Sample: HG01258

Locus: HLA-A

Resolution: 4th field

Full typing result:

HLA-A*03:01:01:01	HLA-A*03:01:01:03	HLA-A*03:01:01:08
HLA-A*03:01:01:16	HLA-A*03:01:01:72	HLA-A*03:01:01:89
HLA-A*03:01:01:91	HLA-A*03:01:05	HLA-A*03:01:100
HLA-A*03:01:105	HLA-A*03:01:11	HLA-A*03:01:127
HLA-A*03:01:15	HLA-A*03:01:17	HLA-A*03:01:39

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

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

HLA-A*03:01:01:01 (identity: 97.87%)

HLA-A*03:01:01:03 (identity: 97.87%)

HLA-A*03:01:01:08 (identity: 97.87%)

HLA-A*03:01:01:16 (identity: 97.87%)

HLA-A*03:01:01:72 (identity: 97.87%)

HLA-A*03:01:01:89 (identity: 97.87%)

HLA-A*03:01:01:91 (identity: 97.87%)

HLA-A*03:01:05 (identity: 97.87%)

HLA-A*03:01:100 (identity: 97.87%)

HLA-A*03:01:105 (identity: 97.87%)

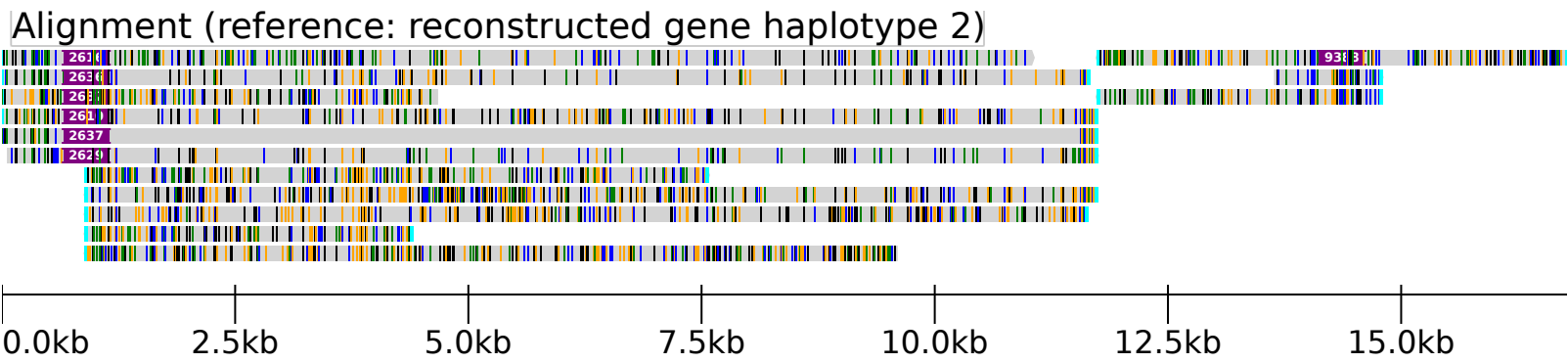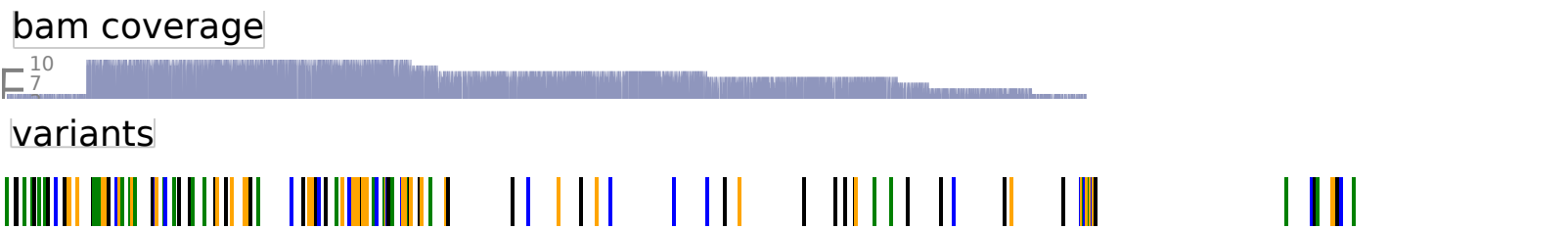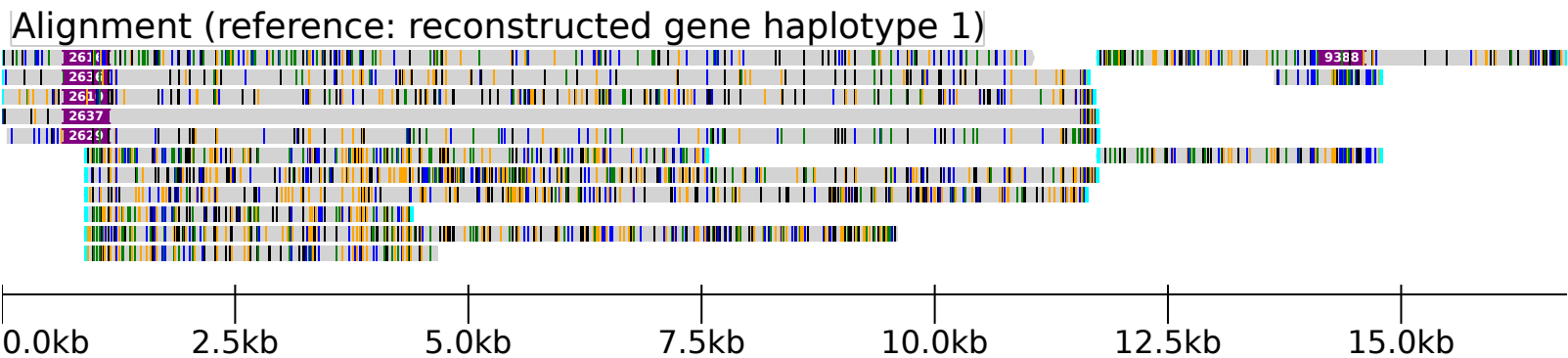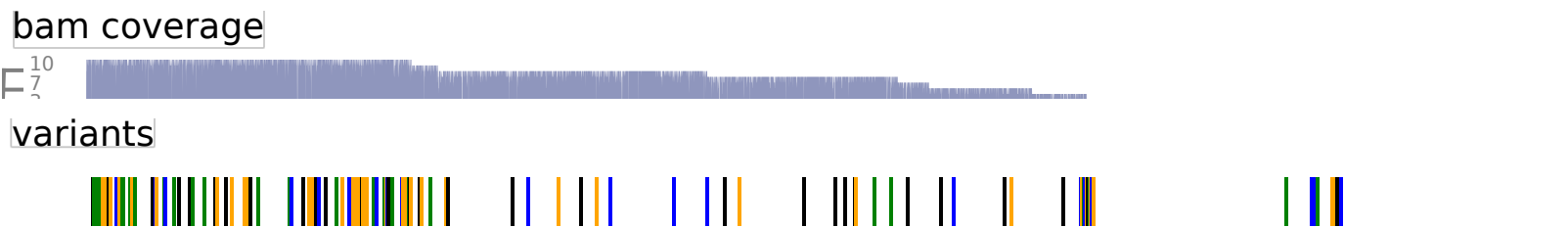*Sample:* HG01258

Locus: HLA-A

Resolution: 4th field

Full typing result:

HLA-A*02:01:01:01   HLA-A*02:01:01:07   HLA-A*02:01:01:110

HLA-A*02:01:01:173   HLA-A*02:01:01:198   HLA-A*02:01:01:20

HLA-A*02:01:01:206   HLA-A*02:01:01:209   HLA-A*02:01:01:210

HLA-A*02:01:01:211   HLA-A*02:01:01:22   HLA-A*02:01:01:245

HLA-A*02:01:01:247   HLA-A*02:01:01:254   HLA-A*02:01:01:35

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

HLA-A*02:01:01:07 (identity: 100.00%)

HLA-A*02:01:01:110 (identity: 100.00%)

HLA-A*02:01:01:173 (identity: 100.00%)

HLA-A*02:01:01:198 (identity: 100.00%)

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

HLA-A*02:01:01:206 (identity: 100.00%)

HLA-A*02:01:01:209 (identity: 100.00%)

HLA-A*02:01:01:210 (identity: 100.00%)

HLA-A*02:01:01:211 (identity: 100.00%)

Sample: HG01258

Locus: HLA-B

Resolution: 4th field

Full typing result:
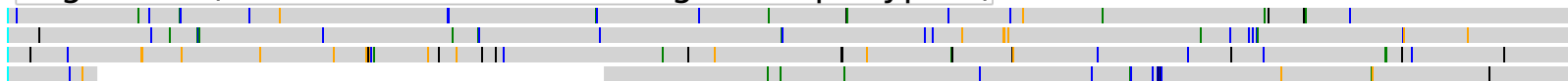
HLA-B*15:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb

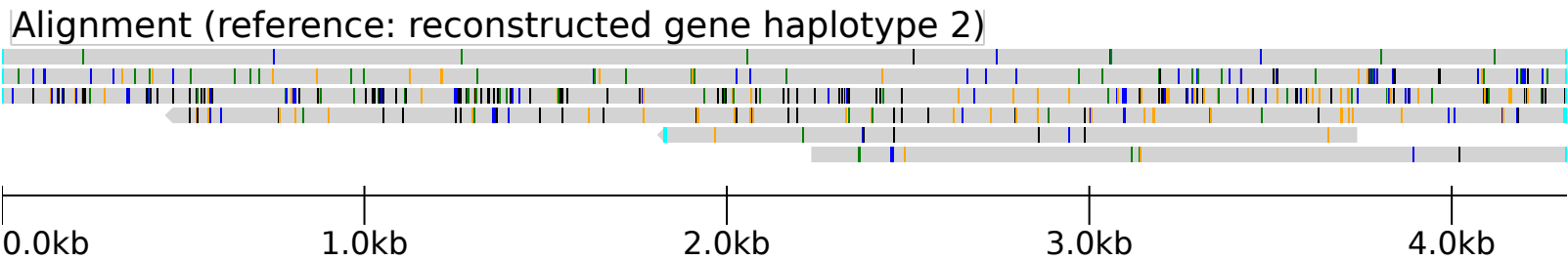HLA-B*15:01:01:01 (identity: 100.00%)

Sample: HG01258

Locus: HLA-B

Resolution: 4th field

Full typing result:

HLA-B*07:02:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb

HLA-B*07:02:01:01 (identity: 100.00%)

Sample: **HG01258**

Locus: **HLA-C**

Resolution: **4th field**

Full typing result:

| HLA-C*07:02:01:03 | HLA-C*07:02:01:01 | HLA-C*07:02:01:189 |

| HLA-C*07:02:01:19 | HLA-C*07:02:01:191 | HLA-C*07:02:01:192 |

| HLA-C*07:02:01:195 | HLA-C*07:02:01:196 | HLA-C*07:02:01:197 |

| HLA-C*07:02:16 |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb

HLA-C*07:02:01:03 (identity: 100.00%)

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

HLA-C*07:02:01:189 (identity: 99.98%)

HLA-C*07:02:01:19 (identity: 99.98%)

HLA-C*07:02:01:191 (identity: 99.98%)

HLA-C*07:02:01:192 (identity: 99.98%)

HLA-C*07:02:01:195 (identity: 99.98%)

HLA-C*07:02:01:196 (identity: 99.98%)

HLA-C*07:02:01:197 (identity: 99.98%)
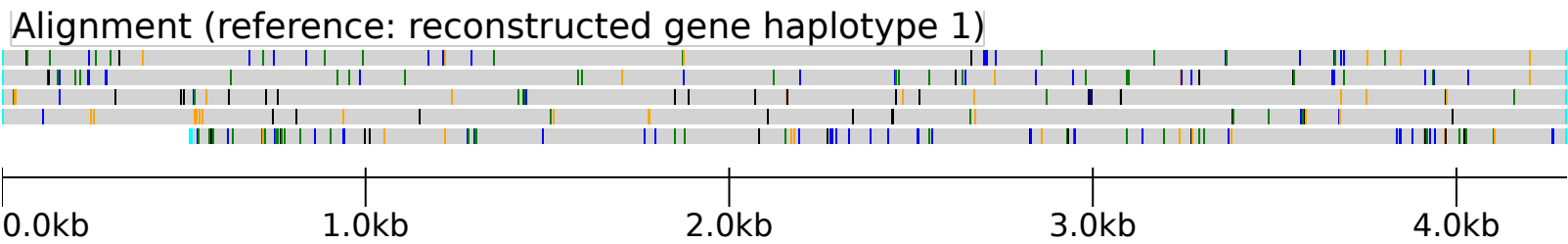
HLA-C*07:02:16 (identity: 99.98%)

Sample: **HG01258**

Locus: **HLA-C**

Resolution: **4th field**

Full typing result:

HLA-C*03:03:01:01   HLA-C*03:03:01:34   HLA-C*03:03:01:69

HLA-C*03:03:01:70   HLA-C*03:03:22   HLA-C*03:126

HLA-C*03:43:01   HLA-C*03:479   HLA-C*03:507

HLA-C*03:187

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb

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

HLA-C*03:03:01:34 (identity: 99.98%)

HLA-C*03:03:01:69 (identity: 99.98%)

HLA-C*03:03:01:70 (identity: 99.98%)

HLA-C*03:03:22 (identity: 99.98%)

HLA-C*03:126 (identity: 99.98%)

HLA-C*03:43:01 (identity: 99.98%)

HLA-C*03:479 (identity: 99.98%)

HLA-C*03:507 (identity: 99.98%)

HLA-C*03:187 (identity: 99.98%)

Sample: HG01258

Locus: HLA-DMA

Resolution: 4th field
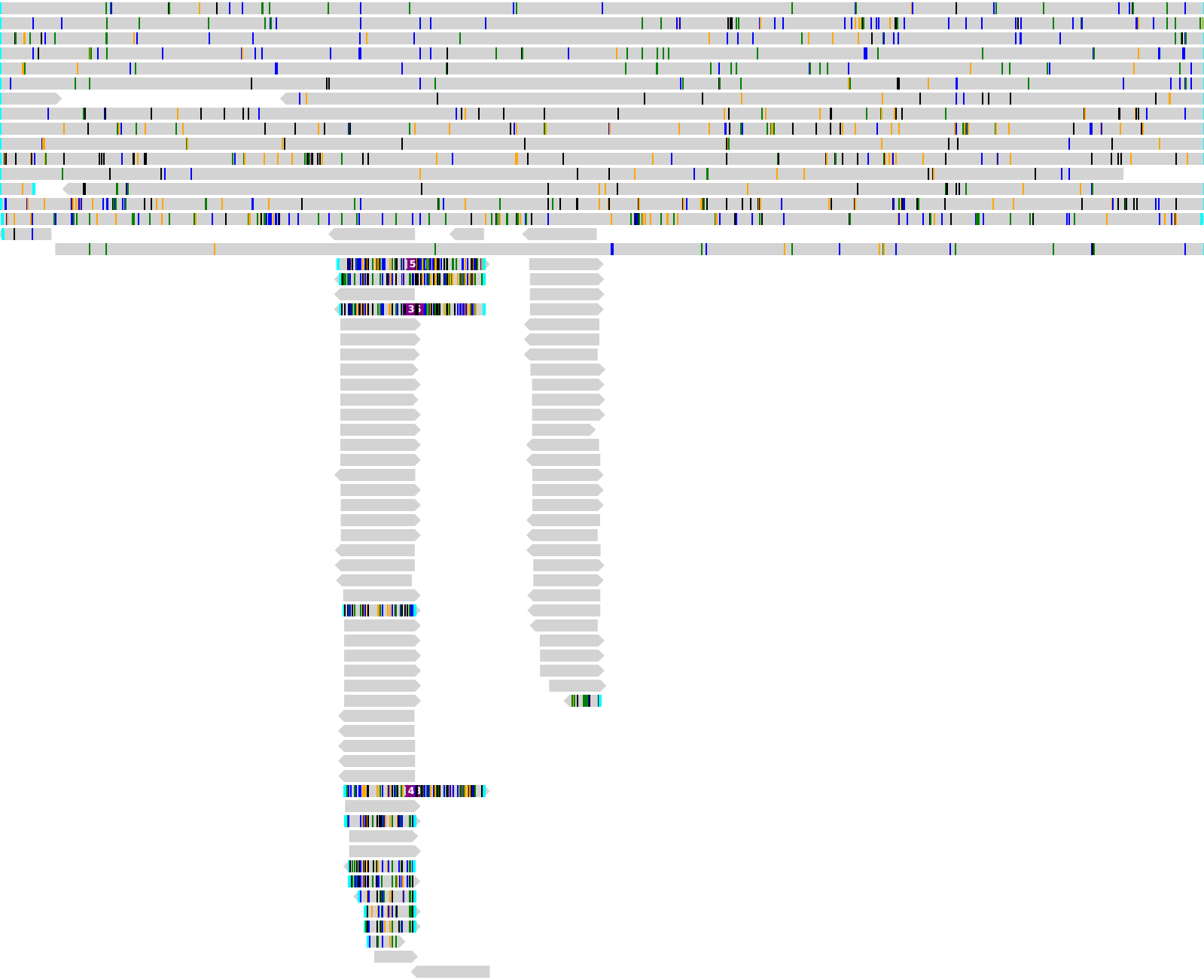
Full typing result:

HLA-DMA*01:01:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb   5.0kb
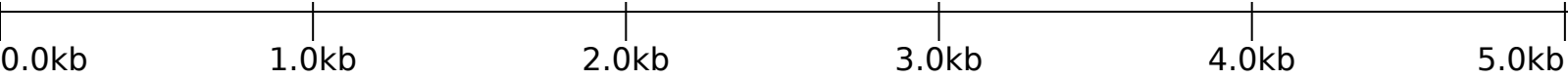
HLA-DMA*01:01:01:02 (identity: 100.00%)

Sample: **HG01258**

Locus: **HLA-DMB**

Resolution: **4th field**

Full typing result:

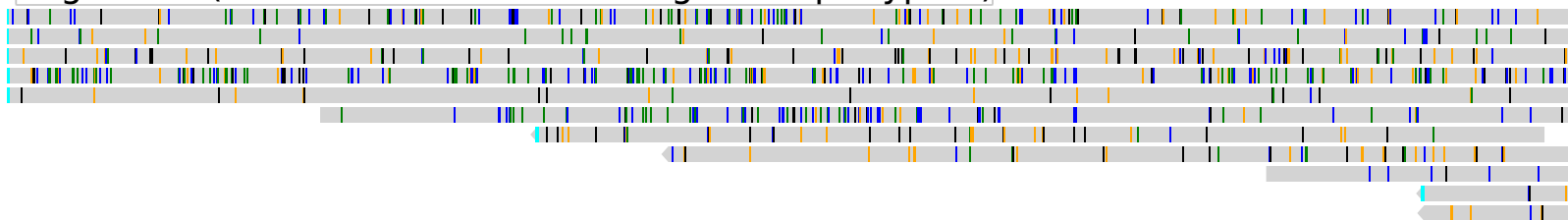| HLA-DMB*01:03:01:17 | | HLA-DMB*01:03:01:02 | | HLA-DMB*01:03:01:18 |

| 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
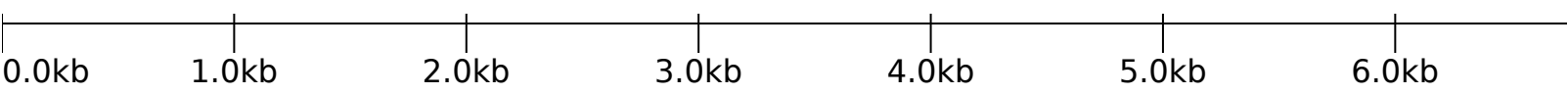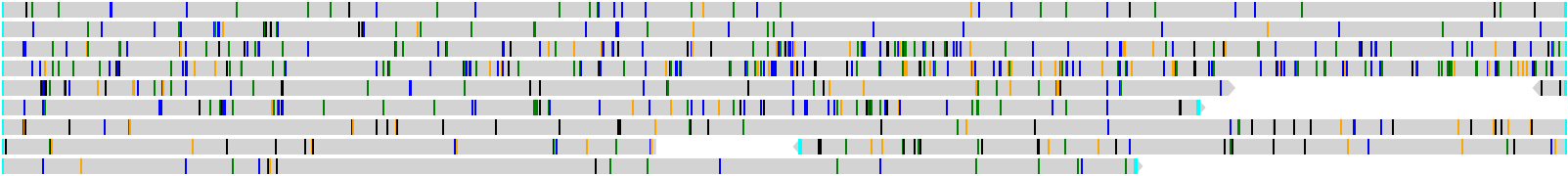
HLA-DMB*01:03:01:17 (identity: 99.99%)

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

HLA-DMB*01:03:01:18 (identity: 99.97%)

HLA-DMB*01:03:01:04 (identity: 99.96%)

Sample: HG01258

Locus: HLA-DMB

Resolution: 4th field

Full typing result:

HLA-DMB*01:01:01:03

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

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

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

Sample: **HG01258**

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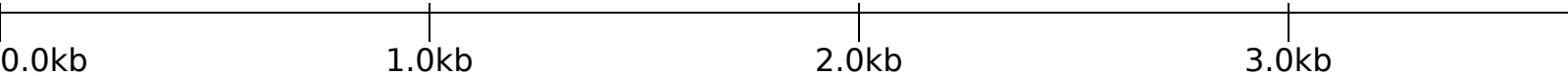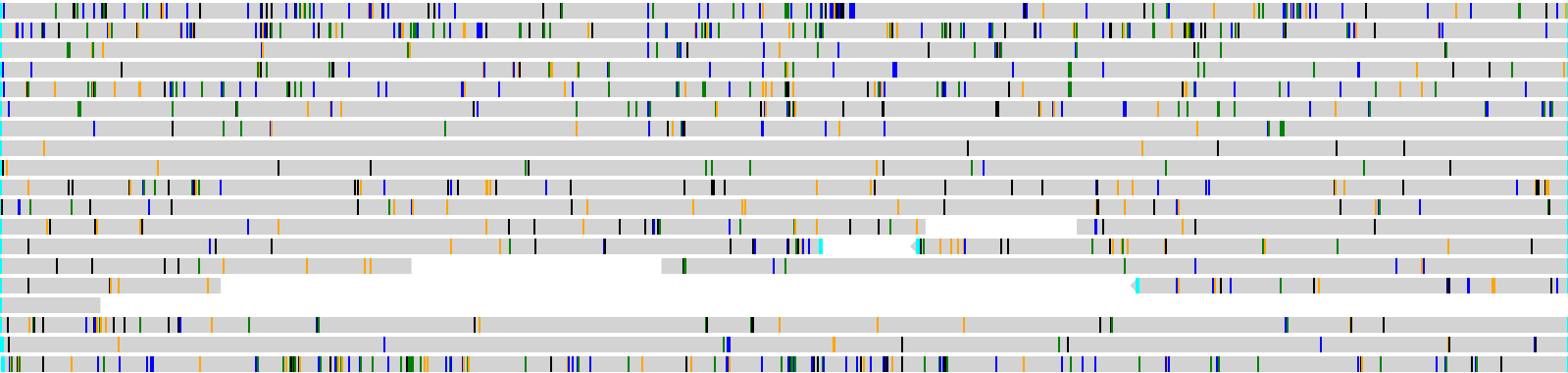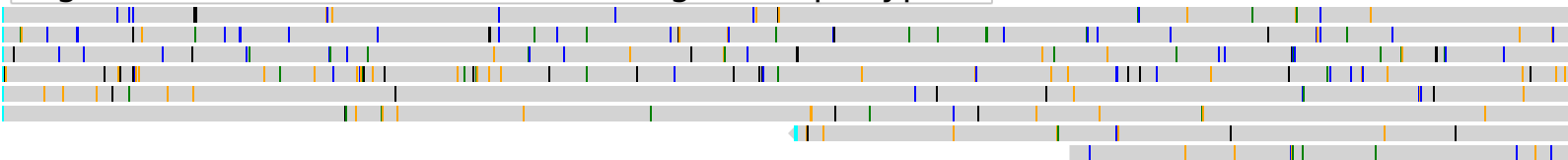
Resolution: **4th field**

Full typing result:

HLA-DOA*01:01:04:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: HG01258

Locus: HLA-DOB

Resolution: 4th field

Full typing result:

HLA-DOB*01:01:01:04

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb

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

Sample: **HG01258**

Locus: **HLA-DOB**

Resolution: **4th field**

Full typing result:

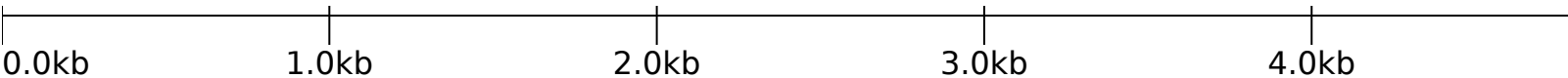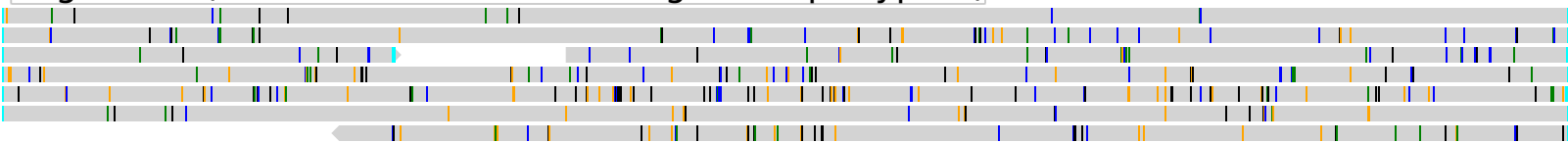HLA-DOB*01:01:03:09   HLA-DOB*01:01:03:02   HLA-DOB*01:01:01:28

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb

HLA-DOB*01:01:03:09 (identity: 100.00%)

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

HLA-DOB*01:01:01:28 (identity: 99.98%)

Sample: HG01258

Locus: HLA-DPA1

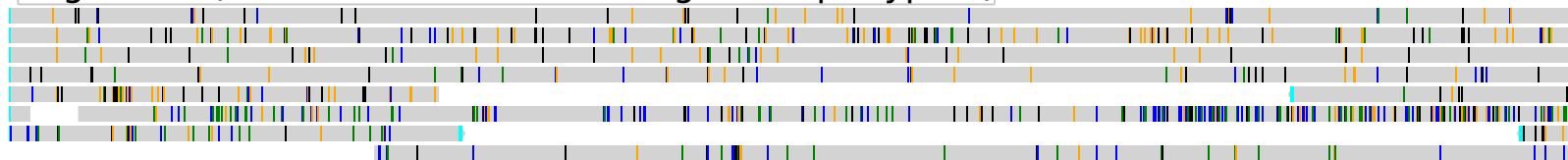## Resolution: 4th field

Full typing result:

HLA-DPA1*01:03:01:02

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   9.0kb
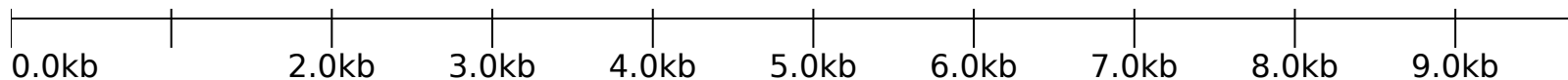
HLA-DPA1*01:03:01:02 (identity: 100.00%)

Sample: **HG01258**

Locus: **HLA-DPA1**

Resolution: **4th field**

Full typing result:

HLA-DPA1*01:03:01:05   HLA-DPA1*01:03:01:15   HLA-DPA1*01:03:01:74

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
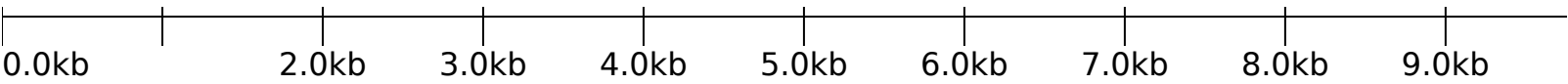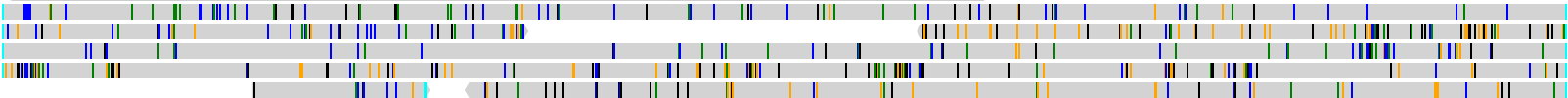
HLA-DPA1*01:03:01:05 (identity: 100.00%)

HLA-DPA1*01:03:01:15 (identity: 99.99%)

HLA-DPA1*01:03:01:74 (identity: 99.99%)

Sample: HG01258

Locus: HLA-DPA2

Resolution: 4th field
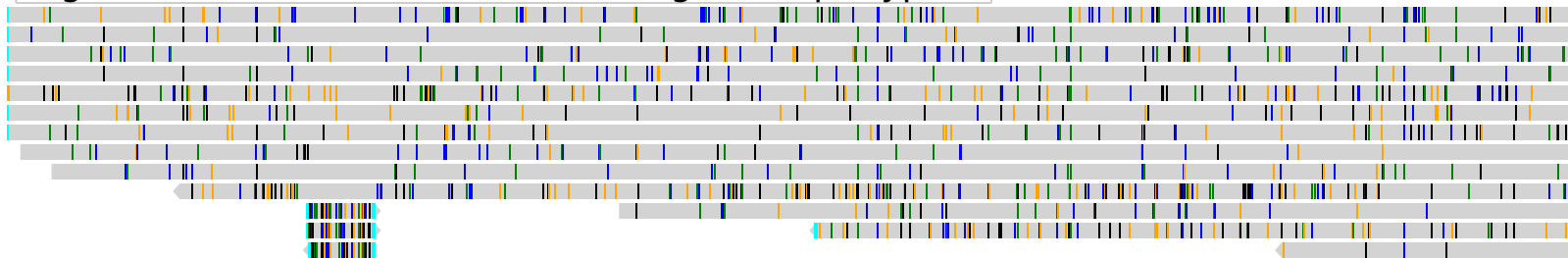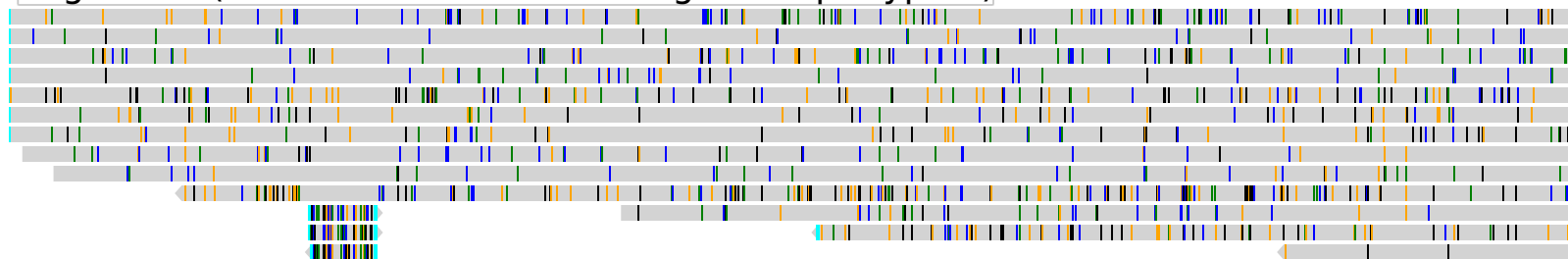
Full typing result:

HLA-DPA2*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

HLA-DPA2*01:01:01:01 (identity: 99.99%)

Sample: **HG01258**

Locus: **HLA-DPA2**

Resolution: **4th field**

Full typing result:

HLA-DPA2*01:01:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

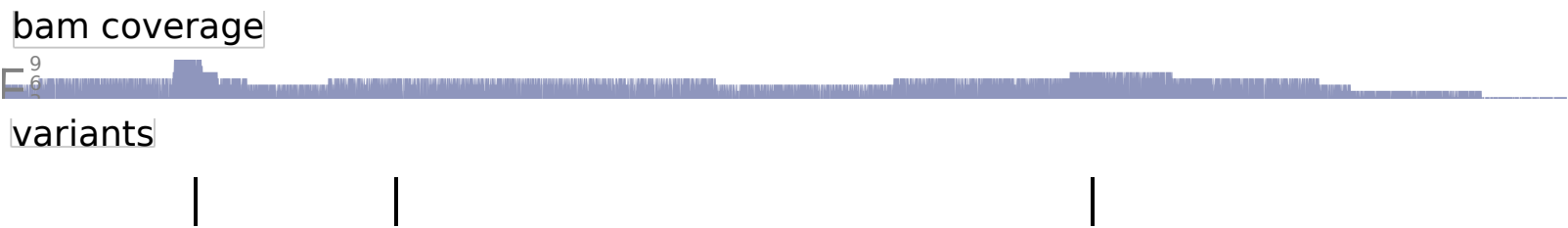| 0.0kb | 1.0kb | 2.0kb | 3.0kb | 4.0kb | 5.0kb | 6.0kb |

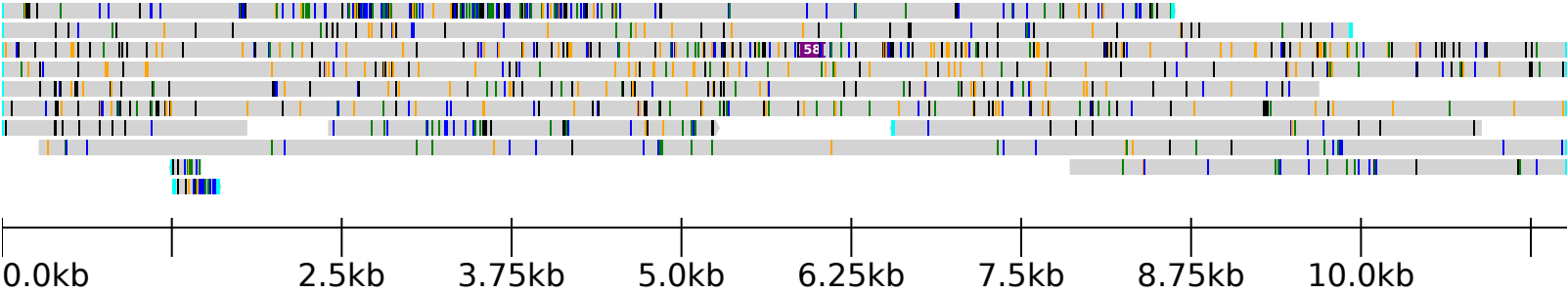HLA-DPA2*01:01:01:02 (identity: 100.00%)

Sample: HG01258

Locus: HLA-DPB1

Resolution: 4th field

Full typing result:

HLA-DPB1*04:02:01:02	HLA-DPB1*04:02:01:03	HLA-DPB1*04:02:01:04
HLA-DPB1*04:02:01:05	HLA-DPB1*04:02:01:07	HLA-DPB1*04:02:01:09
HLA-DPB1*04:02:01:11	HLA-DPB1*04:02:01:14	HLA-DPB1*04:02:01:15
HLA-DPB1*04:02:01:18	HLA-DPB1*04:02:01:21	HLA-DPB1*04:02:01:22
HLA-DPB1*04:02:01:24	HLA-DPB1*04:02:01:25	HLA-DPB1*04:02:01:26

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*04:02:01:02 (identity: 100.00%)

HLA-DPB1*04:02:01:03 (identity: 99.99%)

HLA-DPB1*04:02:01:04 (identity: 99.99%)

HLA-DPB1*04:02:01:05 (identity: 99.99%)

HLA-DPB1*04:02:01:07 (identity: 99.99%)

HLA-DPB1*04:02:01:09 (identity: 99.99%)

HLA-DPB1*04:02:01:11 (identity: 99.99%)

HLA-DPB1*04:02:01:14 (identity: 99.99%)

HLA-DPB1*04:02:01:15 (identity: 99.95%)

HLA-DPB1*04:02:01:18 (identity: 99.99%)

Sample: **HG01258**

Locus: **HLA-DPB1**

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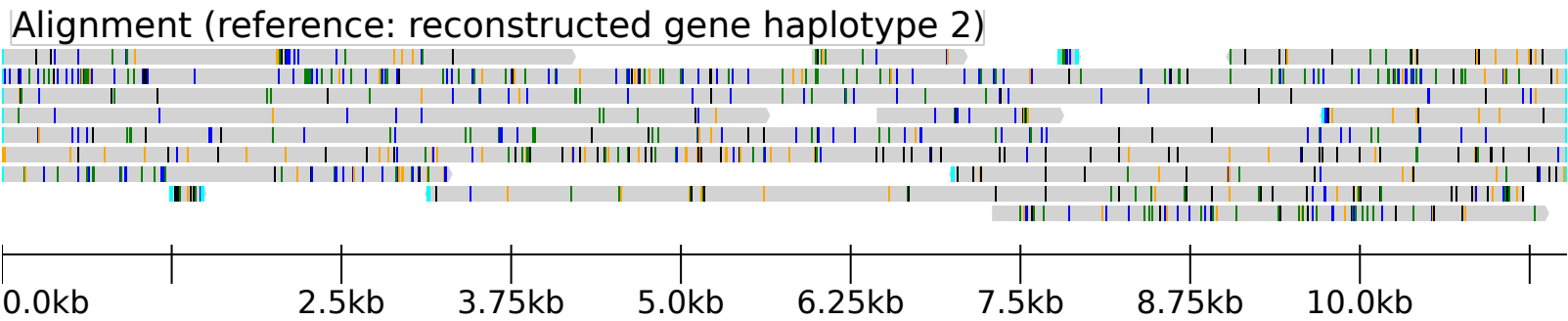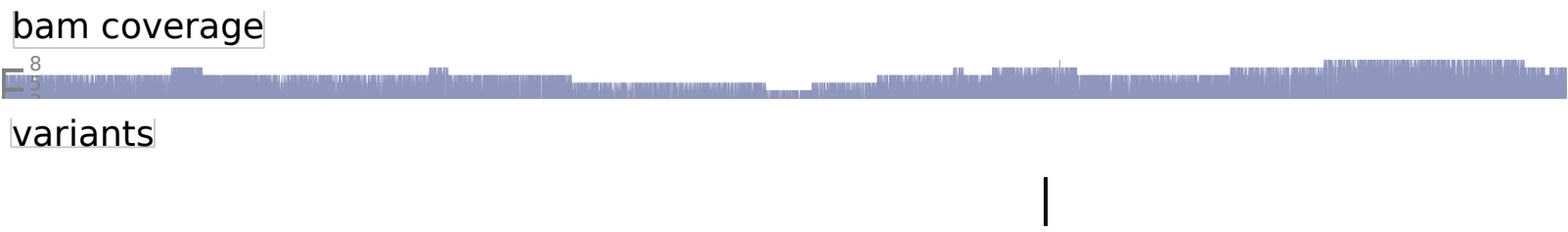
Full typing result:

| HLA-DPB1*04:01:01:01 | HLA-DPB1*04:01:01:15 | HLA-DPB1*04:01:60:01 |

| HLA-DPB1*666:01 | 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 |

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*04:01:01:01 (identity: 99.99%)

HLA-DPB1*04:01:01:15 (identity: 99.97%)

HLA-DPB1*04:01:60:01 (identity: 99.99%)

HLA-DPB1*666:01 (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%)

Sample: HG01258

Locus: HLA-DPB2

Resolution: 4th field

Full typing result:
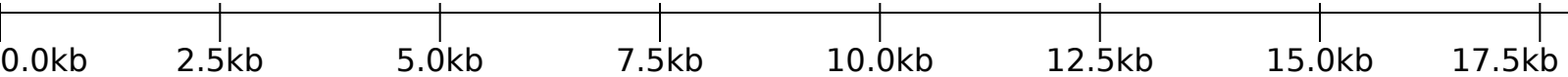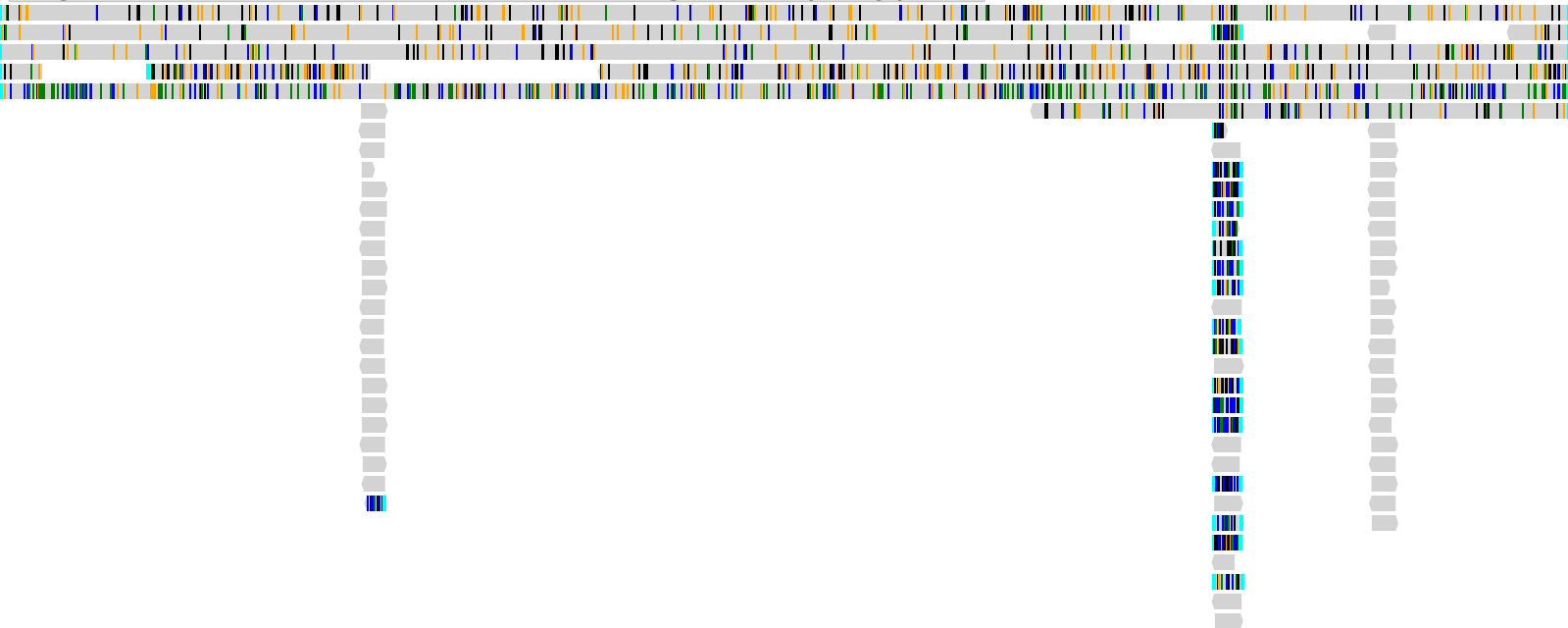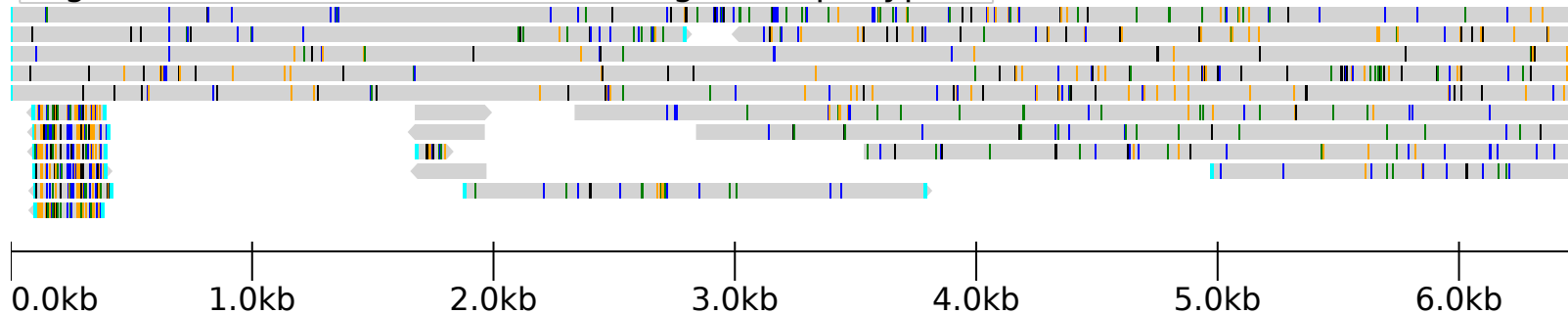
HLA-DPB2*03:01:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

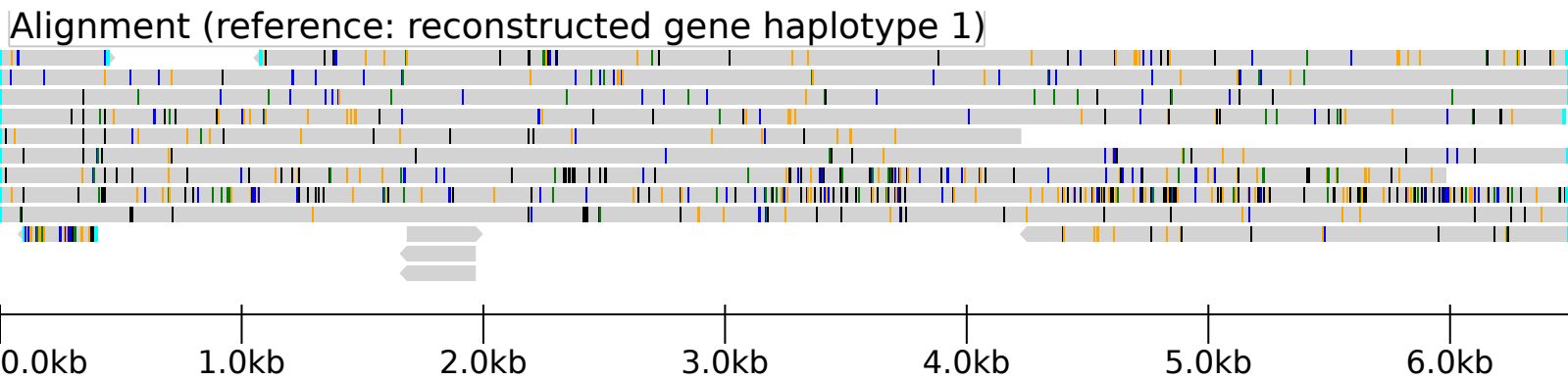HLA-DPB2*03:01:01:02 (identity: 99.96%)
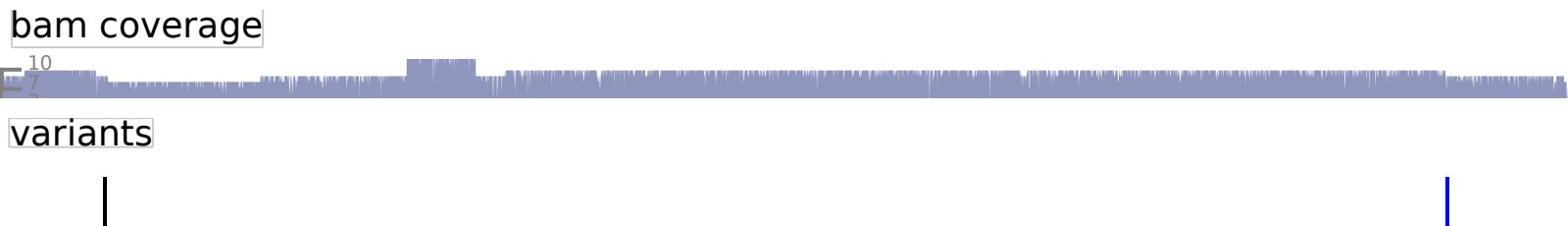
Sample: HG01258

Locus: HLA-DPB2

Resolution: 4th field

Full typing result:

HLA-DPB2*03:01:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

HLA-DPB2*03:01:01:02 (identity: 99.96%)

Sample: HG01258

Locus: HLA-DQA1

Resolution: 4th field

Full typing result:

HLA-DQA1*01:05:01:01

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*01:05:01:01 (identity: 99.98%)

Sample: HG01258

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: HG01258

Locus: HLA-DQA2

Resolution: 4th field

Full typing result:

HLA-DQA2*01:01:01:02

bam coverage

16
11

variants

Alignment (reference: reconstructed gene haplotype 2)

2946
2918
2945
28

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

HLA-DQA2*01:01:01:02 (identity: 99.79%)

Sample: HG01258

Locus: HLA-DQA2

Resolution: 4th field

Full typing result:

HLA-DQA2*01:01:02:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb 2.0kb 3.0kb 4.0kb 5.0kb 6.0kb 7.0kb 8.0kb 9.0kb
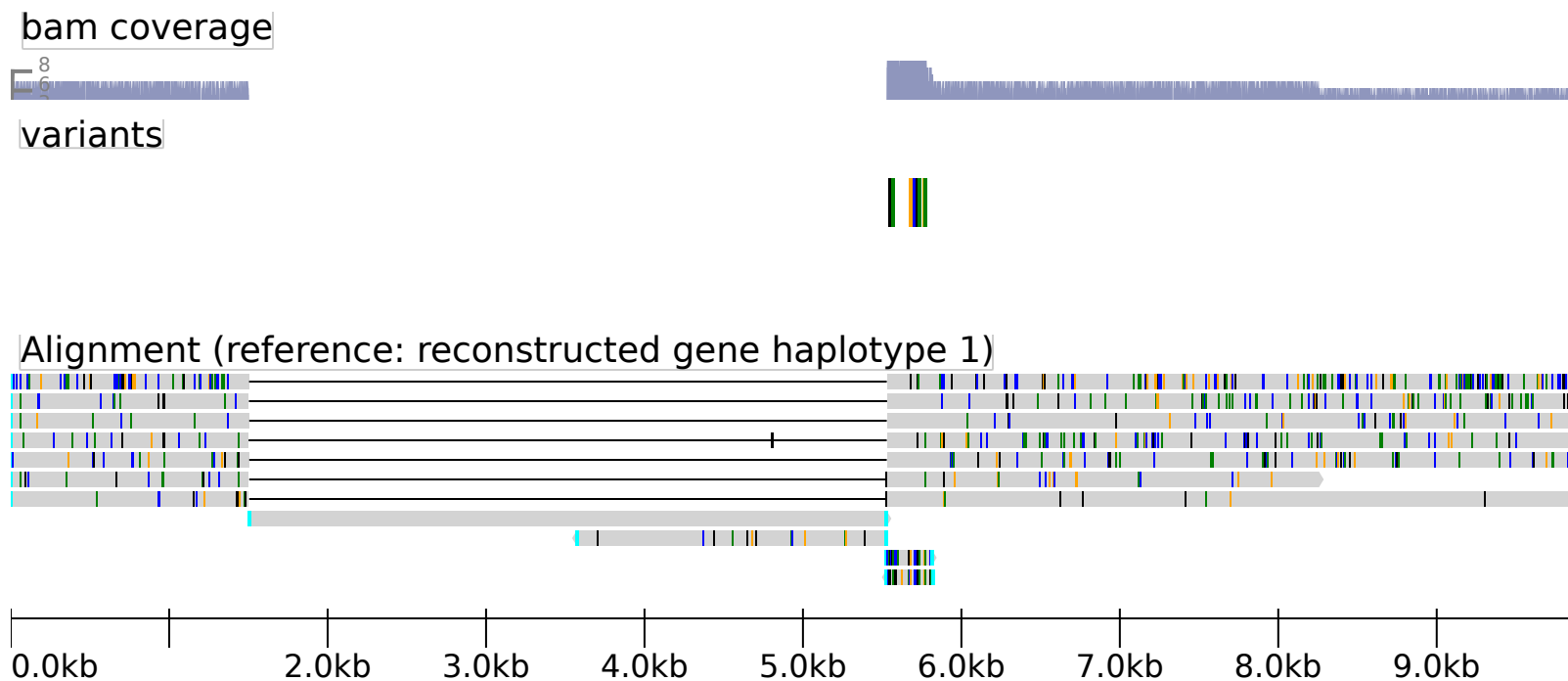
HLA-DQA2*01:01:02:01 (identity: 31.26%)
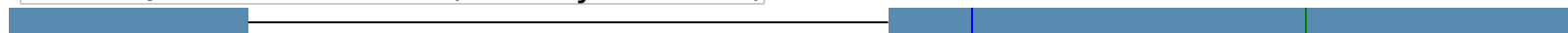
Sample: **HG01258**

Locus: **HLA-DQB1**

Resolution: **4th field**

Full typing result:

HLA-DQB1*06:03:01:01

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
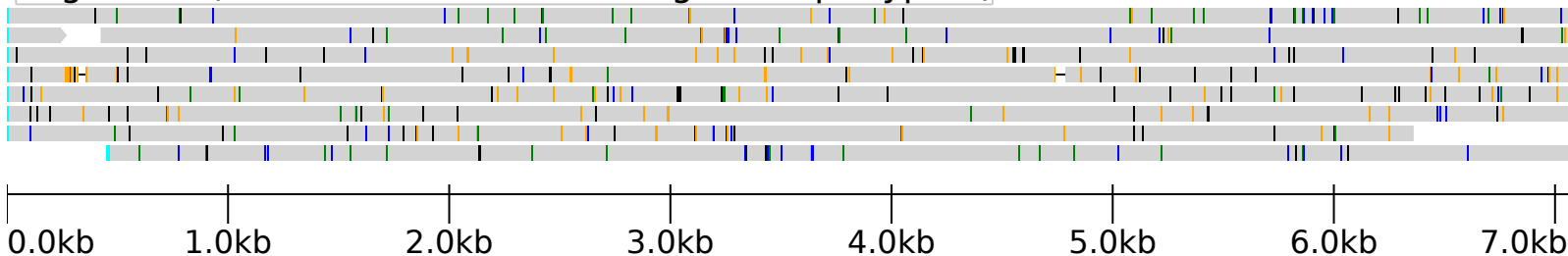
HLA-DQB1*06:03:01:01 (identity: 100.00%)

Sample: HG01258

Locus: HLA-DQB1

Resolution: 4th field

Full typing result:

HLA-DQB1*05:01:01:05
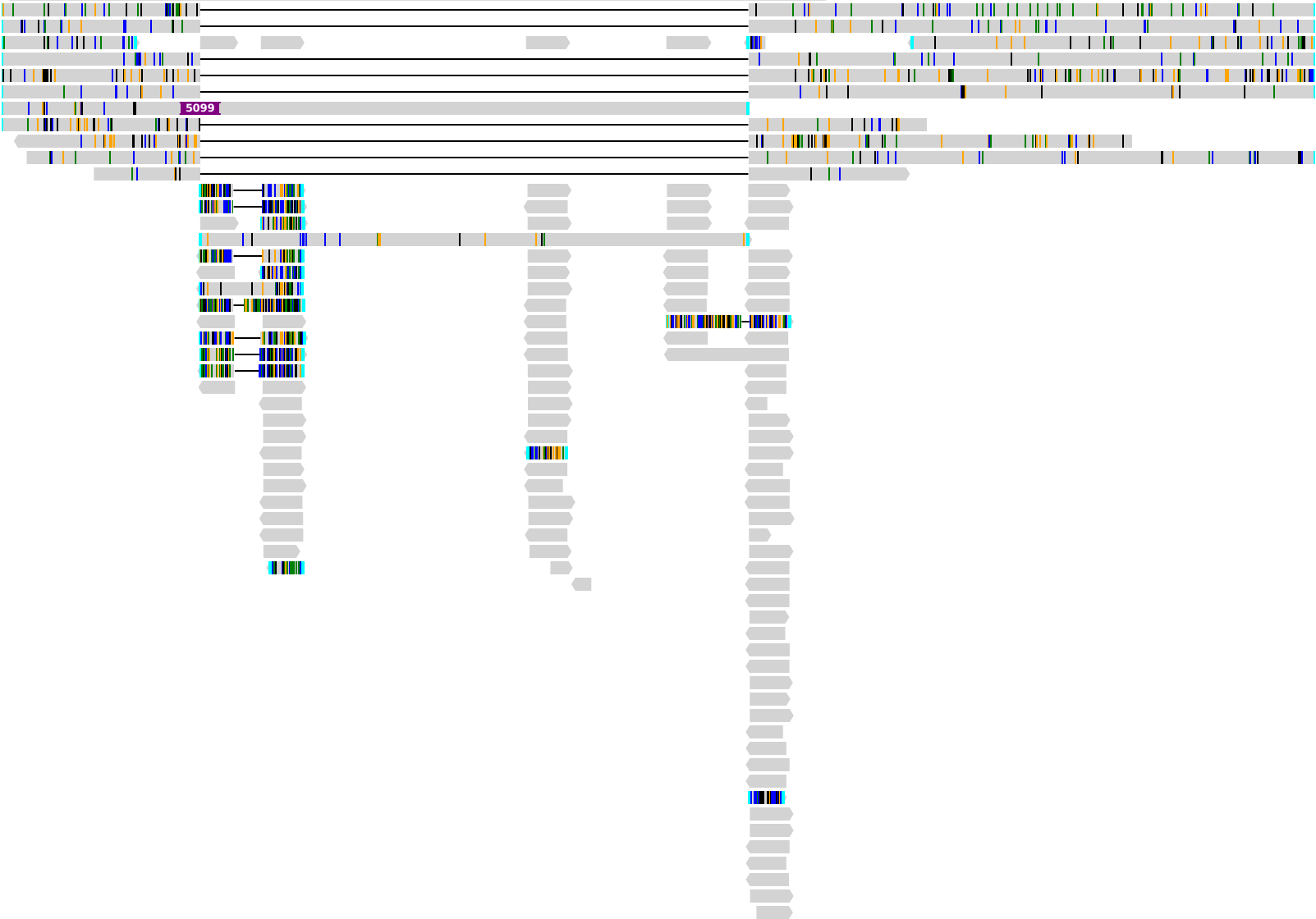
bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb   5.0kb   6.0kb   7.0kb
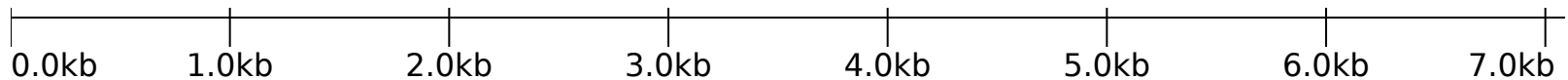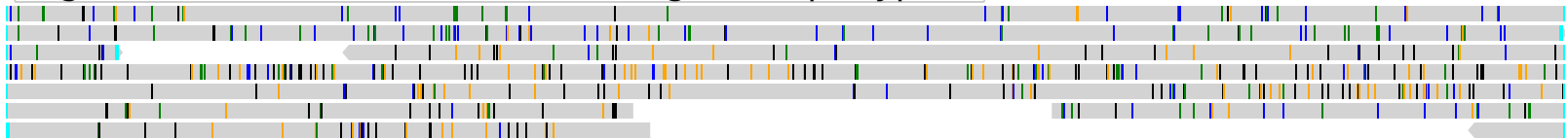
HLA-DQB1*05:01:01:05 (identity: 100.00%)

Sample: HG01258

Locus: HLA-DQB2

Resolution: 4th field

Full typing result:

HLA-DQB2*01:01:01:01   HLA-DQB2*01:01:01:15
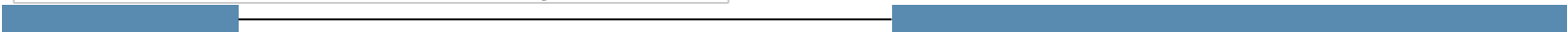
bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb   4.0kb   5.0kb   6.0kb   7.0kb
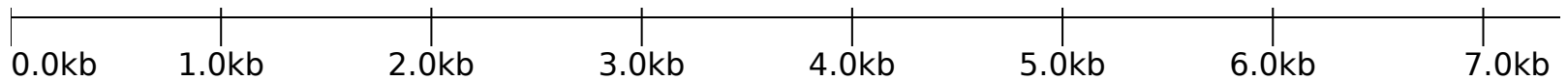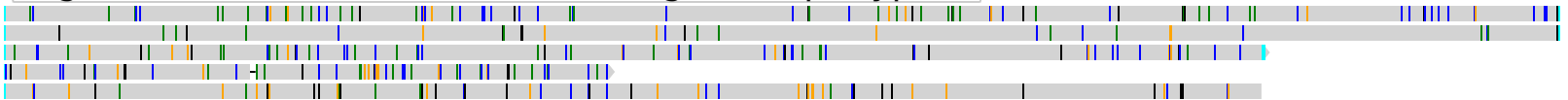
HLA-DQB2*01:01:01:01 (identity: 99.99%)

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

Sample: HG01258

Locus: HLA-DQB2

Resolution: 4th field

Full typing result:

HLA-DQB2*01:02:02:01

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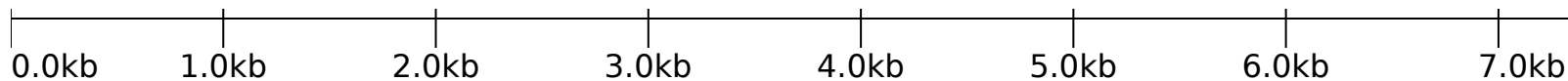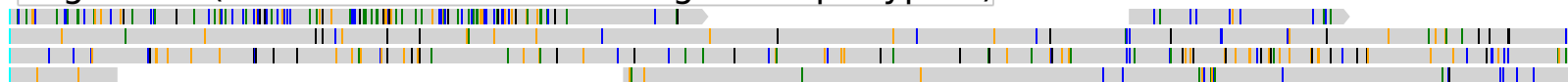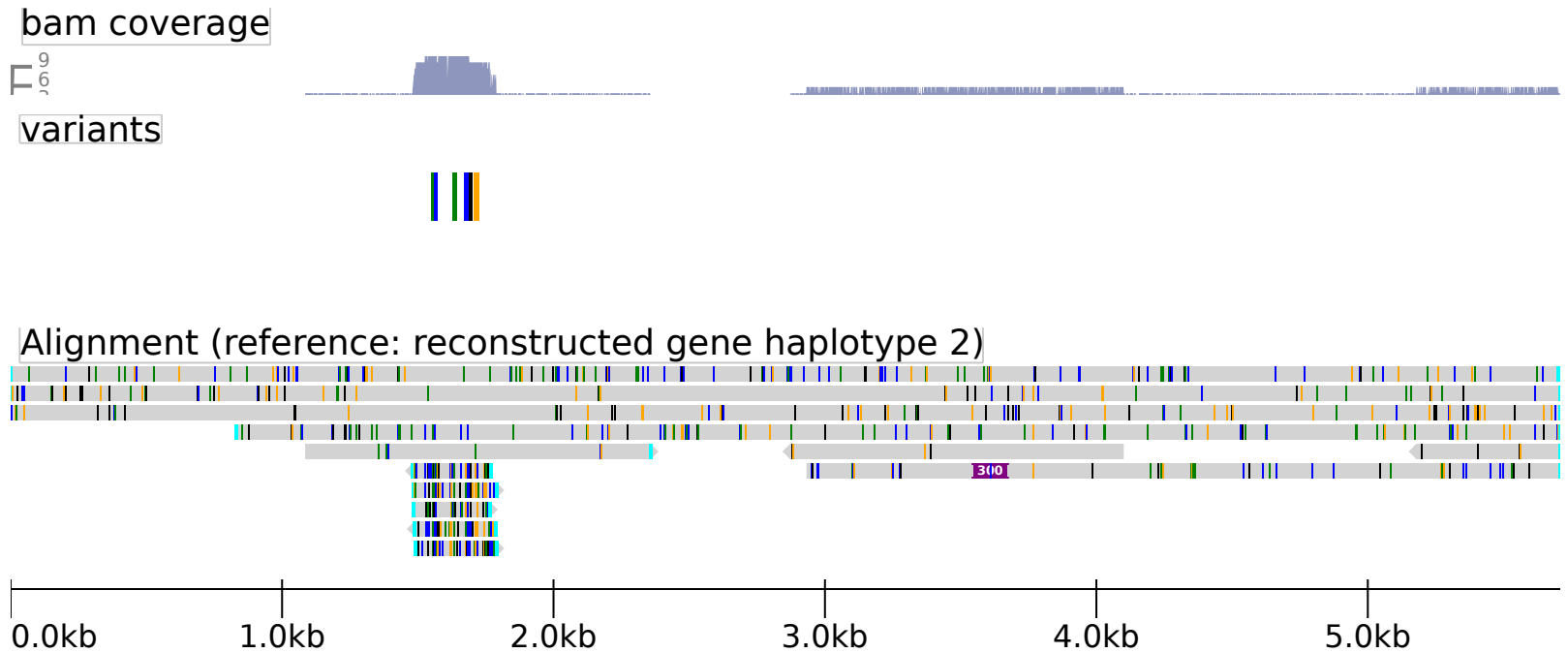
HLA-DQB2*01:02:02:01 (identity: 100.00%)

Sample: **HG01258**

Locus: **HLA-DRA**

Resolution: **4th field**

Full typing result:

HLA-DRA*01:01:01:07

bam coverage

46
31
15

variants

Alignment (reference: reconstructed gene haplotype 1)

5099

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

HLA-DRA*01:01:01:07 (identity: 28.42%)

Sample: HG01258

Locus: HLA-DRA

Resolution: 4th field

Full typing result:

HLA-DRA*01:01:01:11

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

300

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

HLA-DRA*01:01:01:11 (identity: 100.00%)

Sample: HG01258

Locus: HLA-DRB1

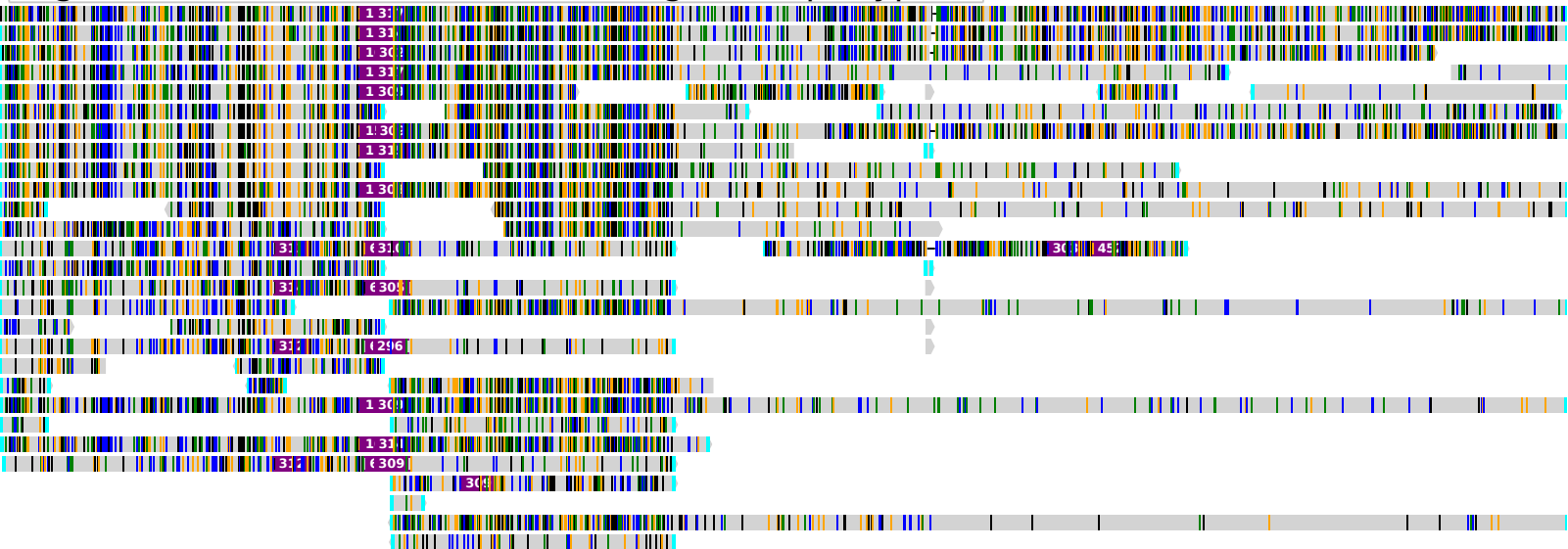**Resolution:** 4th field

Full typing result:

HLA-DRB1*14:243

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   11.25kb
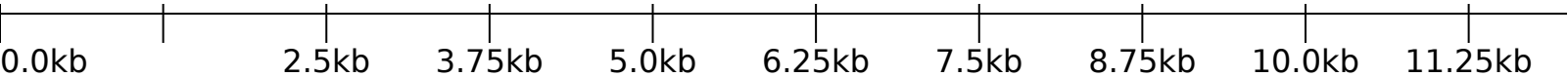
HLA-DRB1*14:243 (identity: 82.84%)

Sample: HG01258

Locus: HLA-DRB1

Resolution: 4th field

Full typing result:

HLA-DRB1*13:01:01:01

bam coverage

47
32

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
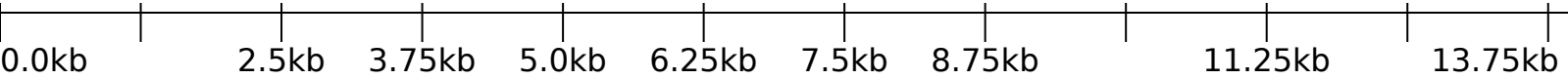
HLA-DRB1*13:01:01:01 (identity: 99.75%)

Sample: HG01258

Locus: HLA-DRB3

Resolution: 4th field

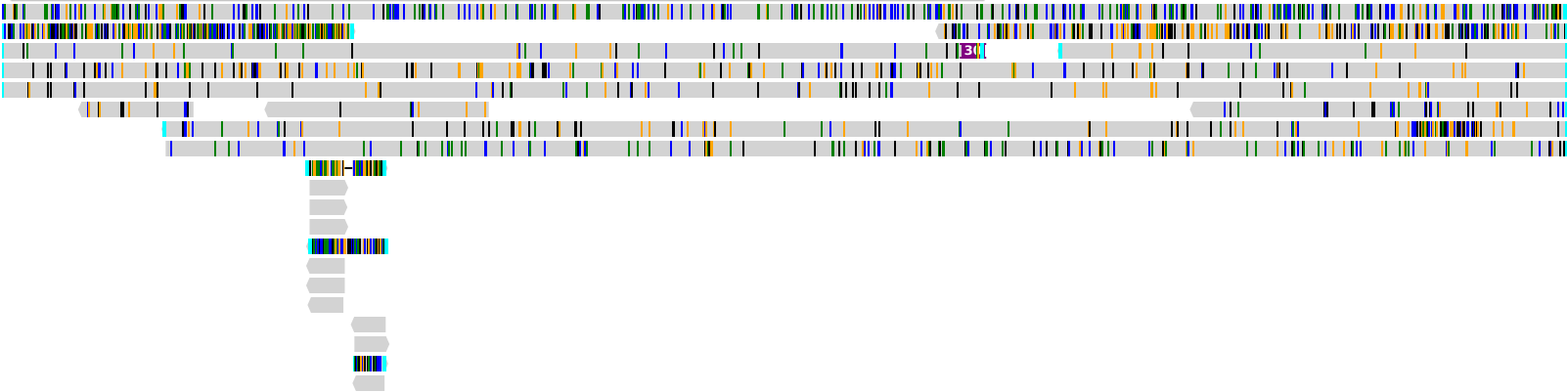**Full typing result:**

HLA-DRB3*02:02:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)
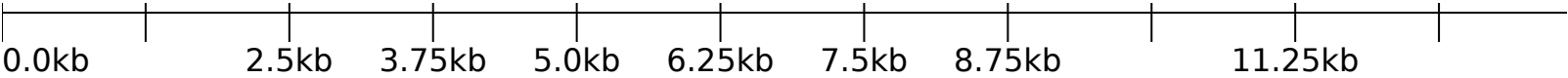
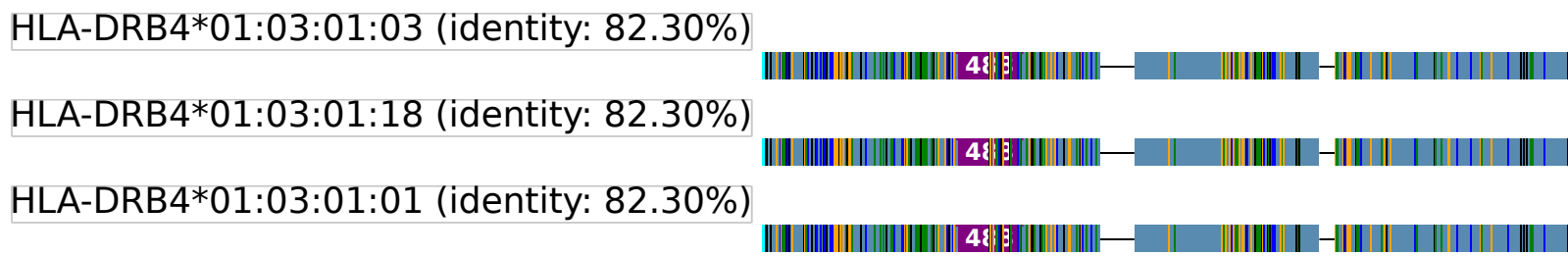HLA-DRB3*02:02:01:02 (identity: 100.00%)
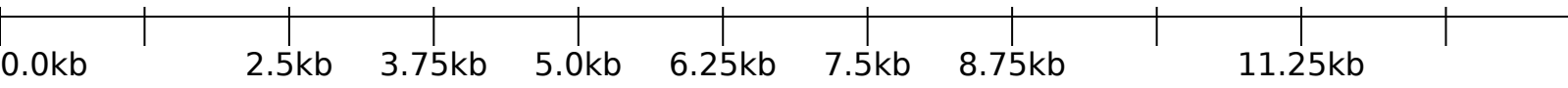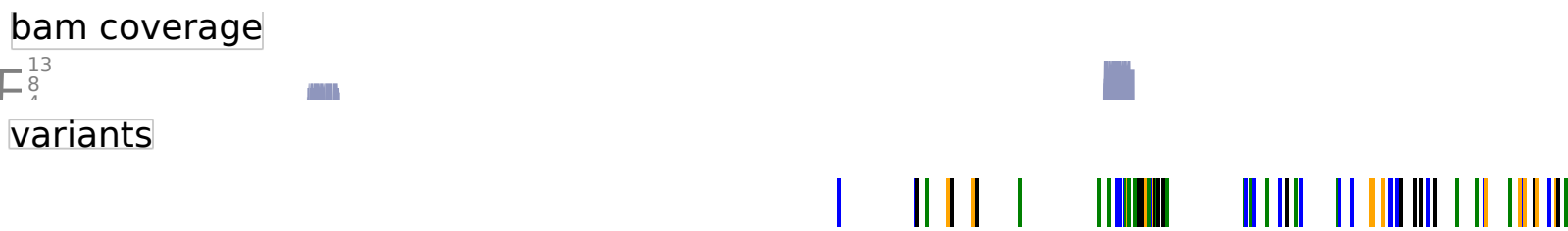
Sample: HG01258

Locus: HLA-DRB4

Resolution: 4th field

Full typing result:

HLA-DRB4*01:03:01:03   HLA-DRB4*01:03:01:18   HLA-DRB4*01:03:01:01

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-DRB4*01:03:01:03 (identity: 82.30%)

HLA-DRB4*01:03:01:18 (identity: 82.30%)

HLA-DRB4*01:03:01:01 (identity: 82.30%)

Sample: **HG01258**

Locus: **HLA-DRB4**

Resolution: **4th field**

Full typing result:

HLA-DRB4*01:03:01:01   HLA-DRB4*01:03:01:03   HLA-DRB4*01:03:01:18

HLA-DRB4*01:03:01:02N   HLA-DRB4*01:152

bam coverage

variants

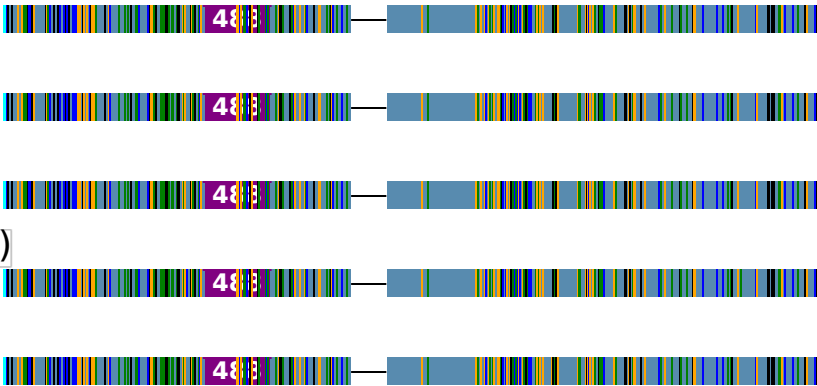Alignment (reference: reconstructed gene haplotype 2)
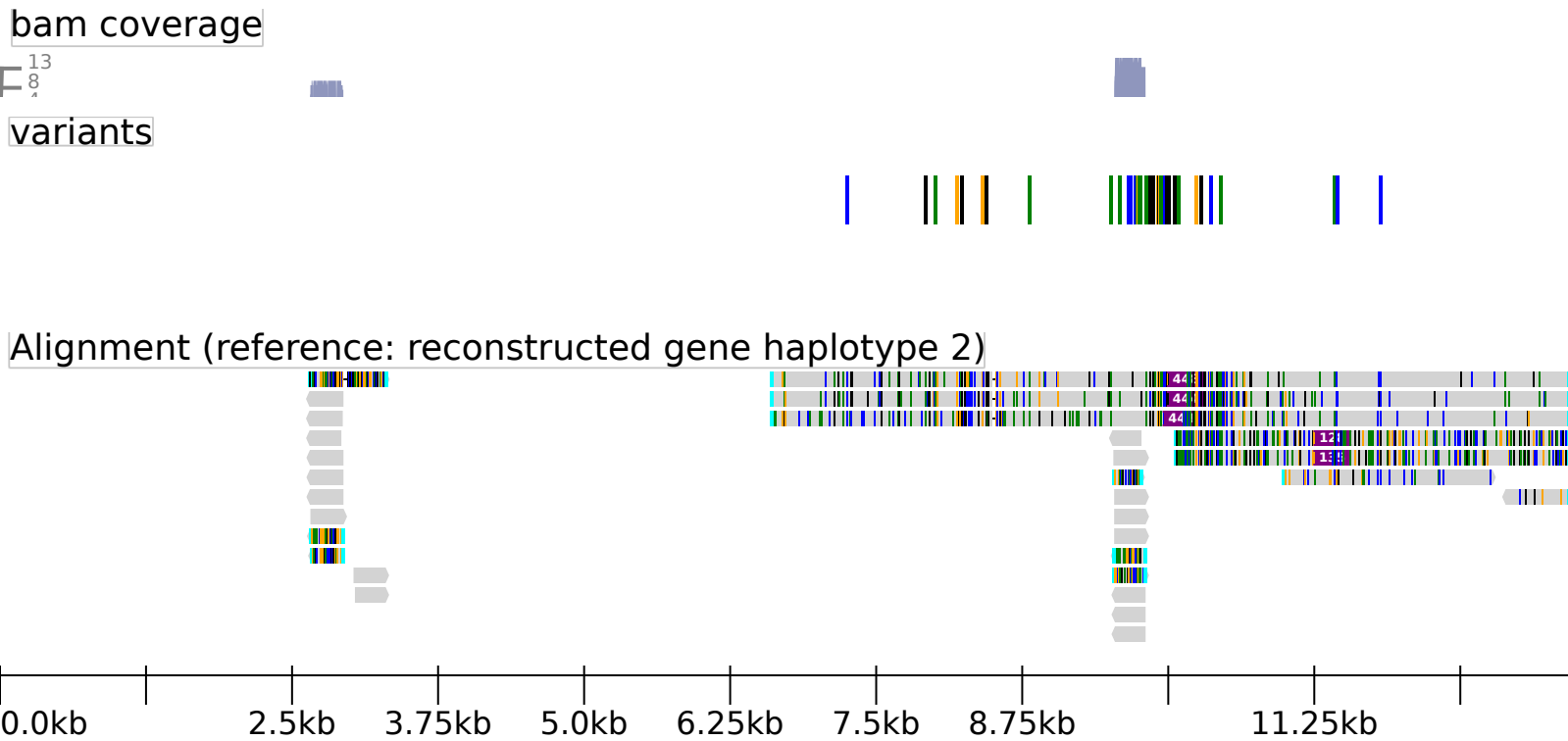
HLA-DRB4*01:03:01:01 (identity: 83.65%)

HLA-DRB4*01:03:01:03 (identity: 83.65%)

HLA-DRB4*01:03:01:18 (identity: 83.65%)

HLA-DRB4*01:03:01:02N (identity: 83.61%)

HLA-DRB4*01:152 (identity: 83.64%)

Sample: **HG01258**

Locus: **HLA-DRB5**

Resolution: **4th field**

Full typing result:

| HLA-DRB5*01:01:01:03 | HLA-DRB5*01:131N |

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

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

HLA-DRB5*01:01:01:03 (identity: 98.25%)

HLA-DRB5*01:131N (identity: 98.25%)

Sample: HG01258

Locus: HLA-DRB5
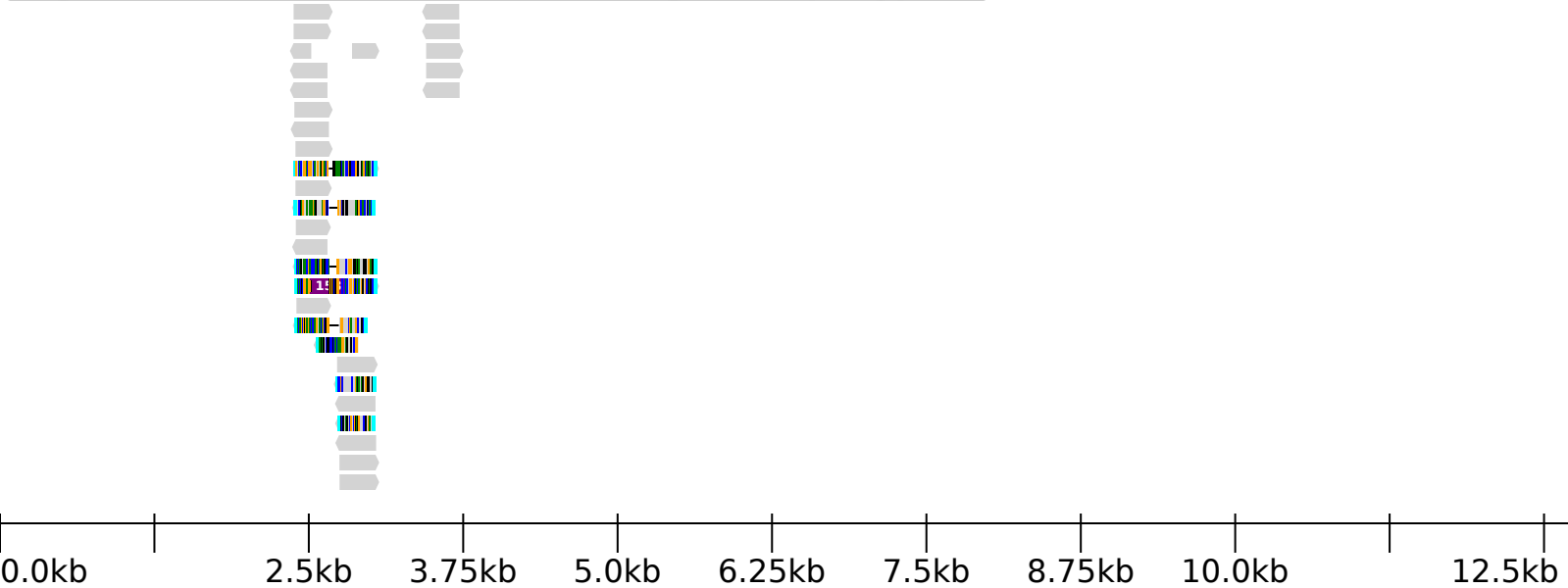
Resolution: 4th field

Full typing result:

HLA-DRB5*01:02:01

bam coverage

14
10
5

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: 63.91%)

Sample: HG01258

Locus: HLA-E

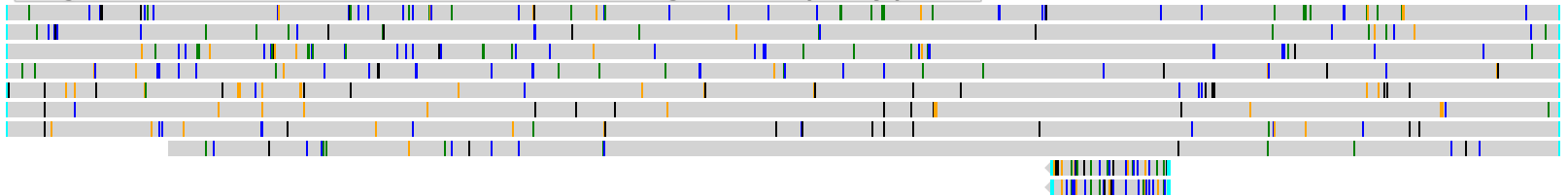**Resolution:** 4th field
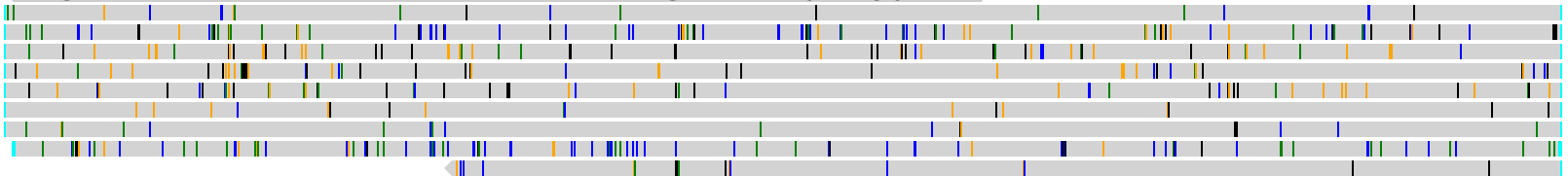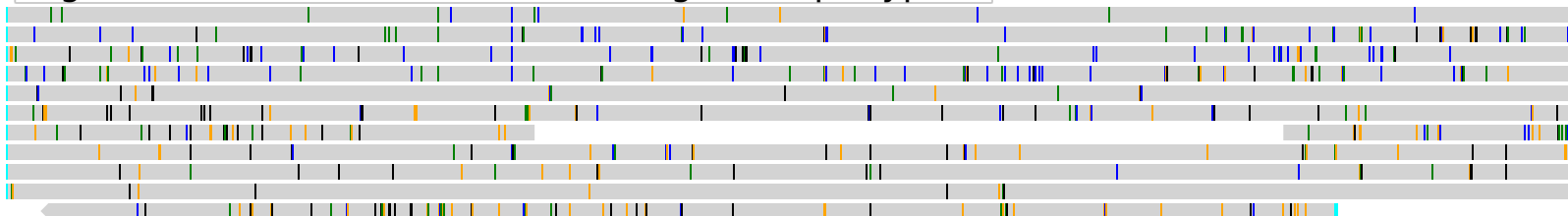
Full typing result:

HLA-E*01:03:02:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: HG01258

Locus: HLA-E

Resolution: 4th field

Full typing result:

HLA-E*01:01:02

bam coverage

variants

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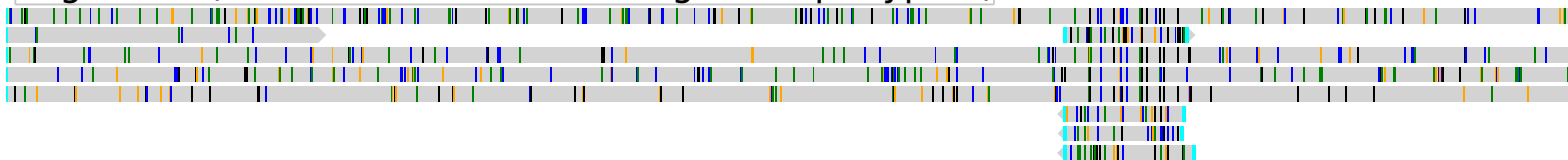
0.0kb   1.0kb   2.0kb   3.0kb

HLA-E*01:01:02 (identity: 99.63%)

Sample: **HG01258**

Locus: **HLA-F**

Resolution: **4th field**

Full typing result:

HLA-F*01:03:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: **HG01258**

Locus: **HLA-F**

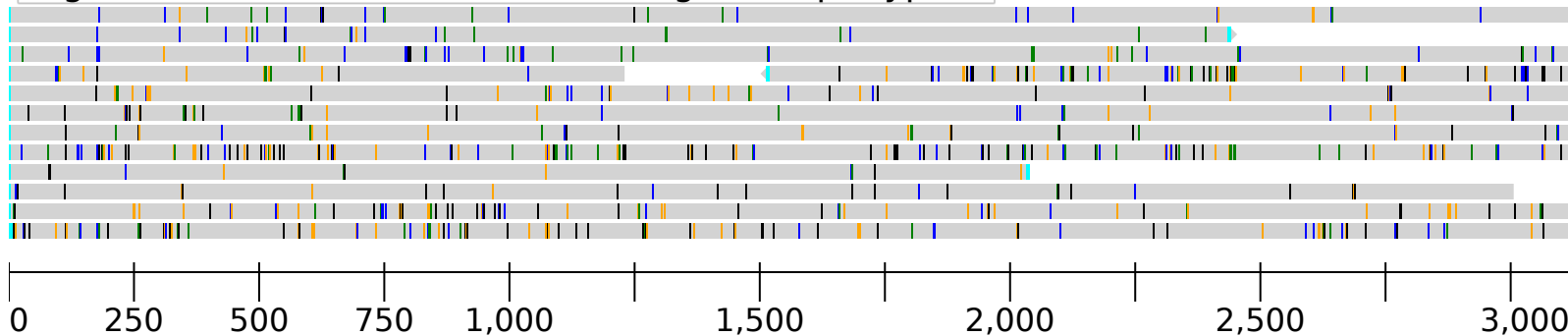*Resolution:* **4th field**

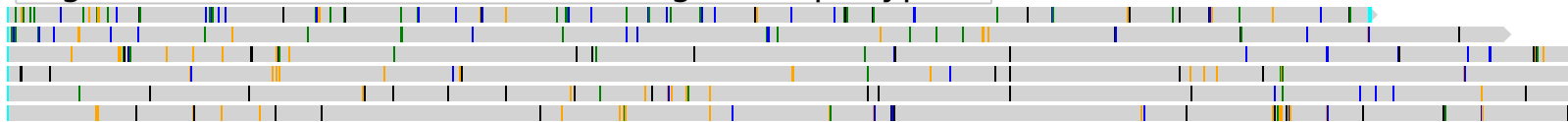*Full typing result:*

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: 100.00%)

Sample: HG01258

Locus: HLA-G

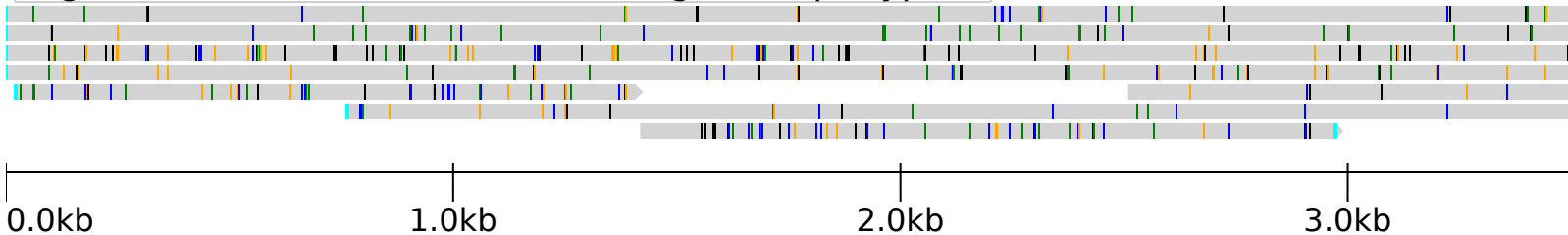**Resolution:** 4th field

Full typing result:

HLA-G*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

Sample: **HG01258**

Locus: **HLA-G**

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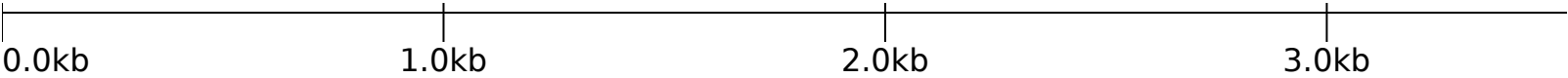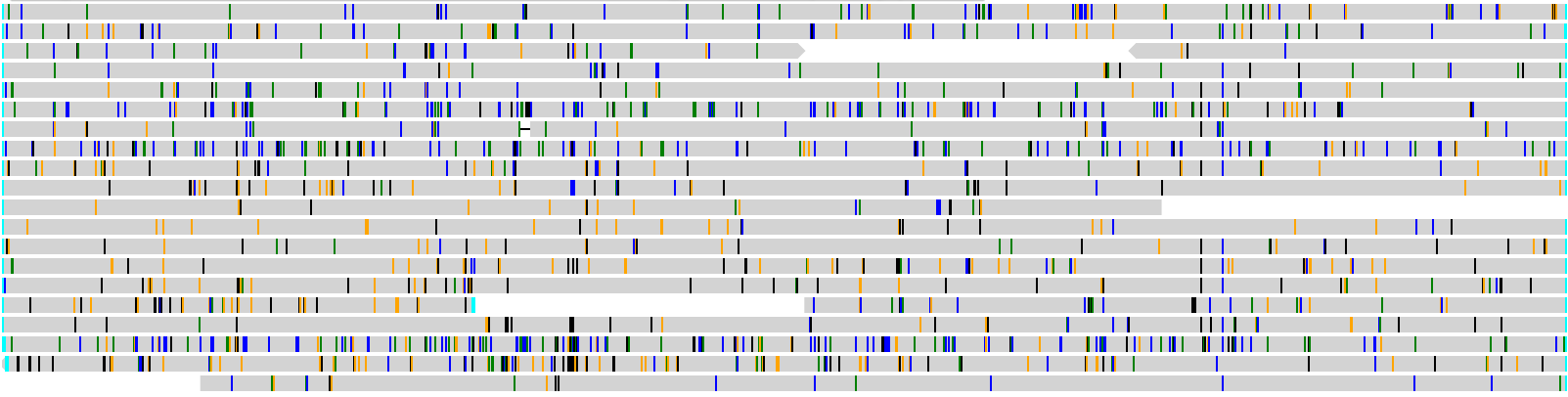
Full typing result:

HLA-G*01:01:01:05

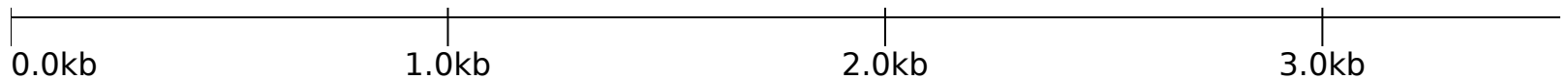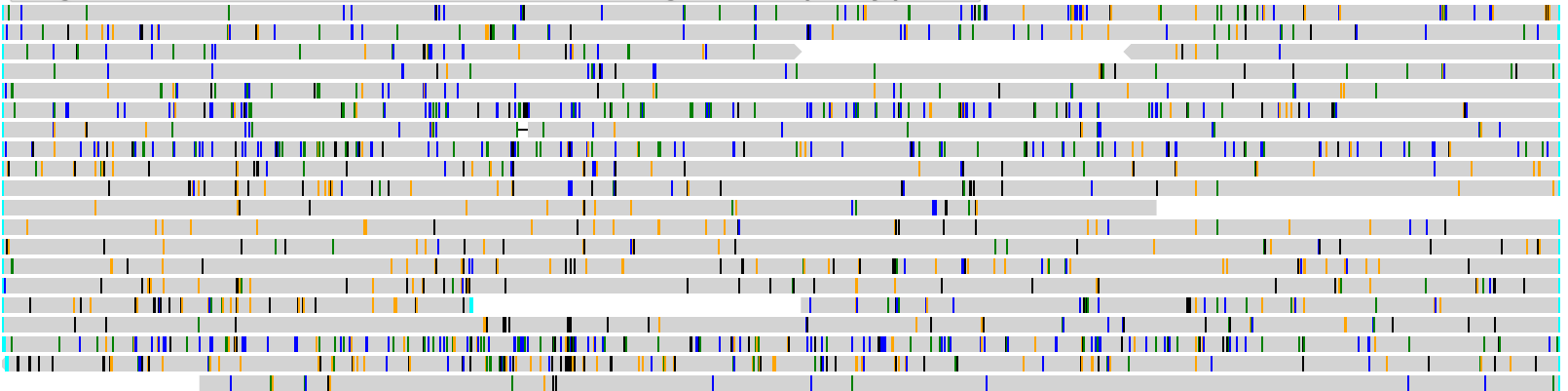bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)
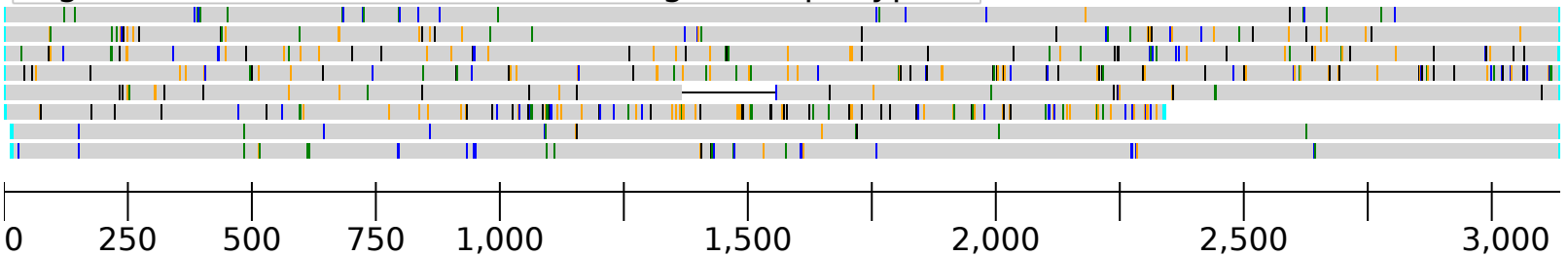
HLA-G*01:01:01:05 (identity: 100.00%)

Sample: HG01258

Locus: HLA-H

Resolution: 4th field

Full typing result:

HLA-H*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: HG01258

Locus: HLA-H

Resolution: 4th field

Full typing result:

HLA-H*02:04:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: HG01258

Locus: HLA-J

Resolution: 4th field

Full typing result:
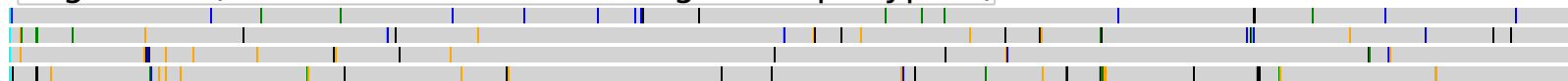
HLA-J*01:01:01:05

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: **HG01258**

Locus: **HLA-J**

Resolution: **4th field**

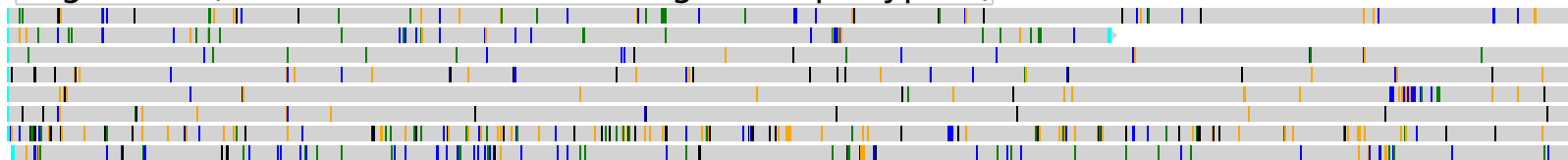*Full typing result:*

HLA-J*01:01:01:04

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: **HG01258**

Locus: **HLA-K**

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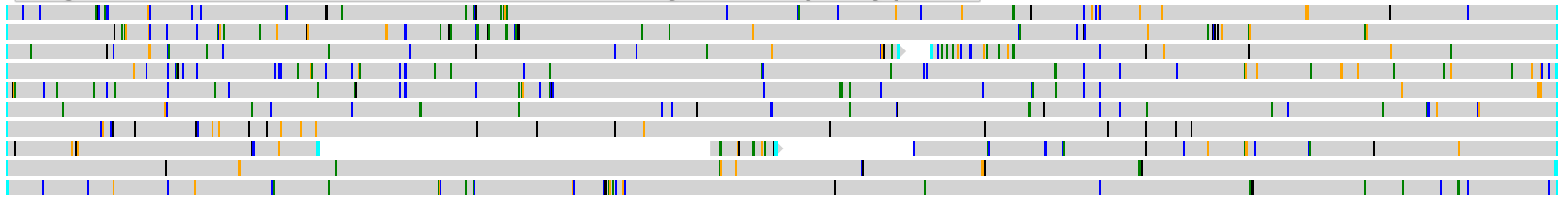
Full typing result:

HLA-K*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   1.0kb   2.0kb   3.0kb

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

Sample: **HG01258**

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: HG01258

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: HG01258

Locus: HLA-N

Resolution: 4th field

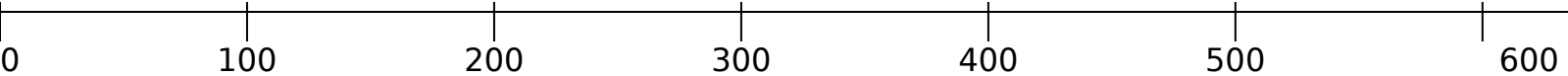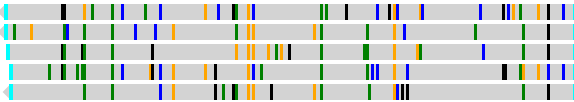**Full typing result:**

HLA-N*01:01:01:01   HLA-N*01:01:01:03

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

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

Sample: HG01258

Locus: HLA-P

Resolution: 4th field
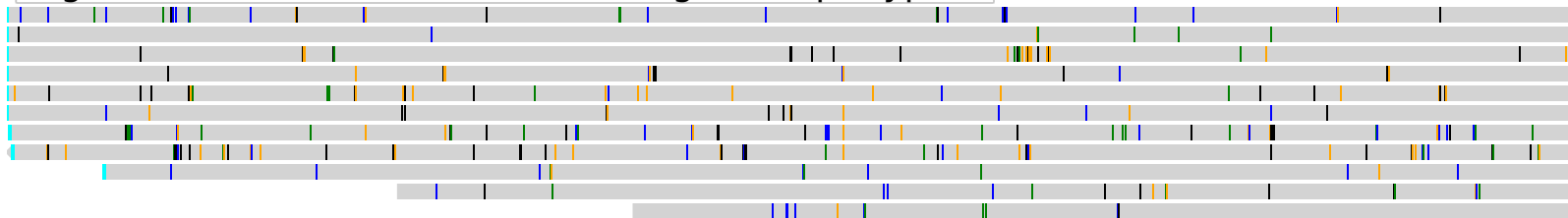
Full typing result:

HLA-P*02:01:01:01

bam coverage

variants

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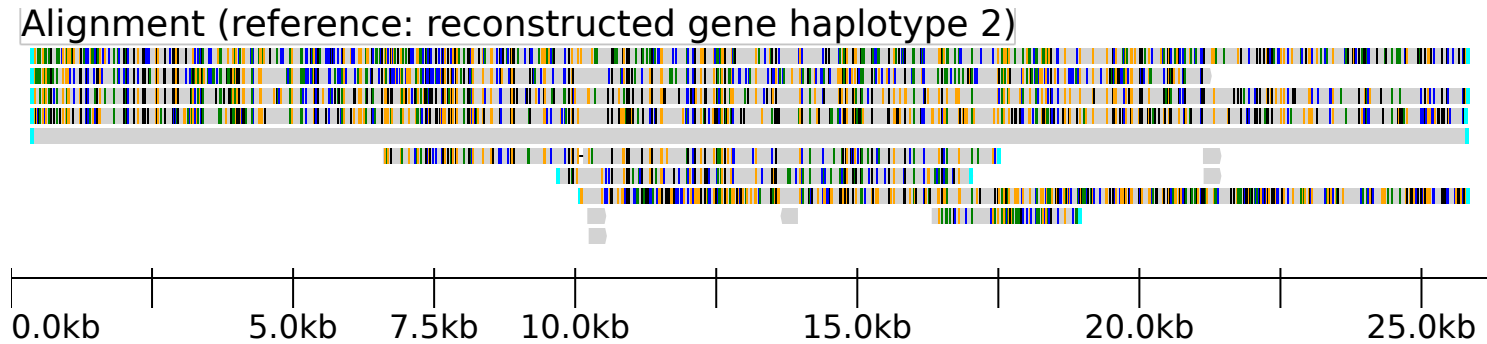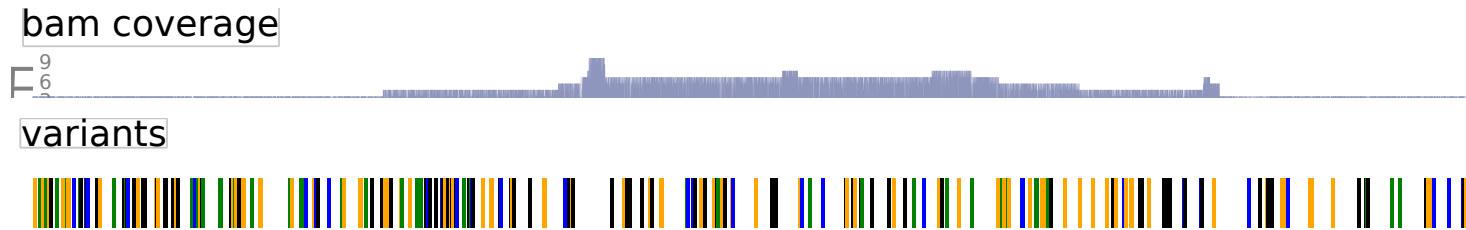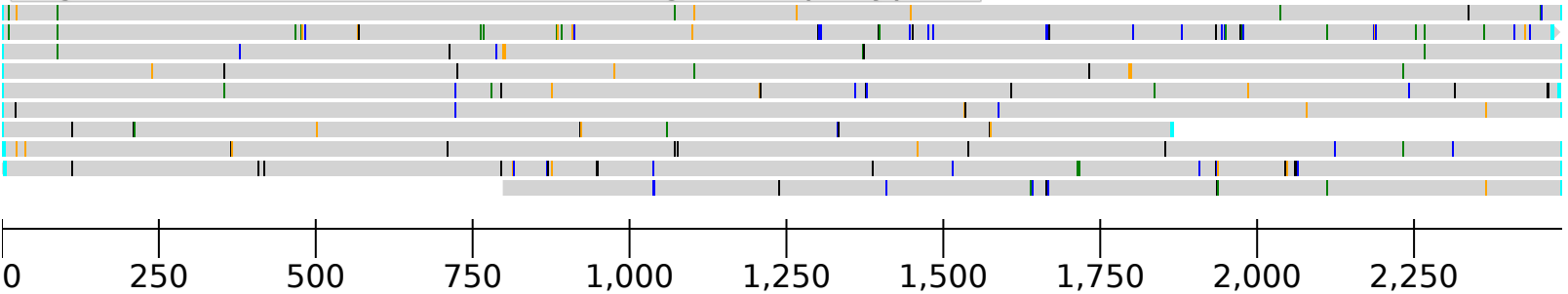
HLA-P*02:01:01:01 (identity: 100.00%)

Sample: **HG01258**

Locus: **HLA-P**

Resolution: **4th field**

Full typing result:

HLA-P*02:01:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

0.0kb   5.0kb   7.5kb   10.0kb   15.0kb   20.0kb   25.0kb

HLA-P*02:01:01:02 (identity: 96.28%)

Sample: **HG01258**

Locus: **HLA-T**

Resolution: **4th field**

Full typing result:

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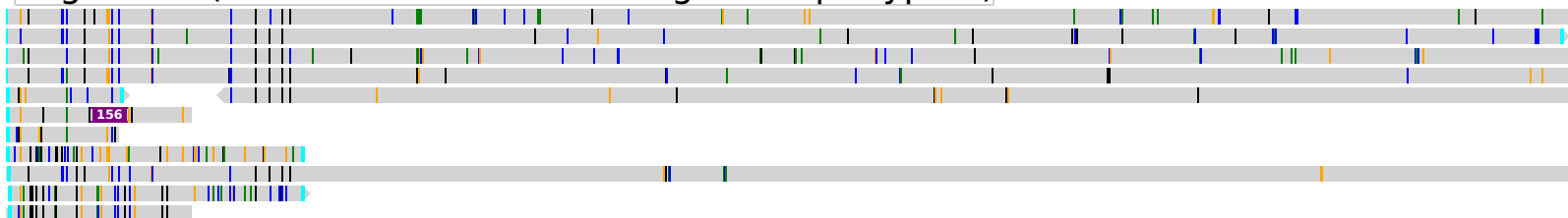
bam coverage

9
6
3

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

Sample: HG01258

Locus: HLA-T

Resolution: 4th field

Full typing result:

HLA-T*03:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

156

HLA-T*03:01:01:01 (identity: 99.40%)

Sample: HG01258

Locus: HLA-U
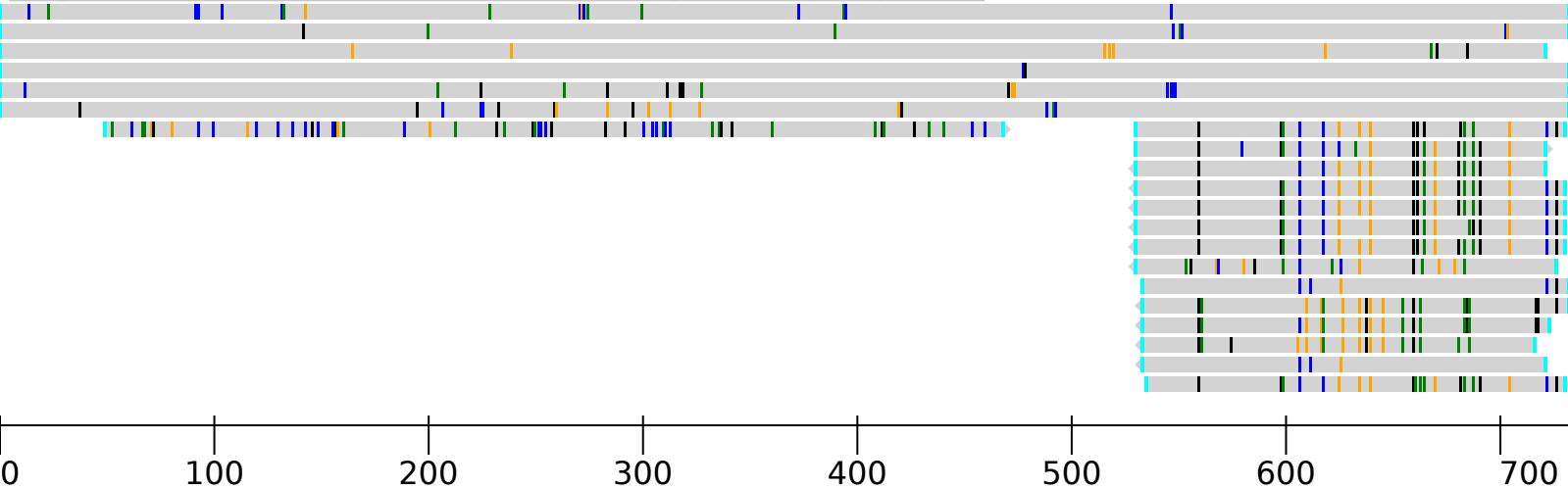
Resolution: 4th field

Full typing result:

HLA-U*01:03

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

Sample: HG01258

Locus: HLA-U

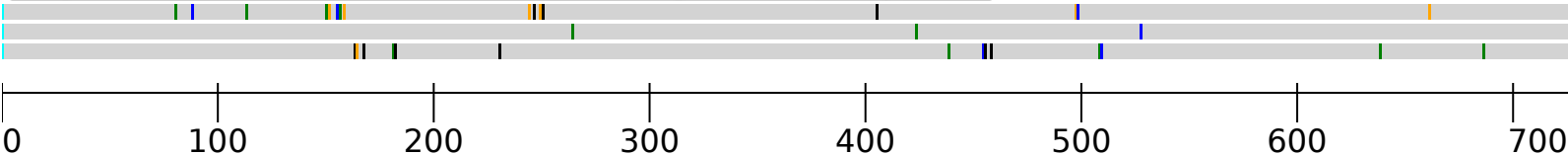**Resolution:** 4th field

Full typing result:

HLA-U*01:04

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

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

Sample: HG01258

Locus: HLA-V

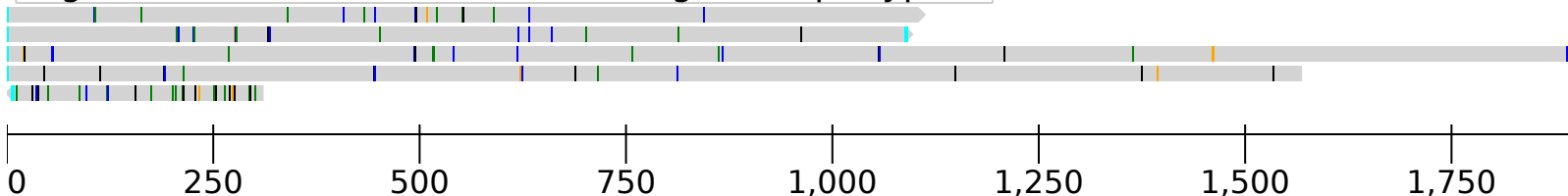**Resolution: 4th field**

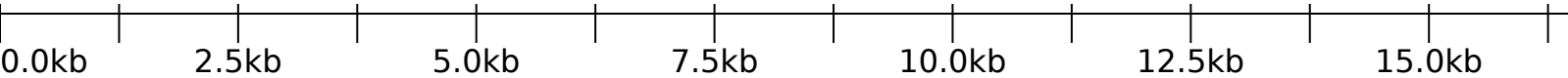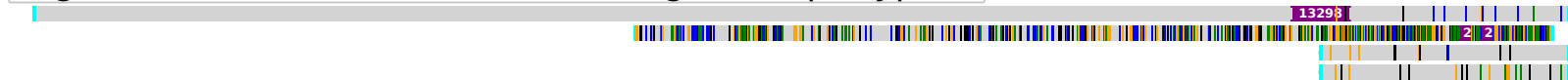**Full typing result:**

HLA-V*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

Sample: HG01258

Locus: HLA-W

Resolution: 4th field

Full typing result:

HLA-W*01:01:01:05

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

13298

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

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

Sample: HG01258

Locus: HLA-W

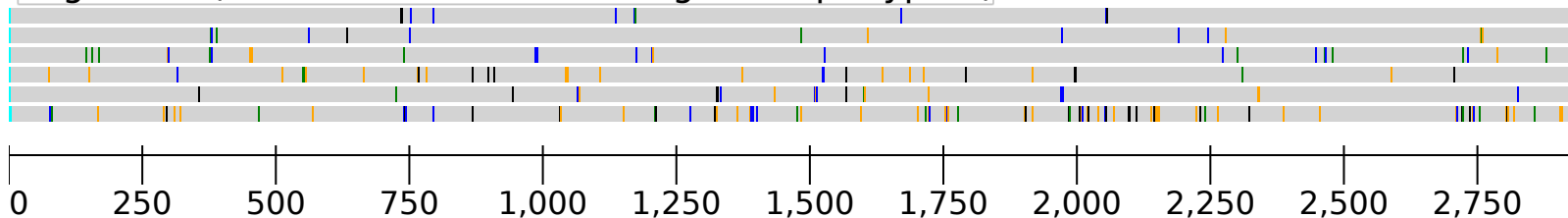**Resolution:** 4th field

Full typing result:

HLA-W*03:01:01:01   HLA-W*03:01:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

HLA-W*03:01:01:01 (identity: 99.93%)

HLA-W*03:01:01:02 (identity: 99.90%)

Sample: HG01258

Locus: MICA

Resolution: 4th field

Full typing result:

MICA*008:04:01   MICA*008:01:02   MICA*008:01:01

bam coverage

54
36
18

variants

Alignment (reference: reconstructed gene haplotype 1)

| 0.0kb | 2.5kb | 5.0kb | 7.5kb | 10.0kb | 12.5kb | 15.0kb | 17.5kb |

MICA*008:04:01 (identity: 98.55%)

MICA*008:01:02 (identity: 98.48%)

MICA*008:01:01 (identity: 98.47%)

Sample: HG01258

Locus: MICB

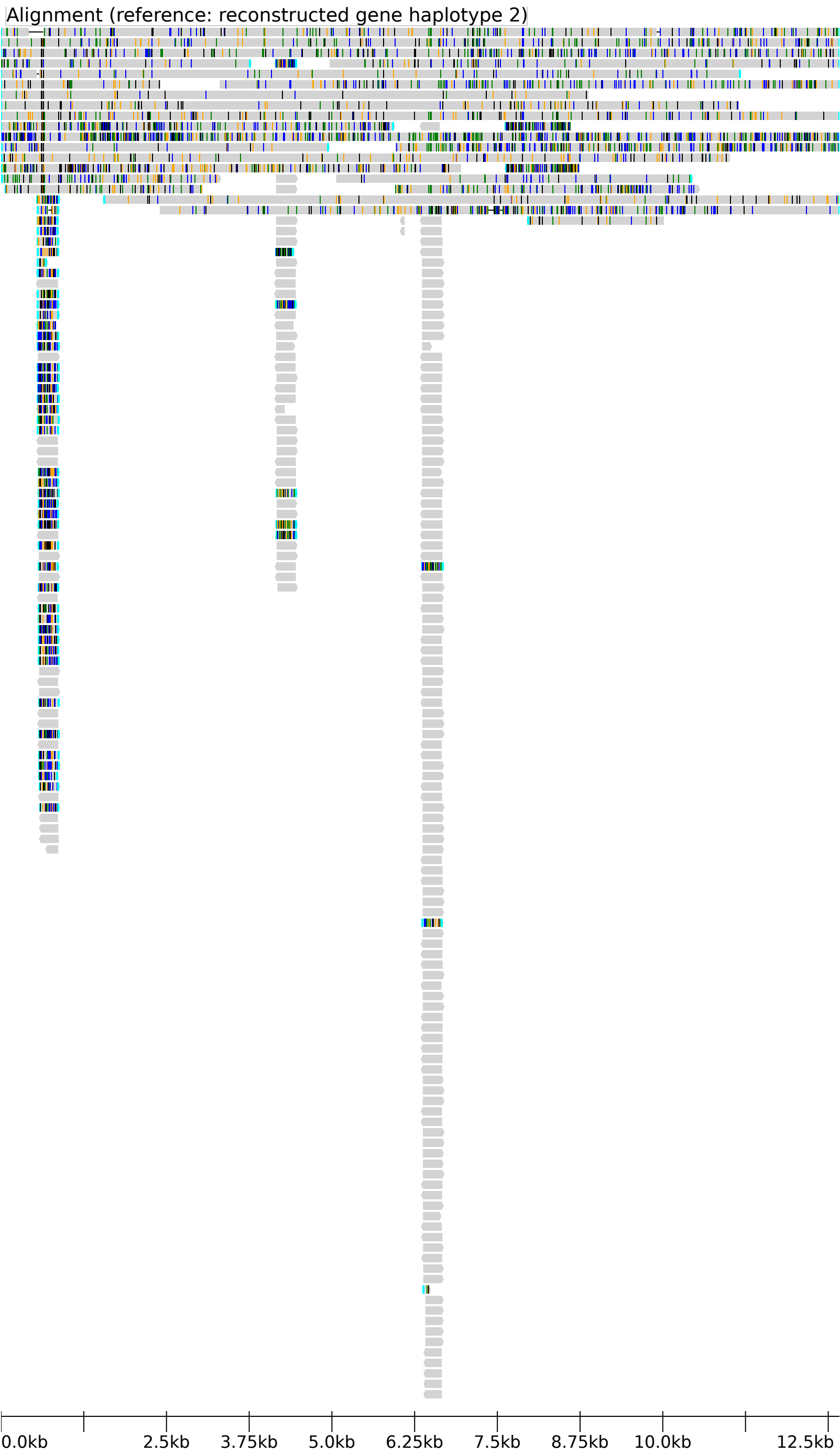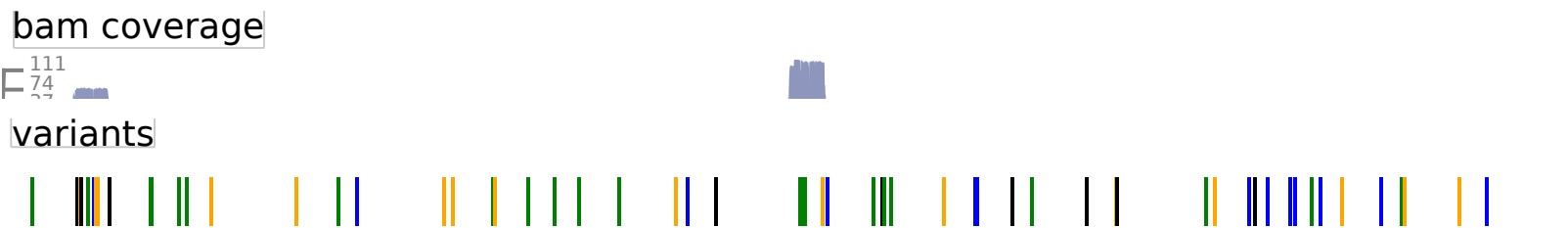**Resolution:** 4th field

Full typing result:

MICB*052

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
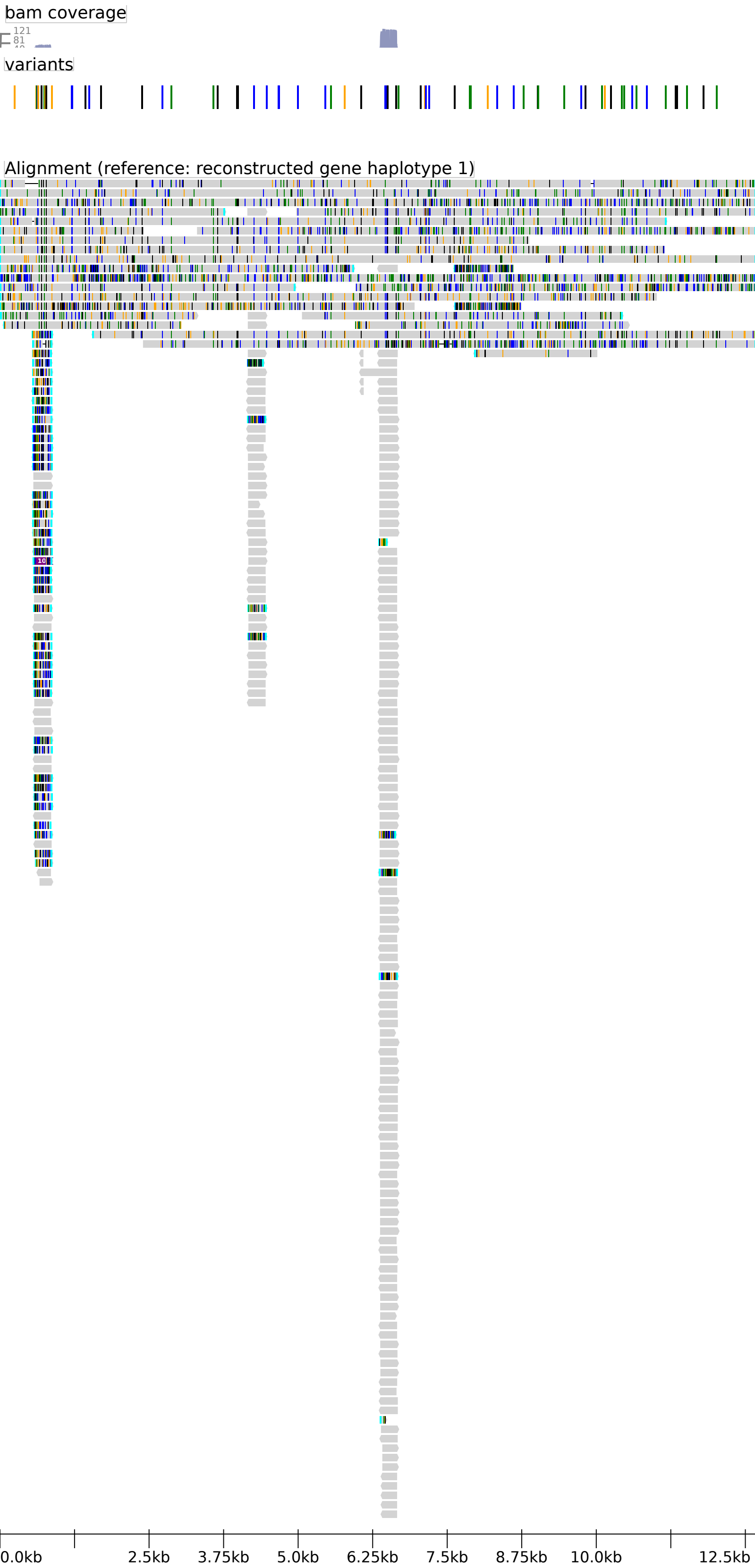
MICB*052 (identity: 99.95%)

Locus: MICB

Resolution: 4th field

Full typing result:

MICB*002:01:01

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 12.5kb

MICB*002:01:01 (identity: 99.85%)

Sample: **HG01258**

Locus: **TAP1**

Resolution: **4th field**

Full typing result:

TAP1*01:01:01:01

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

0.0kb   2.0kb   3.0kb   4.0kb   5.0kb   6.0kb   7.0kb   8.0kb   9.0kb
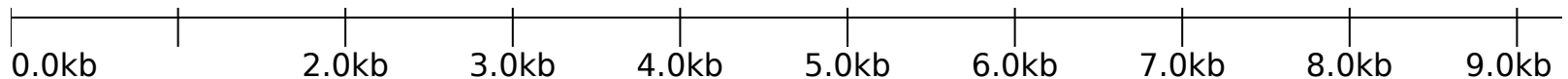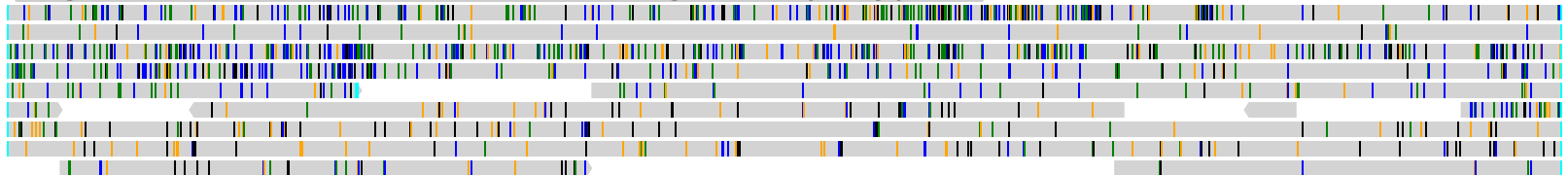
TAP1*01:01:01:01 (identity: 100.00%)

Sample: **HG01258**

Locus: **TAP1**

Resolution: **4th field**

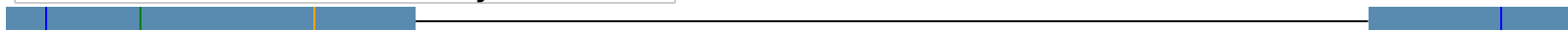*Full typing result:*

TAP1*01:01:01:02

bam coverage

variants

Alignment (reference: reconstructed gene haplotype 2)

| 0.0kb | 5.0kb | 7.5kb | 10.0kb | 12.5kb | 15.0kb | 17.5kb | 20.0kb |
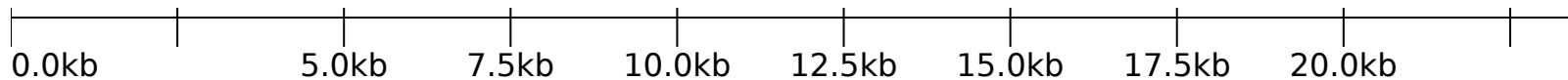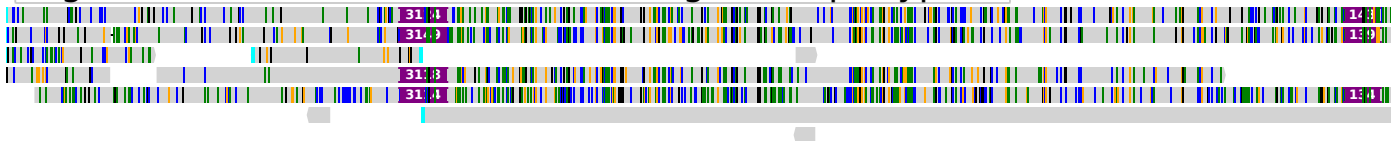
TAP1*01:01:01:02 (identity: -53.71%)

Sample: HG01258

Locus: TAP2

Resolution: 4th field

Full typing result:

TAP2*02:01:02:03

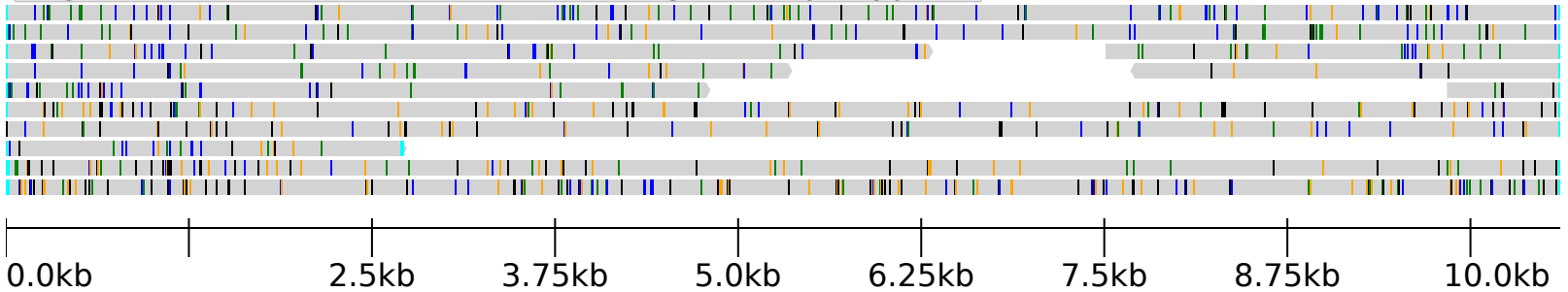bam coverage

variants

Alignment (reference: reconstructed gene haplotype 1)

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

TAP2*02:01:02:03 (identity: 100.00%)

Sample: HG01258

Locus: TAP2

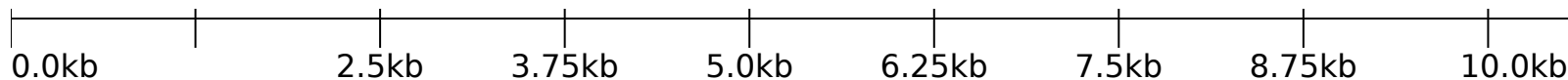**Resolution:** 4th field

Full typing result:

TAP2*01:01:07:05

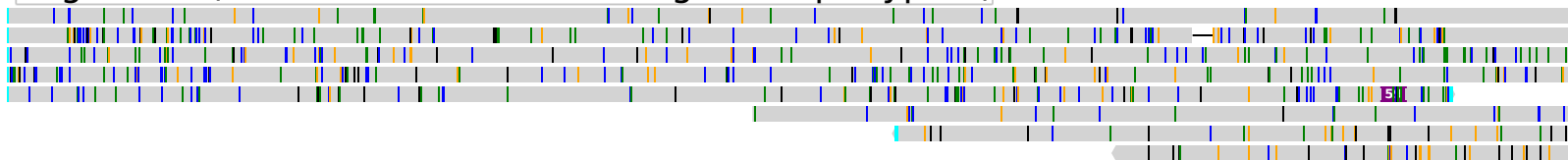bam coverage

8
5

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: 100.00%)