Sample: HG00418

Locus: HFE

Resolution: 4th field

Full typing result:

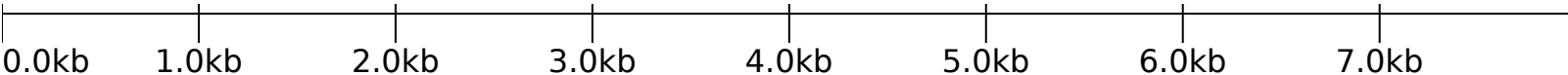HFE*001:01:03   HFE*001:01:02

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

HFE*001:01:03 (identity: 93.81%)

HFE*001:01:02 (identity: 93.77%)

Sample: HG00418

Locus: HFE

Resolution: 4th field

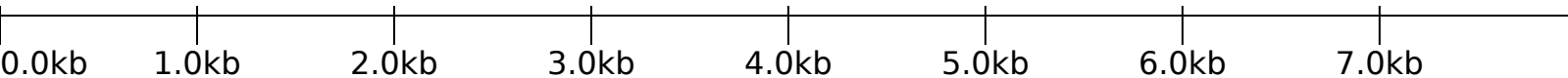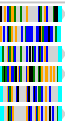*Full typing result:*

HFE*001:01:01   HFE*001:01:03

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

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

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

Sample: **HG00418**

Locus: **HLA-A**

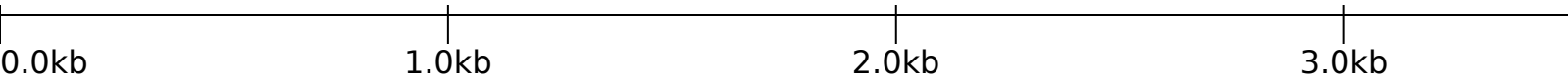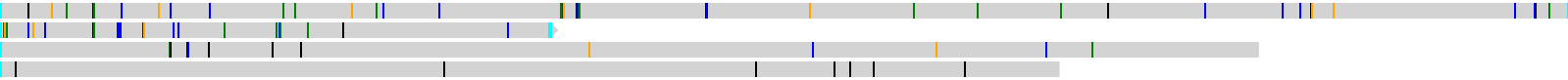*Resolution:* **4th field**

Full typing result:

| HLA-A*24:02:01:04 | HLA-A*24:02:01:01 | HLA-A*24:02:152 |

| HLA-A*24:124:02 | HLA-A*24:314 | HLA-A*24:361 |

| HLA-A*24:363 | HLA-A*24:368 | HLA-A*24:606 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb

HLA-A*24:02:01:04 (identity: 100.00%)

HLA-A*24:02:01:01 (identity: 99.97%)

HLA-A*24:02:152 (identity: 99.97%)

HLA-A*24:124:02 (identity: 99.97%)

HLA-A*24:314 (identity: 99.97%)

HLA-A*24:361 (identity: 99.97%)

HLA-A*24:363 (identity: 99.97%)

HLA-A*24:368 (identity: 99.97%)

HLA-A*24:606 (identity: 99.97%)

Sample: HG00418

Locus: HLA-A

Resolution: 4th field

Full typing result:
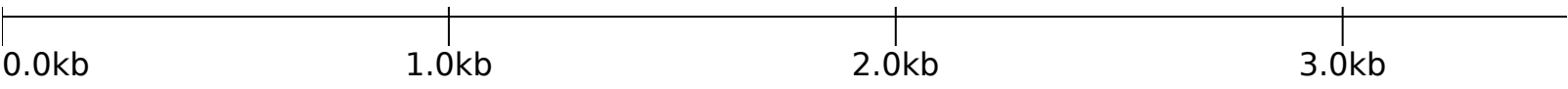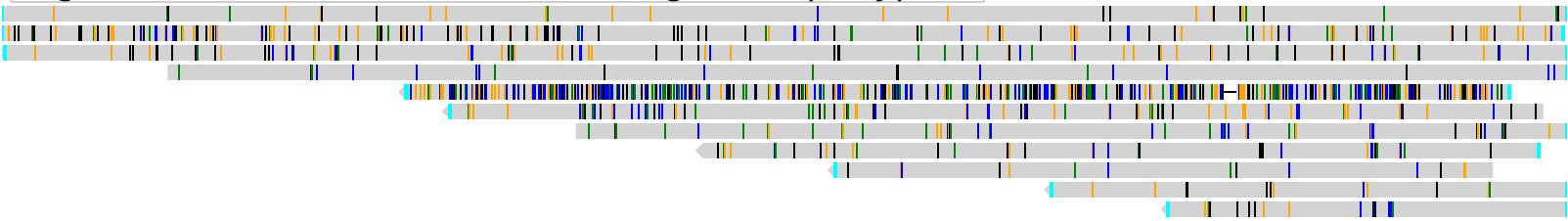
HLA-A*24:02:01:79   HLA-A*24:02:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb

HLA-A*24:02:01:79 (identity: 99.97%)
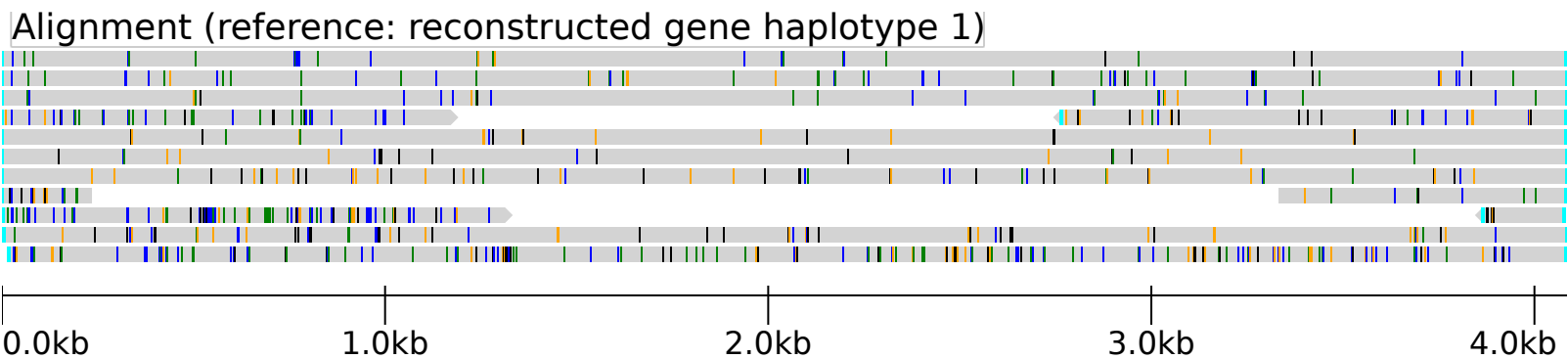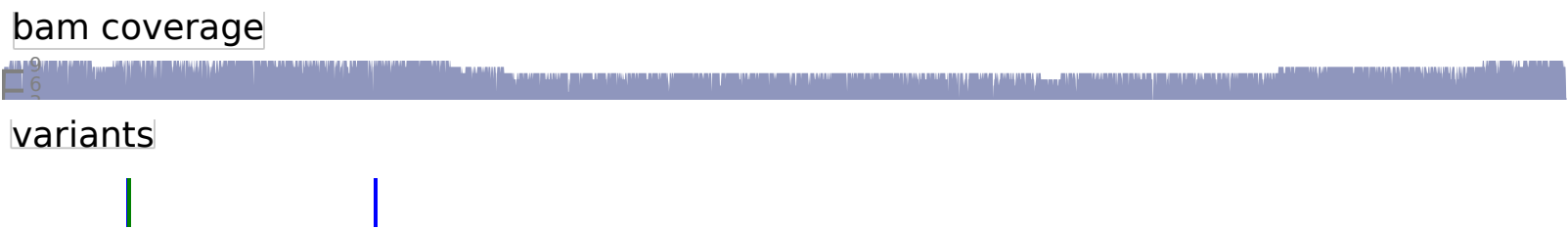
HLA-A*24:02:01:01 (identity: 99.94%)

Sample: HG00418

Locus: **HLA-B**

Resolution: **4th field**

Full typing result:

HLA-B*51:01:01:01	HLA-B*51:329Q	HLA-B*51:01:01:03

HLA-B*51:01:01:104	HLA-B*51:01:01:114	HLA-B*51:01:01:70

HLA-B*51:136	HLA-B*51:03

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb 1.0kb 2.0kb 3.0kb 4.0kb

HLA-B*51:01:01:01 (identity: 100.00%)

HLA-B*51:329Q (identity: 99.56%)

HLA-B*51:01:01:03 (identity: 99.98%)

HLA-B*51:01:01:104 (identity: 99.98%)

HLA-B*51:01:01:114 (identity: 99.98%)

HLA-B*51:01:01:70 (identity: 99.98%)

HLA-B*51:136 (identity: 99.98%)

HLA-B*51:03 (identity: 99.98%)

Sample: **HG00418**

Locus: **HLA-B**

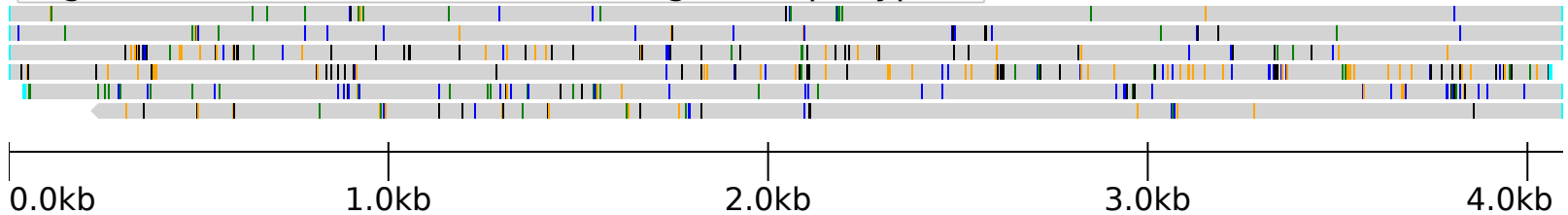*Resolution:* **4th field**

Full typing result:

HLA-B*15:18:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb 1.0kb 2.0kb 3.0kb 4.0kb

HLA-B*15:18:01:02 (identity: 100.00%)

Sample: **HG00418**

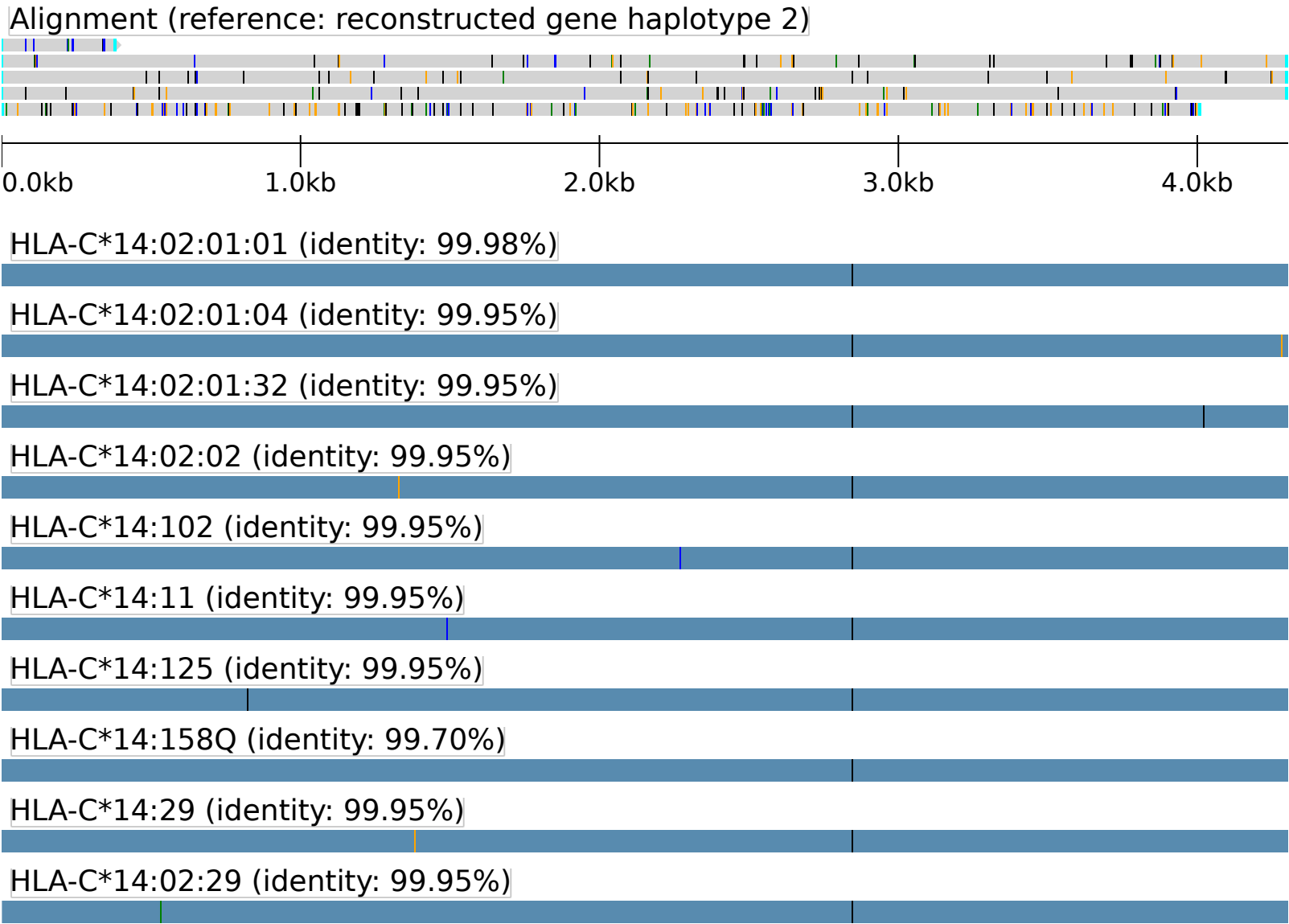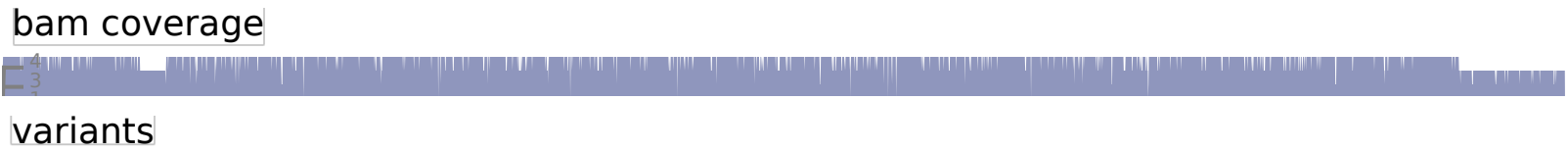*Locus:* **HLA-C**

Resolution: **4th field**

Full typing result:

HLA-C*14:02:01:01   HLA-C*14:02:01:04   HLA-C*14:02:01:32

HLA-C*14:02:02   HLA-C*14:102   HLA-C*14:11

HLA-C*14:125   HLA-C*14:158Q   HLA-C*14:29

HLA-C*14:02:29

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb

HLA-C*14:02:01:01 (identity: 99.98%)

HLA-C*14:02:01:04 (identity: 99.95%)

HLA-C*14:02:01:32 (identity: 99.95%)

HLA-C*14:02:02 (identity: 99.95%)

HLA-C*14:102 (identity: 99.95%)

HLA-C*14:11 (identity: 99.95%)

HLA-C*14:125 (identity: 99.95%)

HLA-C*14:158Q (identity: 99.70%)

HLA-C*14:29 (identity: 99.95%)

HLA-C*14:02:29 (identity: 99.95%)
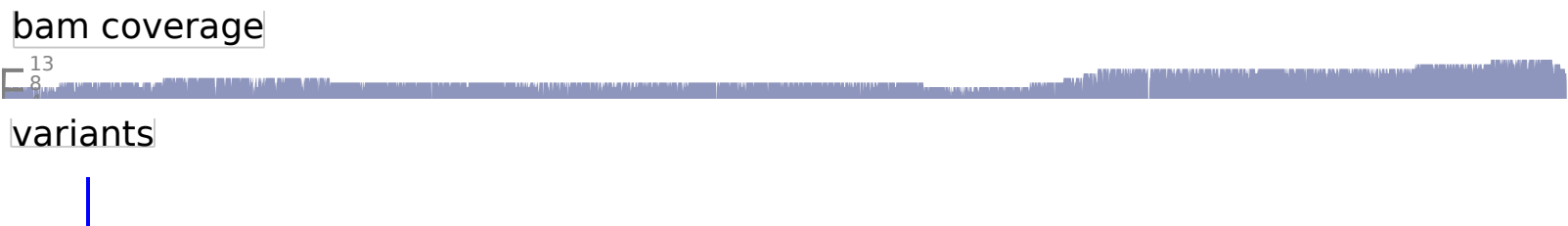
***Sample:* HG00418**

***Locus:* HLA-C**

***Resolution:* 4th field**

Full typing result:

| HLA-C*08:01:01:01 | HLA-C*08:01:01:03 | HLA-C*08:01:01:04 |

| HLA-C*08:01:01:12 | HLA-C*08:01:14 | HLA-C*08:03:01:01 |

| HLA-C*08:01:01:02 | HLA-C*08:01:36 | HLA-C*08:236N |

| HLA-C*08:01:33 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

| 0.0kb | 1.0kb | 2.0kb | 3.0kb | 4.0kb |
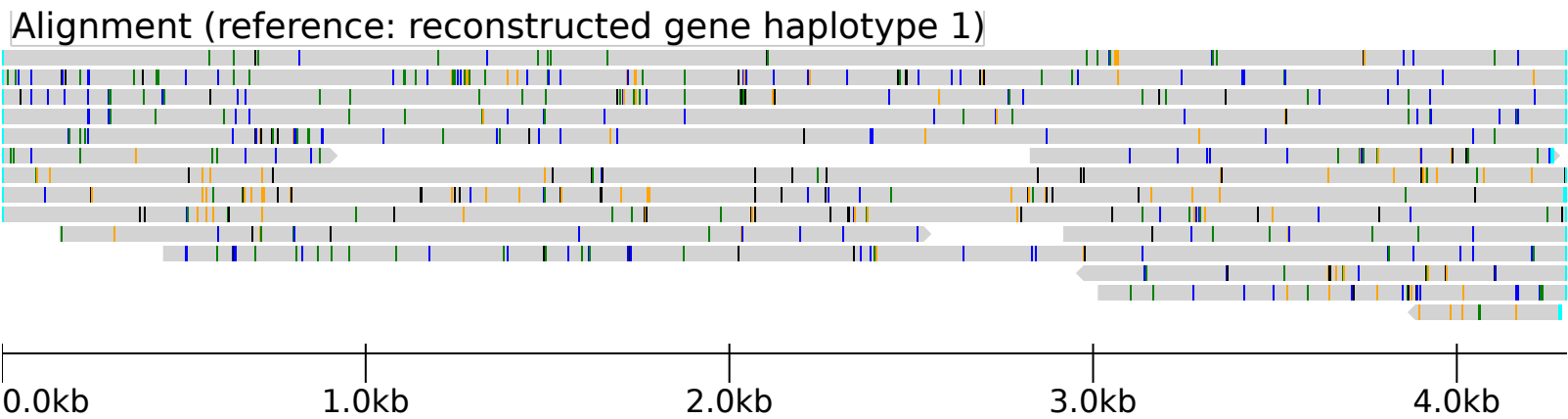
HLA-C*08:01:01:01 (identity: 100.00%)

HLA-C*08:01:01:03 (identity: 99.98%)

HLA-C*08:01:01:04 (identity: 99.98%)

HLA-C*08:01:01:12 (identity: 99.98%)

HLA-C*08:01:14 (identity: 99.98%)

HLA-C*08:03:01:01 (identity: 99.98%)

HLA-C*08:01:01:02 (identity: 99.98%)

HLA-C*08:01:36 (identity: 99.98%)

HLA-C*08:236N (identity: 99.98%)

HLA-C*08:01:33 (identity: 99.98%)

Sample: HG00418

Locus: HLA-DMA

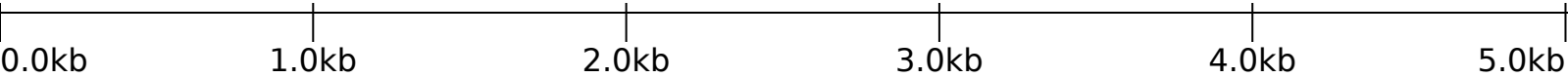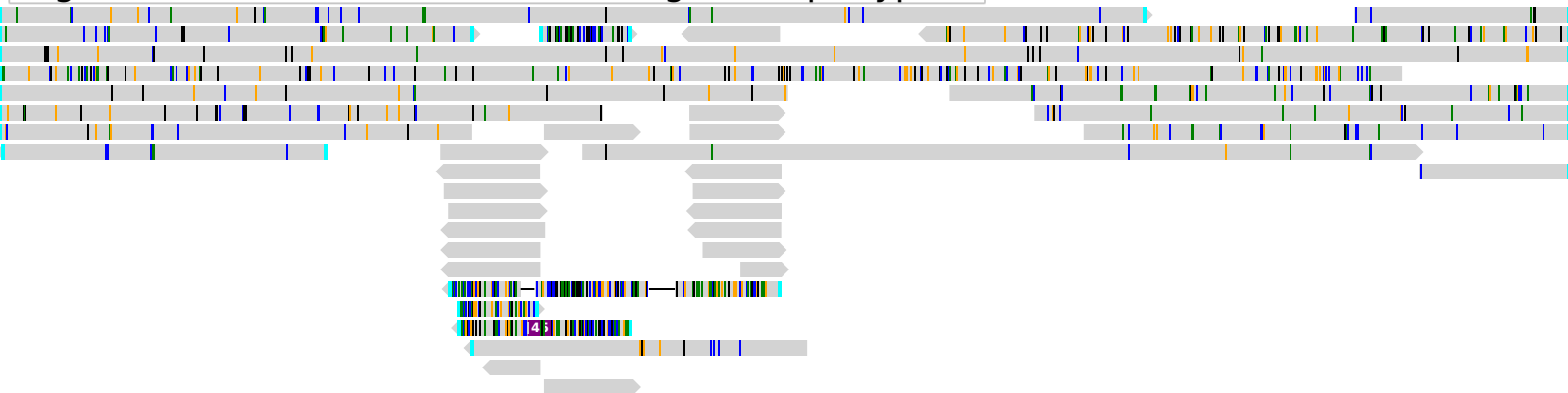*Resolution:* 4th field

Full typing result:

HLA-DMA*01:01:01:01

bam coverage

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: 99.94%)

Sample: **HG00418**

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
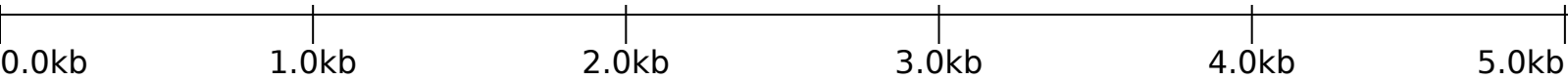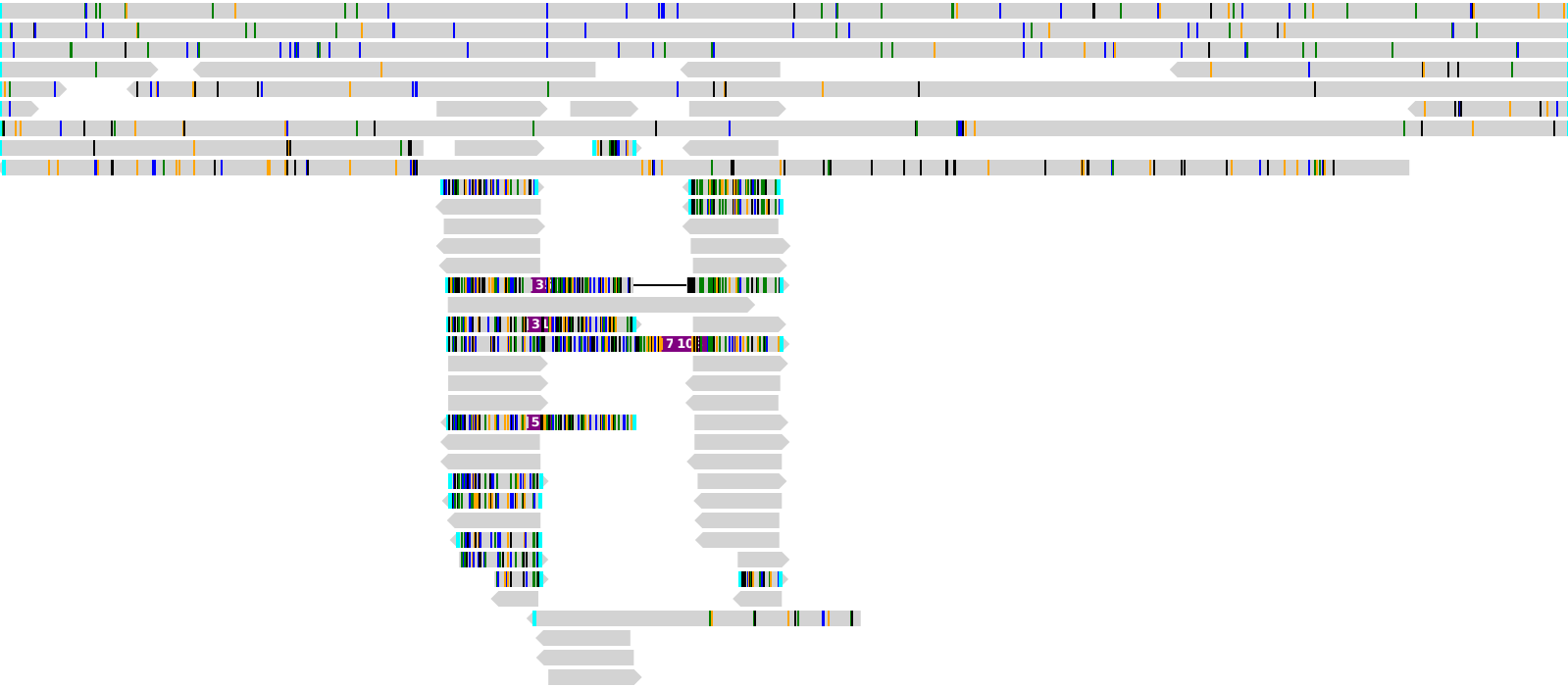
HLA-DMA*01:02:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

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

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

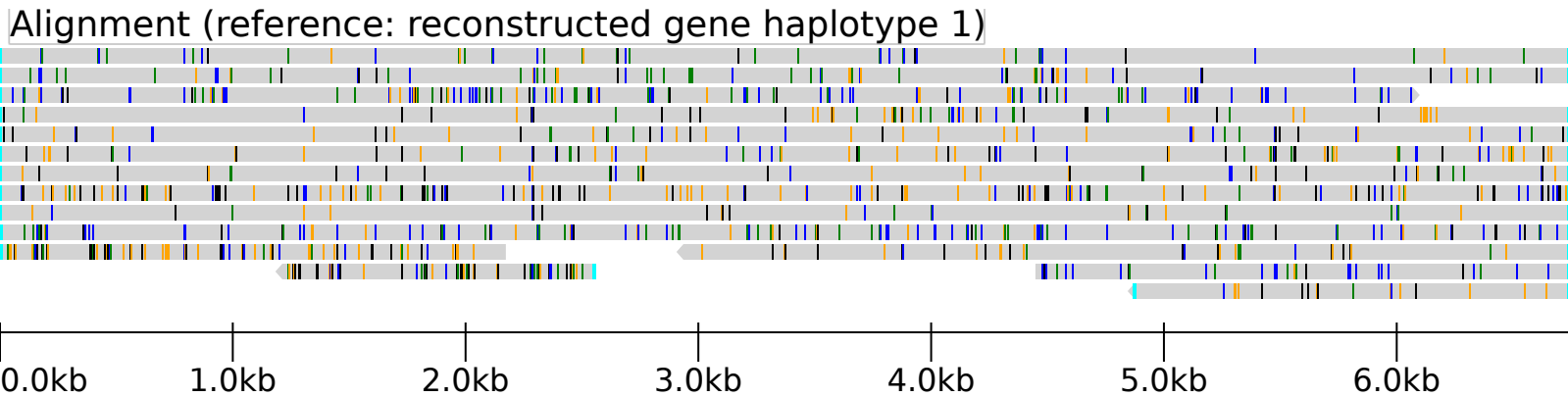HLA-DMA*01:02:01:01 (identity: 99.94%)

Sample: HG00418

Locus: HLA-DMB

Resolution: 4th field

Full typing result:

HLA-DMB*01:03:01:17   HLA-DMB*01:03:01:02   HLA-DMB*01:03:01:18

HLA-DMB*01:03:01:04

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

HLA-DMB*01:03:01:17 (identity: 100.00%)

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

HLA-DMB*01:03:01:18 (identity: 99.99%)

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

Sample: HG00418

Locus: HLA-DMB

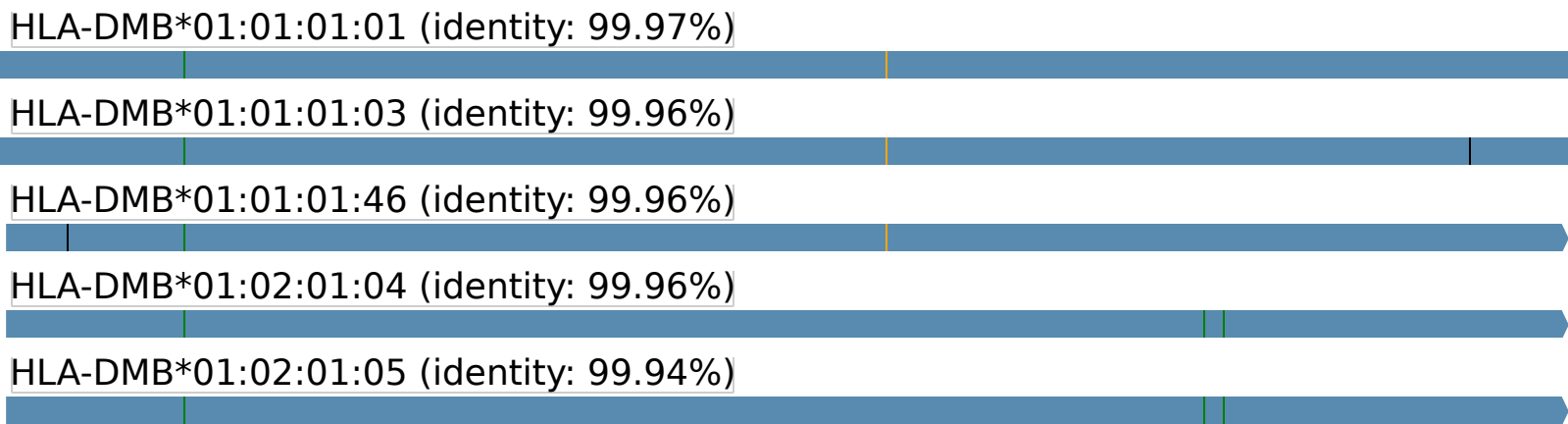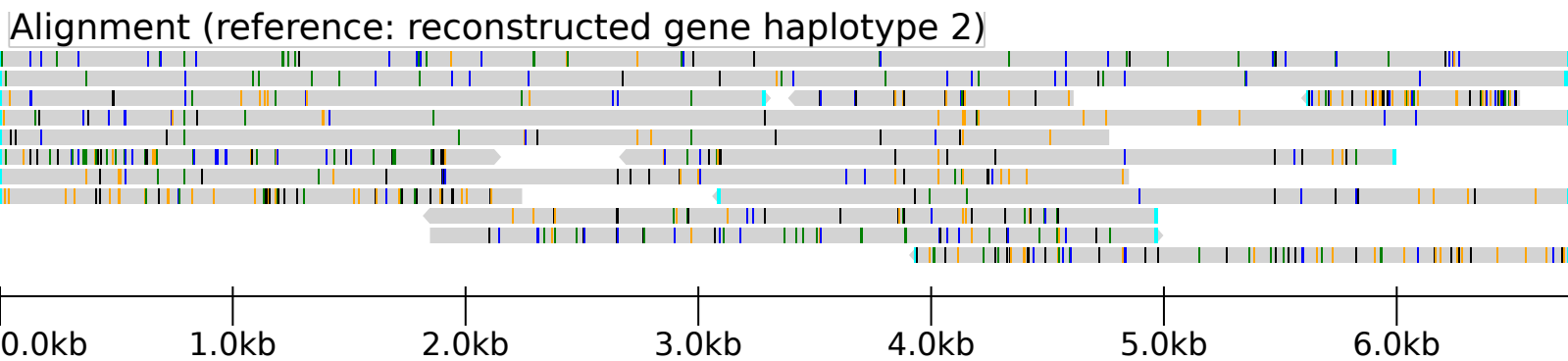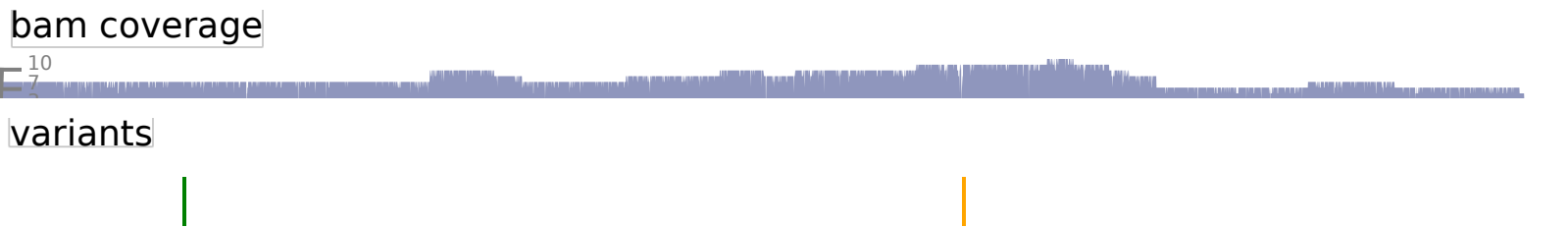**Resolution:** 4th field

Full typing result:

| HLA-DMB*01:01:01:01 | HLA-DMB*01:01:01:03 | HLA-DMB*01:01:01:46 |

| HLA-DMB*01:02:01:04 | HLA-DMB*01:02:01:05 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

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

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

HLA-DMB*01:01:01:46 (identity: 99.96%)

HLA-DMB*01:02:01:04 (identity: 99.96%)

HLA-DMB*01:02:01:05 (identity: 99.94%)

Sample: **HG00418**

Locus: **HLA-DOA**

Resolution: **4th field**

Full typing result:
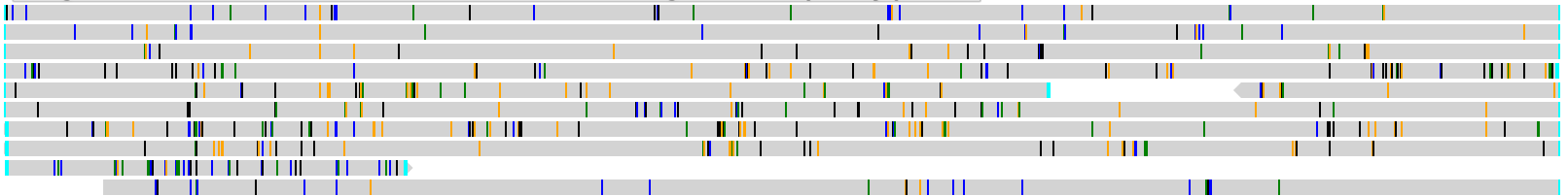
HLA-DOA*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: HG00418

Locus: HLA-DOA

Resolution: 4th field

Full typing result:

HLA-DOA*01:01:02:45

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: HG00418

Locus: **HLA-DOB**

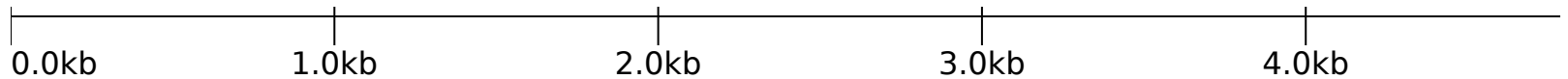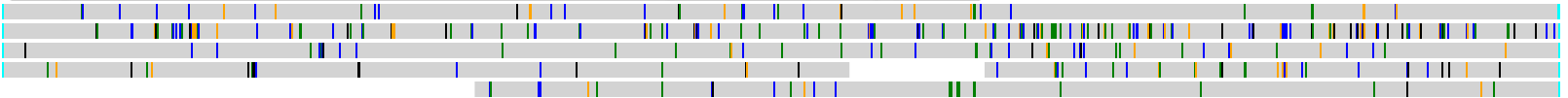**Resolution:** 4th field

Full typing result:

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

bam coverage

5
3
1

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb

HLA-DOB*01:05 (identity: 99.92%)

HLA-DOB*01:01:01:04 (identity: 99.90%)

Sample: **HG00418**

Locus: **HLA-DOB**

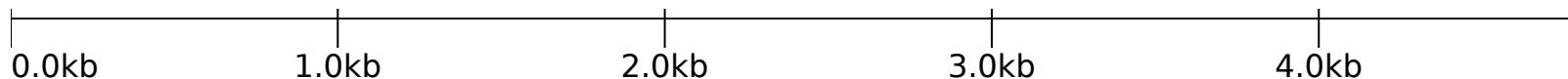*Resolution:* **4th field**

Full typing result:

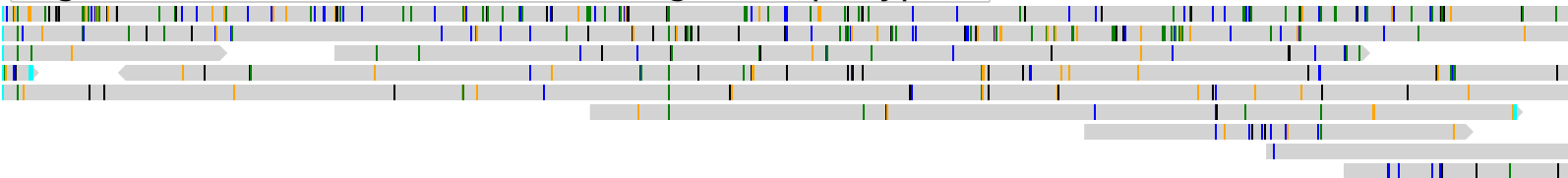| HLA-DOB*01:01:01:01 | HLA-DOB*01:16 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb

HLA-DOB*01:01:01:01 (identity: 99.81%)

HLA-DOB*01:16 (identity: 99.79%)

Sample: **HG00418**

Locus: **HLA-DPA1**

Resolution: **4th field**

Full typing result:
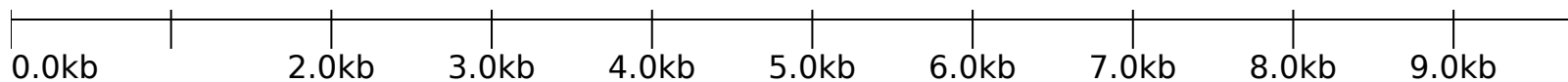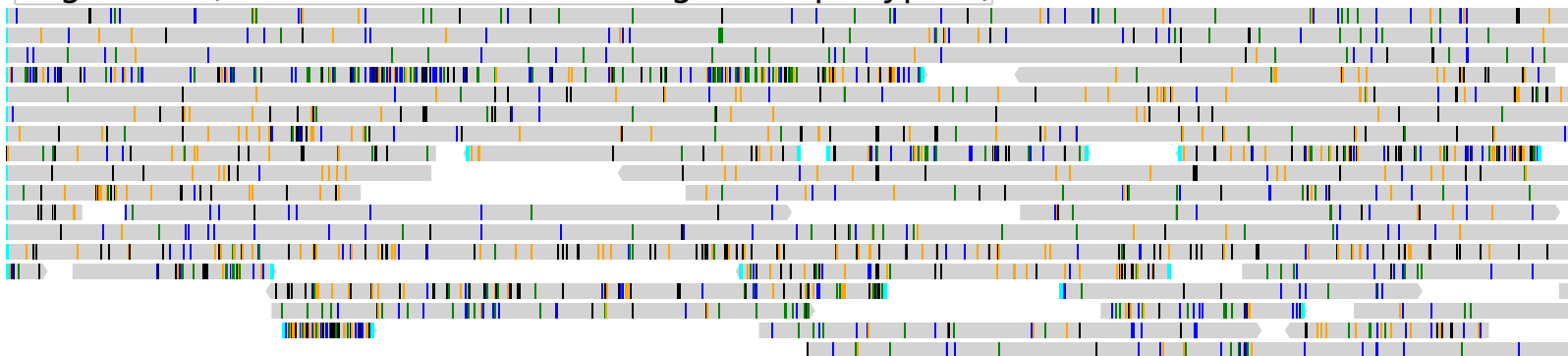
HLA-DPA1*01:03:01:01

bam coverage

16
11

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   2.0kb   3.0kb   4.0kb   5.0kb   6.0kb   7.0kb   8.0kb   9.0kb

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

Sample: HG00418

Locus: HLA-DPA2

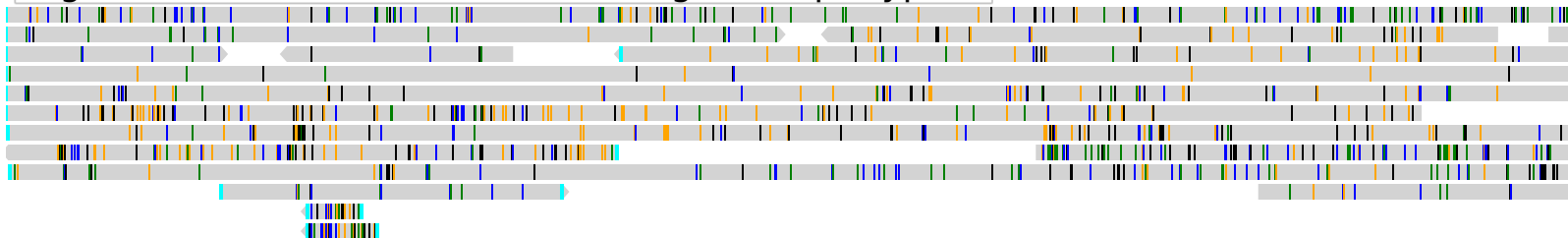**Resolution:** 4th field

Full typing result:

HLA-DPA2*02:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

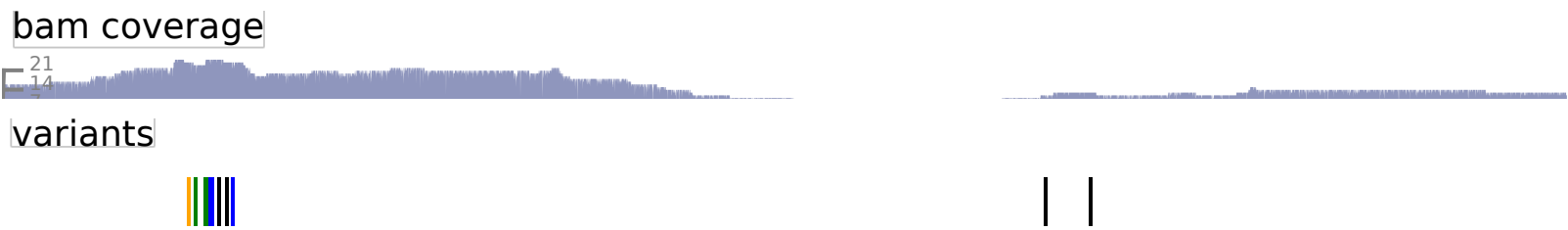| 0.0kb | 1.0kb | 2.0kb | 3.0kb | 4.0kb | 5.0kb | 6.0kb |

HLA-DPA2*02:01:01:01 (identity: 100.00%)

Sample: HG00418

Locus: HLA-DPB1

Resolution: 4th field

Full typing result:

HLA-DPB1*02:01:02:01	HLA-DPB1*02:01:02:05	HLA-DPB1*02:01:02:04
HLA-DPB1*02:01:02:06	HLA-DPB1*02:01:02:11	HLA-DPB1*02:01:02:12
HLA-DPB1*02:01:02:22	HLA-DPB1*02:01:02:34	HLA-DPB1*02:01:02:37
HLA-DPB1*02:01:02:43	HLA-DPB1*02:01:02:48	HLA-DPB1*02:01:02:51
HLA-DPB1*02:01:02:52	HLA-DPB1*02:01:02:53	HLA-DPB1*02:01:02:66

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)
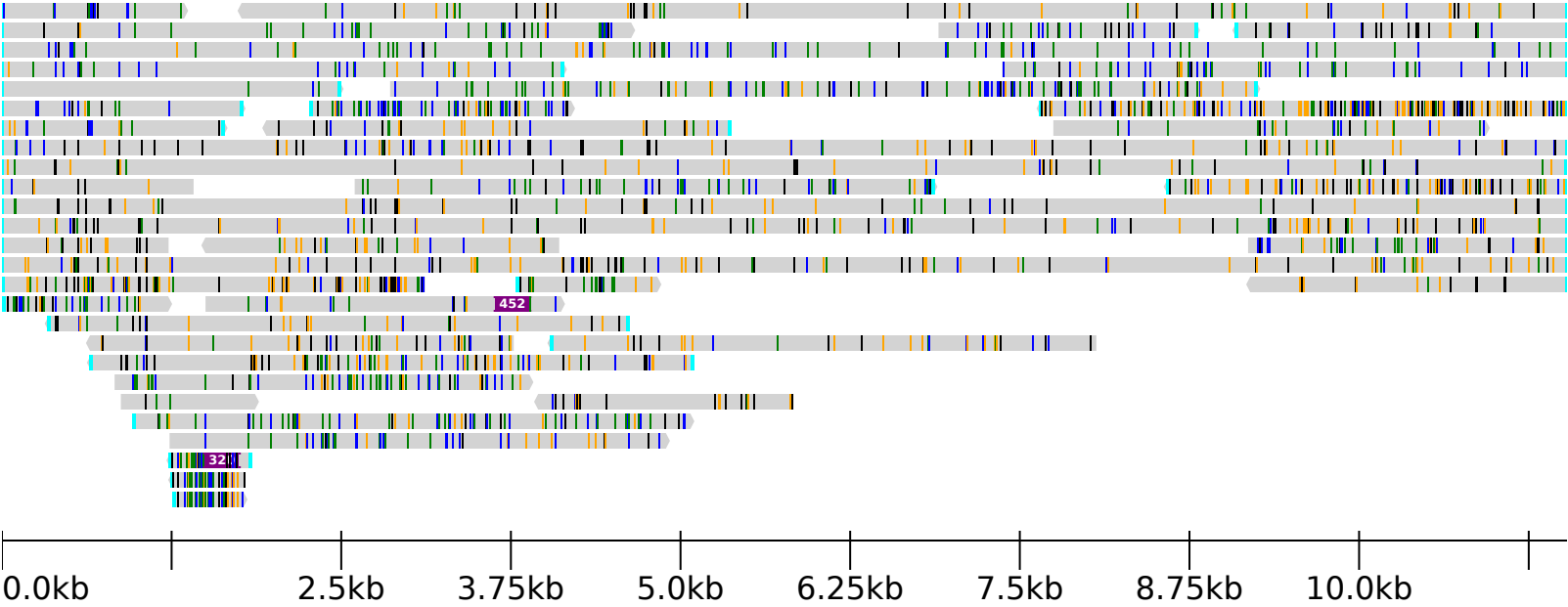
HLA-DPB1*02:01:02:01 (identity: 100.00%)

HLA-DPB1*02:01:02:05 (identity: 99.97%)

HLA-DPB1*02:01:02:04 (identity: 99.97%)

HLA-DPB1*02:01:02:06 (identity: 99.99%)

HLA-DPB1*02:01:02:11 (identity: 99.99%)

HLA-DPB1*02:01:02:12 (identity: 99.99%)

HLA-DPB1*02:01:02:22 (identity: 99.99%)

HLA-DPB1*02:01:02:34 (identity: 99.99%)

HLA-DPB1*02:01:02:37 (identity: 99.94%)

HLA-DPB1*02:01:02:43 (identity: 99.99%)

Sample: HG00418

Locus: HLA-DPB2

Resolution: 4th field

Full typing result:

HLA-DPB2*01:01:02

bam coverage

51
34
17

variants

Alignment (reference: reconstructed gene haplotype 1)

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

HLA-DPB2*01:01:02 (identity: 99.99%)
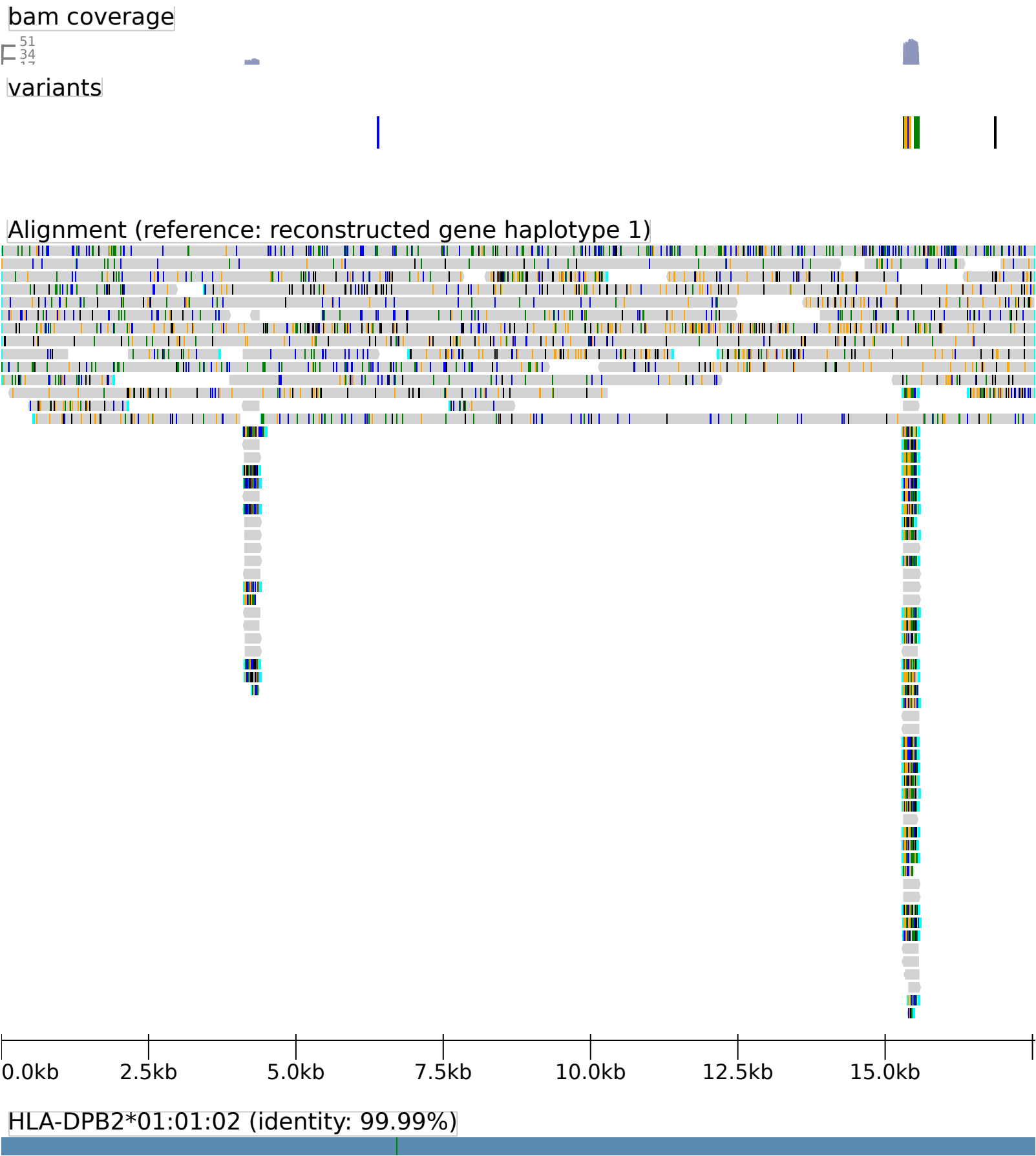
Sample: HG00418

Locus: HLA-DQA1

Resolution: 4th field

Full typing result:

HLA-DQA1*05:03:01:02   HLA-DQA1*05:01:01:02   HLA-DQA1*05:06:01:01

HLA-DQA1*05:07   HLA-DQA1*05:06:01:02   HLA-DQA1*05:06:01:03

HLA-DQA1*05:107

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

HLA-DQA1*05:03:01:02 (identity: 98.94%)

HLA-DQA1*05:01:01:02 (identity: 98.93%)

HLA-DQA1*05:06:01:01 (identity: 98.93%)

HLA-DQA1*05:07 (identity: 98.93%)

HLA-DQA1*05:06:01:02 (identity: 98.91%)
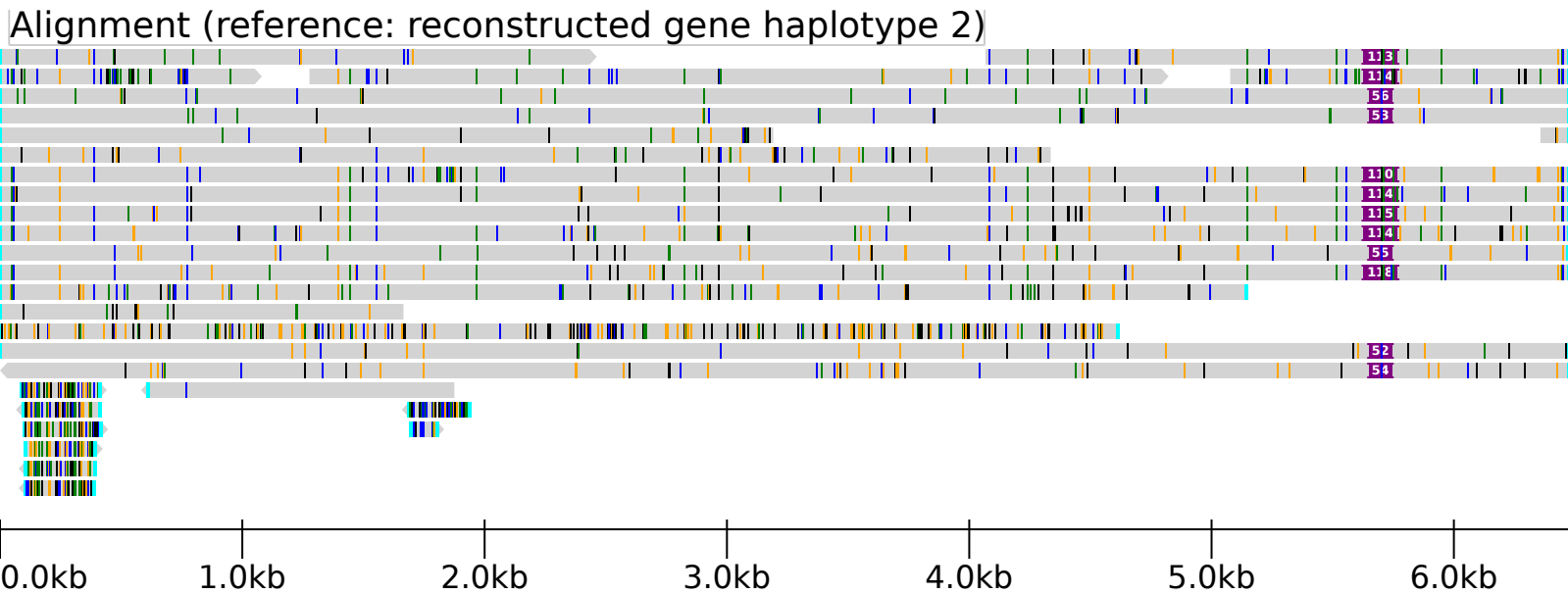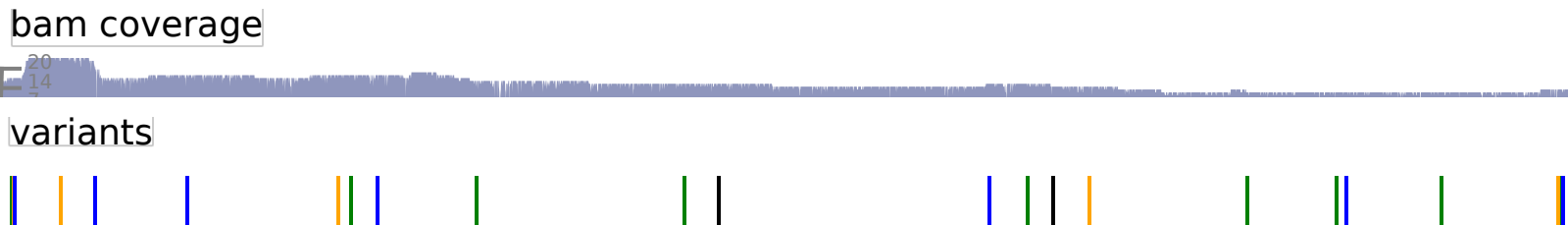
HLA-DQA1*05:06:01:03 (identity: 98.91%)

HLA-DQA1*05:107 (identity: 98.91%)

Sample: HG00418

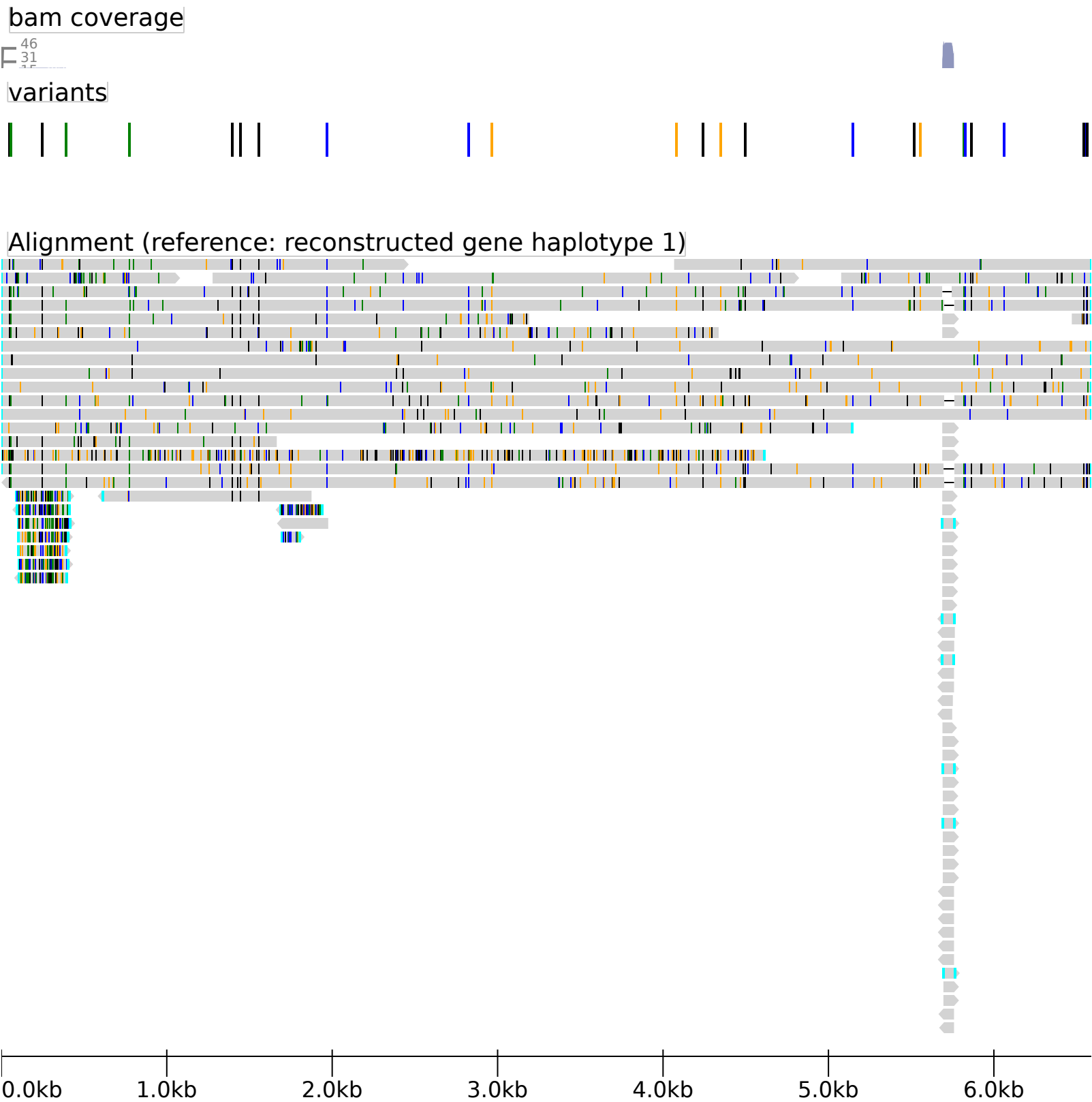**Locus:** HLA-DQA1

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

46
31
15

variants

Alignment (reference: reconstructed gene haplotype 1)

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

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: **HG00418**

Locus: **HLA-DQA2**

Resolution: **4th field**

Full typing result:

HLA-DQA2*01:01:02:01

bam coverage

68
45
23

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   10.0kb   20.0kb   30.0kb

HLA-DQA2*01:01:02:01 (identity: 99.98%)

Sample: HG00418

Locus: HLA-DQB1

Resolution: 4th field

Full typing result:
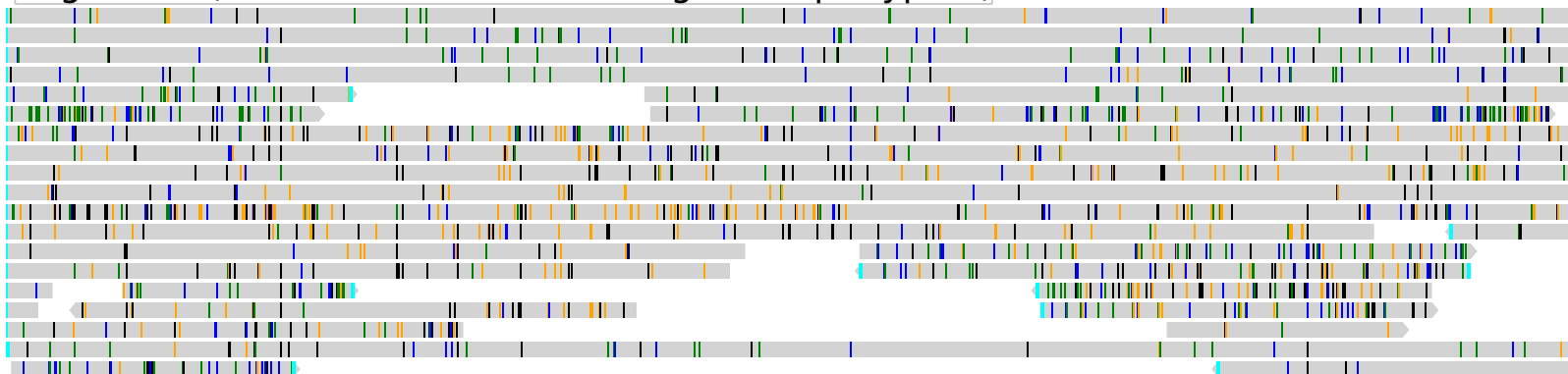
HLA-DQB1*03:01:01:10

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*03:01:01:10 (identity: 100.00%)

Sample: HG00418

Locus: HLA-DQB1

Resolution: 4th field

Full typing result:
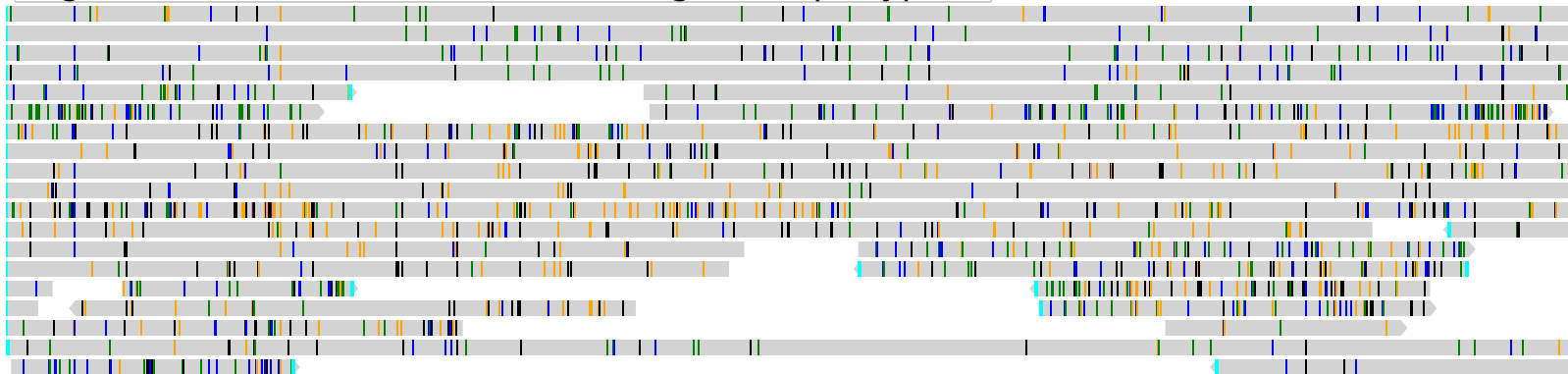
HLA-DQB1*03:01:01:03

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

Sample: HG00418

Locus: HLA-DQB2

Resolution: 4th field

Full typing result:
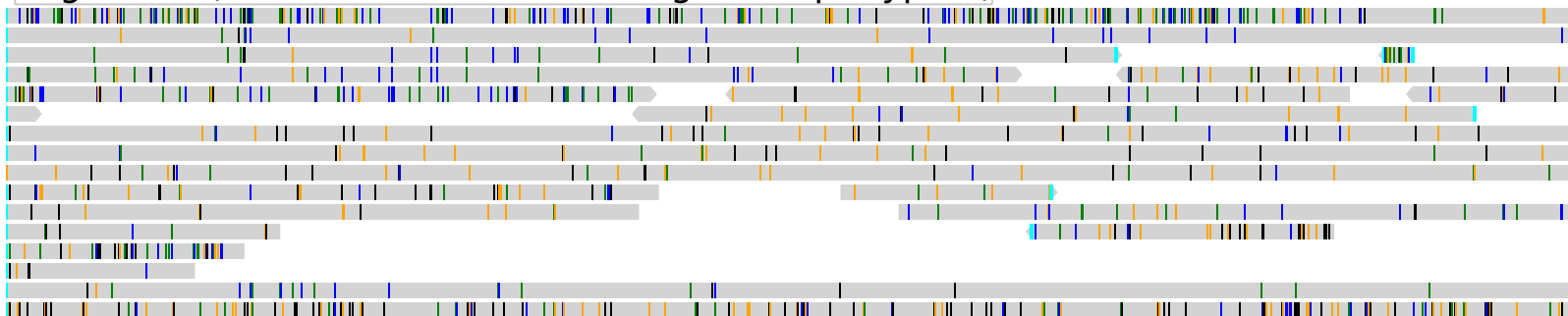
HLA-DQB2*01:01:01:01

bam coverage

14
10

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: **HG00418**

Locus: **HLA-DRA**

Resolution: **4th field**

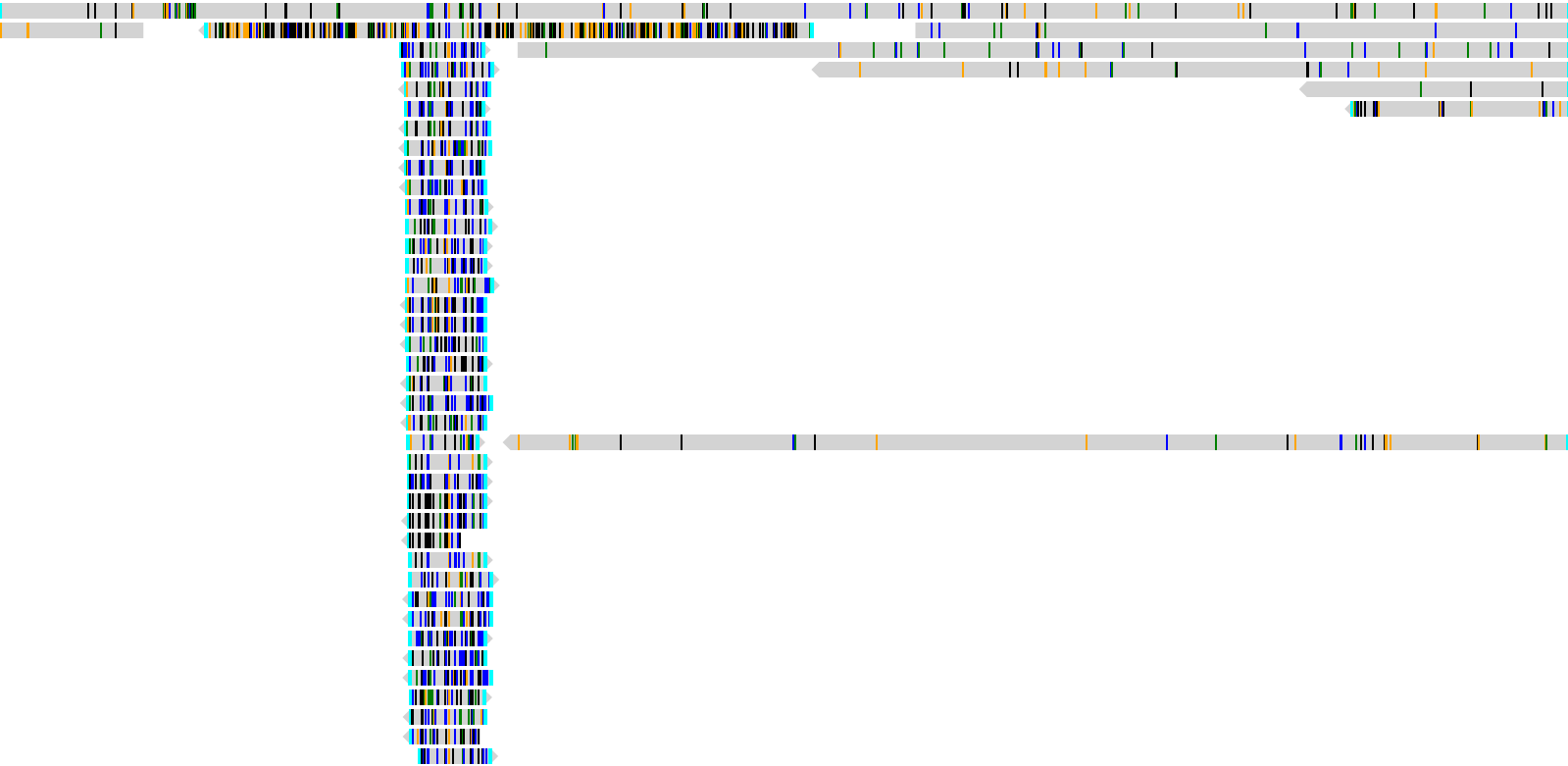*Full typing result:*

HLA-DRA*01:01:01:08

bam coverage
34
23
11

variants

Alignment (reference: reconstructed gene haplotype 1)

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

HLA-DRA*01:01:01:08 (identity: 98.23%)

Sample: HG00418

Locus: HLA-DRA

Resolution: 4th field

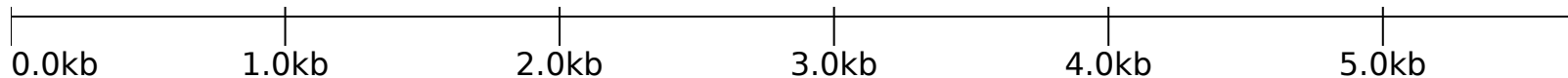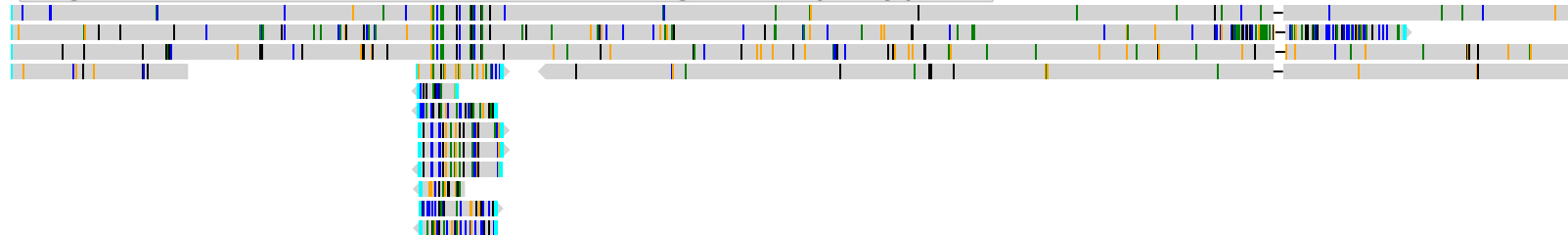**Full typing result:**

HLA-DRA*01:02:02:08

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

HLA-DRA*01:02:02:08 (identity: 99.12%)

Sample: HG00418

Locus: HLA-DRB1

Resolution: 4th field

Full typing result:

| HLA-DRB1*13:07:01 | HLA-DRB1*11:01:02:01 | HLA-DRB1*14:12:01 |

| HLA-DRB1*11:01:01:01 | HLA-DRB1*14:03:01 | HLA-DRB1*11:01:01:03 |

| HLA-DRB1*11:04:01:01 | HLA-DRB1*11:01:01:04 | HLA-DRB1*14:02:01:02 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

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

HLA-DRB1*13:07:01 (identity: 97.03%)

HLA-DRB1*11:01:02:01 (identity: 96.96%)

HLA-DRB1*14:12:01 (identity: 96.98%)

HLA-DRB1*11:01:01:01 (identity: 97.03%)

HLA-DRB1*14:03:01 (identity: 96.97%)

HLA-DRB1*11:01:01:03 (identity: 97.01%)

HLA-DRB1*11:04:01:01 (identity: 97.03%)

HLA-DRB1*11:01:01:04 (identity: 96.97%)

HLA-DRB1*14:02:01:02 (identity: 96.93%)

Sample: HG00418

Locus: HLA-DRB1

Resolution: 4th field

Full typing result:

HLA-DRB1*11:01:01:03 HLA-DRB1*11:01:01:12N HLA-DRB1*11:01:01:01

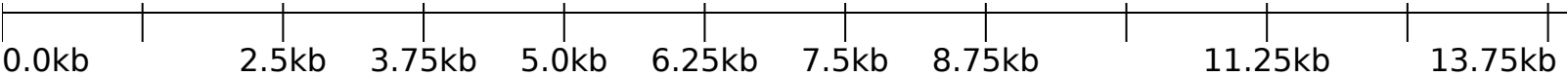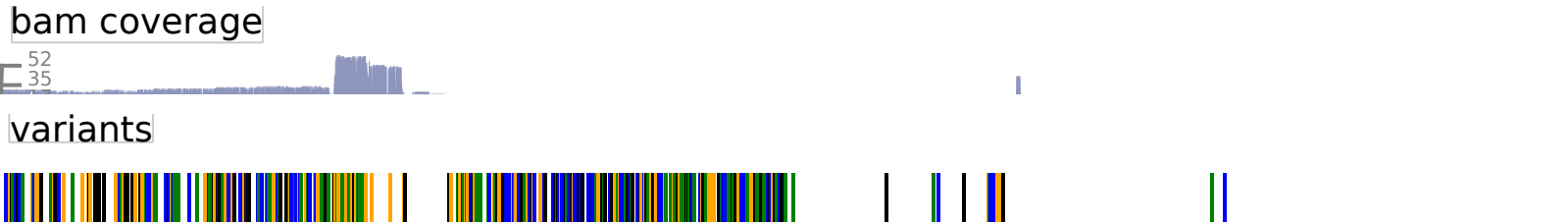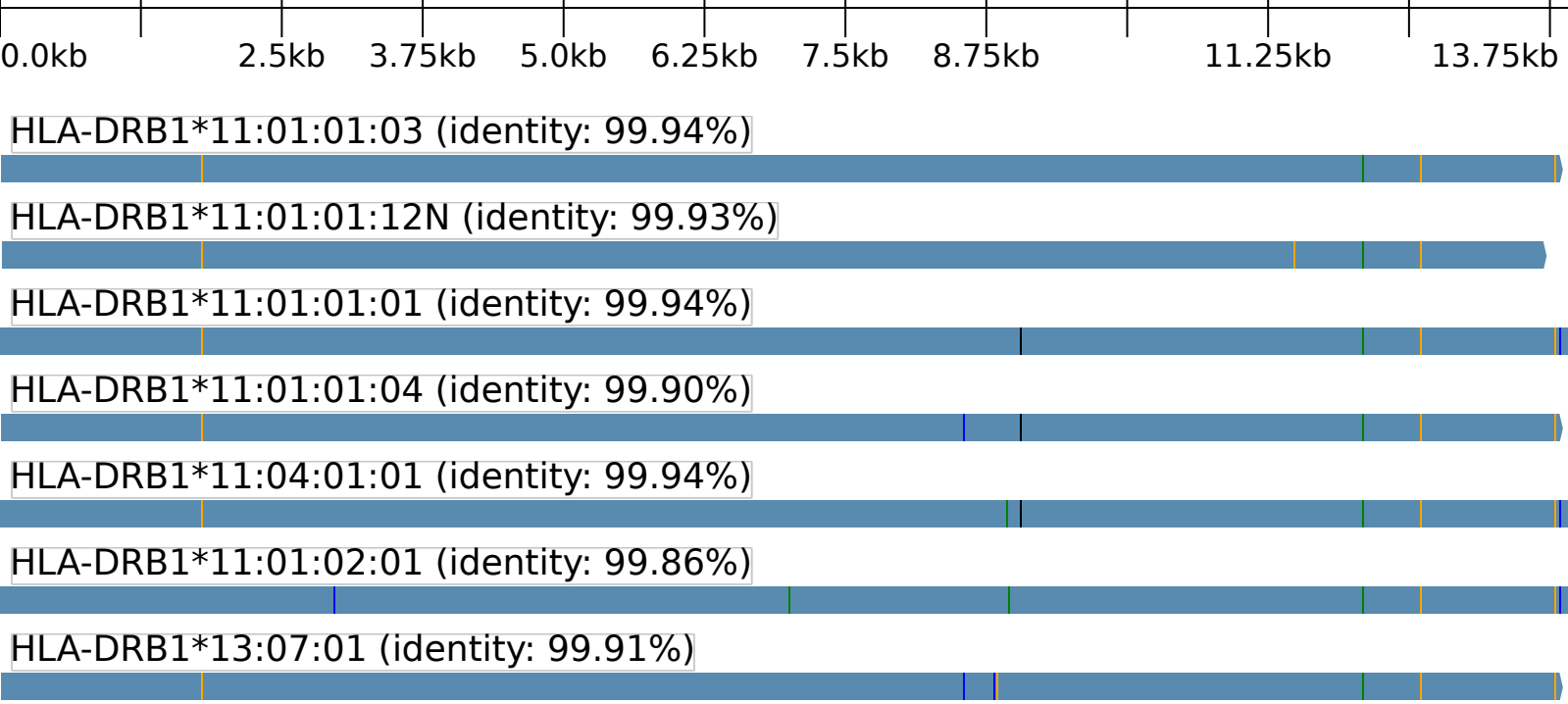HLA-DRB1*11:01:01:04 HLA-DRB1*11:04:01:01 HLA-DRB1*11:01:02:01

HLA-DRB1*13:07:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

HLA-DRB1*11:01:01:03 (identity: 99.94%)

HLA-DRB1*11:01:01:12N (identity: 99.93%)

HLA-DRB1*11:01:01:01 (identity: 99.94%)

HLA-DRB1*11:01:01:04 (identity: 99.90%)

HLA-DRB1*11:04:01:01 (identity: 99.94%)

HLA-DRB1*11:01:02:01 (identity: 99.86%)

HLA-DRB1*13:07:01 (identity: 99.91%)

Sample: **HG00418**

Locus: **HLA-DRB3**

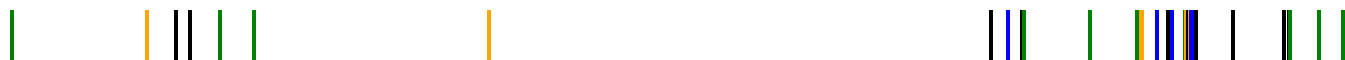*Resolution:* **4th field**

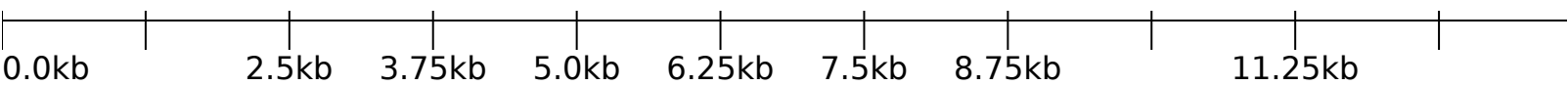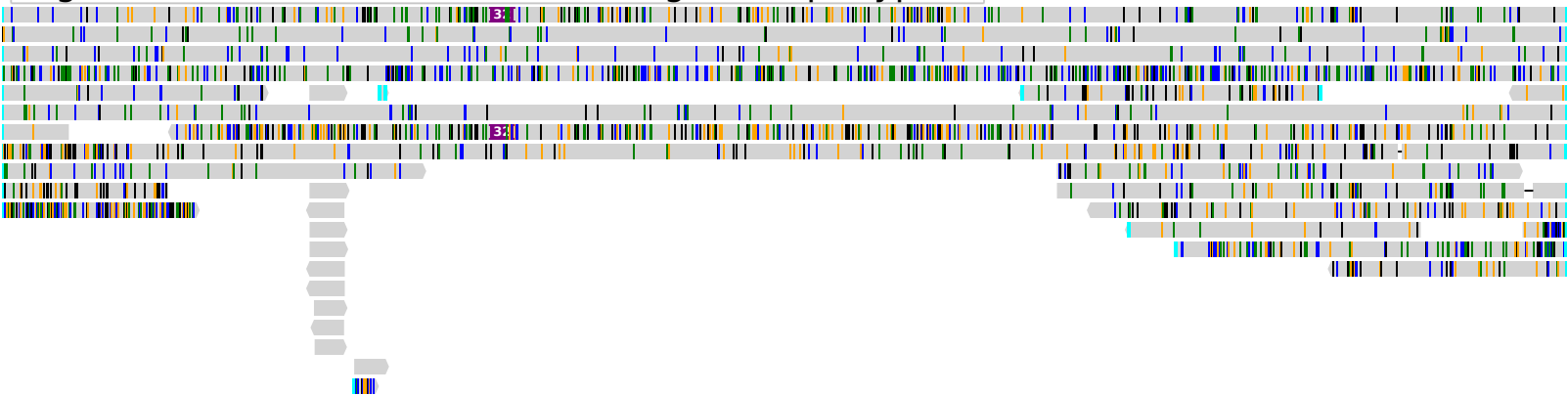*Full typing result:*

HLA-DRB3*02:02:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

HLA-DRB3*02:02:01:02 (identity: 100.00%)

Sample: HG00418

Locus: HLA-DRB3

Resolution: 4th field

Full typing result:

| HLA-DRB3*01:01:02:05 | HLA-DRB3*01:01:02:01 | HLA-DRB3*01:62:01:02 |

| HLA-DRB3*01:01:02:03 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

HLA-DRB3*01:01:02:05 (identity: 99.37%)

HLA-DRB3*01:01:02:01 (identity: 99.38%)

HLA-DRB3*01:62:01:02 (identity: 99.38%)

HLA-DRB3*01:01:02:03 (identity: 99.36%)

Sample: **HG00418**

Locus: **HLA-DRB4**

Resolution: **4th field**

Full typing result:

| HLA-DRB4*01:01:01:01 | HLA-DRB4*02:01N | HLA-DRB4*01:01:12 |

| HLA-DRB4*01:01:01:04 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

HLA-DRB4*01:01:01:01 (identity: 94.60%)

HLA-DRB4*02:01N (identity: 94.59%)

HLA-DRB4*01:01:12 (identity: 94.59%)

HLA-DRB4*01:01:01:04 (identity: 94.31%)

Sample: HG00418

Locus: HLA-DRB4

Resolution: 4th field

Full typing result:

| HLA-DRB4*01:01:01:01 | HLA-DRB4*01:01:01:03 | HLA-DRB4*01:01:01:04 |

| HLA-DRB4*01:01:12 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

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

HLA-DRB4*01:01:01:01 (identity: 94.60%)

HLA-DRB4*01:01:01:03 (identity: 94.29%)

HLA-DRB4*01:01:01:04 (identity: 94.31%)

HLA-DRB4*01:01:12 (identity: 94.59%)

Sample: **HG00418**

Locus: **HLA-DRB5**
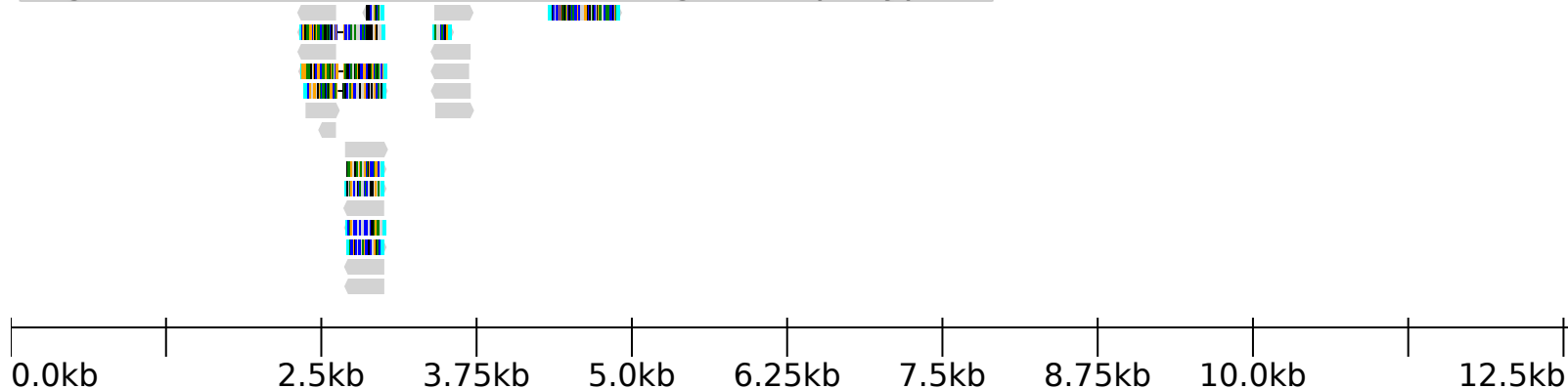
Resolution: **4th field**

Full typing result:

HLA-DRB5*01:01:01:04

bam coverage

11
7

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: 70.76%)

Sample: HG00418

Locus: HLA-DRB5

Resolution: 4th field

Full typing result:

HLA-DRB5*01:02:01

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

HLA-DRB5*01:02:01 (identity: 73.49%)

Sample: HG00418

Locus: HLA-E

Resolution: 4th field

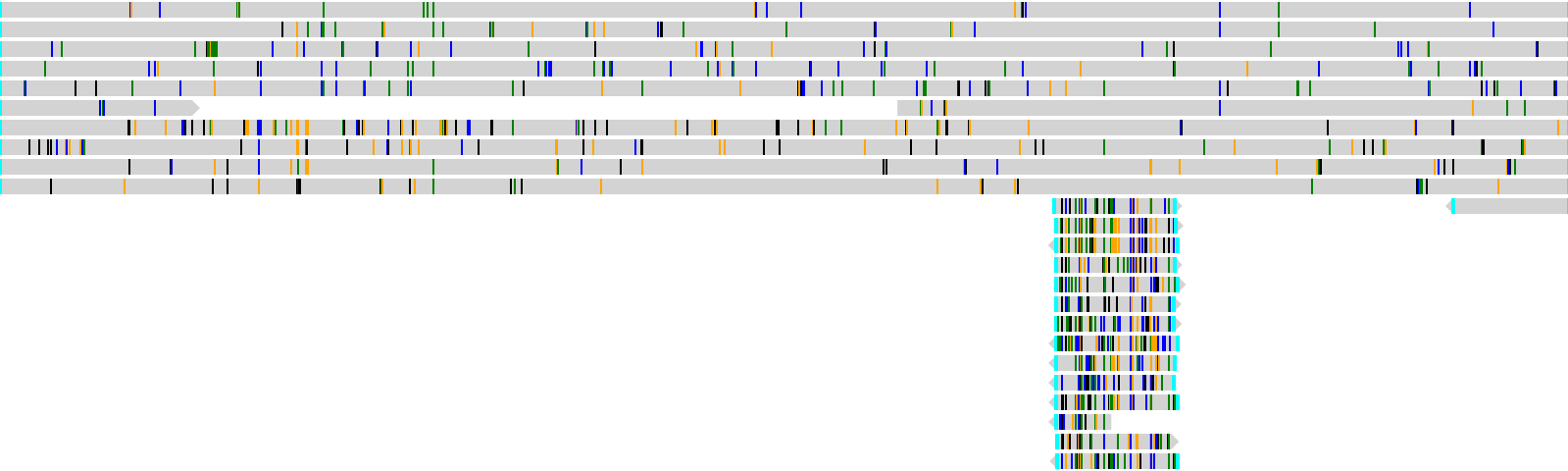**Full typing result:**

HLA-E*01:01:02

bam coverage

21
14
7

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: HG00418

Locus: HLA-F

Resolution: 4th field

Full typing result:
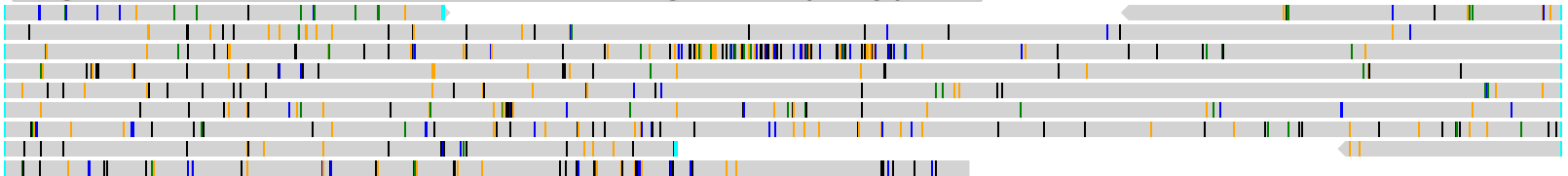
HLA-F*01:10

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb

HLA-F*01:10 (identity: 99.92%)

Sample: HG00418

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 |

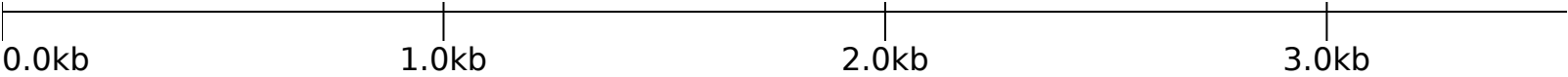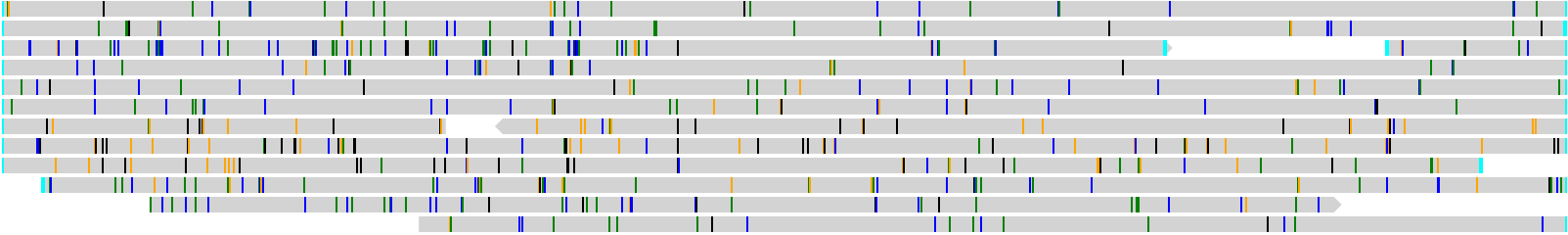| HLA-F*01:01:07 | HLA-F*01:01:08 | HLA-F*01:01:11 |

| HLA-F*01:02:01:02 | HLA-F*01:10 | HLA-F*01:12 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb

HLA-F*01:01:01:09 (identity: 99.94%)

HLA-F*01:01:01:10 (identity: 99.92%)

HLA-F*01:01:01:11 (identity: 99.92%)

HLA-F*01:01:01:12 (identity: 99.92%)

HLA-F*01:01:01:27 (identity: 99.92%)

HLA-F*01:01:01:29 (identity: 99.92%)

HLA-F*01:01:01:42 (identity: 99.92%)

HLA-F*01:01:01:43 (identity: 99.92%)

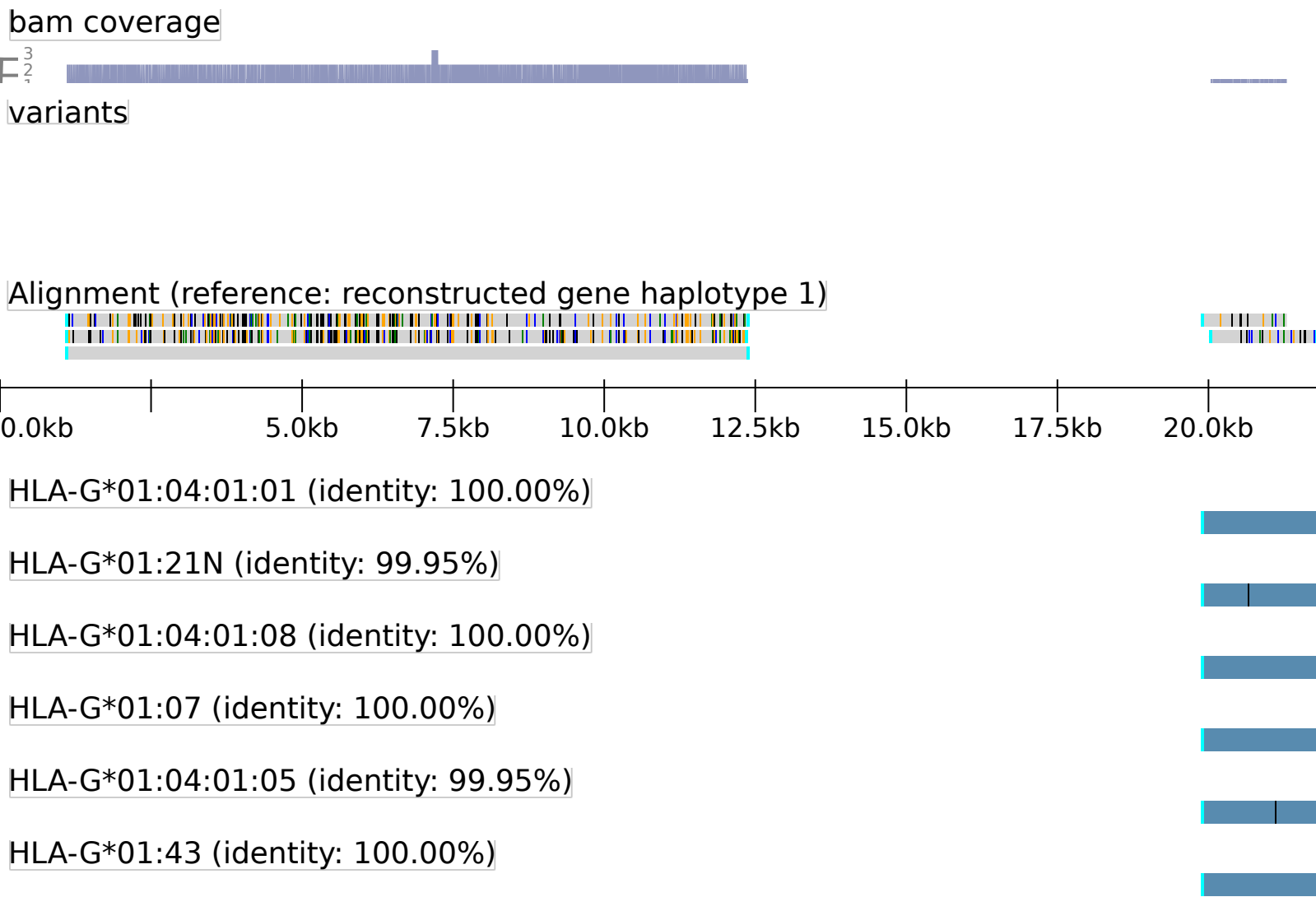HLA-F*01:01:06 (identity: 99.92%)

HLA-F*01:01:07 (identity: 99.92%)

Sample: HG00418

Locus: HLA-G

Resolution: 4th field

Full typing result:

| HLA-G*01:04:01:01 | HLA-G*01:21N | HLA-G*01:04:01:08 |

| HLA-G*01:07 | HLA-G*01:04:01:05 | HLA-G*01:43 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   5.0kb   7.5kb   10.0kb   12.5kb   15.0kb   17.5kb   20.0kb

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

HLA-G*01:21N (identity: 99.95%)

HLA-G*01:04:01:08 (identity: 100.00%)

HLA-G*01:07 (identity: 100.00%)

HLA-G*01:04:01:05 (identity: 99.95%)

HLA-G*01:43 (identity: 100.00%)

Sample: **HG00418**

Locus: **HLA-G**

Resolution: **4th field**

Full typing result:

HLA-G*01:04:04:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0	250	500	750	1,000		1,500		2,000		2,500		3,000
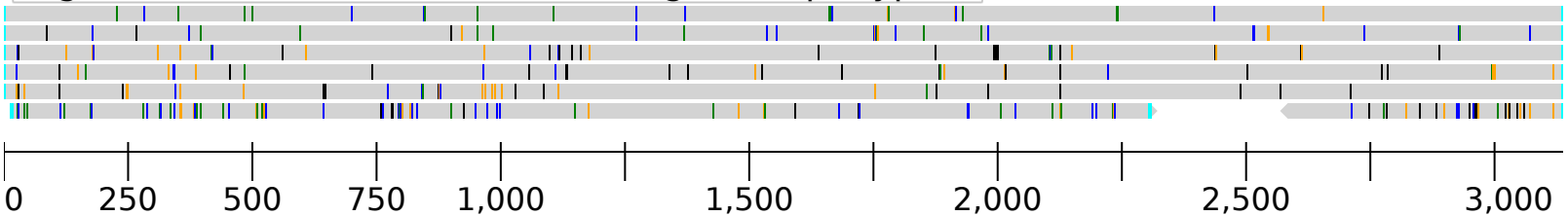
HLA-G*01:04:04:01 (identity: 100.00%)

Sample: **HG00418**

Locus: **HLA-J**

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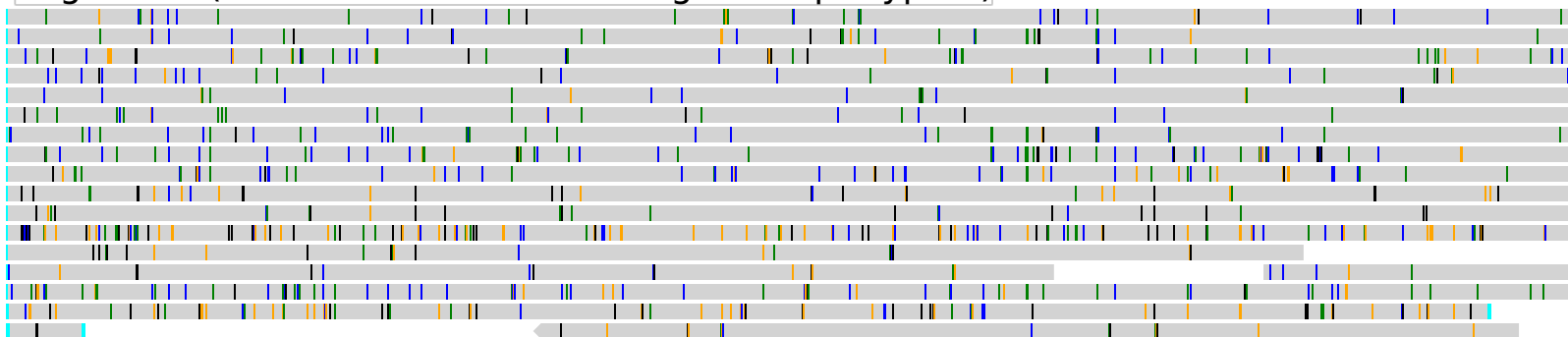
Full typing result:

HLA-J*01:01:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)
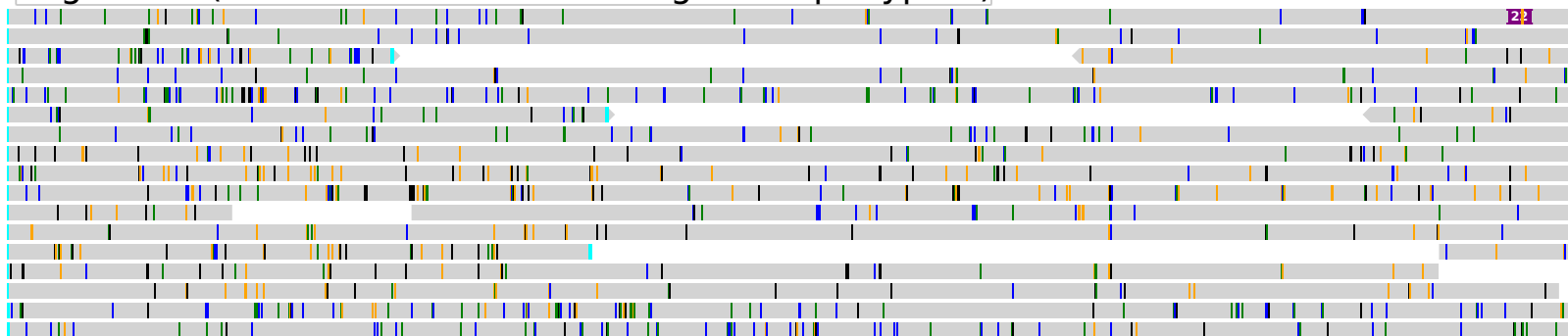
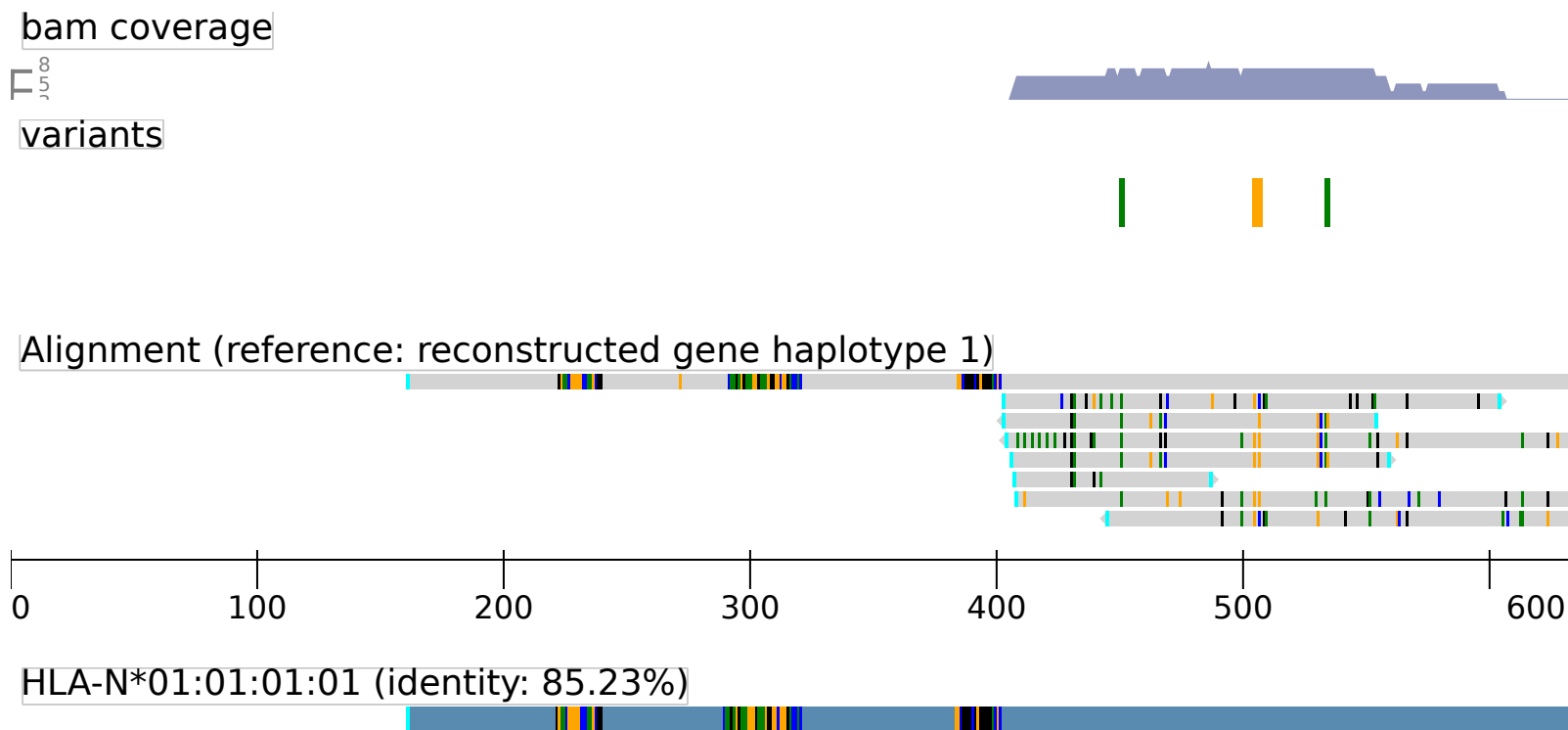0.0kb 1.0kb 2.0kb 3.0kb

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

Sample: HG00418

Locus: HLA-L

Resolution: 4th field

Full typing result:

HLA-L*01:03

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: HG00418

Locus: HLA-N

Resolution: 4th field

Full typing result:

HLA-N*01:01:01:01
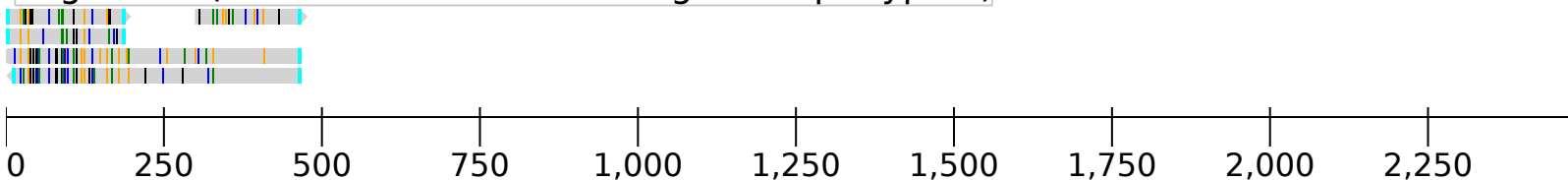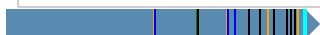
bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)
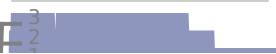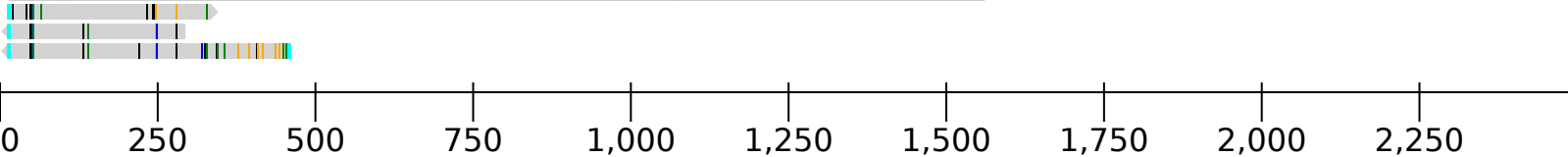
HLA-N*01:01:01:01 (identity: 85.23%)

Sample: HG00418

Locus: HLA-P

Resolution: 4th field

Full typing result:

HLA-P*02:01:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   5.0kb   7.5kb   12.5kb   17.5kb   22.5kb   27.5kb

HLA-P*02:01:01:02 (identity: 99.96%)

Sample: **HG00418**

Locus: **HLA-S**

Resolution: **4th field**

Full typing result:

HLA-S*01:02:01:03

bam coverage

5
3

variants

Alignment (reference: reconstructed gene haplotype 1)

0   100   200   300   400   500   600   700   800
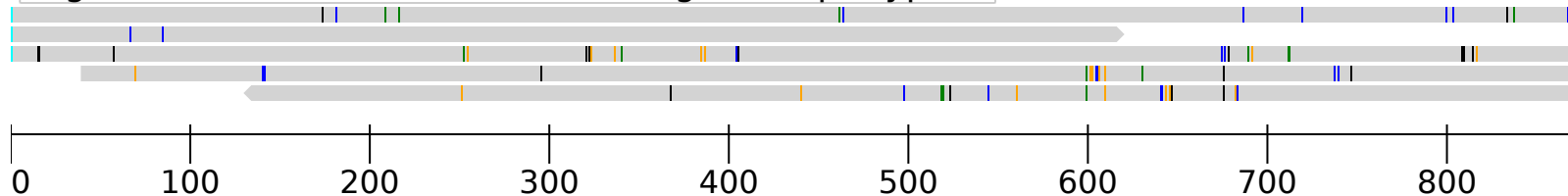
HLA-S*01:02:01:03 (identity: 100.00%)

Sample: HG00418

Locus: HLA-T

Resolution: 4th field

Full typing result:

HLA-T*03:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

HLA-T*03:01:01:01 (identity: 96.77%)

Sample: HG00418

Locus: HLA-T

Resolution: 4th field

Full typing result:

HLA-T*03:01:01:02

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|

HLA-T*03:01:01:02 (identity: 94.37%)

Sample: HG00418

Locus: HLA-U

Resolution: 4th field
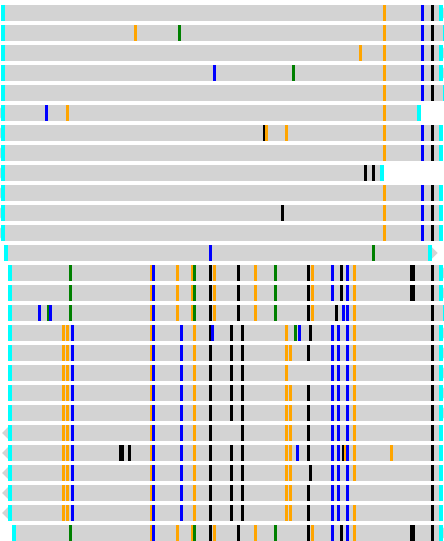
Full typing result:

HLA-U*01:03

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)
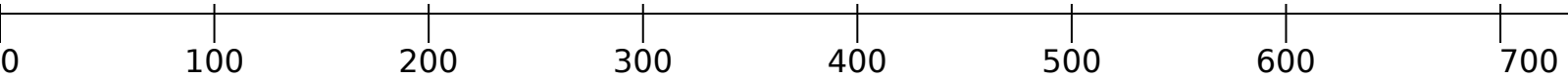
HLA-U*01:03 (identity: 92.08%)

Sample: **HG00418**

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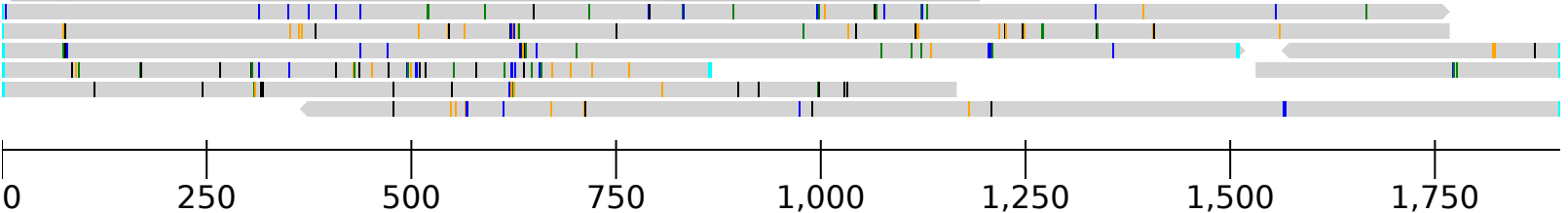
Resolution: **4th field**

Full typing result:

HLA-V*01:01:01:04

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

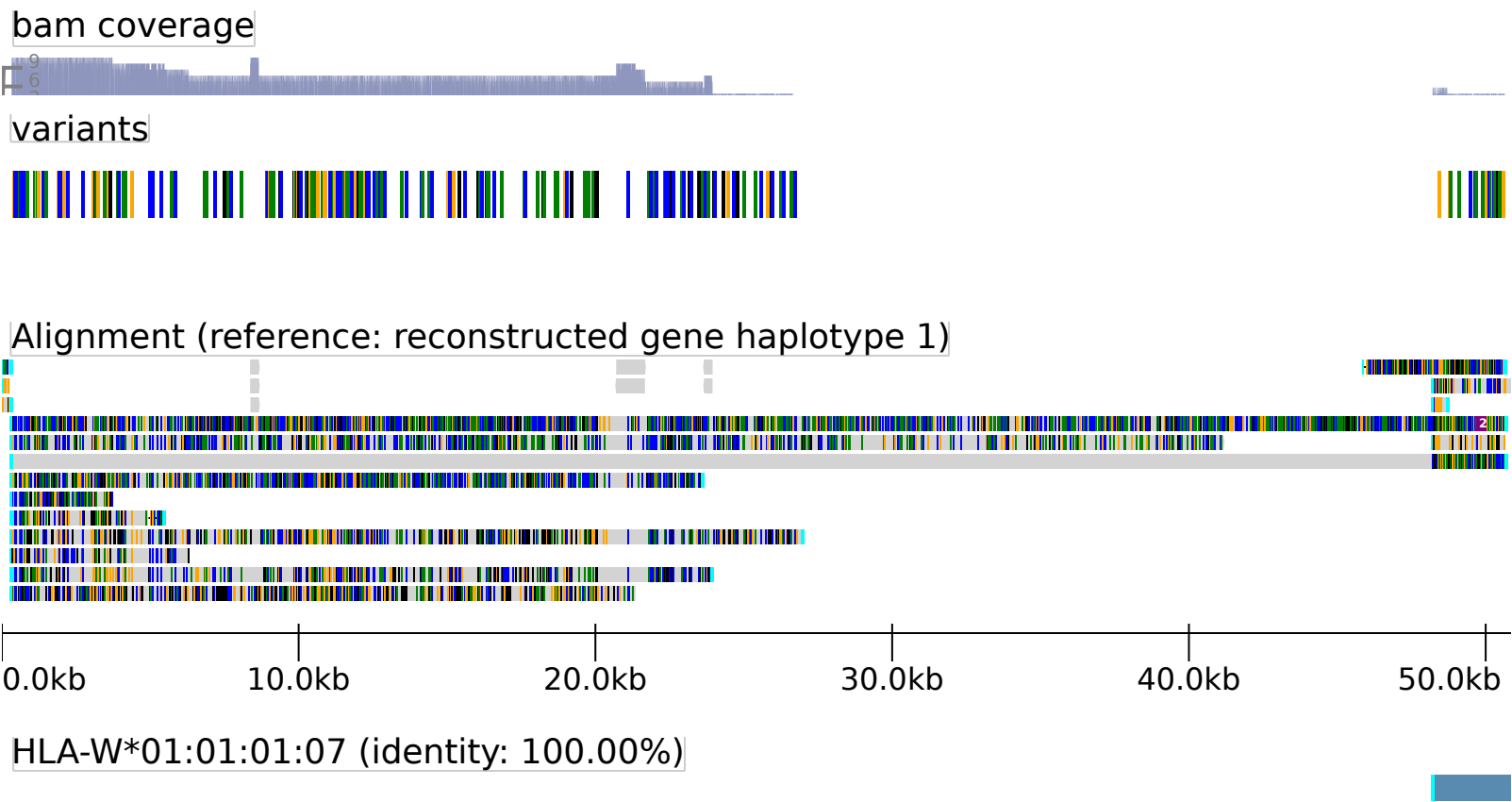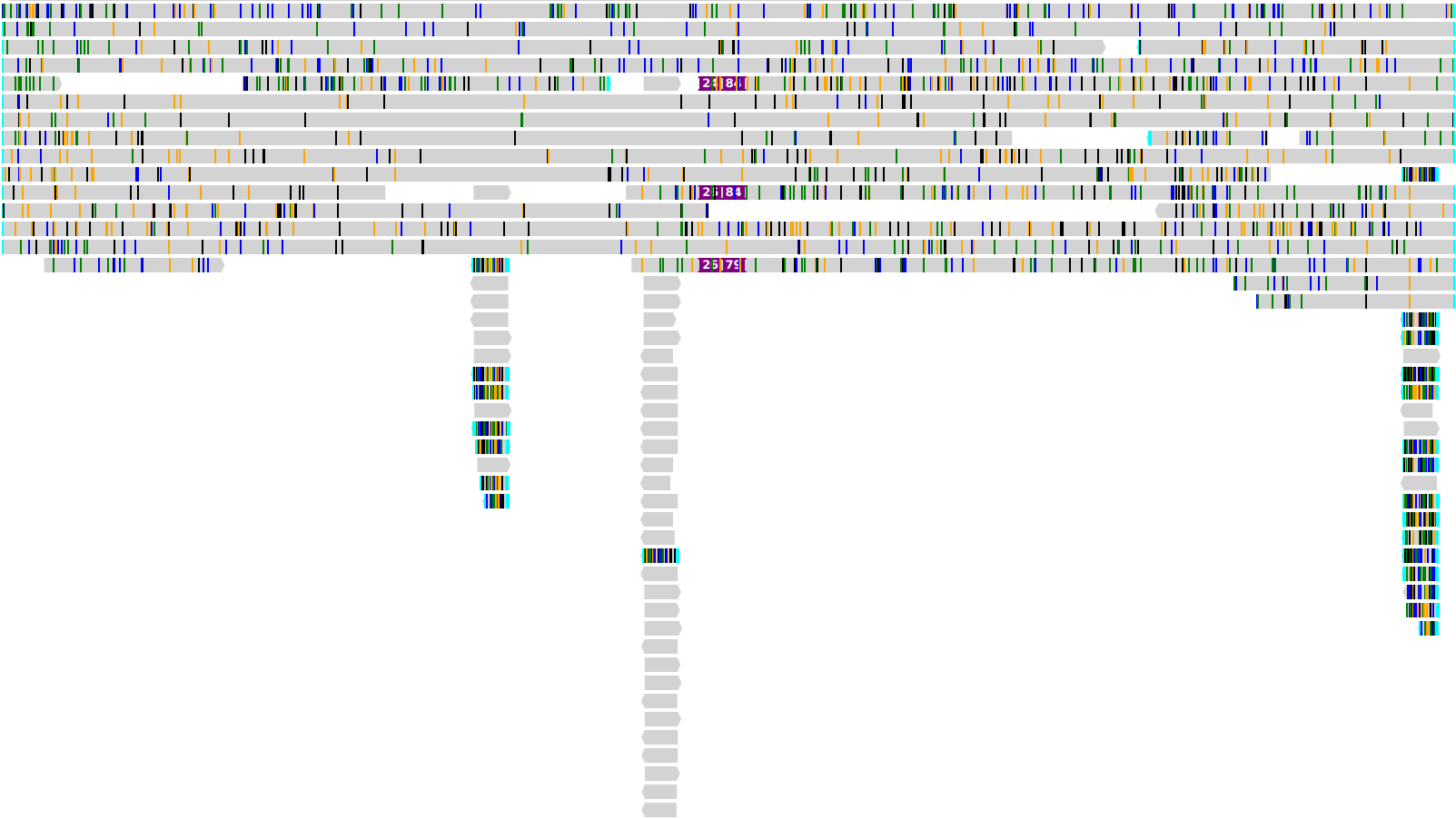HLA-V*01:01:01:04 (identity: 100.00%)
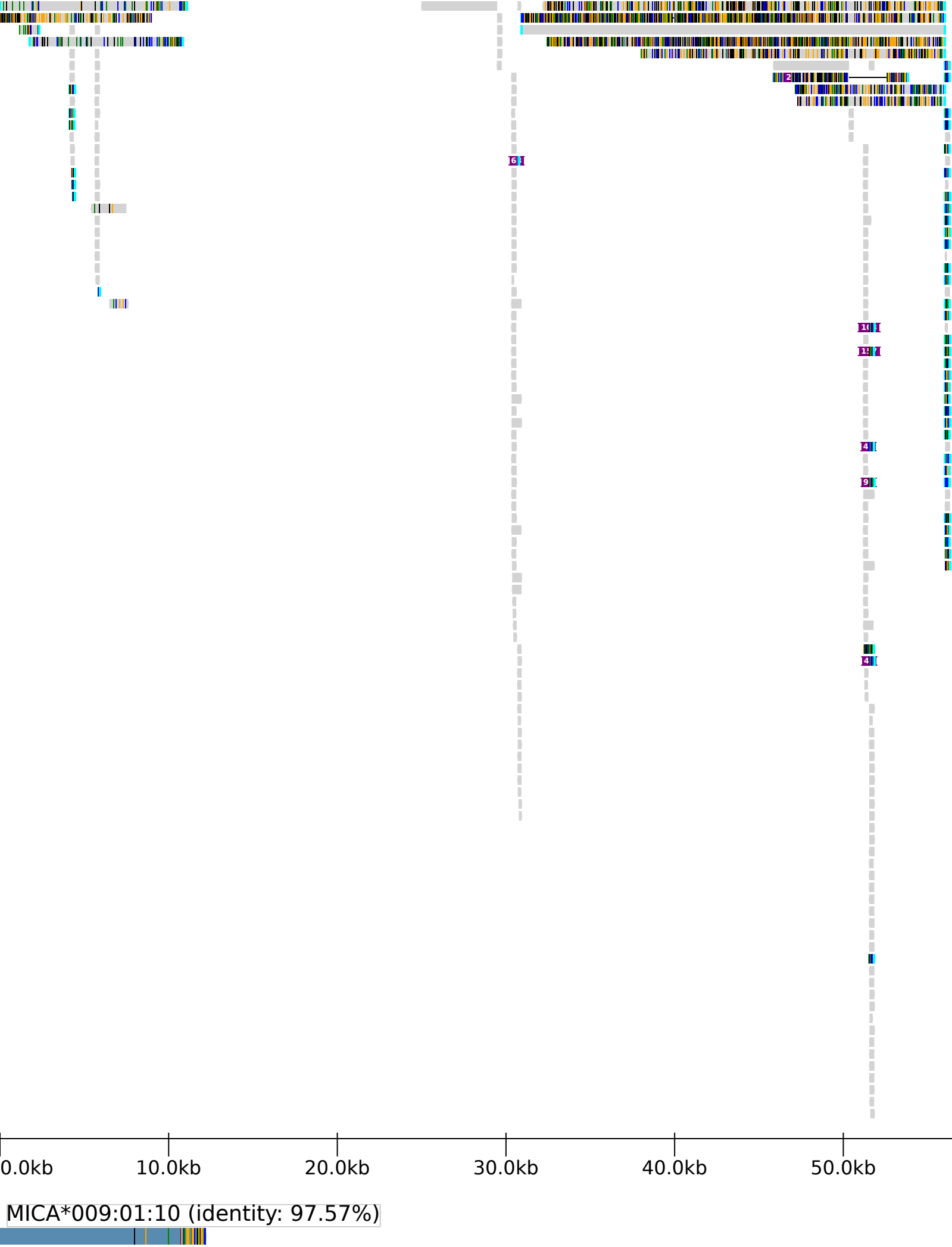
Sample: HG00418

Locus: HLA-W

Resolution: 4th field

Full typing result:

HLA-W*01:01:01:07

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

HLA-W*01:01:01:07 (identity: 100.00%)

Sample: **HG00418**

Locus: **MICA**

Resolution: **4th field**

Full typing result:

MICA*019:01:01

bam coverage

39
26
12

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*019:01:01 (identity: 99.96%)

Sample: HG00418

Locus: MICA

Resolution: 4th field

Full typing result:

MICA*009:01:10

bam coverage

46
30
15

variants

Alignment (reference: reconstructed gene haplotype 2)

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

MICA*009:01:10 (identity: 97.57%)

Sample: HG00418

Locus: MICB

Resolution: 4th field

Full typing result:

MICB*005:02:02

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
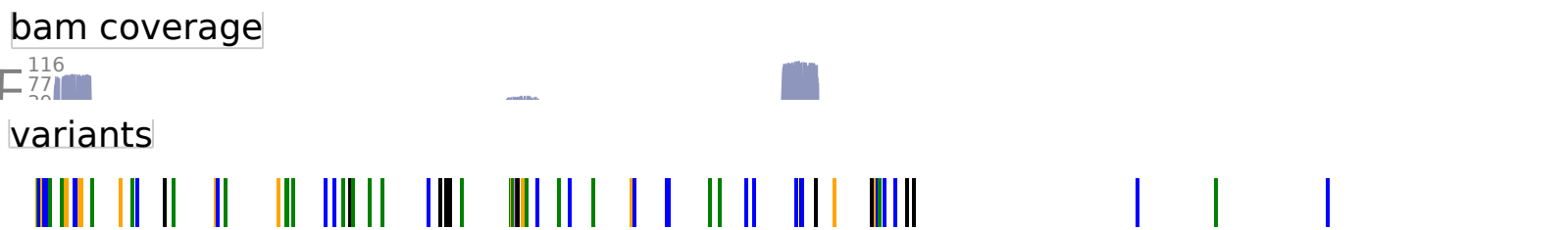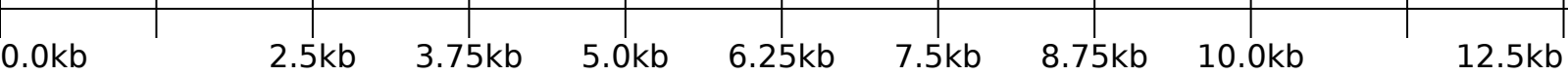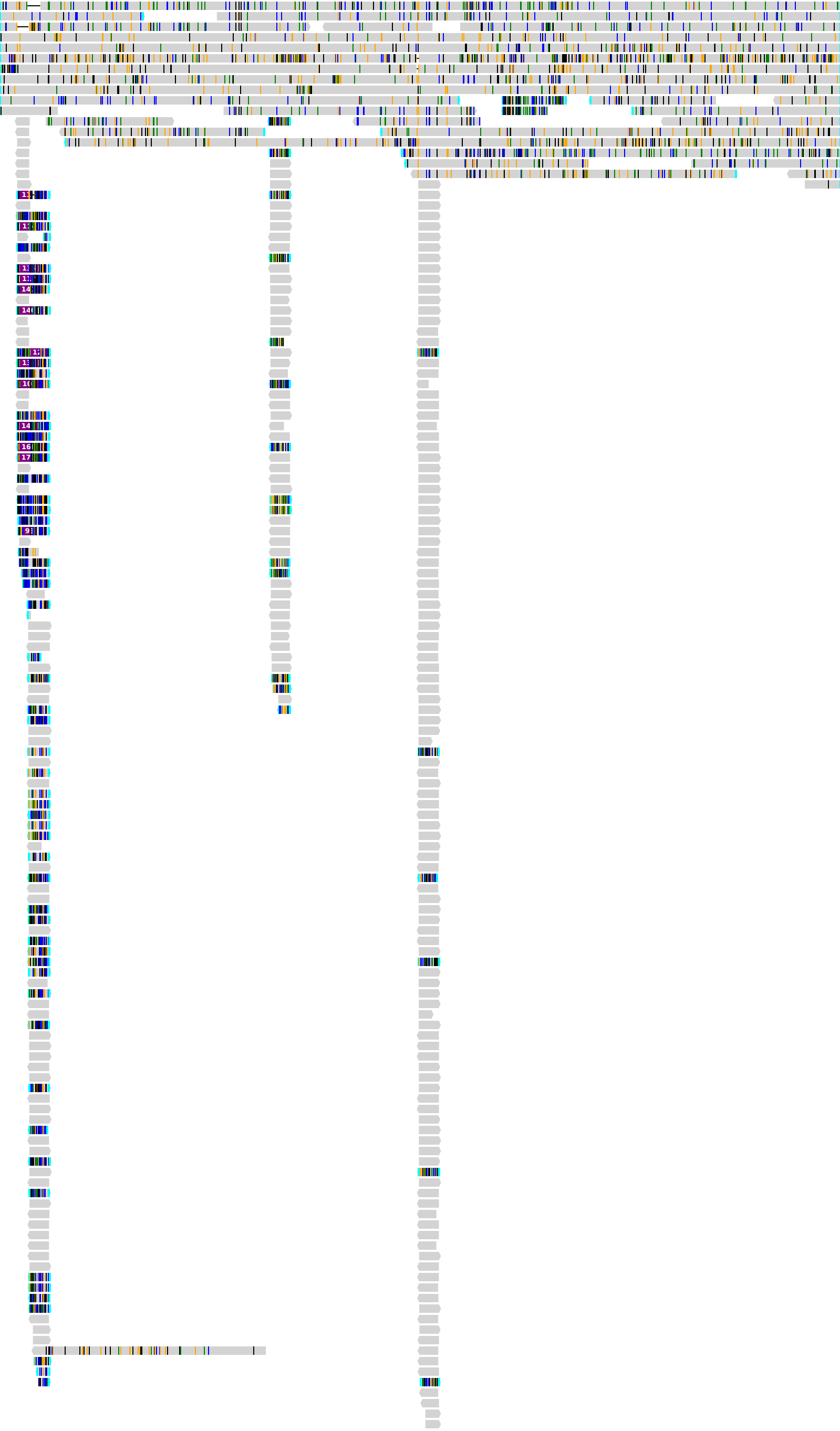
MICB*005:02:02 (identity: 99.84%)

Sample: HG00418

Locus: TAP1

Resolution: 4th field

Full typing result:

TAP1*01:01:01:05

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
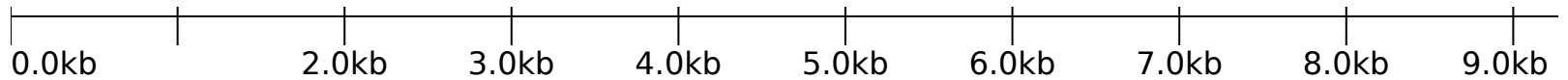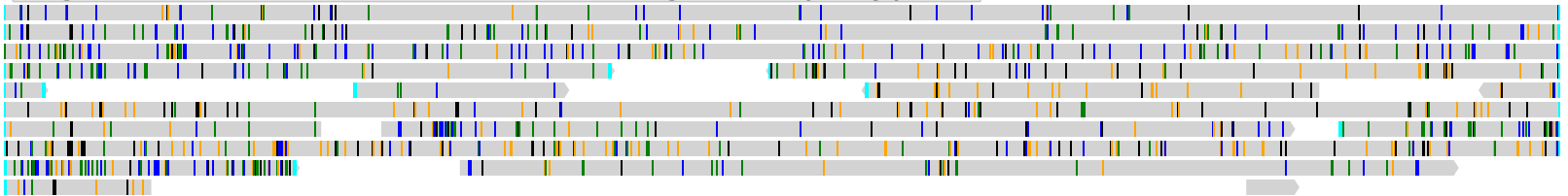
TAP1*01:01:01:05 (identity: 99.99%)

Sample: HG00418

Locus: TAP1

Resolution: 4th field

Full typing result:

TAP1*01:01:01:03

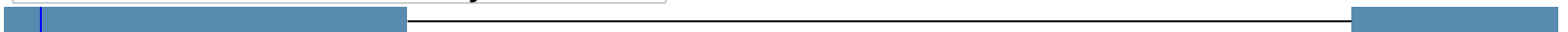bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

484

47

4798

0.0kb   5.0kb   7.5kb   10.0kb   12.5kb   15.0kb   17.5kb   20.0kb   22.5kb
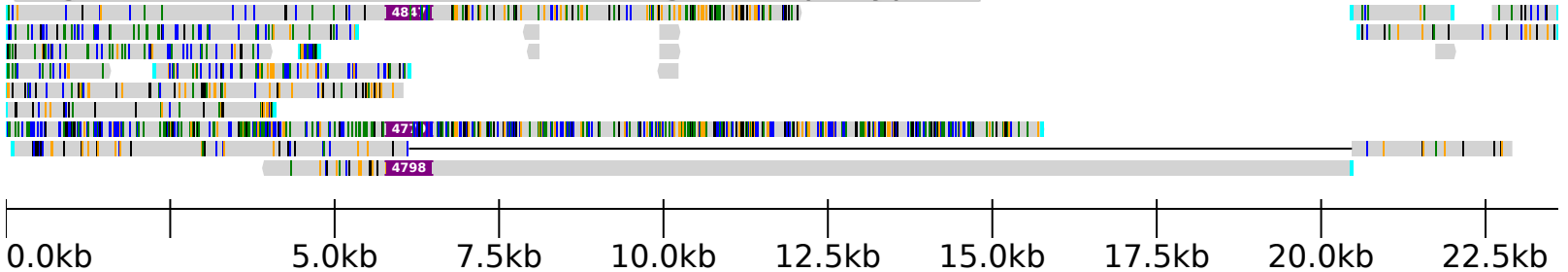
TAP1*01:01:01:03 (identity: -54.66%)

Sample: HG00418

Locus: **TAP2**

Resolution: **4th field**
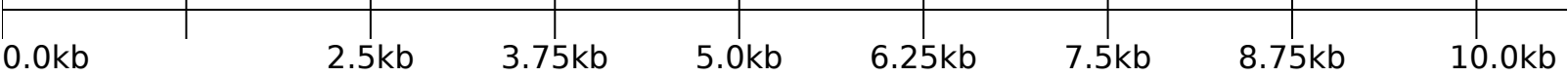
Full typing result:
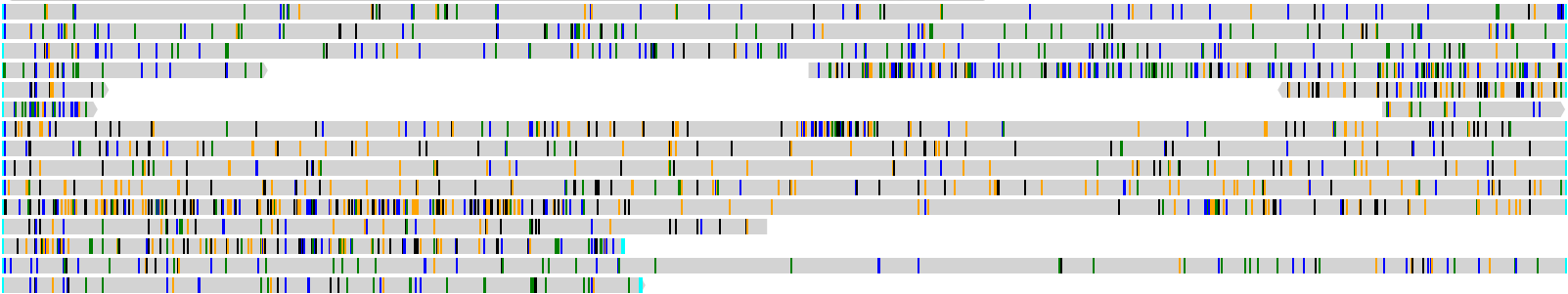
| TAP2*02:01:02:02 | TAP2*02:01:02:03 |

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 |

TAP2*02:01:02:02 (identity: 99.84%)

TAP2*02:01:02:03 (identity: 99.83%)

Sample: HG00418

Locus: TAP2

Resolution: 4th field

Full typing result:

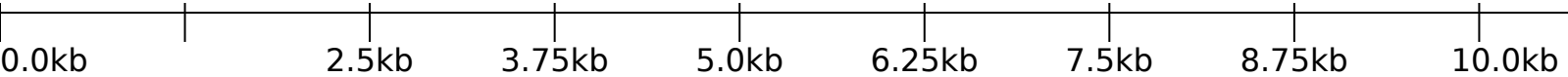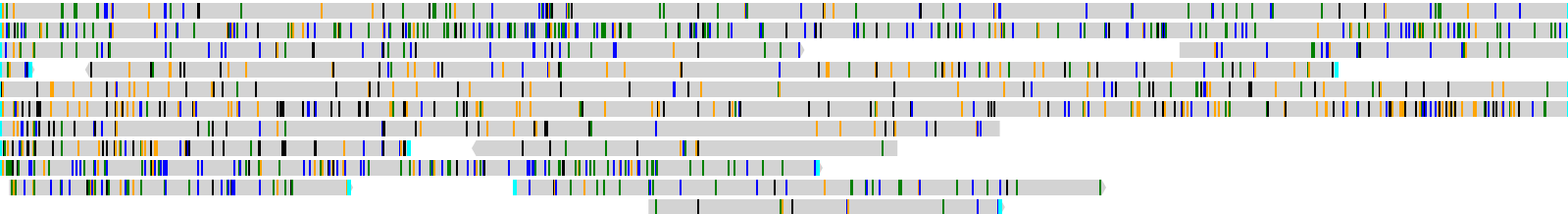TAP2*01:01:07:05   TAP2*01:01:02:01   TAP2*01:01:03:01

TAP2*01:01:03:02

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

TAP2*01:01:07:05 (identity: 99.79%)

TAP2*01:01:02:01 (identity: 99.77%)

TAP2*01:01:03:01 (identity: 99.76%)

TAP2*01:01:03:02 (identity: 99.75%)