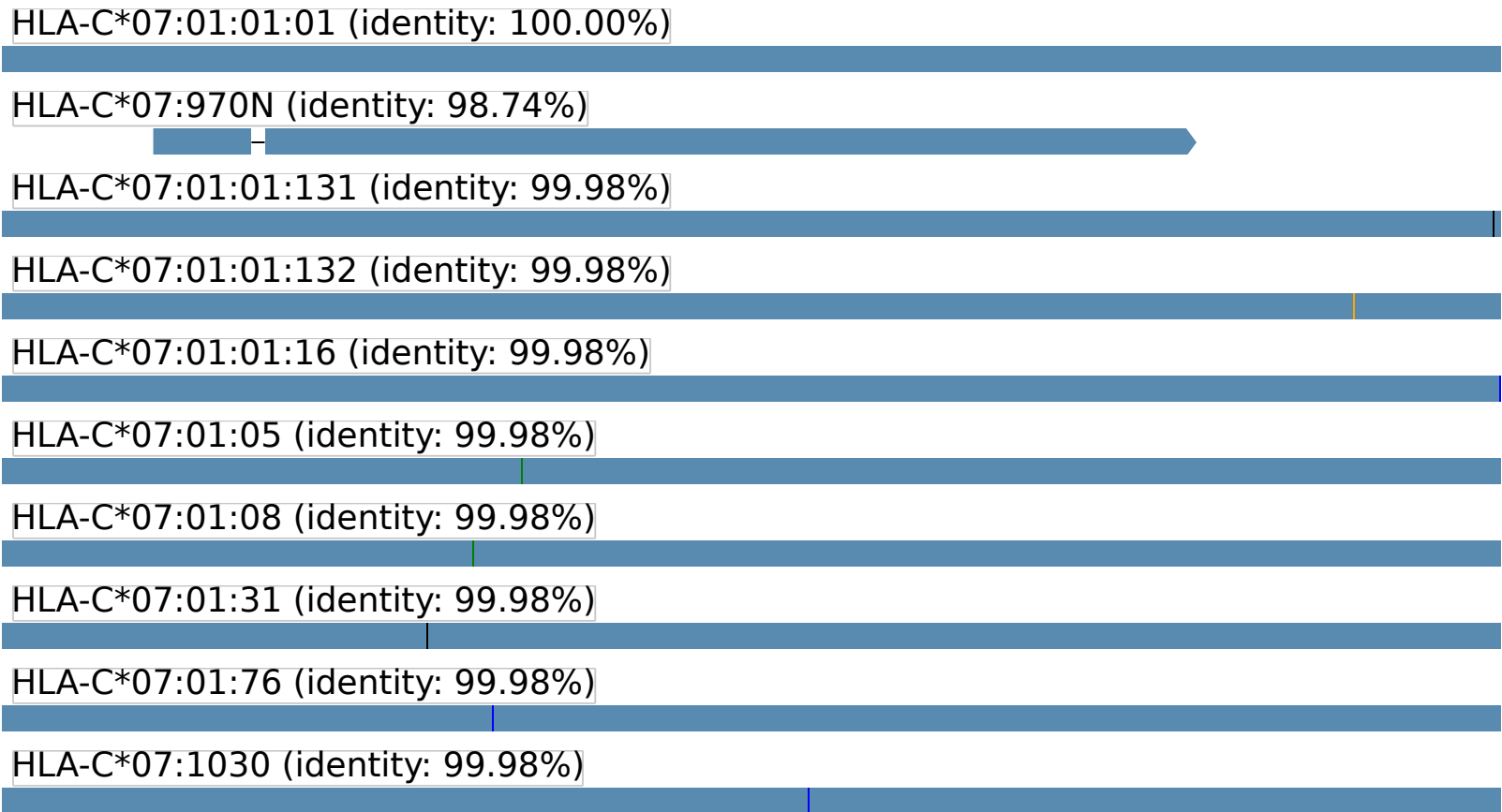
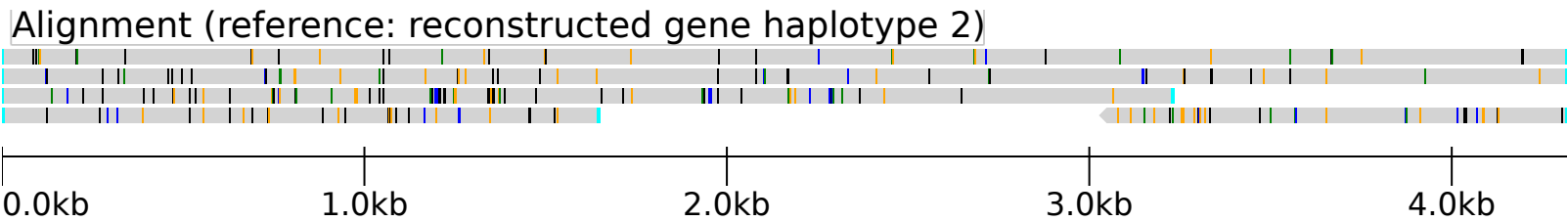
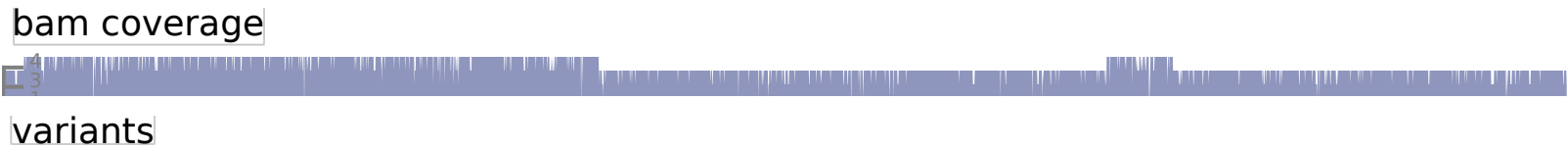
Sample: NA12878

Locus: HLA-C

Resolution: 4th field

Full typing result:

- HLA-C\*07:01:01:01
- HLA-C\*07:970N
- HLA-C\*07:01:01:131
- HLA-C\*07:01:01:132
- HLA-C\*07:01:01:16
- HLA-C\*07:01:05
- HLA-C\*07:01:08
- HLA-C\*07:01:31
- HLA-C\*07:01:76
- HLA-C\*07:1030



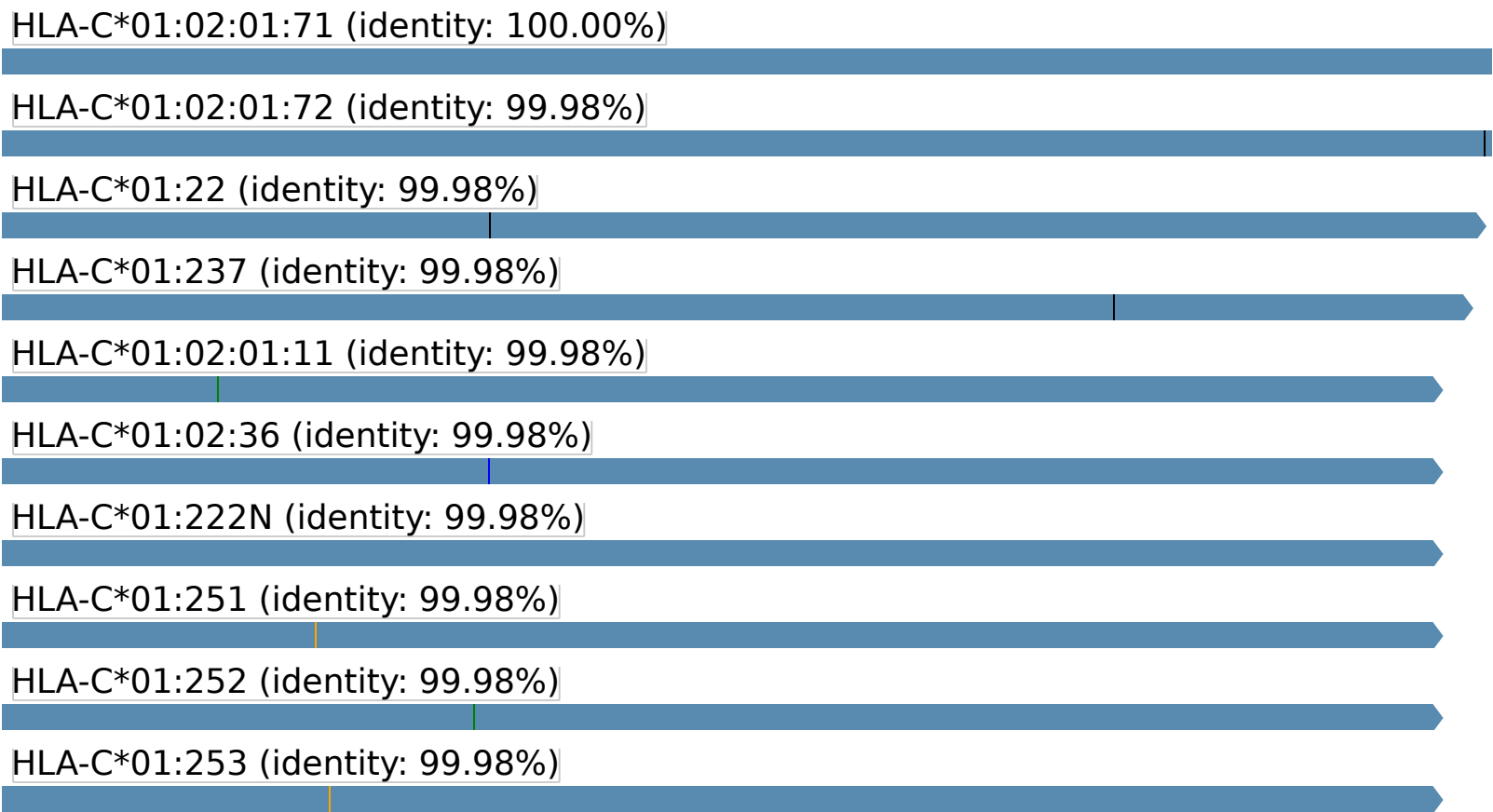
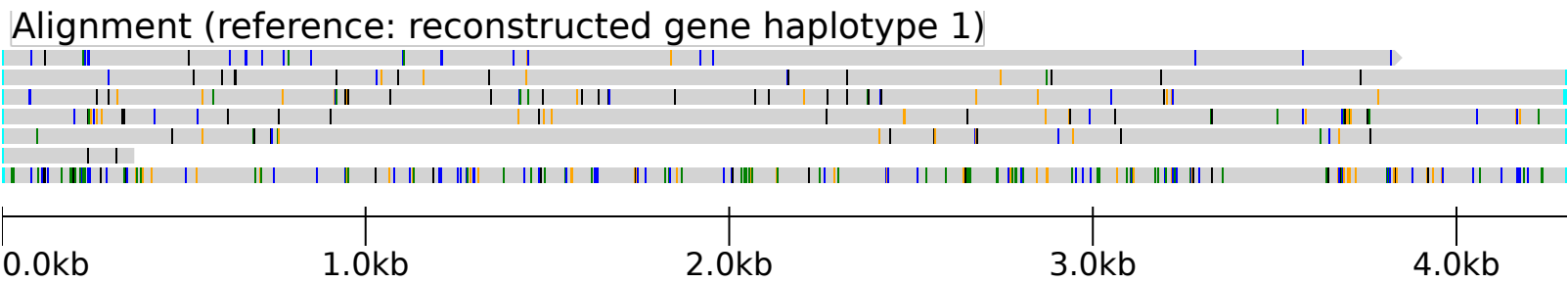
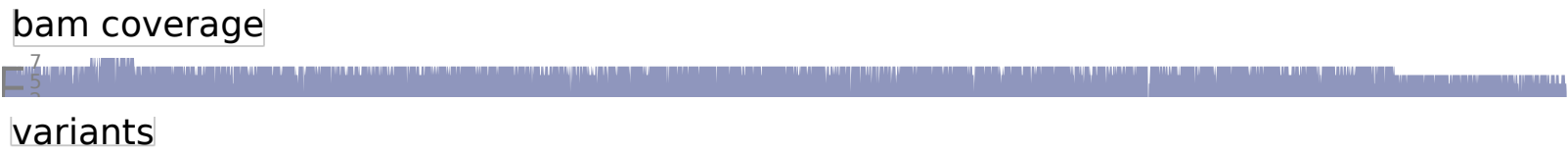
Sample: NA12878

Locus: HLA-C

Resolution: 4th field

Full typing result:

- HLA-C\*01:02:01:71
- HLA-C\*01:02:01:72
- HLA-C\*01:22
- HLA-C\*01:237
- HLA-C\*01:02:01:11
- HLA-C\*01:02:36
- HLA-C\*01:222N
- HLA-C\*01:251
- HLA-C\*01:252
- HLA-C\*01:253



**Sample: NA12878**

**Locus: HLA-DMA**

**Resolution: 4th field**

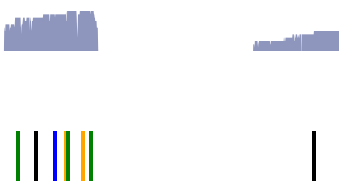
**Full typing result:**

**HLA-DMA\*01:01:01:01**

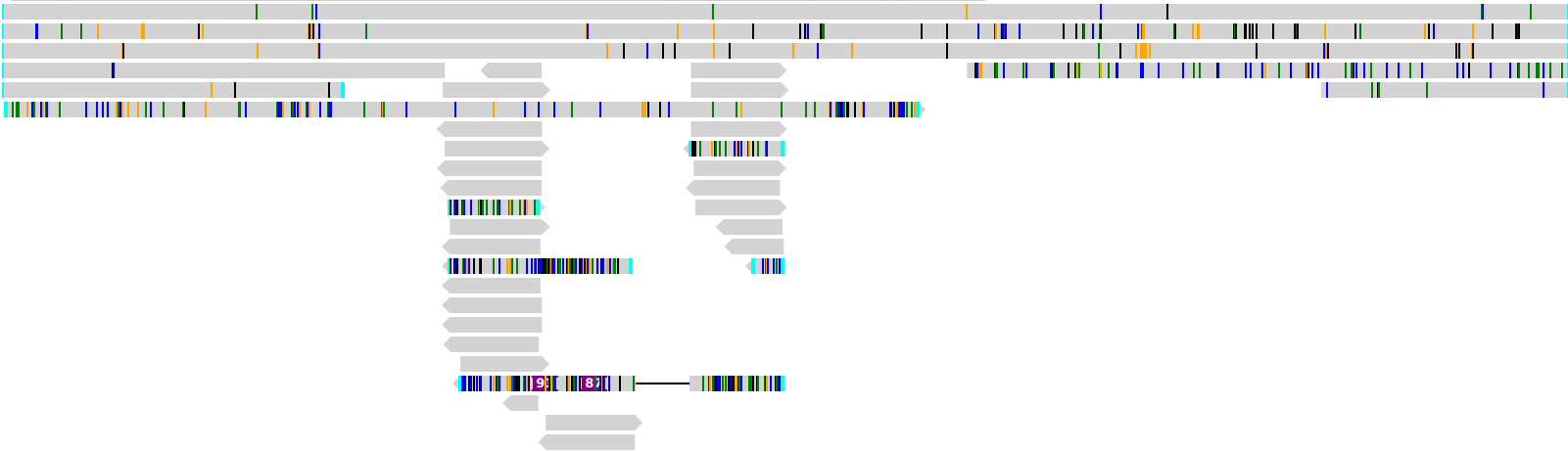
bam coverage

18  
12

variants



Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

4.0kb

5.0kb

HLA-DMA\*01:01:01:01 (identity: 99.98%)



Sample: NA12878

Locus: HLA-DMA

Resolution: 4th field

Full typing result:

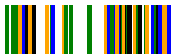
HLA-DMA\*01:01:01:02    HLA-DMA\*01:01:01:04    HLA-DMA\*01:01:01:01

HLA-DMA\*01:02:01:01

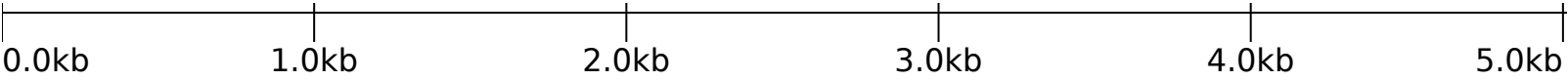
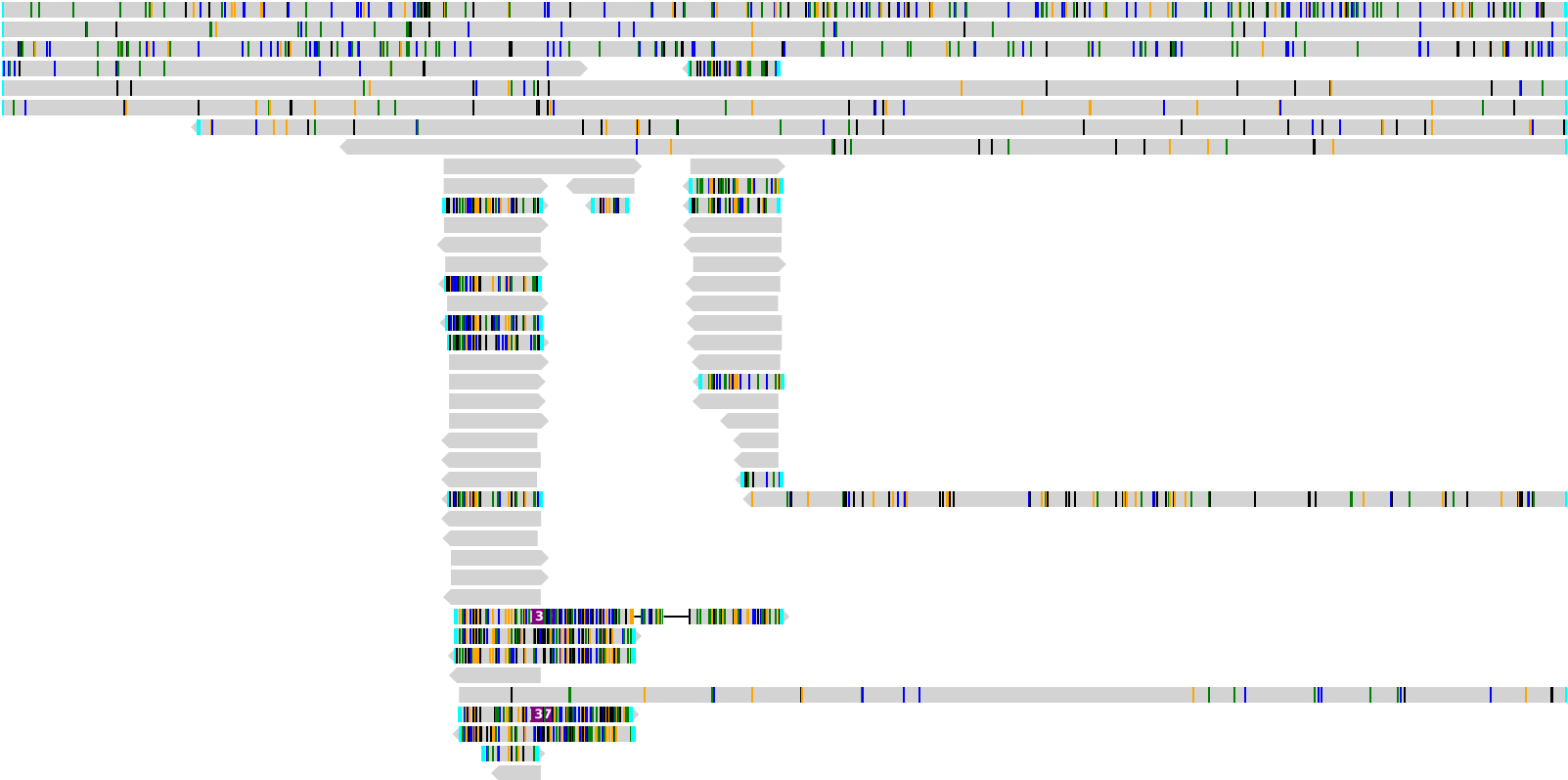
bam coverage

34  
23  
11

variants



Alignment (reference: reconstructed gene haplotype 1)

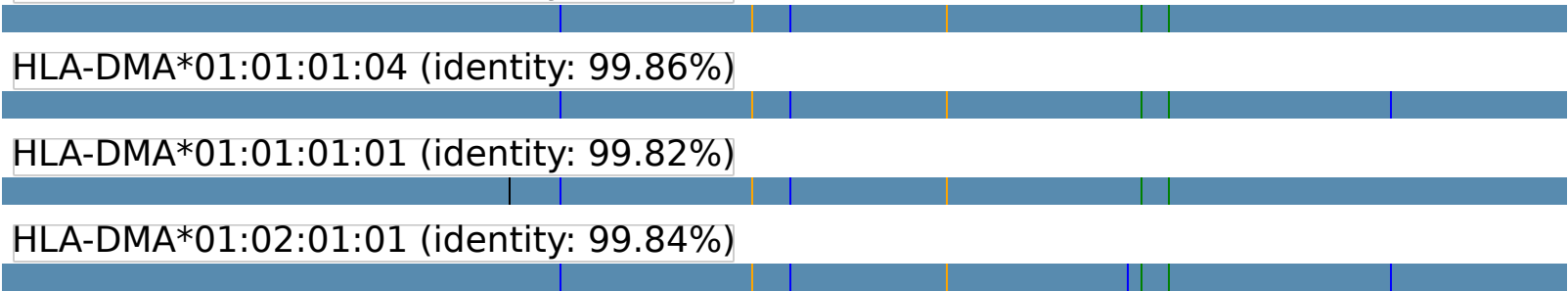


HLA-DMA\*01:01:01:02 (identity: 99.88%)

HLA-DMA\*01:01:01:04 (identity: 99.86%)

HLA-DMA\*01:01:01:01 (identity: 99.82%)

HLA-DMA\*01:02:01:01 (identity: 99.84%)





**Sample: NA12878**

**Locus: HLA-DMB**

**Resolution: 4th field**

**Full typing result:**

**HLA-DMB\*01:01:01:01**

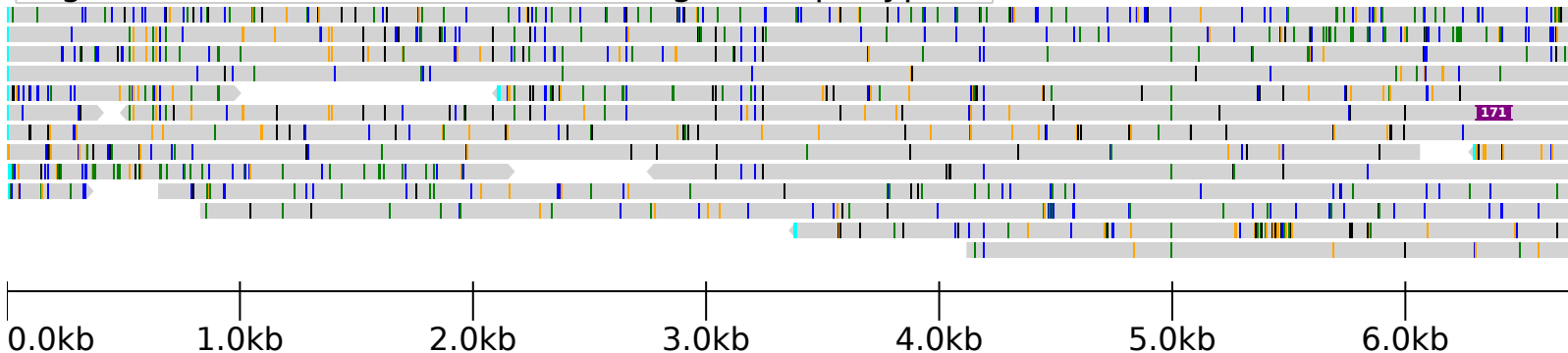
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



**HLA-DMB\*01:01:01:01 (identity: 99.99%)**



**Sample: NA12878**

**Locus: HLA-DOA**

**Resolution: 4th field**

**Full typing result:**

**HLA-DOA\*01:01:02:20**

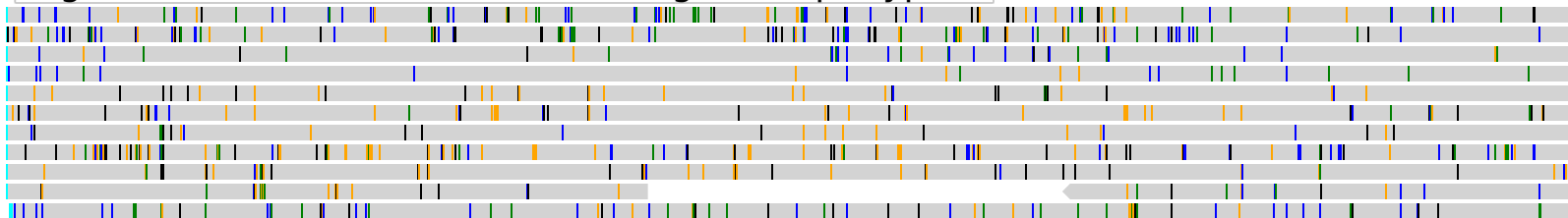
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

**HLA-DOA\*01:01:02:20 (identity: 100.00%)**

**Sample: NA12878**

**Locus: HLA-DOA**

**Resolution: 4th field**

**Full typing result:**

**HLA-DOA\*01:01:02:06**

**HLA-DOA\*01:01:02:20**

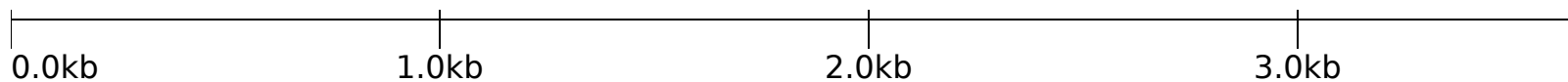
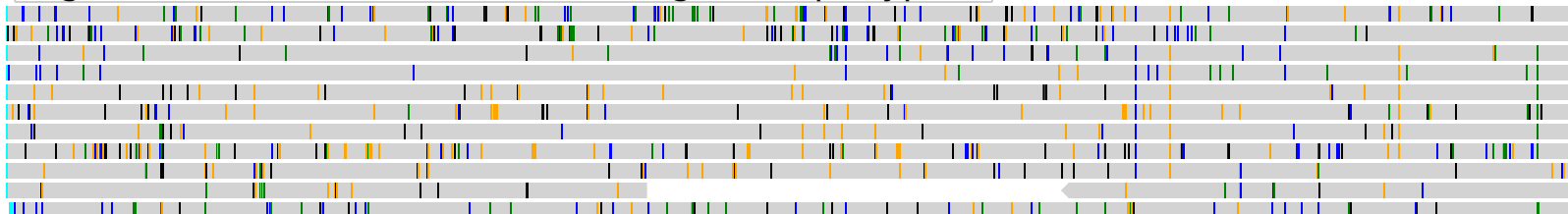
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-DOA\*01:01:02:06 (identity: 99.92%)



HLA-DOA\*01:01:02:20 (identity: 99.89%)



**Sample: NA12878**

**Locus: HLA-DOB**

**Resolution: 4th field**

**Full typing result:**

**HLA-DOB\*01:05**

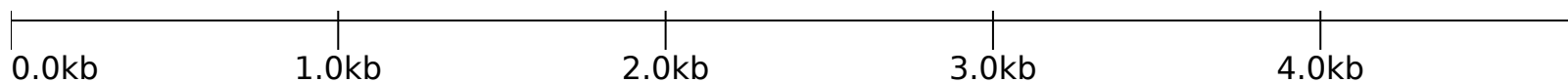
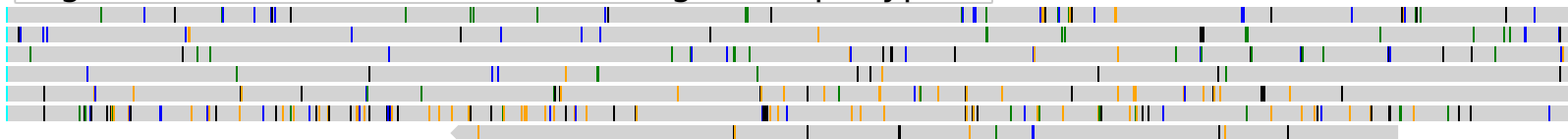
**HLA-DOB\*01:01:01:04**

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-DOB\*01:05 (identity: 99.96%)



HLA-DOB\*01:01:01:04 (identity: 99.94%)



**Sample: NA12878**

**Locus: HLA-DOB**

**Resolution: 4th field**

**Full typing result:**

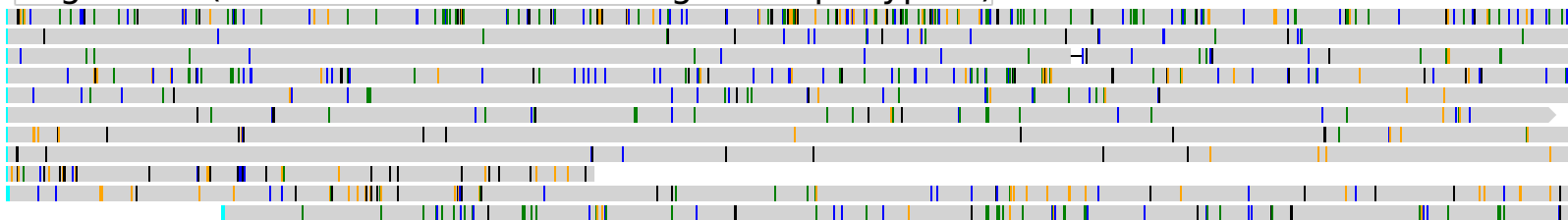
**HLA-DOB\*01:01:03:02**

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

4.0kb

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

**Sample: NA12878**

**Locus: HLA-DPA1**

**Resolution: 4th field**

**Full typing result:**

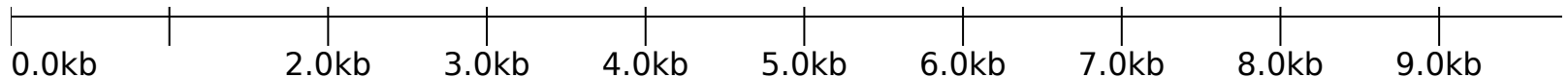
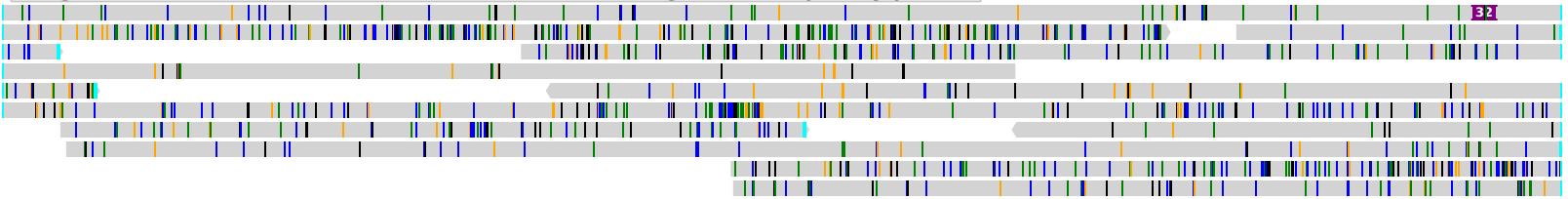
**HLA-DPA1\*01:03:01:02**

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-DPA1\*01:03:01:02 (identity: 99.98%)



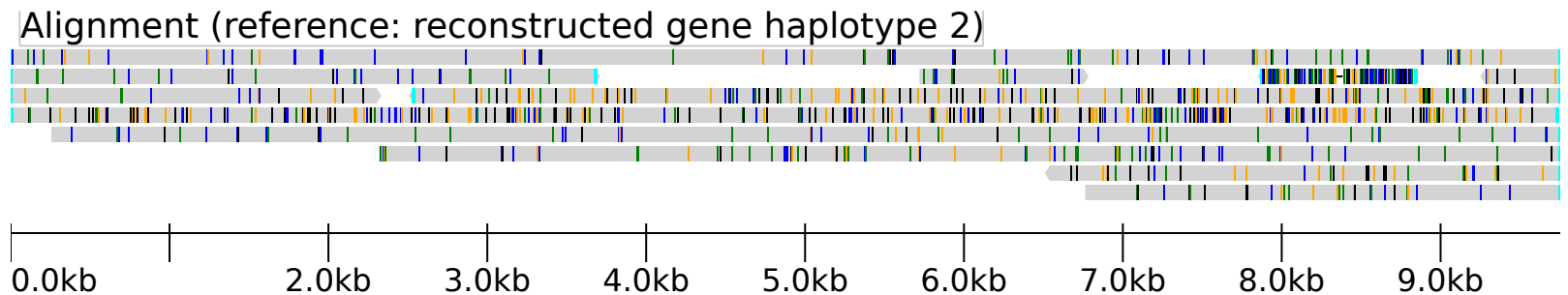
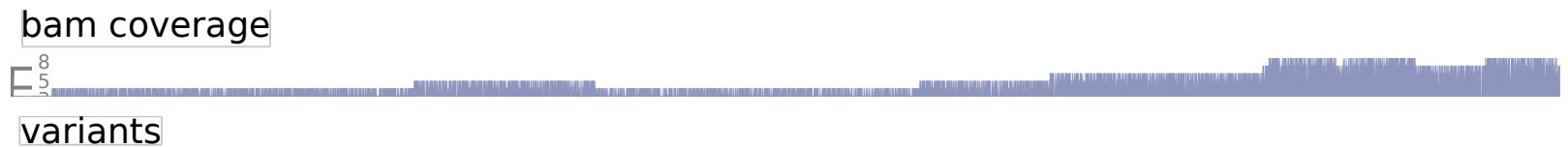
**Sample: NA12878**

**Locus: HLA-DPA1**

**Resolution: 4th field**

**Full typing result:**

**HLA-DPA1\*02:01:01:02**



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

**Sample: NA12878**

**Locus: HLA-DPA2**

**Resolution: 4th field**

**Full typing result:**

**HLA-DPA2\*01:01:02**

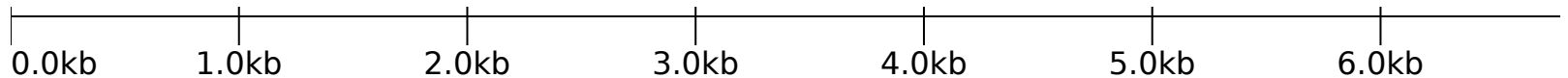
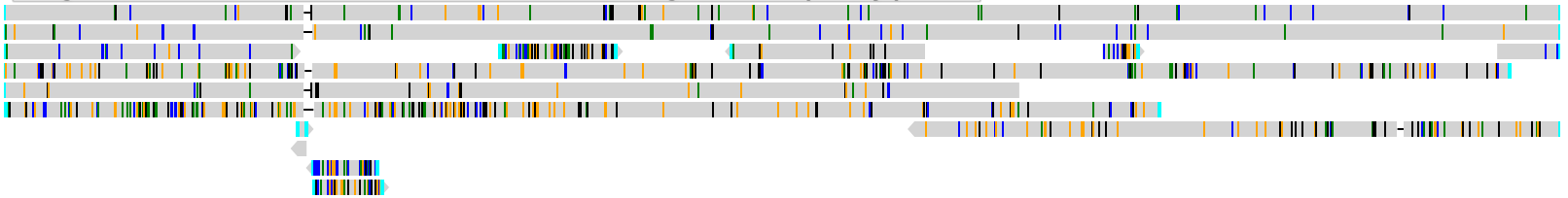
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-DPA2\*01:01:02 (identity: 99.66%)





**Sample: NA12878**

**Locus: HLA-DPA2**

**Resolution: 4th field**

**Full typing result:**

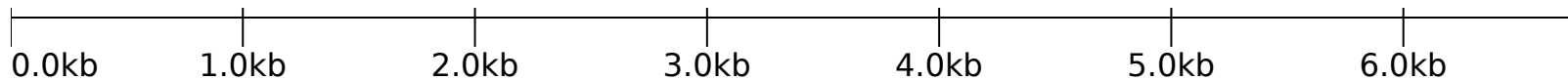
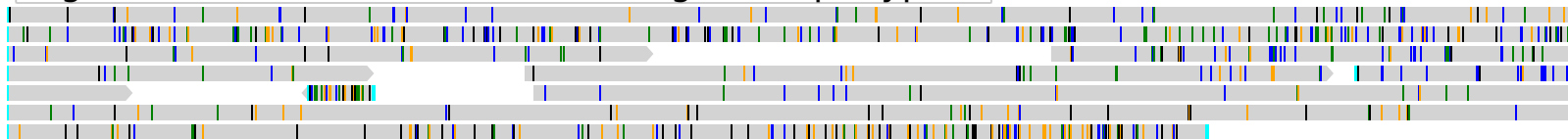
**HLA-DPA2\*01:01:01:01**

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



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

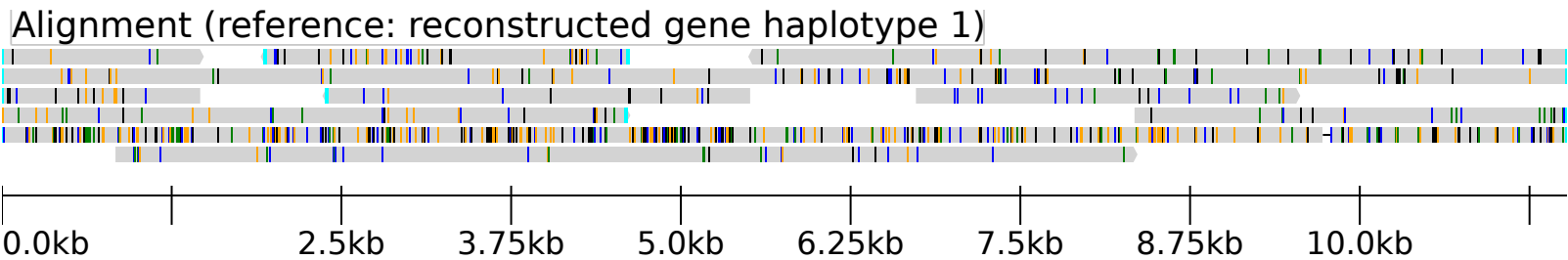
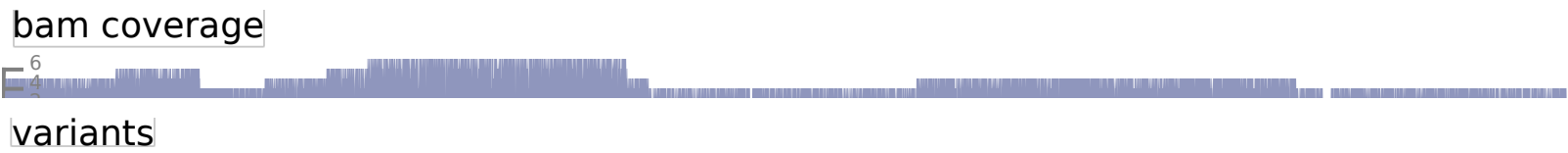
Sample: NA12878

Locus: HLA-DPB1

Resolution: 4th field

Full typing result:

- HLA-DPB1\*128:01
- 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*128:01 (identity: 100.00%)	
HLA-DPB1*04:01:01:01 (identity: 99.99%)	
HLA-DPB1*04:01:01:35 (identity: 99.92%)	
HLA-DPB1*04:01:01:06 (identity: 99.96%)	
HLA-DPB1*1423:01N (identity: 99.96%)	
HLA-DPB1*04:01:01:02 (identity: 99.92%)	
HLA-DPB1*04:01:01:04 (identity: 99.96%)	
HLA-DPB1*04:01:01:07 (identity: 99.98%)	
HLA-DPB1*04:01:01:08 (identity: 99.98%)	
HLA-DPB1*04:01:01:10 (identity: 99.98%)	

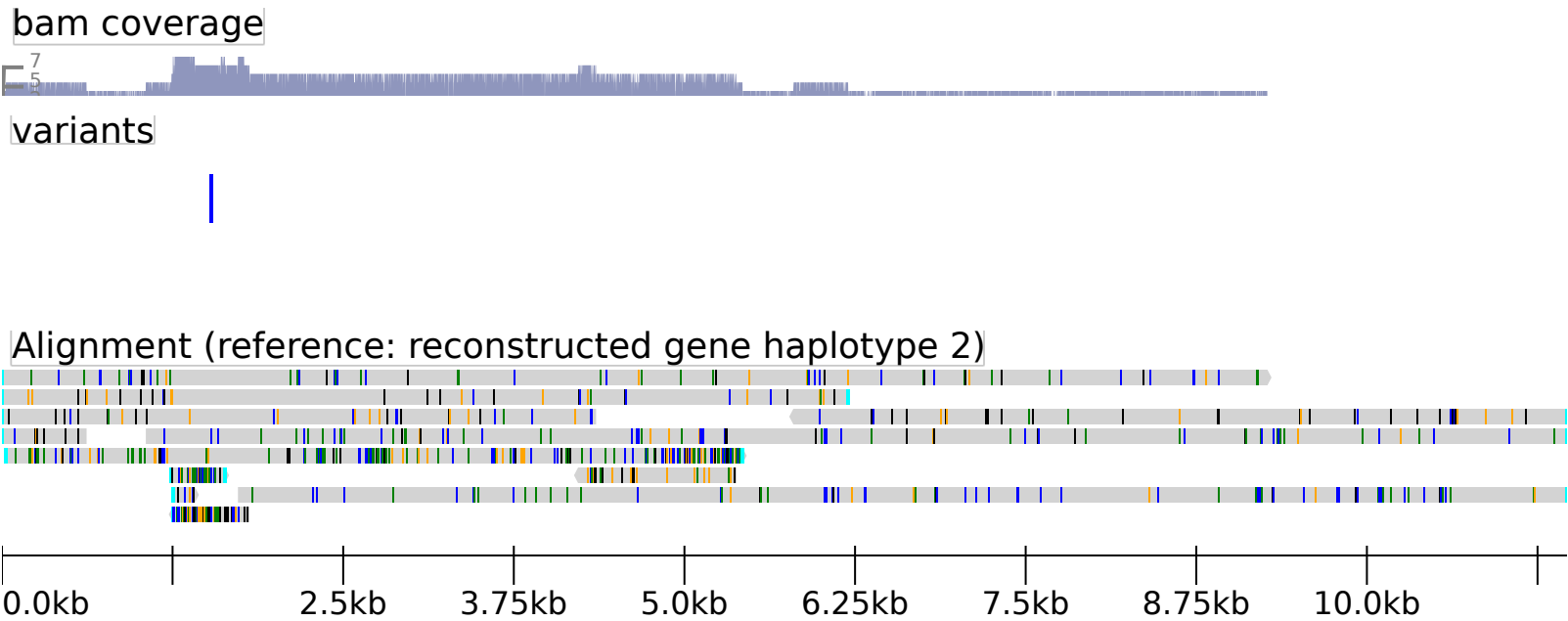
Sample: NA12878

Locus: HLA-DPB1

Resolution: 4th field

Full typing result:

- HLA-DPB1\*14:01:01:01
- HLA-DPB1\*1384:01
- HLA-DPB1\*1395:01
- HLA-DPB1\*1414:01
- HLA-DPB1\*14:01:01:02
- HLA-DPB1\*14:01:01:03
- HLA-DPB1\*14:01:01:05
- HLA-DPB1\*14:01:01:06
- HLA-DPB1\*14:01:01:07
- HLA-DPB1\*14:01:01:08



HLA-DPB1*14:01:01:01 (identity: 100.00%)	
HLA-DPB1*1384:01 (identity: 99.99%)	
HLA-DPB1*1395:01 (identity: 99.99%)	
HLA-DPB1*1414:01 (identity: 99.99%)	
HLA-DPB1*14:01:01:02 (identity: 99.99%)	
HLA-DPB1*14:01:01:03 (identity: 99.99%)	
HLA-DPB1*14:01:01:05 (identity: 99.99%)	
HLA-DPB1*14:01:01:06 (identity: 99.99%)	
HLA-DPB1*14:01:01:07 (identity: 99.99%)	
HLA-DPB1*14:01:01:08 (identity: 99.99%)	

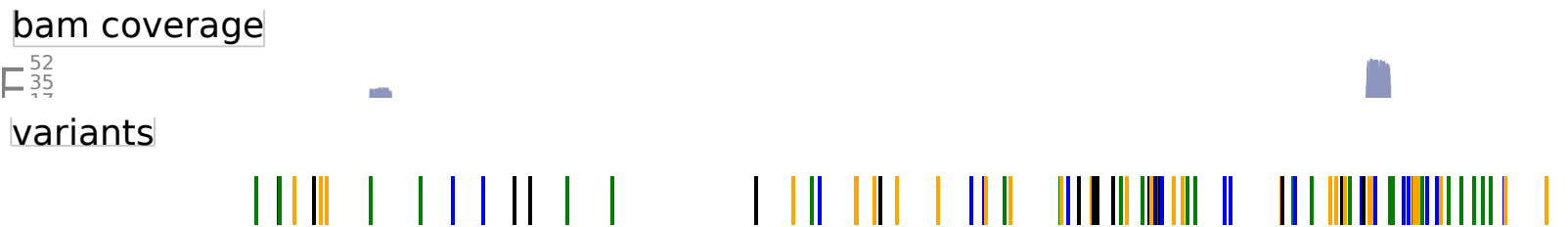
Sample: NA12878

Locus: HLA-DPB2

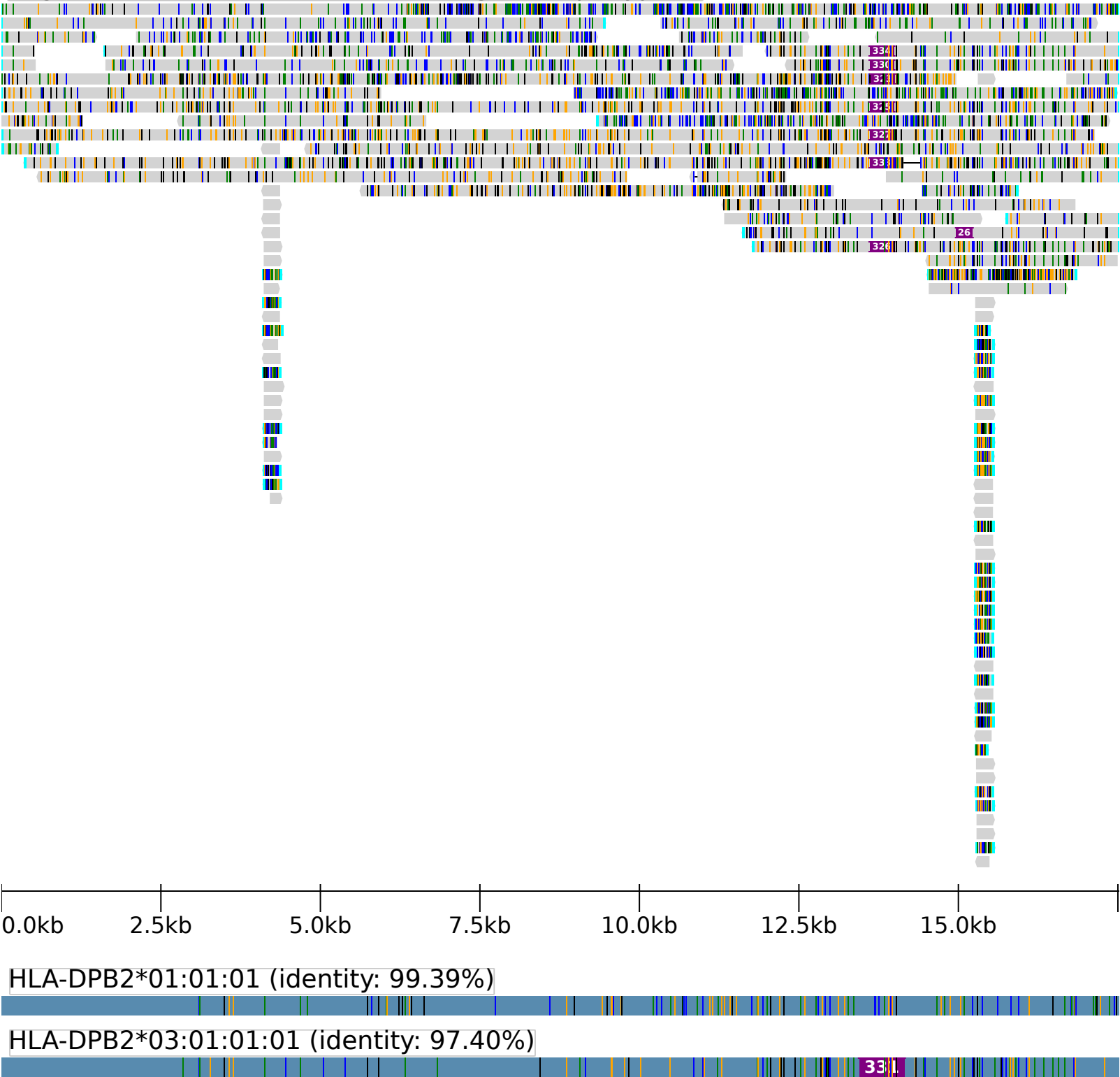
Resolution: 4th field

Full typing result:

HLA-DPB2\*01:01:01    HLA-DPB2\*03:01:01:01



Alignment (reference: reconstructed gene haplotype 2)



Sample: NA12878

Locus: HLA-DPB2

Resolution: 4th field

Full typing result:

HLA-DPB2\*03:01:01:01

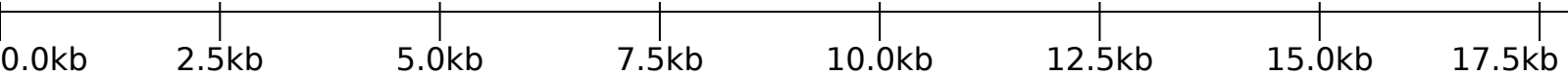
bam coverage

35  
23  
43

variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DPB2\*03:01:01:01 (identity: 99.99%)



**Sample: NA12878**

**Locus: HLA-DQA1**

**Resolution: 4th field**

**Full typing result:**

**HLA-DQA1\*05:01:01:02**

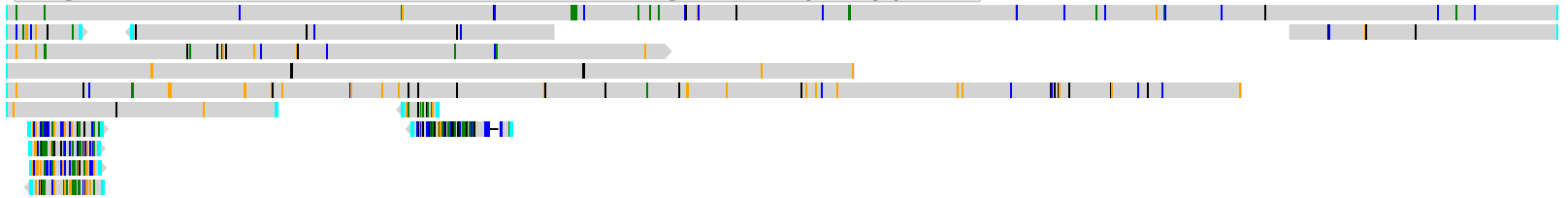
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-DQA1\*05:01:01:02 (identity: 100.00%)

**Sample: NA12878**

**Locus: HLA-DQA1**

**Resolution: 4th field**

**Full typing result:**

HLA-DQA1\*01:01:01:05

HLA-DQA1\*01:01:01:01

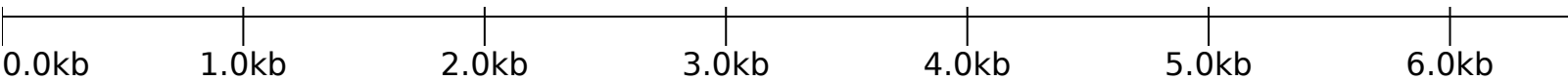
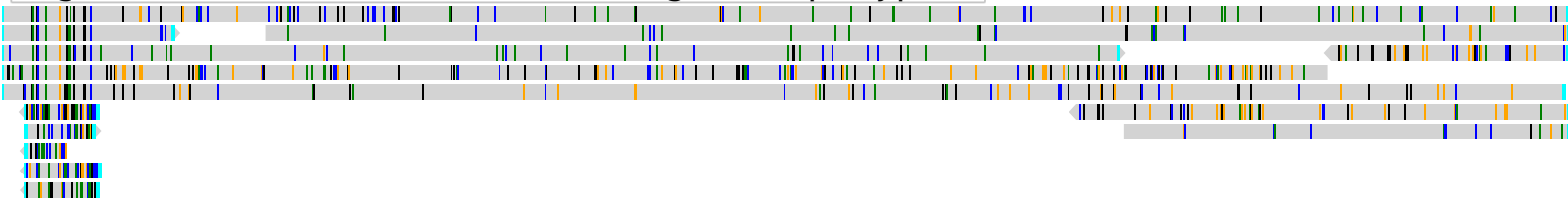
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DQA1\*01:01:01:05 (identity: 99.78%)



HLA-DQA1\*01:01:01:01 (identity: 99.77%)



**Sample: NA12878**

**Locus: HLA-DQA2**

**Resolution: 4th field**

**Full typing result:**

**HLA-DQA2\*01:01:01:01**

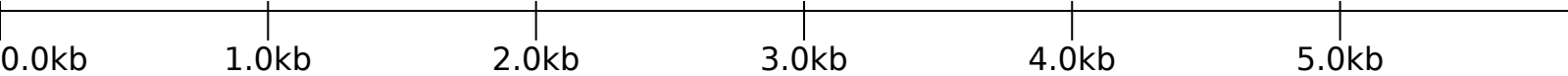
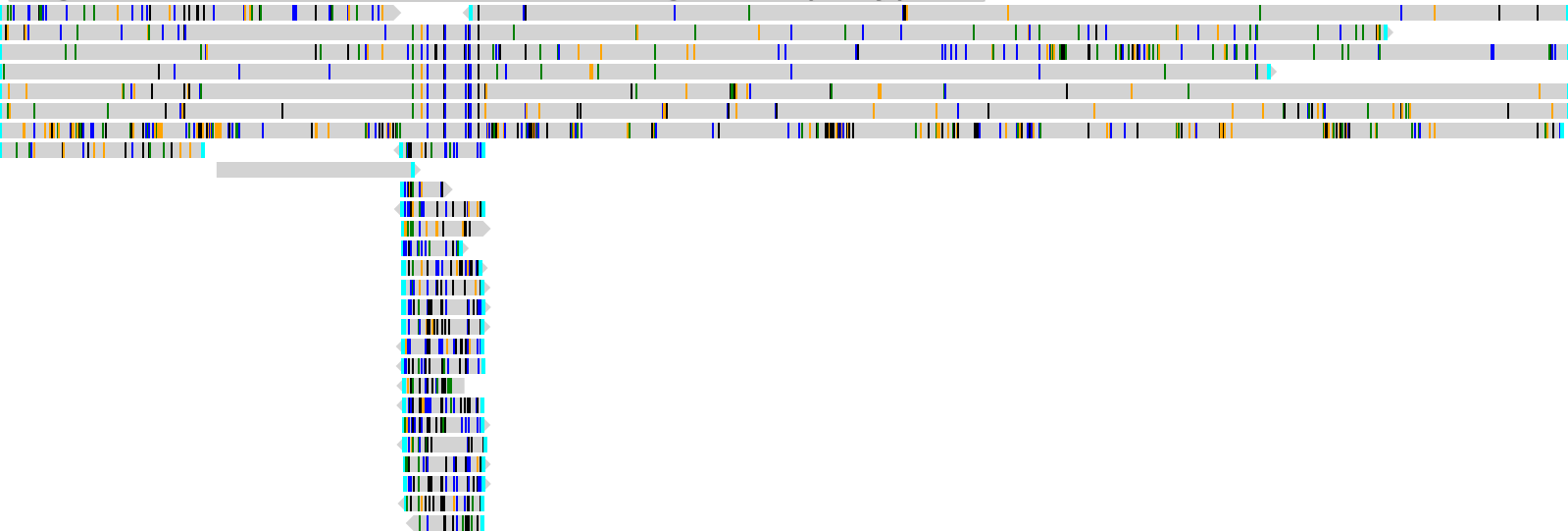
bam coverage

22  
15

variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-DQA2\*01:01:01:01 (identity: 99.80%)





**Sample: NA12878**

**Locus: HLA-DQA2**

**Resolution: 4th field**

**Full typing result:**

**HLA-DQA2\*01:01:02:01**

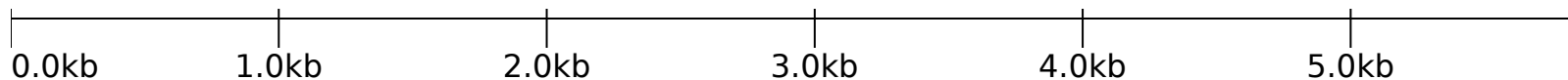
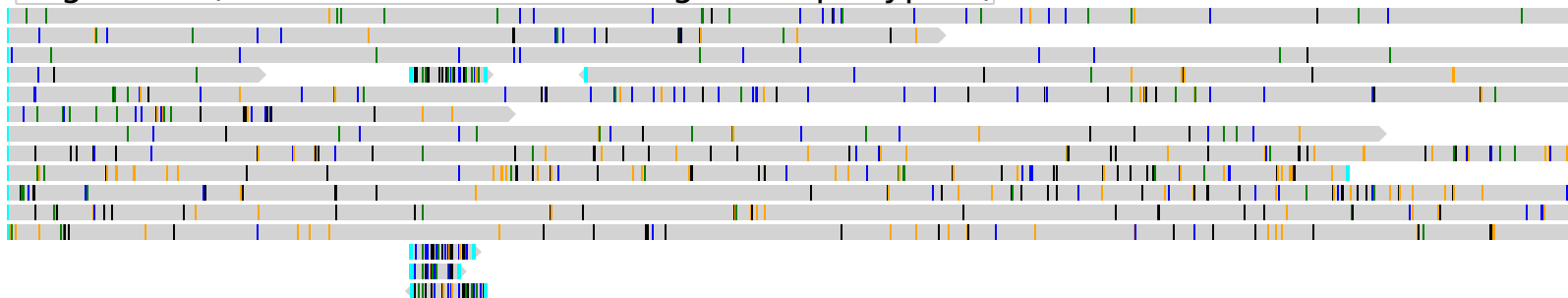
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



**HLA-DQA2\*01:01:02:01 (identity: 100.00%)**



**Sample: NA12878**

**Locus: HLA-DQB1**

**Resolution: 4th field**

**Full typing result:**

**HLA-DQB1\*05:01:01:03**

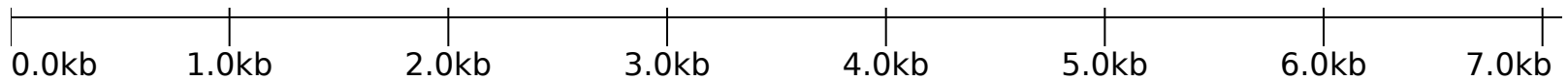
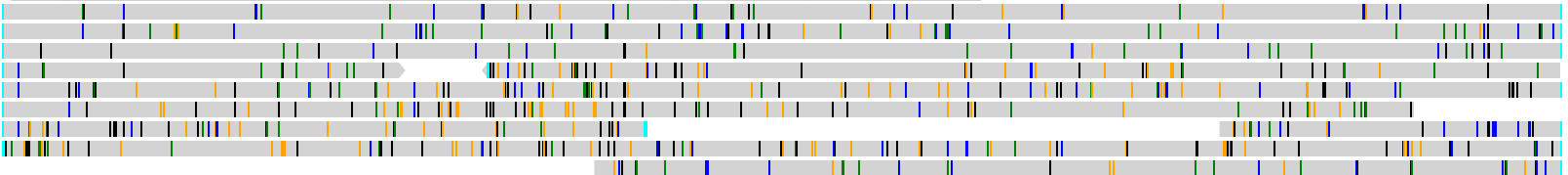
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



**HLA-DQB1\*05:01:01:03 (identity: 99.99%)**



**Sample: NA12878**

**Locus: HLA-DQB1**

**Resolution: 4th field**

**Full typing result:**

**HLA-DQB1\*02:01:01:01**

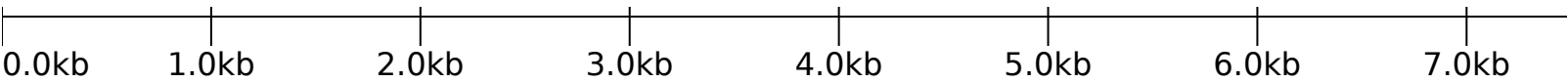
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



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



**Sample: NA12878**

**Locus: HLA-DQB2**

**Resolution: 4th field**

**Full typing result:**

**HLA-DQB2\*01:01:01:01**

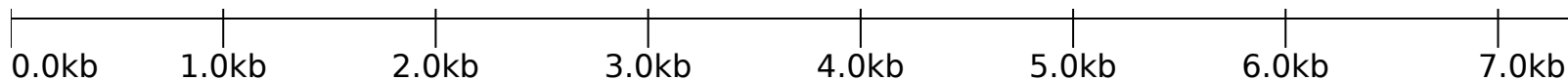
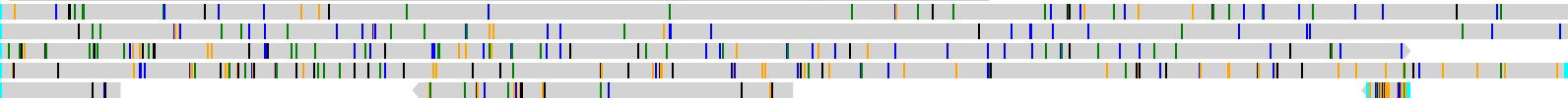
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA12878

Locus: HLA-DRA

Resolution: 4th field

Full typing result:

HLA-DRA\*01:02:02:01

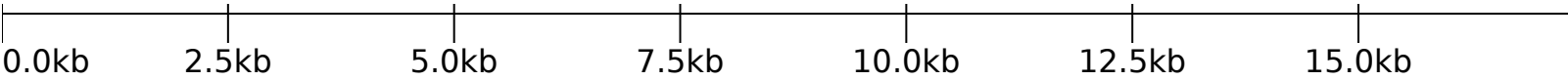
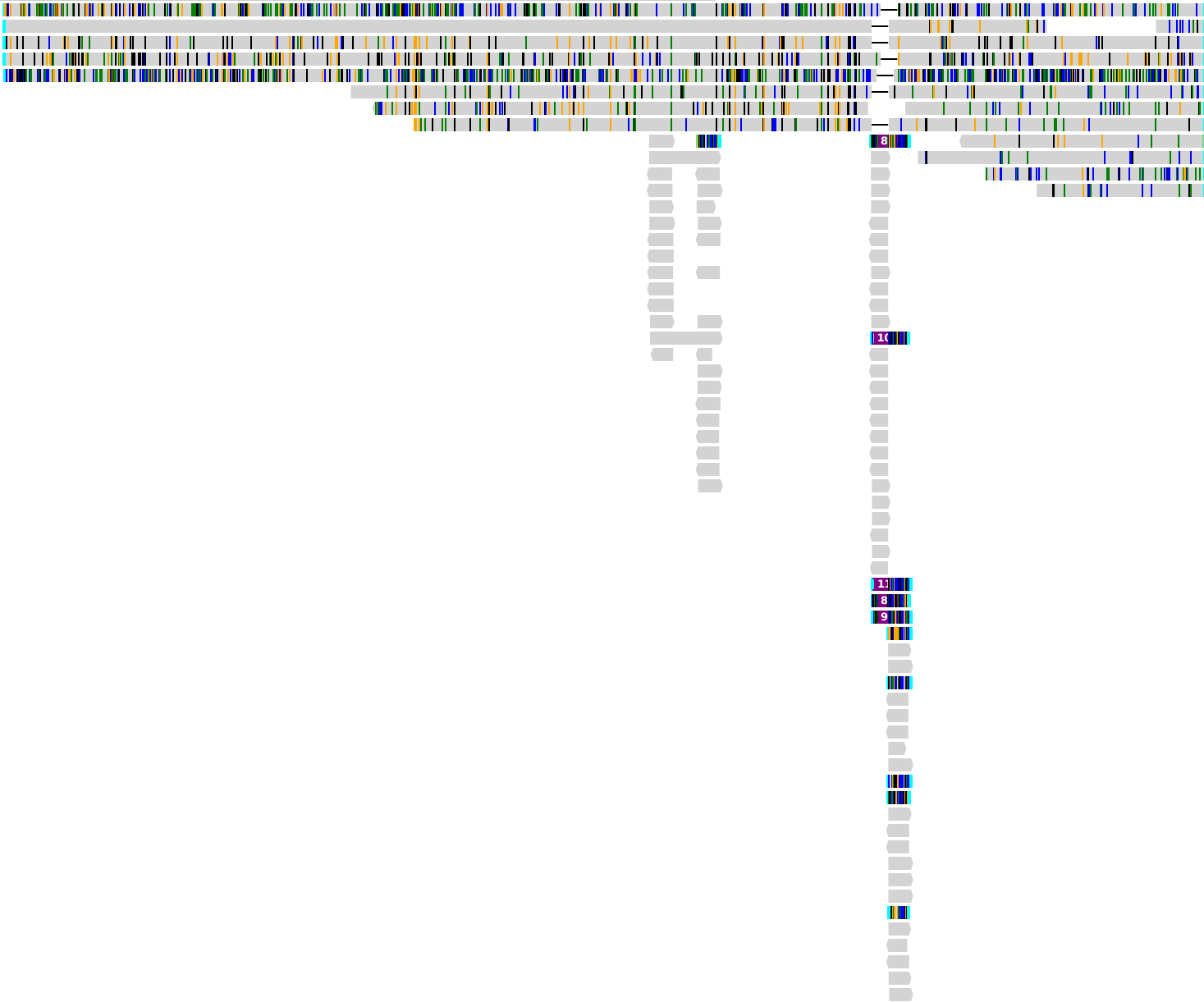
bam coverage

34  
23  
4

variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DRA\*01:02:02:01 (identity: 95.40%)



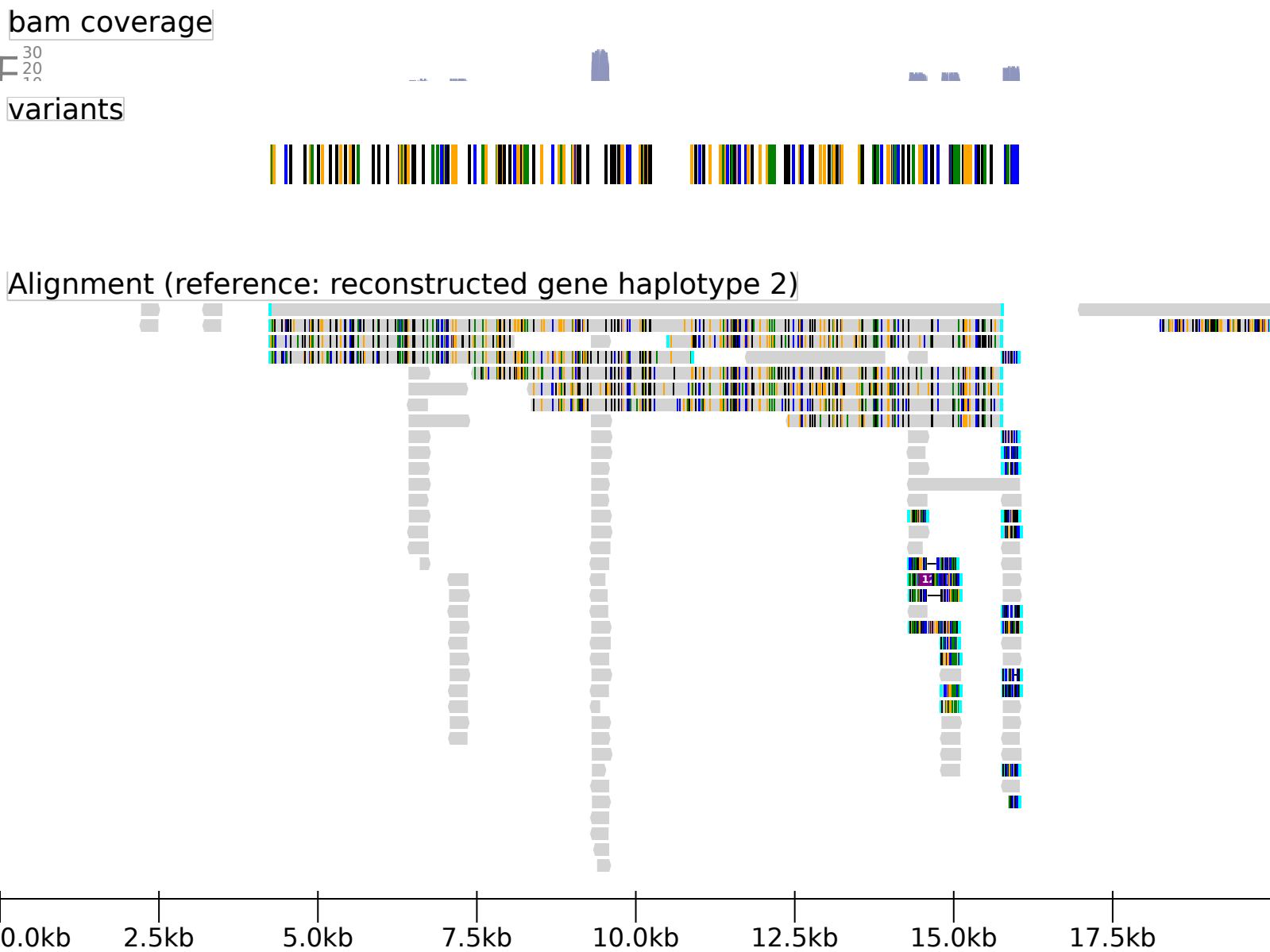
Sample: NA12878

Locus: HLA-DRA

Resolution: 4th field

Full typing result:

HLA-DRA\*01:01:01:05    HLA-DRA\*01:01:01:04



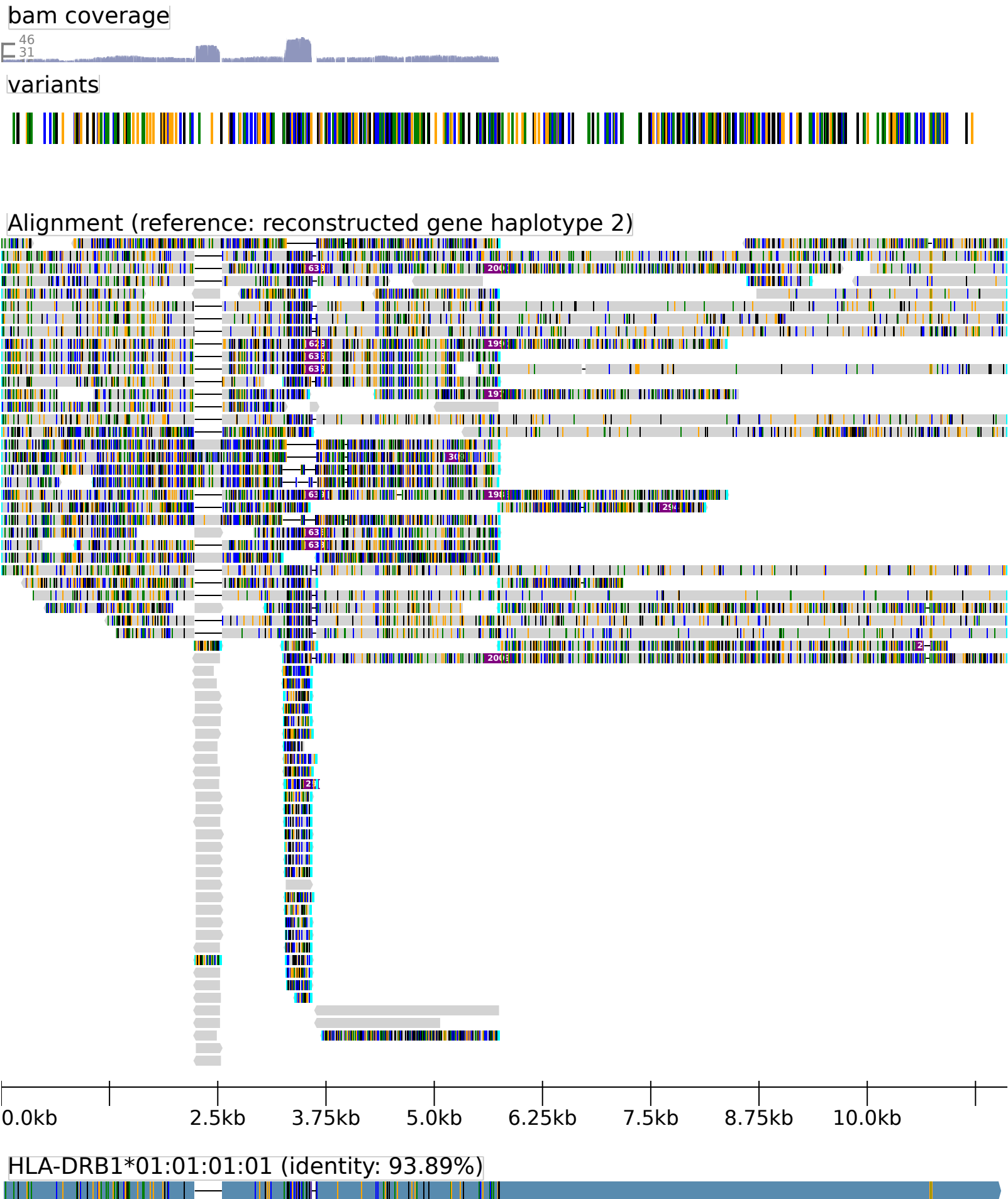
Sample: NA12878

Locus: HLA-DRB1

Resolution: 4th field

Full typing result:

HLA-DRB1\*01:01:01:01



HLA-DRB1\*03:01:01:01 (identity: 43.45%)



**Sample: NA12878**

**Locus: HLA-DRB3**

**Resolution: 4th field**

**Full typing result:**

**HLA-DRB3\*02:02:01:02**

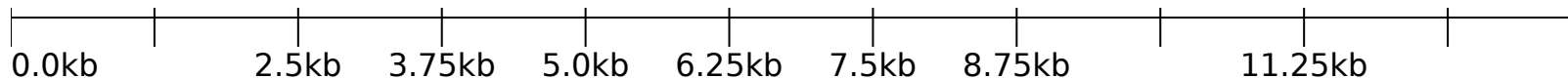
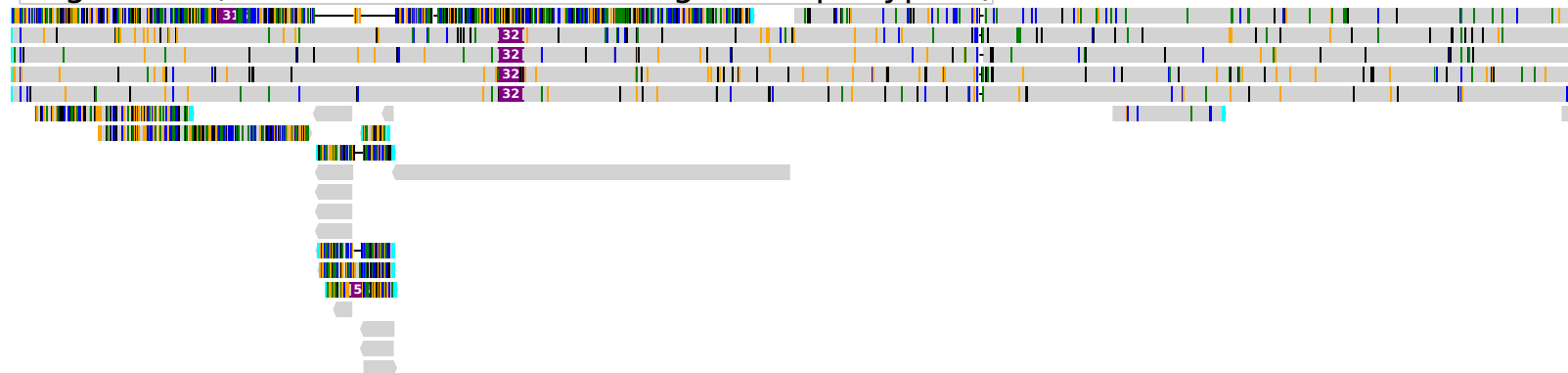
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



**HLA-DRB3\*02:02:01:02 (identity: 98.36%)**



**Sample: NA12878**

**Locus: HLA-DRB3**

**Resolution: 4th field**

**Full typing result:**

**HLA-DRB3\*03:46**

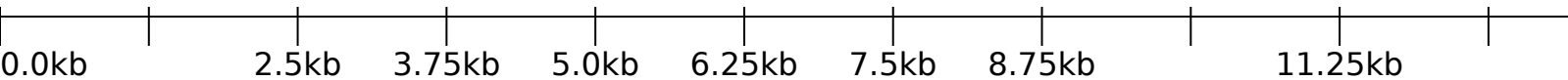
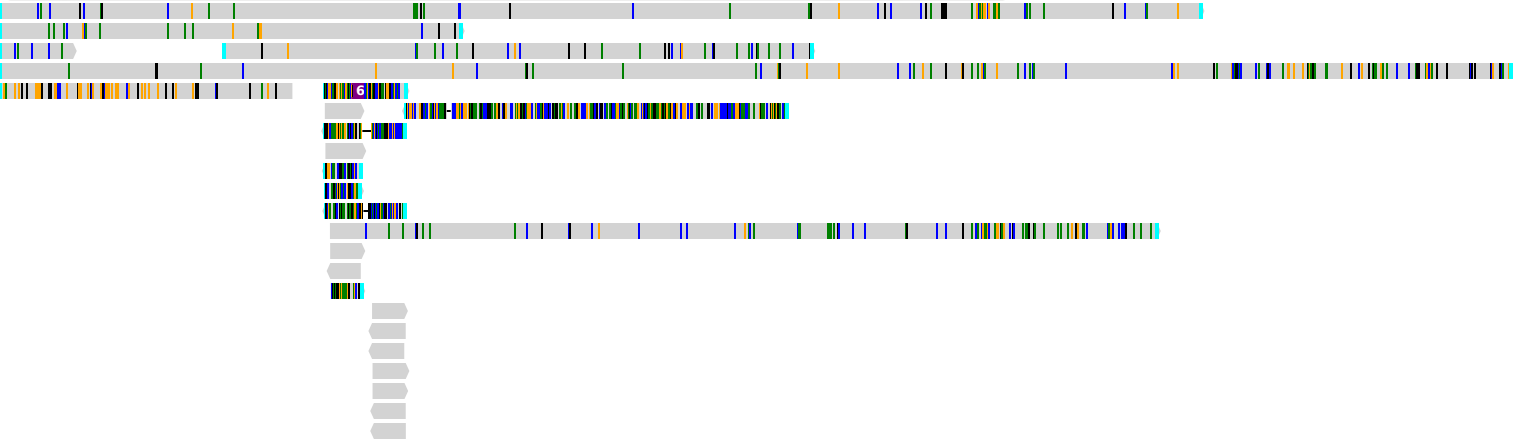
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-DRB3\*03:46 (identity: 98.34%)



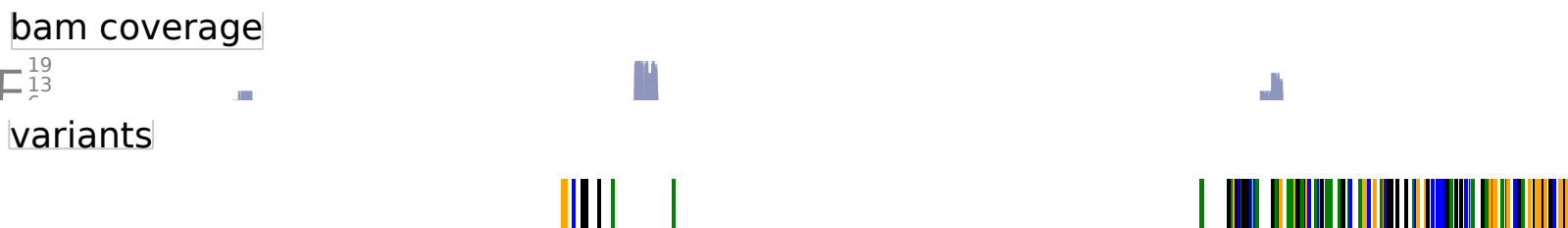
**Sample: NA12878**

**Locus: HLA-DRB4**

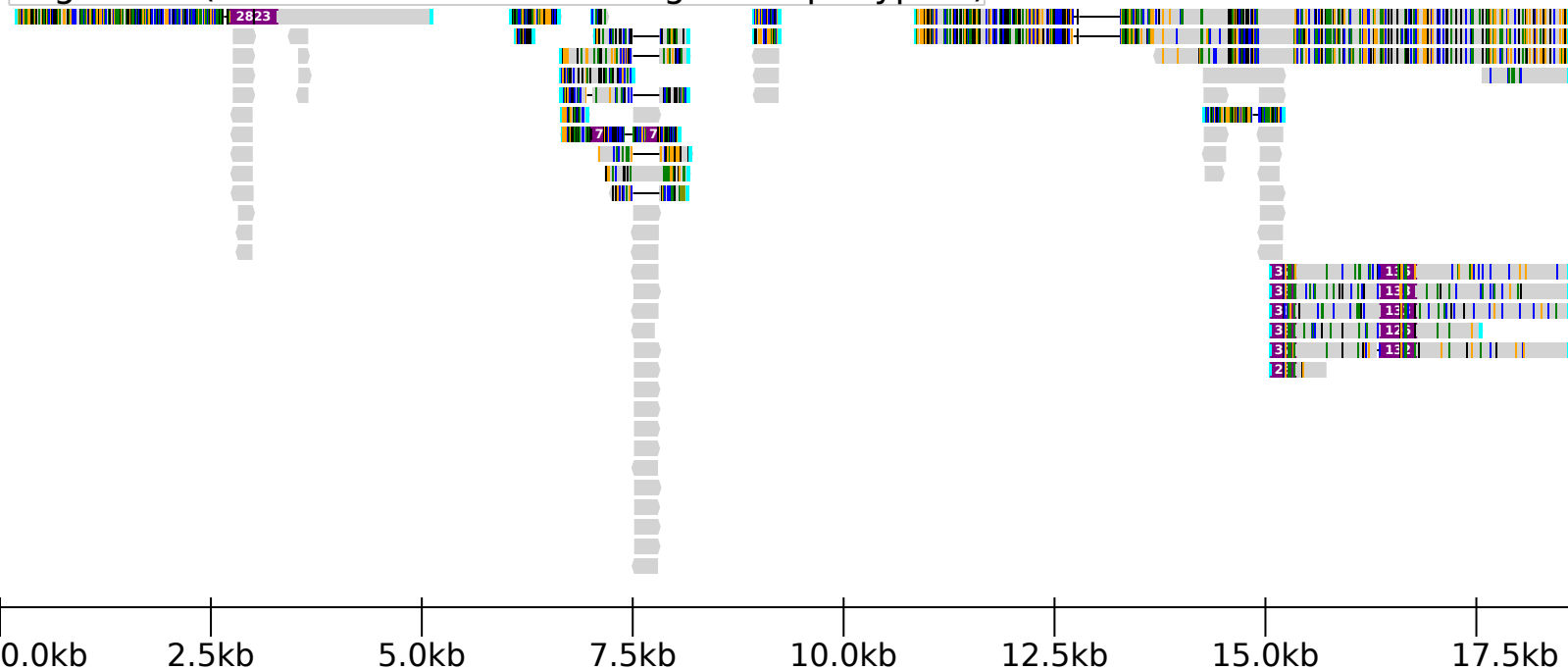
**Resolution: 4th field**

**Full typing result:**

**HLA-DRB4\*01:01:01:03**



Alignment (reference: reconstructed gene haplotype 1)



HLA-DRB4\*01:01:01:03 (identity: 63.54%)



**Sample: NA12878**

**Locus: HLA-DRB4**

**Resolution: 4th field**

**Full typing result:**

HLA-DRB4\*01:01:01:01

HLA-DRB4\*01:01:01:03

HLA-DRB4\*01:01:12

bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



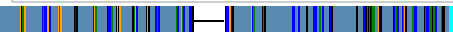
HLA-DRB4\*01:01:01:01 (identity: 72.94%)



HLA-DRB4\*01:01:01:03 (identity: 71.86%)



HLA-DRB4\*01:01:12 (identity: 72.94%)



**Sample: NA12878**

**Locus: HLA-DRB5**

**Resolution: 4th field**

**Full typing result:**

**HLA-DRB5\*01:01:01:04**

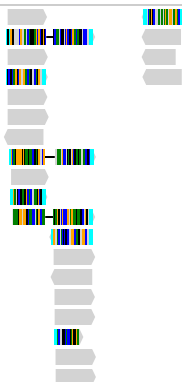
bam coverage



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\*01:01:01:04 (identity: 89.09%)**



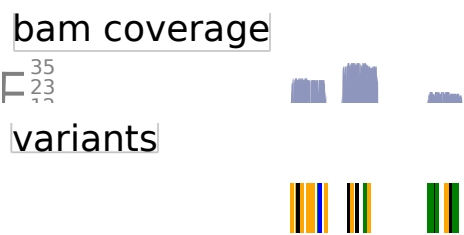
Sample: NA12878

Locus: HLA-DRB5

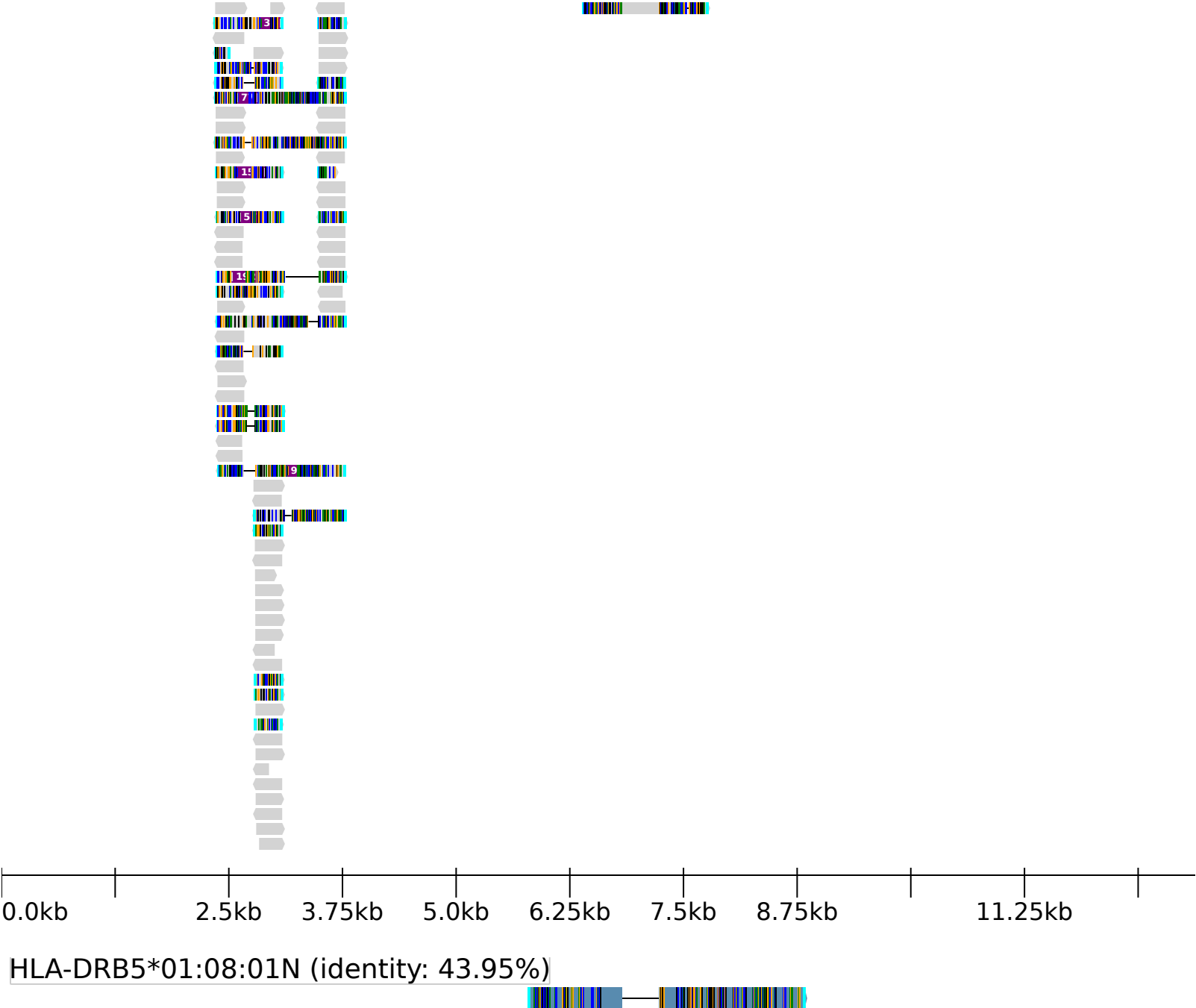
Resolution: 4th field

Full typing result:

HLA-DRB5\*01:08:01N



Alignment (reference: reconstructed gene haplotype 1)



Sample: NA12878

Locus: HLA-E

Resolution: 4th field

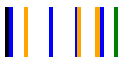
Full typing result:

HLA-E\*01:01:01:01

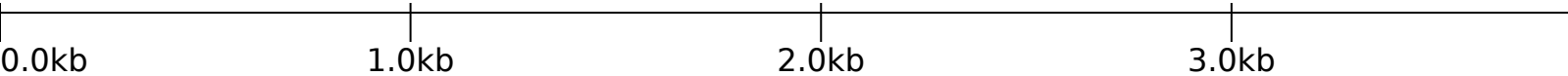
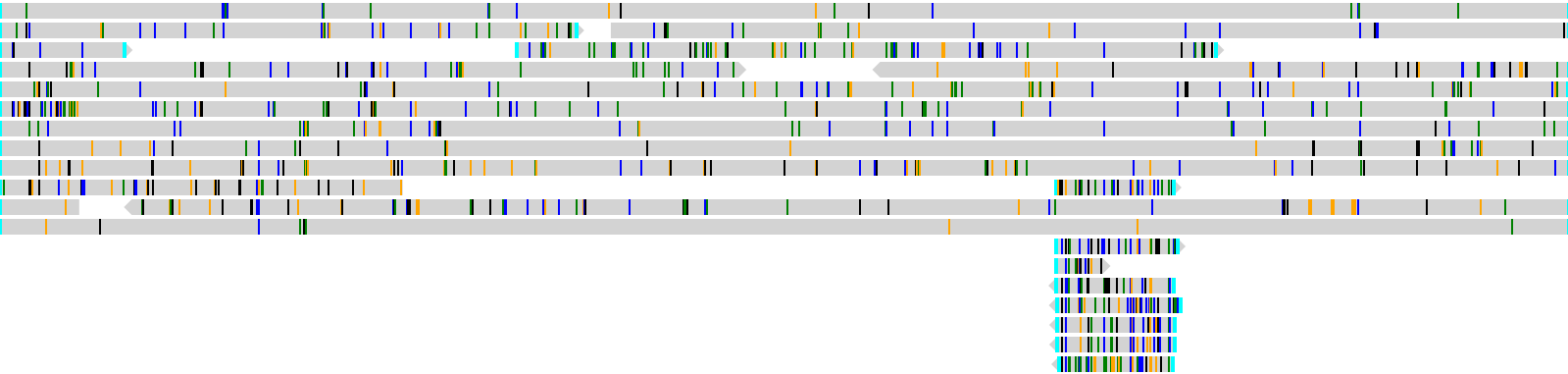
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-E\*01:01:01:01 (identity: 100.00%)



**Sample: NA12878**

**Locus: HLA-F**

**Resolution: 4th field**

**Full typing result:**

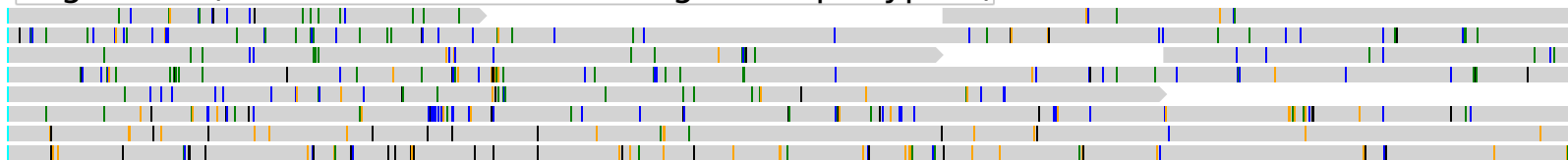
**HLA-F\*01:01:02:09**

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

**HLA-F\*01:01:02:09 (identity: 100.00%)**



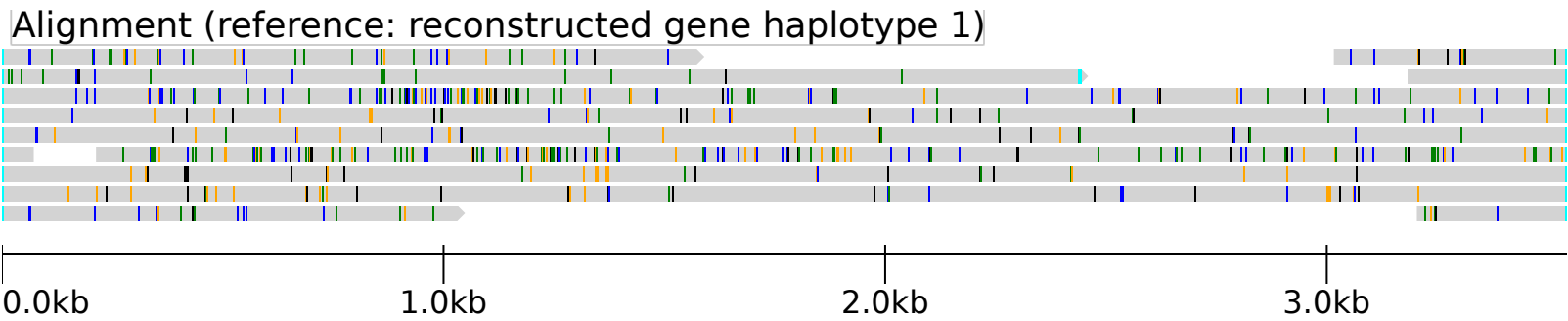
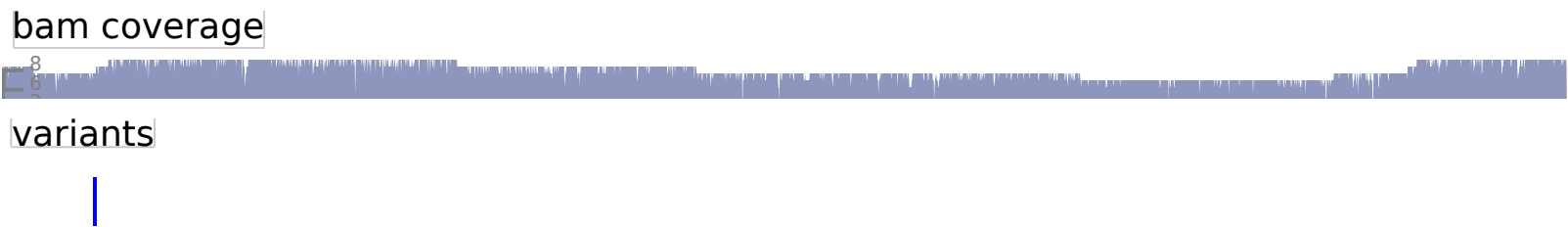
Sample: NA12878

Locus: HLA-F

Resolution: 4th field

Full typing result:

- HLA-F\*01:01:01:09
- HLA-F\*01:01:01:10
- HLA-F\*01:01:01:11
- HLA-F\*01:01:01:12
- HLA-F\*01:01:01:27
- HLA-F\*01:01:01:29
- HLA-F\*01:01:01:42
- HLA-F\*01:01:01:43
- HLA-F\*01:01:06
- HLA-F\*01:01:07
- HLA-F\*01:01:08
- HLA-F\*01:01:11
- HLA-F\*01:02:01:02
- HLA-F\*01:10
- HLA-F\*01:12



- HLA-F\*01:01:01:09 (identity: 100.00%)
- HLA-F\*01:01:01:10 (identity: 99.97%)
- HLA-F\*01:01:01:11 (identity: 99.97%)
- HLA-F\*01:01:01:12 (identity: 99.97%)
- HLA-F\*01:01:01:27 (identity: 99.97%)
- HLA-F\*01:01:01:29 (identity: 99.97%)
- HLA-F\*01:01:01:42 (identity: 99.97%)
- HLA-F\*01:01:01:43 (identity: 99.97%)
- HLA-F\*01:01:06 (identity: 99.97%)
- HLA-F\*01:01:07 (identity: 99.97%)

**Sample: NA12878**

**Locus: HLA-G**

**Resolution: 4th field**

**Full typing result:**

**HLA-G\*01:01:02:01**

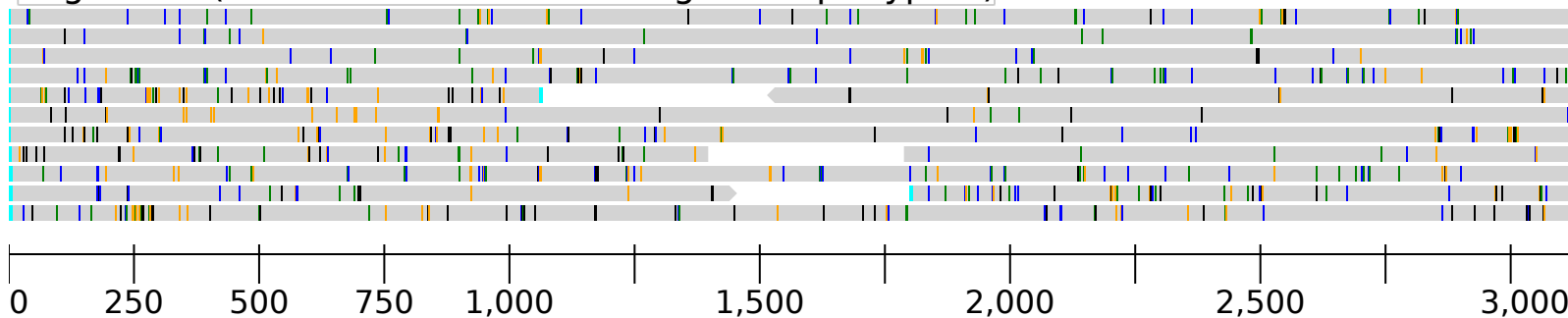
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



**HLA-G\*01:01:02:01 (identity: 100.00%)**

**Sample: NA12878**

**Locus: HLA-G**

**Resolution: 4th field**

**Full typing result:**

**HLA-G\*01:01:03:03**

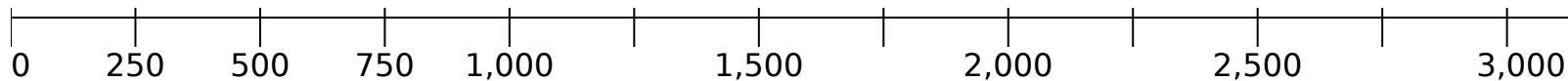
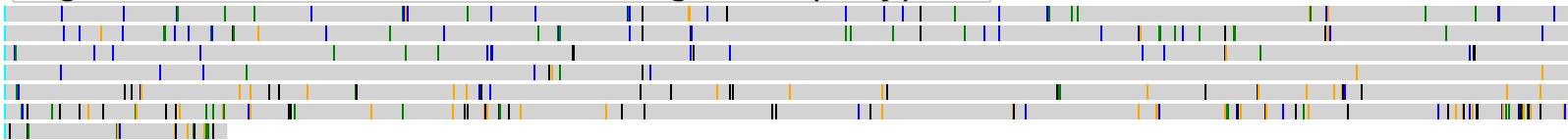
bam coverage



variants

|

Alignment (reference: reconstructed gene haplotype 2)



HLA-G\*01:01:03:03 (identity: 99.97%)



**Sample: NA12878**

**Locus: HLA-H**

**Resolution: 4th field**

**Full typing result:**

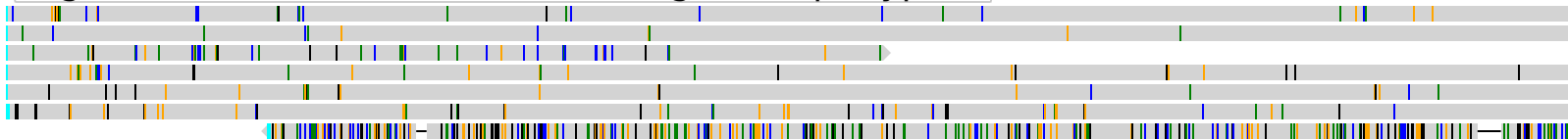
**HLA-H\*02:01:01:01**

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

**HLA-H\*02:01:01:01 (identity: 99.86%)**

**Sample: NA12878**

**Locus: HLA-H**

**Resolution: 4th field**

**Full typing result:**

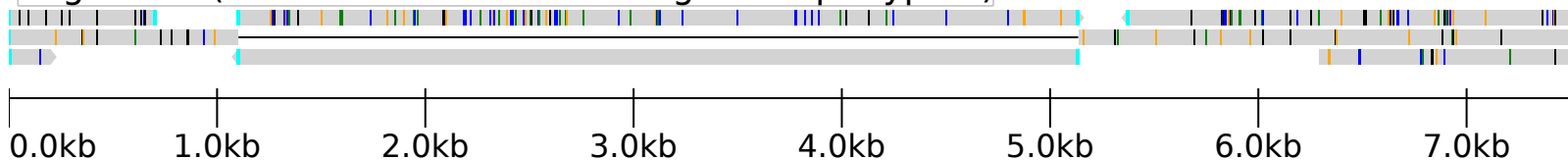
**HLA-H\*02:07:01:01**

bam coverage

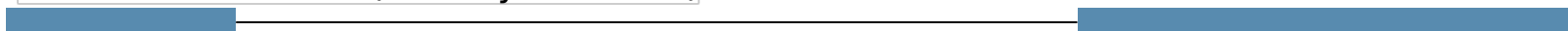


variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-H\*02:07:01:01 (identity: -15.13%)



**Sample: NA12878**

**Locus: HLA-J**

**Resolution: 4th field**

**Full typing result:**

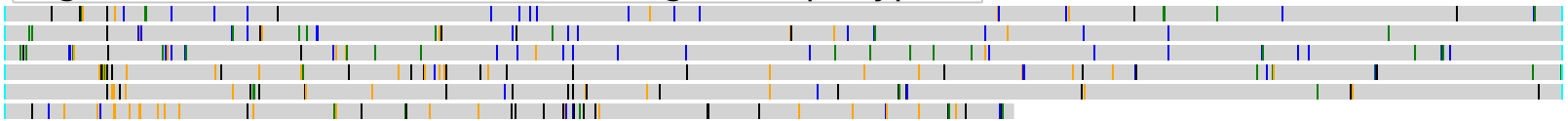
**HLA-J\*01:01:01:04**

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

**HLA-J\*01:01:01:04 (identity: 99.97%)**

**Sample: NA12878**

**Locus: HLA-J**

**Resolution: 4th field**

**Full typing result:**

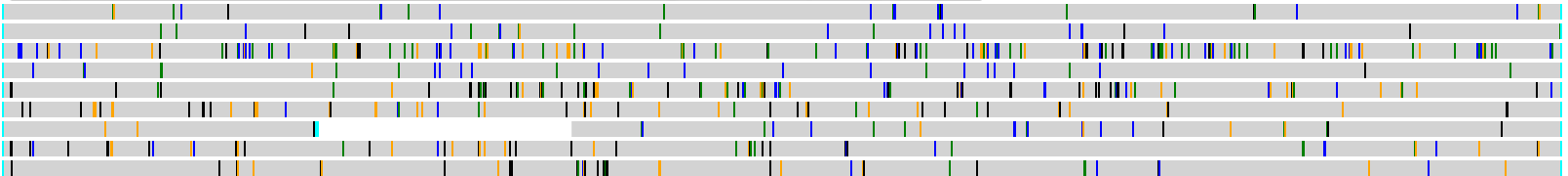
**HLA-J\*01:01:01:02**

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-J\*01:01:01:02 (identity: 100.00%)

**Sample: NA12878**

**Locus: HLA-K**

**Resolution: 4th field**

**Full typing result:**

**HLA-K\*01:01:01:03**

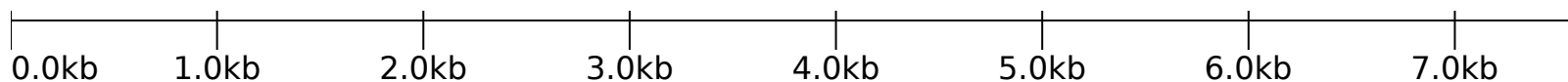
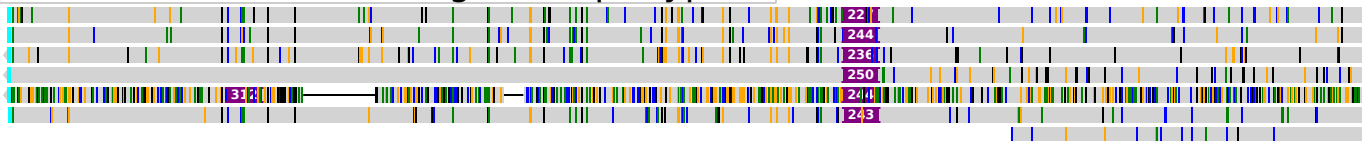
bam coverage

7  
5

variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-K\*01:01:01:03 (identity: 89.84%)





**Sample: NA12878**

**Locus: HLA-K**

**Resolution: 4th field**

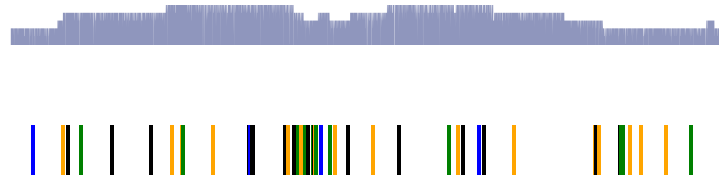
**Full typing result:**

**HLA-K\*01:01:01:02**

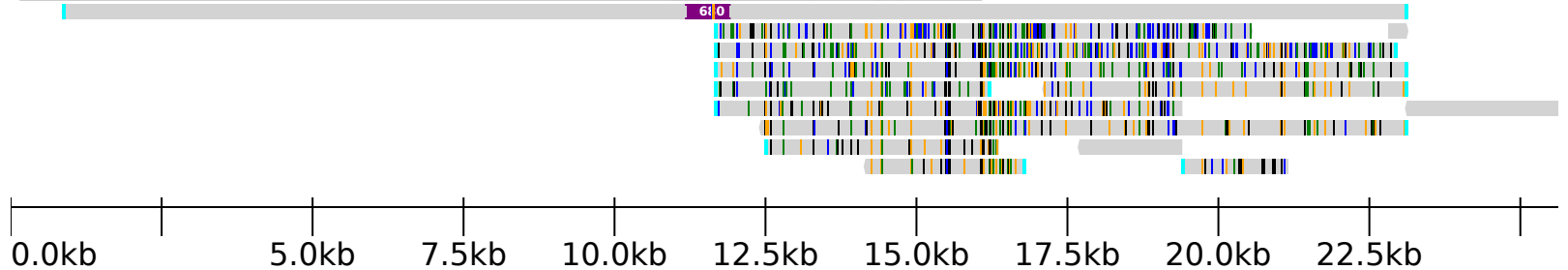
bam coverage

8  
5

variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-K\*01:01:01:02 (identity: 96.60%)



**Sample: NA12878**

**Locus: HLA-L**

**Resolution: 4th field**

**Full typing result:**

**HLA-L\*01:03**

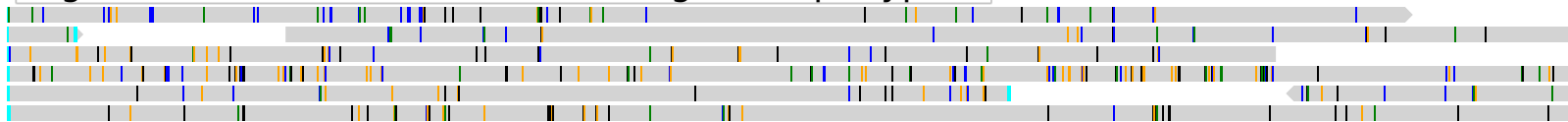
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-L\*01:03 (identity: 99.97%)



**Sample: NA12878**

**Locus: HLA-L**

**Resolution: 4th field**

**Full typing result:**

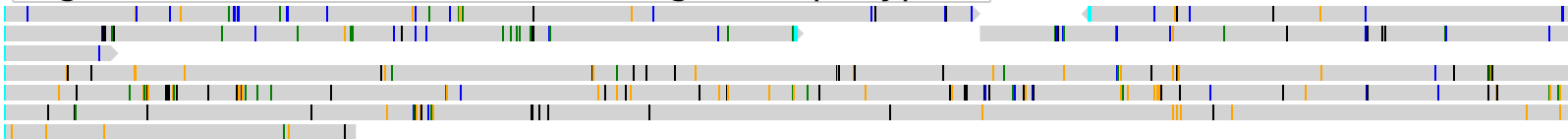
**HLA-L\*01:01:02**

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

**HLA-L\*01:01:02 (identity: 99.97%)**



**Sample: NA12878**

**Locus: HLA-P**

**Resolution: 4th field**

**Full typing result:**

**HLA-P\*02:01:01:01**

**HLA-P\*02:01:01:02**

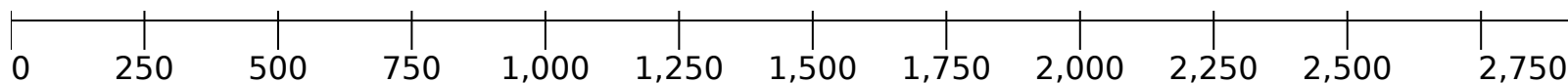
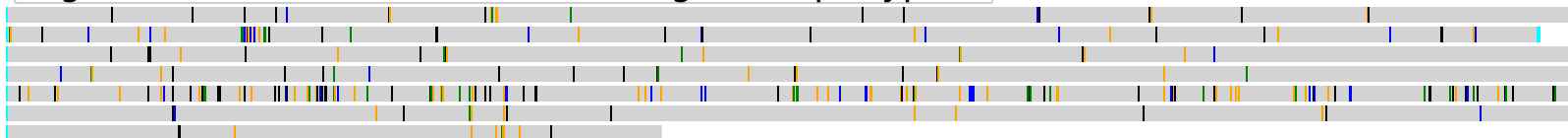
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-P\*02:01:01:01 (identity: 99.90%)



HLA-P\*02:01:01:02 (identity: 99.90%)



**Sample: NA12878**

**Locus: HLA-P**

**Resolution: 4th field**

**Full typing result:**

**HLA-P\*01:01:01:01**

bam coverage

4  
3

variants

Alignment (reference: reconstructed gene haplotype 2)



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

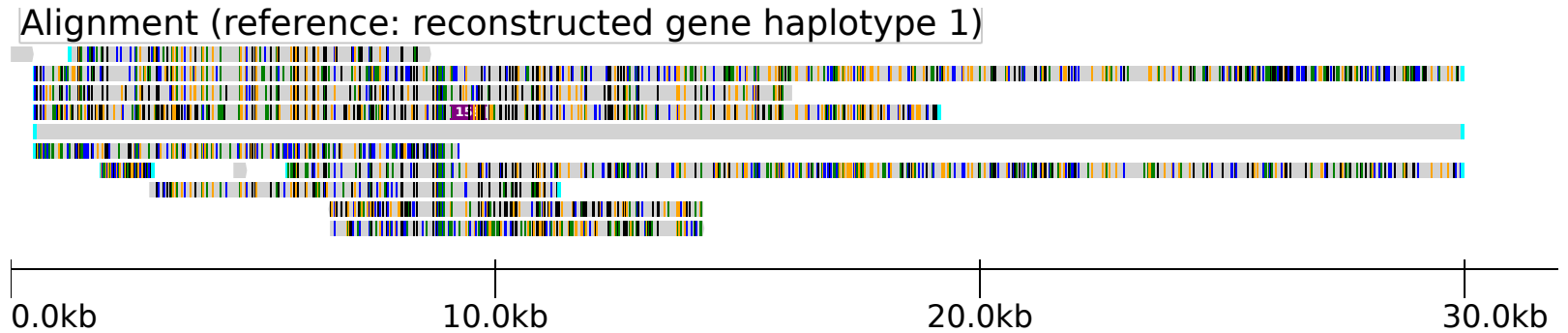
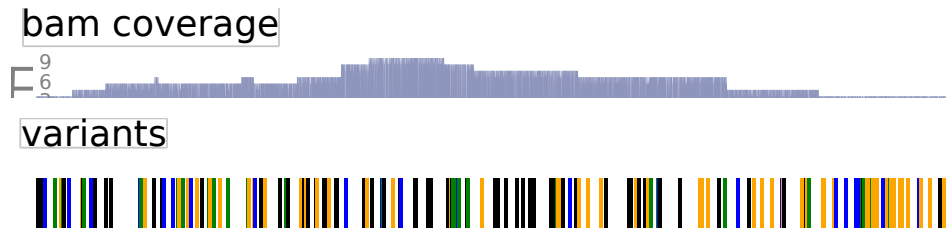
**Sample: NA12878**

**Locus: HLA-T**

**Resolution: 4th field**

**Full typing result:**

**HLA-T\*01:01:01:01**



HLA-T\*01:01:01:01 (identity: 95.50%)

**Sample: NA12878**

**Locus: HLA-T**

**Resolution: 4th field**

**Full typing result:**

**HLA-T\*03:01:01:02**

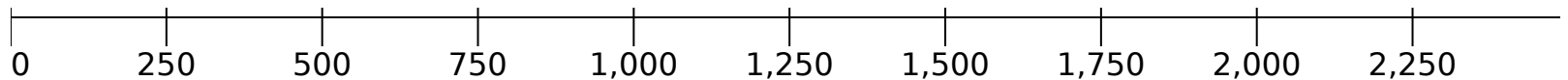
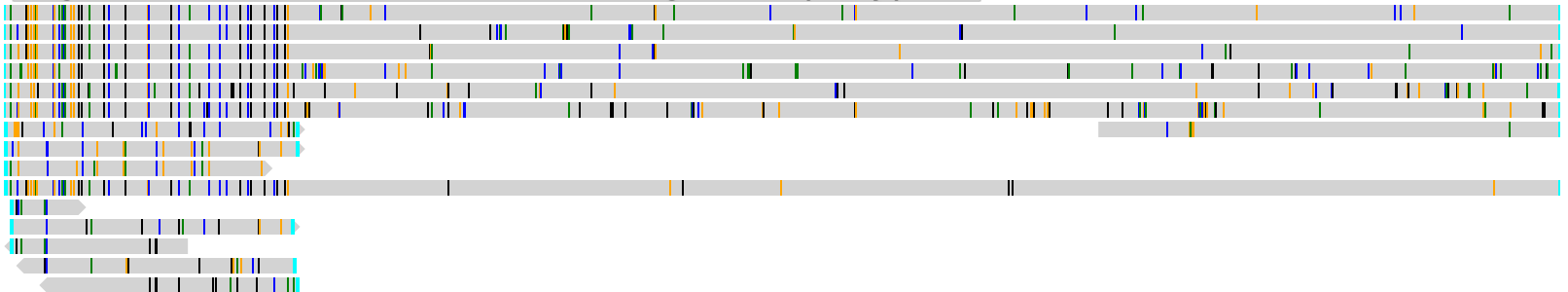
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



**HLA-T\*03:01:01:02 (identity: 98.43%)**



**Sample: NA12878**

**Locus: HLA-U**

**Resolution: 4th field**

**Full typing result:**

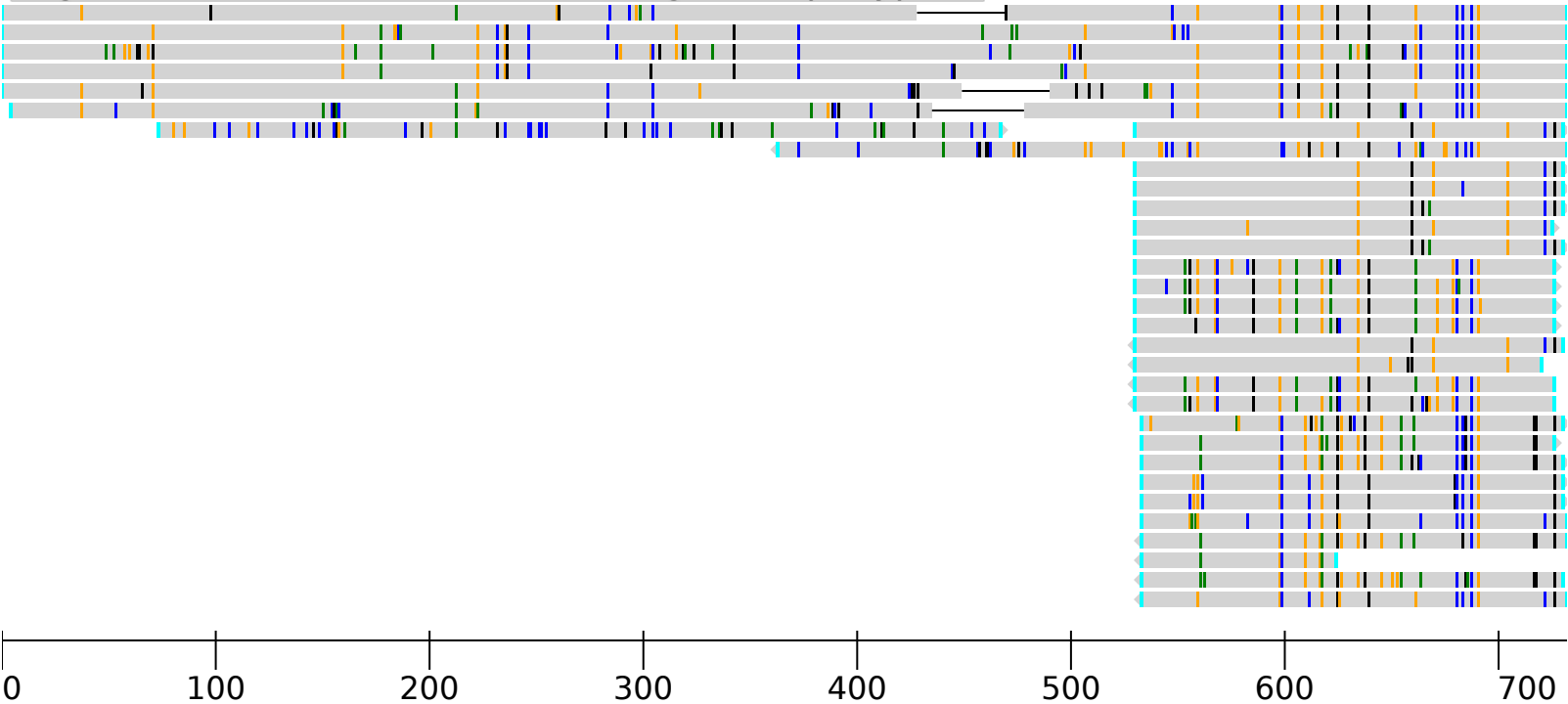
**HLA-U\*01:03**

bam coverage

27  
18

variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-U\*01:03 (identity: 97.95%)





**Sample: NA12878**

**Locus: HLA-W**

**Resolution: 4th field**

**Full typing result:**

**HLA-W\*01:01:01:02**

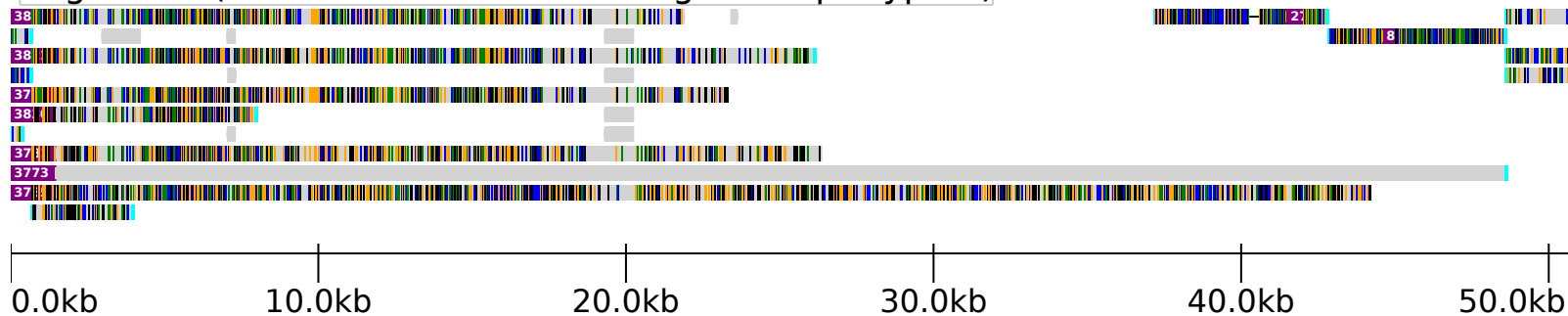
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA12878

Locus: MICA

Resolution: 4th field

Full typing result:

MICA\*008:01:01

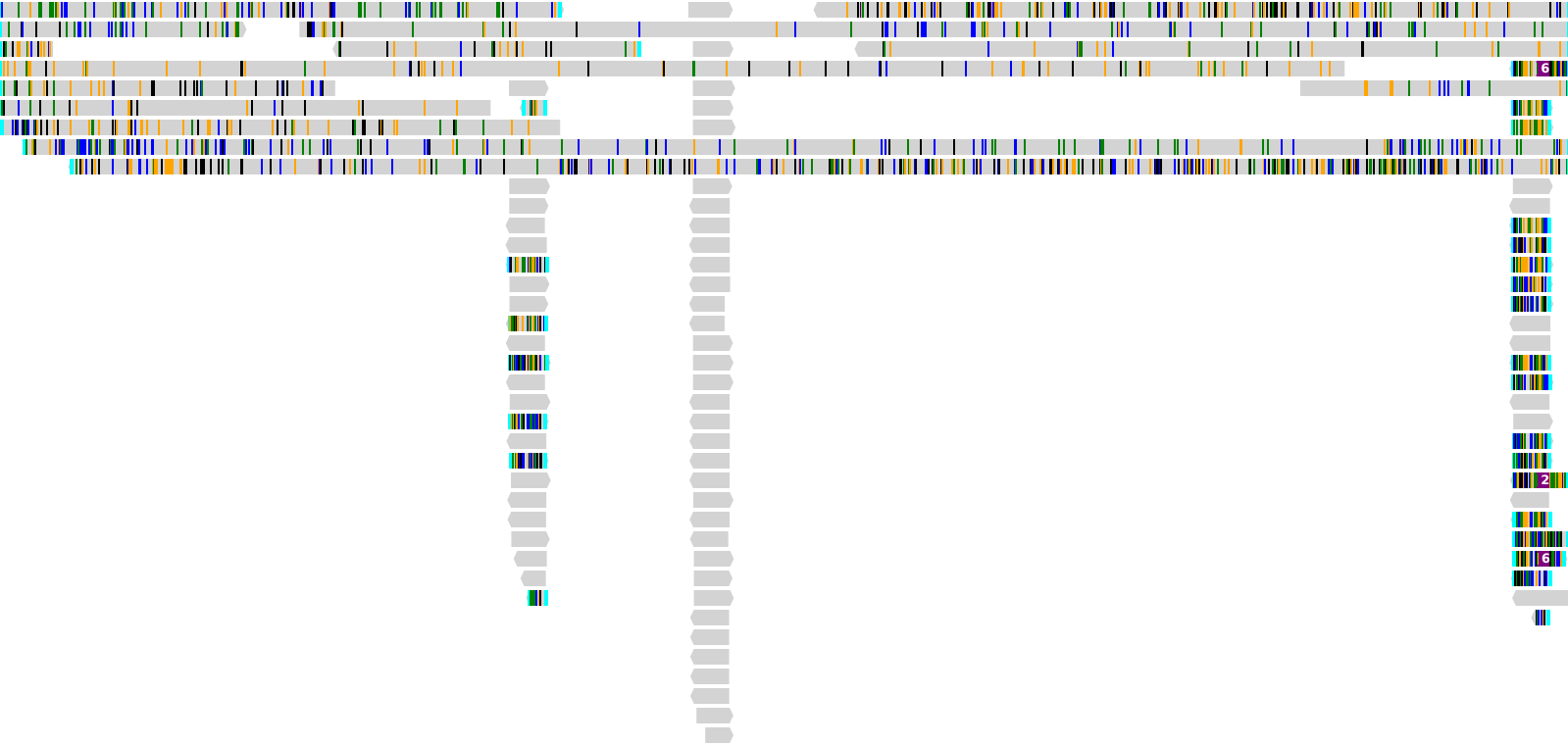
MICA\*008:01:02

bam coverage

33  
22  
11

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\*008:01:01 (identity: 99.98%)

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

Sample: NA12878

Locus: MICA

Resolution: 4th field

Full typing result:

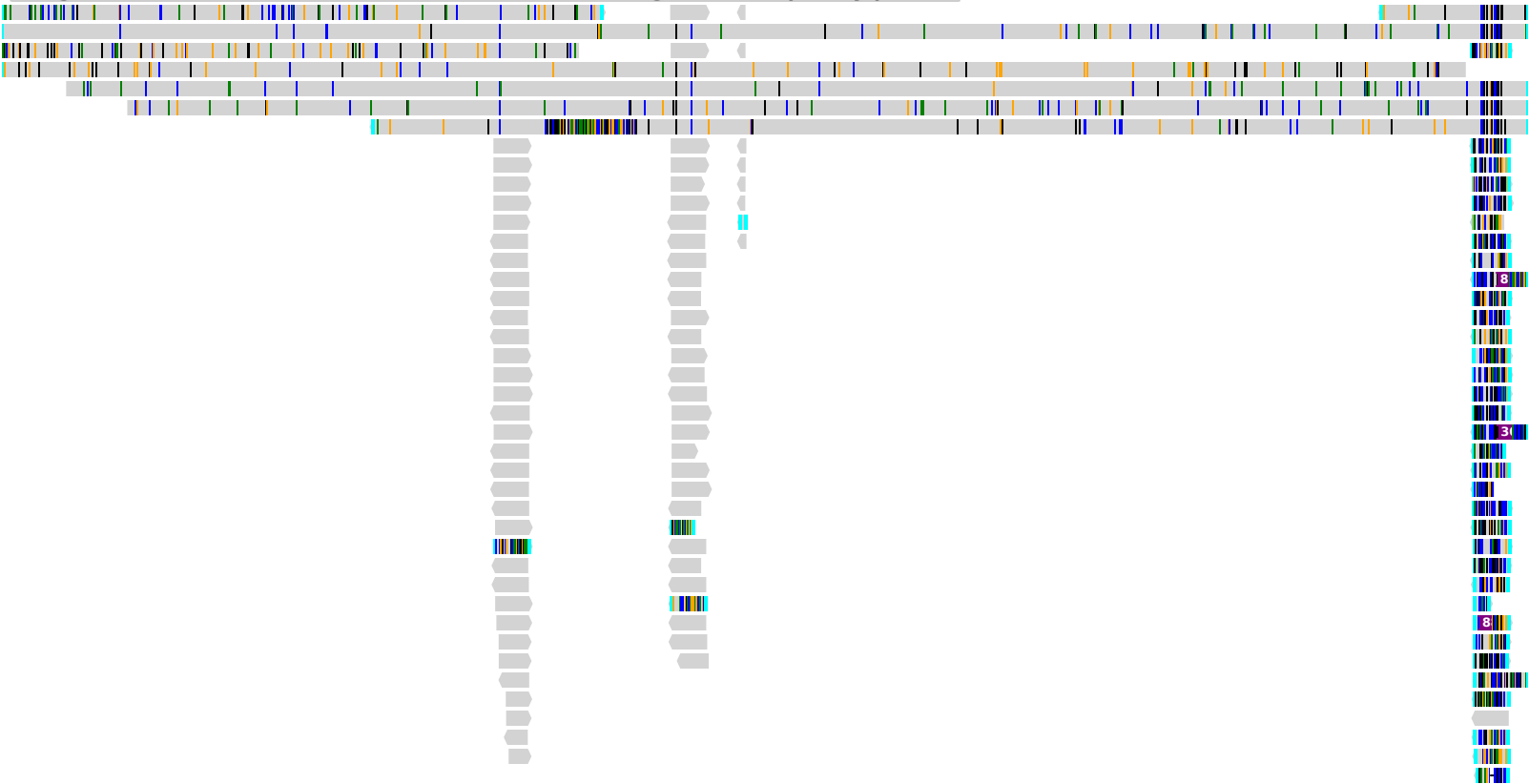
MICA\*001:01

bam coverage

35  
23  
13

variants

Alignment (reference: reconstructed gene haplotype 2)



MICA\*001:01 (identity: 99.75%)



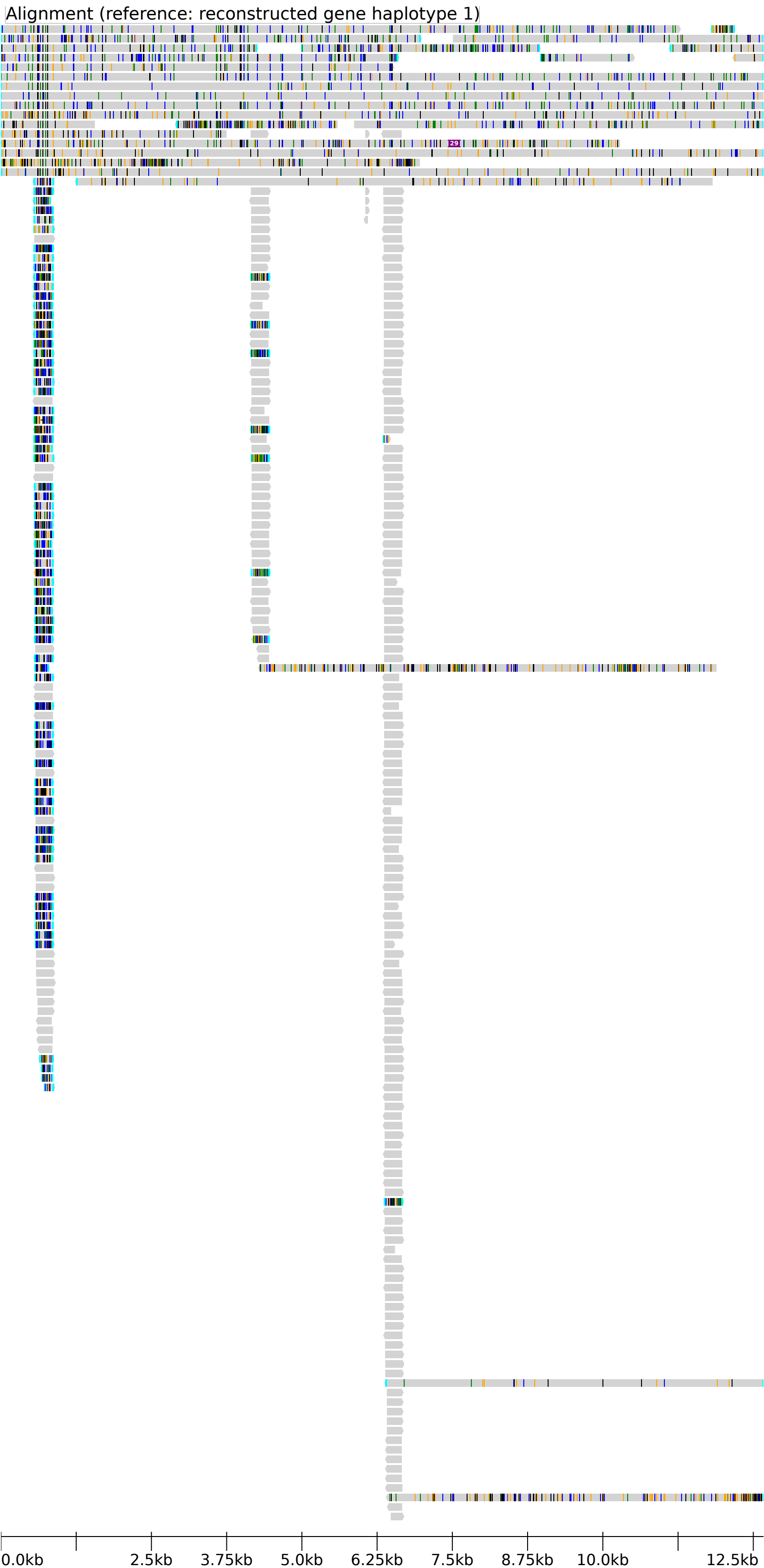
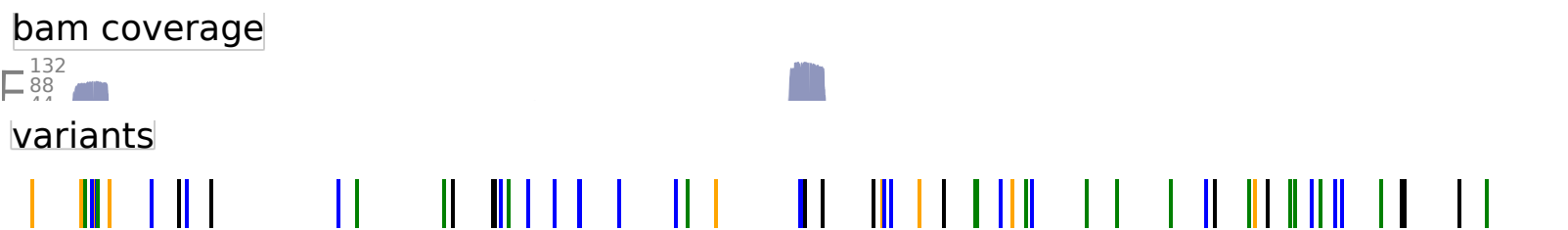
Sample: NA12878

Locus: MICB

Resolution: 4th field

Full typing result:

MICB\*052



MICB\*052 (identity: 99.94%)



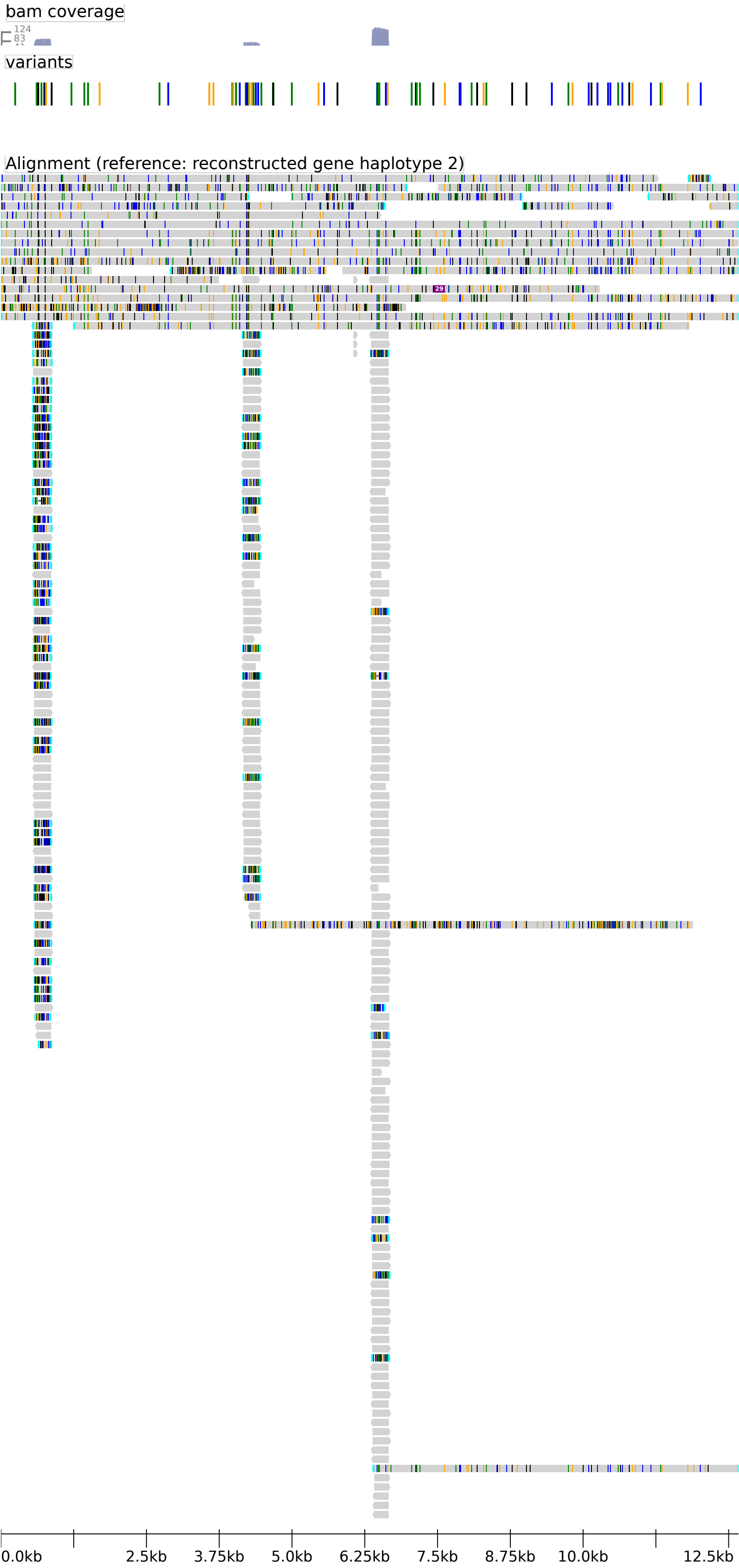
Sample: NA12878

Locus: MICB

Resolution: 4th field

Full typing result:

MICB\*002:01:01



MICB\*002:01:01 (identity: 99.71%)



**Sample: NA12878**

**Locus: TAP1**

**Resolution: 4th field**

**Full typing result:**

**TAP1\*01:01:01:01**

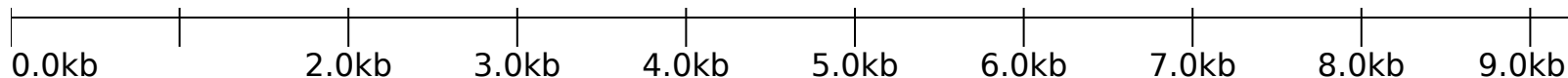
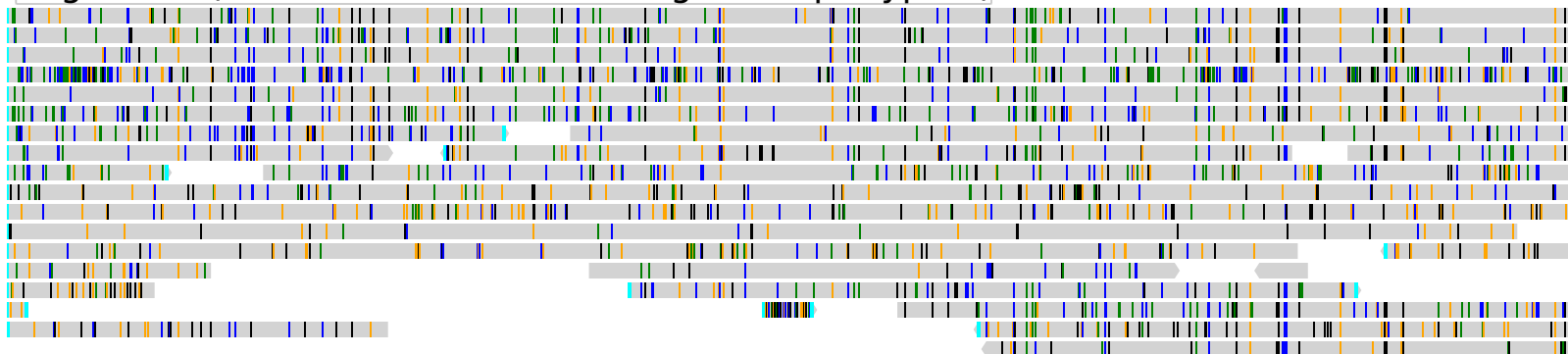
bam coverage



variants

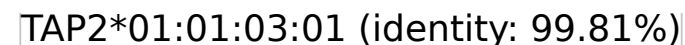


Alignment (reference: reconstructed gene haplotype 1)



**TAP1\*01:01:01:01 (identity: 99.99%)**





**Sample: NA12878**

**Locus: TAP2**

**Resolution: 4th field**

**Full typing result:**

**TAP2\*02:01:02:01**

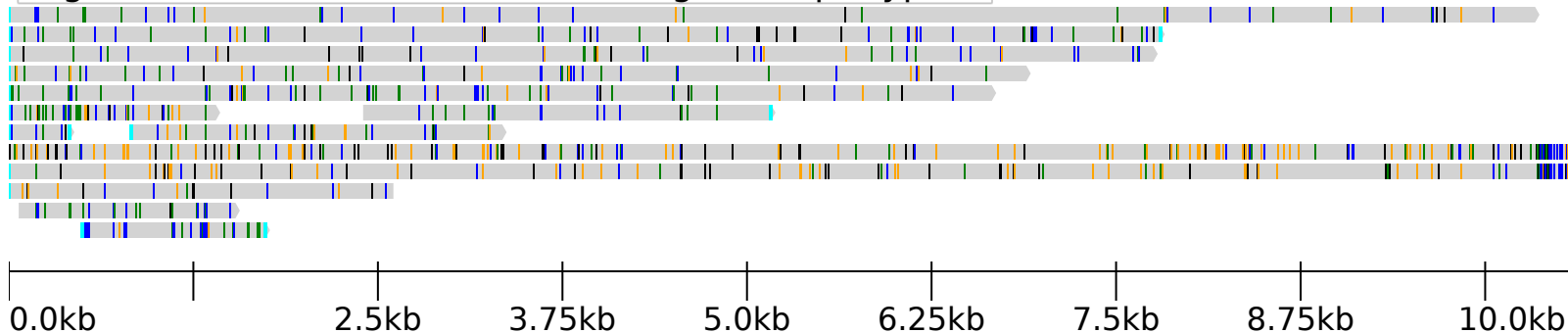
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



TAP2\*02:01:02:01 (identity: 98.40%)

