Sample: **NA19828**

Locus: **HLA-A**

Resolution: **4th field**

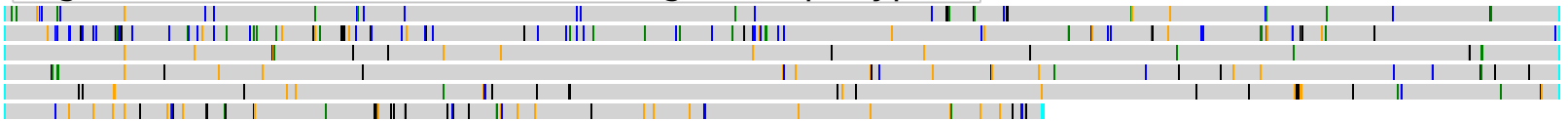***Full typing result:***

HLA-A*36:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

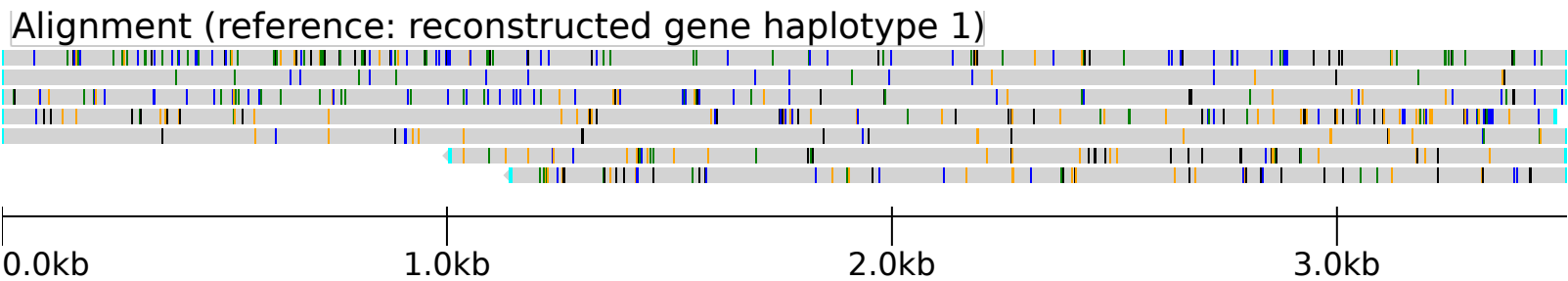0.0kb 1.0kb 2.0kb 3.0kb

HLA-A*36:01:01:01 (identity: 99.97%)

Sample: NA19828

Locus: HLA-A

Resolution: 4th field

Full typing result:

HLA-A*02:01:01:01	HLA-A*02:01:01:52	HLA-A*02:01:01:51
HLA-A*02:01:01:05	HLA-A*02:01:01:06	HLA-A*02:01:01:07
HLA-A*02:01:01:08	HLA-A*02:01:01:132	HLA-A*02:01:01:137
HLA-A*02:01:01:147	HLA-A*02:01:01:148	HLA-A*02:01:01:159
HLA-A*02:01:01:198	HLA-A*02:01:01:206	HLA-A*02:01:01:209

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb

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

HLA-A*02:01:01:52 (identity: 99.94%)

HLA-A*02:01:01:51 (identity: 99.97%)

HLA-A*02:01:01:05 (identity: 99.97%)

HLA-A*02:01:01:06 (identity: 99.97%)

HLA-A*02:01:01:07 (identity: 99.97%)

HLA-A*02:01:01:08 (identity: 99.97%)

HLA-A*02:01:01:132 (identity: 99.97%)

HLA-A*02:01:01:137 (identity: 99.97%)

HLA-A*02:01:01:147 (identity: 99.97%)

Sample: **NA19828**

Locus: **HLA-B**

Resolution: **4th field**

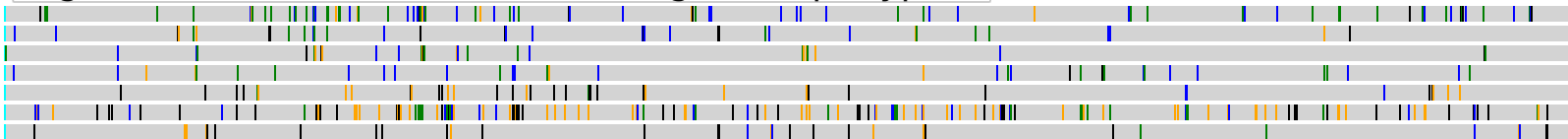*Full typing result:*

HLA-B*40:01:02:04

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb

HLA-B*40:01:02:04 (identity: 100.00%)
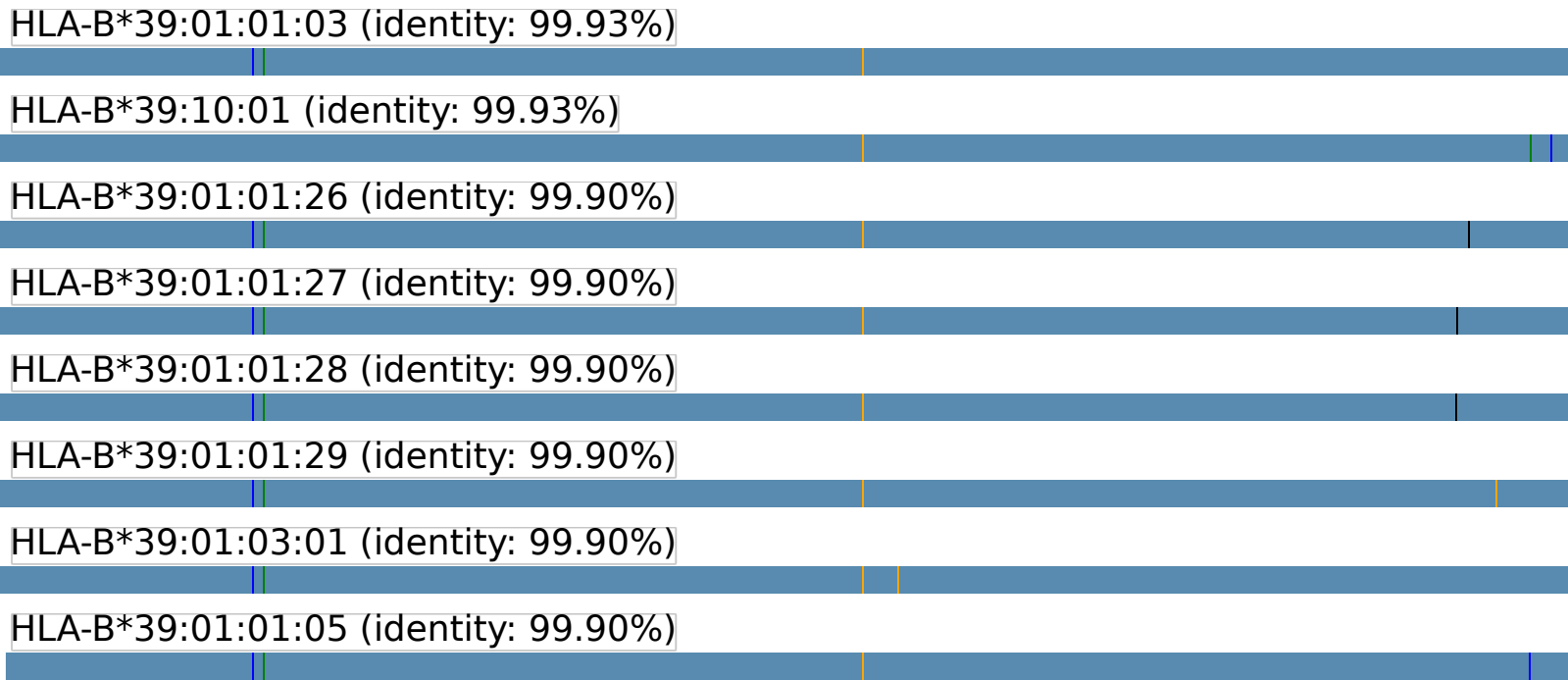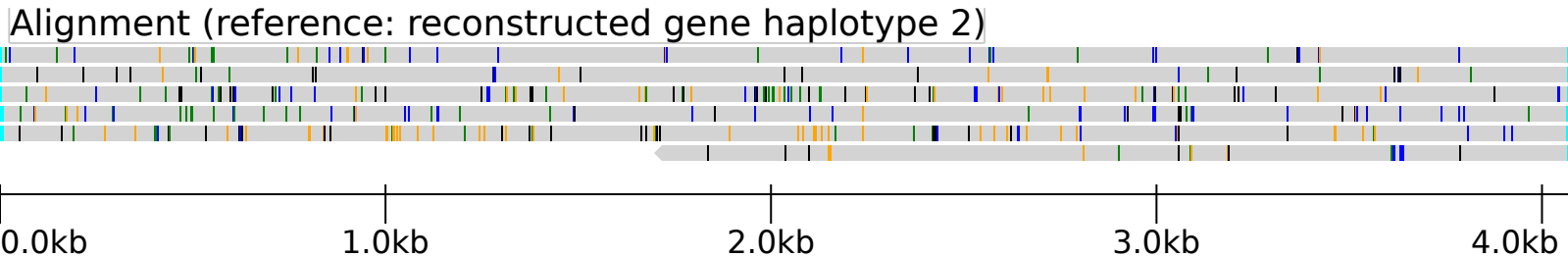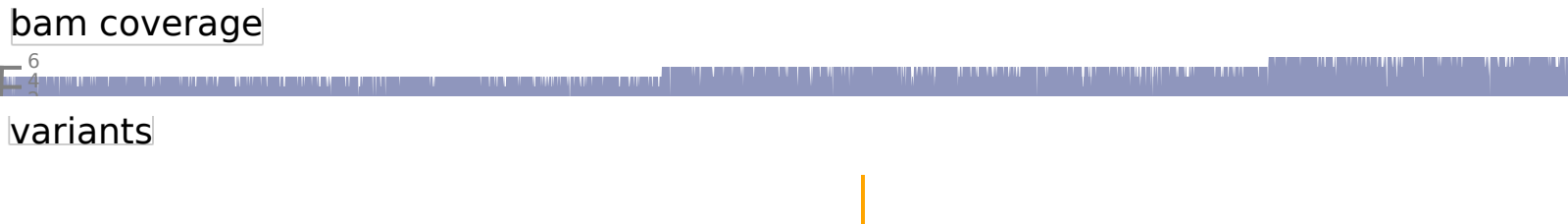
Sample: NA19828

Locus: HLA-B

Resolution: 4th field

Full typing result:

| HLA-B*39:01:01:03 | HLA-B*39:10:01 | HLA-B*39:01:01:26 |

| HLA-B*39:01:01:27 | HLA-B*39:01:01:28 | HLA-B*39:01:01:29 |

| HLA-B*39:01:03:01 | HLA-B*39:01:01:05 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb

HLA-B*39:01:01:03 (identity: 99.93%)

HLA-B*39:10:01 (identity: 99.93%)

HLA-B*39:01:01:26 (identity: 99.90%)

HLA-B*39:01:01:27 (identity: 99.90%)

HLA-B*39:01:01:28 (identity: 99.90%)

HLA-B*39:01:01:29 (identity: 99.90%)

HLA-B*39:01:03:01 (identity: 99.90%)

HLA-B*39:01:01:05 (identity: 99.90%)

Sample: **NA19828**

Locus: **HLA-C**

Resolution: **4th field**

Full typing result:

| HLA-C*03:04:01:01 | HLA-C*03:04:01:02 | HLA-C*03:04:01:86 |

| HLA-C*03:04:01:88 | HLA-C*03:04:01:90Q | HLA-C*03:04:75 |

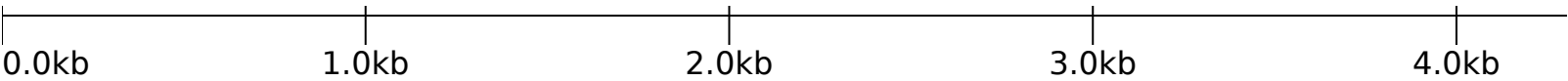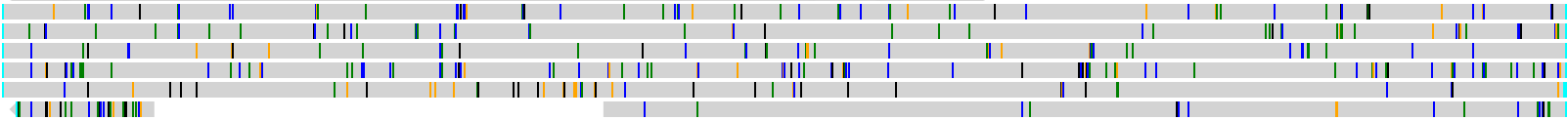| HLA-C*03:605 | HLA-C*03:09 | HLA-C*03:04:05 |

| HLA-C*03:38:02 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb

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

HLA-C*03:04:01:02 (identity: 99.98%)

HLA-C*03:04:01:86 (identity: 99.98%)

HLA-C*03:04:01:88 (identity: 99.98%)

HLA-C*03:04:01:90Q (identity: 99.91%)

HLA-C*03:04:75 (identity: 99.98%)

HLA-C*03:605 (identity: 99.98%)

HLA-C*03:09 (identity: 99.98%)

HLA-C*03:04:05 (identity: 99.98%)

HLA-C*03:38:02 (identity: 99.98%)

Sample: **NA19828**

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 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb
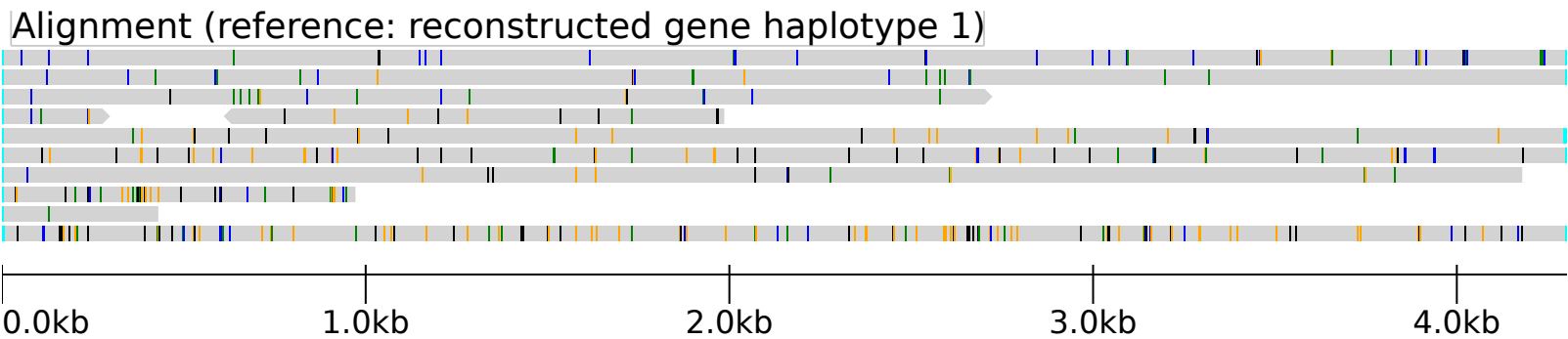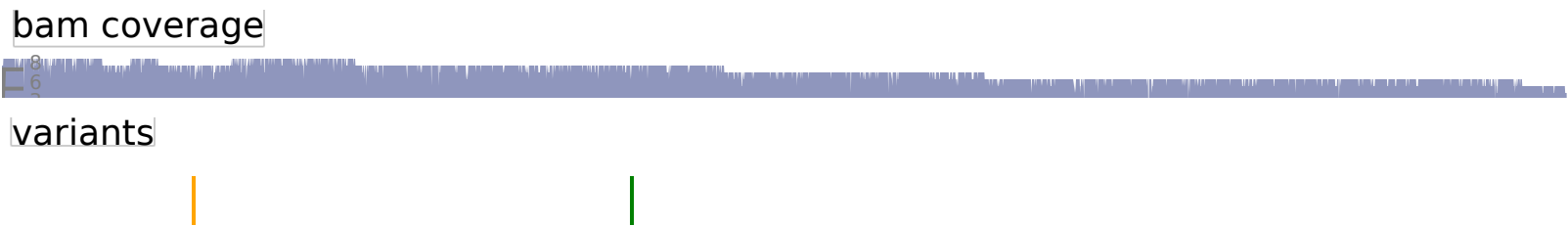
HLA-C*12:03:01:01 (identity: 100.00%)

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: **NA19828**

Locus: **HLA-DMA**

Resolution: **4th field**

Full typing result:

HLA-DMA*01:01:01:02   HLA-DMA*01:01:01:16   HLA-DMA*01:01:01:29
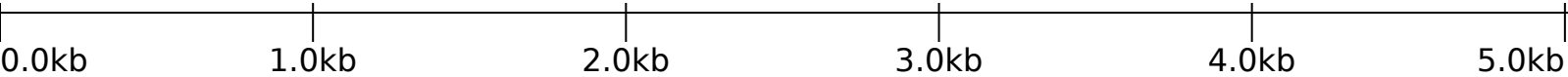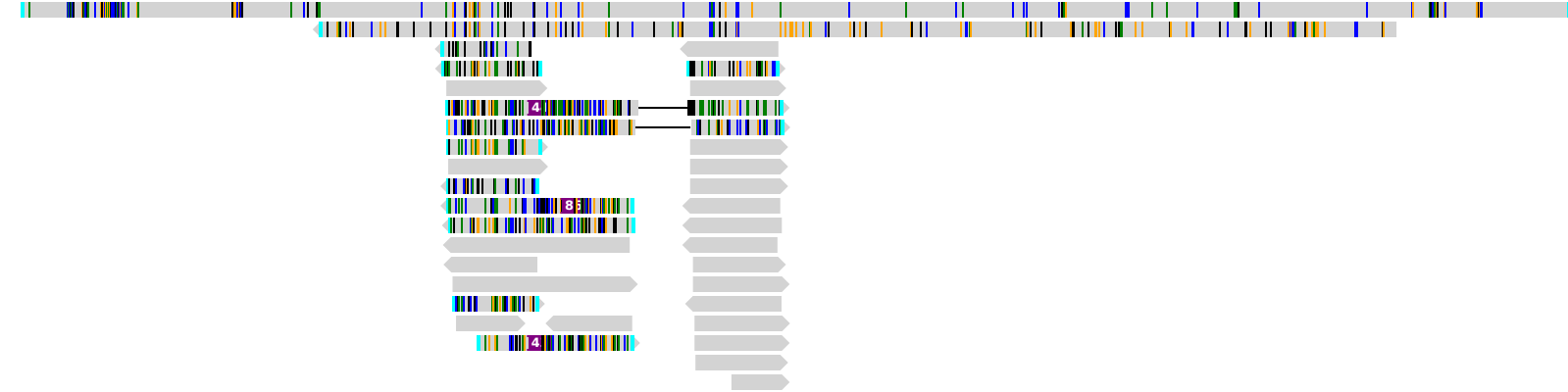
HLA-DMA*01:01:01:20

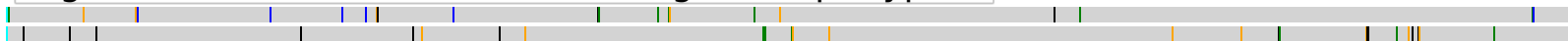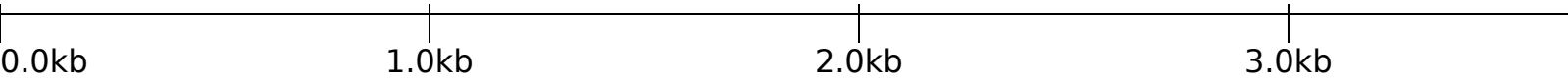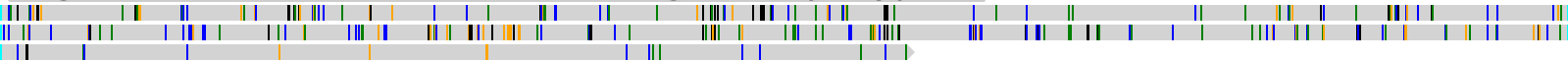

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

HLA-DMA*01:01:01:02 (identity: 95.02%)

HLA-DMA*01:01:01:16 (identity: 94.91%)

HLA-DMA*01:01:01:29 (identity: 94.91%)

HLA-DMA*01:01:01:20 (identity: 94.93%)

Sample: NA19828

Locus: HLA-DMB

Resolution: 4th field

Full typing result:

HLA-DMB*01:03:01:03

bam coverage

8
6
2

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb 1.0kb 2.0kb 3.0kb 4.0kb 5.0kb 6.0kb
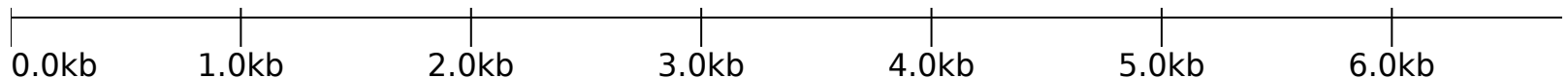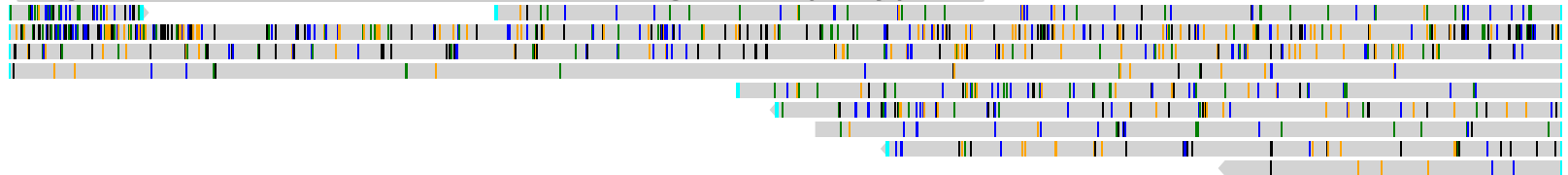
HLA-DMB*01:03:01:03 (identity: 100.00%)

Sample: **NA19828**

Locus: **HLA-DOA**

Resolution: **4th field**

Full typing result:

HLA-DOA*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: NA19828

Locus: HLA-DOA

Resolution: 4th field

Full typing result:

HLA-DOA*01:01:04:05   HLA-DOA*01:01:04:10   HLA-DOA*01:01:04:03

HLA-DOA*01:01:04:06

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb

HLA-DOA*01:01:04:05 (identity: 99.92%)

HLA-DOA*01:01:04:10 (identity: 99.89%)

HLA-DOA*01:01:04:03 (identity: 99.89%)

HLA-DOA*01:01:04:06 (identity: 99.89%)

Sample: NA19828

Locus: HLA-DOB
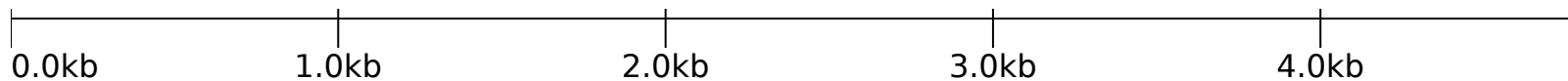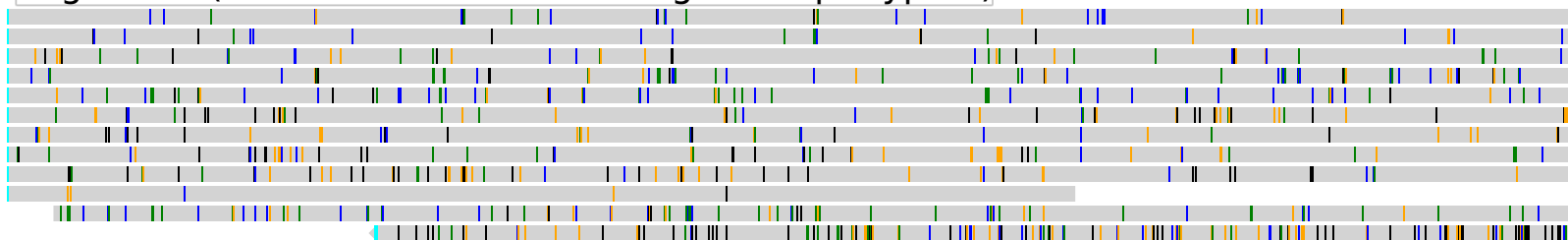
Resolution: 4th field

Full typing result:

HLA-DOB*01:05   HLA-DOB*01:01:01:04

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb

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

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

Sample: NA19828

Locus: HLA-DPA2

Resolution: 4th field
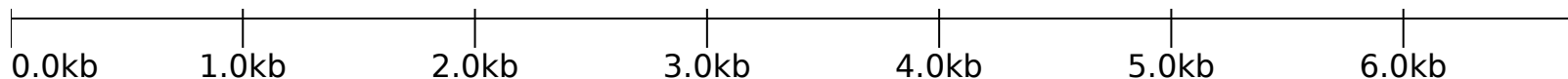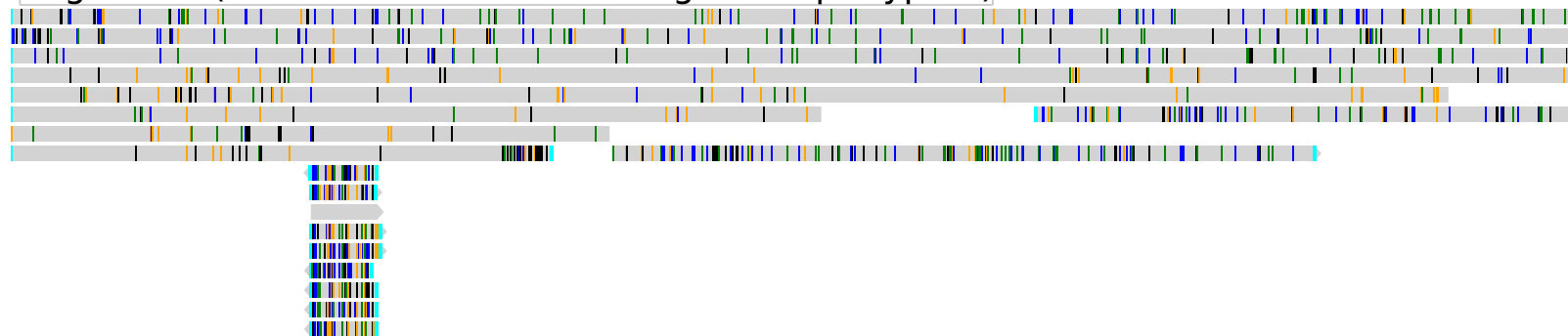
Full typing result:

HLA-DPA2*01:01:01:03

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

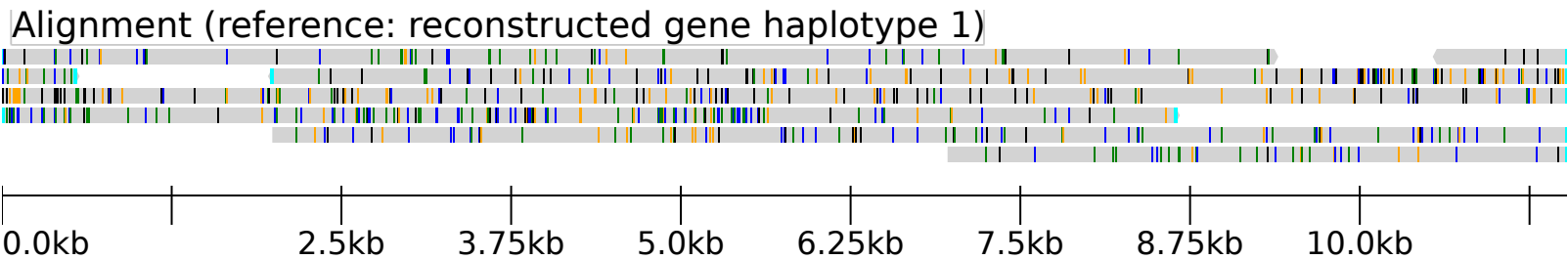HLA-DPA2*01:01:01:03 (identity: 99.97%)

Sample: NA19828

Locus: HLA-DPB1

Resolution: 4th field

Full typing result:

| HLA-DPB1*1436:01 | 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 |

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

HLA-DPB1*1436:01 (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%)
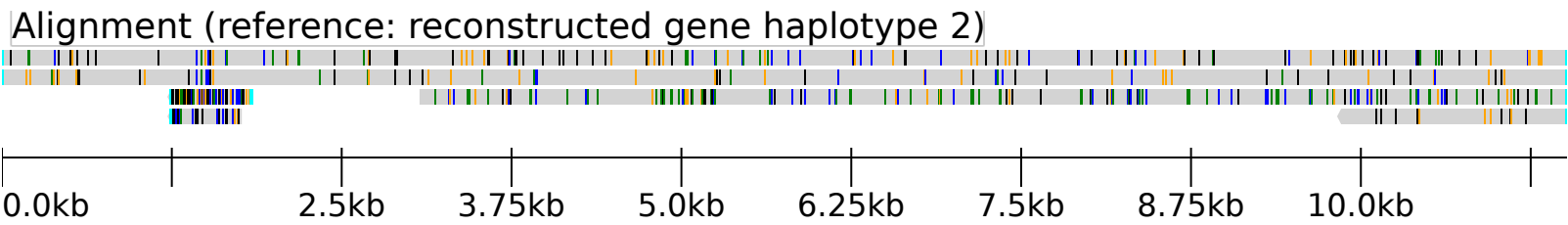
HLA-DPB1*04:01:01:10 (identity: 99.98%)

Sample: **NA19828**

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 |

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-DPB1*17:01:01:01 (identity: 99.94%)

HLA-DPB1*1233:01 (identity: 99.93%)

HLA-DPB1*1367:01 (identity: 99.93%)

HLA-DPB1*1394:01 (identity: 99.93%)

HLA-DPB1*1397:01 (identity: 99.93%)

HLA-DPB1*1555:01 (identity: 99.93%)

HLA-DPB1*1556:01 (identity: 99.93%)

HLA-DPB1*17:01:01:03 (identity: 99.93%)

HLA-DPB1*17:01:01:04 (identity: 99.93%)

HLA-DPB1*17:01:01:05 (identity: 99.93%)

Sample: **NA19828**

Locus: **HLA-DPB2**

Resolution: **4th field**

Full typing result:

HLA-DPB2*01:01:02

bam coverage

13
8
4

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   2.5kb   5.0kb   7.5kb   10.0kb   12.5kb   15.0kb
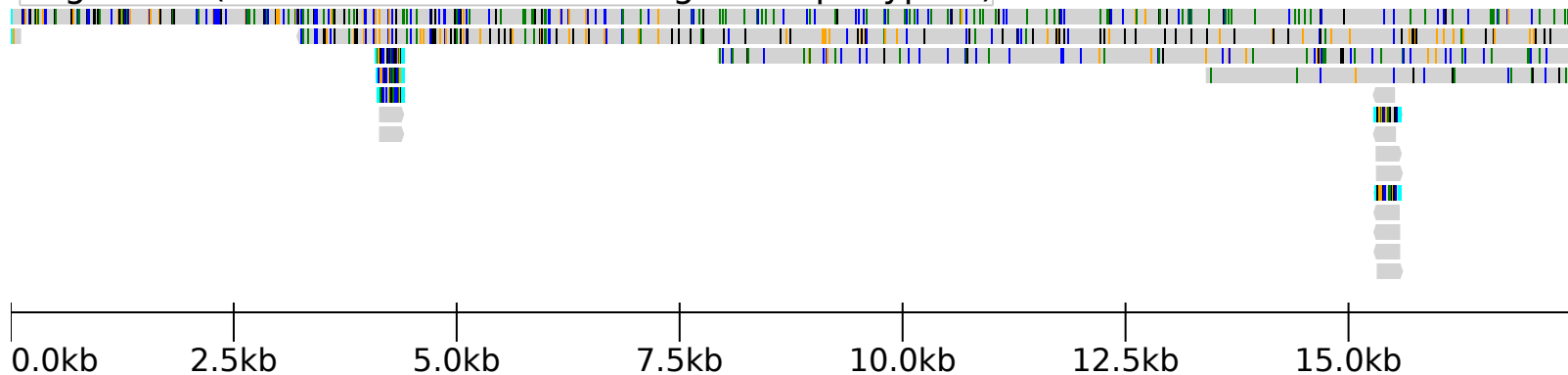
HLA-DPB2*01:01:02 (identity: 96.42%)

Sample: NA19828

Locus: HLA-DPB2

Resolution: 4th field
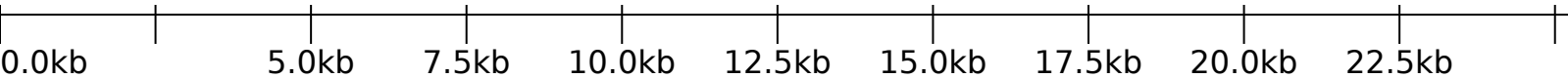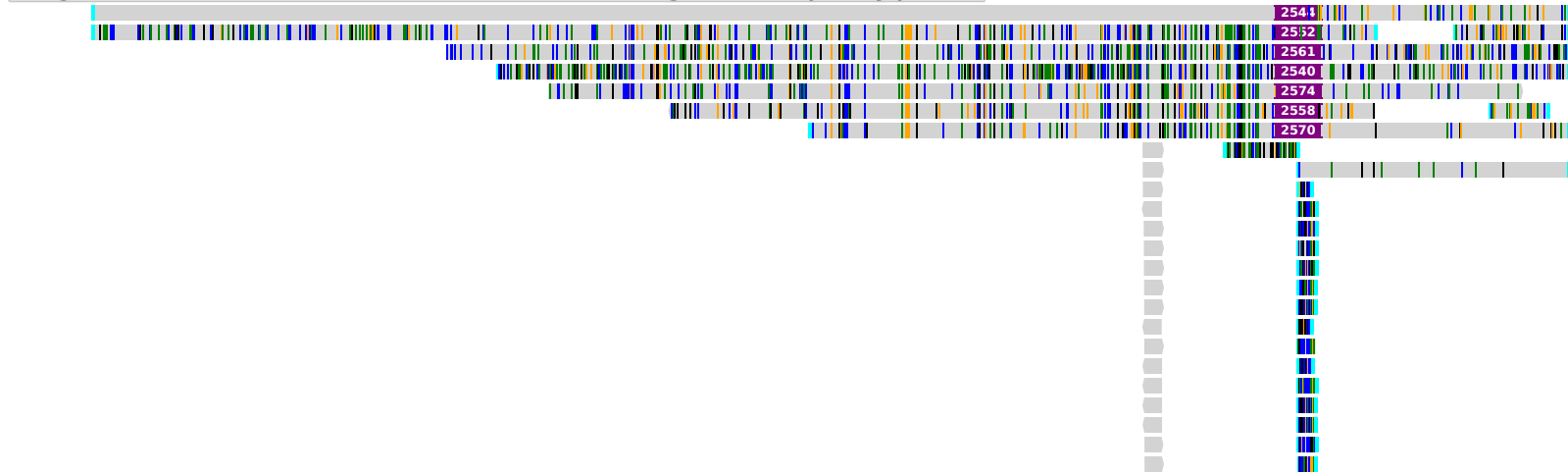
Full typing result:

HLA-DPB2*03:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

Sample: **NA19828**

Locus: **HLA-DQA1**

Resolution: **4th field**

Full typing result:

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

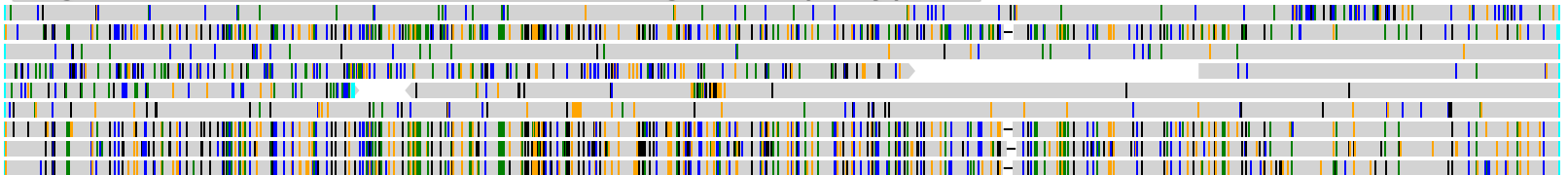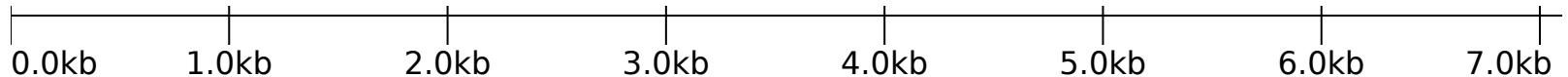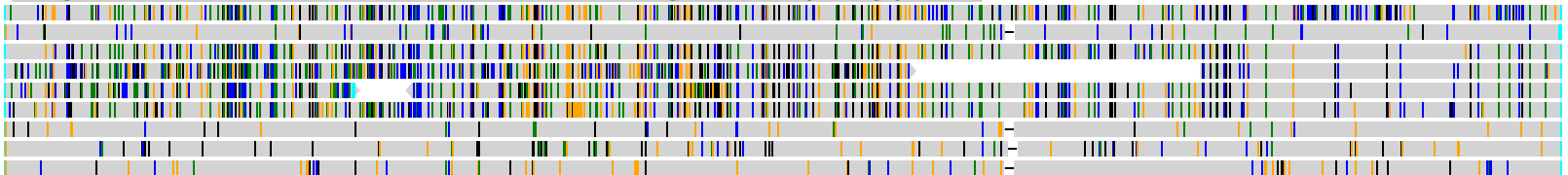| HLA-DQA1*01:03:01:02 | HLA-DQA1*01:03:01:12 | HLA-DQA1*01:03:01:17 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb   5.0kb   6.0kb
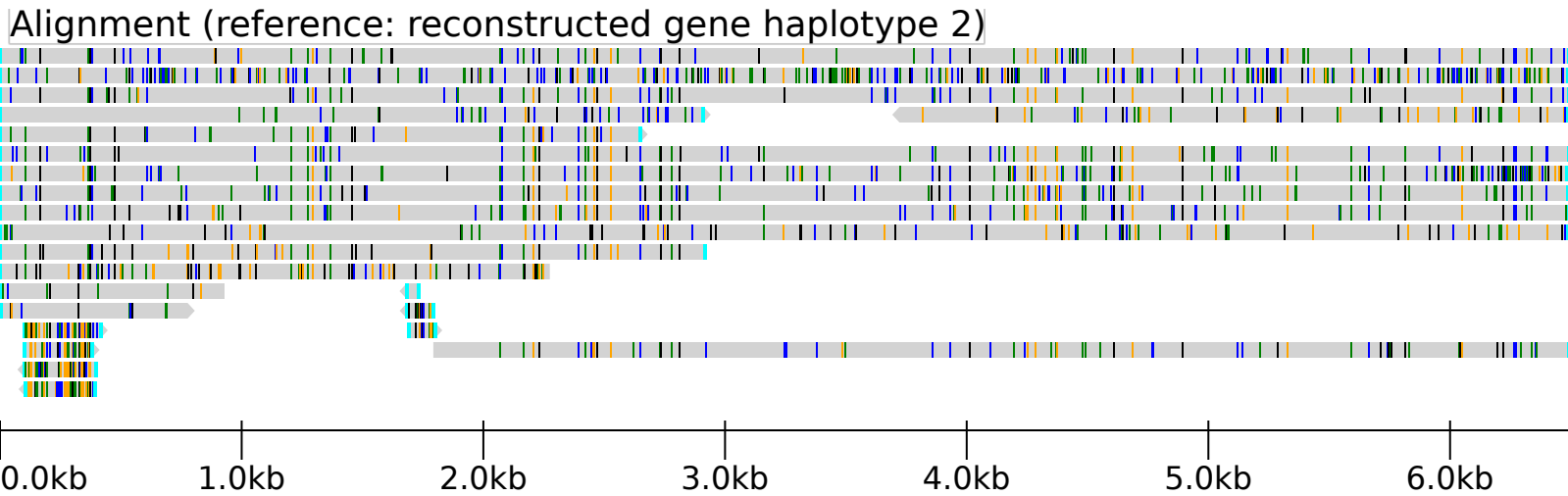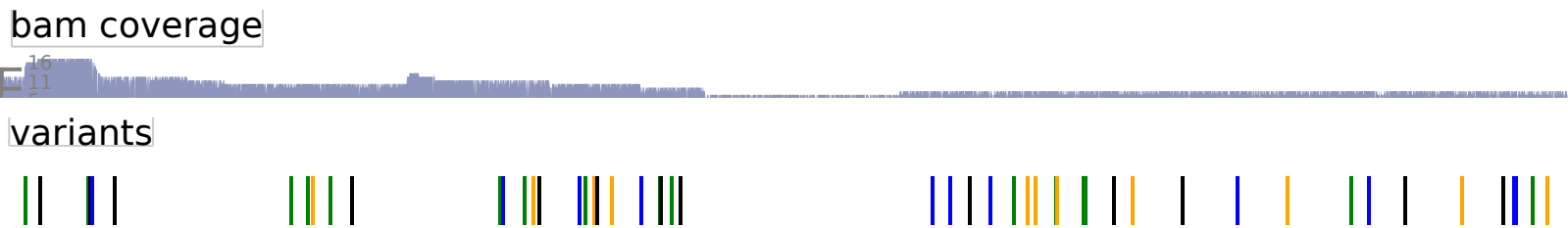
HLA-DQA1*01:01:01:01 (identity: 99.20%)

HLA-DQA1*01:01:01:05 (identity: 99.21%)

HLA-DQA1*01:01:02:01 (identity: 99.12%)

HLA-DQA1*01:03:01:02 (identity: 99.21%)

HLA-DQA1*01:03:01:12 (identity: 99.20%)

HLA-DQA1*01:03:01:17 (identity: 99.20%)

Sample: NA19828

Locus: HLA-DQA1

Resolution: 4th field

Full typing result:

HLA-DQA1*01:03:01:02   HLA-DQA1*01:03:01:12   HLA-DQA1*01:03:01:17

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*01:03:01:02 (identity: 99.97%)

HLA-DQA1*01:03:01:12 (identity: 99.95%)

HLA-DQA1*01:03:01:17 (identity: 99.95%)
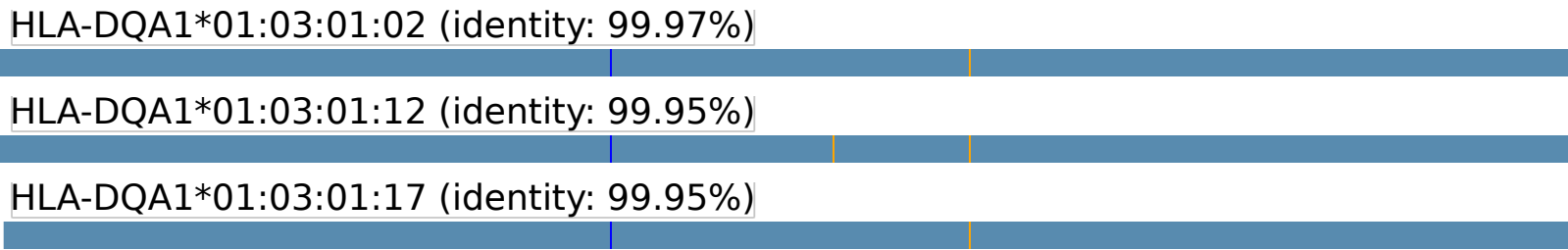
Sample: NA19828

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: 99.98%)

Sample: NA19828

Locus: HLA-DQB1

Resolution: 4th field

Full typing result:

HLA-DQB1*06:09:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb   5.0kb   6.0kb   7.0kb

HLA-DQB1*06:09:01:01 (identity: 99.99%)

Sample: **NA19828**

Locus: **HLA-DQB1**

Resolution: **4th field**

Full typing result:

HLA-DQB1*05:01:01:03

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb   5.0kb   6.0kb   7.0kb

HLA-DQB1*05:01:01:03 (identity: 98.56%)

Sample: NA19828

Locus: HLA-DQB2

Resolution: 4th field

Full typing result:

HLA-DQB2*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)
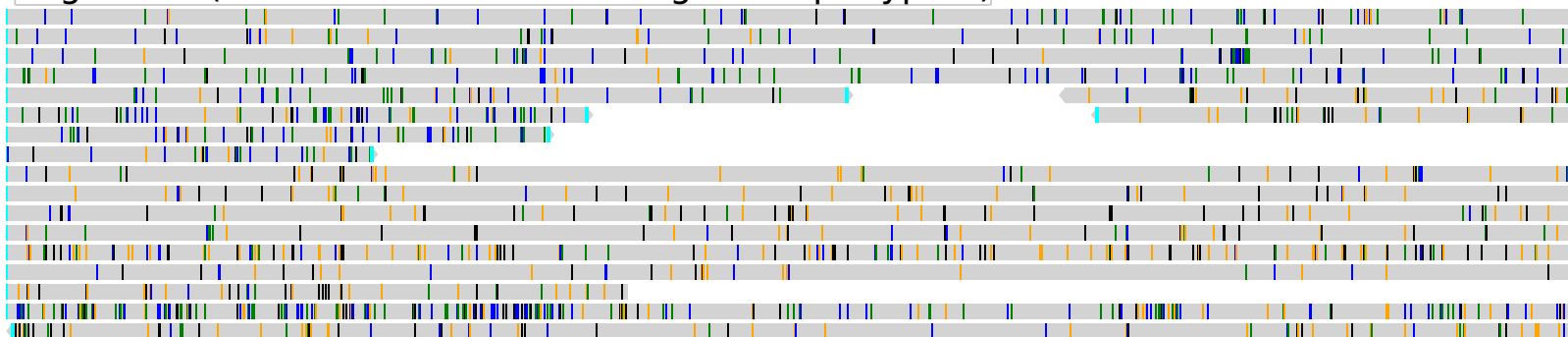
0.0kb 1.0kb 2.0kb 3.0kb 4.0kb 5.0kb 6.0kb 7.0kb

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

Sample: NA19828

Locus: HLA-DRA

Resolution: 4th field

Full typing result:

HLA-DRA*01:01:01:05
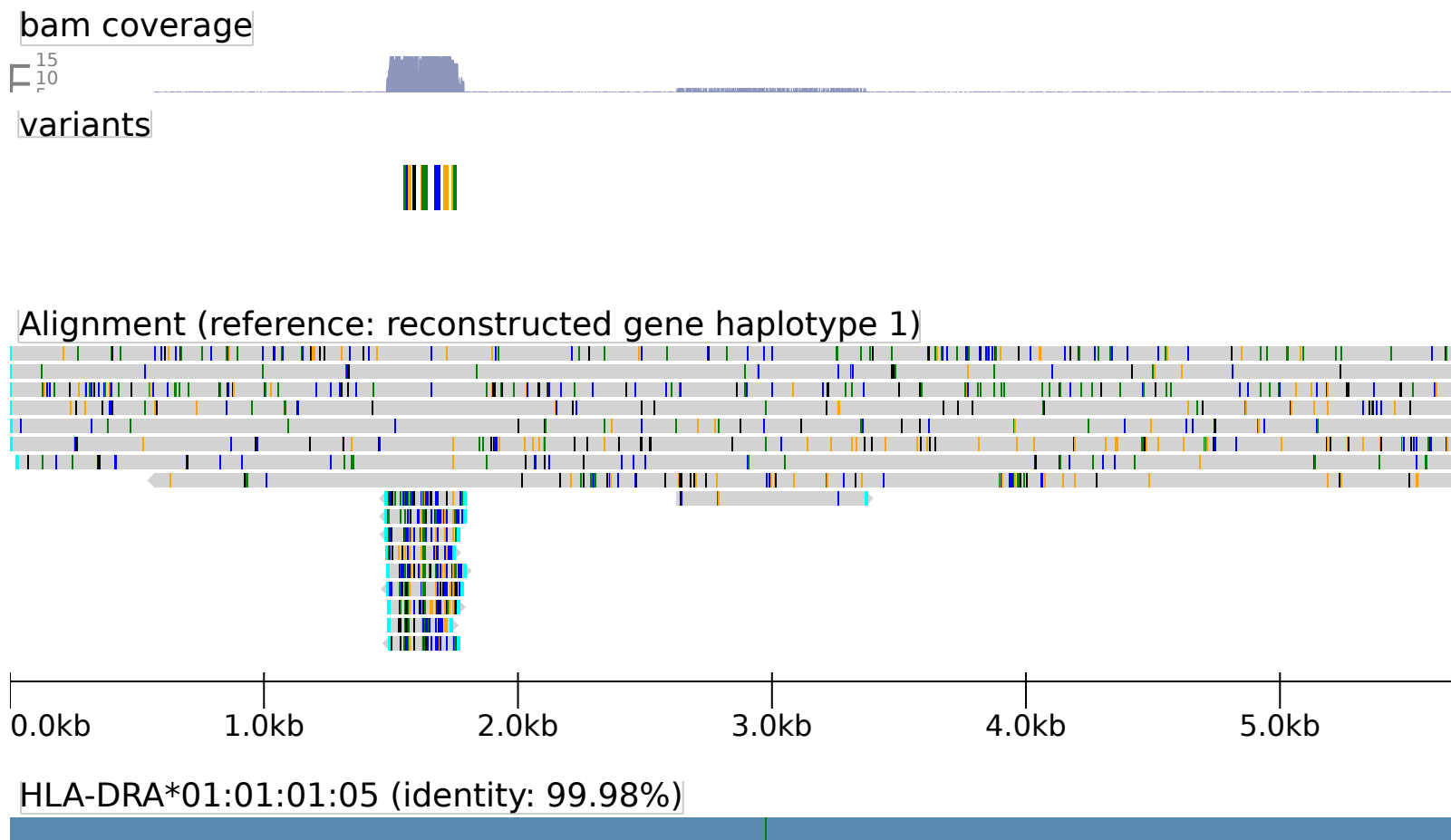
bam coverage

15
10
5

variants

Alignment (reference: reconstructed gene haplotype 1)

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

HLA-DRA*01:01:01:05 (identity: 99.98%)

Sample: NA19828

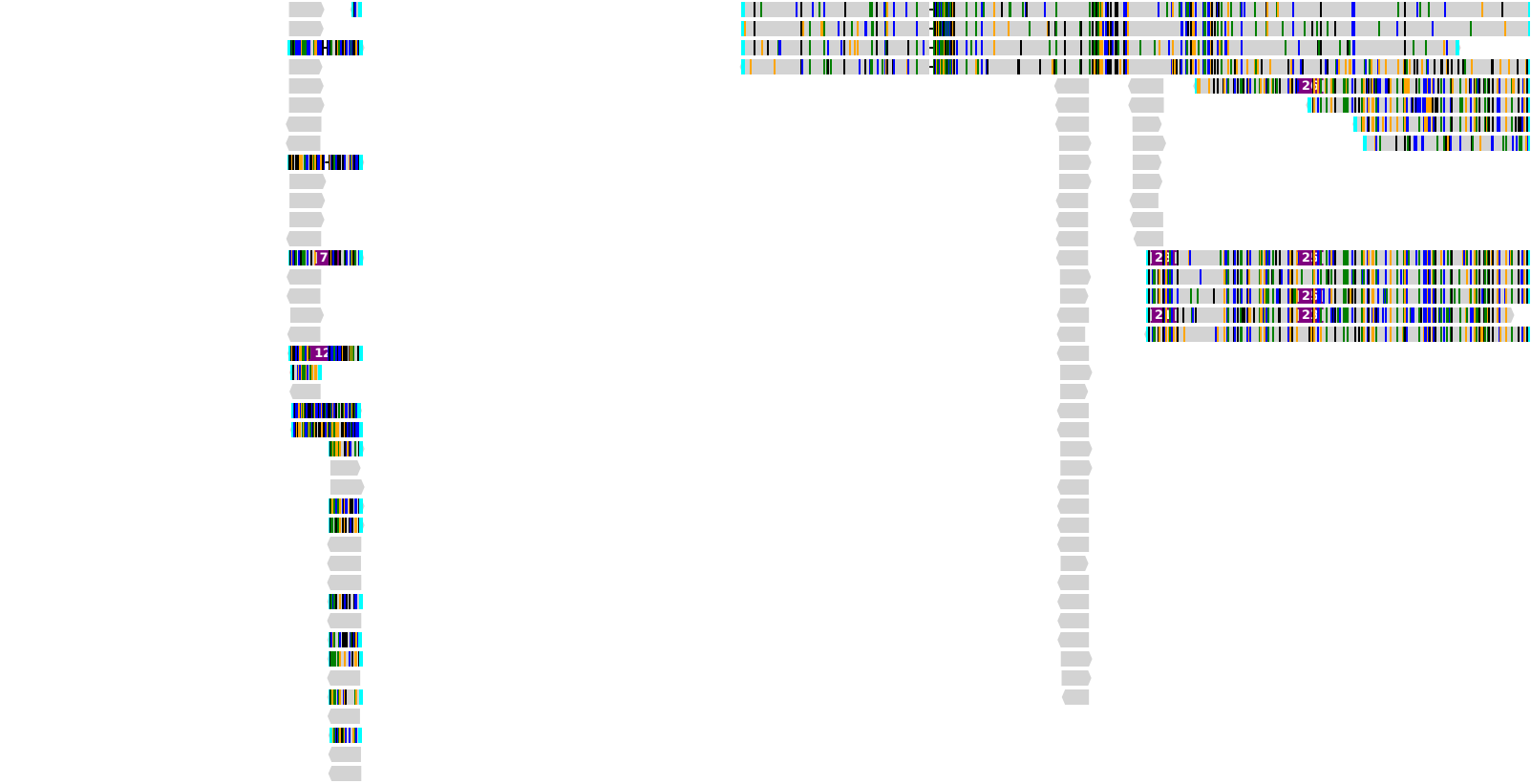## Locus: HLA-DRA

Resolution: 4th field

Full typing result:

HLA-DRA*01:02:03:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb   5.0kb
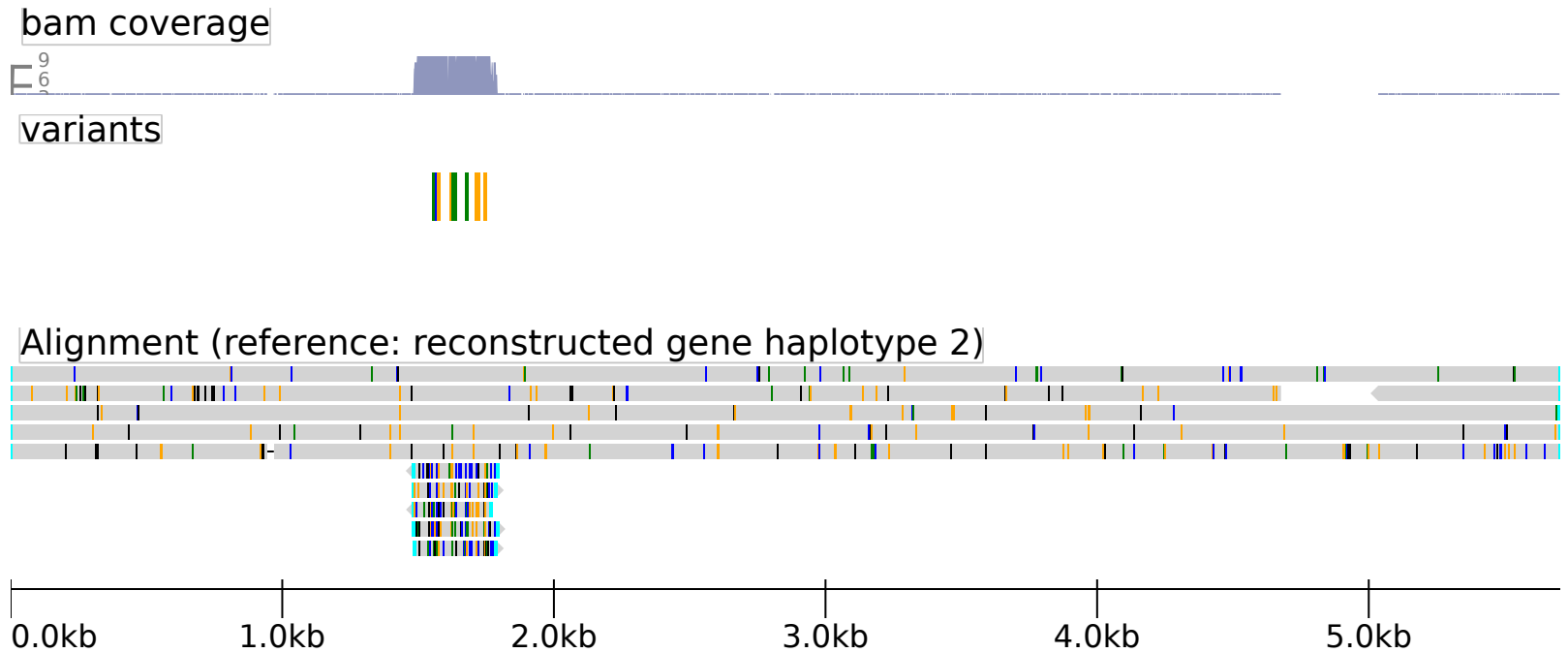
HLA-DRA*01:02:03:01 (identity: 99.98%)

Sample: NA19828

Locus: HLA-DRB1

Resolution: 4th field

Full typing result:

HLA-DRB1*13:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

| 0.0kb | 2.5kb | 3.75kb | 5.0kb | 6.25kb | 7.5kb | 8.75kb | 11.25kb | 13.75kb |
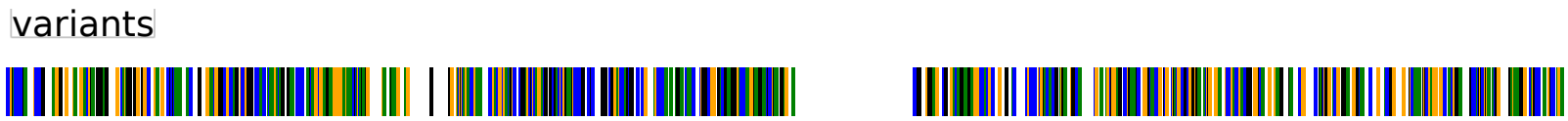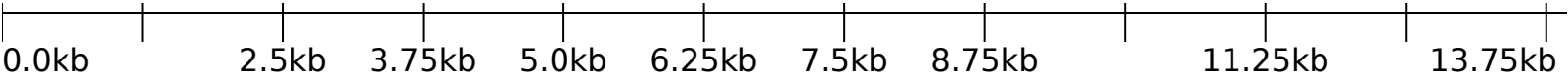
HLA-DRB1*13:01:01:01 (identity: 99.99%)

Sample: NA19828

Locus: HLA-DRB3

Resolution: 4th field

Full typing result:

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

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   2.5kb   3.75kb   5.0kb   6.25kb   7.5kb   8.75kb   11.25kb
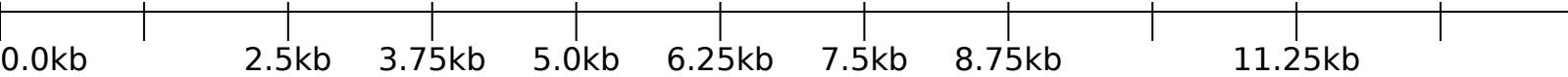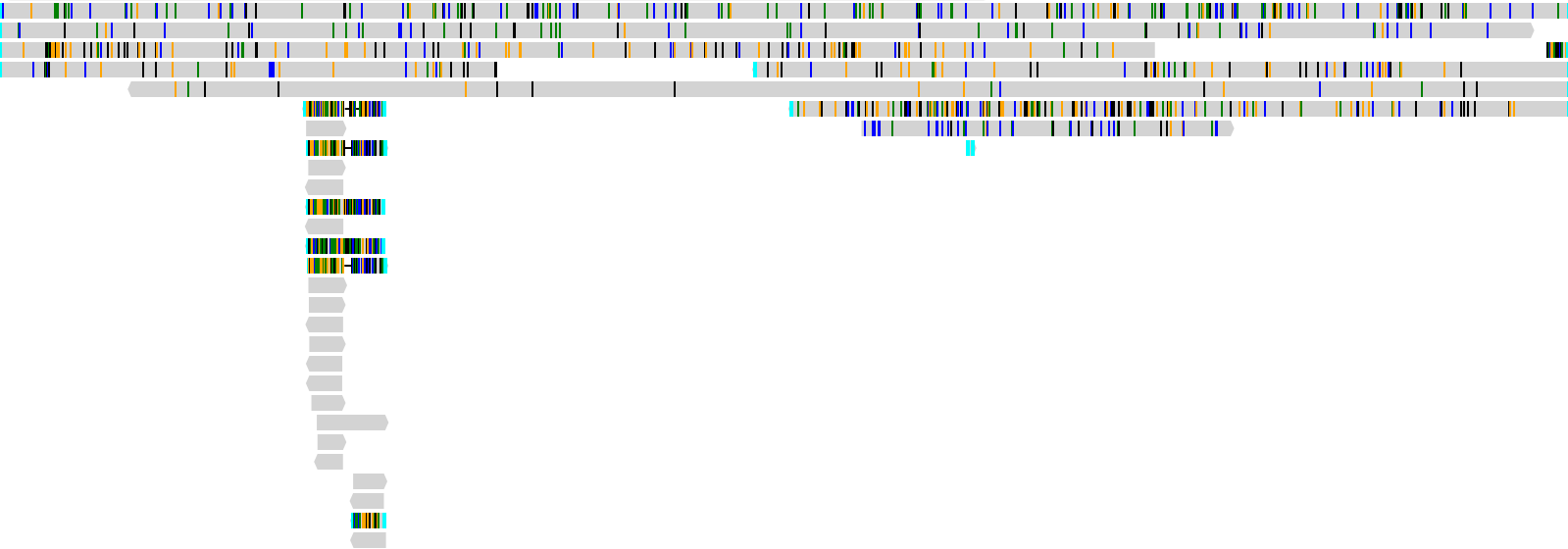
HLA-DRB3*02:02:01:02 (identity: 99.94%)

HLA-DRB3*02:02:01:01 (identity: 99.92%)

Sample: NA19828

Locus: HLA-DRB4

Resolution: 4th field

Full typing result:

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

HLA-DRB4*01:01:01:04

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   2.5kb   3.75kb   5.0kb   6.25kb   7.5kb   8.75kb   11.25kb   13.75kb

HLA-DRB4*02:01N (identity: 74.09%)

HLA-DRB4*03:01N (identity: 78.91%)

HLA-DRB4*01:01:01:03 (identity: 72.36%)

HLA-DRB4*01:01:01:04 (identity: 72.15%)
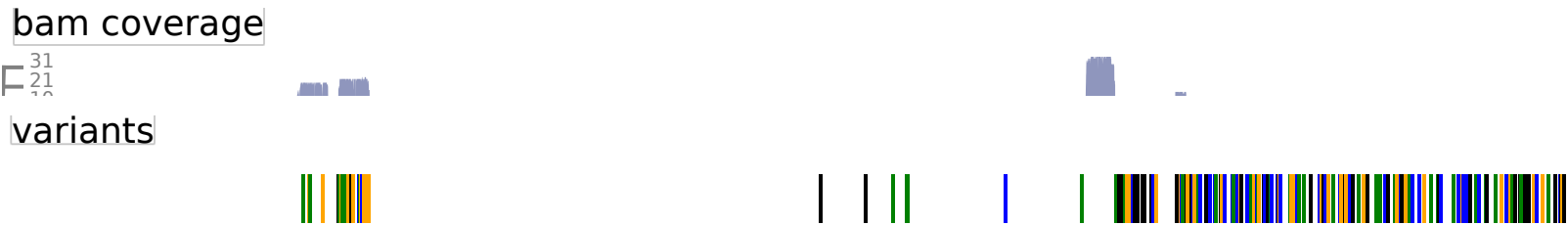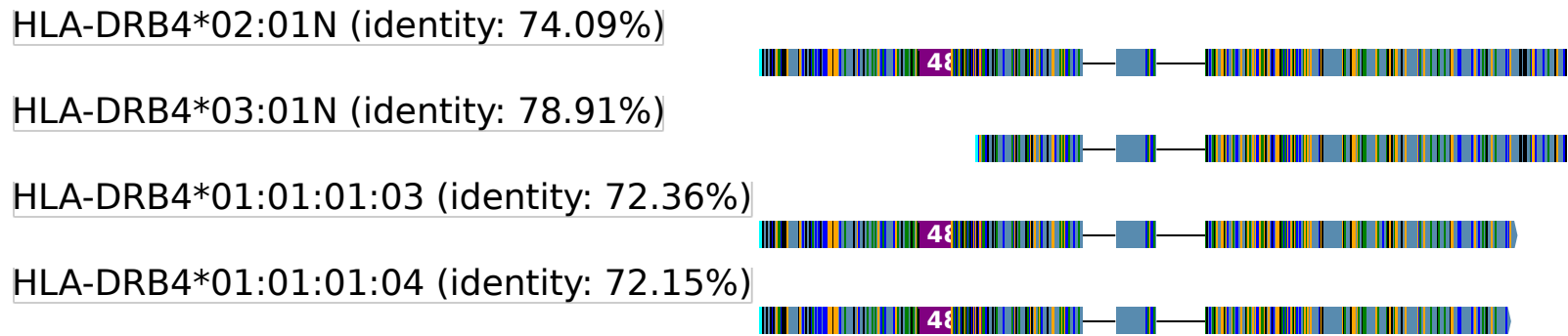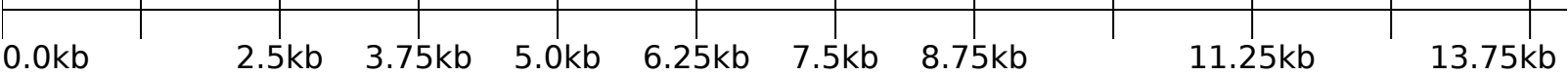
Sample: **NA19828**

Locus: **HLA-DRB5**

Resolution: **4th field**

Full typing result:

HLA-DRB5*01:03

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
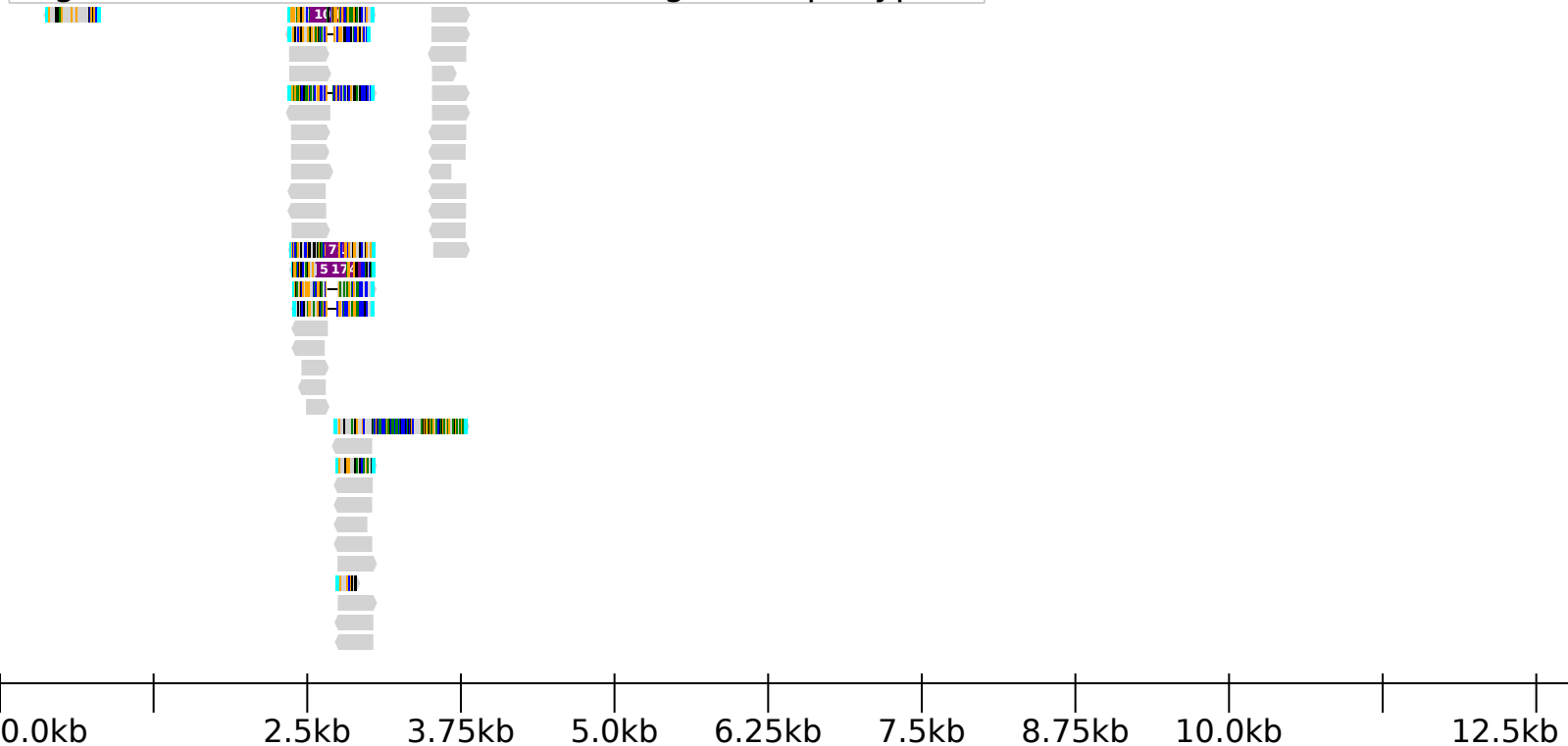
HLA-DRB5*01:03 (identity: 72.01%)
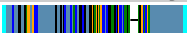
Sample: NA19828

Locus: HLA-E

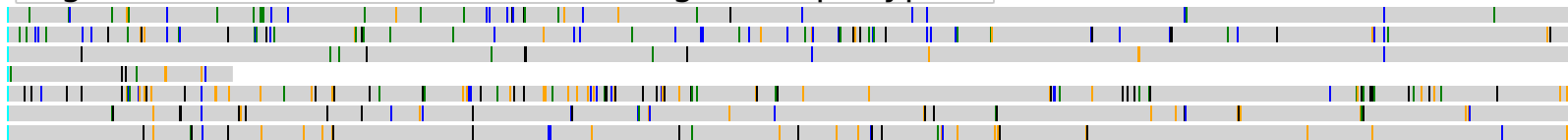*Resolution:* 4th field

Full typing result:

HLA-E*01:01:01:52

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

417
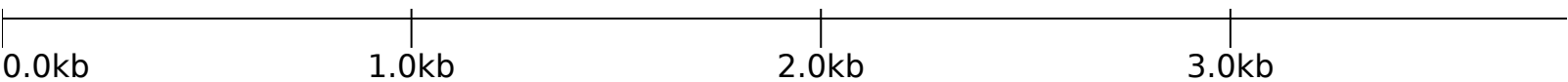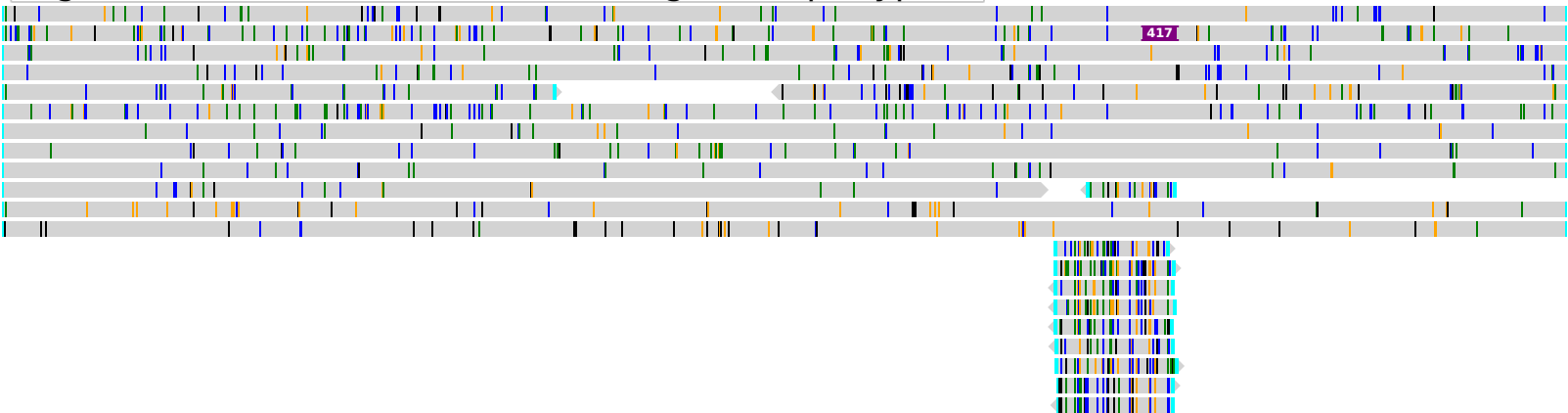
0.0kb   1.0kb   2.0kb   3.0kb

HLA-E*01:01:01:52 (identity: 100.00%)

Sample: NA19828

Locus: HLA-F

Resolution: 4th field

Full typing result:

HLA-F*01:03:01:03

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)
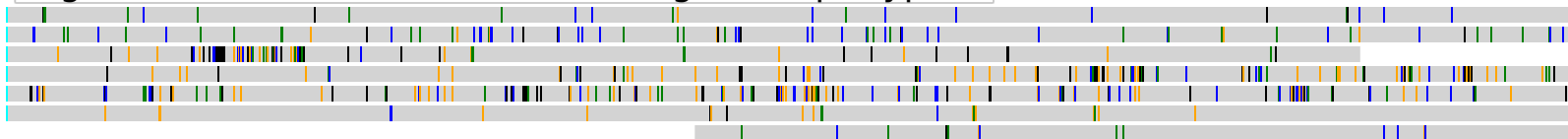
0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: NA19828

Locus: HLA-F

Resolution: 4th field

Full typing result:

HLA-F*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: NA19828

Locus: HLA-G

Resolution: 4th field

Full typing result:

HLA-G*01:04:04:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0   250   500   750   1,000   1,500   2,000   2,500   3,000
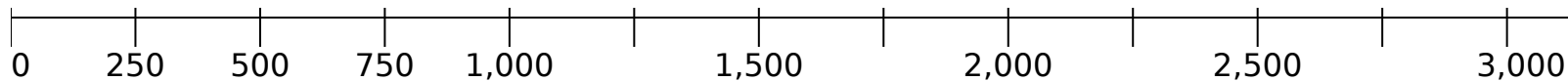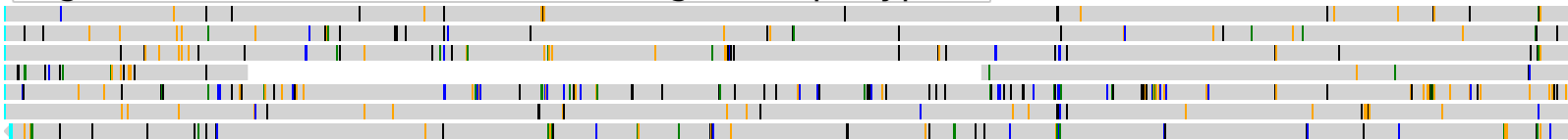
HLA-G*01:04:04:01 (identity: 99.97%)

Sample: NA19828

Locus: HLA-G

Resolution: 4th field

Full typing result:

HLA-G*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)
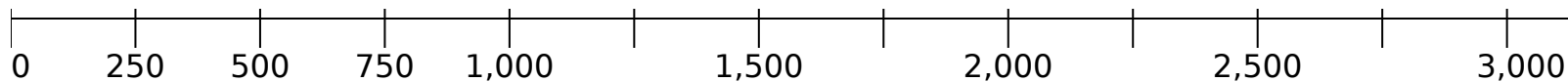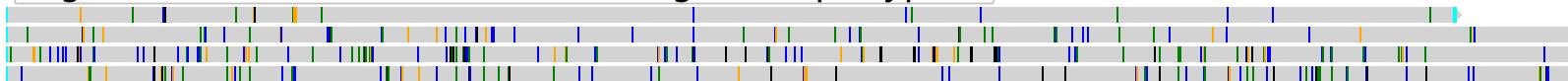
HLA-G*01:01:01:01 (identity: 99.94%)

Sample: NA19828

Locus: HLA-H

Resolution: 4th field

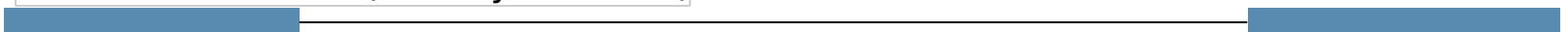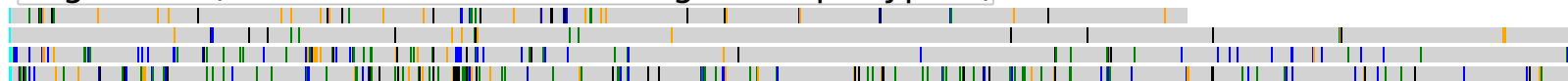### Full typing result:

HLA-H*02:10:01:02

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
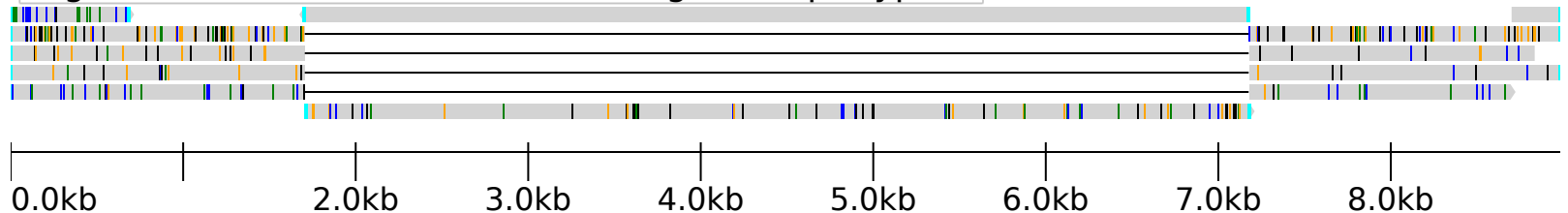
HLA-H*02:10:01:02 (identity: -55.82%)

Sample: **NA19828**

Locus: **HLA-H**

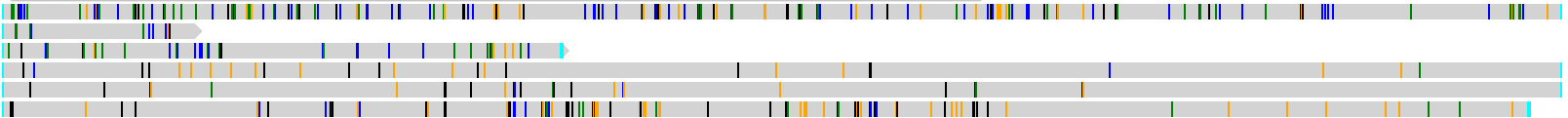*Resolution:* **4th field**

Full typing result:

HLA-H*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb

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

Locus: **HLA-J**

Resolution: **4th field**

Full typing result:

HLA-J*01:01:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: NA19828

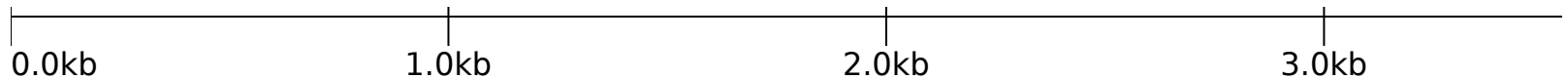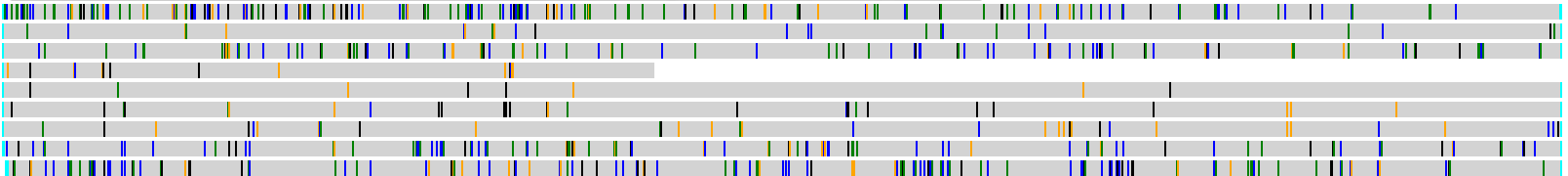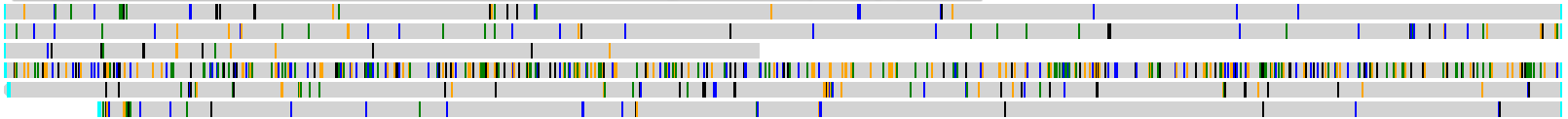**Locus:** HLA-J

Resolution: 4th field

Full typing result:

HLA-J*01:01:01:05

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: NA19828

Locus: HLA-K

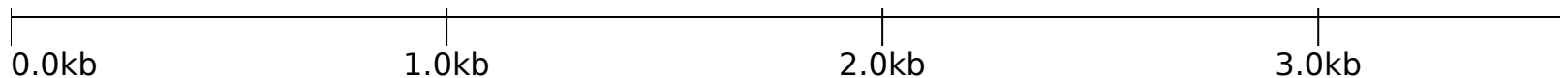**Resolution:** 4th field
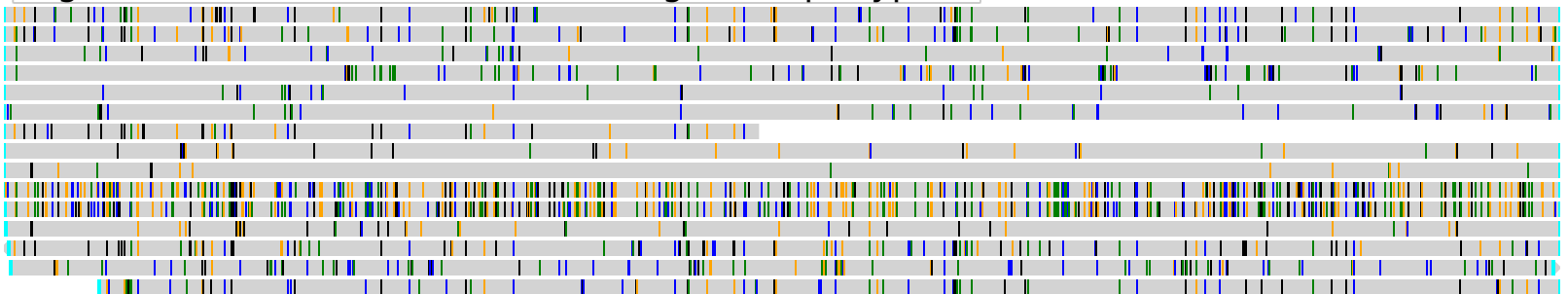
Full typing result:

HLA-K*01:01:01:02

bam coverage

6
4
2

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: **NA19828**

Locus: **HLA-K**

Resolution: **4th field**

Full typing result:

HLA-K*01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

| 0.0kb | 1.0kb | 2.0kb | 3.0kb |

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

Sample: NA19828

Locus: HLA-L

Resolution: 4th field

Full typing result:

HLA-L*01:01:01:01
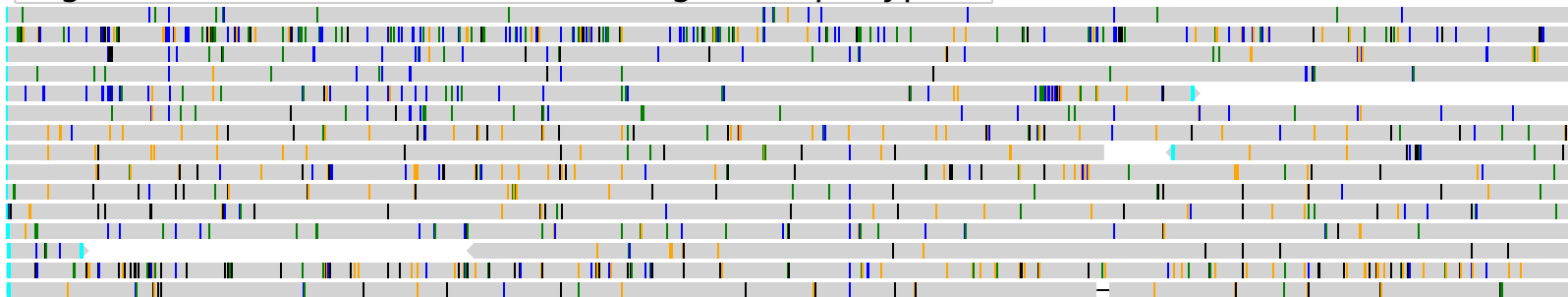
bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb 1.0kb 2.0kb 3.0kb

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

Sample: **NA19828**

Locus: **HLA-N**
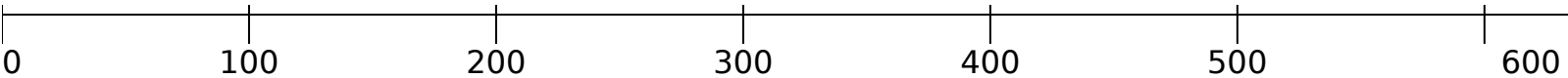
Resolution: **4th field**

Full typing result:

HLA-N*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0   100   200   300   400   500   600

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

Sample: NA19828

Locus: HLA-P

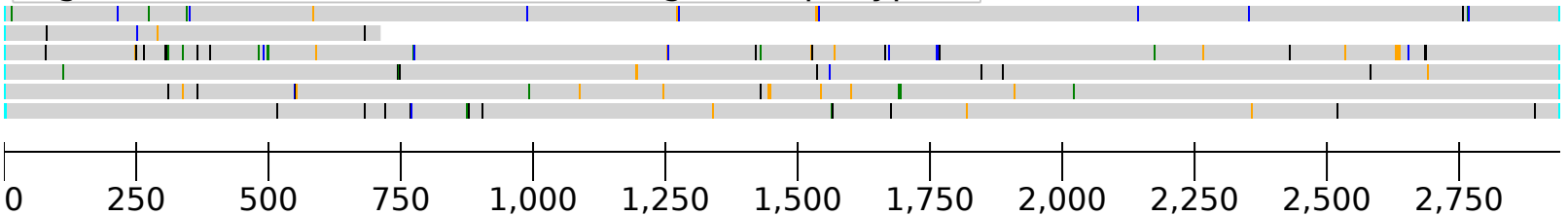## Resolution: 4th field
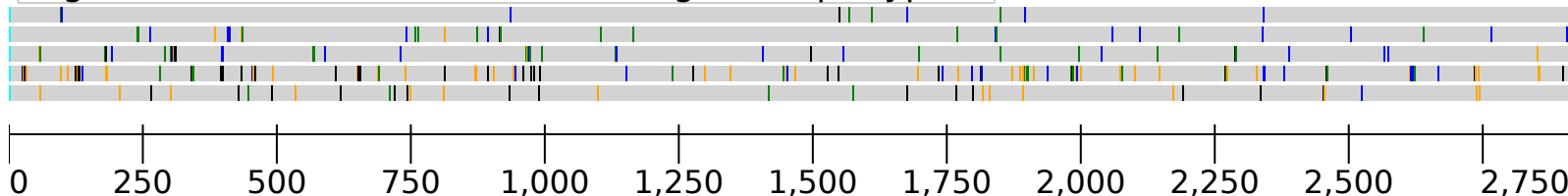
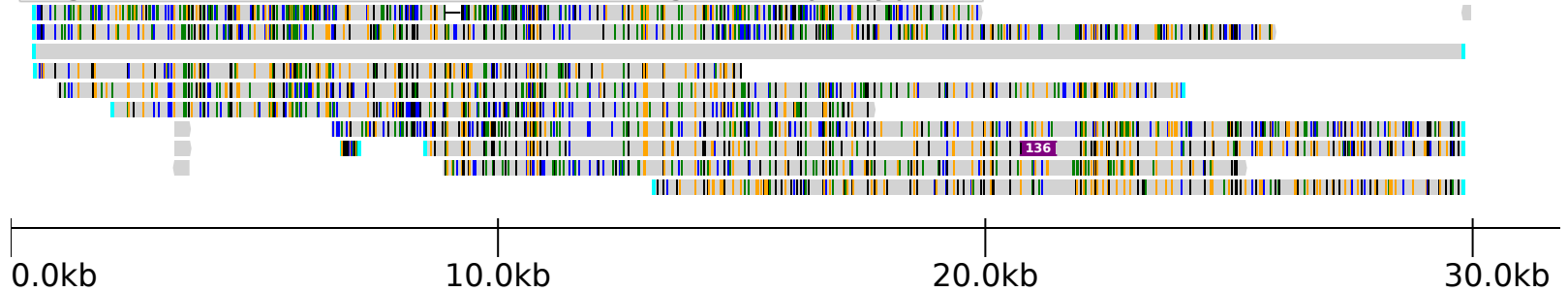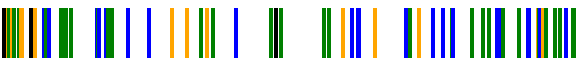## Full typing result:

HLA-P*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

Sample: **NA19828**

Locus: **HLA-P**

Resolution: **4th field**

Full typing result:

HLA-P*02:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

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

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

Sample: NA19828

Locus: **HLA-T**

Resolution: 4th field

Full typing result:

HLA-T*01:01:01:05

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   10.0kb   20.0kb   30.0kb

HLA-T*01:01:01:05 (identity: 97.99%)

Sample: NA19828

Locus: HLA-T

Resolution: 4th field

Full typing result:
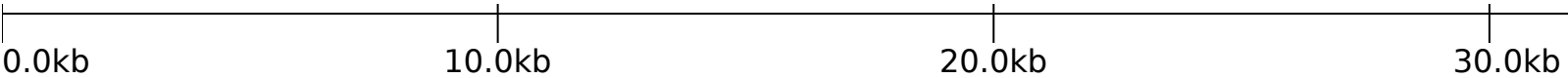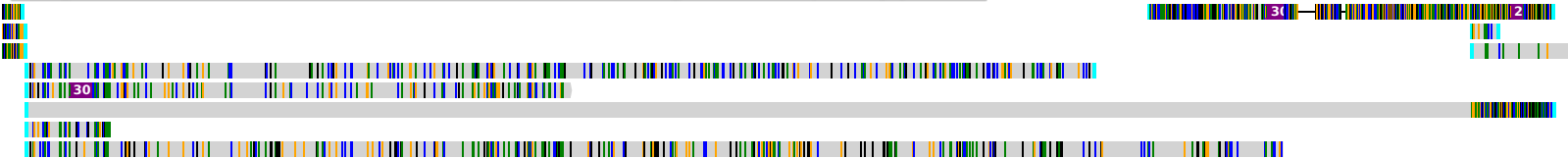
HLA-T*03:01:01:01   HLA-T*03:01:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

| 0.0kb | 10.0kb | 20.0kb | 30.0kb |

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

HLA-T*03:01:01:02 (identity: 99.95%)

Sample: NA19828
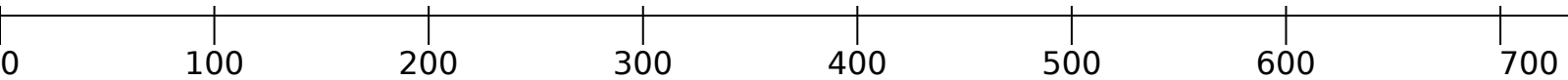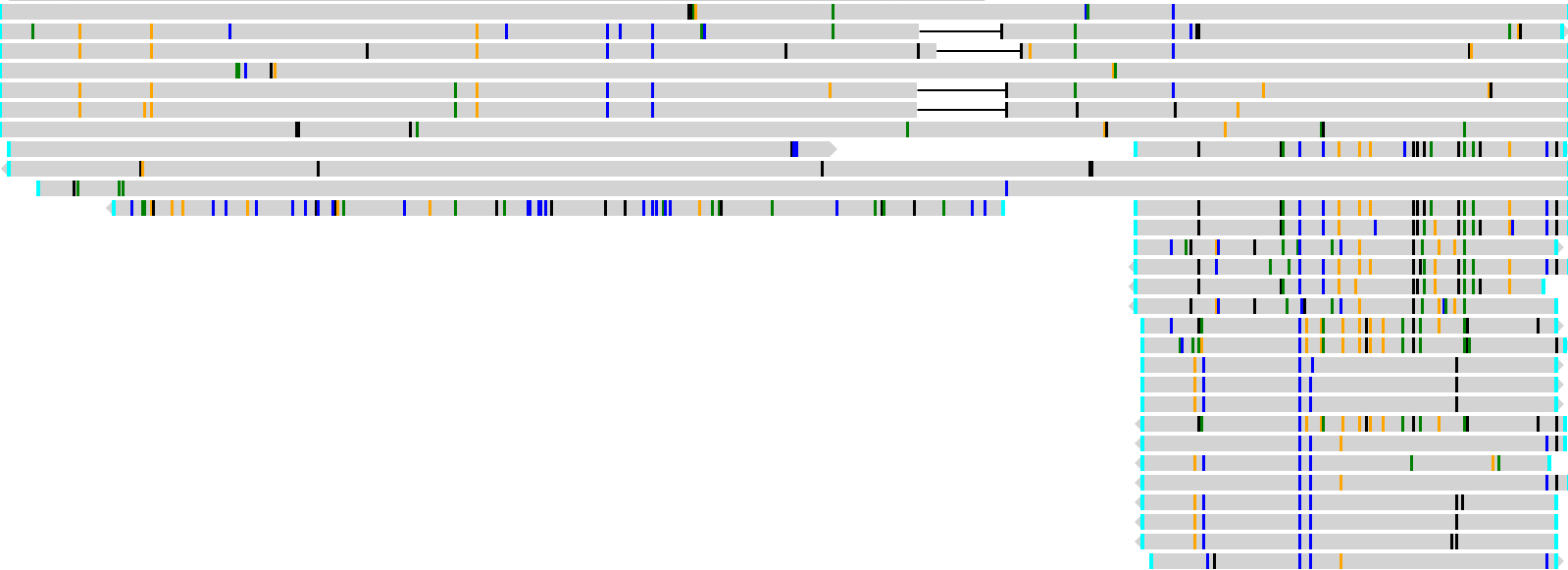
Locus: HLA-U

Resolution: 4th field

Full typing result:

HLA-U*01:03

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

Sample: NA19828

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)

0.0kb   10.0kb   20.0kb   30.0kb   40.0kb   50.0kb

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

HLA-W*01:01:01:06 (identity: 99.96%)

Sample: NA19828

Locus: HLA-W

Resolution: 4th field
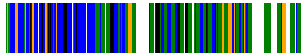
Full typing result:
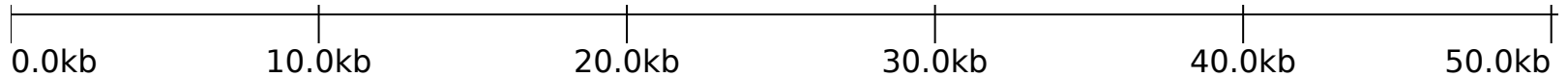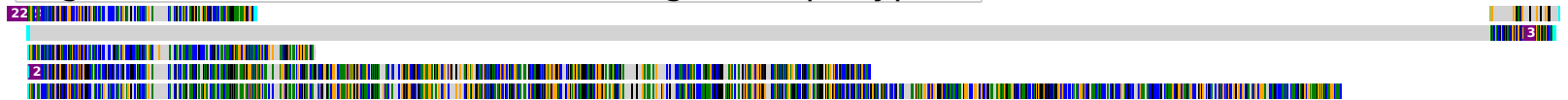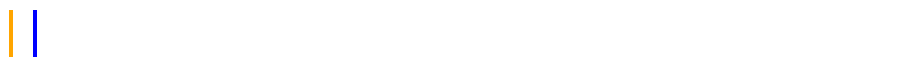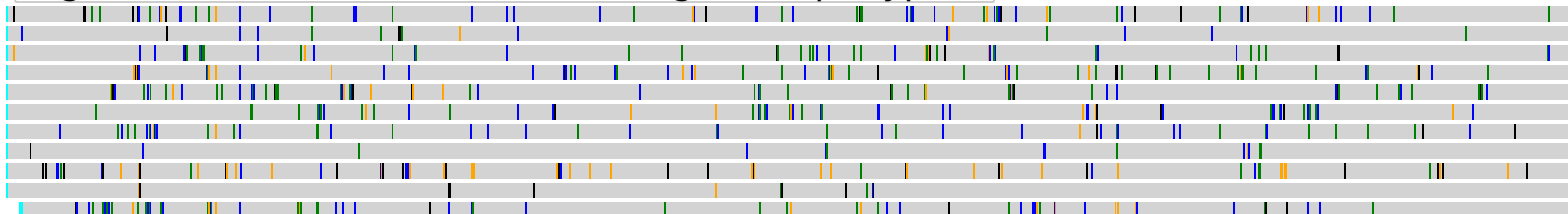
| HLA-W*03:01:01:01 | HLA-W*03:01:01:02 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

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

Sample: NA19828

Locus: MICA
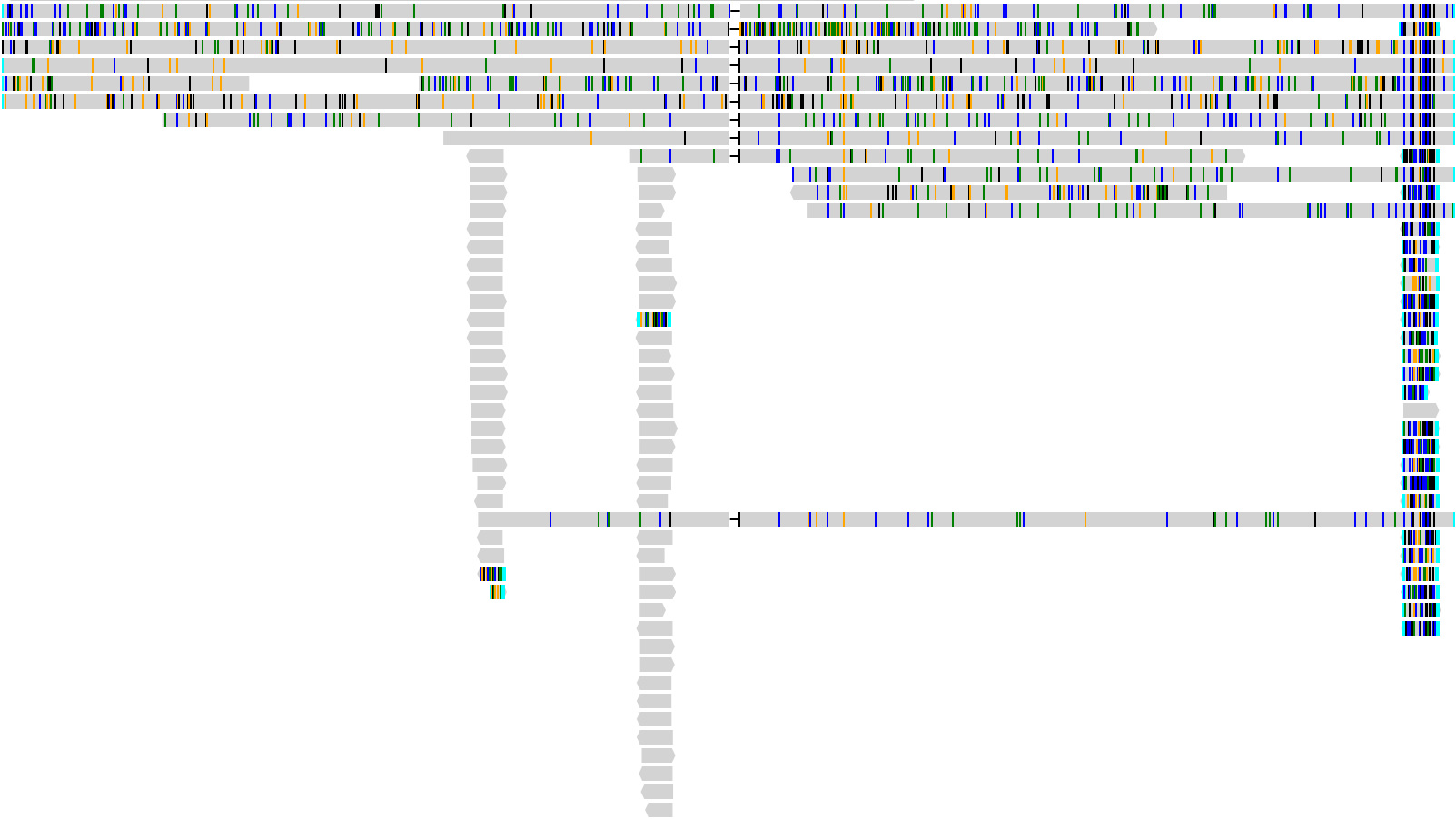
Resolution: 4th field

Full typing result:

MICA*001:01

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

MICA*001:01 (identity: 98.86%)

Sample: NA19828

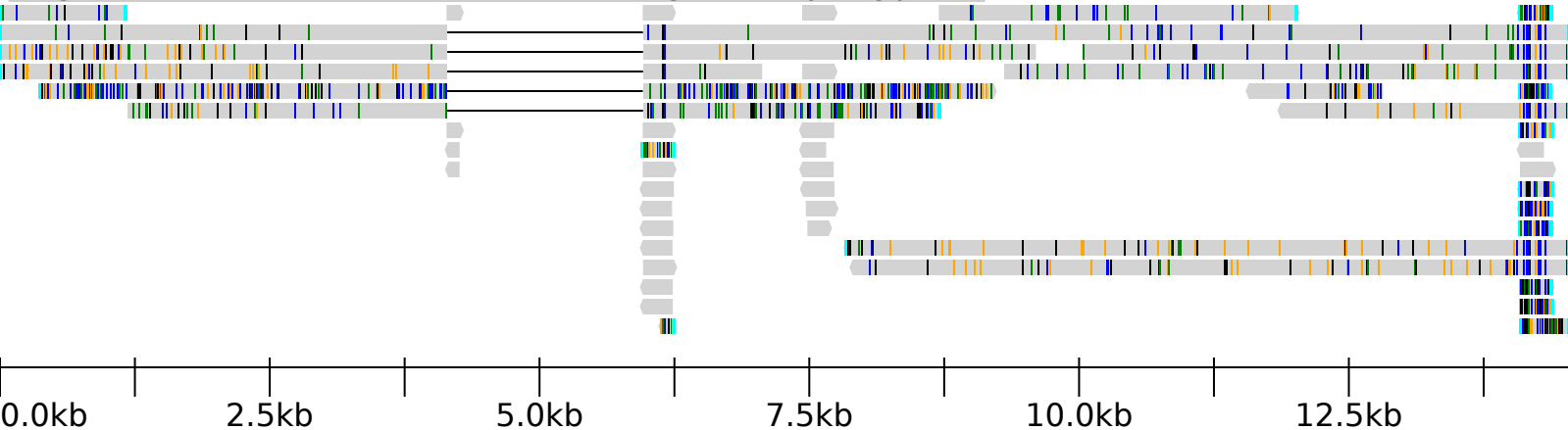*Locus:* MICA

Resolution: 4th field

Full typing result:

| MICA*008:04:01 | | MICA*285 | | MICA*008:01:02 |

| MICA*008:01:01 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

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

MICA*008:04:01 (identity: 85.63%)

MICA*285 (identity: 85.35%)

MICA*008:01:02 (identity: 85.61%)

MICA*008:01:01 (identity: 85.60%)

Sample: NA19828

Locus: MICB

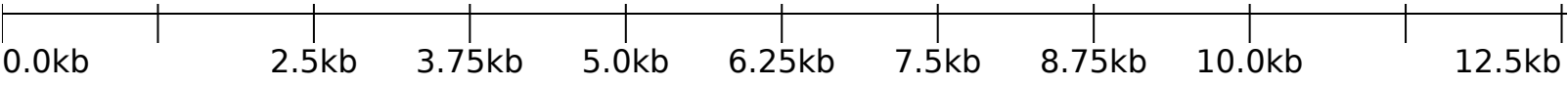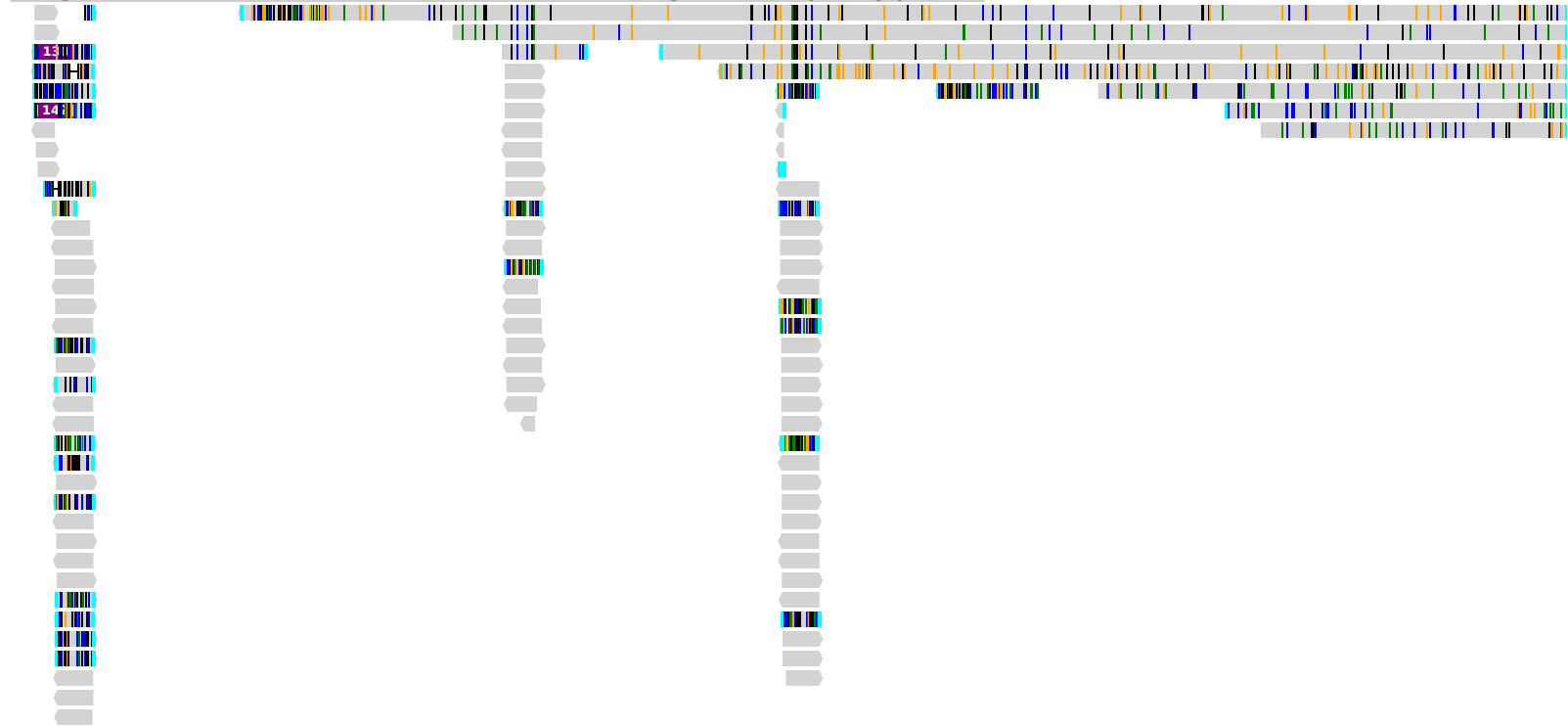**Resolution:** 4th field

Full typing result:

MICB*002:01:01

bam coverage

56
37
19

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: 99.82%)

Sample: NA19828

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

MICB*005:02:02 (identity: 96.40%)

Sample: NA19828

Locus: TAP1

Resolution: 4th field

Full typing result:
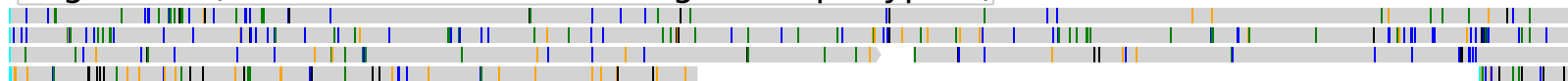
TAP1*01:01:01:03

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

Sample: NA19828

Locus: TAP1

Resolution: 4th field

Full typing result:

TAP1*01:01:01:02

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*01:01:01:02 (identity: 97.99%)

Sample: NA19828

Locus: TAP2

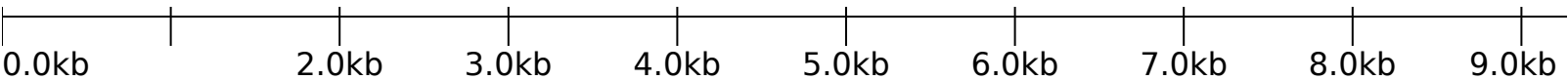**Resolution: 4th field**

Full typing result:

TAP2*02:01:02:01

bam coverage

11
7

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   2.5kb   3.75kb   5.0kb   6.25kb   7.5kb   8.75kb   10.0kb
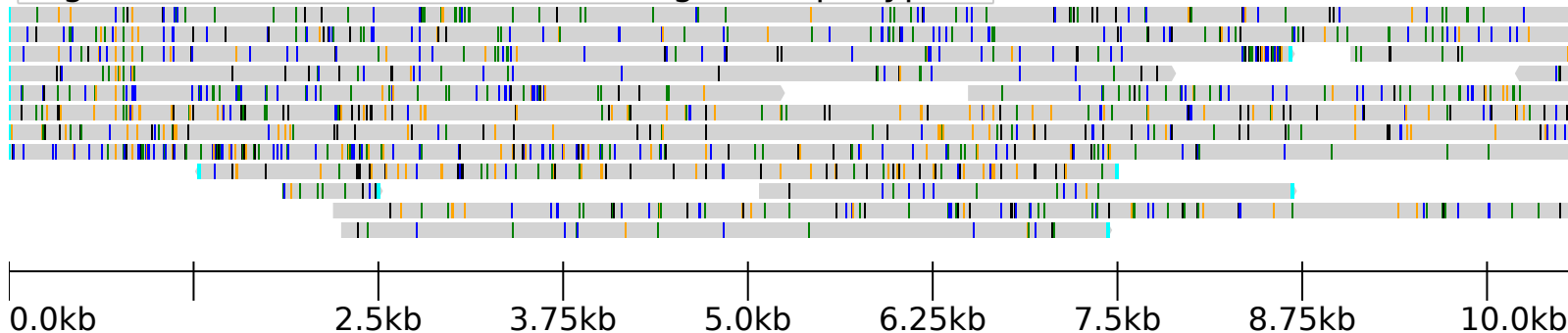
TAP2*02:01:02:01 (identity: 99.89%)