

Sample: NA19818

Locus: HLA-A

Resolution: 4th field

Full typing result:

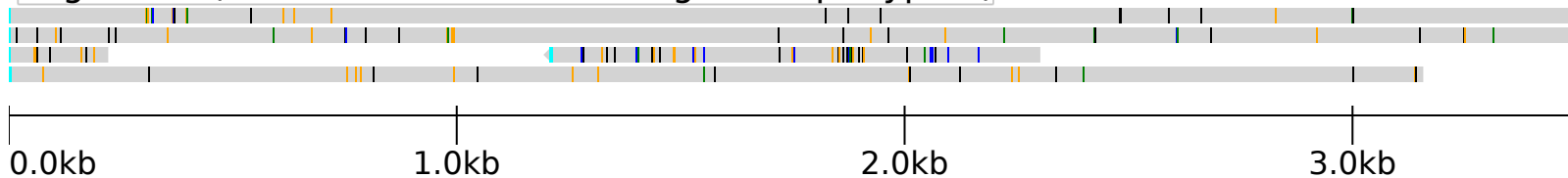
HLA-A*36:01:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-A*36:01:01:01 (identity: 100.00%)

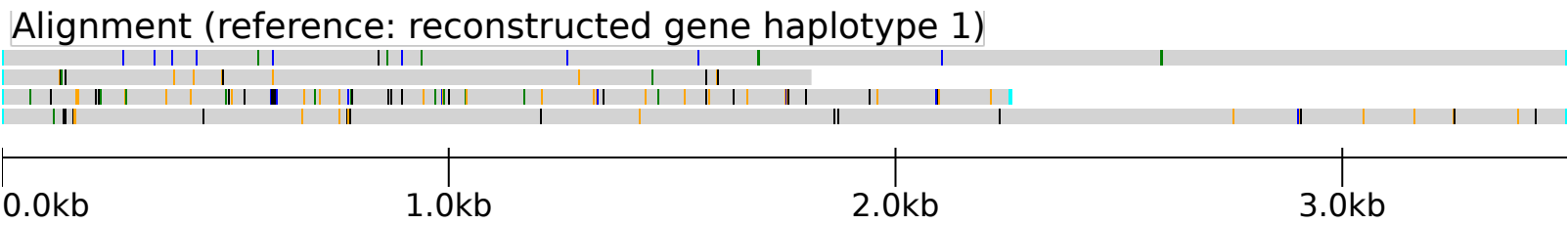
Sample: NA19818

Locus: HLA-A

Resolution: 4th field

Full typing result:

- HLA-A*30:01:01:01HLA-A*30:145NHLA-A*30:01:01:09
- HLA-A*30:01:01:24HLA-A*30:01:12HLA-A*30:01:16
- HLA-A*30:01:17HLA-A*30:01:18HLA-A*30:106
- HLA-A*30:126HLA-A*30:134HLA-A*30:138
- HLA-A*30:143HLA-A*30:157HLA-A*30:165



| | |
|---------------------------------------|--|
| HLA-A*30:01:01:01 (identity: 100.00%) | |
| HLA-A*30:145N (identity: 99.77%) | |
| HLA-A*30:01:01:09 (identity: 99.97%) | |
| HLA-A*30:01:01:24 (identity: 99.97%) | |
| HLA-A*30:01:12 (identity: 99.97%) | |
| HLA-A*30:01:16 (identity: 99.97%) | |
| HLA-A*30:01:17 (identity: 99.97%) | |
| HLA-A*30:01:18 (identity: 99.97%) | |
| HLA-A*30:106 (identity: 99.97%) | |
| HLA-A*30:126 (identity: 99.97%) | |

Sample: NA19818

Locus: HLA-B

Resolution: 4th field

Full typing result:

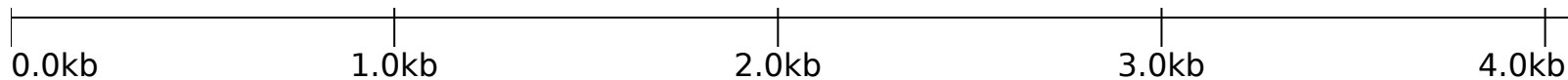
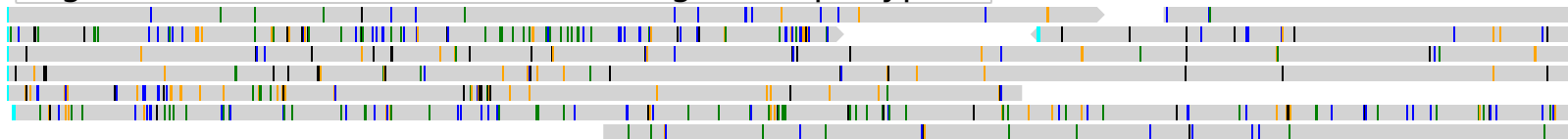
HLA-B*42:01:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-B*42:01:01:01 (identity: 99.98%)



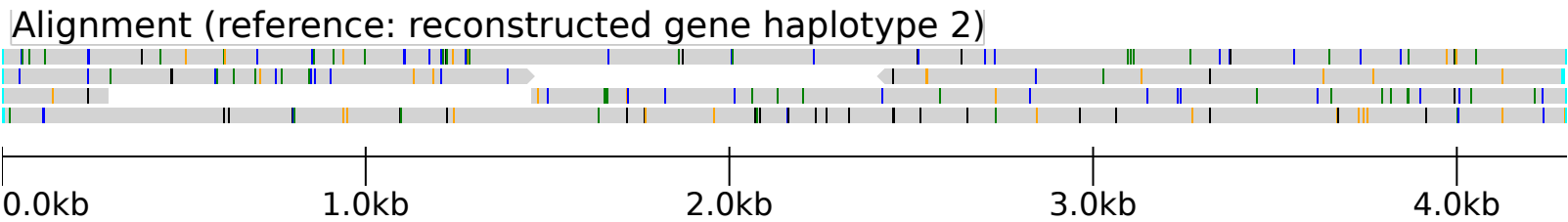
Sample: NA19818

Locus: HLA-C

Resolution: 4th field

Full typing result:

- HLA-C*12:03:01:01
- HLA-C*12:03:01:63
- HLA-C*12:03:01:64
- HLA-C*12:13:01:02
- HLA-C*12:23
- HLA-C*12:34
- HLA-C*12:03:67
- HLA-C*12:380
- HLA-C*12:03:01:44
- HLA-C*12:330Q



- HLA-C*12:03:01:01 (identity: 100.00%)
- HLA-C*12:03:01:63 (identity: 99.98%)
- HLA-C*12:03:01:64 (identity: 99.98%)
- HLA-C*12:13:01:02 (identity: 99.98%)
- HLA-C*12:23 (identity: 99.98%)
- HLA-C*12:34 (identity: 99.98%)
- HLA-C*12:03:67 (identity: 99.98%)
- HLA-C*12:380 (identity: 99.98%)
- HLA-C*12:03:01:44 (identity: 99.98%)
- HLA-C*12:330Q (identity: 99.98%)

Sample: NA19818

Locus: HLA-C

Resolution: 4th field

Full typing result:

HLA-C*17:01:01:02

HLA-C*17:04

HLA-C*17:01:01:30

HLA-C*17:73

HLA-C*17:01:20

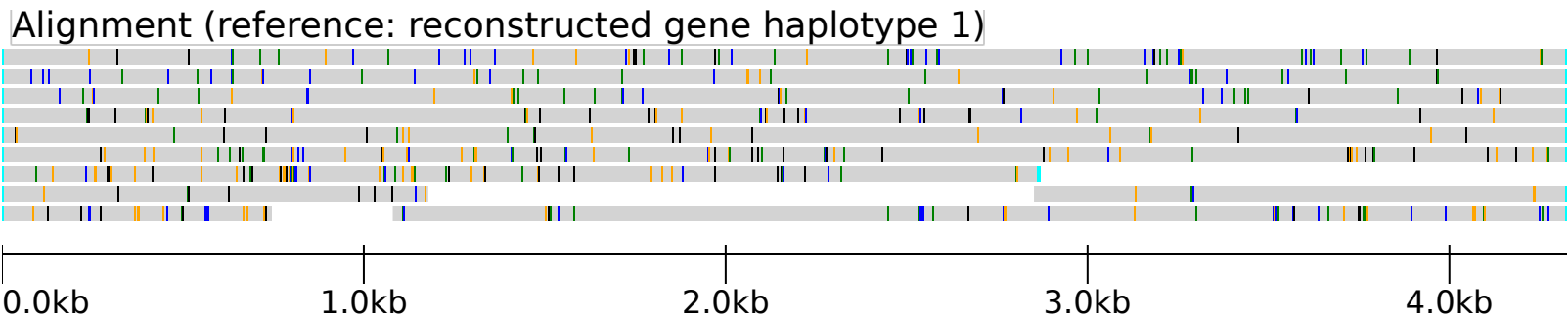
HLA-C*17:67

HLA-C*17:70

HLA-C*17:74

HLA-C*17:76

HLA-C*17:03:01:01



HLA-C*17:01:01:02 (identity: 100.00%)

HLA-C*17:04 (identity: 99.98%)

HLA-C*17:01:01:30 (identity: 99.98%)

HLA-C*17:73 (identity: 99.98%)

HLA-C*17:01:20 (identity: 99.98%)

HLA-C*17:67 (identity: 99.98%)

HLA-C*17:70 (identity: 99.98%)

HLA-C*17:74 (identity: 99.98%)

HLA-C*17:76 (identity: 99.98%)

HLA-C*17:03:01:01 (identity: 99.98%)

Sample: NA19818

Locus: HLA-DMA

Resolution: 4th field

Full typing result:

HLA-DMA*01:01:01:02

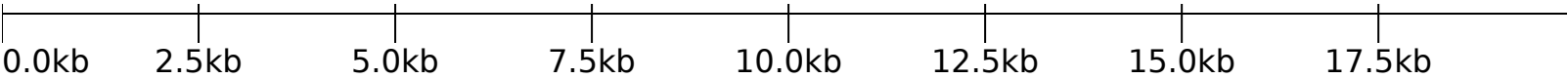
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA19818

Locus: HLA-DMB

Resolution: 4th field

Full typing result:

HLA-DMB*01:01:01:02

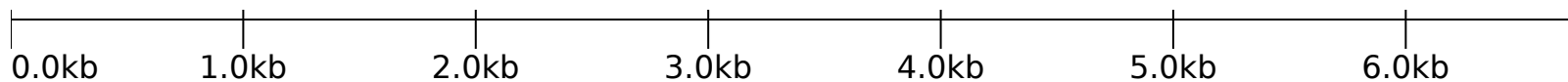
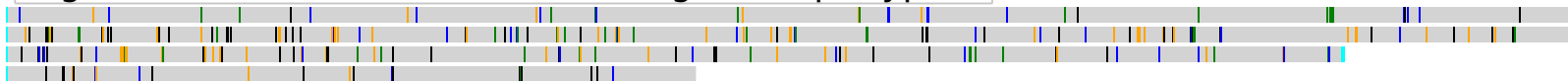
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA19818

Locus: HLA-DMB

Resolution: 4th field

Full typing result:

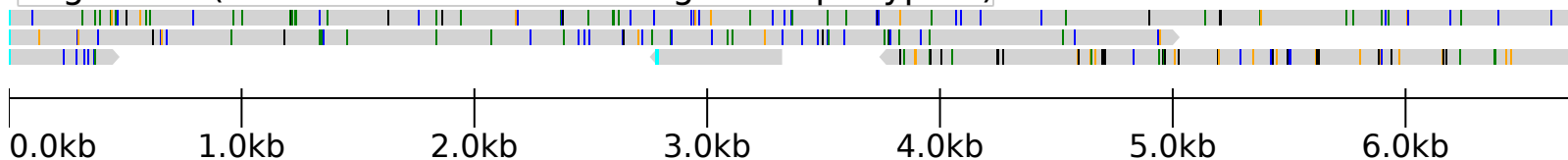
HLA-DMB*01:03:01:03

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



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

Sample: NA19818

Locus: HLA-DOA

Resolution: 4th field

Full typing result:

HLA-DOA*01:01:04:03

HLA-DOA*01:01:04:05

HLA-DOA*01:01:08

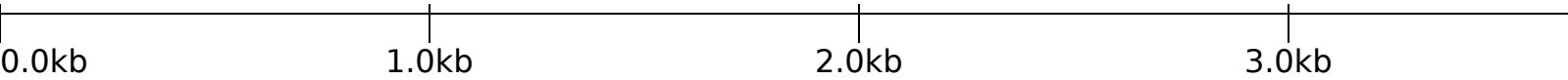
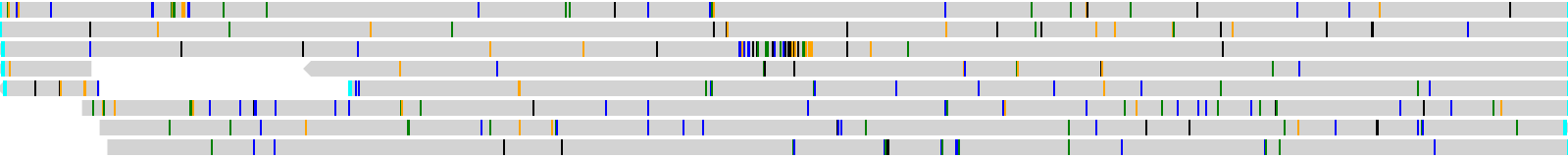
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



HLA-DOA*01:01:04:05 (identity: 99.97%)



HLA-DOA*01:01:08 (identity: 99.97%)



Sample: NA19818

Locus: HLA-DOB

Resolution: 4th field

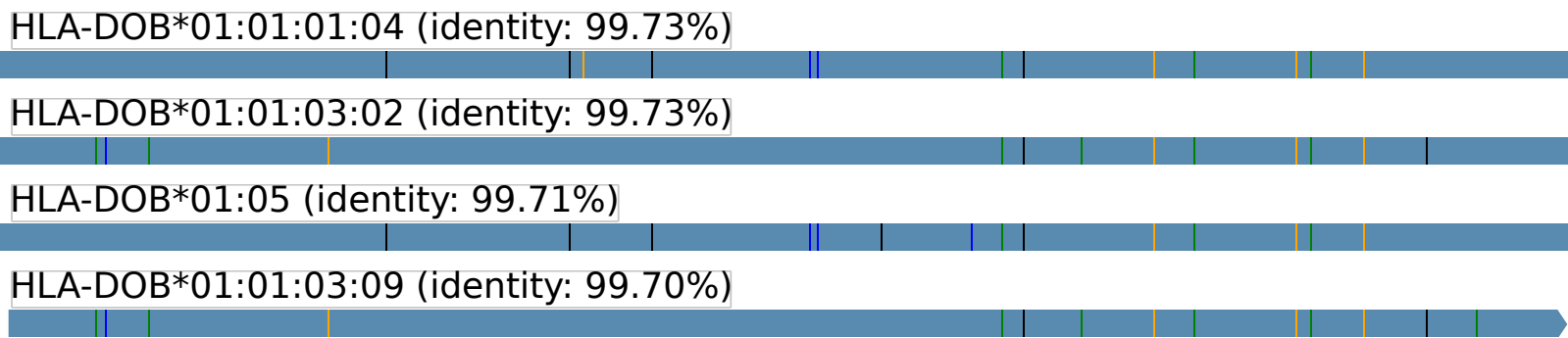
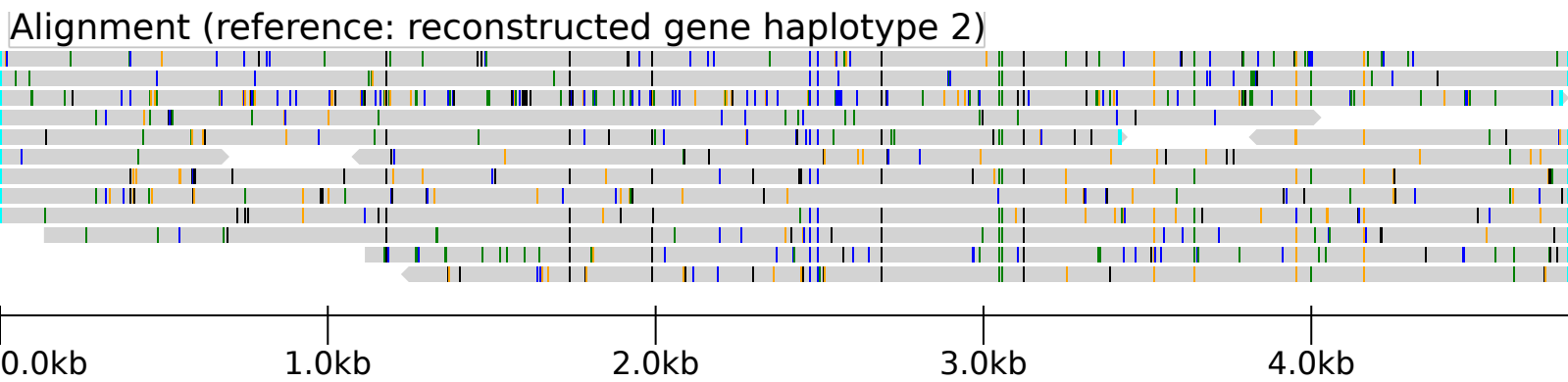
Full typing result:

HLA-DOB*01:01:01:04

HLA-DOB*01:01:03:02

HLA-DOB*01:05

HLA-DOB*01:01:03:09



Sample: NA19818

Locus: HLA-DOB

Resolution: 4th field

Full typing result:

HLA-DOB*01:05

HLA-DOB*01:01:01:04

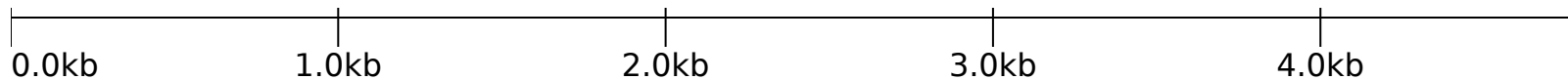
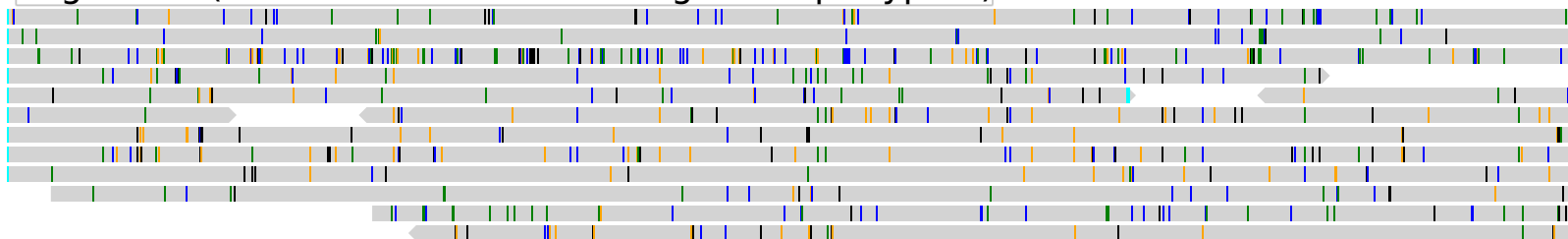
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



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



Sample: NA19818

Locus: HLA-DPA1

Resolution: 4th field

Full typing result:

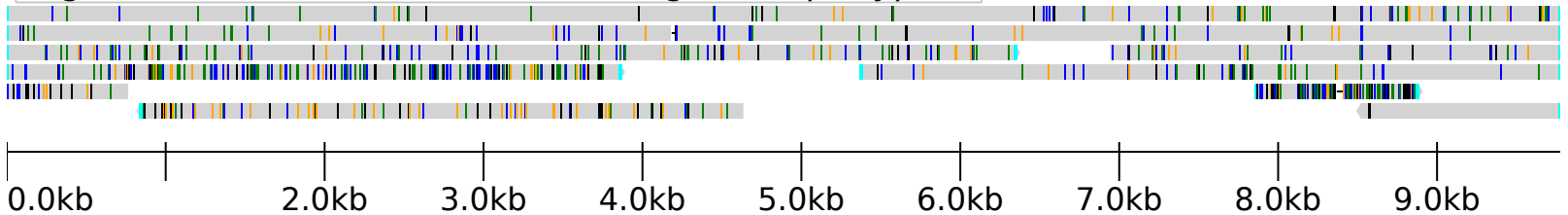
HLA-DPA1*01:03:01:22

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-DPA1*01:03:01:22 (identity: 99.96%)



Sample: NA19818

Locus: HLA-DPA1

Resolution: 4th field

Full typing result:

HLA-DPA1*02:01:08:03

HLA-DPA1*02:01:01:02

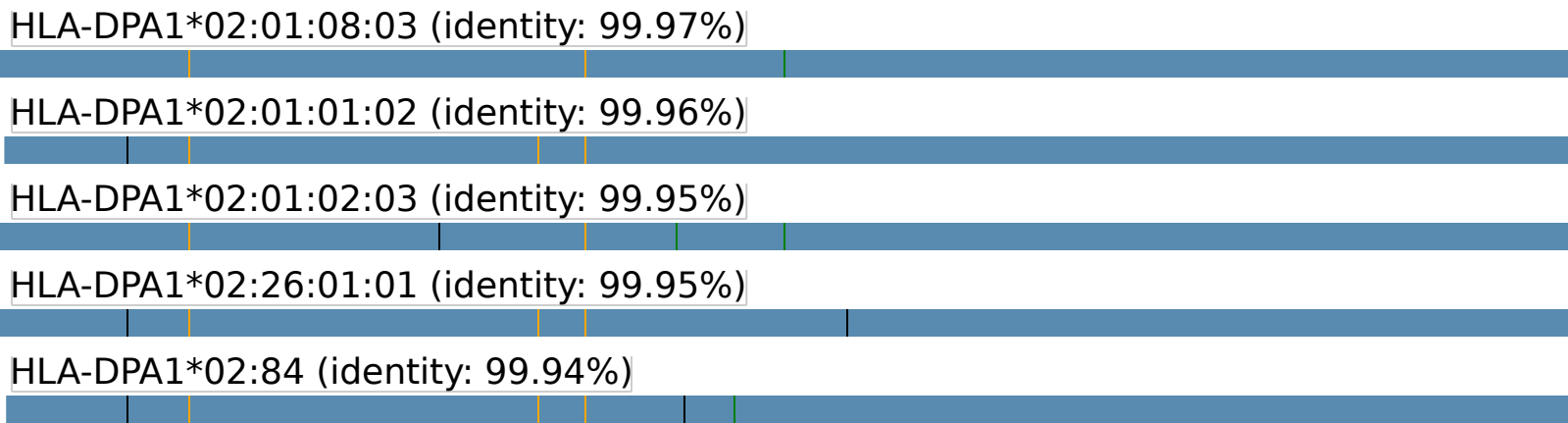
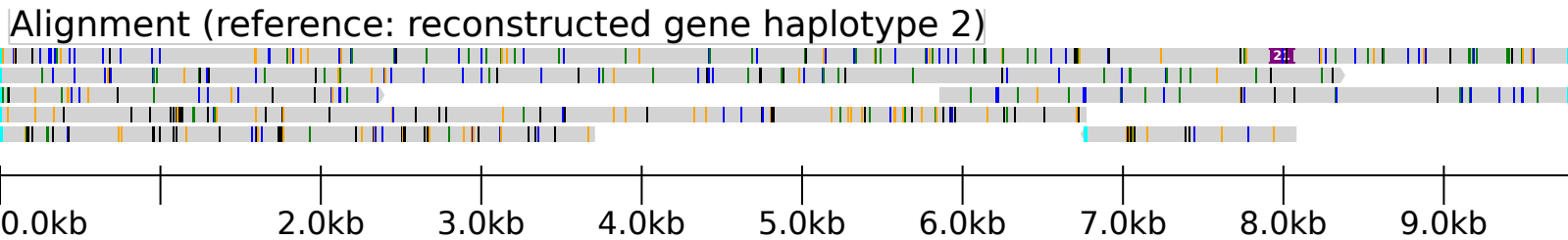
HLA-DPA1*02:01:02:03

HLA-DPA1*02:26:01:01

HLA-DPA1*02:84

bam coverage

variants



Sample: NA19818

Locus: HLA-DPA2

Resolution: 4th field

Full typing result:

HLA-DPA2*01:01:01:03

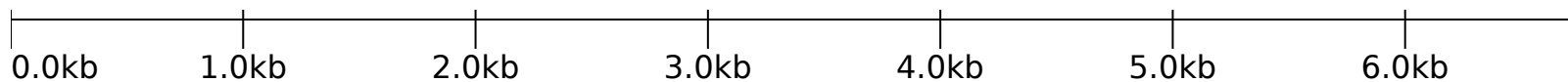
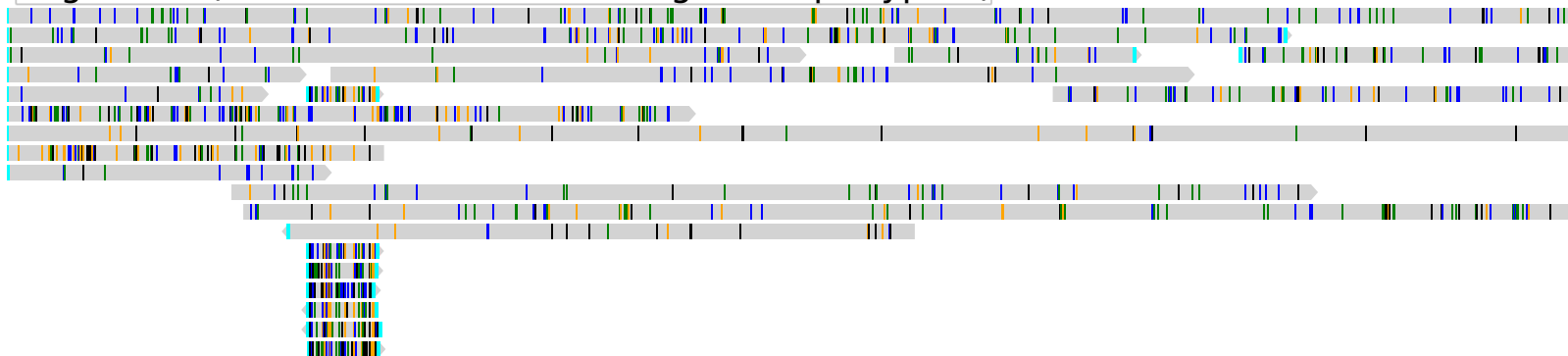
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



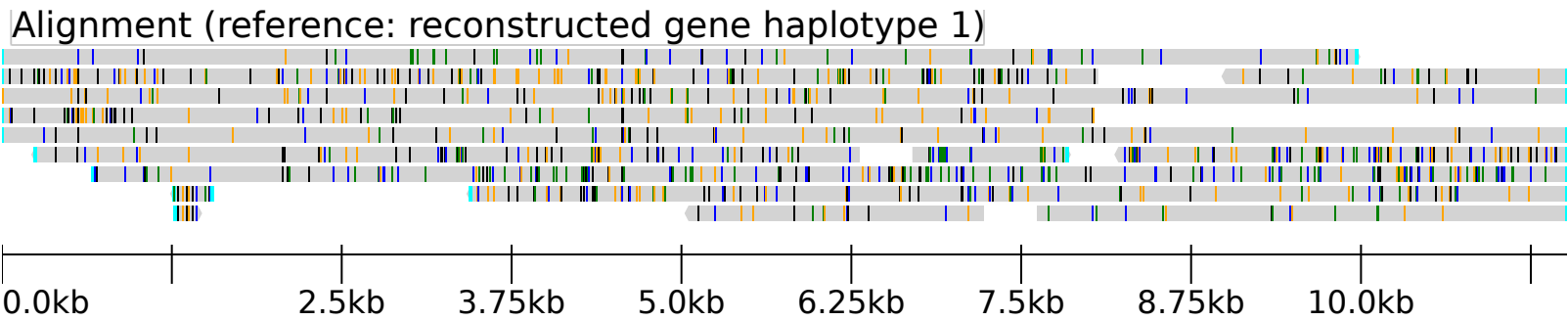
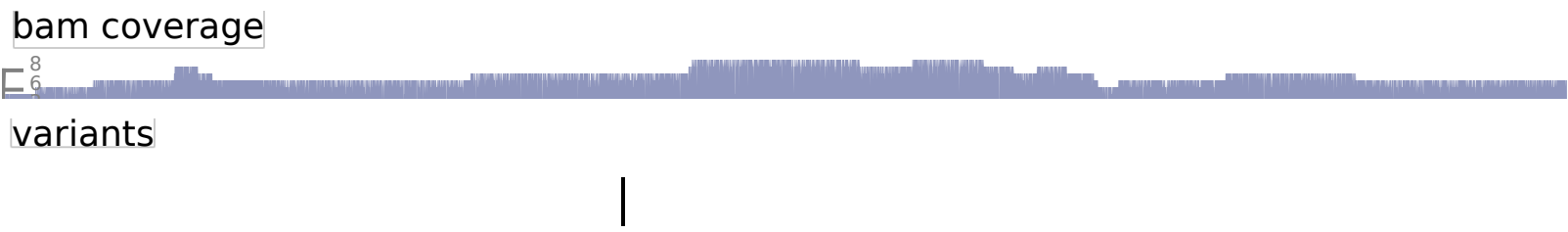
Sample: NA19818

Locus: HLA-DPB1

Resolution: 4th field

Full typing result:

- HLA-DPB1*02:01:19:01HLA-DPB1*02:01:02:26HLA-DPB1*02:01:19:02
- HLA-DPB1*02:01:22HLA-DPB1*1344:01:02HLA-DPB1*02:01:02:03
- HLA-DPB1*02:01:02:46QHLA-DPB1*1369:01HLA-DPB1*02:01:02:28
- HLA-DPB1*02:01:02:50HLA-DPB1*02:01:02:86HLA-DPB1*02:01:15
- HLA-DPB1*02:01:19:03HLA-DPB1*47:01:01:03HLA-DPB1*81:01:01:02



| |
|--|
| HLA-DPB1*02:01:19:01 (identity: 99.97%) |
| HLA-DPB1*02:01:02:26 (identity: 99.97%) |
| HLA-DPB1*02:01:19:02 (identity: 99.97%) |
| HLA-DPB1*02:01:22 (identity: 99.97%) |
| HLA-DPB1*1344:01:02 (identity: 99.97%) |
| HLA-DPB1*02:01:02:03 (identity: 99.96%) |
| HLA-DPB1*02:01:02:46Q (identity: 99.96%) |
| HLA-DPB1*1369:01 (identity: 99.96%) |
| HLA-DPB1*02:01:02:28 (identity: 99.92%) |
| HLA-DPB1*02:01:02:50 (identity: 99.95%) |

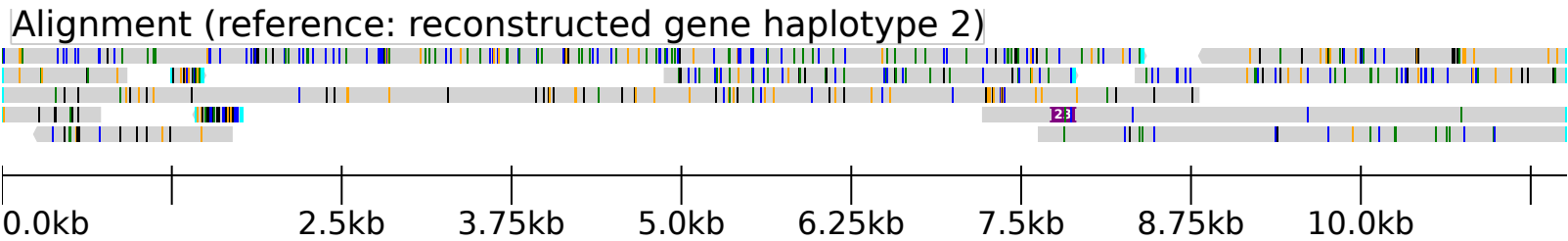
Sample: NA19818

Locus: HLA-DPB1

Resolution: 4th field

Full typing result:

- HLA-DPB1*17:01:01:01
- HLA-DPB1*1233:01
- HLA-DPB1*1367:01
- HLA-DPB1*1394:01
- HLA-DPB1*1397:01
- HLA-DPB1*1555:01
- HLA-DPB1*1556:01
- HLA-DPB1*17:01:01:03
- HLA-DPB1*17:01:01:04
- HLA-DPB1*17:01:01:05
- HLA-DPB1*17:01:01:07
- HLA-DPB1*17:01:01:08
- HLA-DPB1*17:01:01:09
- HLA-DPB1*17:01:04
- HLA-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: NA19818

Locus: HLA-DPB2

Resolution: 4th field

Full typing result:

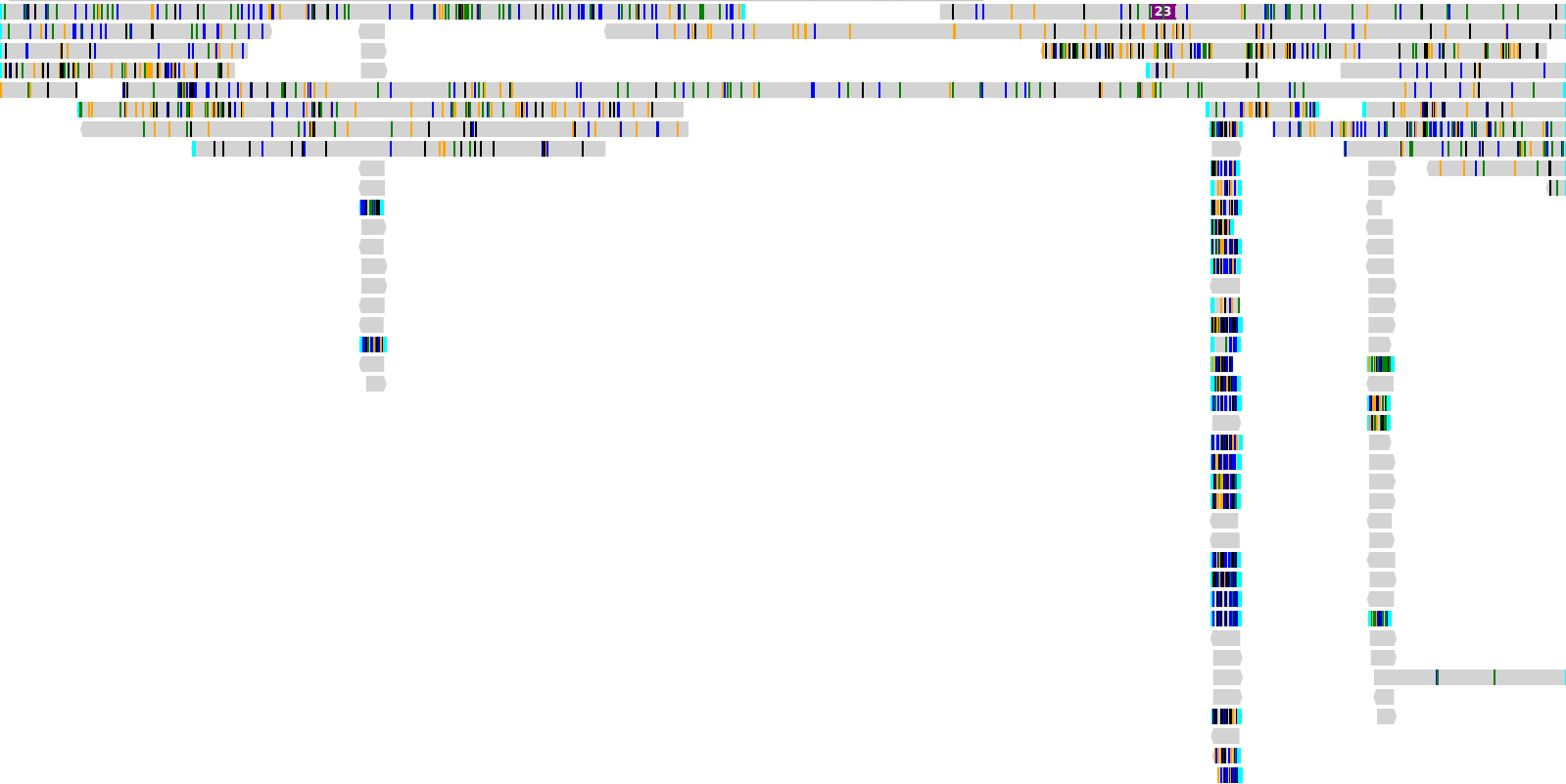
HLA-DPB2*03:01:01:01

bam coverage

34
23
4

variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-DPB2*03:01:01:01 (identity: 99.96%)

Sample: NA19818

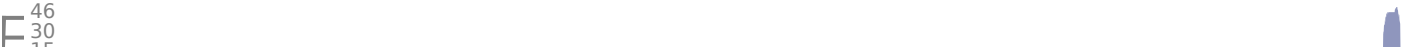
Locus: HLA-DQA1

Resolution: 4th field

Full typing result:

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

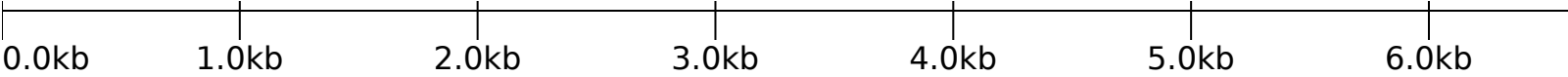
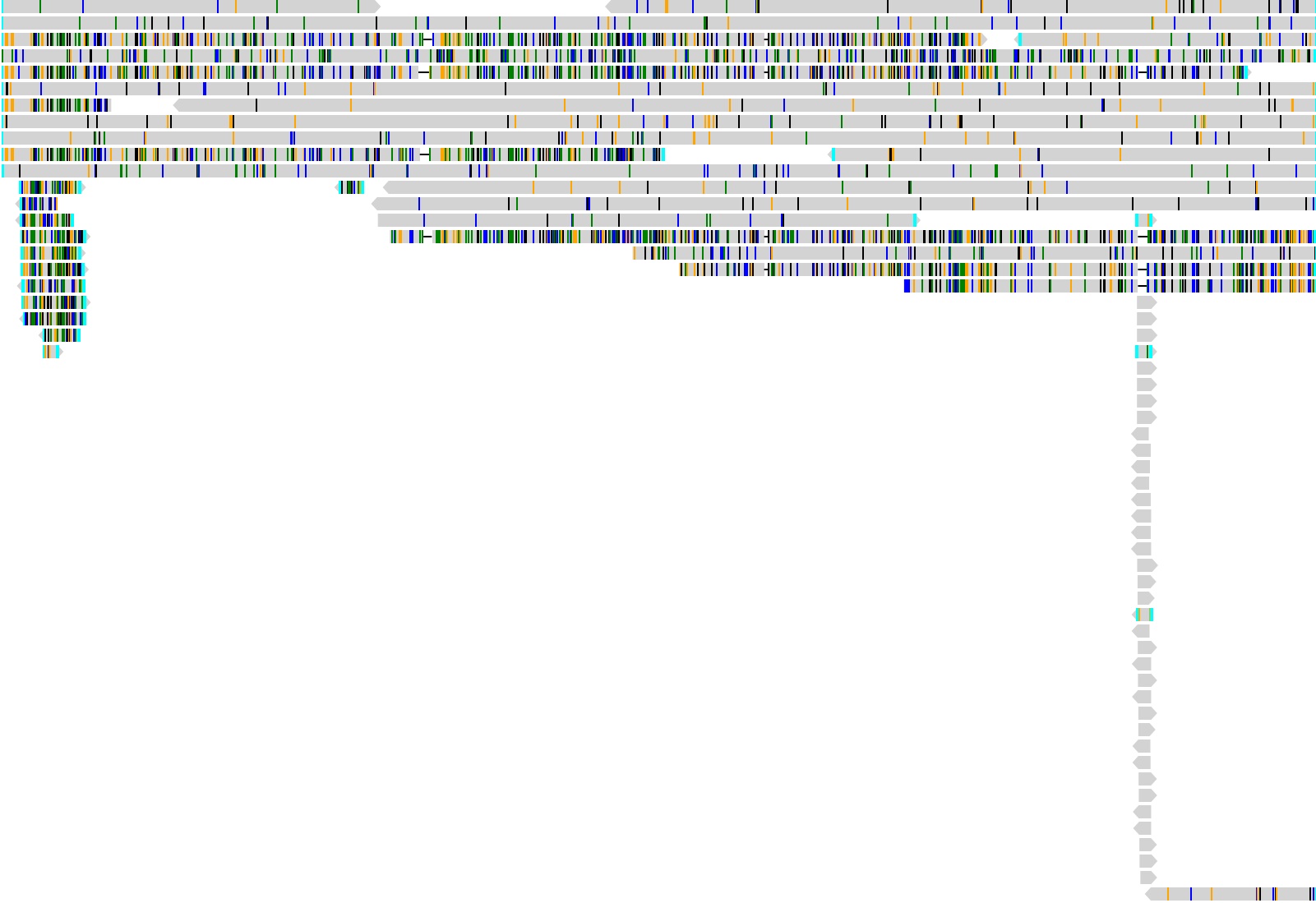
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



| | |
|---|--|
| HLA-DQA1*05:05:01:09 (identity: 99.98%) | |
| HLA-DQA1*05:05:01:02 (identity: 99.86%) | |
| HLA-DQA1*05:05:01:01 (identity: 99.92%) | |
| HLA-DQA1*05:11:01:01 (identity: 99.97%) | |
| HLA-DQA1*05:05:01:39 (identity: 99.97%) | |
| HLA-DQA1*05:05:01:10 (identity: 99.91%) | |
| HLA-DQA1*05:09:01:04 (identity: 99.95%) | |

Sample: NA19818

Locus: HLA-DQA2

Resolution: 4th field

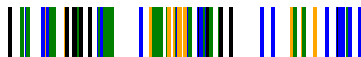
Full typing result:

HLA-DQA2*01:01:02:01

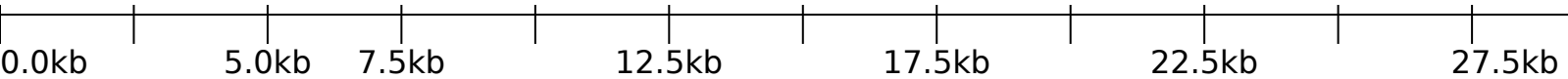
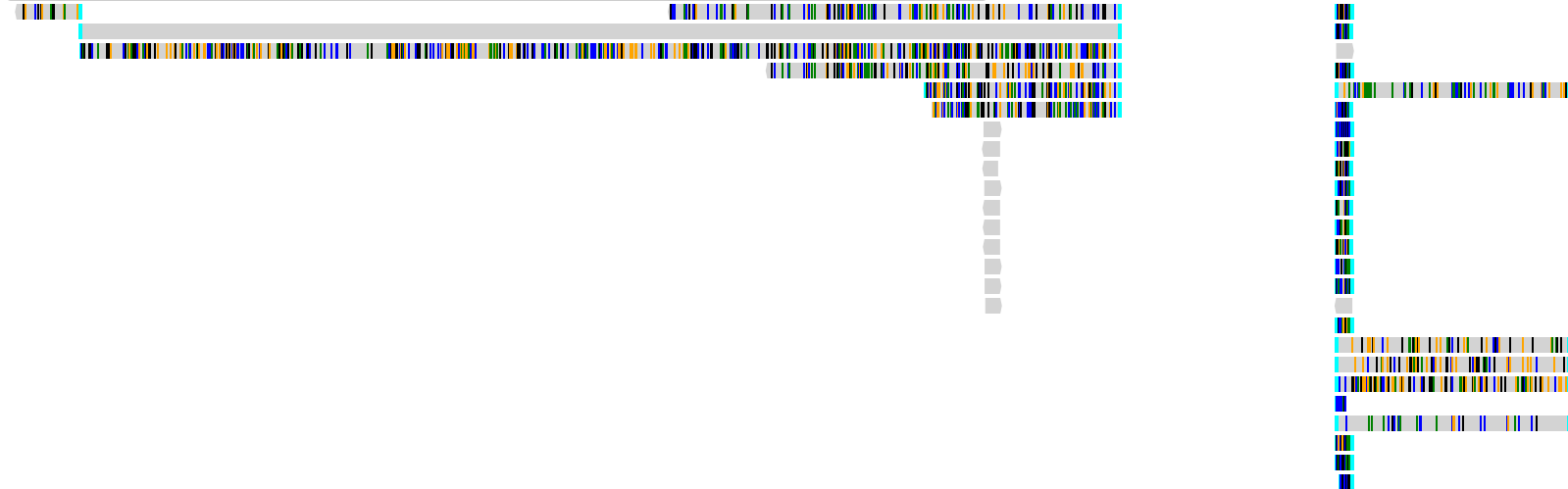
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



HLA-DQB1*06:09:01:01 (identity: 100.00%)

Sample: NA19818

Locus: HLA-DQB1

Resolution: 4th field

Full typing result:

HLA-DQB1*03:431

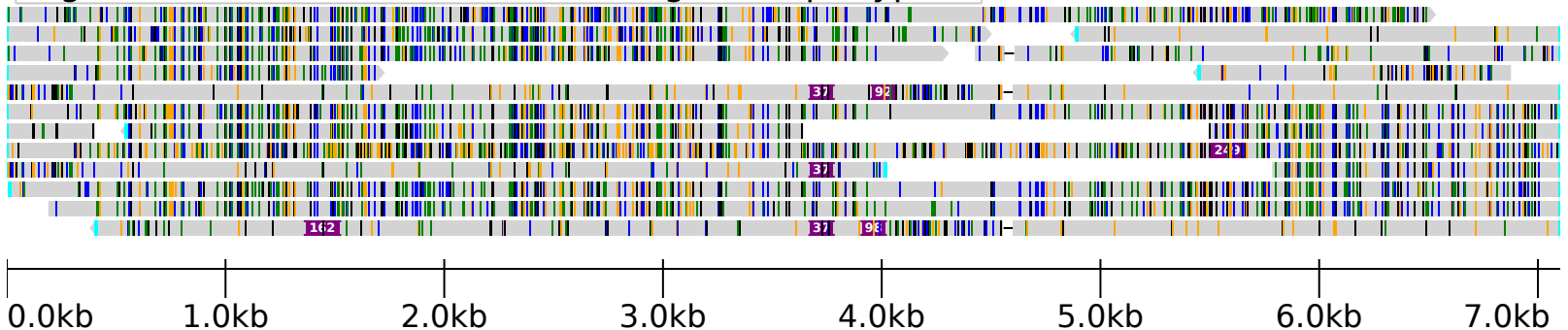
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-DQB1*03:431 (identity: 95.46%)



Sample: NA19818

Locus: HLA-DQB2

Resolution: 4th field

Full typing result:

HLA-DQB2*01:01:01:15 HLA-DQB2*01:01:01:03 HLA-DQB2*01:01:01:04

HLA-DQB2*01:01:01:06 HLA-DQB2*01:05 HLA-DQB2*01:03

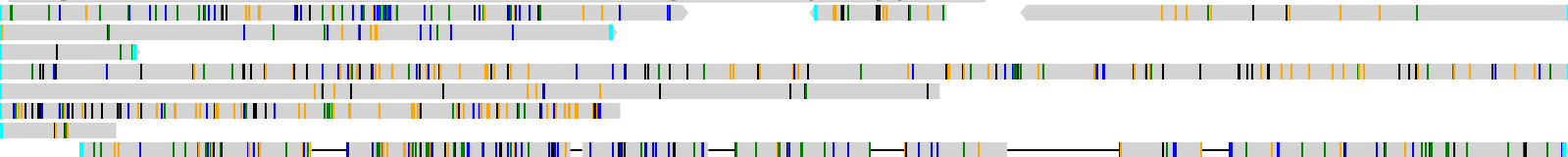
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DQB2*01:01:01:15 (identity: 99.43%)



HLA-DQB2*01:01:01:03 (identity: 99.29%)



HLA-DQB2*01:01:01:04 (identity: 99.31%)



HLA-DQB2*01:01:01:06 (identity: 99.41%)



HLA-DQB2*01:05 (identity: 99.39%)



HLA-DQB2*01:03 (identity: 99.39%)



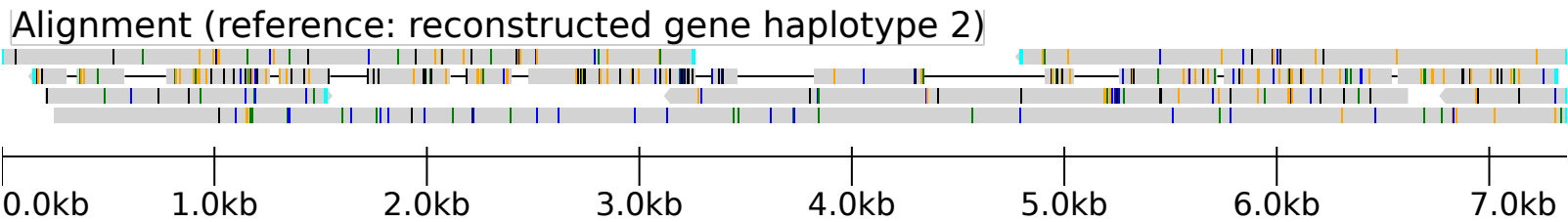
Sample: NA19818

Locus: HLA-DQB2

Resolution: 4th field

Full typing result:

| | | |
|----------------------|----------------------|----------------------|
| HLA-DQB2*01:01:01:01 | HLA-DQB2*01:01:01:07 | HLA-DQB2*01:01:01:13 |
| HLA-DQB2*01:01:01:11 | HLA-DQB2*01:01:01:14 | HLA-DQB2*01:03 |
| HLA-DQB2*01:01:01:02 | HLA-DQB2*01:01:01:03 | HLA-DQB2*01:01:01:04 |
| HLA-DQB2*01:01:01:05 | HLA-DQB2*01:01:01:06 | HLA-DQB2*01:01:01:08 |
| HLA-DQB2*01:01:01:09 | HLA-DQB2*01:01:01:10 | HLA-DQB2*01:01:01:12 |
| HLA-DQB2*01:01:01:16 | HLA-DQB2*01:01:01:17 | HLA-DQB2*01:01:01:18 |
| HLA-DQB2*01:01:03 | HLA-DQB2*01:02:01:01 | HLA-DQB2*01:02:01:02 |
| HLA-DQB2*01:02:01:03 | HLA-DQB2*01:02:01:04 | HLA-DQB2*01:02:02:01 |
| HLA-DQB2*01:02:02:02 | | |



| |
|--|
| HLA-DQB2*01:01:01:01 (identity: 100.00%) |
| HLA-DQB2*01:01:01:07 (identity: 99.99%) |
| HLA-DQB2*01:01:01:13 (identity: 99.99%) |
| HLA-DQB2*01:01:01:11 (identity: 99.97%) |
| HLA-DQB2*01:01:01:14 (identity: 99.96%) |
| HLA-DQB2*01:03 (identity: 99.96%) |
| HLA-DQB2*01:01:01:02 (identity: 99.97%) |
| HLA-DQB2*01:01:01:03 (identity: 99.85%) |
| HLA-DQB2*01:01:01:04 (identity: 99.86%) |
| HLA-DQB2*01:01:01:05 (identity: 99.99%) |

Sample: NA19818

Locus: HLA-DRA

Resolution: 4th field

Full typing result:

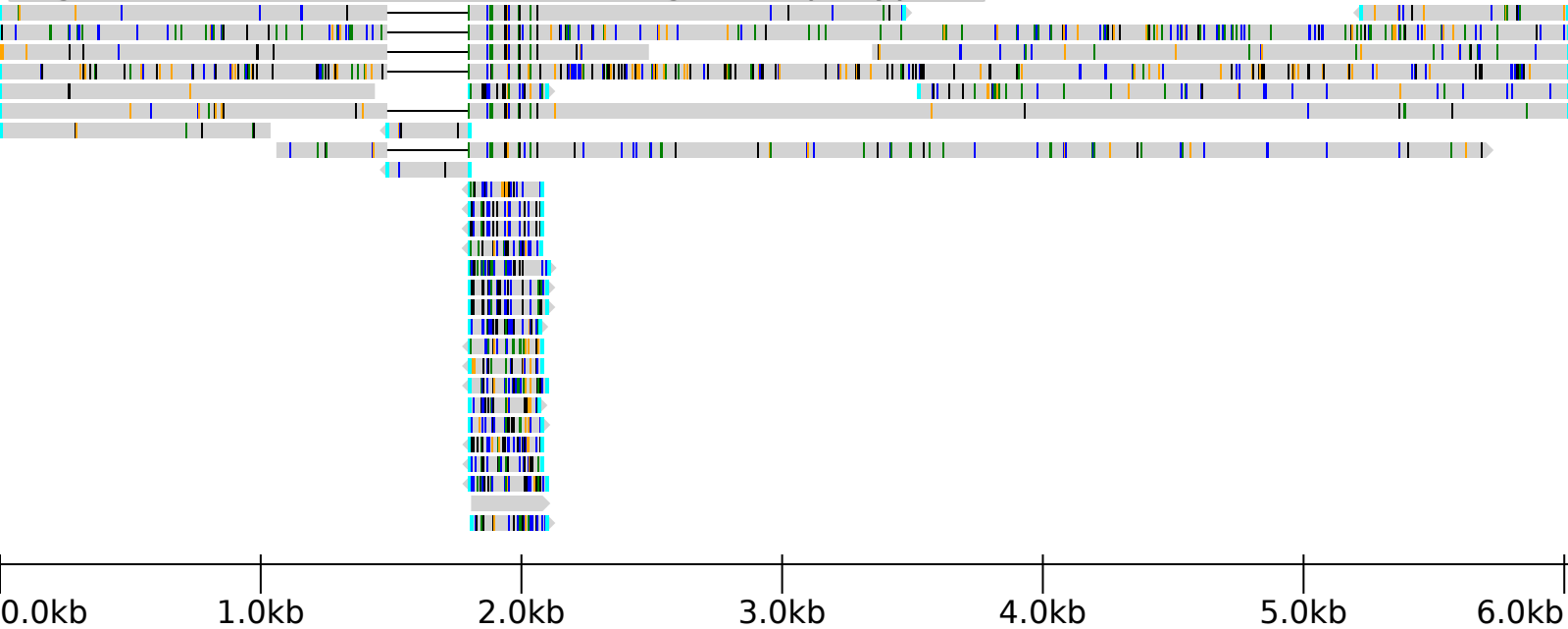
HLA-DRA*01:02:02:03

bam coverage

22
15

variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-DRA*01:02:02:03 (identity: 94.27%)



Sample: NA19818

Locus: HLA-DRA

Resolution: 4th field

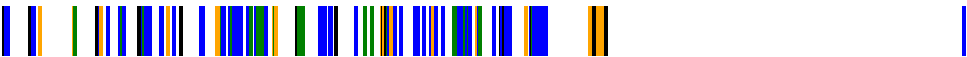
Full typing result:

- HLA-DRA*01:02:02:02
- HLA-DRA*01:02:02:09
- HLA-DRA*01:02:02:11
- HLA-DRA*01:02:03:01
- HLA-DRA*01:02:03:02
- HLA-DRA*01:02:02:07
- HLA-DRA*01:02:02:12
- HLA-DRA*01:08
- HLA-DRA*01:09
- HLA-DRA*01:10

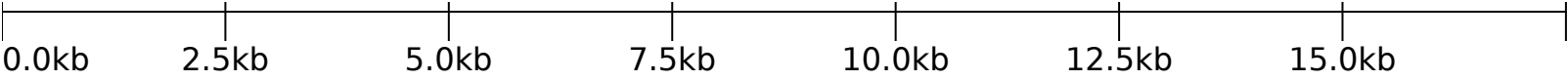
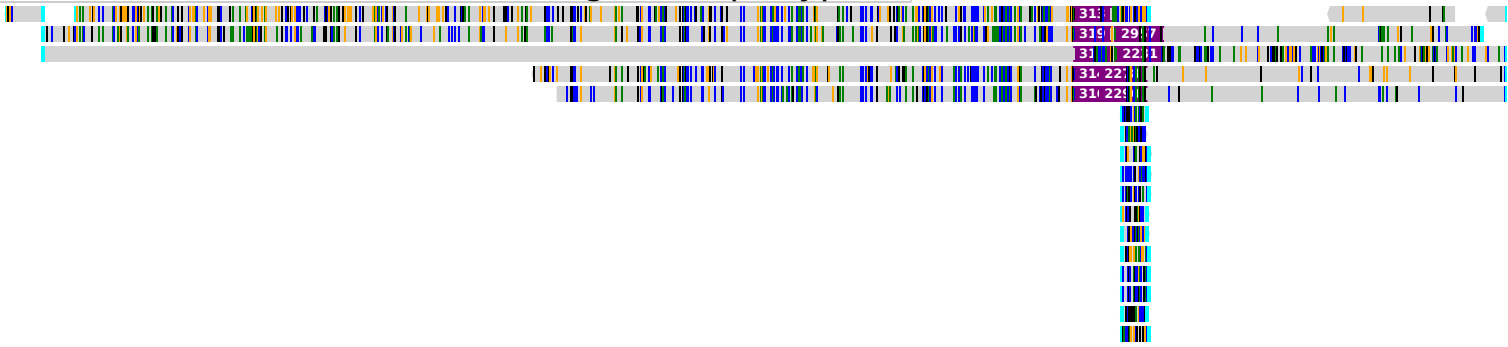
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



| | |
|--|--|
| HLA-DRA*01:02:02:02 (identity: -107.54%) | |
| HLA-DRA*01:02:02:09 (identity: -107.50%) | |
| HLA-DRA*01:02:02:11 (identity: -107.49%) | |
| HLA-DRA*01:02:03:01 (identity: -107.43%) | |
| HLA-DRA*01:02:03:02 (identity: -107.45%) | |
| HLA-DRA*01:02:02:07 (identity: -107.50%) | |
| HLA-DRA*01:02:02:12 (identity: -107.50%) | |
| HLA-DRA*01:08 (identity: -107.45%) | |
| HLA-DRA*01:09 (identity: -107.45%) | |
| HLA-DRA*01:10 (identity: -107.50%) | |

Sample: NA19818

Locus: HLA-DRB1

Resolution: 4th field

Full typing result:

HLA-DRB1*09:01:02:03

HLA-DRB1*09:59

HLA-DRB1*09:01:02:10

HLA-DRB1*09:01:02:04

HLA-DRB1*09:01:02:11

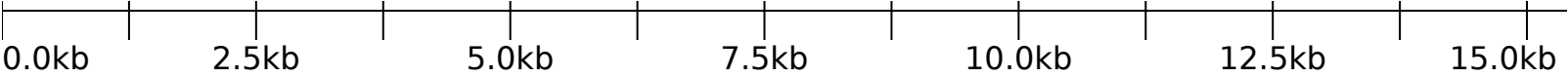
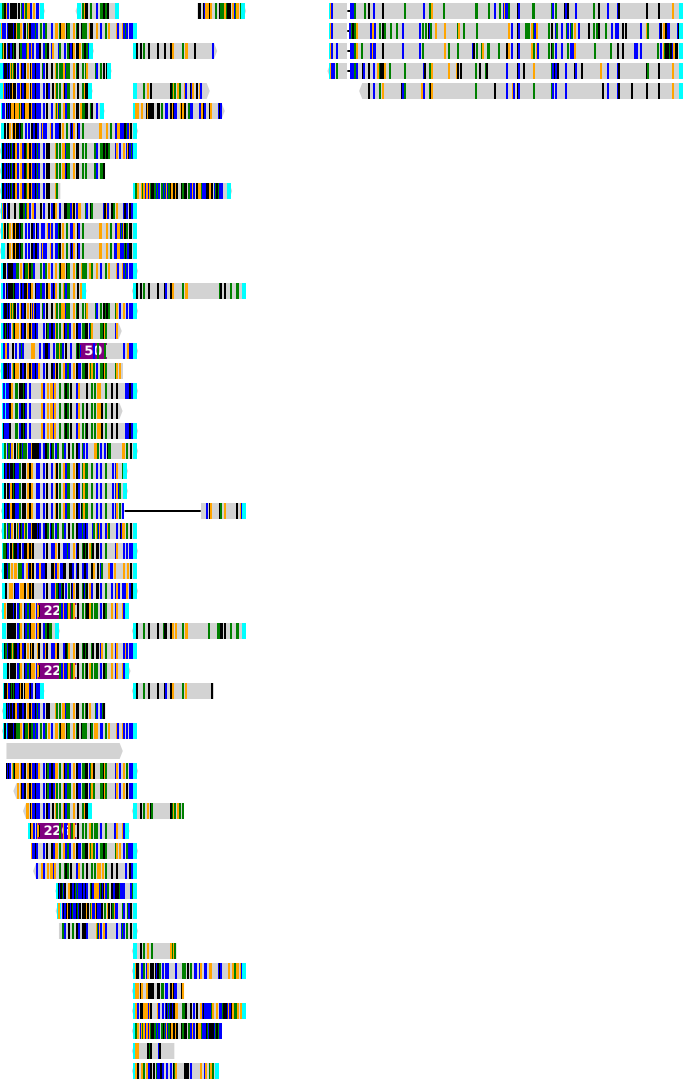
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-DRB1*09:01:02:03 (identity: 89.36%)

HLA-DRB1*09:59 (identity: 89.36%)

HLA-DRB1*09:01:02:10 (identity: 89.30%)

HLA-DRB1*09:01:02:04 (identity: 89.33%)

HLA-DRB1*09:01:02:11 (identity: 89.33%)

Sample: NA19818

Locus: HLA-DRB1

Resolution: 4th field

Full typing result:

HLA-DRB1*08:04:01:05

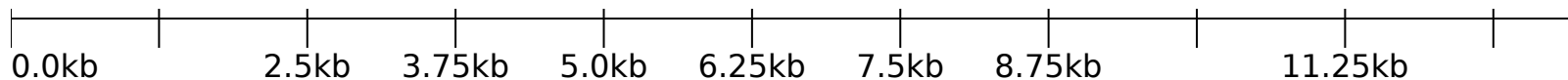
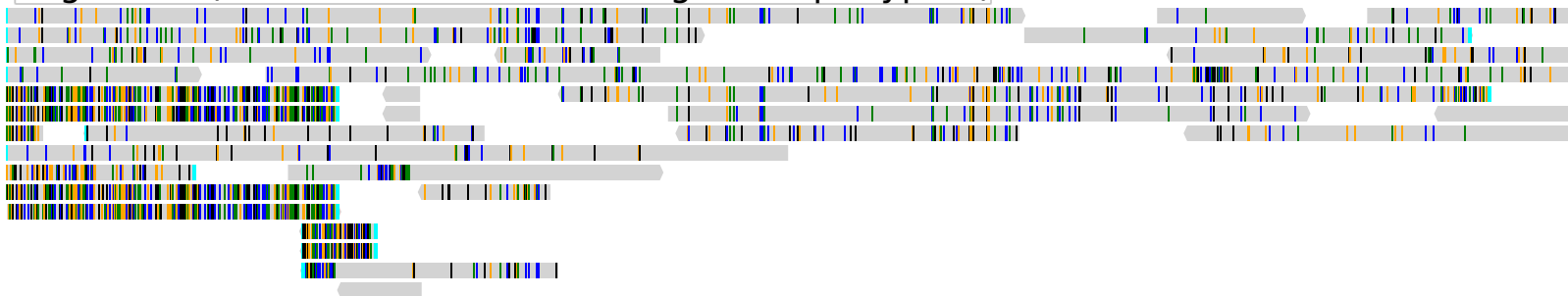
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DRB1*08:04:01:05 (identity: 99.88%)



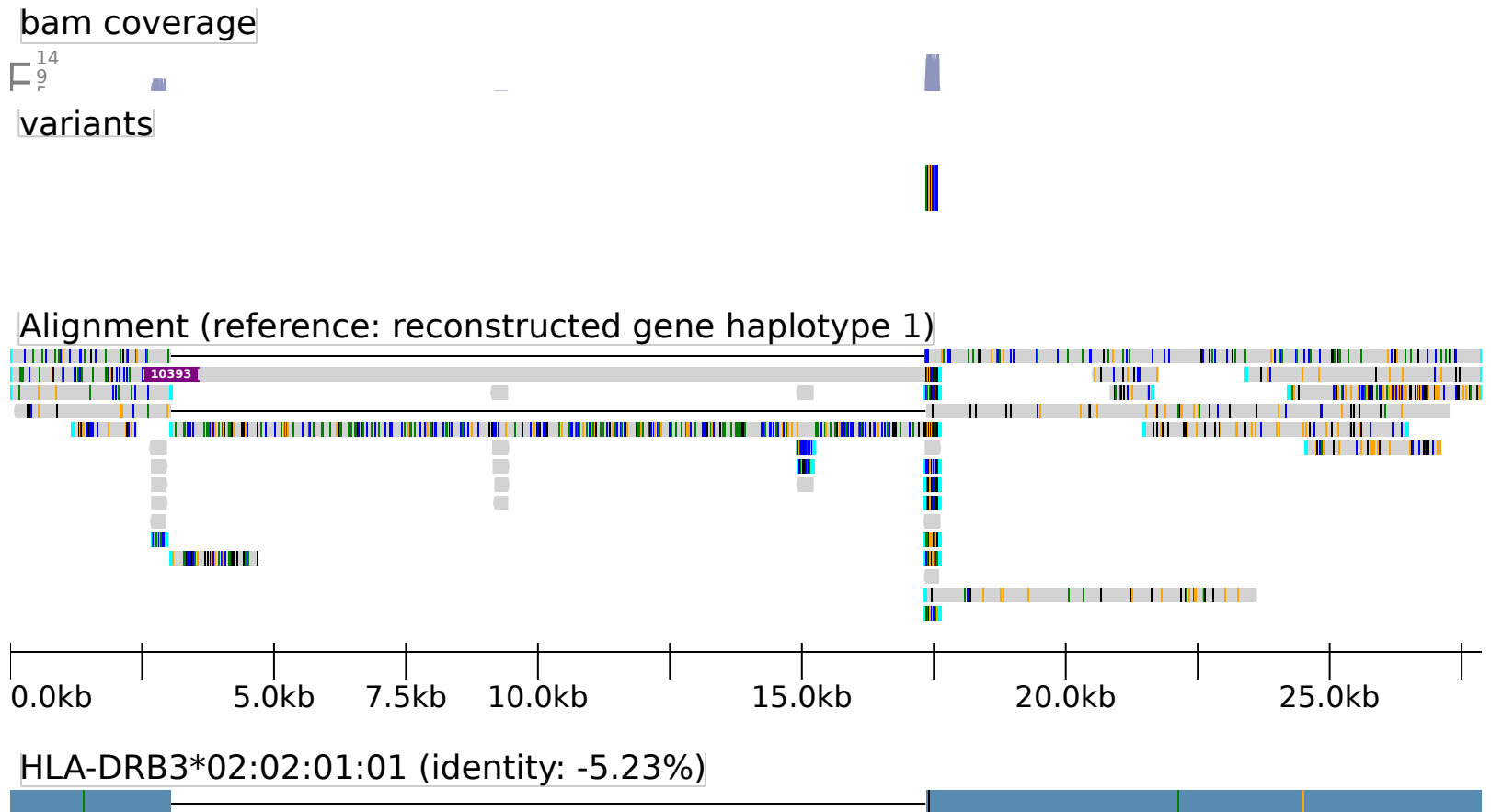
Sample: NA19818

Locus: HLA-DRB3

Resolution: 4th field

Full typing result:

HLA-DRB3*02:02:01:01



Sample: NA19818

Locus: HLA-DRB4

Resolution: 4th field

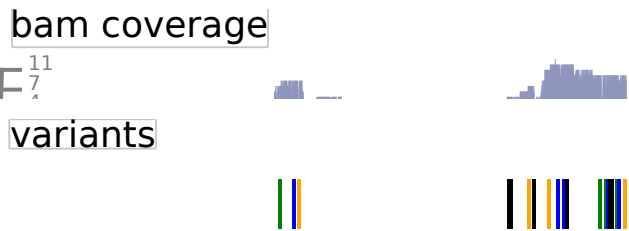
Full typing result:

HLA-DRB4*01:01:01:01

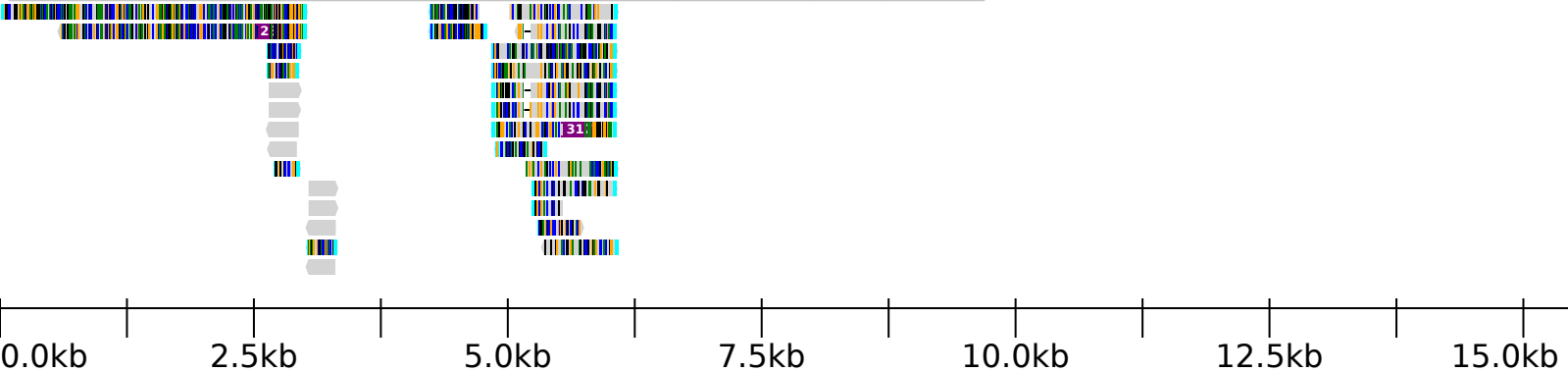
HLA-DRB4*01:01:01:03

HLA-DRB4*01:01:12

HLA-DRB4*02:01N



Alignment (reference: reconstructed gene haplotype 1)



HLA-DRB4*01:01:01:01 (identity: 95.09%)

HLA-DRB4*01:01:01:03 (identity: 94.66%)

HLA-DRB4*01:01:12 (identity: 95.09%)

HLA-DRB4*02:01N (identity: 95.09%)

Sample: NA19818

Locus: HLA-DRB4

Resolution: 4th field

Full typing result:

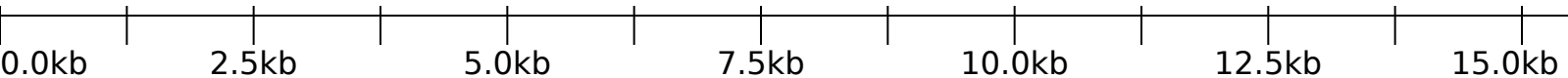
HLA-DRB4*01:03:01:02N

bam coverage

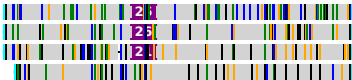
4
3

variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-DRB4*01:03:01:02N (identity: 94.56%)



Sample: NA19818

Locus: HLA-DRB5

Resolution: 4th field

Full typing result:

HLA-DRB5*01:01:01:03

HLA-DRB5*01:01:01:04

bam coverage

14
10

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: 99.13%)



HLA-DRB5*01:01:01:04 (identity: 99.13%)



Sample: NA19818

Locus: HLA-DRB5

Resolution: 4th field

Full typing result:

HLA-DRB5*01:01:01:01

bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-DRB5*01:01:01:01 (identity: 82.56%)



Sample: NA19818

Locus: HLA-E

Resolution: 4th field

Full typing result:

HLA-E*01:01:01:01

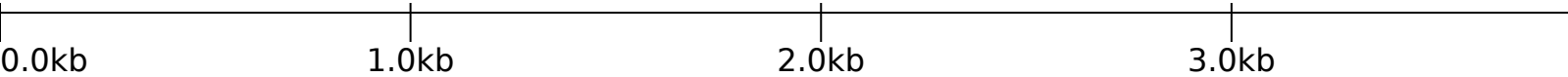
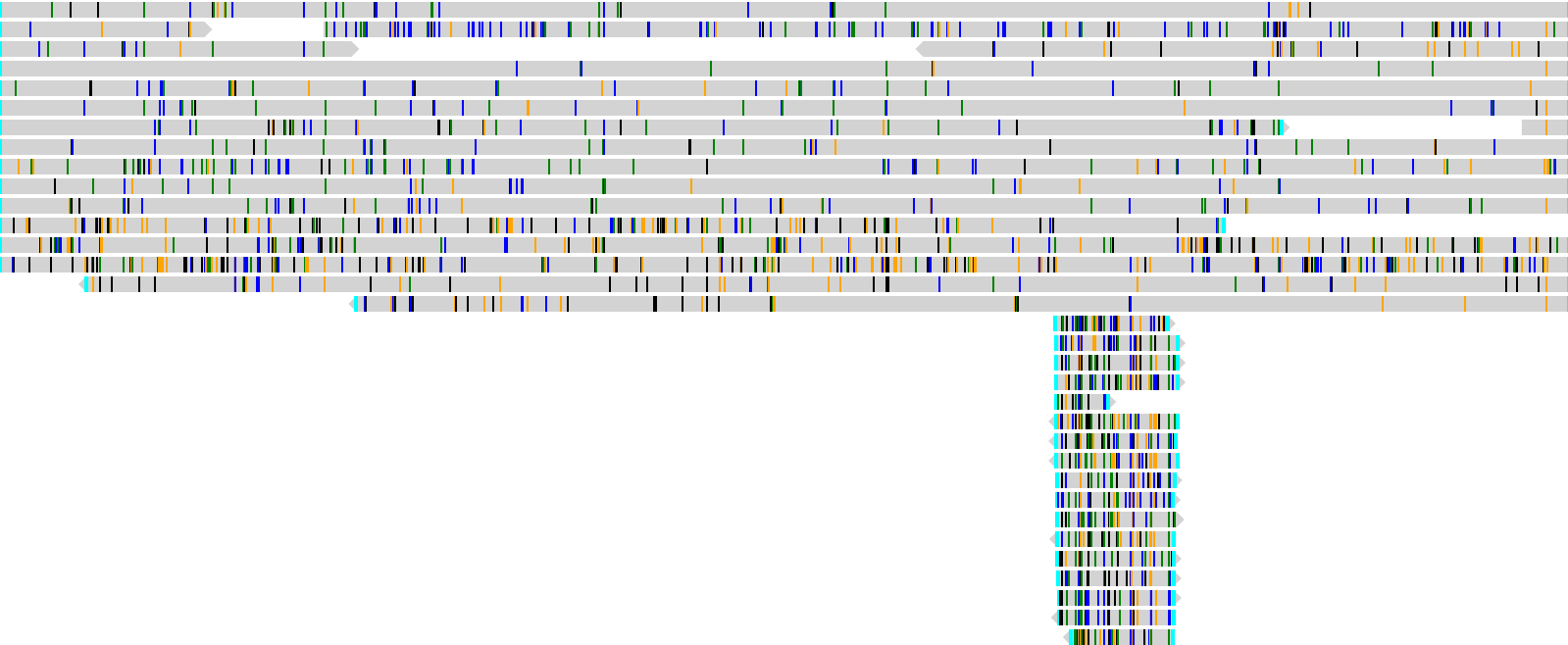
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA19818

Locus: HLA-F

Resolution: 4th field

Full typing result:

HLA-F*01:03:01:03

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

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

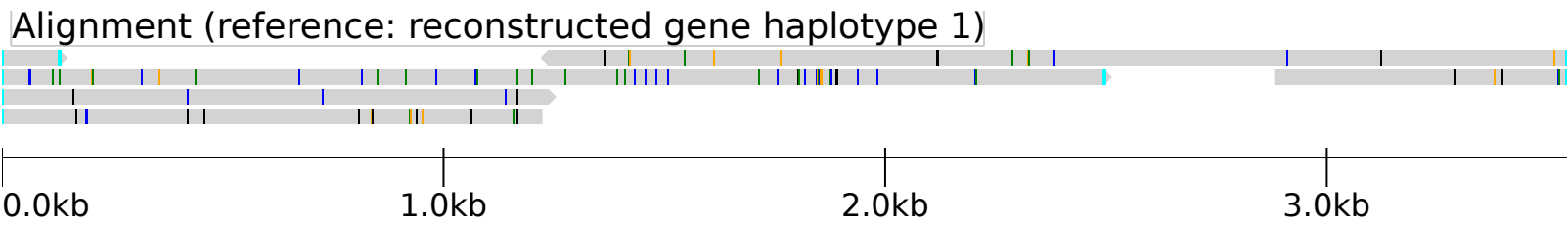
Sample: NA19818

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: NA19818

Locus: HLA-G

Resolution: 4th field

Full typing result:

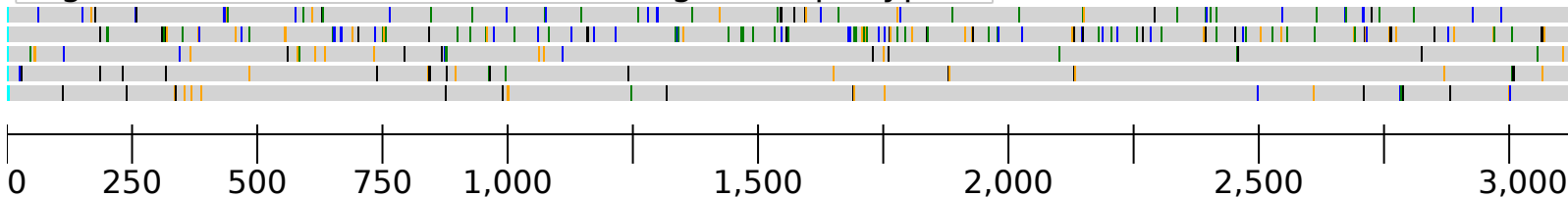
HLA-G*01:05:01N

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA19818

Locus: HLA-H

Resolution: 4th field

Full typing result:

HLA-H*02:05:01:01

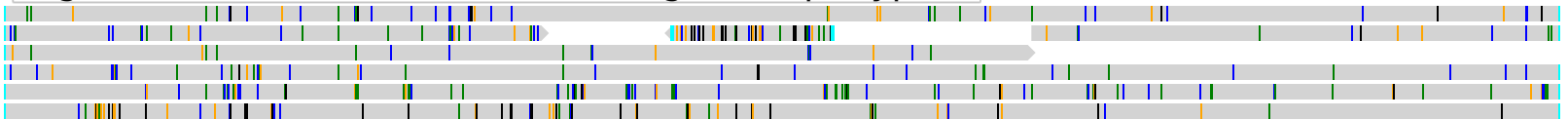
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-H*02:05:01:01 (identity: 99.89%)



Sample: NA19818

Locus: HLA-H

Resolution: 4th field

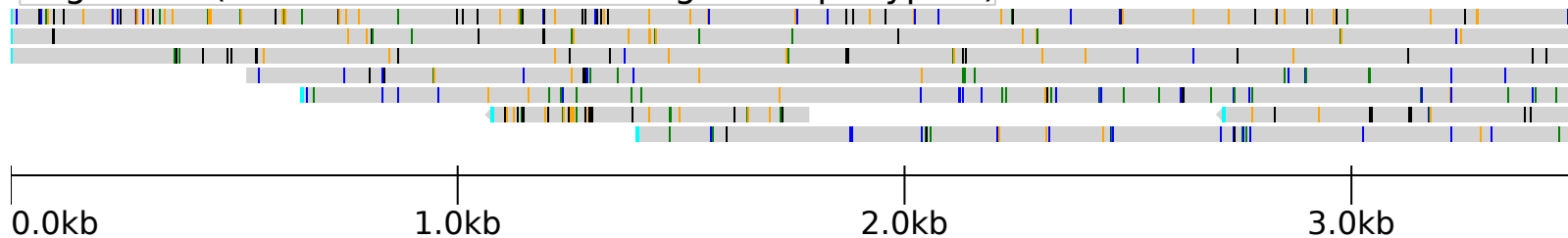
Full typing result:

HLA-H*02:10:01:02

bam coverage



Alignment (reference: reconstructed gene haplotype 2)



HLA-H*02:10:01:02 (identity: 100.00%)

Sample: NA19818

Locus: HLA-J

Resolution: 4th field

Full typing result:

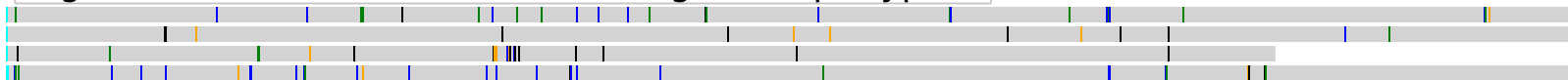
HLA-J*01:01:01:10

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-J*01:01:01:10 (identity: 100.00%)

Sample: NA19818

Locus: HLA-J

Resolution: 4th field

Full typing result:

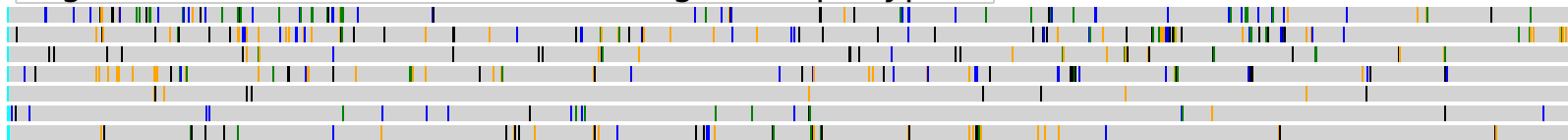
HLA-J*01:01:01:02

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: NA19818

Locus: HLA-K

Resolution: 4th field

Full typing result:

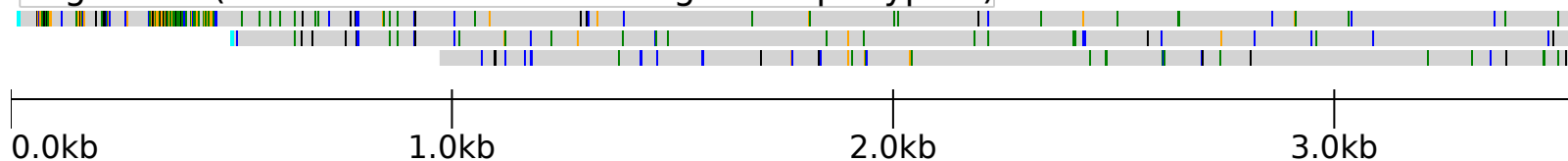
HLA-K*01:01:01:01

bam coverage

3
2
4

variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-K*01:01:01:01 (identity: 93.27%)



Sample: NA19818

Locus: HLA-K

Resolution: 4th field

Full typing result:

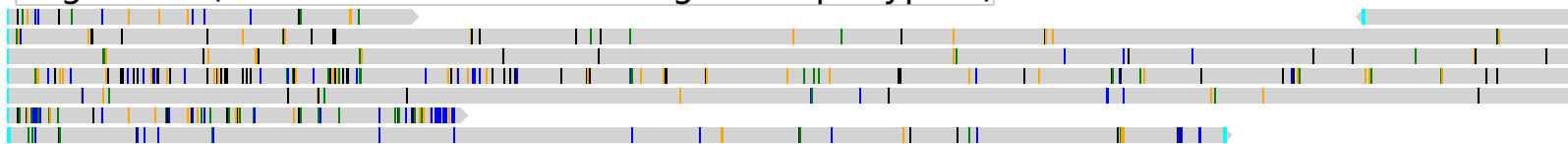
HLA-K*01:01:01:02

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

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

Sample: NA19818

Locus: HLA-L

Resolution: 4th field

Full typing result:

HLA-L*01:01:01:01

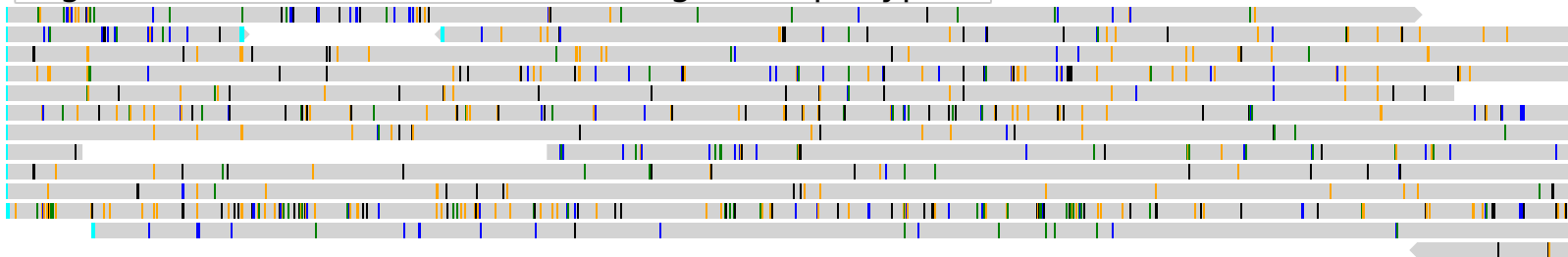
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



0.0kb

1.0kb

2.0kb

3.0kb

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



Sample: NA19818

Locus: HLA-P

Resolution: 4th field

Full typing result:

HLA-P*01:01:01:01

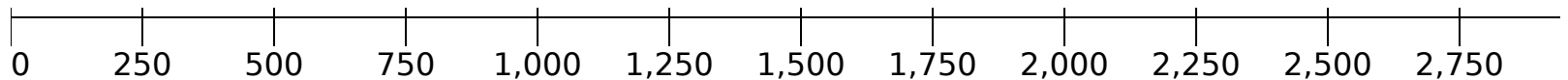
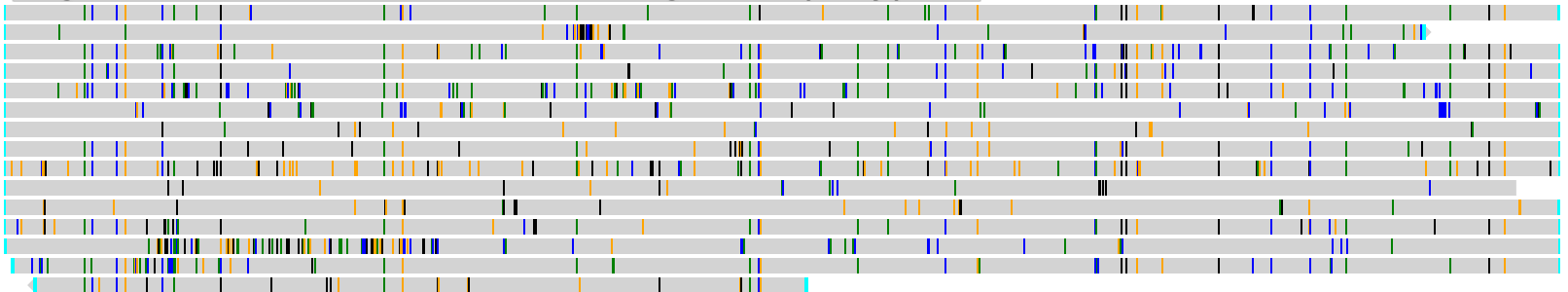
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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



Sample: NA19818

Locus: HLA-T

Resolution: 4th field

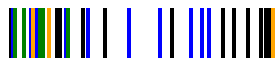
Full typing result:

HLA-T*03:01:01:01

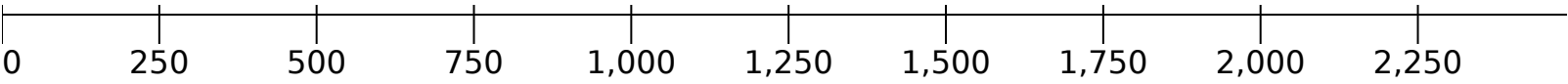
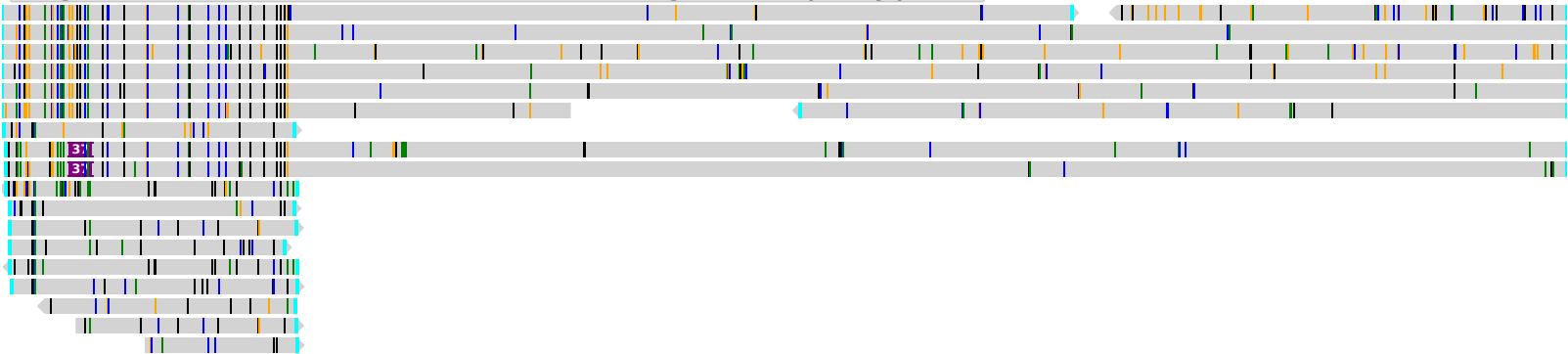
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



Sample: NA19818

Locus: HLA-T

Resolution: 4th field

Full typing result:

HLA-T*01:01:01:01

HLA-T*01:01:01:02

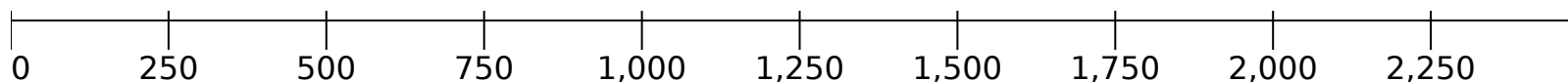
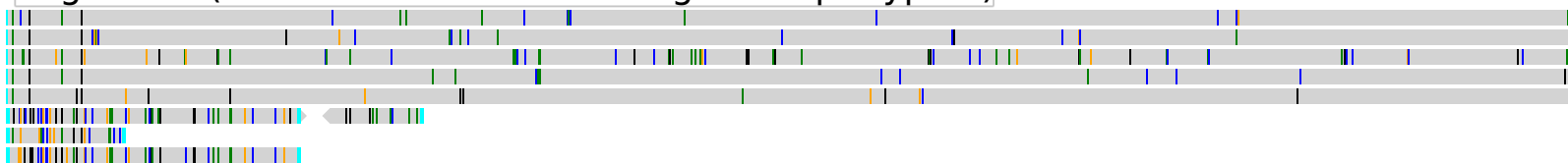
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



HLA-T*01:01:01:01 (identity: 99.84%)



HLA-T*01:01:01:02 (identity: 99.84%)



Sample: NA19818

Locus: HLA-U

Resolution: 4th field

Full typing result:

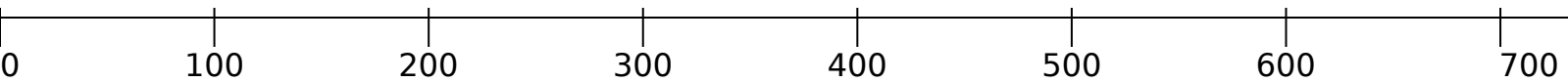
HLA-U*01:03

bam coverage

24
16

variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-U*01:03 (identity: 98.09%)

Sample: NA19818

Locus: HLA-V

Resolution: 4th field

Full typing result:

HLA-V*01:01:01:03

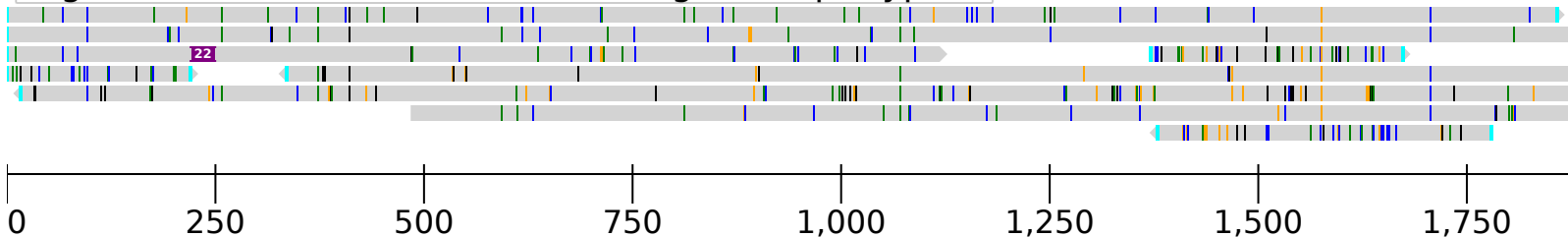
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



HLA-V*01:01:01:03 (identity: 99.79%)



Sample: NA19818

Locus: HLA-W

Resolution: 4th field

Full typing result:

HLA-W*01:01:01:02

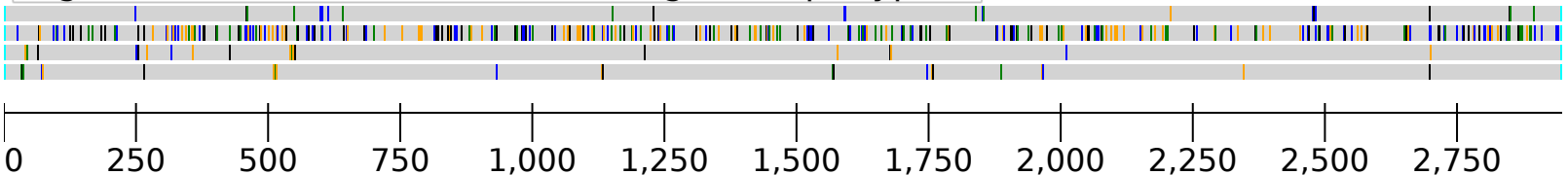
HLA-W*01:01:01:06

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



HLA-W*01:01:01:02 (identity: 99.97%)

HLA-W*01:01:01:06 (identity: 99.93%)

Sample: NA19818

Locus: HLA-W

Resolution: 4th field

Full typing result:

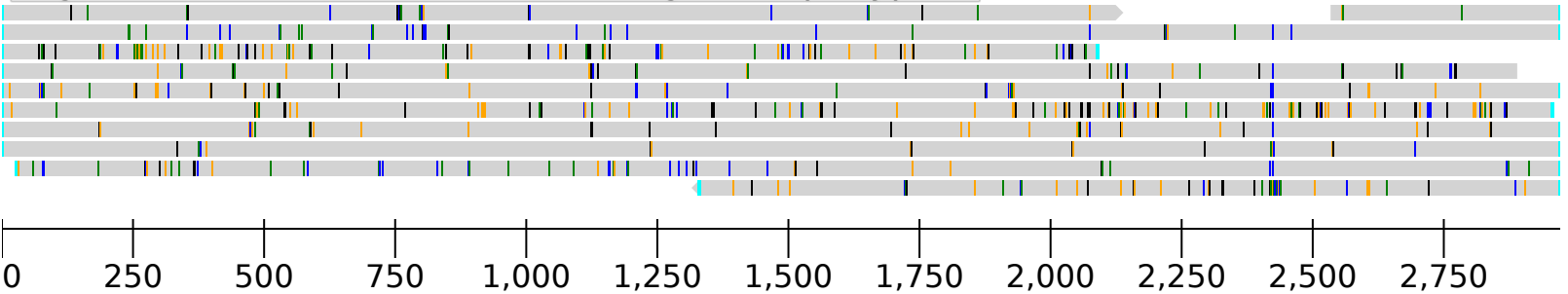
HLA-W*03:01:01:01

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



HLA-W*03:01:01:01 (identity: 98.23%)



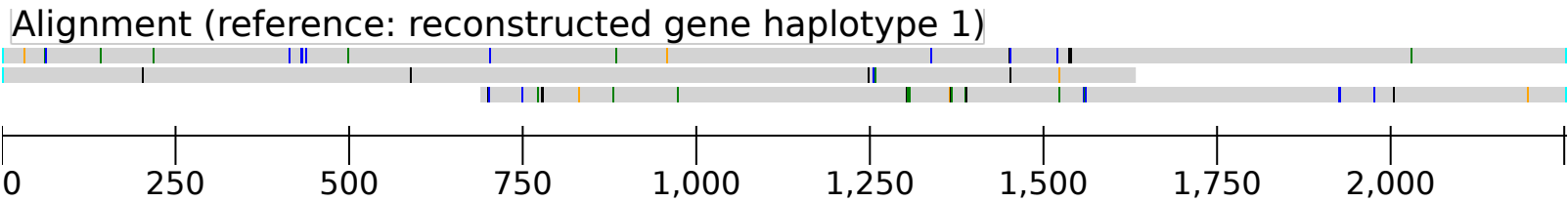
Sample: NA19818

Locus: HLA-Y

Resolution: 4th field

Full typing result:

HLA-Y*02:01



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



Locus: MICA

Resolution: 4th field

Full typing result:

MICA*001:01



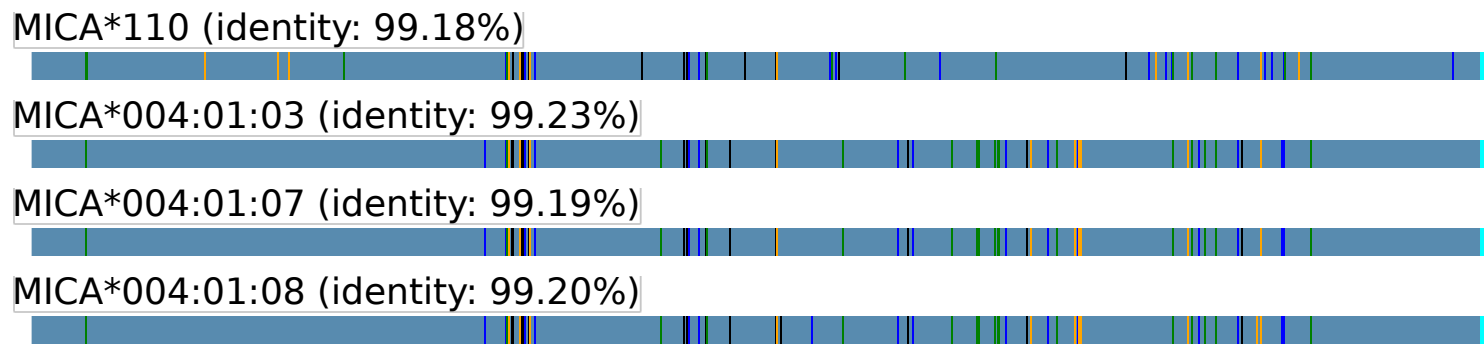
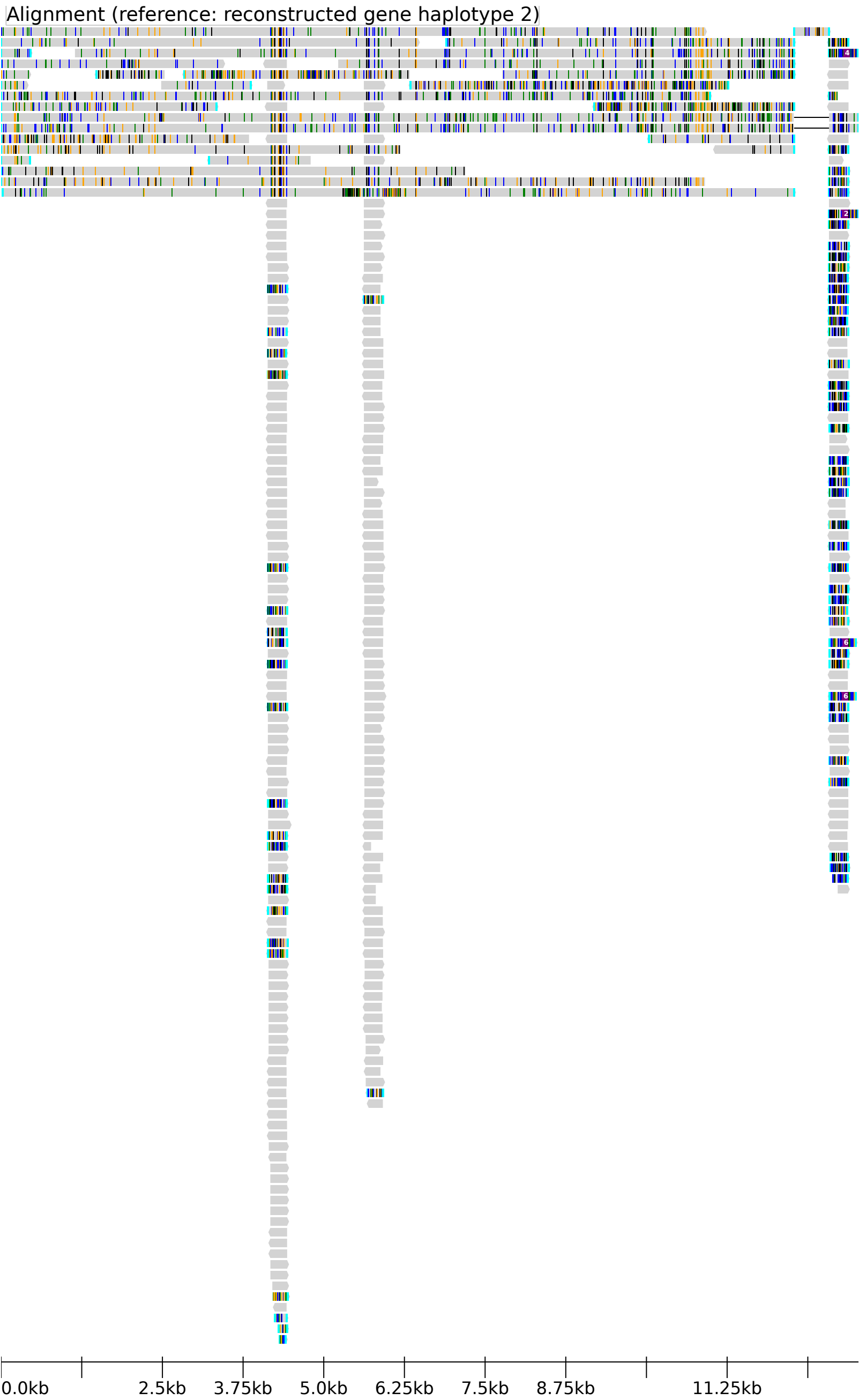
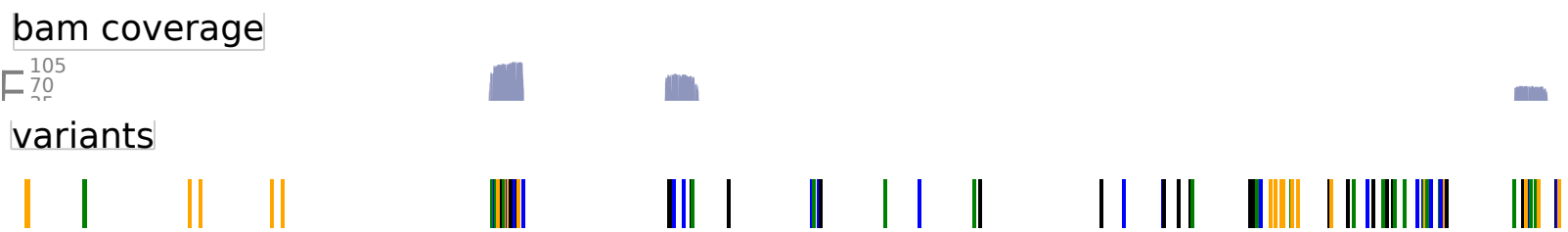
Sample: NA19818

Locus: MICA

Resolution: 4th field

Full typing result:

MICA*110 MICA*004:01:03 MICA*004:01:07 MICA*004:01:08



Sample: NA19818

Locus: MICB

Resolution: 4th field

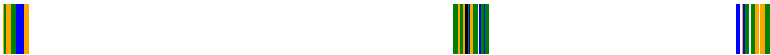
Full typing result:

MICB*002:01:01

bam coverage



variants



Alignment (reference: reconstructed gene haplotype 1)



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

MICB*002:01:01 (identity: 99.81%)



Sample: NA19818

Locus: MICB

Resolution: 4th field

Full typing result:

MICB*005:02:02

bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



0.0kb

2.5kb

5.0kb

7.5kb

10.0kb

12.5kb

MICB*005:02:02 (identity: 79.34%)



Sample: NA19818

Locus: TAP1

Resolution: 4th field

Full typing result:

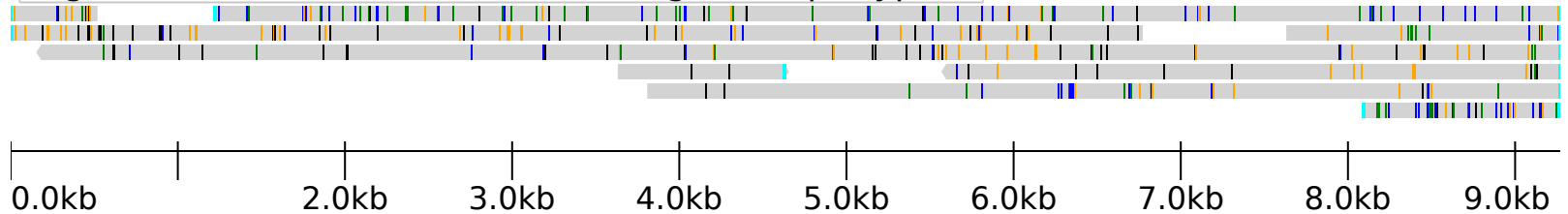
TAP1*01:01:01:03

bam coverage

6
4

variants

Alignment (reference: reconstructed gene haplotype 1)



TAP1*01:01:01:03 (identity: 100.00%)

Sample: NA19818

Locus: TAP1

Resolution: 4th field

Full typing result:

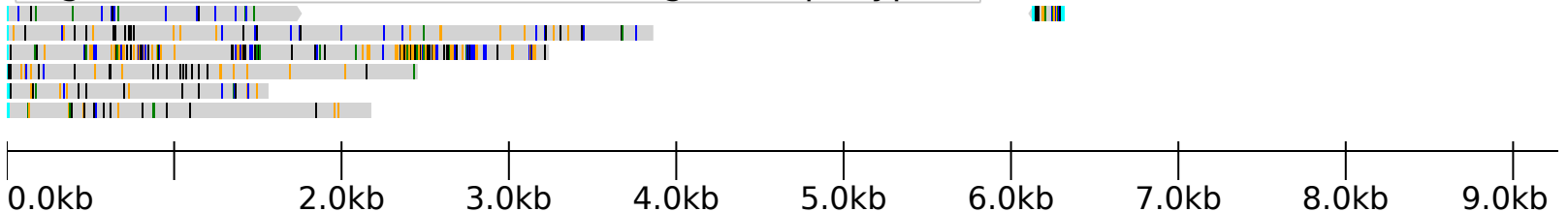
TAP1*01:01:01:04

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 2)



TAP1*01:01:01:04 (identity: 91.66%)



Sample: NA19818

Locus: TAP2

Resolution: 4th field

Full typing result:

TAP2*01:01:03:02

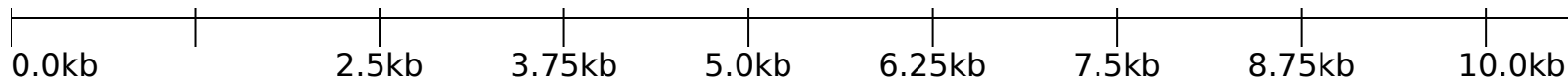
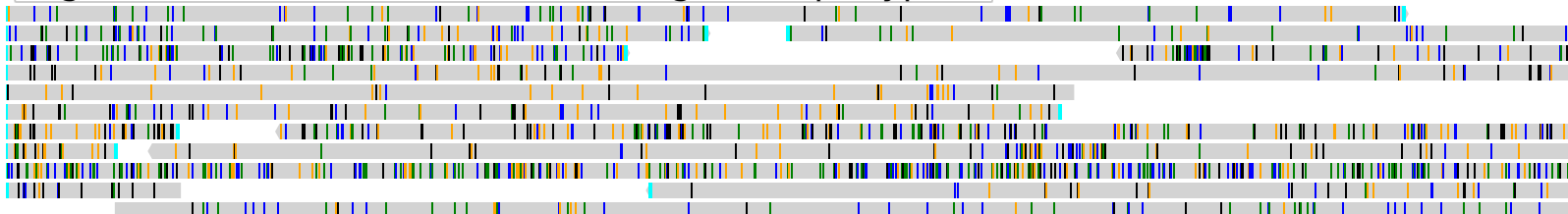
TAP2*01:01:03:03

bam coverage



variants

Alignment (reference: reconstructed gene haplotype 1)



TAP2*01:01:03:02 (identity: 99.96%)



TAP2*01:01:03:03 (identity: 99.95%)



Sample: NA19818

Locus: TAP2

Resolution: 4th field

Full typing result:

TAP2*02:01:02:01

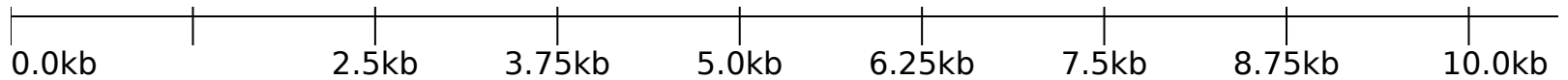
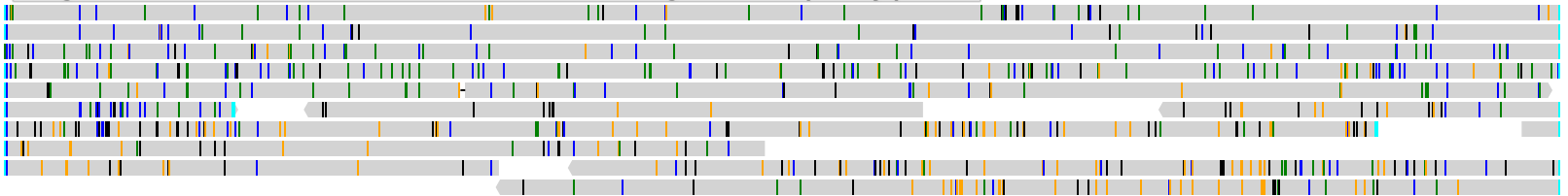
bam coverage



variants



Alignment (reference: reconstructed gene haplotype 2)



TAP2*02:01:02:01 (identity: 99.87%)

