

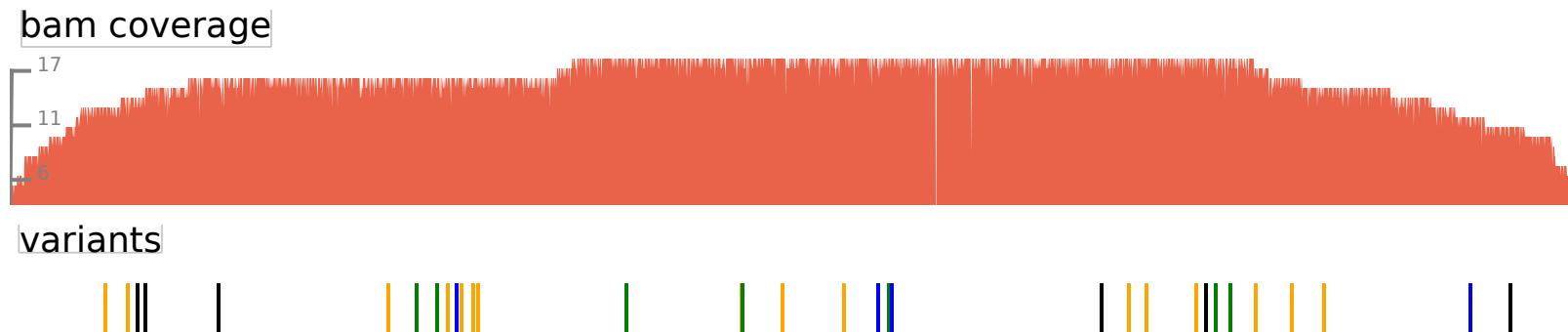
Sample: test_HLA2

Locus: HLA-K

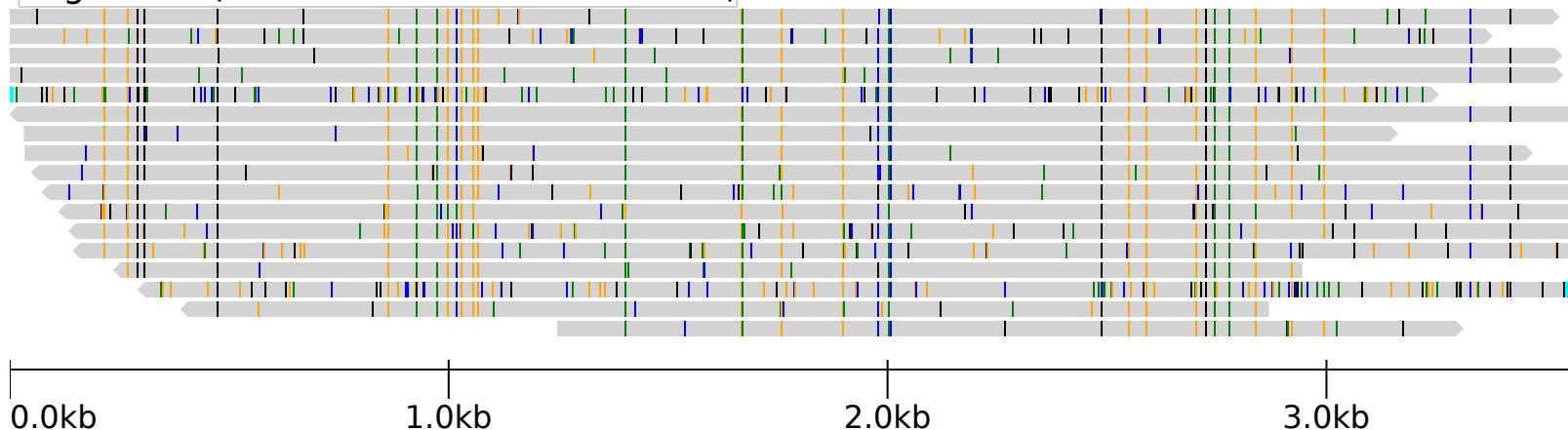
Resolution: 4th field

Full typing result:

HLA-K*01:01:01:04



Alignment (reference: constructed het 2)



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

Sample: test_HLA2

Locus: HLA-DRB4

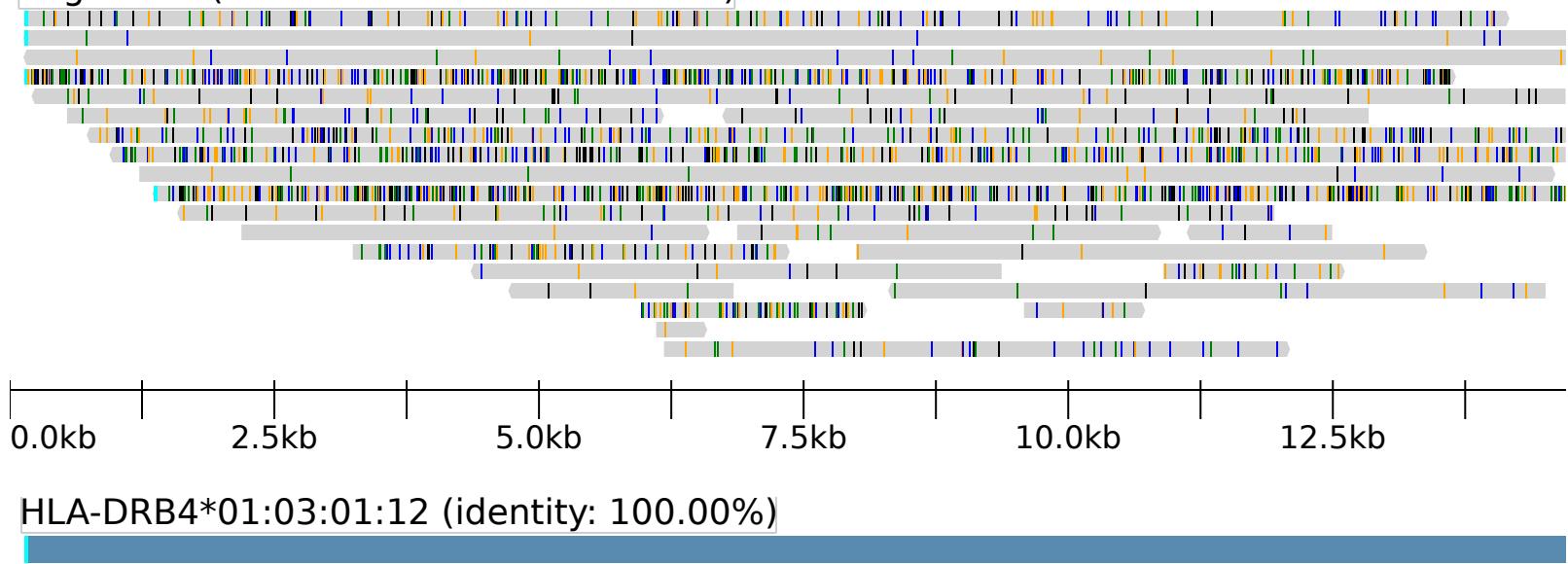
Resolution: 4th field

Full typing result:

HLA-DRB4*01:03:01:12



Alignment (reference: constructed het 1)



Sample: test_HLA2

Locus: HLA-N

Resolution: 4th field

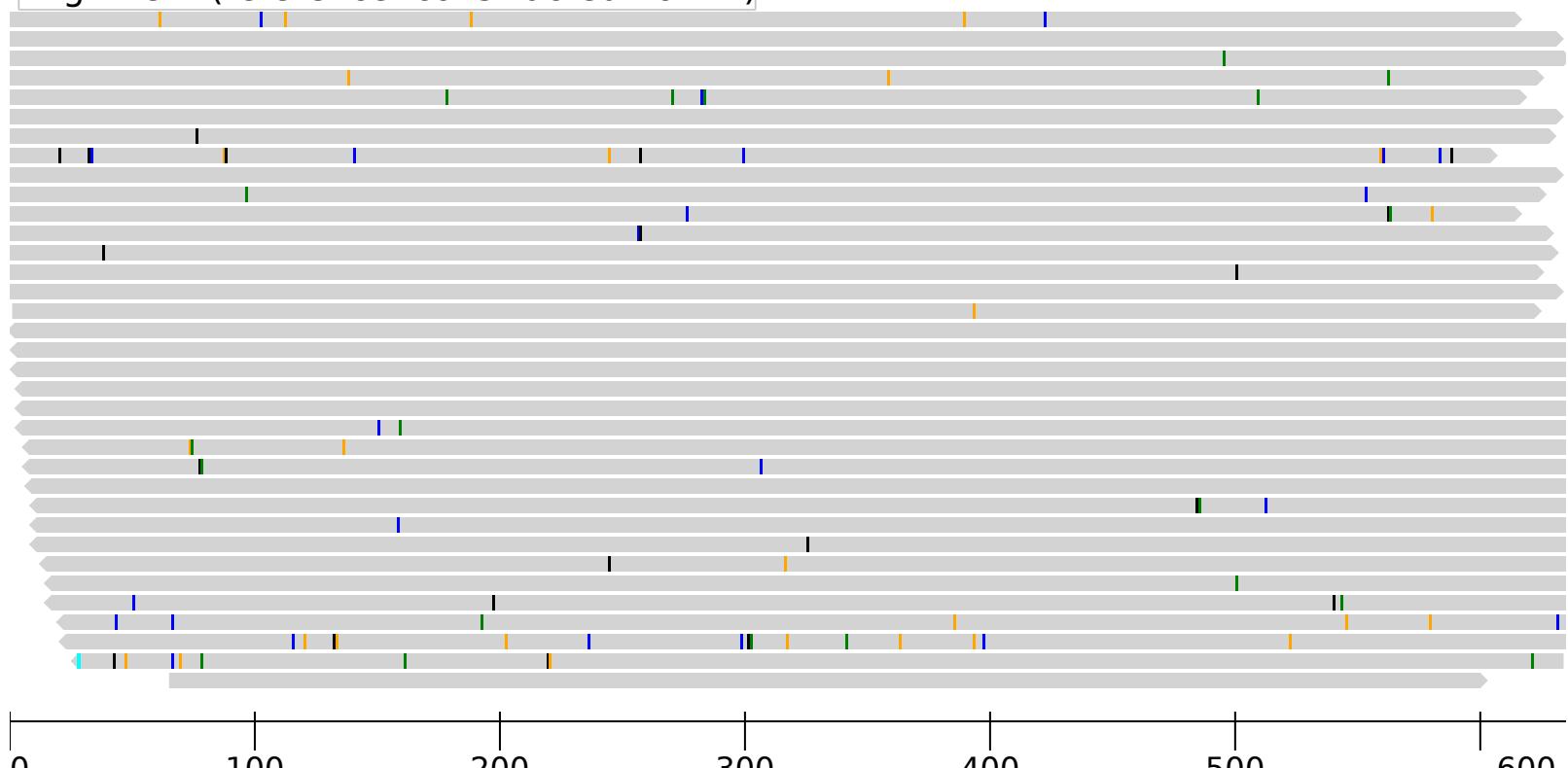
Full typing result:

HLA-N*01:01:01:03



variants

Alignment (reference: constructed hom 1)



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

Sample: test_HLA2

Locus: HLA-E

Resolution: 4th field

Full typing result:

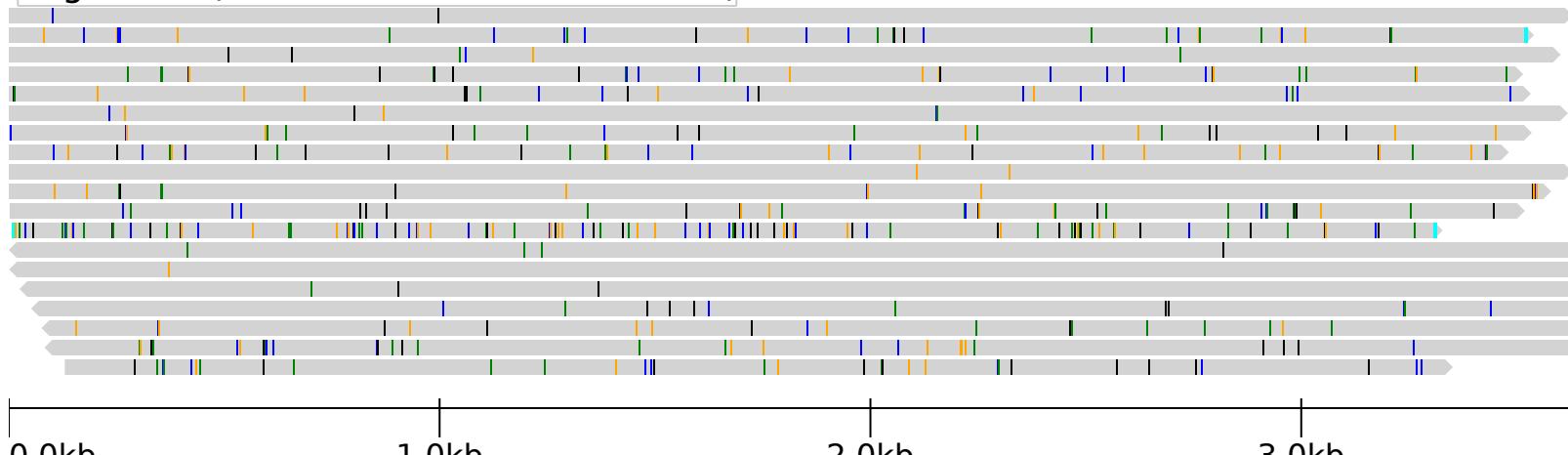
HLA-E*01:03:02:14

bam coverage



variants

Alignment (reference: constructed het 1)



HLA-E*01:03:02:14 (identity: 100.00%)

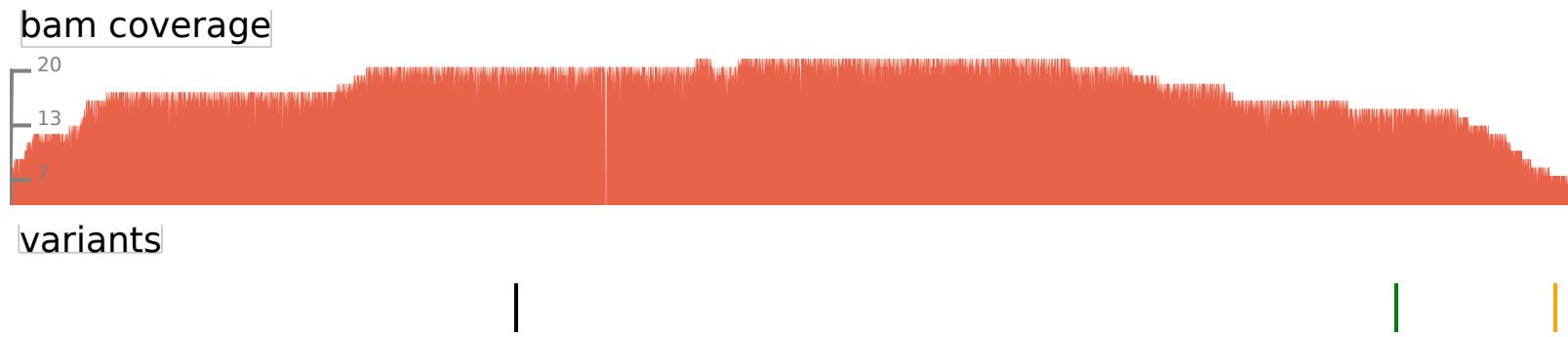
Sample: test_HLA2

Locus: HLA-DMA

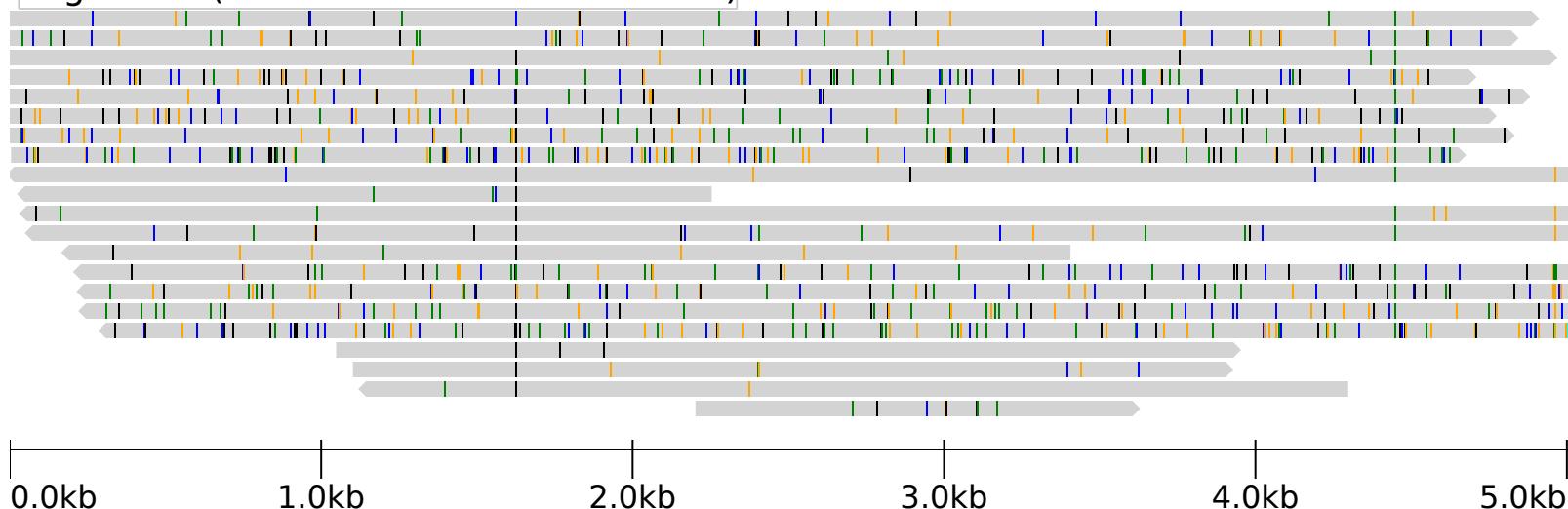
Resolution: 4th field

Full typing result:

HLA-DMA*01:01:01:04



Alignment (reference: constructed het 2)



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

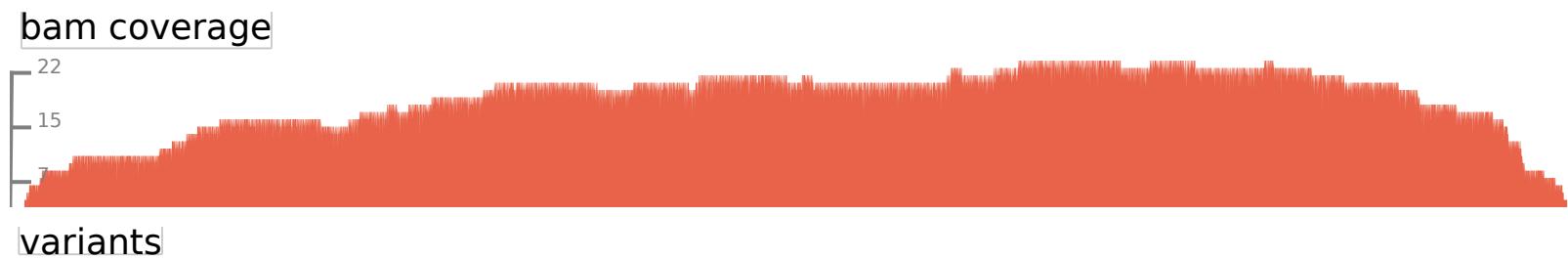
Sample: test_HLA2

Locus: HLA-DRB3

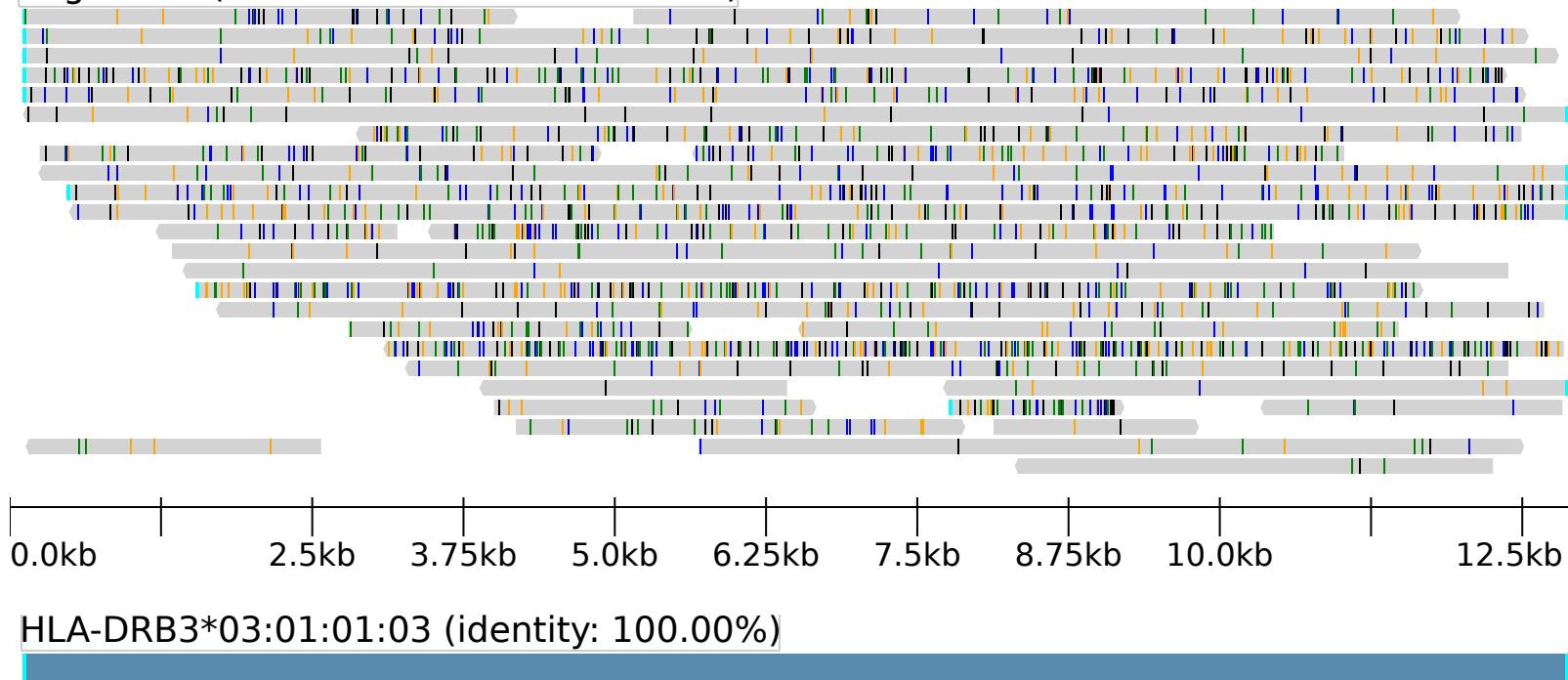
Resolution: 4th field

Full typing result:

HLA-DRB3*03:01:01:03



Alignment (reference: constructed het 1)



Sample: test_HLA2

Locus: HLA-DRB5

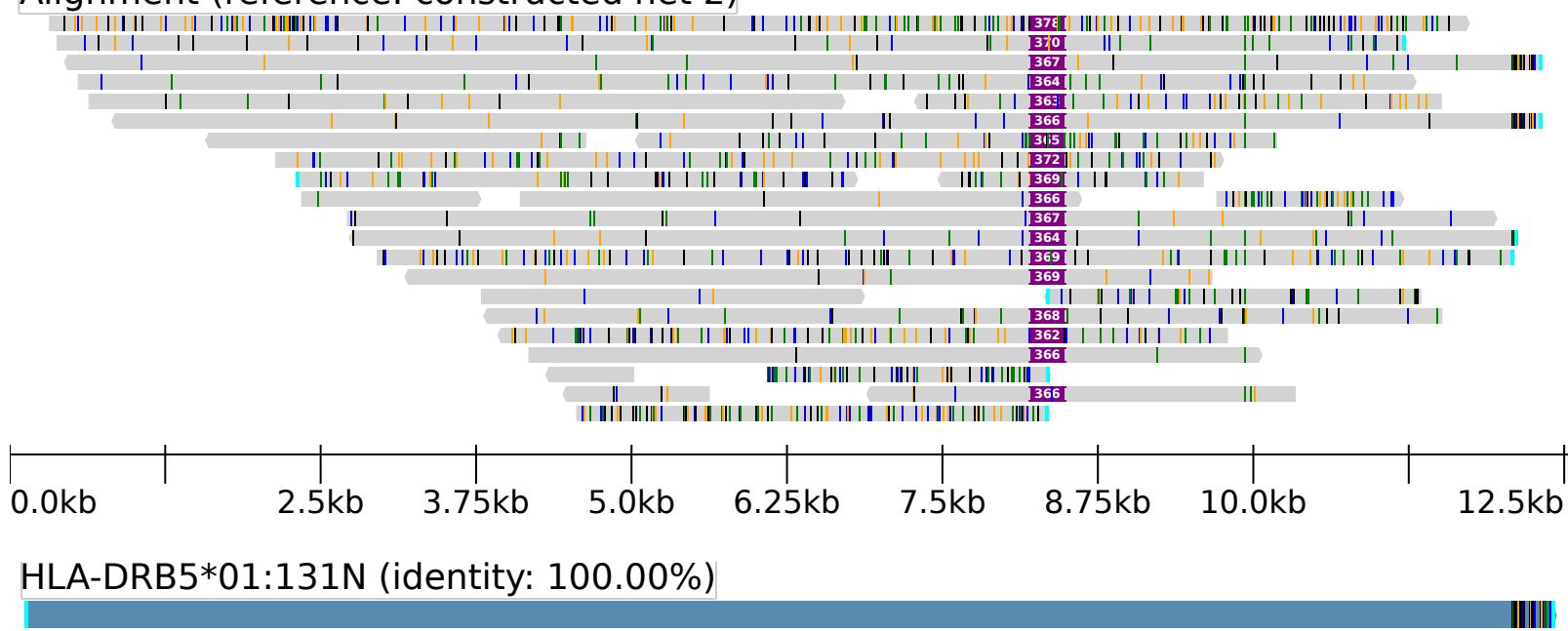
Resolution: 4th field

Full typing result:

HLA-DRB5*01:131N



Alignment (reference: constructed het 2)



Sample: test_HLA2

Locus: HLA-DOA

Resolution: 4th field

Full typing result:

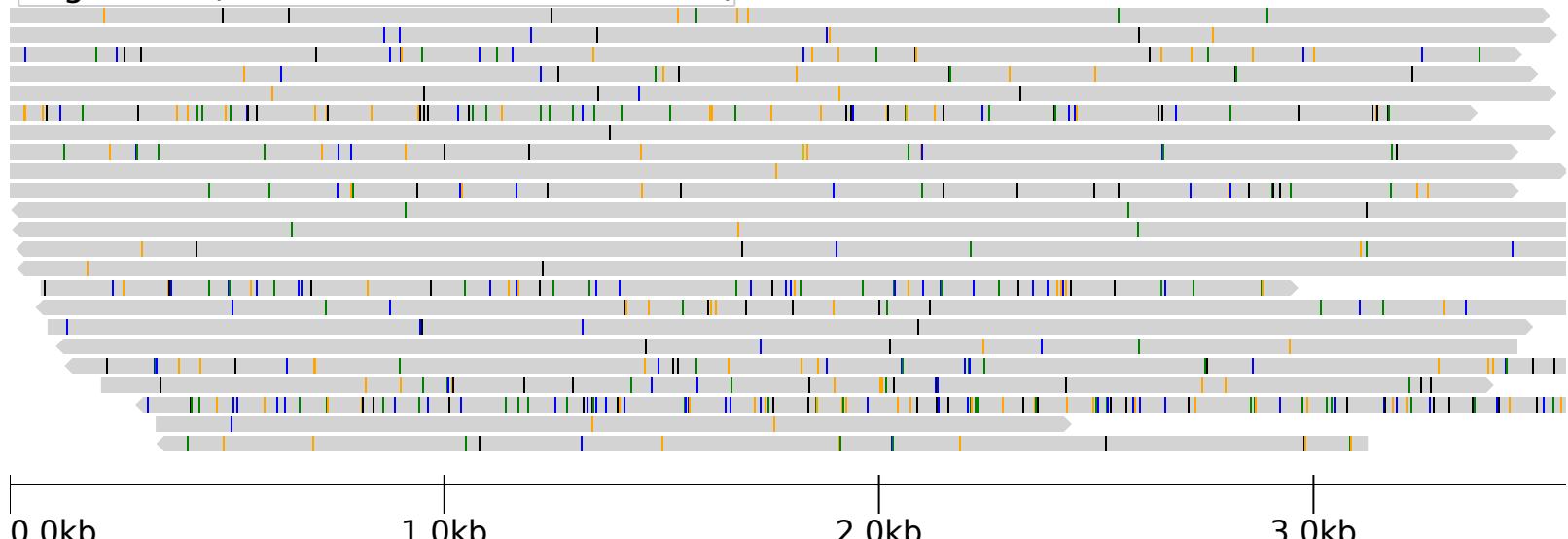
HLA-DOA*01:01:02:13

bam coverage



variants

Alignment (reference: constructed het 1)



HLA-DOA*01:01:02:13 (identity: 100.00%)

Sample: test_HLA2

Locus: HLA-DOB

Resolution: 4th field

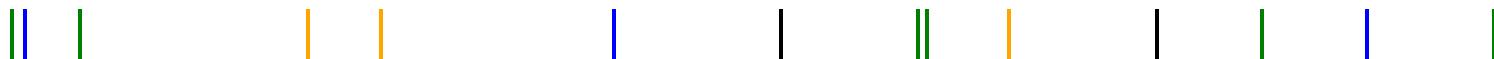
Full typing result:

HLA-DOB*01:13

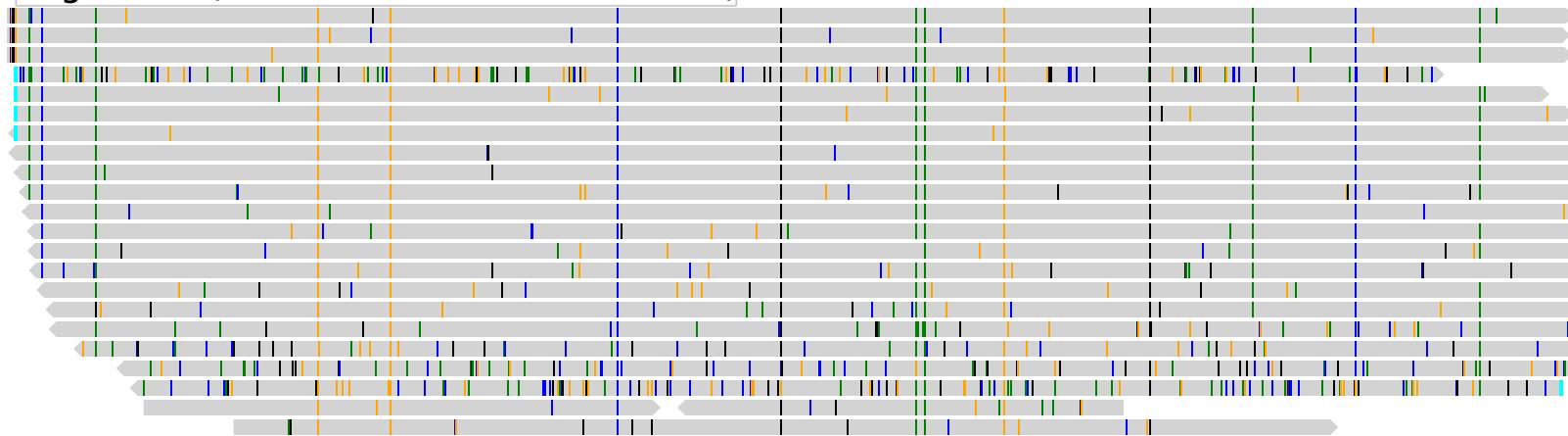
bam coverage



variants



Alignment (reference: constructed het 2)



0.0kb 1.0kb 2.0kb 3.0kb

HLA-DOB*01:13 (identity: 100.00%)

Sample: test_HLA2

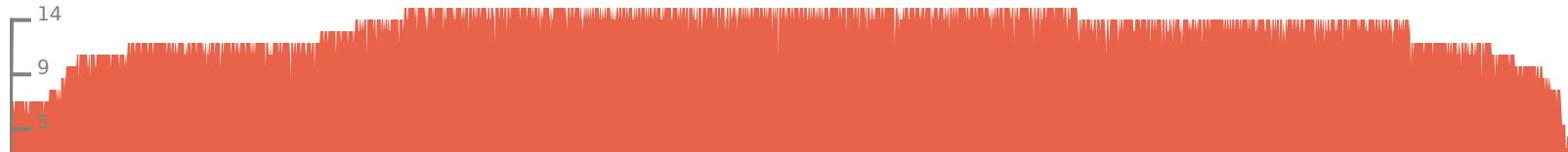
Locus: HLA-T

Resolution: 4th field

Full typing result:

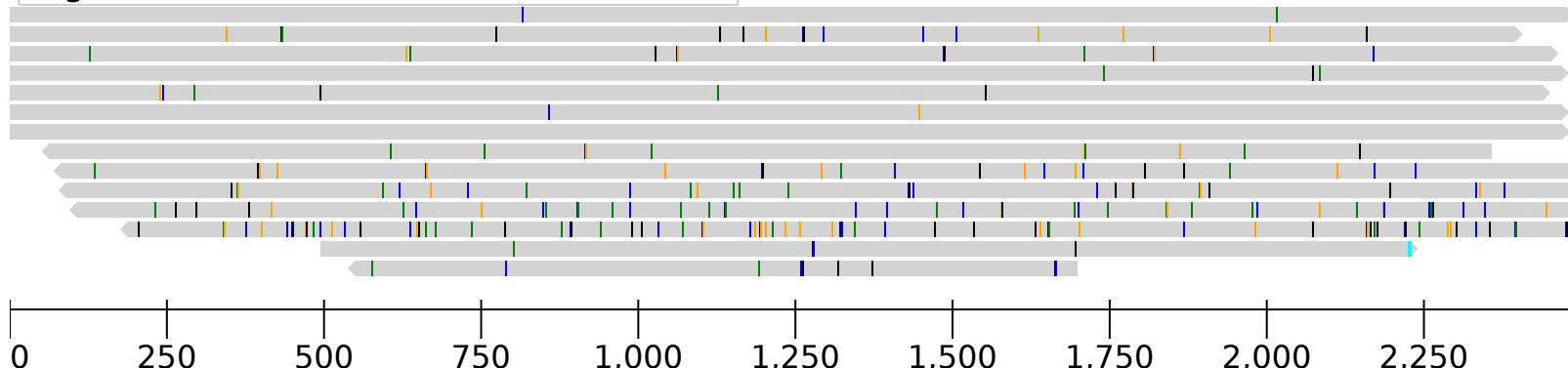
HLA-T*03:01:01:01

bam coverage



variants

Alignment (reference: constructed het 1)



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

Sample: test_HLA2

Locus: HLA-DQB1

Resolution: 4th field

Full typing result:

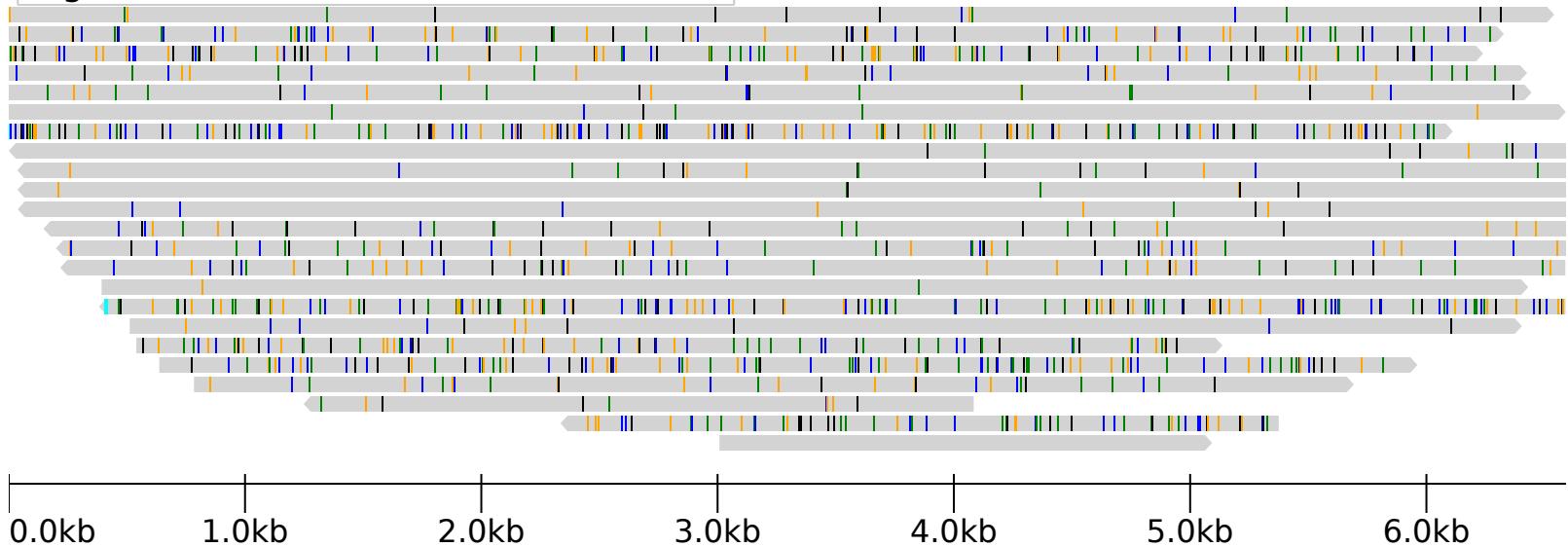
HLA-DQB1*06:14:02	HLA-DQB1*06:02:01:01	HLA-DQB1*06:02:01:15
HLA-DQB1*06:451	HLA-DQB1*06:02:01:03	HLA-DQB1*06:02:01:23
HLA-DQB1*06:306N	HLA-DQB1*06:02:01:02	HLA-DQB1*06:02:01:08
HLA-DQB1*06:02:01:10	HLA-DQB1*06:02:01:11	HLA-DQB1*06:02:01:12
HLA-DQB1*06:02:01:13	HLA-DQB1*06:02:01:16	HLA-DQB1*06:02:01:17

bam coverage



variants

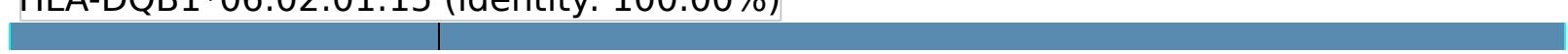
Alignment (reference: constructed het 1)



HLA-DQB1*06:14:02 (identity: 100.00%)



HLA-DQB1*06:02:01:01 (identity: 100.00%)



HLA-DQB1*06:02:01:15 (identity: 100.00%)



HLA-DQB1*06:451 (identity: 100.00%)



HLA-DQB1*06:02:01:03 (identity: 99.98%)



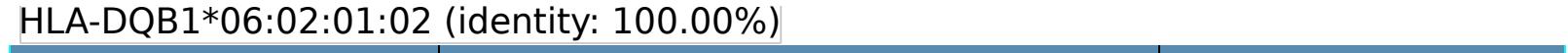
HLA-DQB1*06:02:01:23 (identity: 99.98%)



HLA-DQB1*06:306N (identity: 99.98%)



HLA-DQB1*06:02:01:02 (identity: 100.00%)



HLA-DQB1*06:02:01:08 (identity: 100.00%)



HLA-DQB1*06:02:01:10 (identity: 100.00%)



Sample: test_HLA2

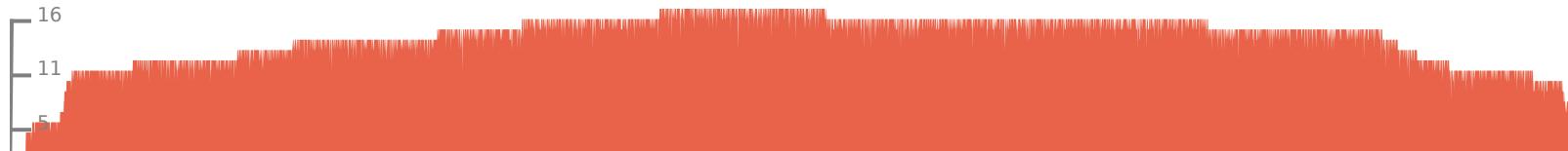
Locus: HLA-DMB

Resolution: 4th field

Full typing result:

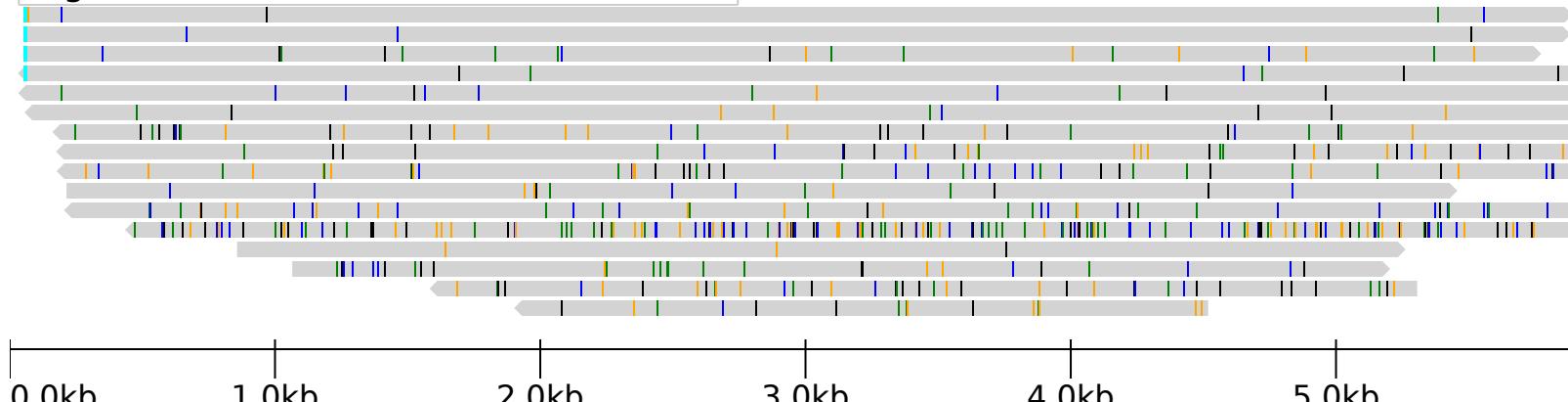
HLA-DMB*01:01:01:24

bam coverage



variants

Alignment (reference: constructed het 1)



HLA-DMB*01:01:01:24 (identity: 100.00%)

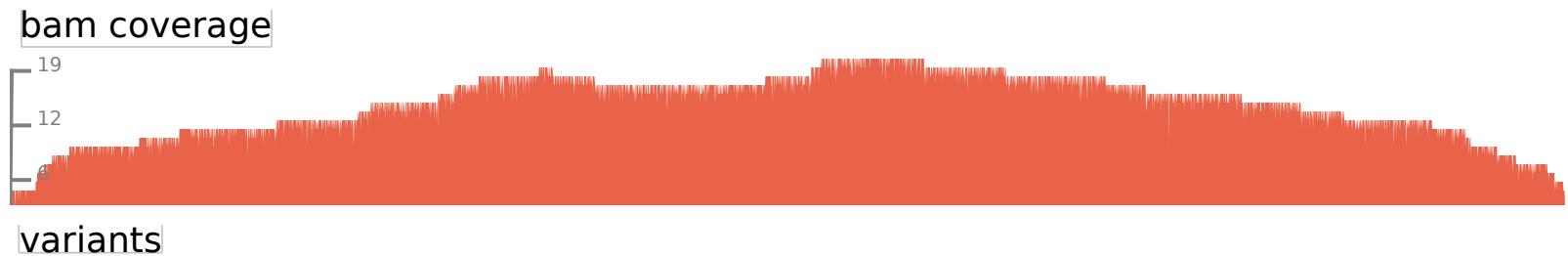
Sample: test_HLA2

Locus: HLA-DPA1

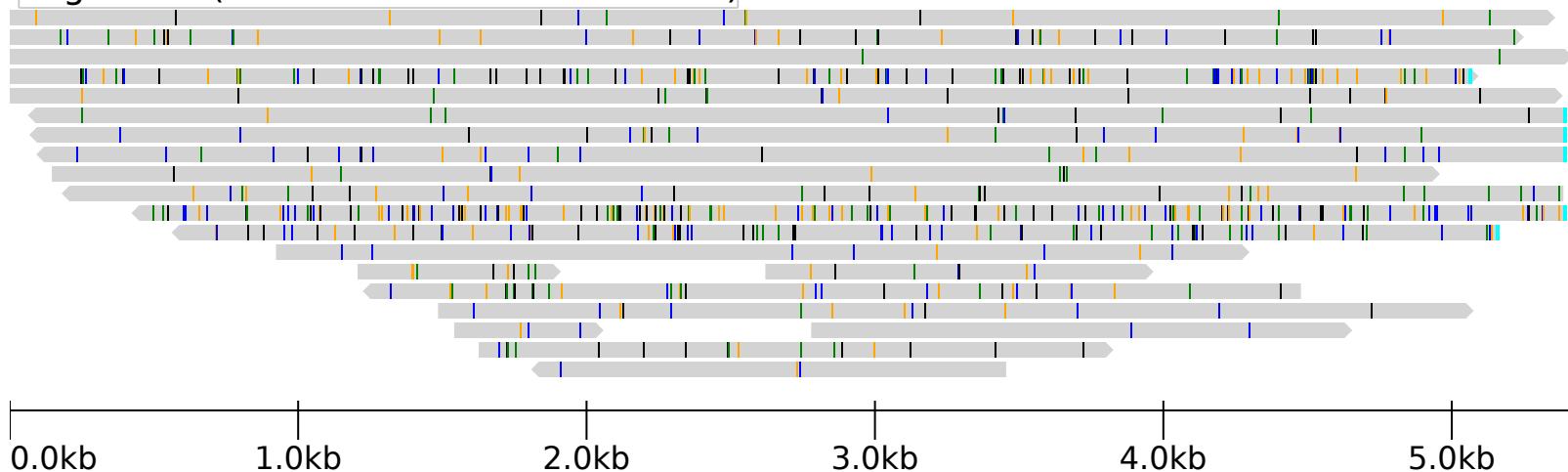
Resolution: 4th field

Full typing result:

HLA-DPA1*01:183



Alignment (reference: constructed het 1)



HLA-DPA1*01:183 (identity: 100.00%)

Sample: test_HLA2

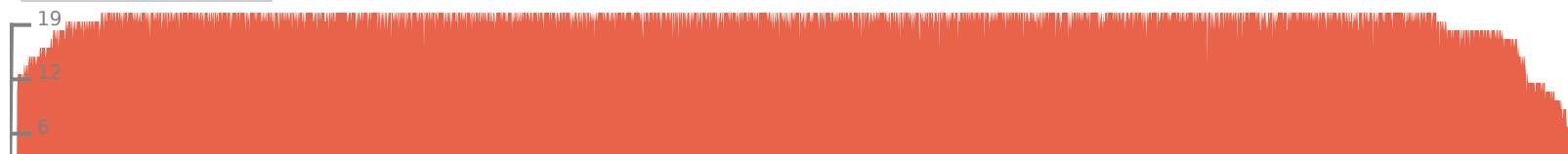
Locus: HLA-E

Resolution: 4th field

Full typing result:

HLA-E*01:01:01:16

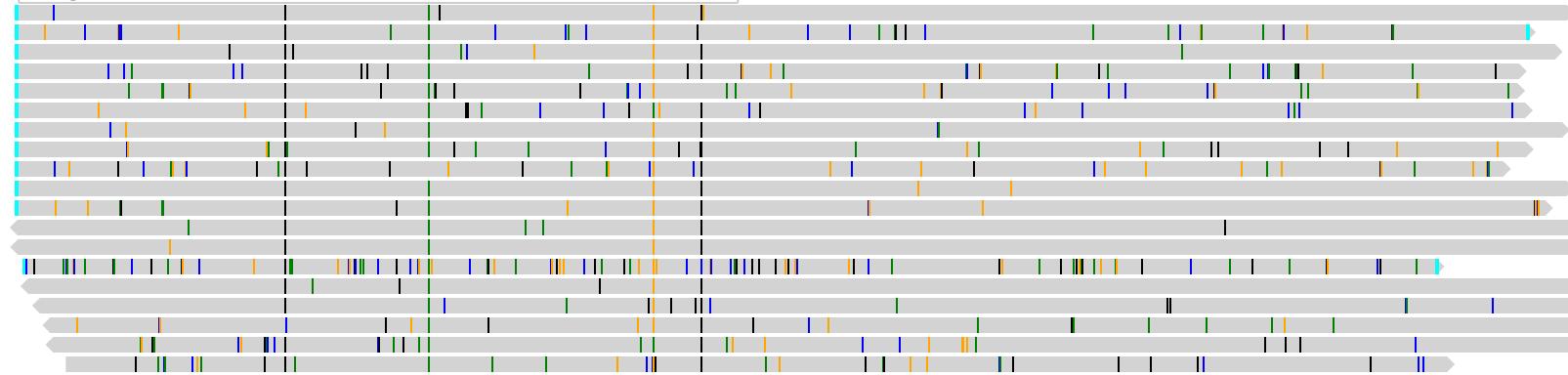
bam coverage



variants



Alignment (reference: constructed het 2)



0.0kb 1.0kb 2.0kb 3.0kb

HLA-E*01:01:01:16 (identity: 100.00%)

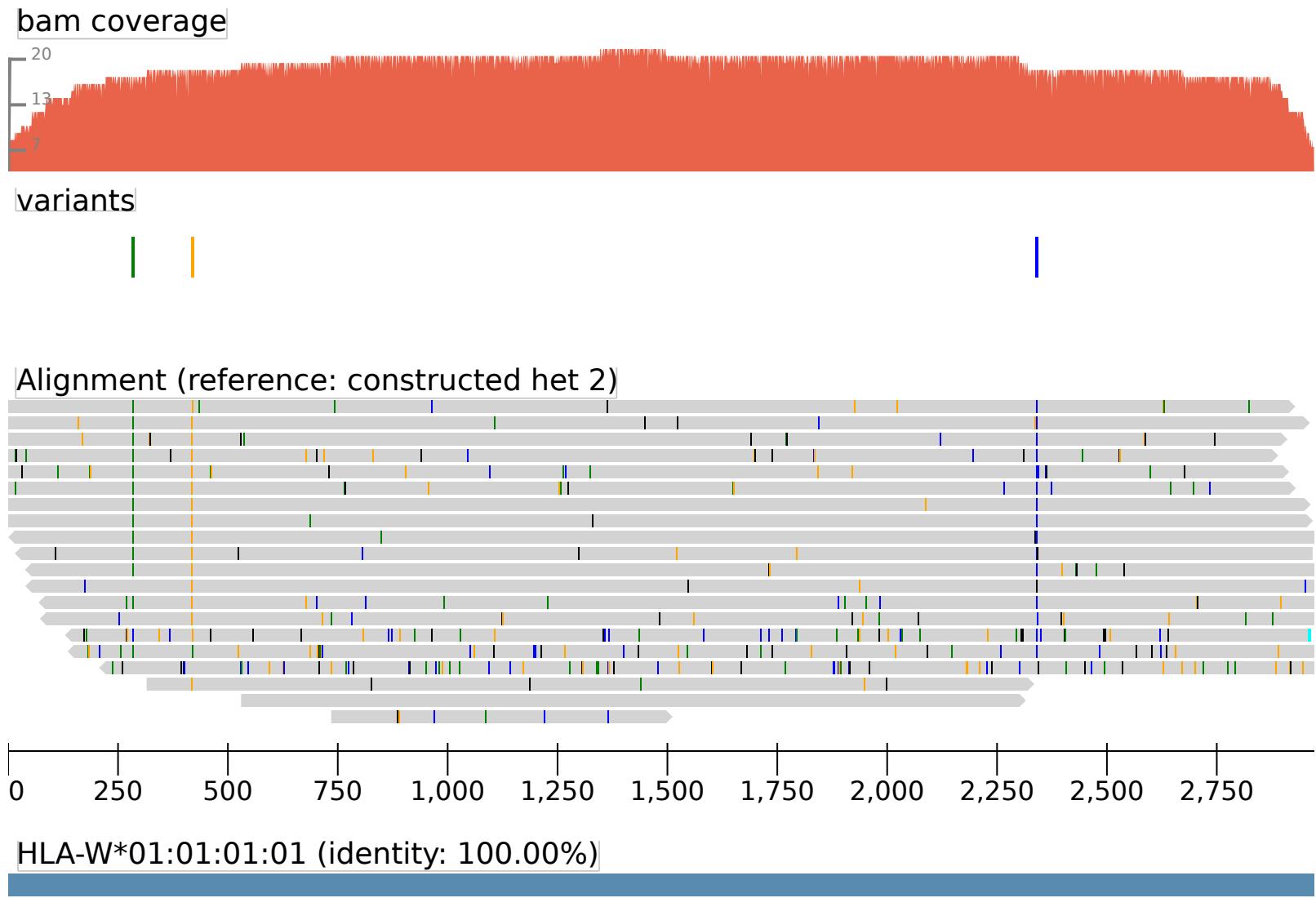
Sample: test_HLA2

Locus: HLA-W

Resolution: 4th field

Full typing result:

HLA-W*01:01:01:01



Sample: test_HLA2

Locus: HLA-B

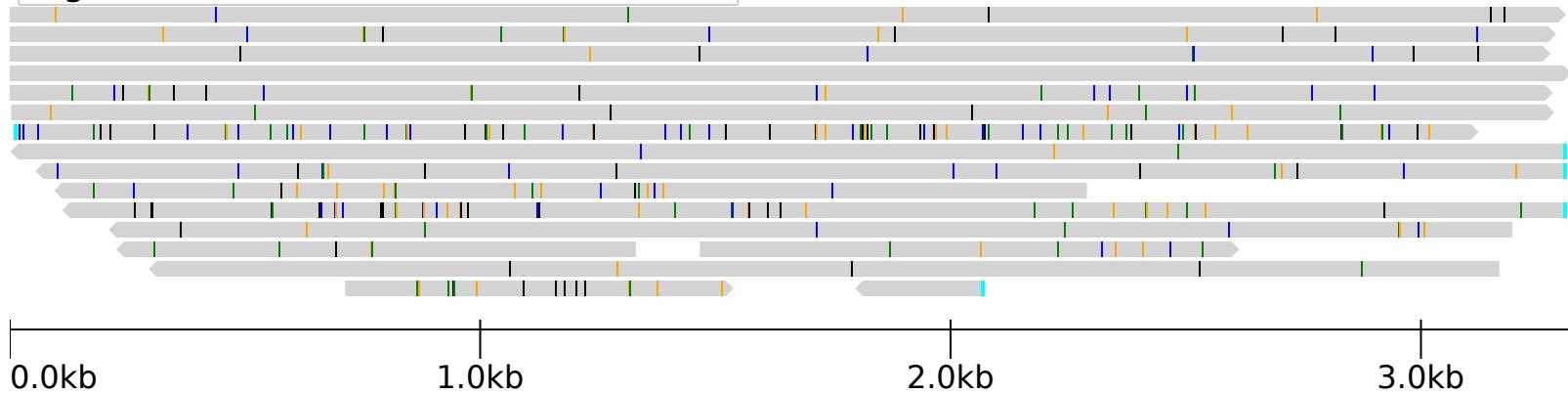
Resolution: 4th field

Full typing result:

HLA-B*44:02:37



Alignment (reference: constructed het 1)



HLA-B*44:02:37 (identity: 100.00%)

Sample: test_HLA2

Locus: HLA-G

Resolution: 4th field

Full typing result:

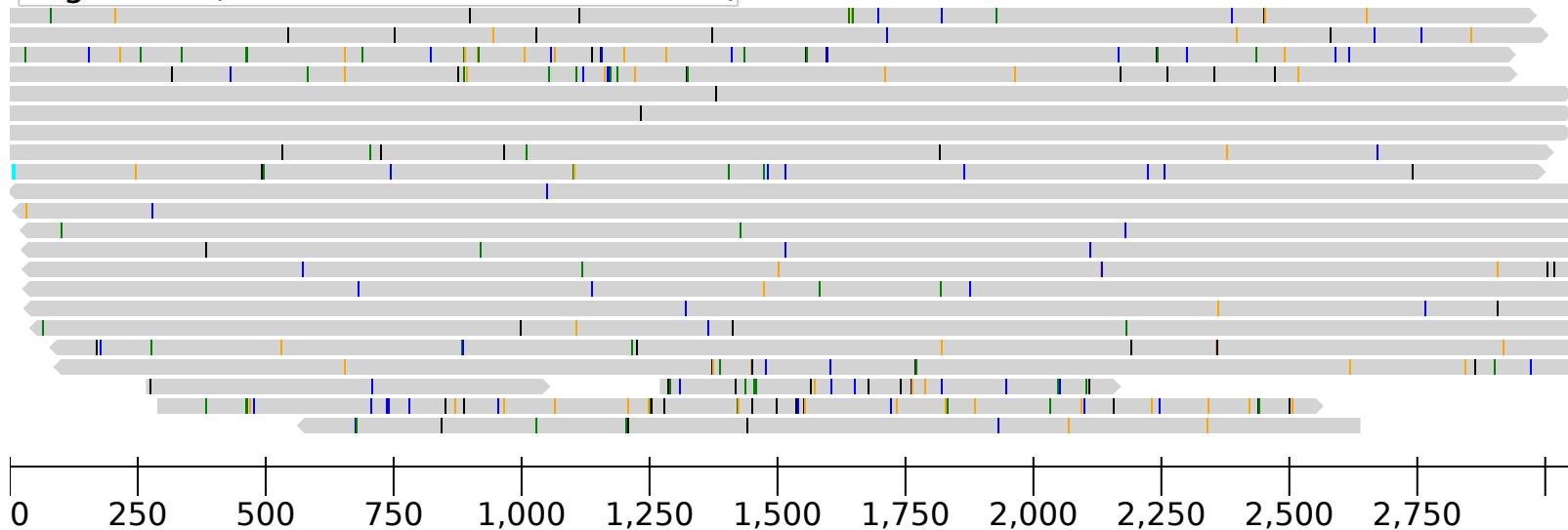
HLA-G*01:01:03:04

bam coverage



variants

Alignment (reference: constructed het 1)



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

Sample: test_HLA2

Locus: HLA-U

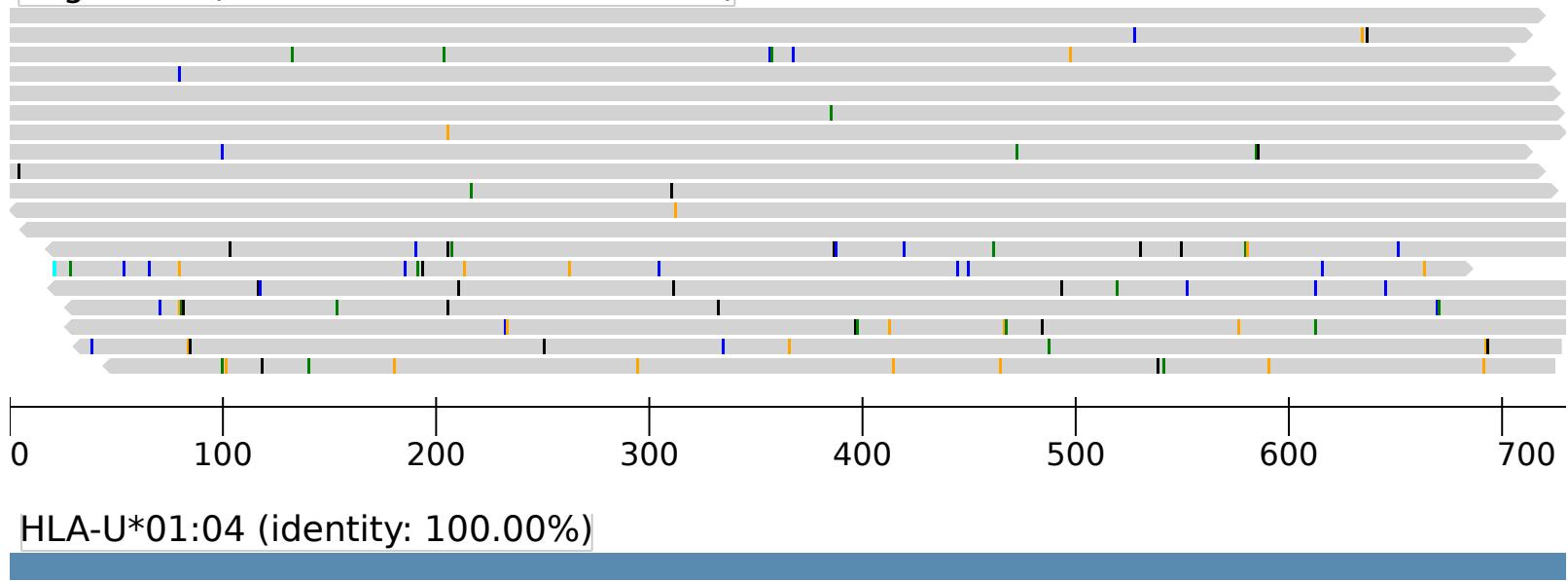
Resolution: 4th field

Full typing result:

HLA-U*01:04



Alignment (reference: constructed het 1)



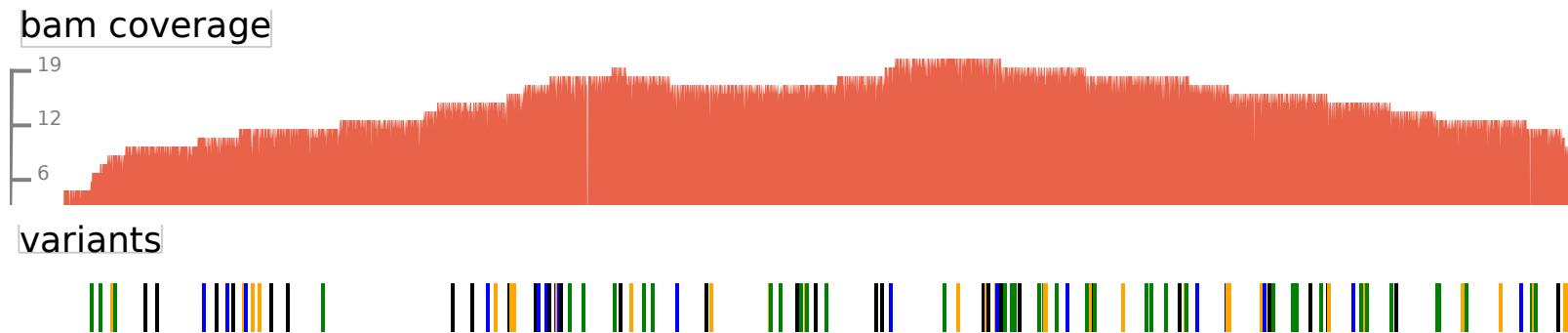
Sample: test_HLA2

Locus: HLA-DPA1

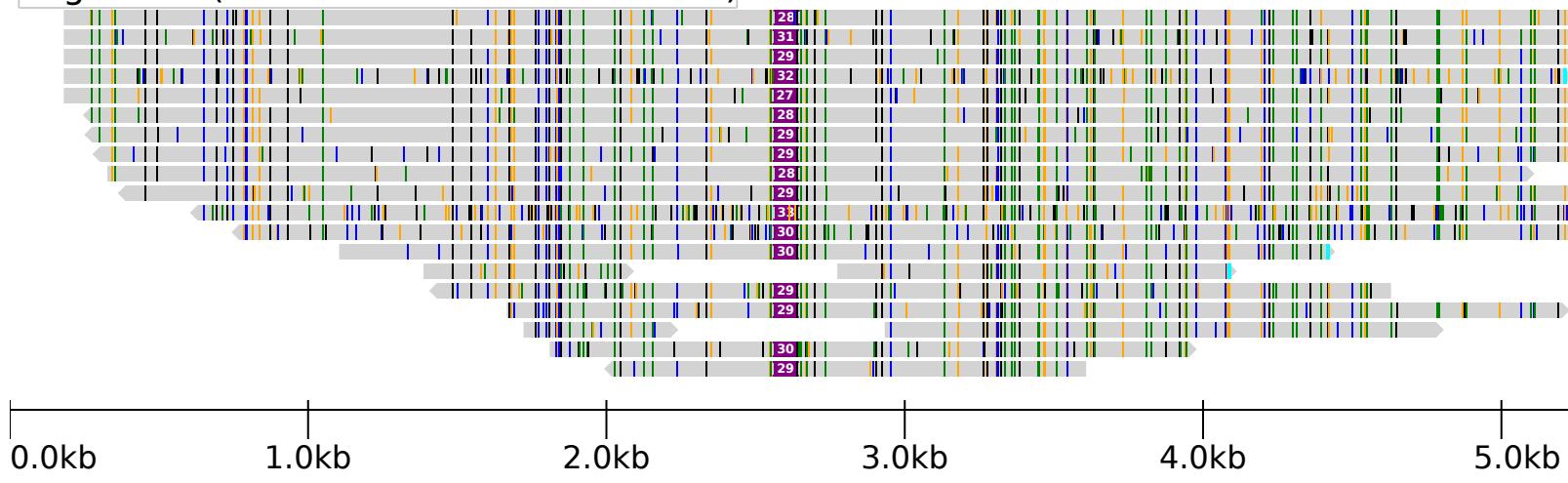
Resolution: 4th field

Full typing result:

HLA-DPA1*02:01:20



Alignment (reference: constructed het 2)



HLA-DPA1*02:01:20 (identity: 100.00%)

Sample: test_HLA2

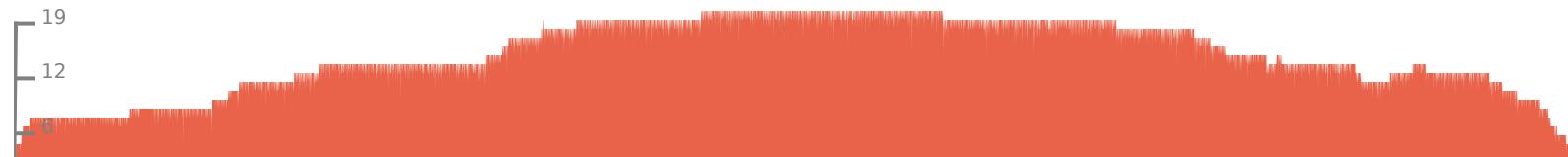
Locus: MICA

Resolution: 4th field

Full typing result:

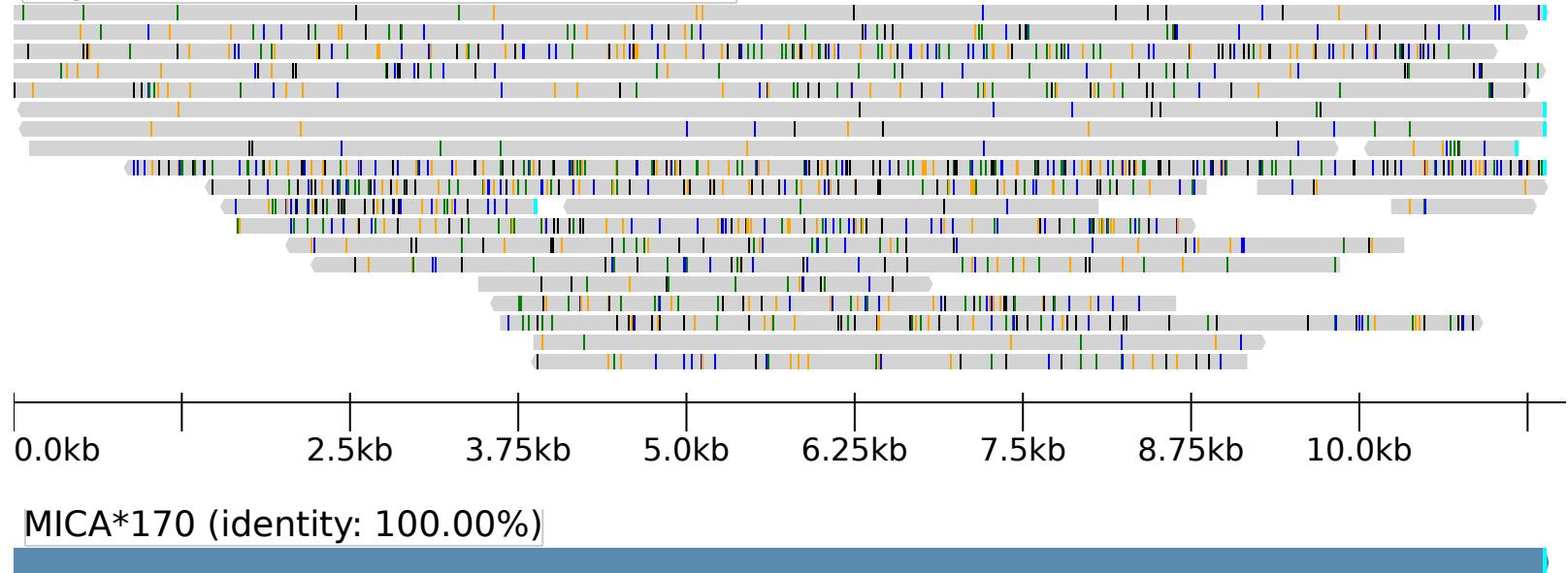
MICA*170

bam coverage



variants

Alignment (reference: constructed het 1)



Sample: test_HLA2

Locus: HLA-P

Resolution: 4th field

Full typing result:

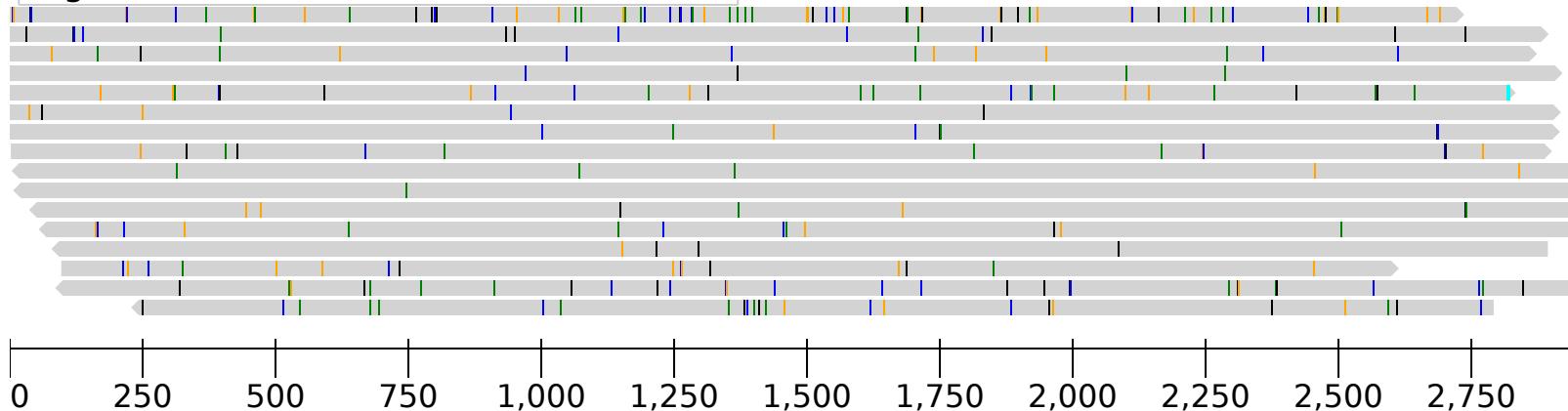
HLA-P*01:02

bam coverage



variants

Alignment (reference: constructed het 1)



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

Sample: test_HLA2

Locus: TAP2

Resolution: 4th field

Full typing result:

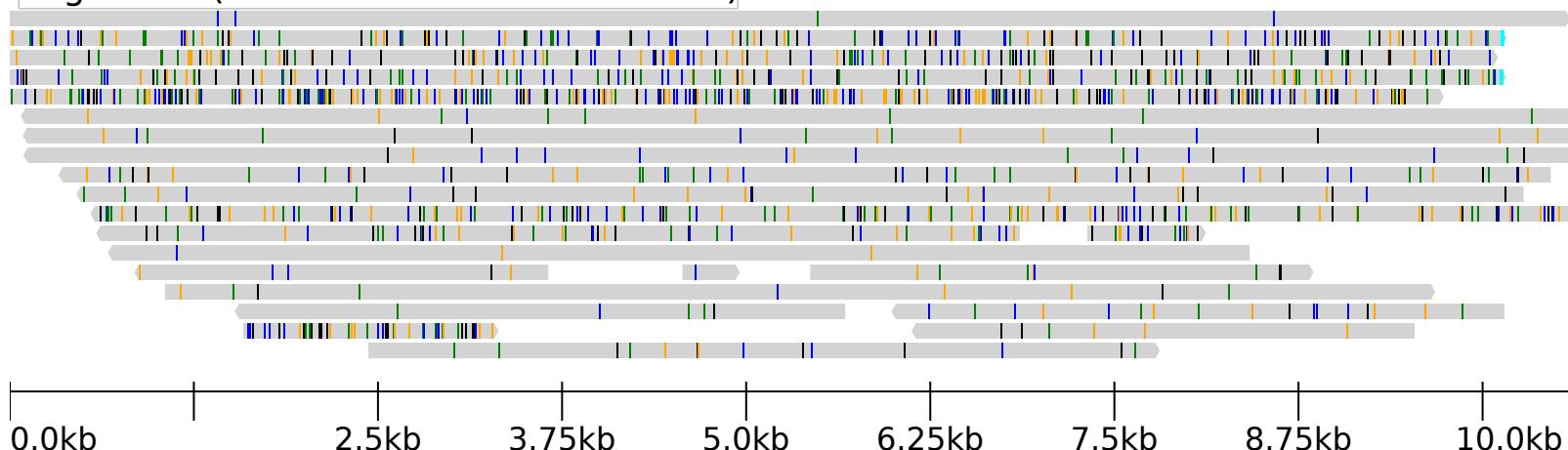
TAP2*02:01:02:03

bam coverage



variants

Alignment (reference: constructed het 1)



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

Sample: test_HLA2

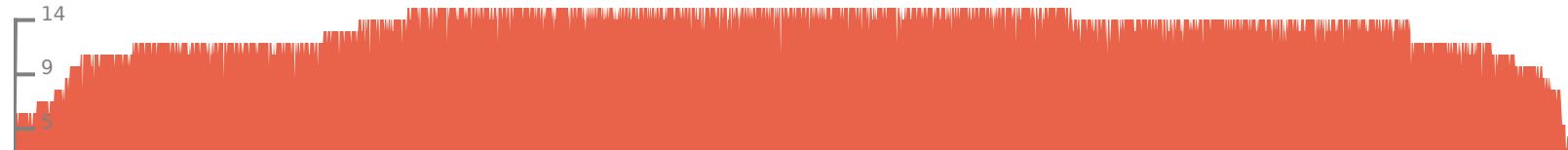
Locus: HLA-T

Resolution: 4th field

Full typing result:

HLA-T*02:01:01:01

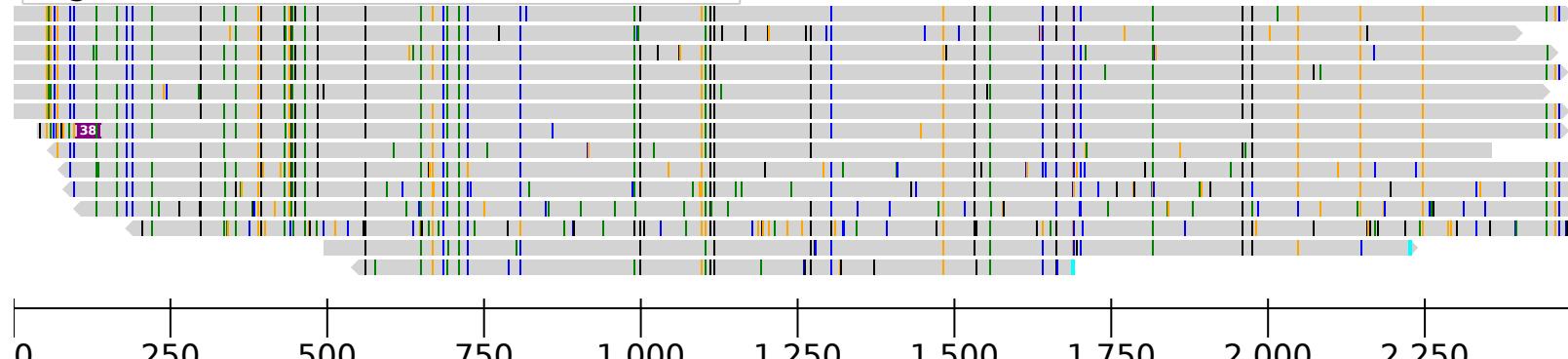
bam coverage



variants



Alignment (reference: constructed het 2)



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

Sample: test_HLA2

Locus: HLA-F

Resolution: 4th field

Full typing result:

HLA-F*01:01:01:14

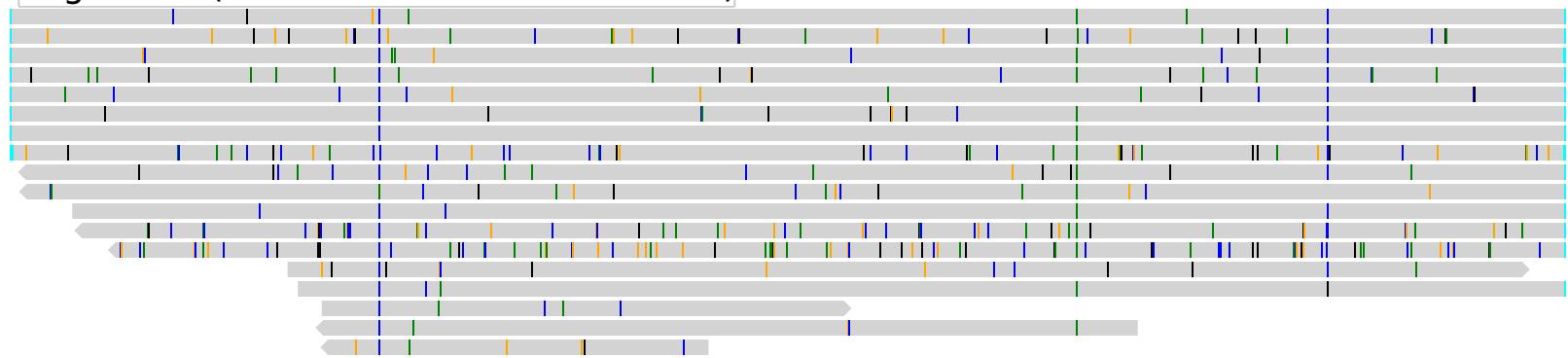
bam coverage



variants



Alignment (reference: constructed het 2)



0.0kb

1.0kb

2.0kb

3.0kb

HLA-F*01:01:01:14 (identity: 100.00%)

Sample: test_HLA2

Locus: HLA-F

Resolution: 4th field

Full typing result:

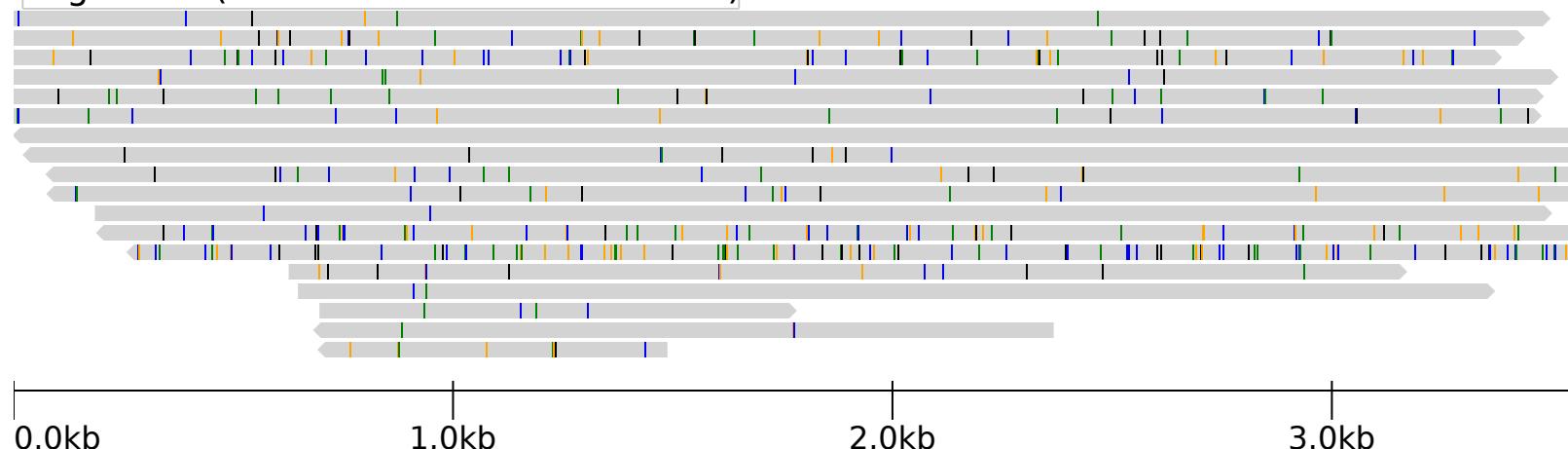
HLA-F*01:01:01:27

bam coverage



variants

Alignment (reference: constructed het 1)



HLA-F*01:01:01:27 (identity: 100.00%)

Sample: test_HLA2

Locus: HLA-B

Resolution: 4th field

Full typing result:

HLA-B*27:184

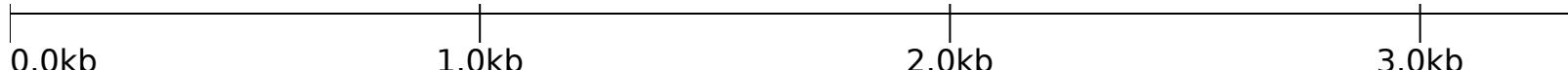
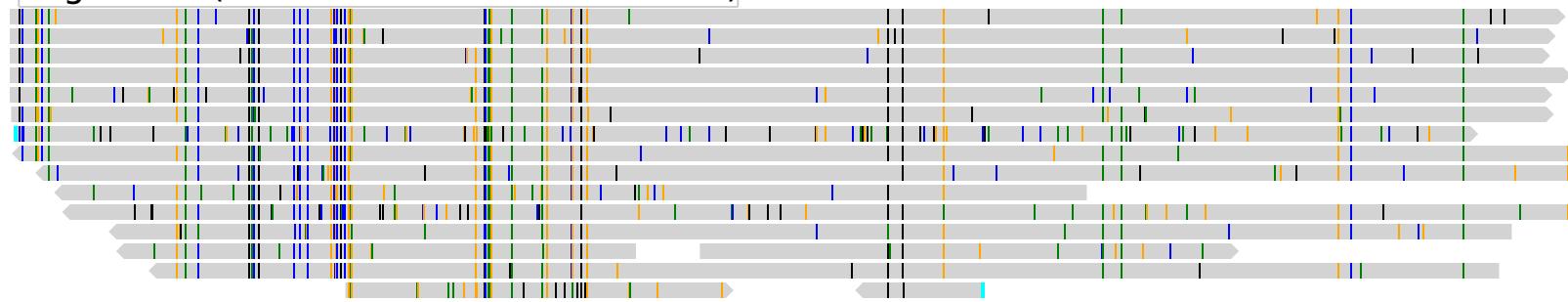
bam coverage



variants



Alignment (reference: constructed het 2)



HLA-B*27:184 (identity: 100.00%)

Sample: test_HLA2

Locus: HLA-S

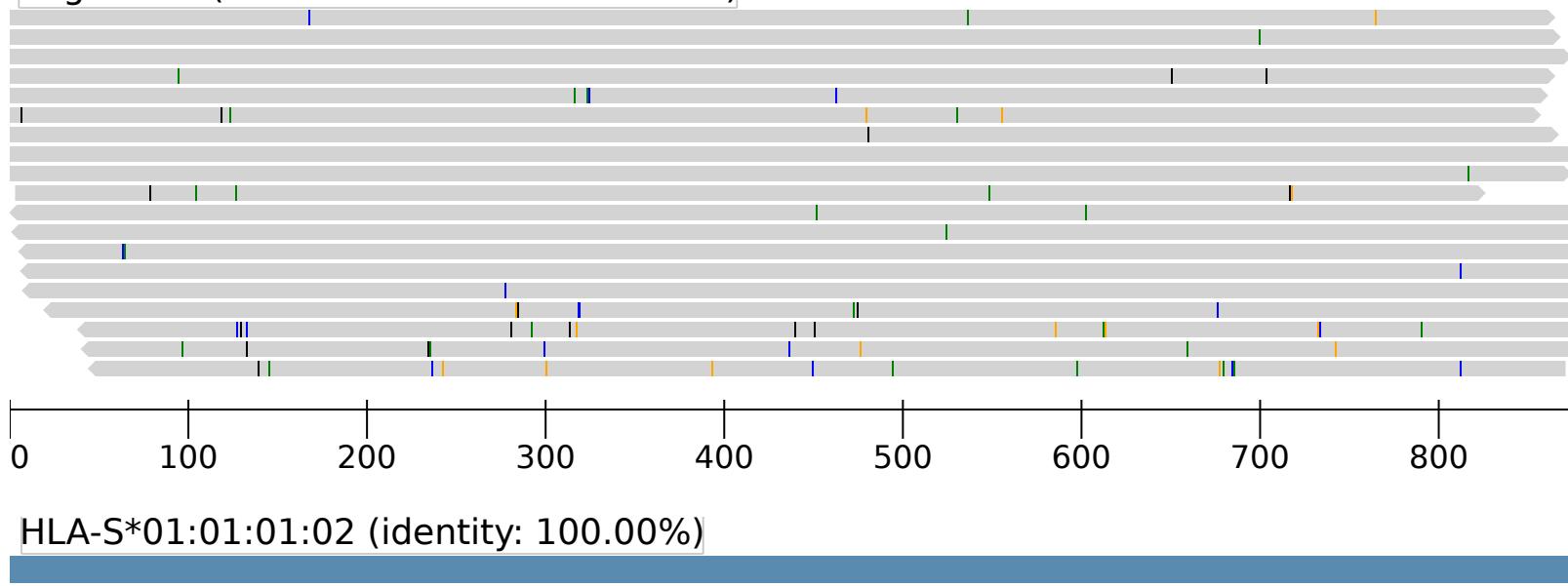
Resolution: 4th field

Full typing result:

HLA-S*01:01:01:02



Alignment (reference: constructed het 1)



Sample: test_HLA2

Locus: MICB

Resolution: 4th field

Full typing result:

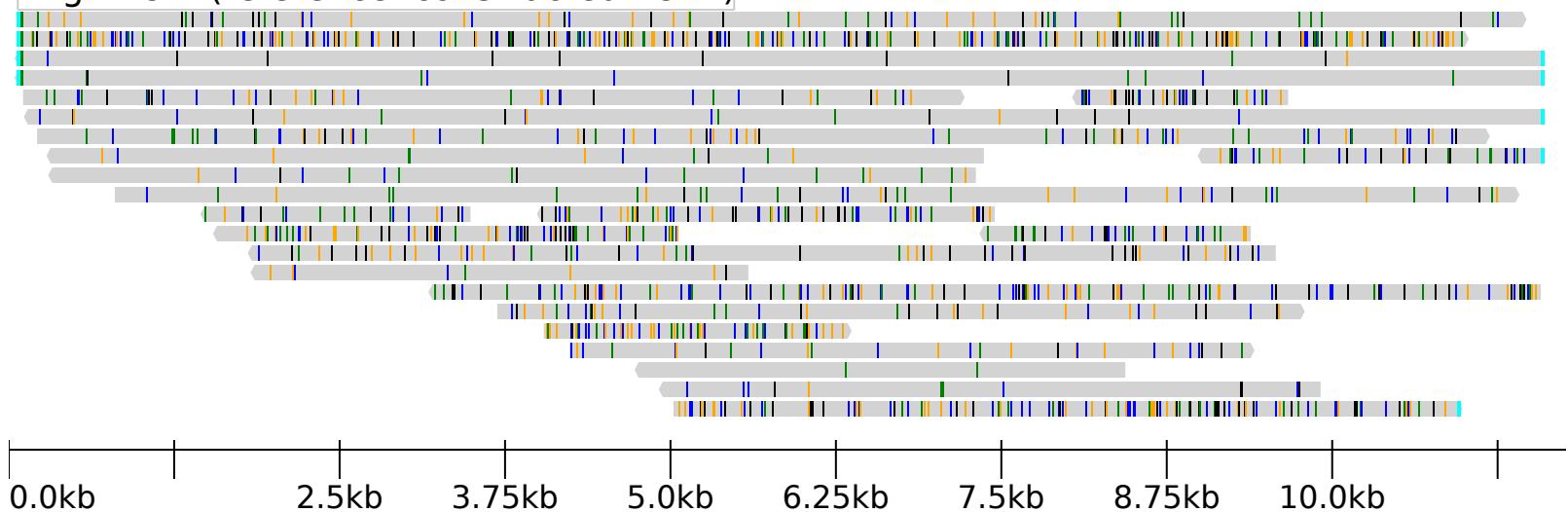
MICB*004:01:18	MICB*004:01:01	MICB*004:01:17
MICB*004:01:22	MICB*004:01:07	MICB*020:01:02
MICB*024:01:01	MICB*046	MICB*050
MICB*004:01:13	MICB*004:01:02	MICB*004:01:05
MICB*004:01:16	MICB*004:01:25	MICB*024:01:06

bam coverage



variants

Alignment (reference: constructed het 1)



MICB*004:01:18 (identity: 100.00%)

MICB*004:01:01 (identity: 99.97%)

MICB*004:01:17 (identity: 99.99%)

MICB*004:01:22 (identity: 99.99%)

MICB*004:01:07 (identity: 99.97%)

MICB*020:01:02 (identity: 99.97%)

MICB*024:01:01 (identity: 99.97%)

MICB*046 (identity: 99.97%)

MICB*050 (identity: 99.97%)

MICB*004:01:13 (identity: 99.97%)

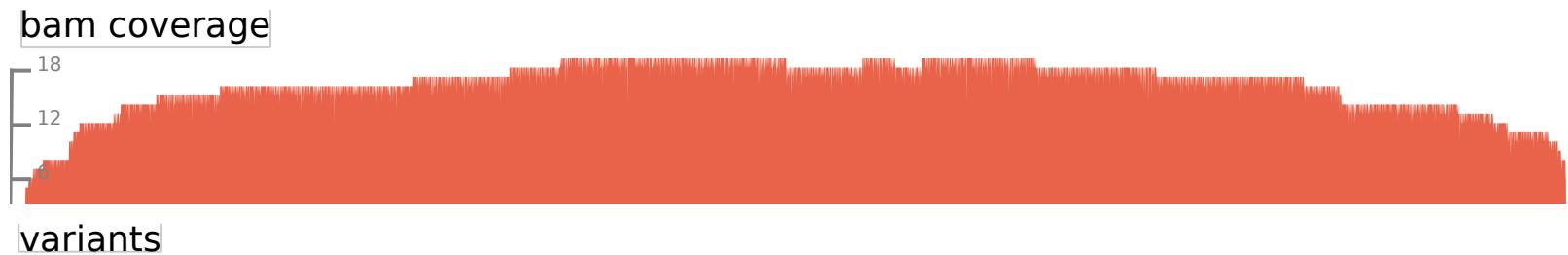
Sample: test_HLA2

Locus: HFE

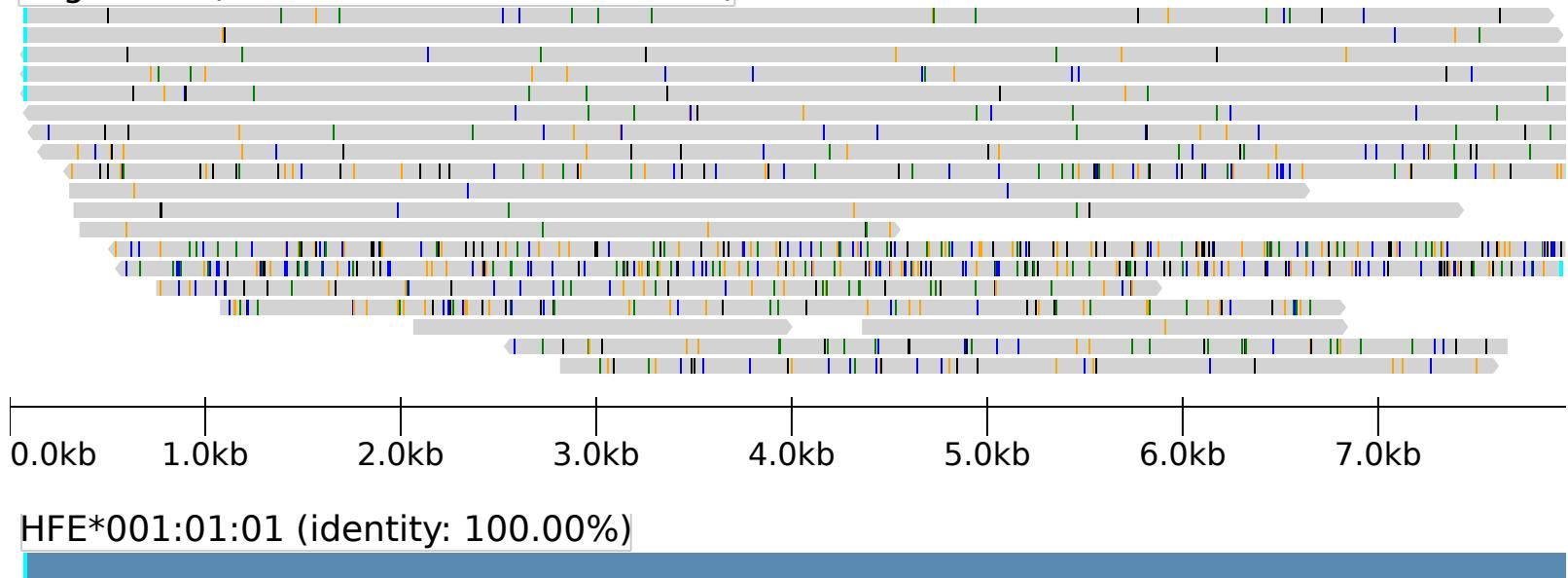
Resolution: 4th field

Full typing result:

HFE*001:01:01



Alignment (reference: constructed het 1)

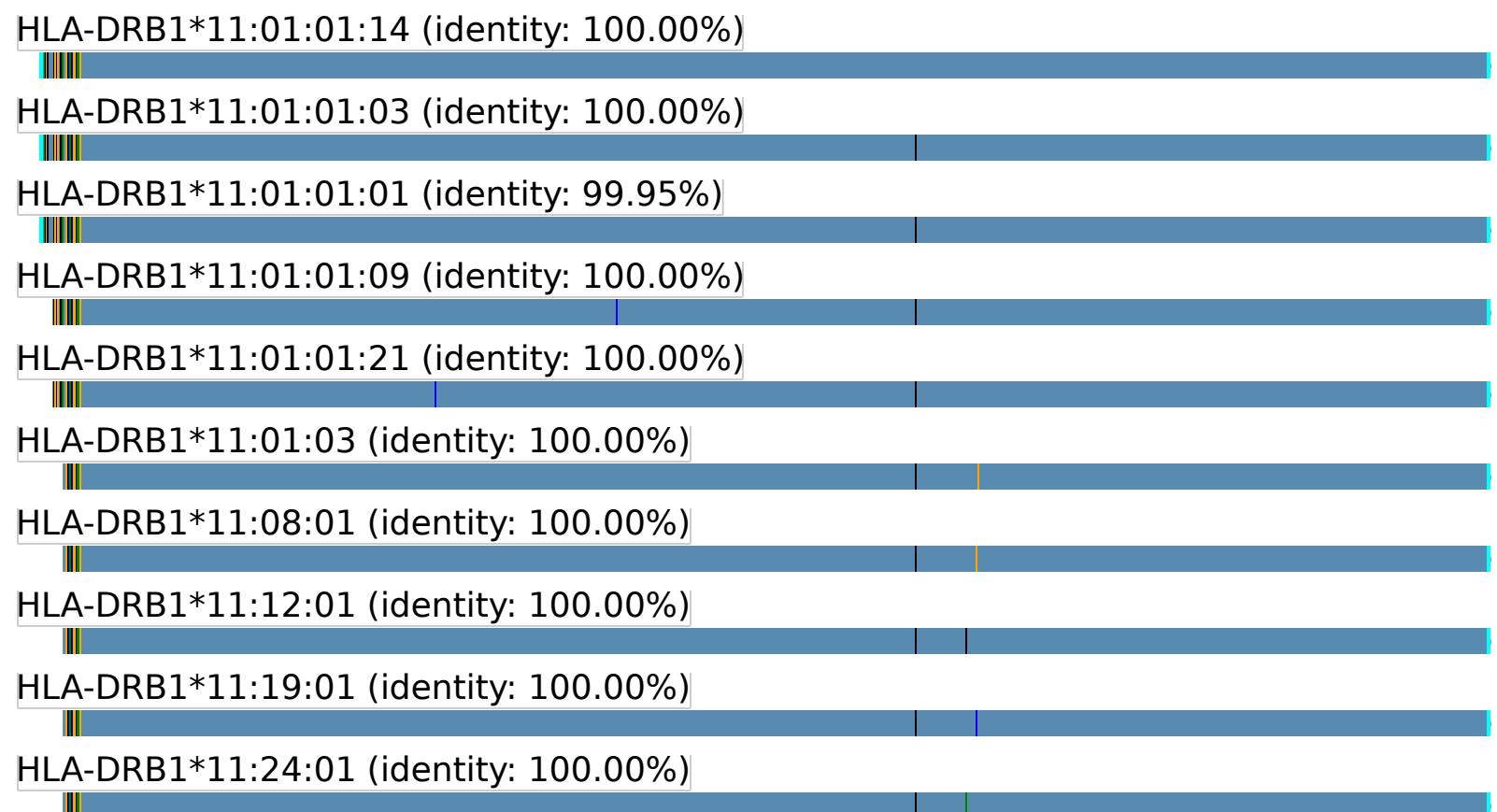
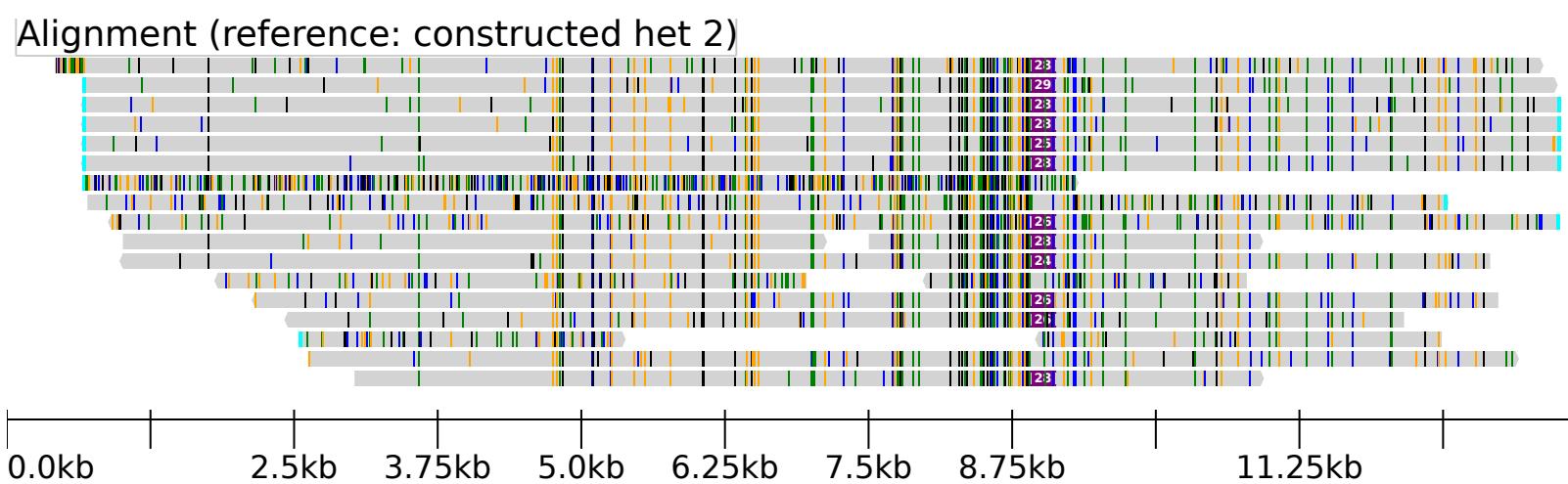
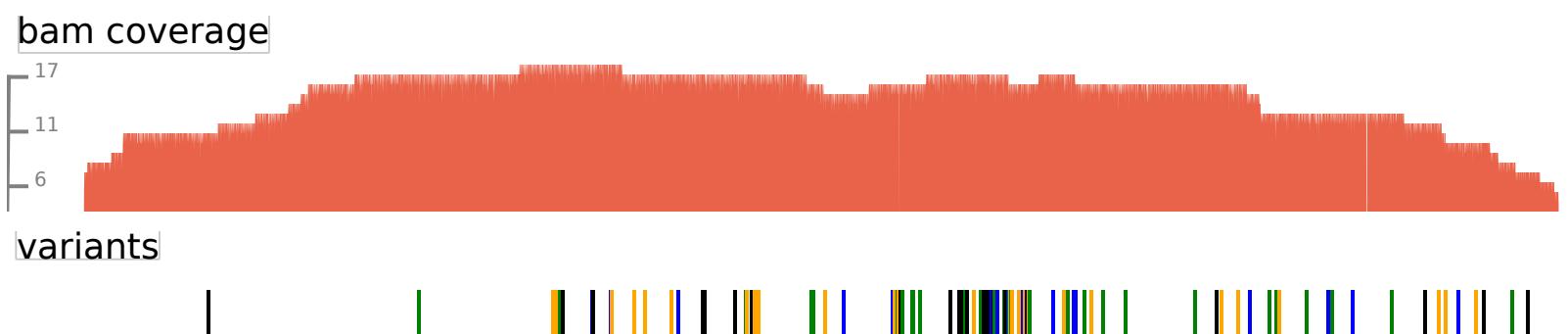
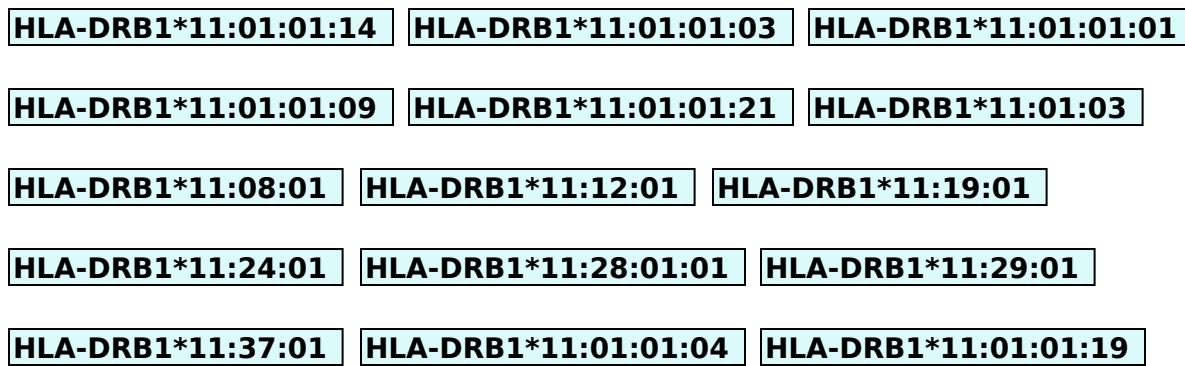


Sample: test HLA2

Locus: HLA-DRB1

Resolution: 4th field

Full typing result:



Sample: test_HLA2

Locus: MICA

Resolution: 4th field

Full typing result:

MICA*008:17

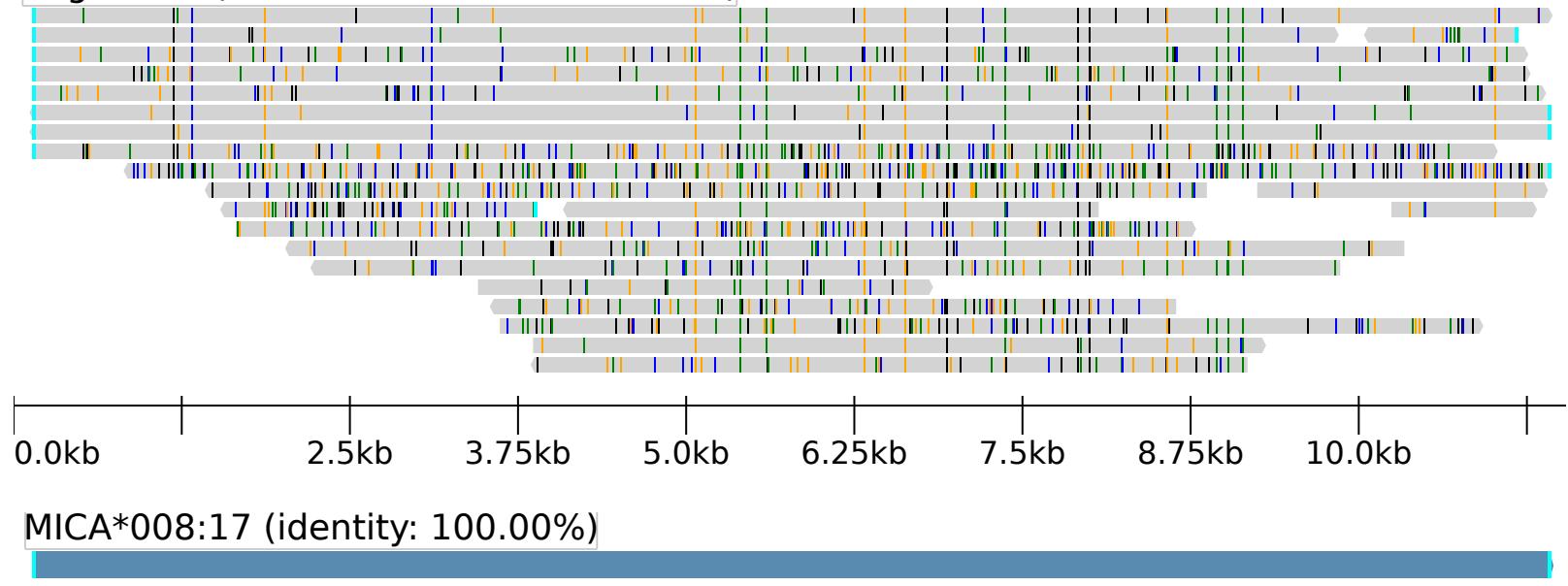
bam coverage



variants



Alignment (reference: constructed het 2)



Sample: test_HLA2

Locus: HLA-P

Resolution: 4th field

Full typing result:

HLA-P*02:01:01:01

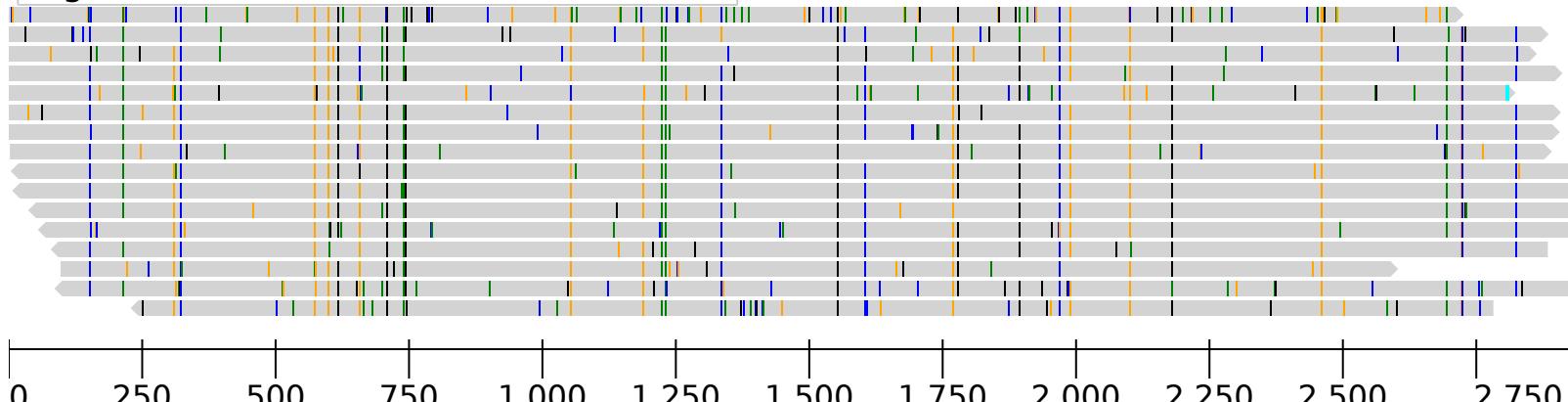
bam coverage



variants



Alignment (reference: constructed het 2)



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

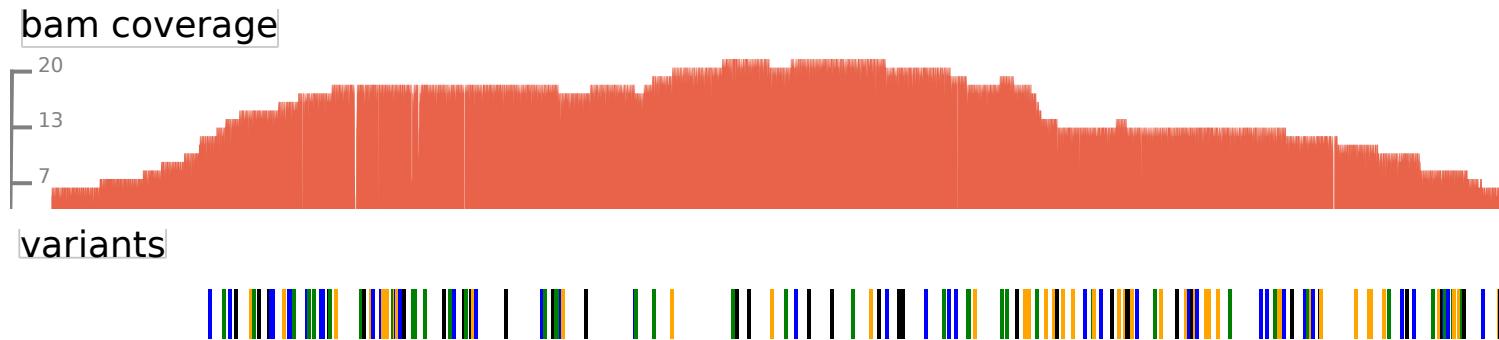
Sample: test_HLA2

Locus: HLA-DPB2

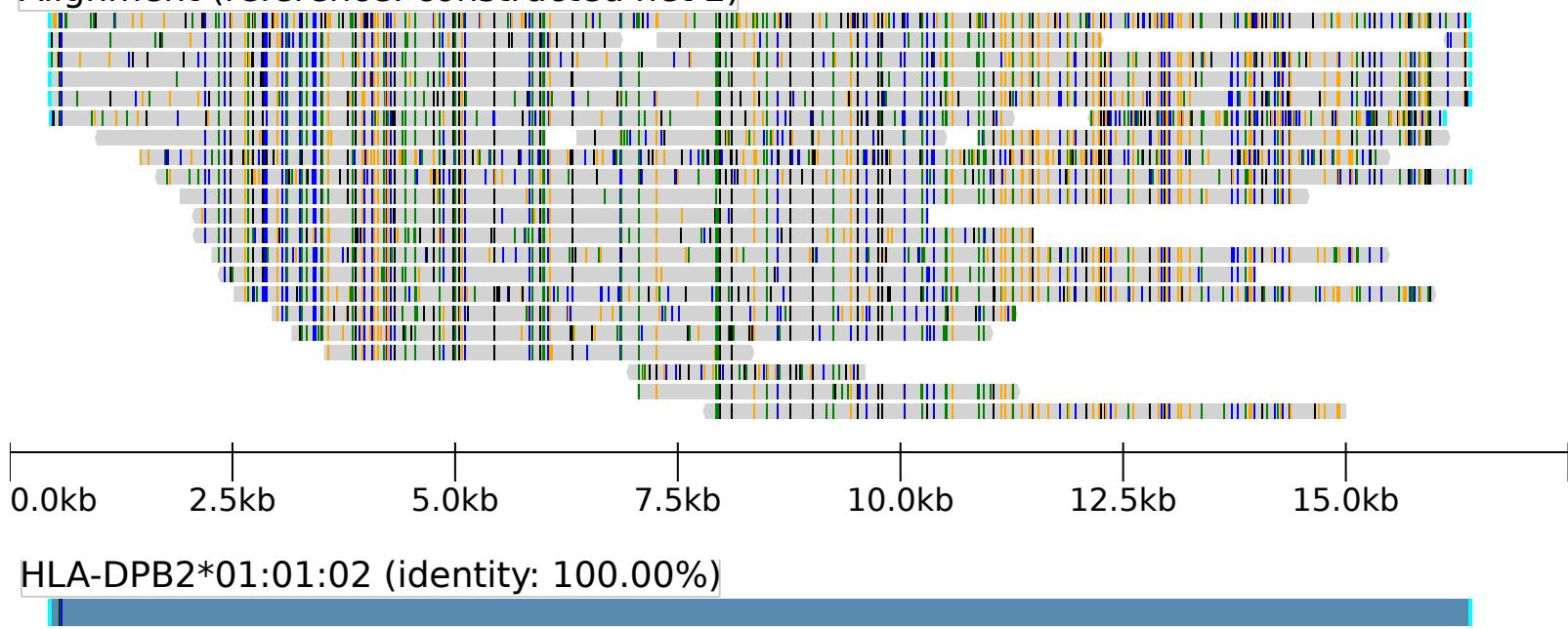
Resolution: 4th field

Full typing result:

HLA-DPB2*01:01:02



Alignment (reference: constructed het 2)



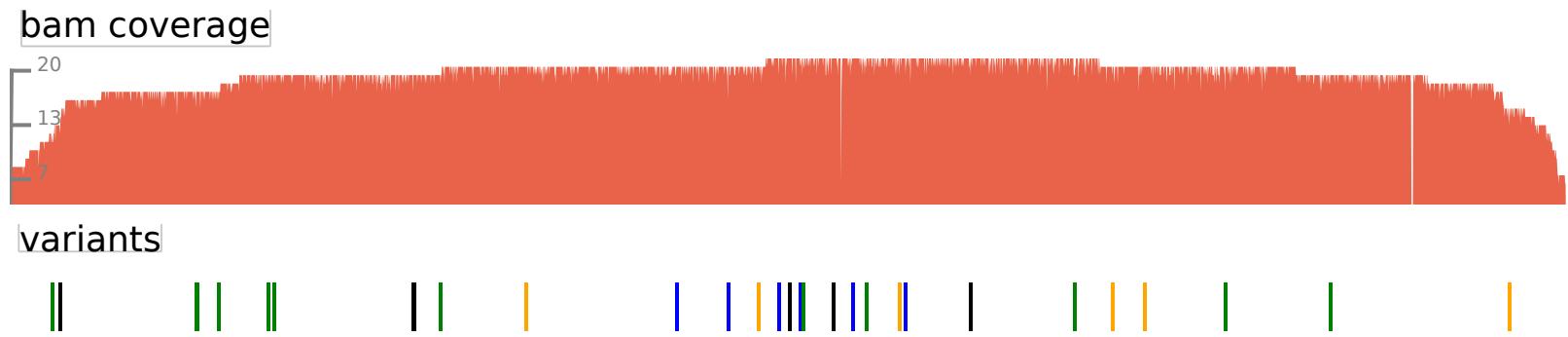
Sample: test_HLA2

Locus: HLA-J

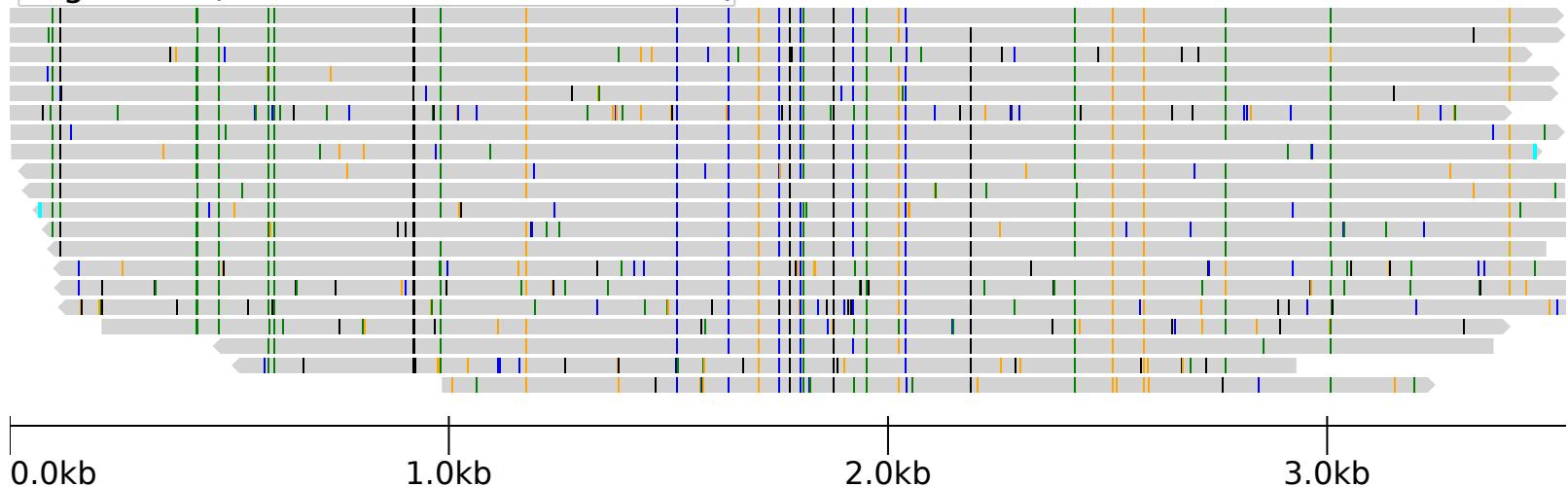
Resolution: 4th field

Full typing result:

HLA-J*01:01:01:06



Alignment (reference: constructed het 2)



HLA-J*01:01:01:06 (identity: 100.00%)

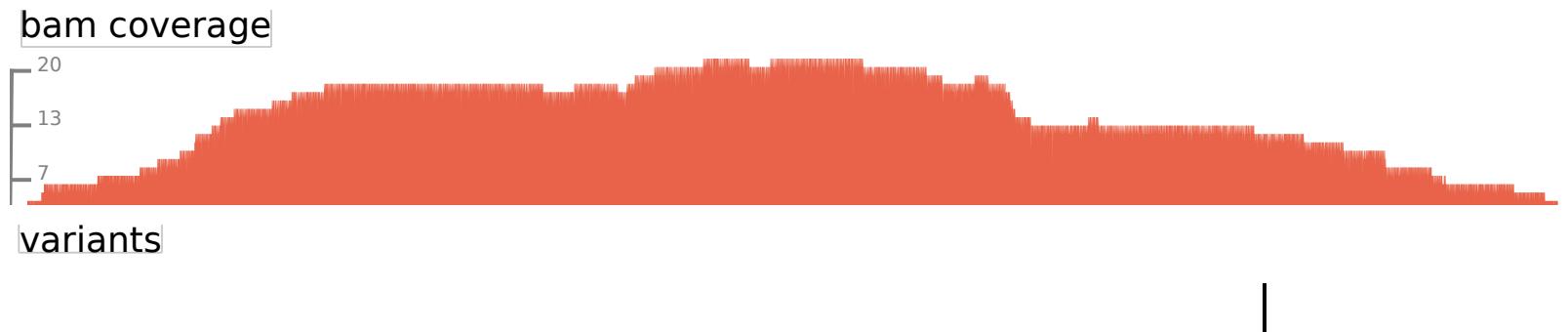
Sample: test_HLA2

Locus: HLA-DPB2

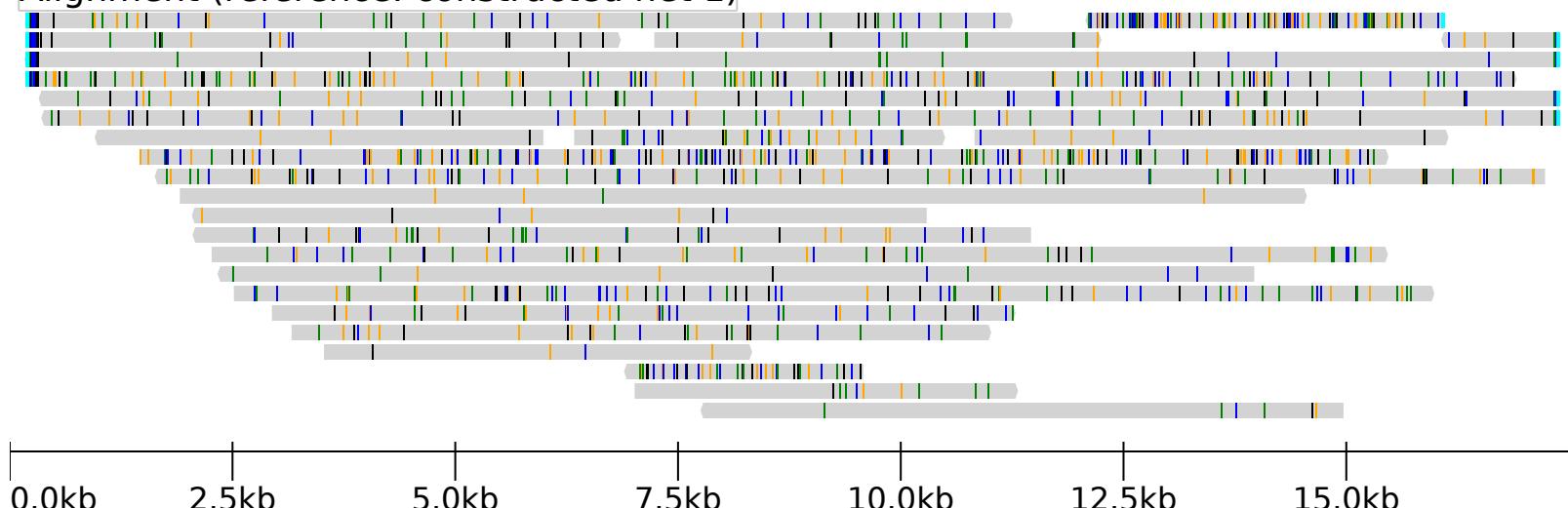
Resolution: 4th field

Full typing result:

HLA-DPB2*03:01:01:03



Alignment (reference: constructed het 1)



HLA-DPB2*03:01:01:03 (identity: 100.00%)

Sample: test_HLA2

Locus: TAP1

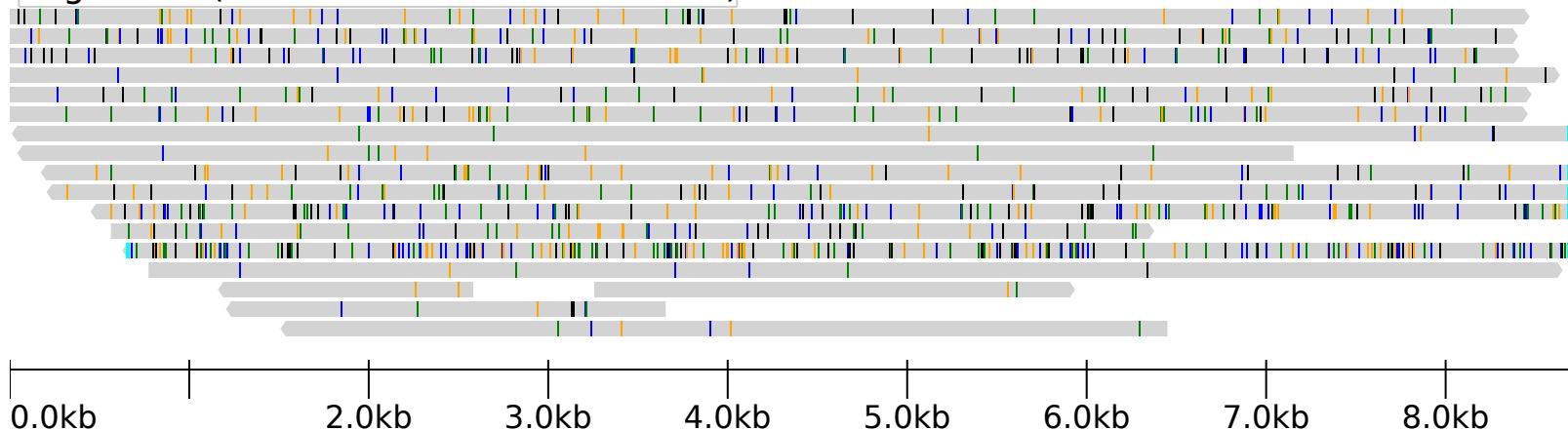
Resolution: 4th field

Full typing result:

TAP1*01:03



Alignment (reference: constructed het 1)



TAP1*01:03 (identity: 100.00%)

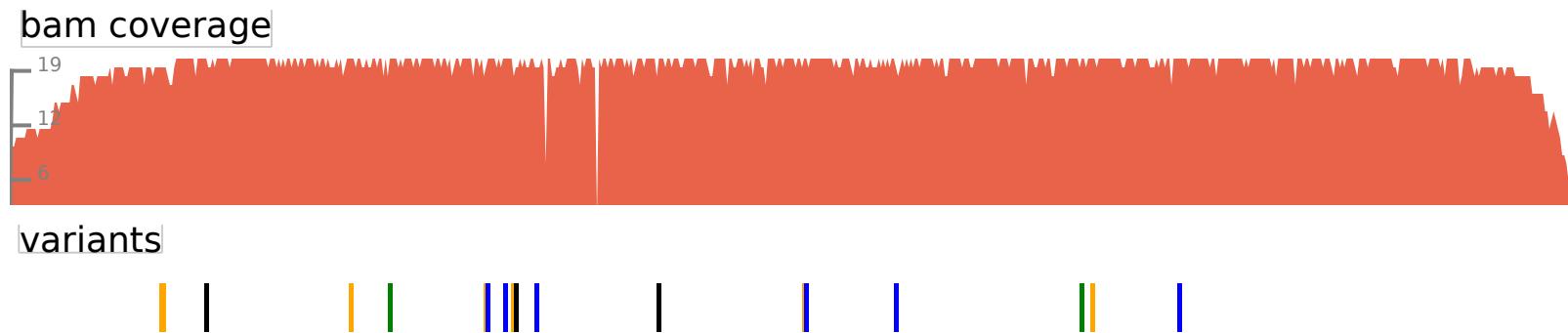
Sample: test_HLA2

Locus: HLA-U

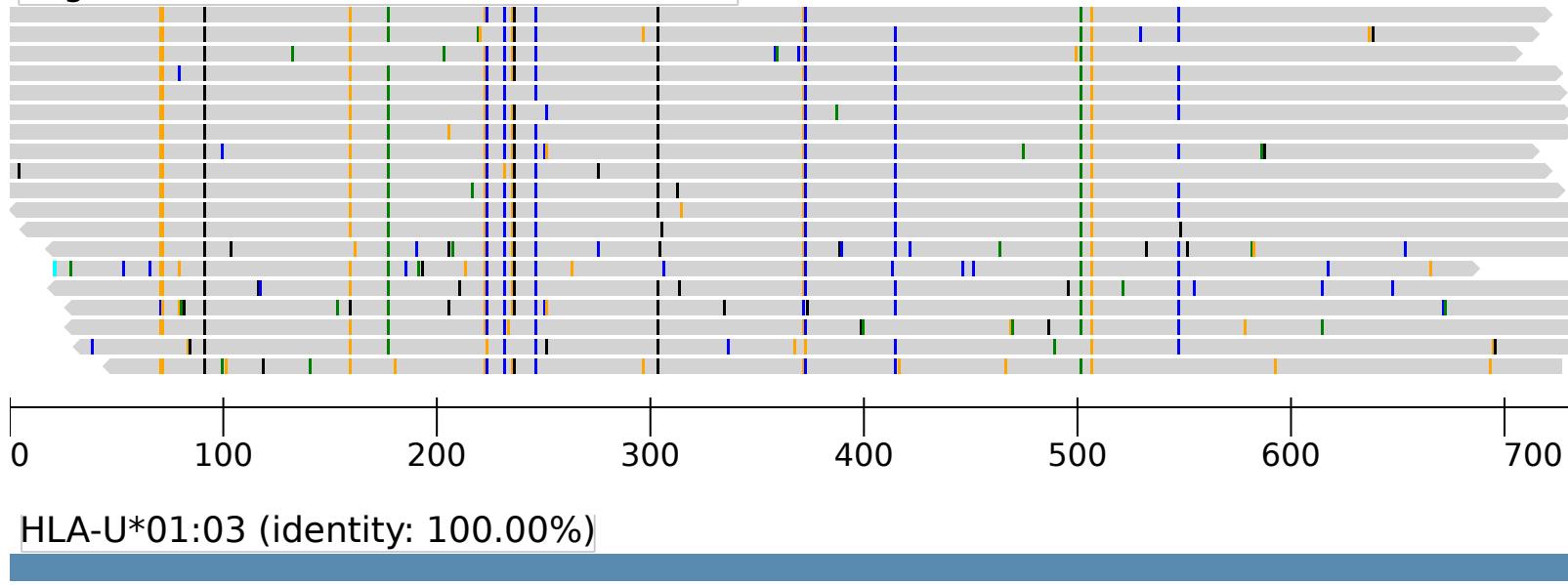
Resolution: 4th field

Full typing result:

HLA-U*01:03



Alignment (reference: constructed het 2)



Sample: test_HLA2

Locus: HLA-DRB3

Resolution: 4th field

Full typing result:

HLA-DRB3*02:02:01:09	HLA-DRB3*02:02:01:08	HLA-DRB3*02:02:01:06
HLA-DRB3*02:02:01:07	HLA-DRB3*02:02:01:11	HLA-DRB3*02:02:01:13
HLA-DRB3*02:02:01:02	HLA-DRB3*02:02:01:10	HLA-DRB3*02:193

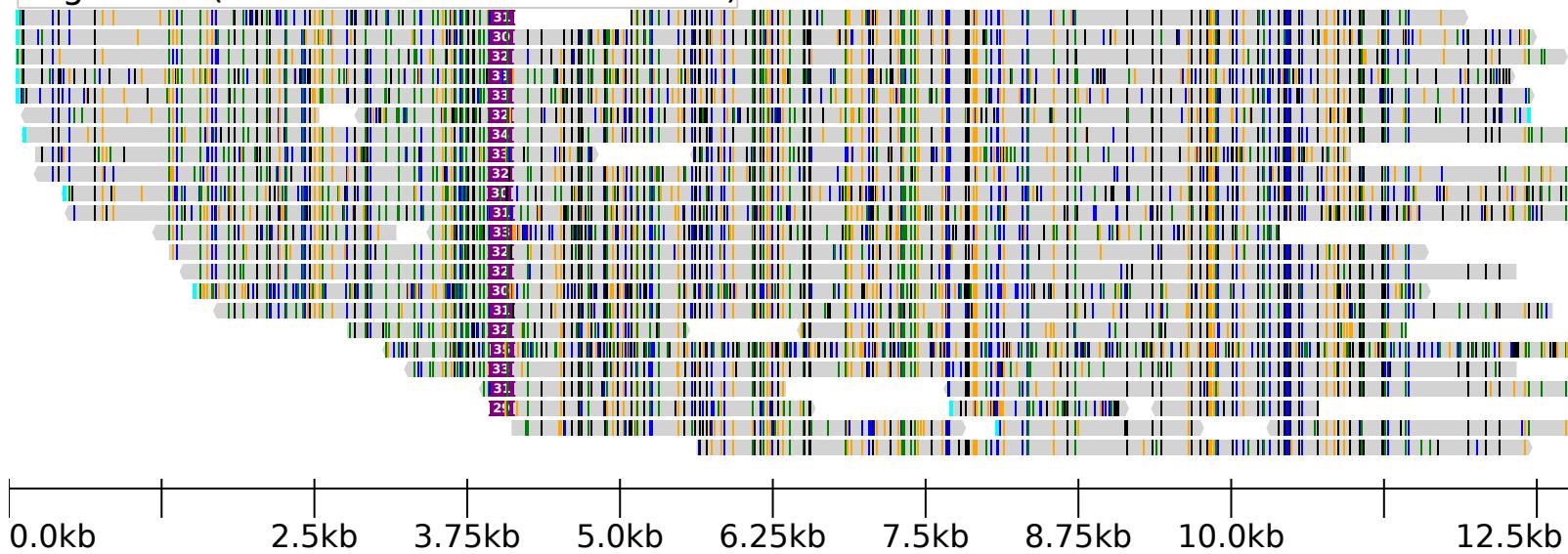
bam coverage



variants



Alignment (reference: constructed het 2)



HLA-DRB3*02:02:01:09 (identity: 100.00%)

HLA-DRB3*02:02:01:08 (identity: 99.99%)

HLA-DRB3*02:02:01:06 (identity: 99.98%)

HLA-DRB3*02:02:01:07 (identity: 99.99%)

HLA-DRB3*02:02:01:11 (identity: 99.90%)

HLA-DRB3*02:02:01:13 (identity: 99.95%)

HLA-DRB3*02:02:01:02 (identity: 99.98%)

HLA-DRB3*02:02:01:10 (identity: 99.99%)

HLA-DRB3*02:193 (identity: 99.97%)

Sample: test_HLA2

Locus: HLA-DOB

Resolution: 4th field

Full typing result:

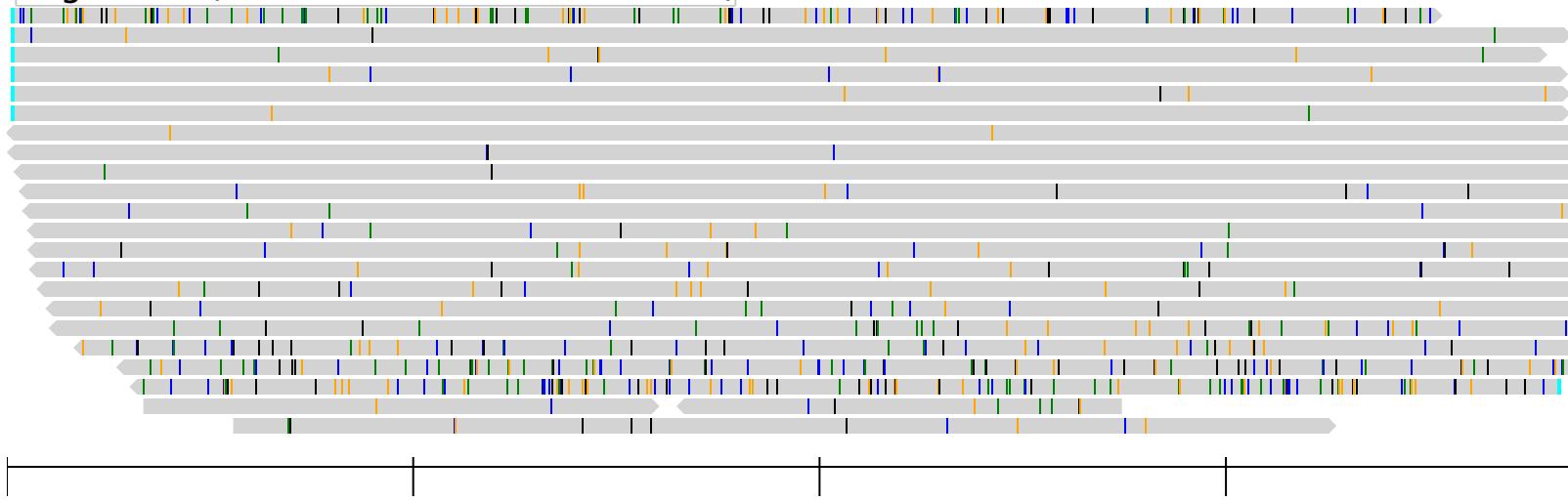
HLA-DOB*01:11

bam coverage



variants

Alignment (reference: constructed het 1)



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

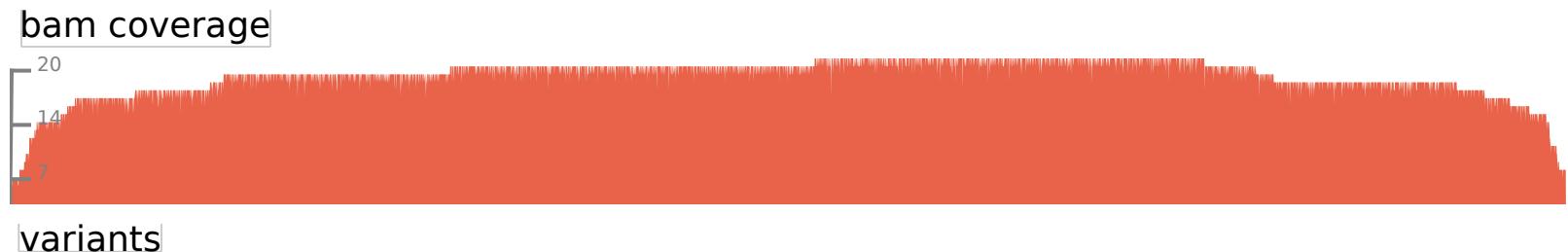
Sample: test_HLA2

Locus: HLA-DRA

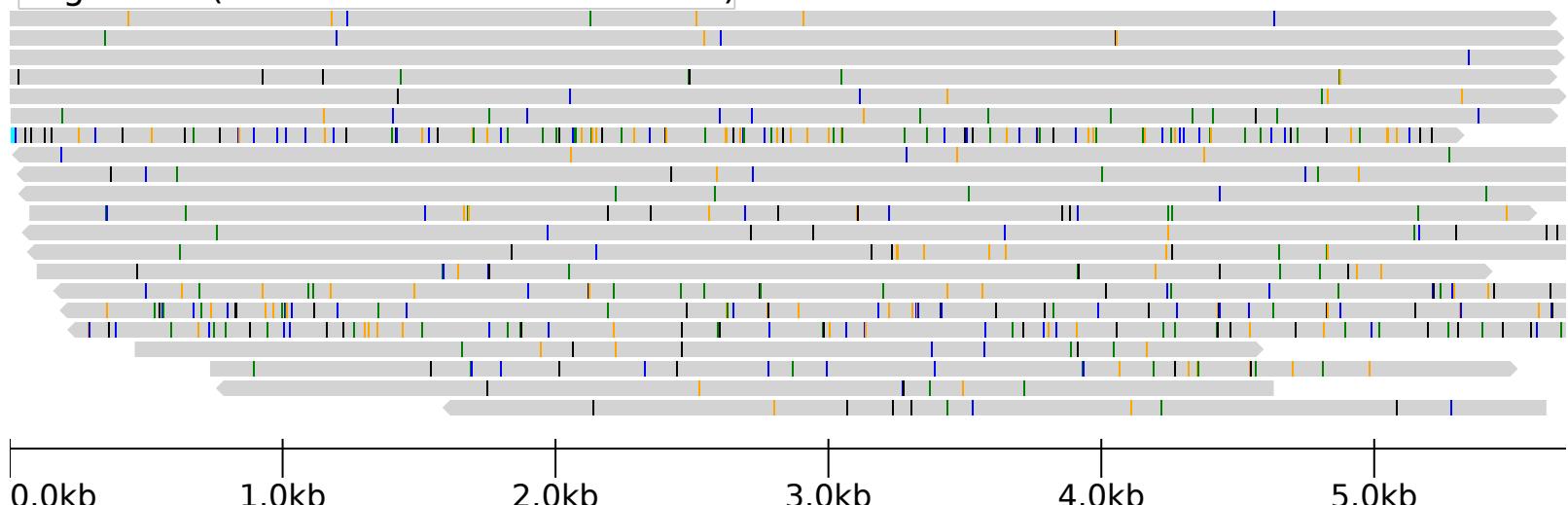
Resolution: 4th field

Full typing result:

HLA-DRA*01:02:02:13



Alignment (reference: constructed het 1)



HLA-DRA*01:02:02:13 (identity: 100.00%)

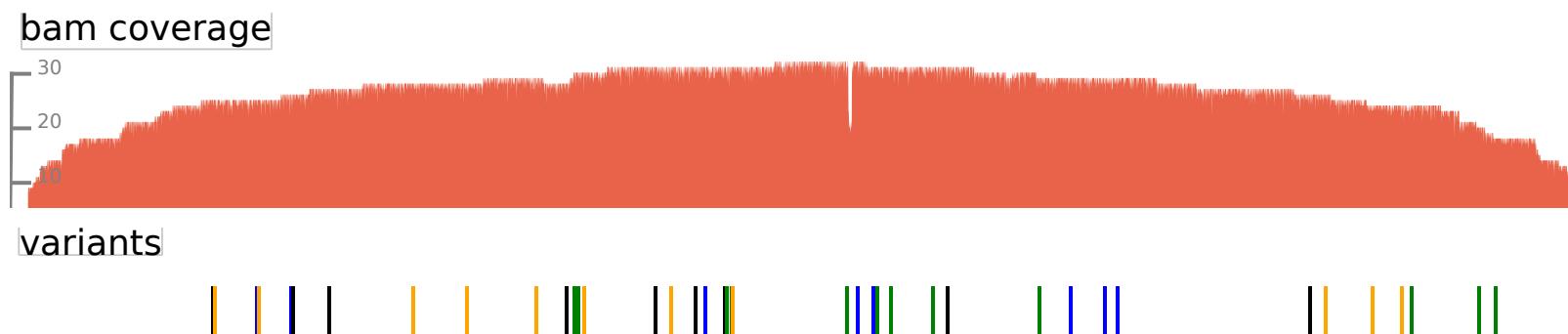
Sample: test_HLA2

Locus: HLA-DPA2

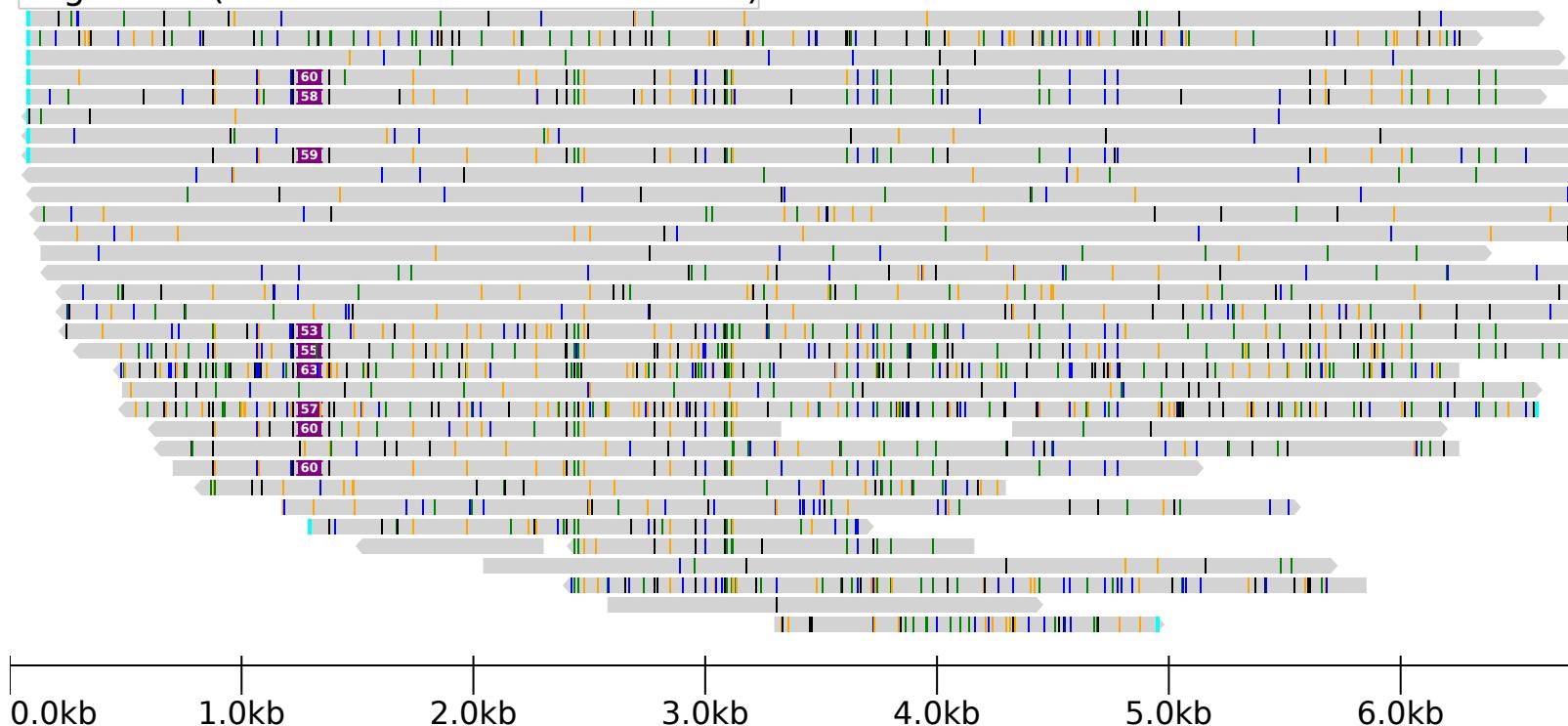
Resolution: 4th field

Full typing result:

HLA-DPA2*01:01:01:02 HLA-DPA2*01:01:01:03



Alignment (reference: constructed hom 2)



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

HLA-DPA2*01:01:01:03 (identity: 100.00%)

Sample: test_HLA2

Locus: HLA-DMA

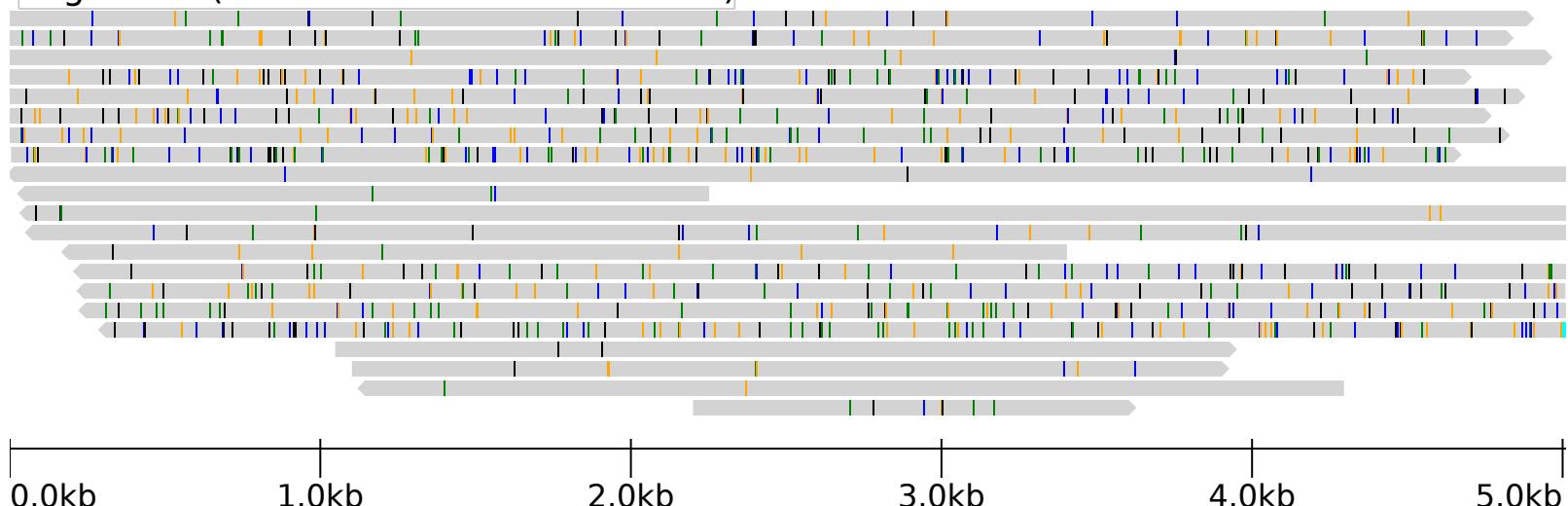
Resolution: 4th field

Full typing result:

HLA-DMA*01:01:01:41



Alignment (reference: constructed het 1)



HLA-DMA*01:01:01:41 (identity: 100.00%)

Sample: test_HLA2

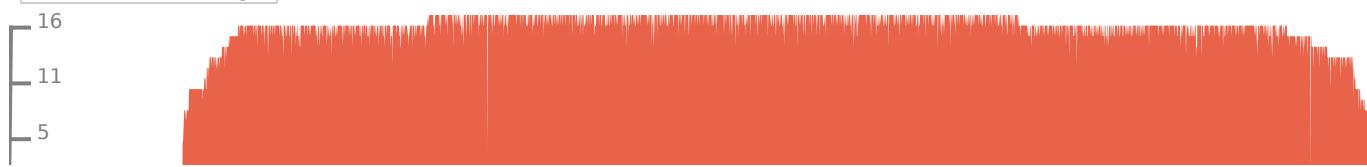
Locus: HLA-C

Resolution: 4th field

Full typing result:

HLA-C*01:03:01	HLA-C*01:146:02	HLA-C*01:03:03
HLA-C*01:03:02	HLA-C*01:231N	HLA-C*01:02:01:01
HLA-C*01:02:01:05	HLA-C*01:02:01:71	HLA-C*01:02:01:72
HLA-C*01:02:01:66		

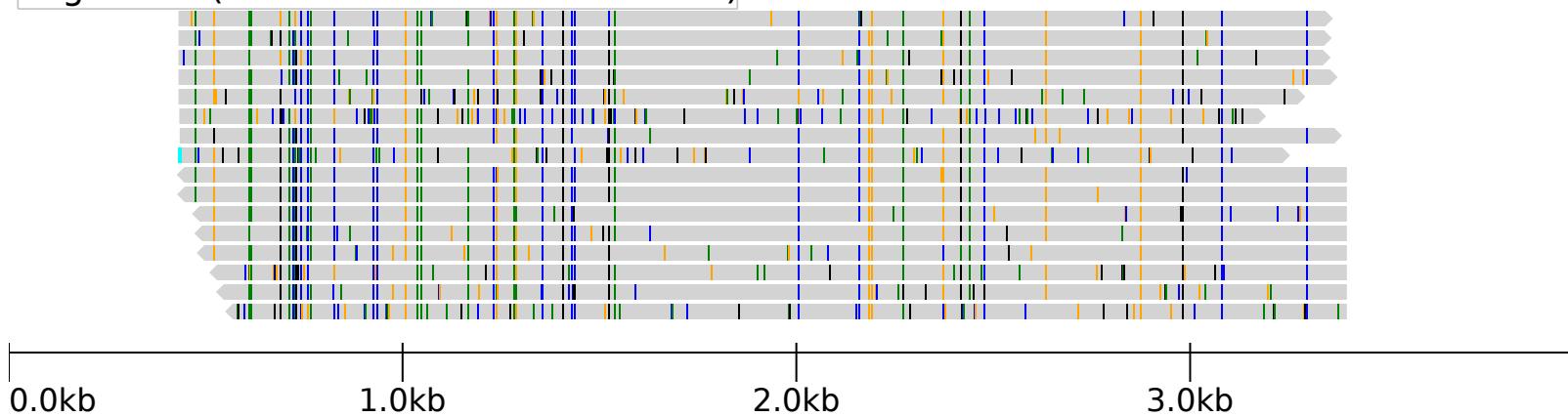
bam coverage



variants



Alignment (reference: constructed het 2)



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

HLA-C*01:146:02 (identity: 100.00%)

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

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

HLA-C*01:231N (identity: 99.22%)

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

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

HLA-C*01:02:01:71 (identity: 100.00%)

HLA-C*01:02:01:72 (identity: 100.00%)

HLA-C*01:02:01:66 (identity: 100.00%)

Sample: test_HLA2

Locus: HLA-DRB5

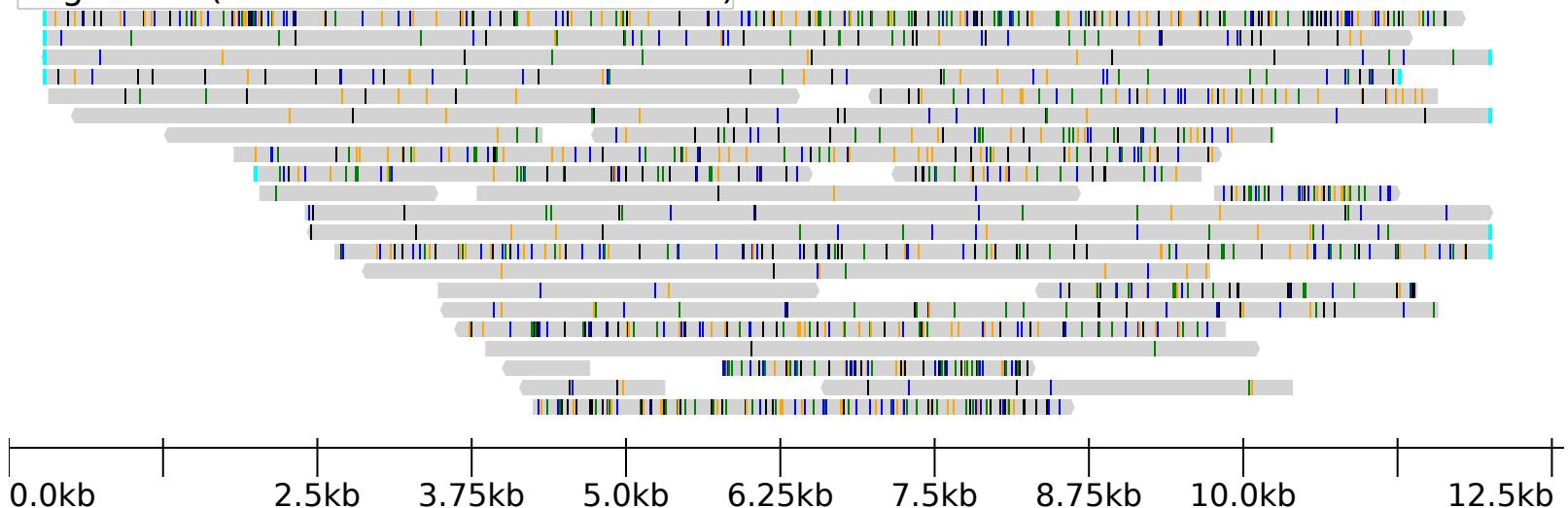
Resolution: 4th field

Full typing result:

HLA-DRB5*01:01:01:04	HLA-DRB5*01:01:01:02	HLA-DRB5*01:01:01:06
HLA-DRB5*01:01:01:01	HLA-DRB5*01:01:01:03	HLA-DRB5*01:01:01:05



Alignment (reference: constructed het 1)



HLA-DRB5*01:01:01:04 (identity: 100.00%)

HLA-DRB5*01:01:01:02 (identity: 99.94%)

HLA-DRB5*01:01:01:06 (identity: 99.99%)

HLA-DRB5*01:01:01:01 (identity: 99.94%)

HLA-DRB5*01:01:01:03 (identity: 99.95%)

HLA-DRB5*01:01:01:05 (identity: 99.94%)

Sample: test_HLA2

Locus: HLA-A

Resolution: 4th field

Full typing result:

HLA-A*30:02:01:18

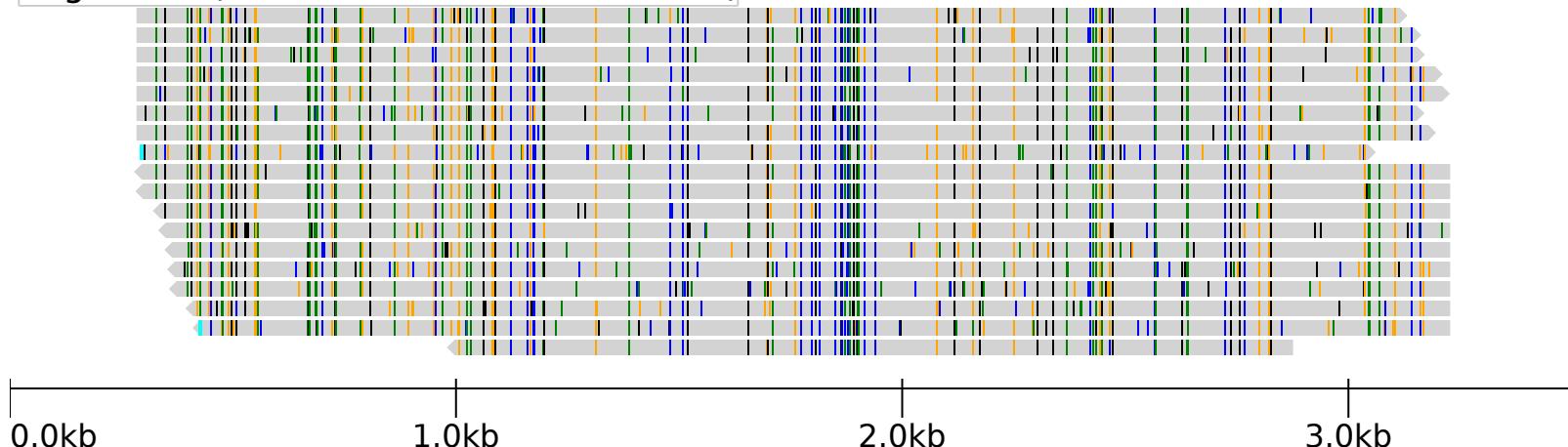
bam coverage



variants



Alignment (reference: constructed het 2)



HLA-A*30:02:01:18 (identity: 100.00%)

Sample: test_HLA2

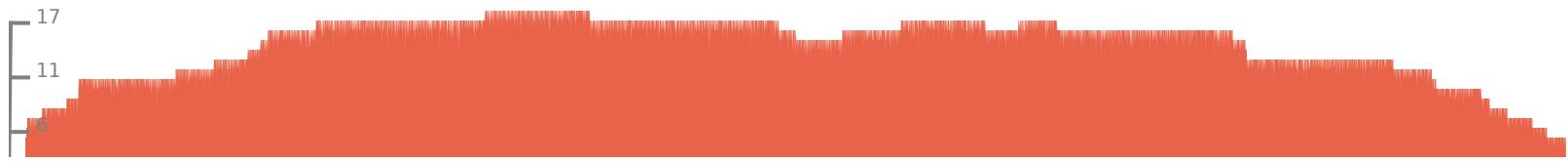
Locus: HLA-DRB1

Resolution: 4th field

Full typing result:

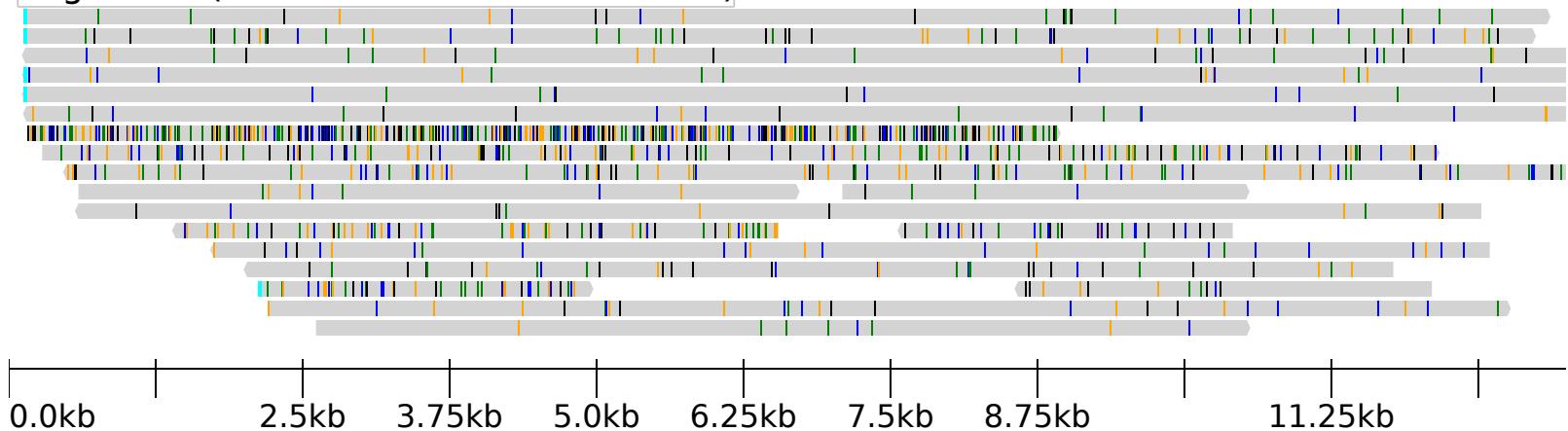
HLA-DRB1*12:01:01:14	HLA-DRB1*12:01:01:03	HLA-DRB1*12:01:01:08
HLA-DRB1*12:01:01:04	HLA-DRB1*12:01:01:07	HLA-DRB1*12:01:01:09
HLA-DRB1*12:01:01:10	HLA-DRB1*12:01:01:12	HLA-DRB1*12:01:01:15
HLA-DRB1*12:95	HLA-DRB1*12:01:01:05	HLA-DRB1*12:01:01:06

bam coverage



variants

Alignment (reference: constructed het 1)



HLA-DRB1*12:01:01:14 (identity: 100.00%)

HLA-DRB1*12:01:01:03 (identity: 99.98%)

HLA-DRB1*12:01:01:08 (identity: 99.92%)

HLA-DRB1*12:01:01:04 (identity: 99.88%)

HLA-DRB1*12:01:01:07 (identity: 99.92%)

HLA-DRB1*12:01:01:09 (identity: 99.98%)

HLA-DRB1*12:01:01:10 (identity: 99.92%)

HLA-DRB1*12:01:01:12 (identity: 99.98%)

HLA-DRB1*12:01:01:15 (identity: 99.95%)

HLA-DRB1*12:95 (identity: 99.98%)

Sample: test_HLA2

Locus: HLA-L

Resolution: 4th field

Full typing result:

HLA-L*01:01:02

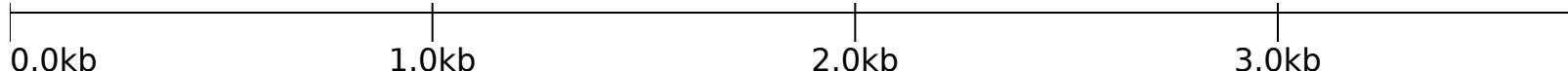
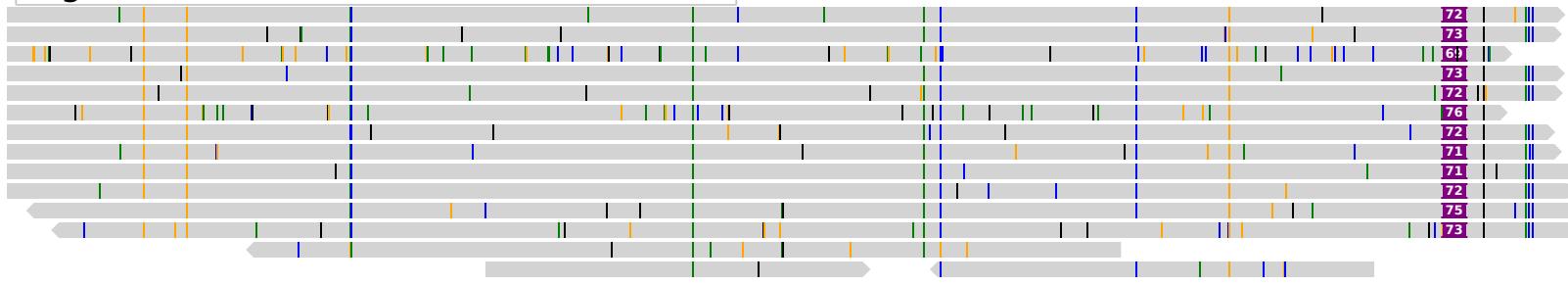
bam coverage



variants



Alignment (reference: constructed het 2)



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

Sample: test_HLA2

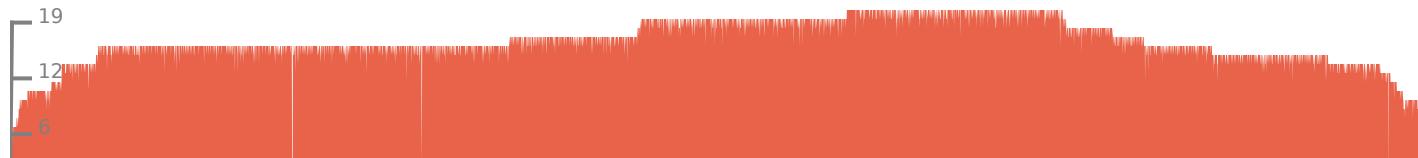
Locus: HLA-DQA2

Resolution: 4th field

Full typing result:

HLA-DQA2*01:01:01:02

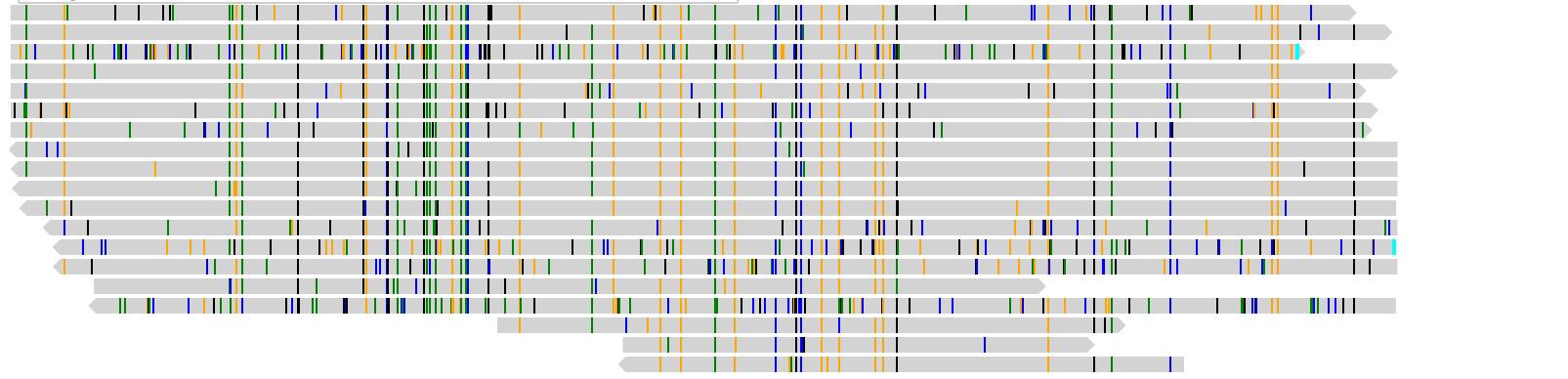
bam coverage



variants



Alignment (reference: constructed het 2)



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

Sample: test_HLA2

Locus: HLA-G

Resolution: 4th field

Full typing result:

HLA-G*01:45

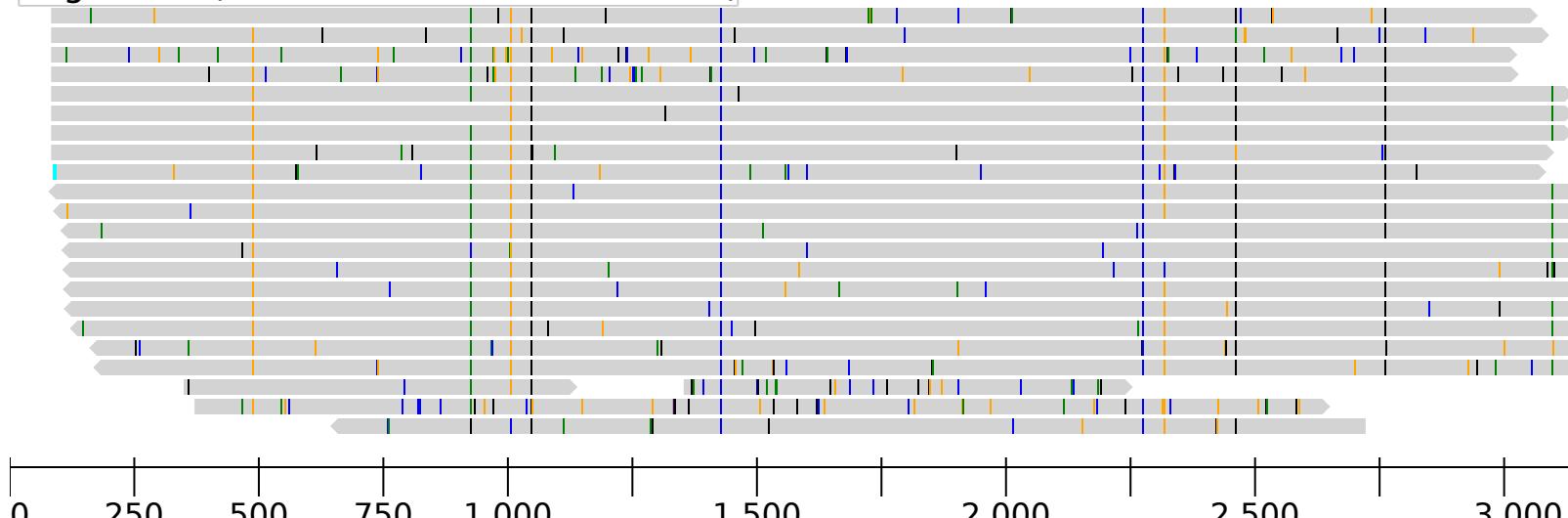
bam coverage



variants



Alignment (reference: constructed het 2)



HLA-G*01:45 (identity: 100.00%)

Sample: test_HLA2

Locus: HLA-DPA2

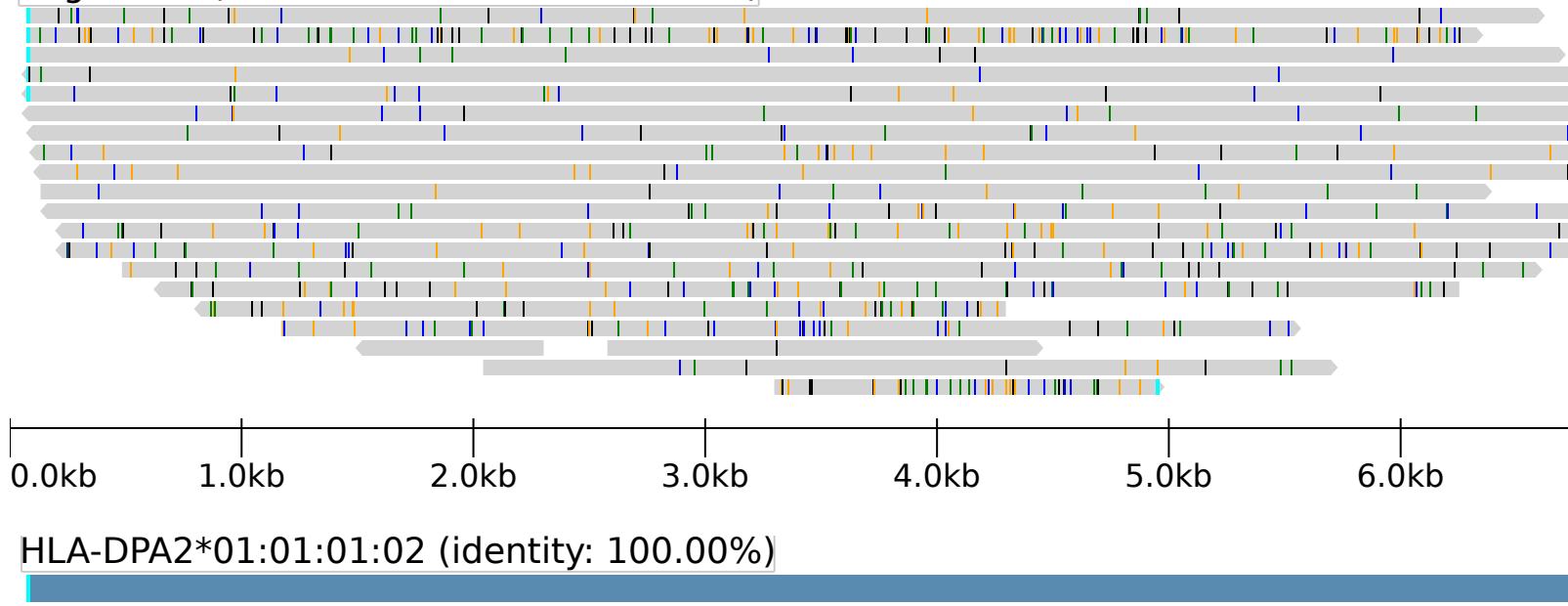
Resolution: 4th field

Full typing result:

HLA-DPA2*01:01:01:02



Alignment (reference: constructed hom 1)



Sample: test_HLA2

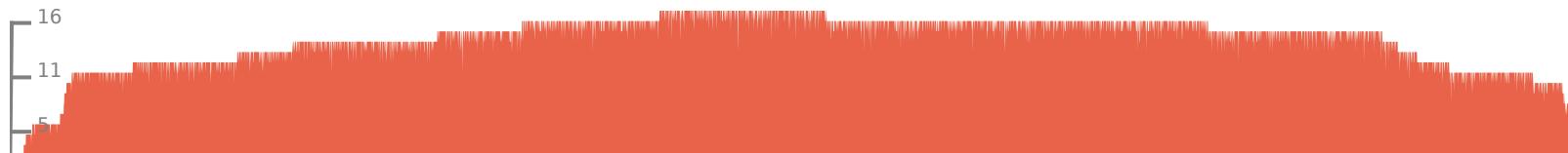
Locus: HLA-DMB

Resolution: 4th field

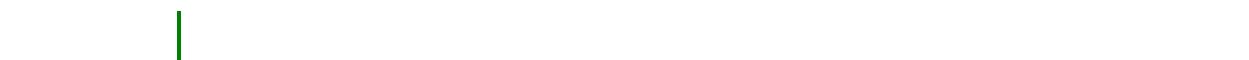
Full typing result:

HLA-DMB*01:01:01:17

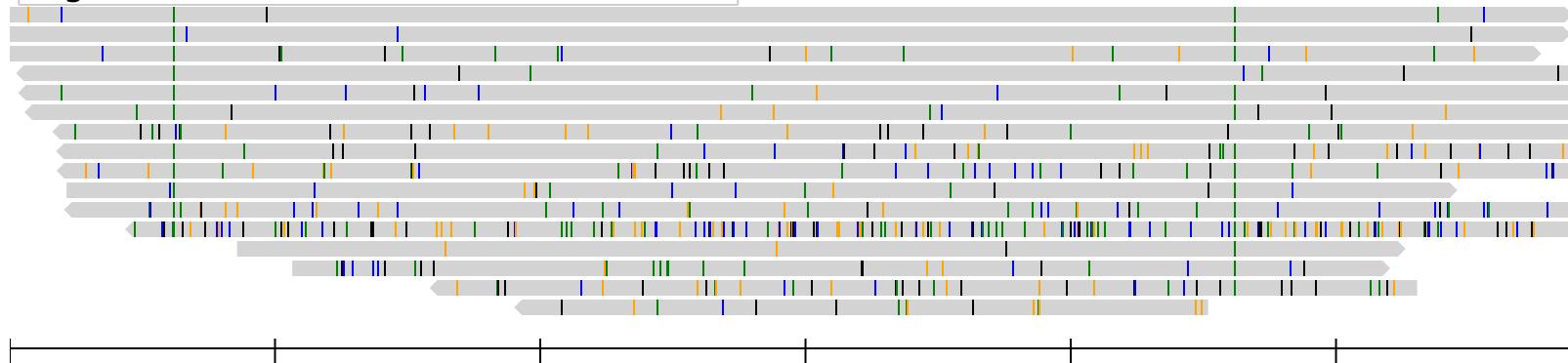
bam coverage



variants



Alignment (reference: constructed het 2)



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

Sample: test_HLA2

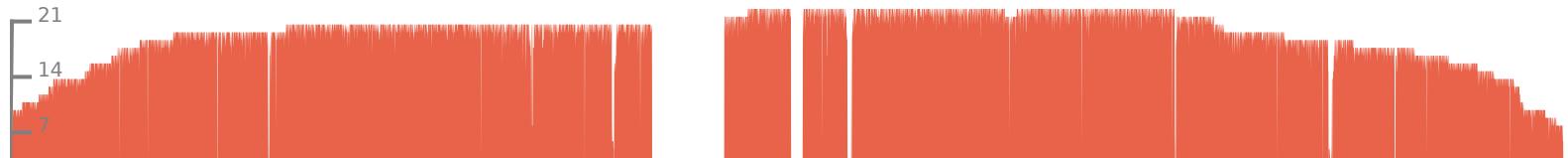
Locus: HLA-DQB1

Resolution: 4th field

Full typing result:

HLA-DQB1*02:01:45

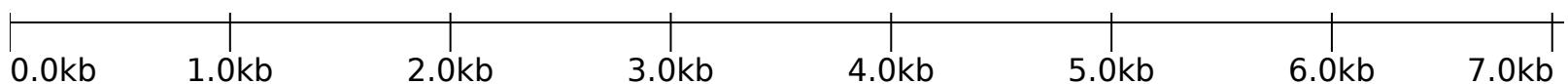
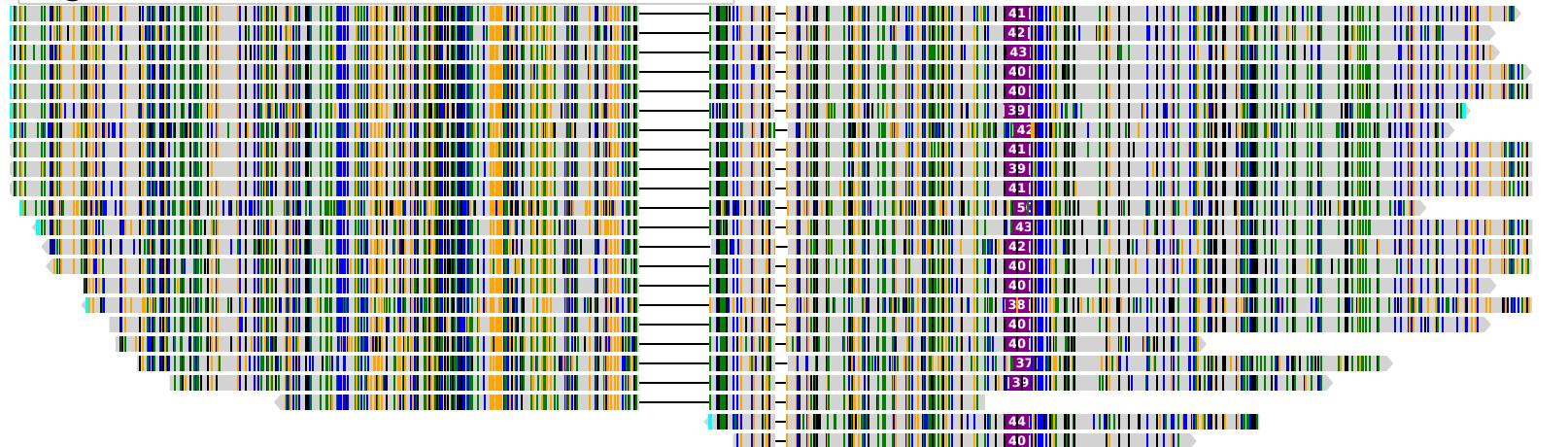
bam coverage



variants



Alignment (reference: constructed het 2)



HLA-DQB1*02:01:45 (identity: 100.00%)

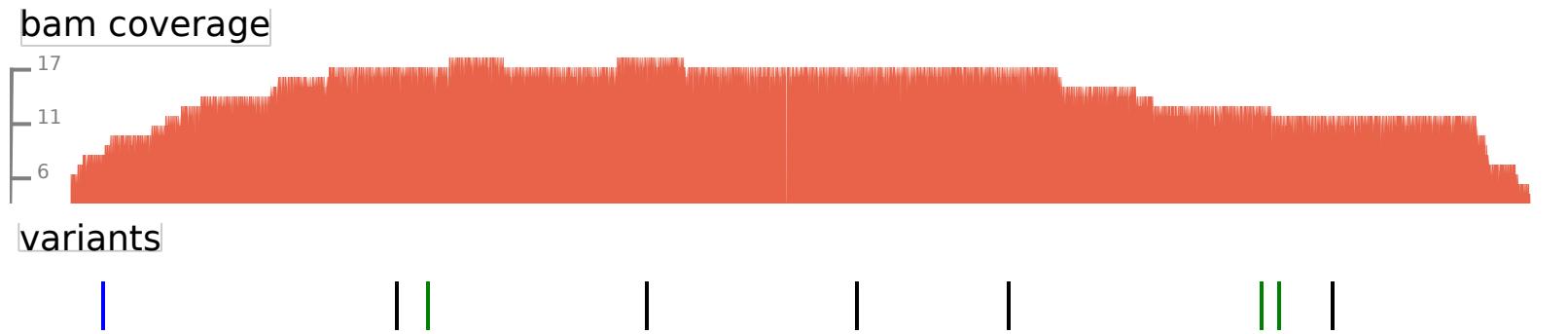
Sample: test_HLA2

Locus: TAP1

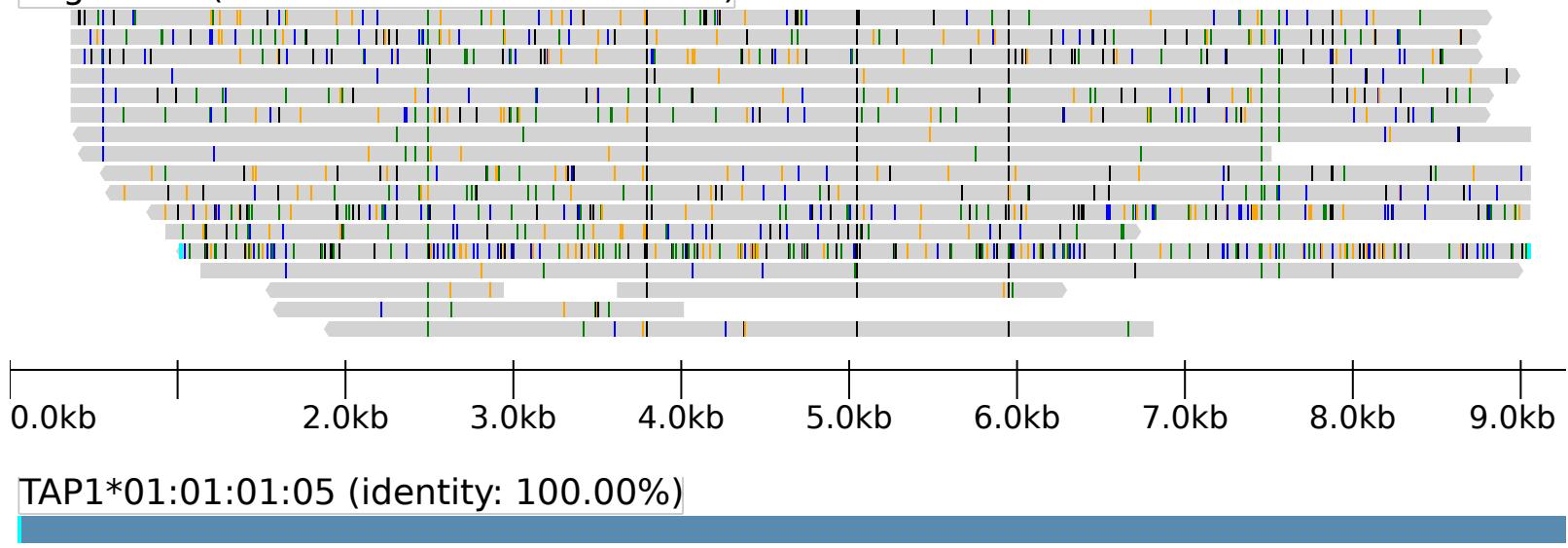
Resolution: 4th field

Full typing result:

TAP1*01:01:01:05



Alignment (reference: constructed het 2)



Sample: test_HLA2

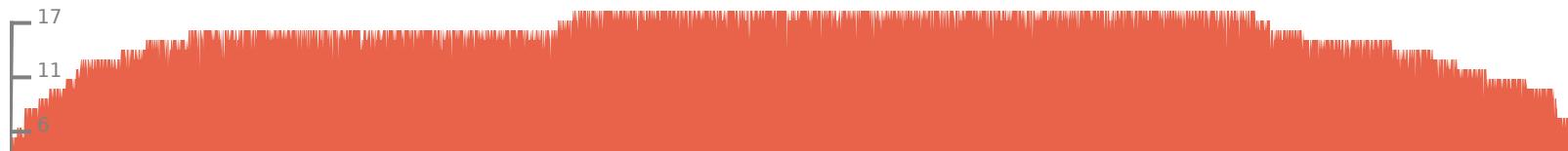
Locus: HLA-K

Resolution: 4th field

Full typing result:

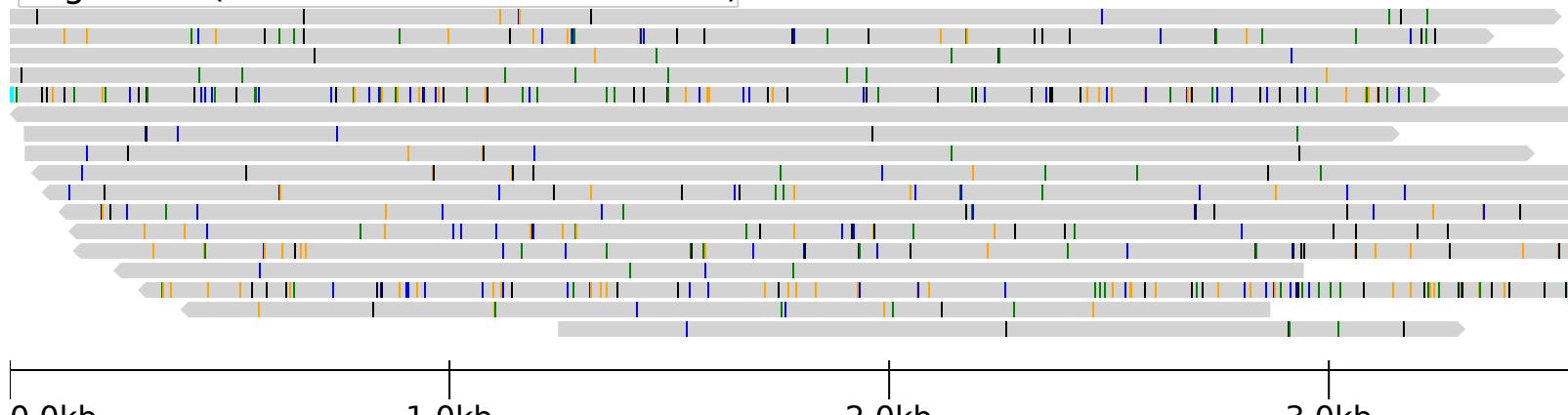
HLA-K*01:02

bam coverage



variants

Alignment (reference: constructed het 1)



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

Sample: test_HLA2

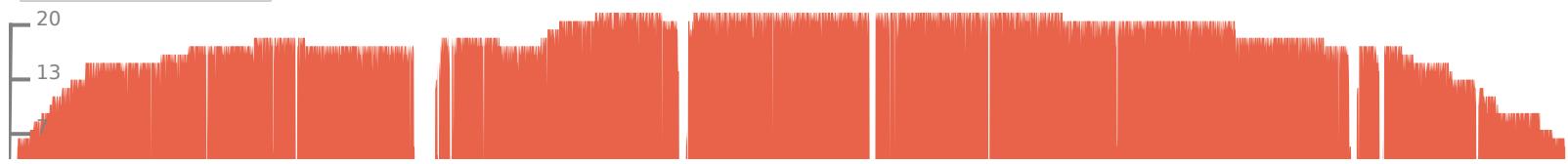
Locus: HLA-DQA1

Resolution: 4th field

Full typing result:

HLA-DQA1*05:05:01:35	HLA-DQA1*05:05:01:36	HLA-DQA1*05:05:01:27
HLA-DQA1*05:05:01:29	HLA-DQA1*05:05:01:30	HLA-DQA1*05:05:01:01
HLA-DQA1*05:05:01:02	HLA-DQA1*05:05:01:32	HLA-DQA1*05:05:01:09
HLA-DQA1*05:05:01:03	HLA-DQA1*05:05:01:24	HLA-DQA1*05:65:01:03
HLA-DQA1*05:05:01:28		

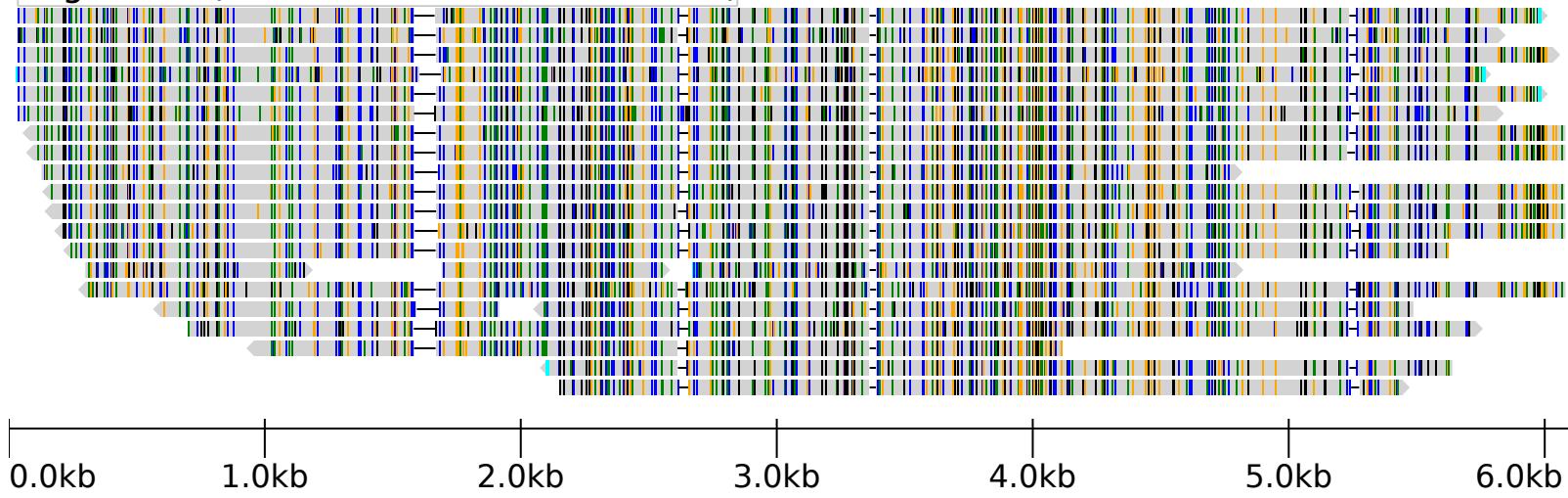
bam coverage



variants



Alignment (reference: constructed het 2)



HLA-DQA1*05:05:01:35 (identity: 100.00%)

HLA-DQA1*05:05:01:36 (identity: 99.61%)

24

HLA-DQA1*05:05:01:27 (identity: 99.67%)

HLA-DQA1*05:05:01:29 (identity: 99.93%)

HLA-DQA1*05:05:01:30 (identity: 99.93%)

HLA-DQA1*05:05:01:01 (identity: 99.61%)

24

HLA-DQA1*05:05:01:02 (identity: 99.54%)

28

HLA-DQA1*05:05:01:32 (identity: 99.41%)

36

HLA-DQA1*05:05:01:09 (identity: 99.67%)

HLA-DQA1*05:05:01:03 (identity: 99.72%)

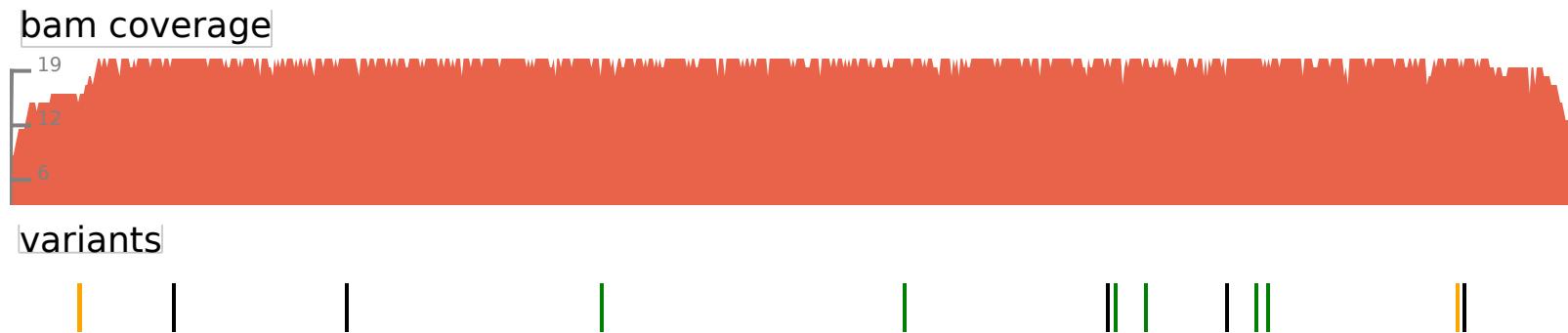
Sample: test_HLA2

Locus: HLA-S

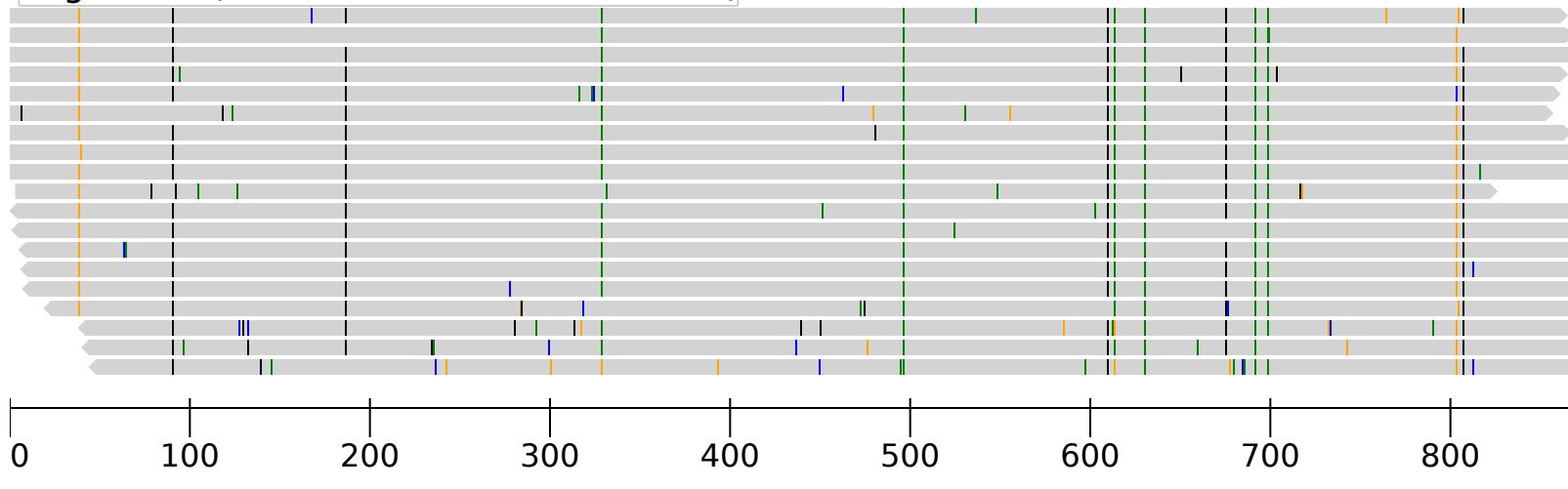
Resolution: 4th field

Full typing result:

HLA-S*01:03



Alignment (reference: constructed het 2)



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

Sample: test_HLA2

Locus: HLA-DQA1

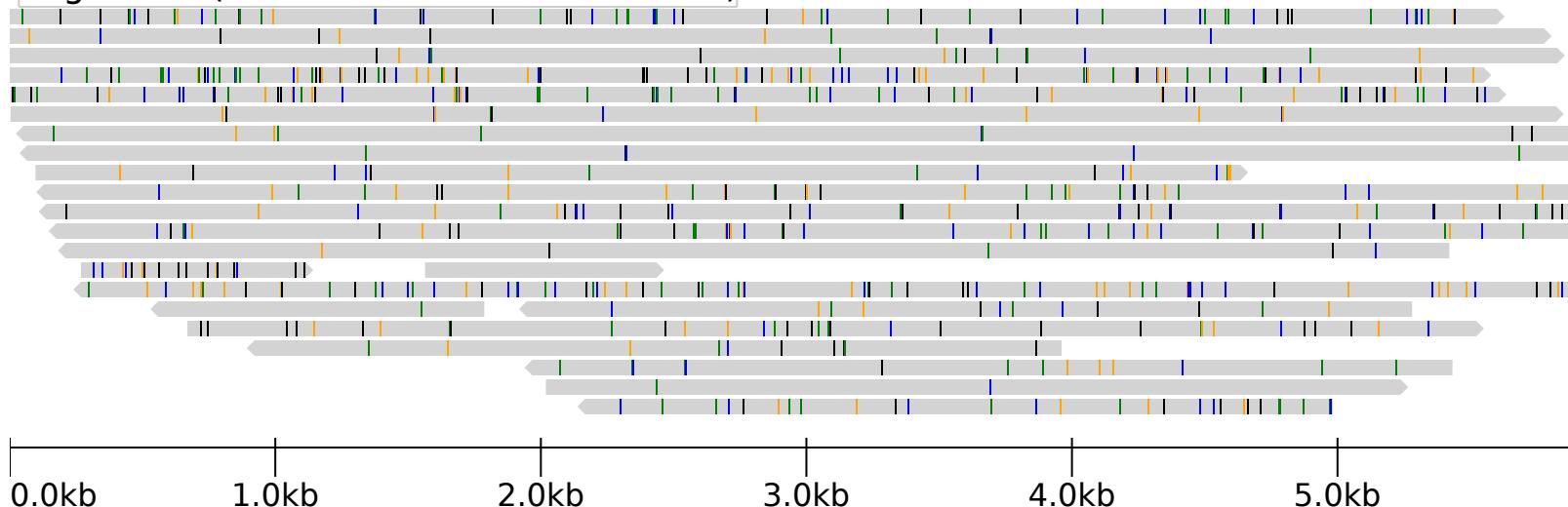
Resolution: 4th field

Full typing result:

HLA-DQA1*02:01:09:02



Alignment (reference: constructed het 1)



HLA-DQA1*02:01:09:02 (identity: 100.00%)

Sample: test_HLA2

Locus: HLA-DPB1

Resolution: 4th field

Full typing result:

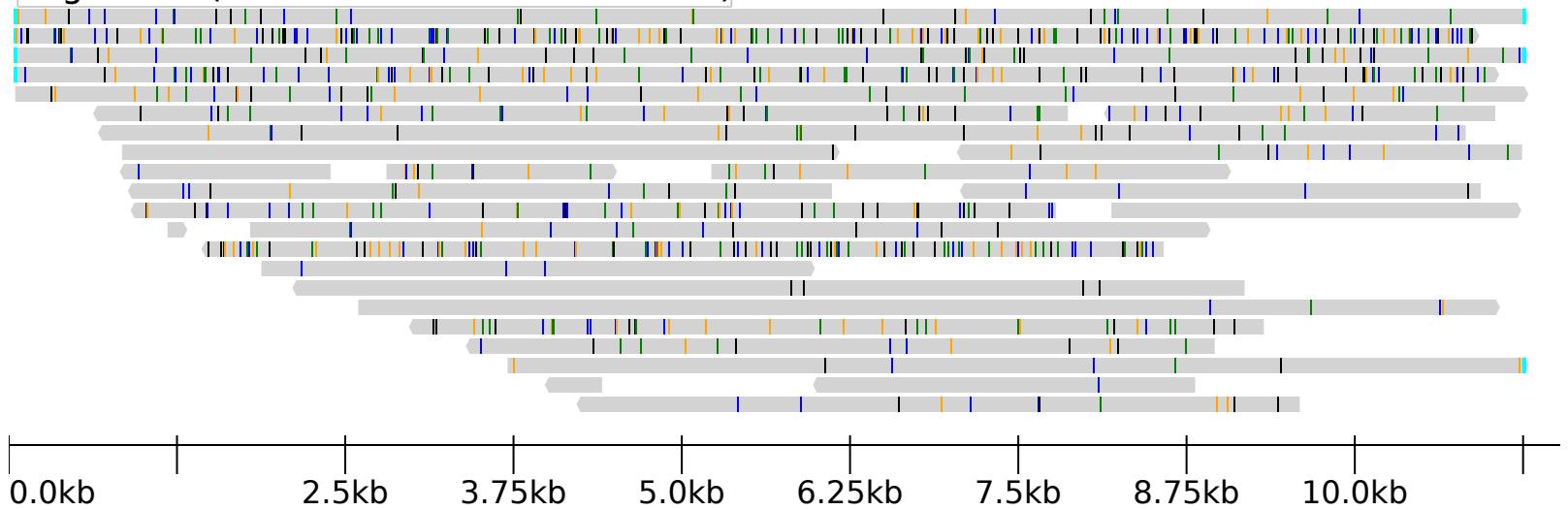
HLA-DPB1*04:01:01:92	HLA-DPB1*04:01:01:01	HLA-DPB1*04:01:01:35
HLA-DPB1*04:01:01:06	HLA-DPB1*1423:01N	HLA-DPB1*04:01:01:02
HLA-DPB1*04:01:01:04	HLA-DPB1*04:01:01:07	HLA-DPB1*04:01:01:08
HLA-DPB1*04:01:01:10	HLA-DPB1*04:01:01:101	HLA-DPB1*04:01:01:104
HLA-DPB1*04:01:01:108	HLA-DPB1*04:01:01:113	HLA-DPB1*04:01:01:114

bam coverage



variants

Alignment (reference: constructed het 1)



HLA-DPB1*04:01:01:92 (identity: 100.00%)

HLA-DPB1*04:01:01:01 (identity: 100.00%)

HLA-DPB1*04:01:01:35 (identity: 99.93%)

HLA-DPB1*04:01:01:06 (identity: 99.96%)

HLA-DPB1*1423:01N (identity: 99.96%)

HLA-DPB1*04:01:01:02 (identity: 99.93%)

HLA-DPB1*04:01:01:04 (identity: 99.96%)

HLA-DPB1*04:01:01:07 (identity: 100.00%)

HLA-DPB1*04:01:01:08 (identity: 100.00%)

HLA-DPB1*04:01:01:10 (identity: 100.00%)

Sample: test_HLA2

Locus: TAP2

Resolution: 4th field

Full typing result:

TAP2*01:05:01:08

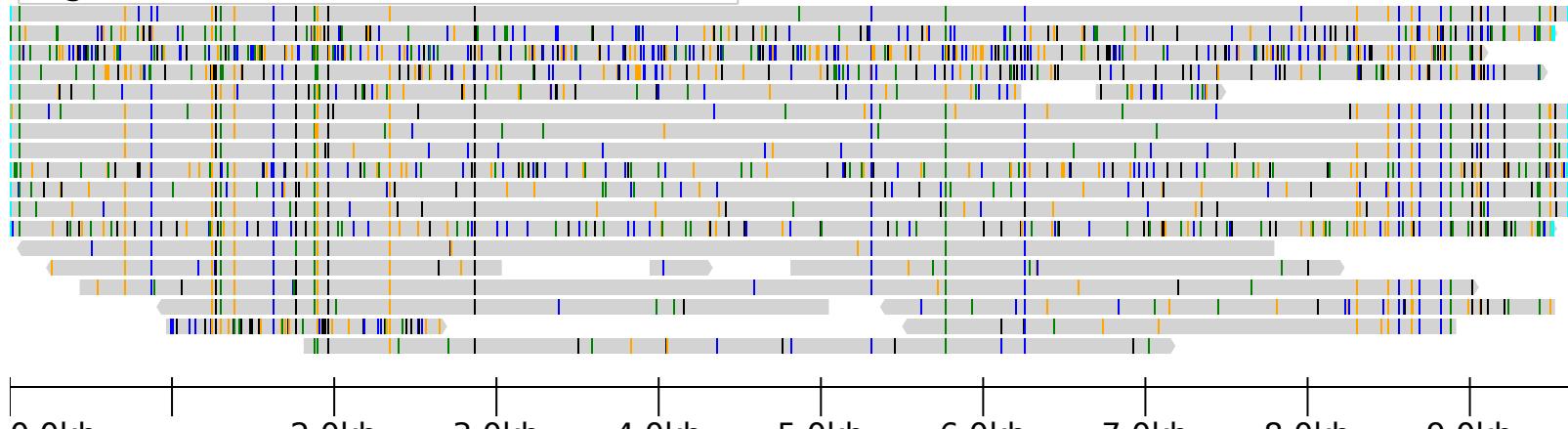
bam coverage



variants



Alignment (reference: constructed het 2)



TAP2*01:05:01:08 (identity: 100.00%)

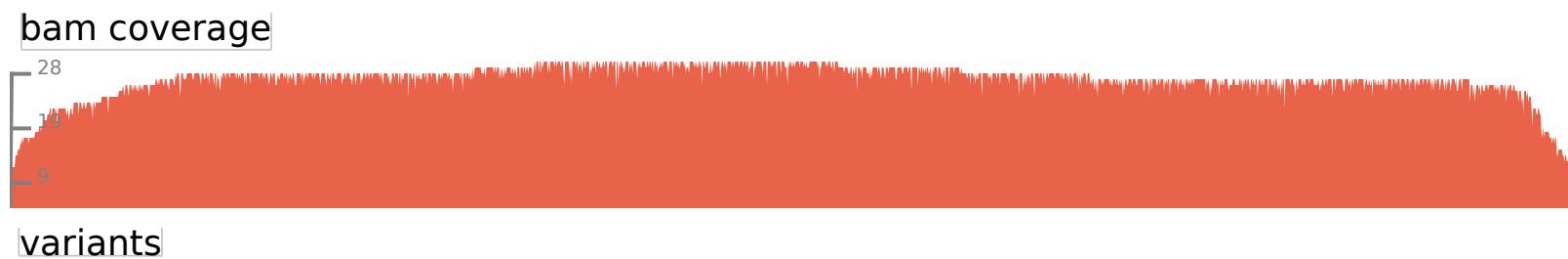
Sample: test_HLA2

Locus: HLA-V

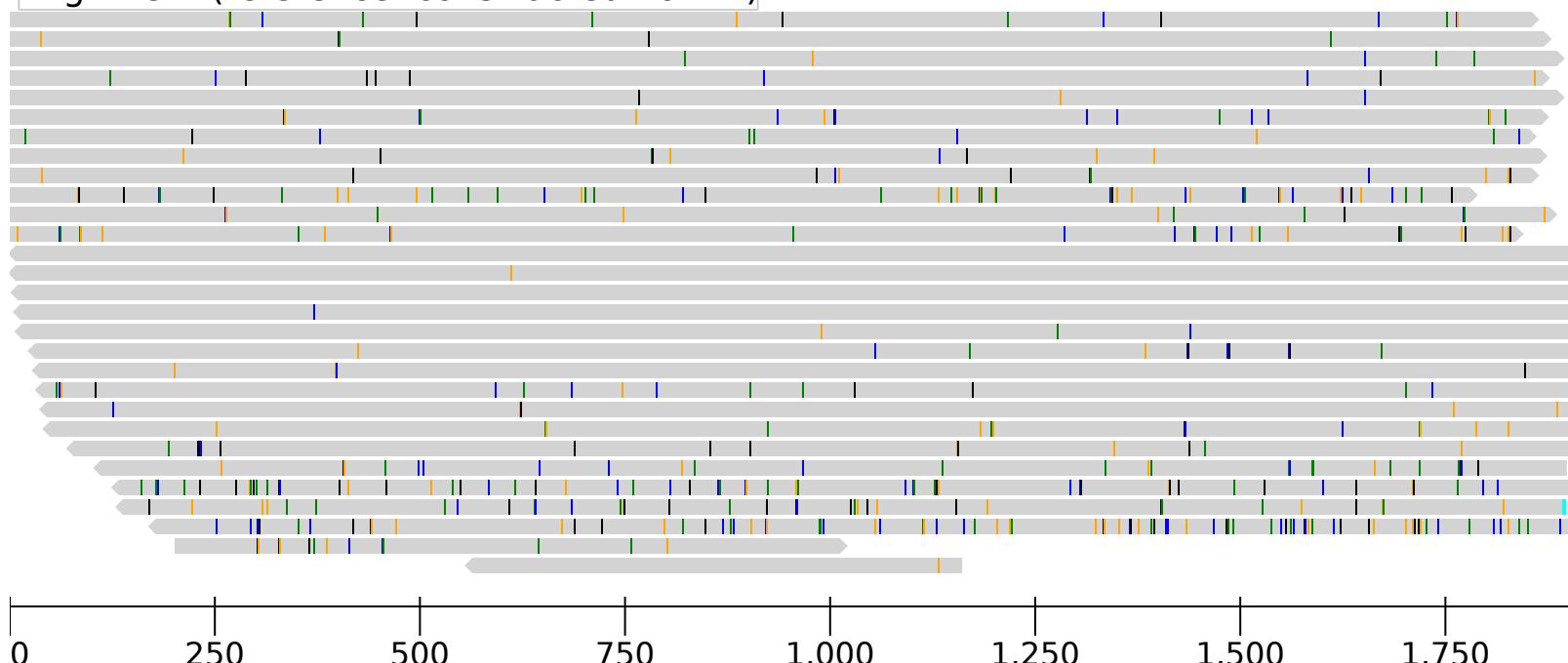
Resolution: 4th field

Full typing result:

HLA-V*01:01:01:01



Alignment (reference: constructed hom 1)



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

Sample: test_HLA2

Locus: HLA-W

Resolution: 4th field

Full typing result:

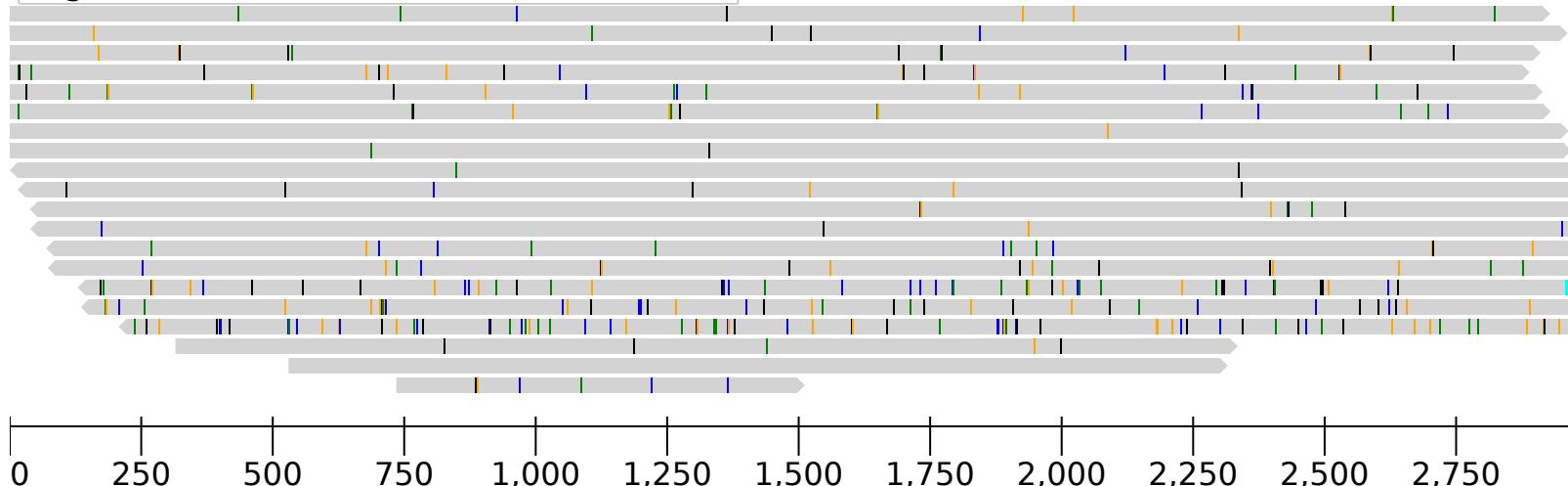
HLA-W*01:01:01:07

bam coverage



variants

Alignment (reference: constructed het 1)



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

Sample: test_HLA2

Locus: HLA-H

Resolution: 4th field

Full typing result:

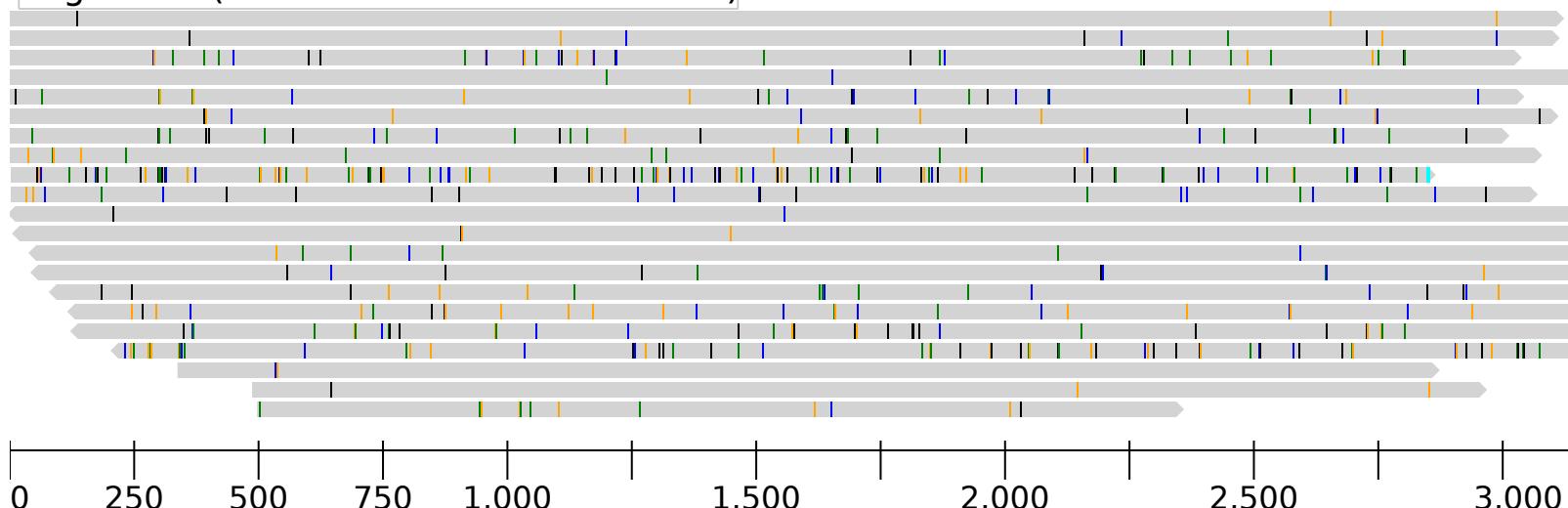
HLA-H*01:02:01:03

bam coverage



variants

Alignment (reference: constructed het 1)



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

Sample: test_HLA2

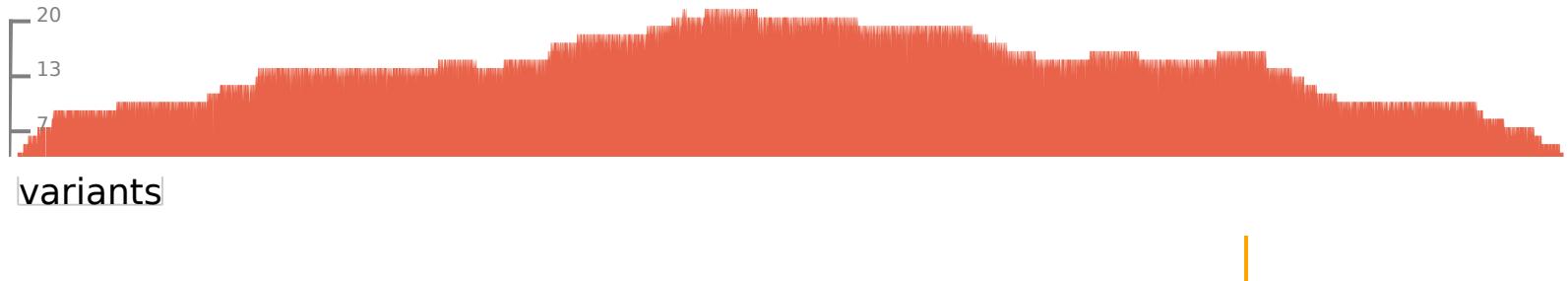
Locus: MICB

Resolution: 4th field

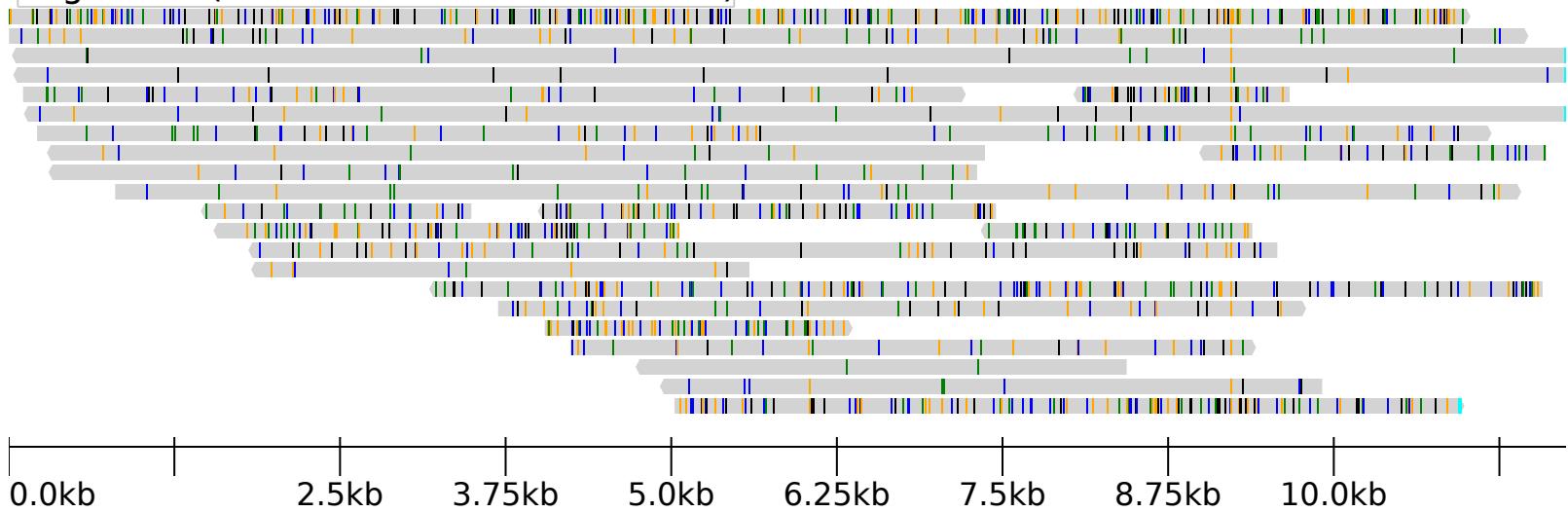
Full typing result:

MICB*034	MICB*004:01:13	MICB*004:01:16
MICB*004:01:27	MICB*024:01:03	MICB*004:01:01
MICB*004:01:15	MICB*004:01:17	MICB*004:01:18
MICB*004:01:22	MICB*004:01:14	MICB*020:01:01
MICB*004:01:23	MICB*024:01:04	MICB*004:01:12

bam coverage



Alignment (reference: constructed het 2)



MICB*034 (identity: 100.00%)

MICB*004:01:13 (identity: 100.00%)

MICB*004:01:16 (identity: 99.99%)

MICB*004:01:27 (identity: 99.99%)

MICB*024:01:03 (identity: 100.00%)

MICB*004:01:01 (identity: 99.97%)

MICB*004:01:15 (identity: 99.96%)

MICB*004:01:17 (identity: 99.97%)

MICB*004:01:18 (identity: 99.97%)

MICB*004:01:22 (identity: 99.96%)

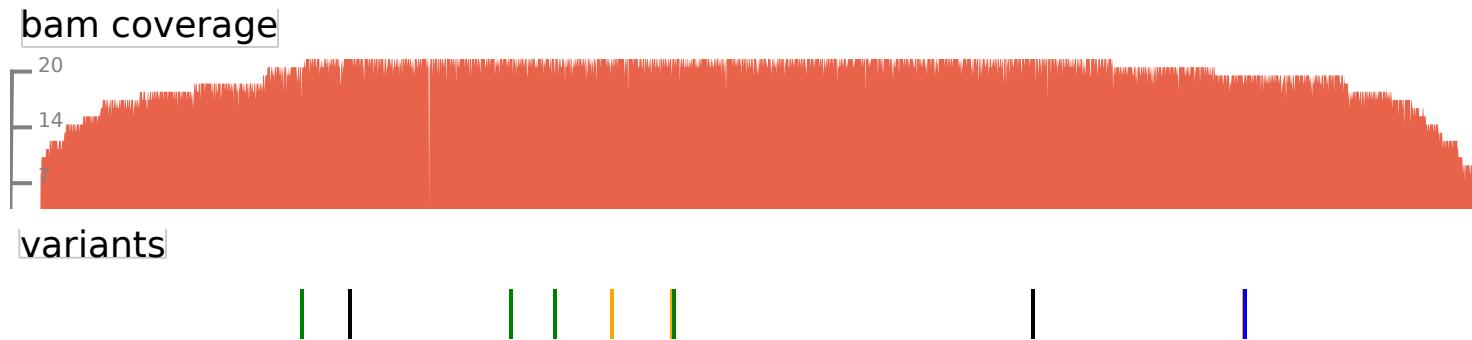
Sample: test_HLA2

Locus: HLA-H

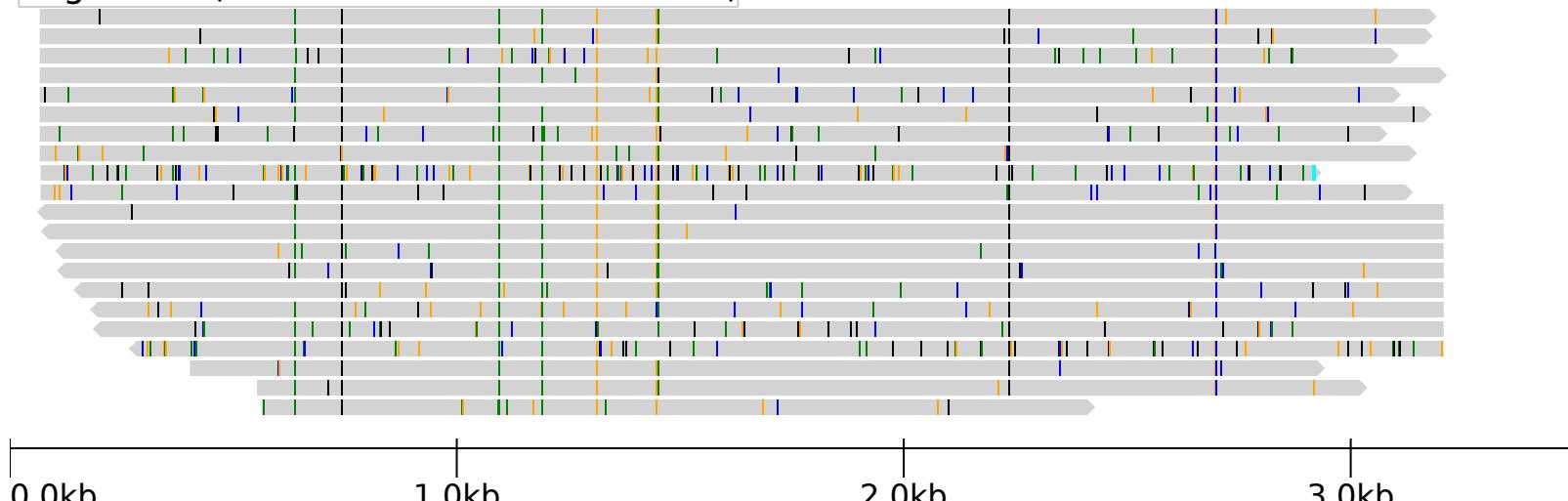
Resolution: 4th field

Full typing result:

HLA-H*01:04



Alignment (reference: constructed het 2)



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

Sample: test_HLA2

Locus: HLA-C

Resolution: 4th field

Full typing result:

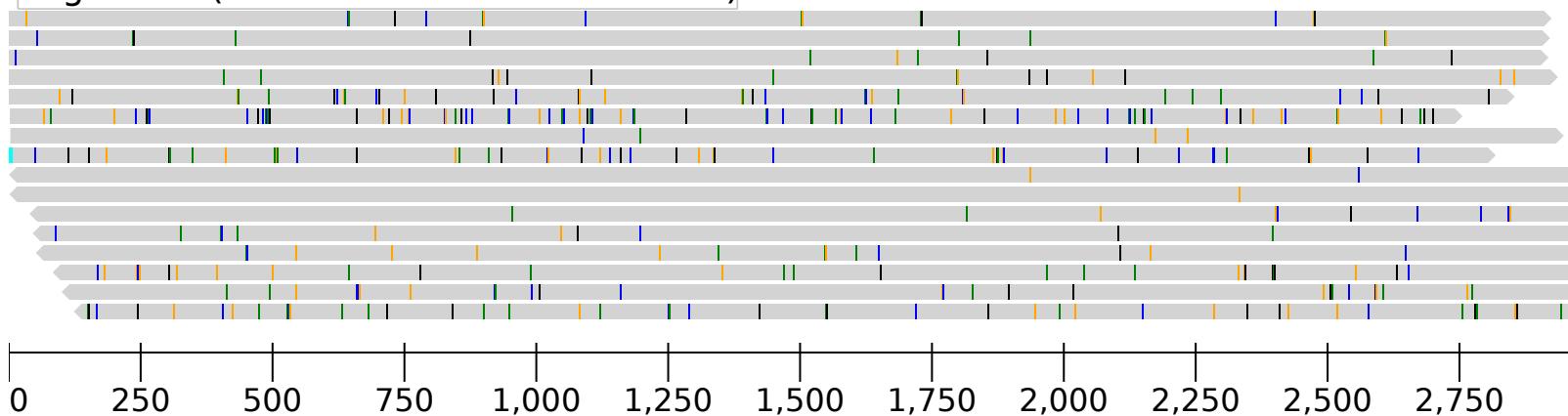
HLA-C*02:177	HLA-C*02:02:02:01	HLA-C*02:02:02:03
HLA-C*02:02:02:05	HLA-C*02:02:02:20	HLA-C*02:02:02:43
HLA-C*02:02:02:46	HLA-C*02:02:02:47	HLA-C*02:02:02:78
HLA-C*02:02:02:79	HLA-C*02:02:02:80	HLA-C*02:02:02:81
HLA-C*02:02:02:82	HLA-C*02:02:02:83	HLA-C*02:02:02:84

bam coverage

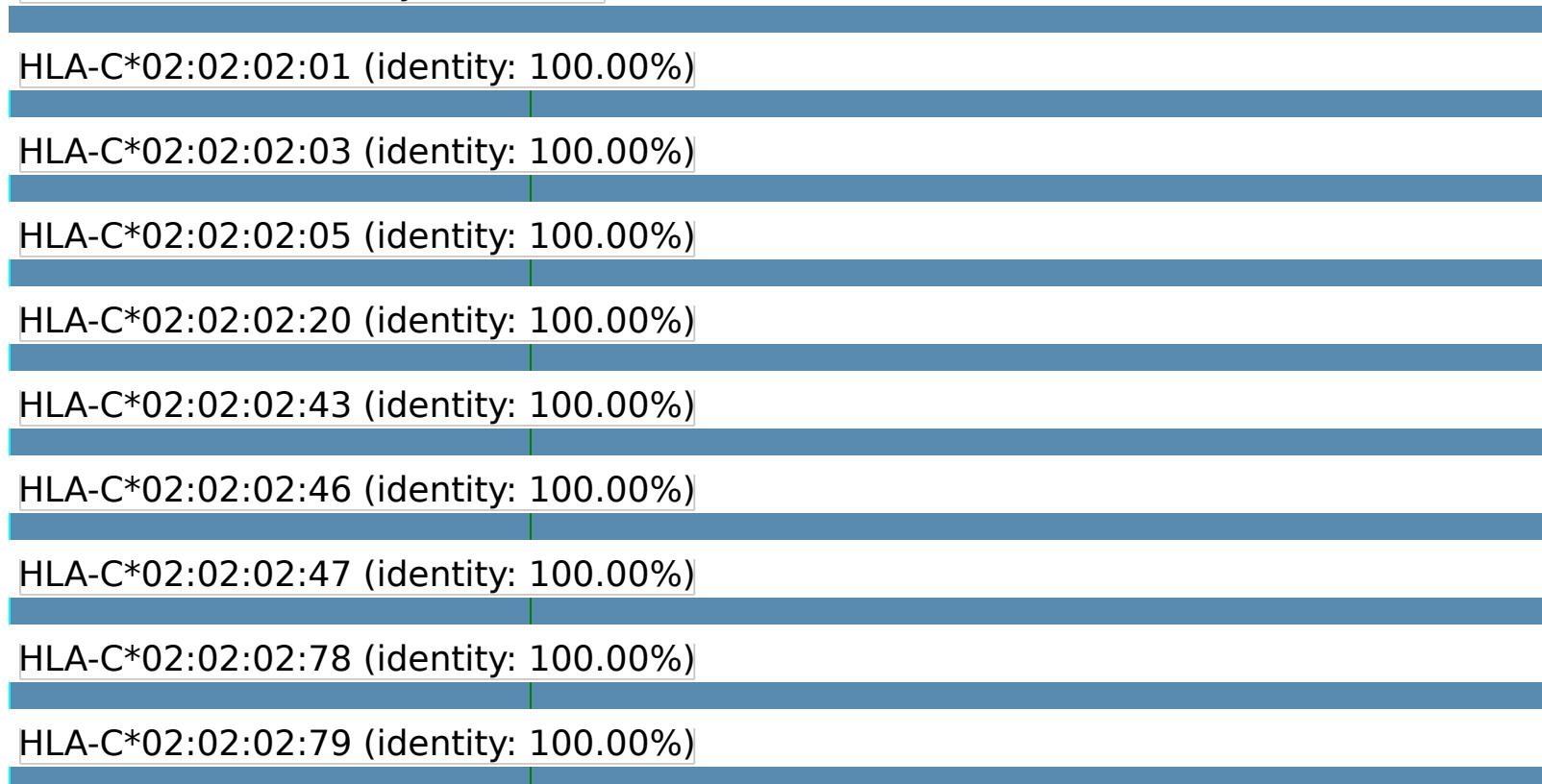


variants

Alignment (reference: constructed het 1)



HLA-C*02:177 (identity: 100.00%)



Sample: test_HLA2

Locus: HLA-J

Resolution: 4th field

Full typing result:

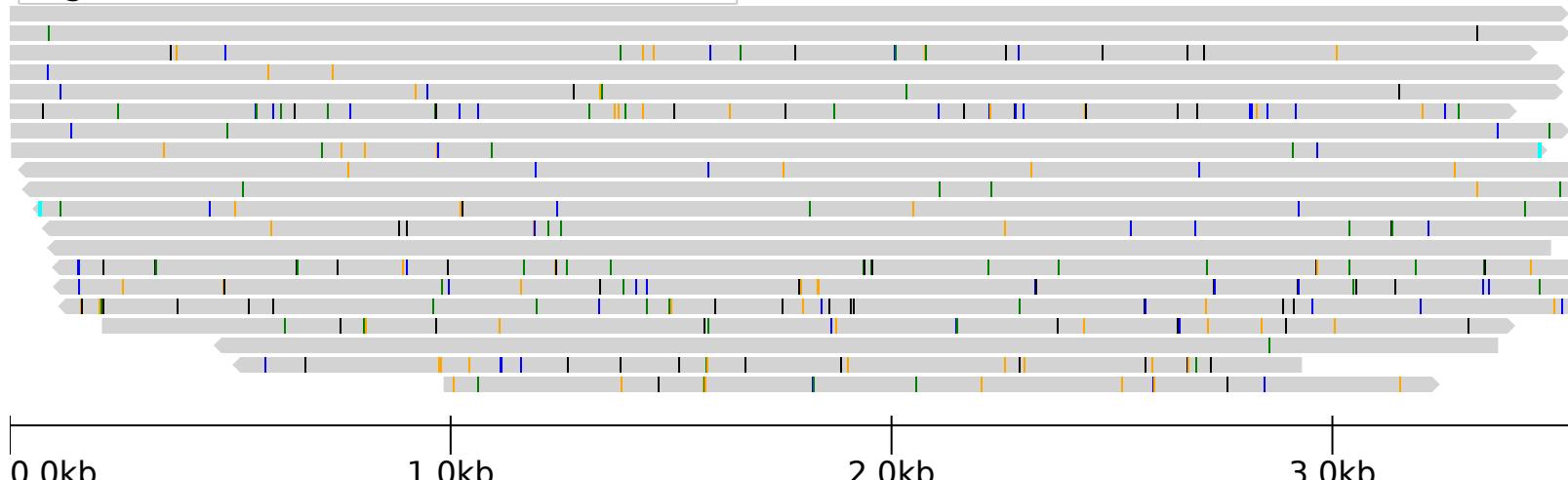
HLA-J*01:01:01:18

bam coverage



variants

Alignment (reference: constructed het 1)



HLA-J*01:01:01:18 (identity: 100.00%)

Sample: test_HLA2

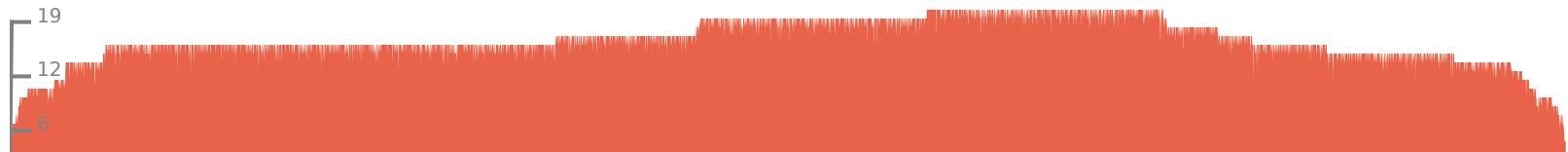
Locus: HLA-DQA2

Resolution: 4th field

Full typing result:

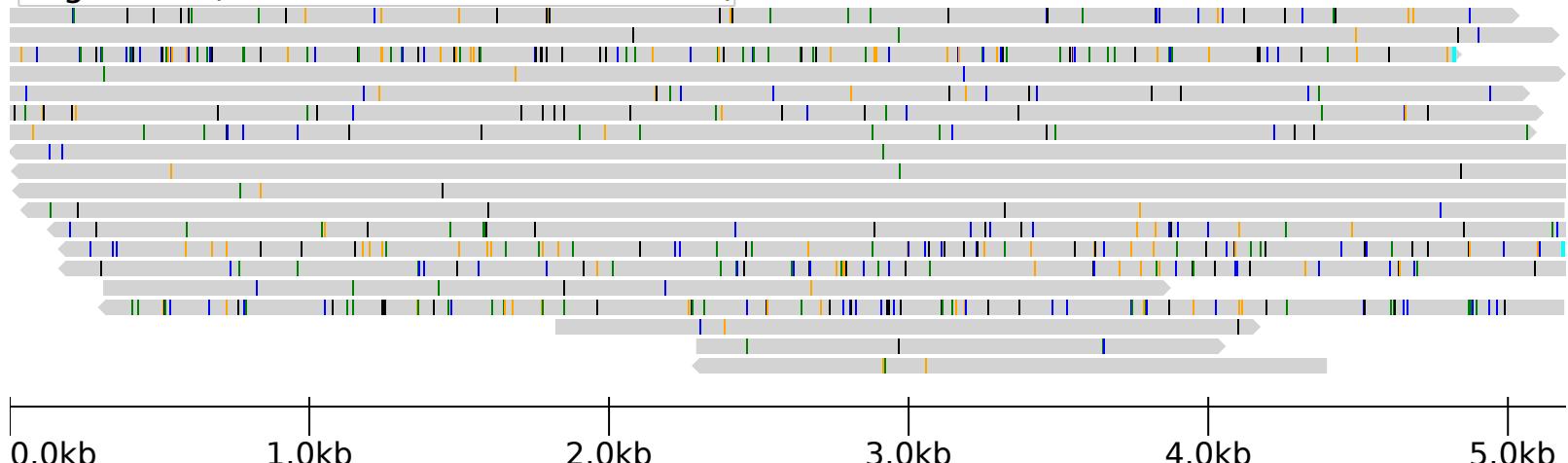
HLA-DQA2*01:01:02:13

bam coverage



variants

Alignment (reference: constructed het 1)



HLA-DQA2*01:01:02:13 (identity: 100.00%)

Sample: test_HLA2

Locus: HLA-A

Resolution: 4th field

Full typing result:

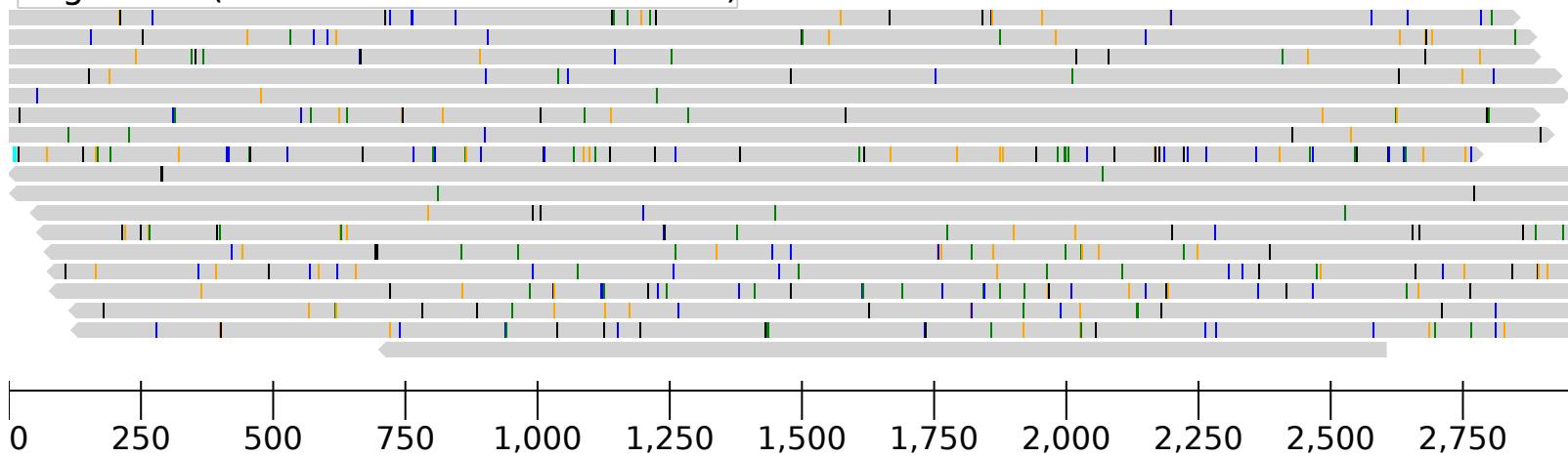
HLA-A*02:01:01:168	HLA-A*02:01:01:01	HLA-A*02:01:01:02L
HLA-A*02:01:01:145	HLA-A*02:01:01:150	HLA-A*02:01:01:155
HLA-A*02:01:01:157	HLA-A*02:01:01:159	HLA-A*02:01:01:16
HLA-A*02:01:01:160	HLA-A*02:01:01:205	HLA-A*02:01:01:206
HLA-A*02:01:01:243	HLA-A*02:01:01:245	HLA-A*02:01:01:247

bam coverage



variants

Alignment (reference: constructed het 1)



HLA-A*02:01:01:168 (identity: 100.00%)



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



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



HLA-A*02:01:01:145 (identity: 100.00%)



HLA-A*02:01:01:150 (identity: 100.00%)



HLA-A*02:01:01:155 (identity: 100.00%)



HLA-A*02:01:01:157 (identity: 100.00%)



HLA-A*02:01:01:159 (identity: 100.00%)



HLA-A*02:01:01:16 (identity: 100.00%)



HLA-A*02:01:01:160 (identity: 100.00%)



Sample: test_HLA2

Locus: HFE

Resolution: 4th field

Full typing result:

HFE*001:01:02

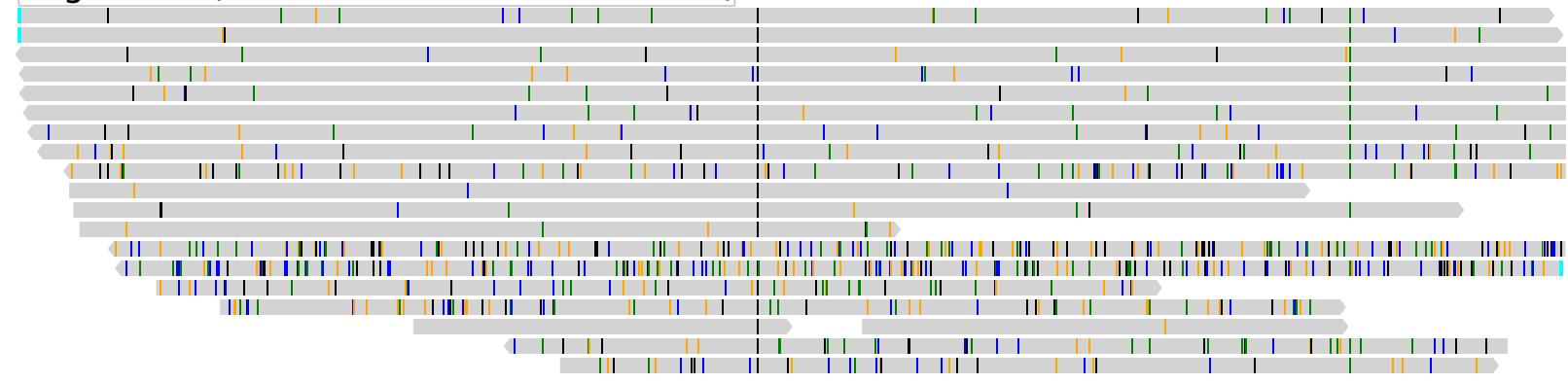
bam coverage



variants



Alignment (reference: constructed het 2)



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

HFE*001:01:02 (identity: 100.00%)

Sample: test_HLA2

Locus: HLA-DPB1

Resolution: 4th field

Full typing result:

HLA-DPB1*02:01:15	HLA-DPB1*02:01:02:03	HLA-DPB1*02:01:02:28
HLA-DPB1*02:01:02:26	HLA-DPB1*02:01:02:50	HLA-DPB1*02:01:02:86
HLA-DPB1*81:01:01:02	HLA-DPB1*967:01	HLA-DPB1*02:01:02:34
HLA-DPB1*02:01:02:46Q	HLA-DPB1*02:01:19:01	HLA-DPB1*1369:01
HLA-DPB1*416:01:01:02	HLA-DPB1*02:01:02:05	HLA-DPB1*02:01:02:01

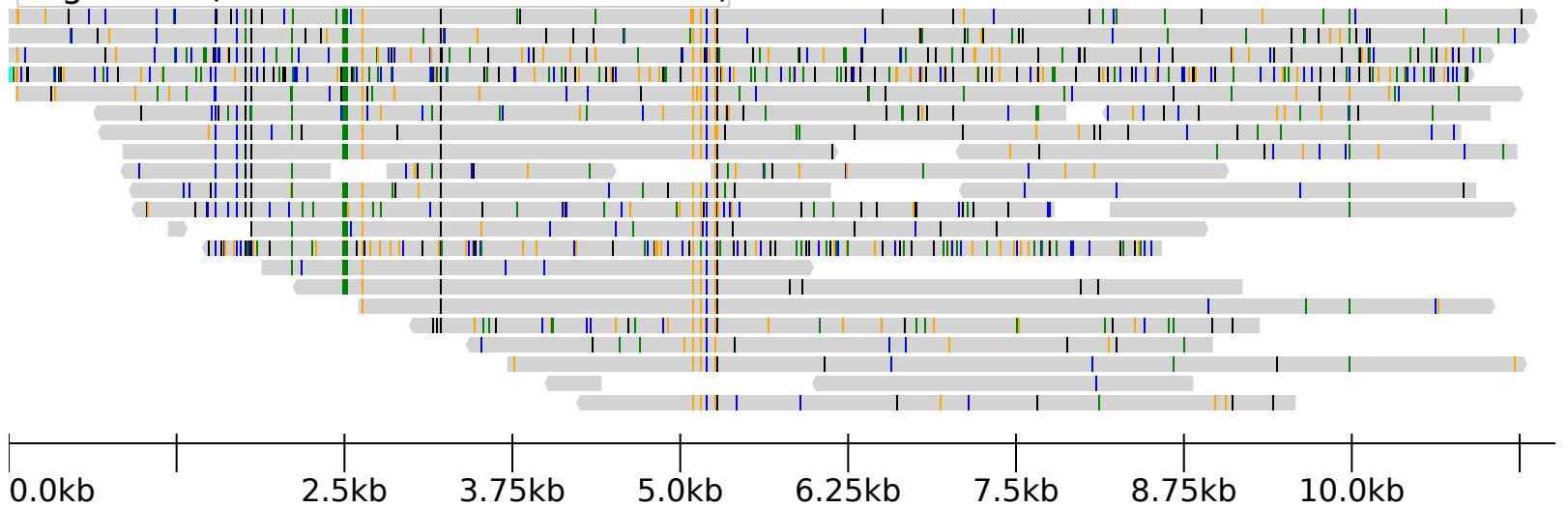
bam coverage



variants



Alignment (reference: constructed het 2)



HLA-DPB1*02:01:15 (identity: 100.00%)

HLA-DPB1*02:01:02:03 (identity: 100.00%)

HLA-DPB1*02:01:02:28 (identity: 99.96%)

HLA-DPB1*02:01:02:26 (identity: 100.00%)

HLA-DPB1*02:01:02:50 (identity: 100.00%)

HLA-DPB1*02:01:02:86 (identity: 100.00%)

HLA-DPB1*81:01:01:02 (identity: 100.00%)

HLA-DPB1*967:01 (identity: 100.00%)

HLA-DPB1*02:01:02:34 (identity: 99.86%)

HLA-DPB1*02:01:02:46Q (identity: 100.00%)

Sample: test_HLA2

Locus: HLA-L

Resolution: 4th field

Full typing result:

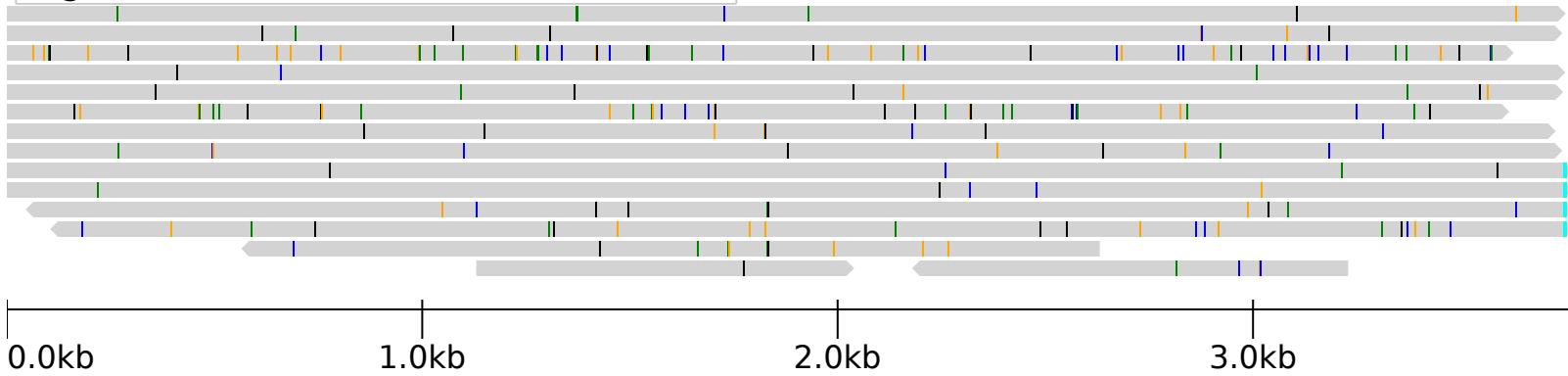
HLA-L*01:01:01:01

bam coverage



variants

Alignment (reference: constructed het 1)



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

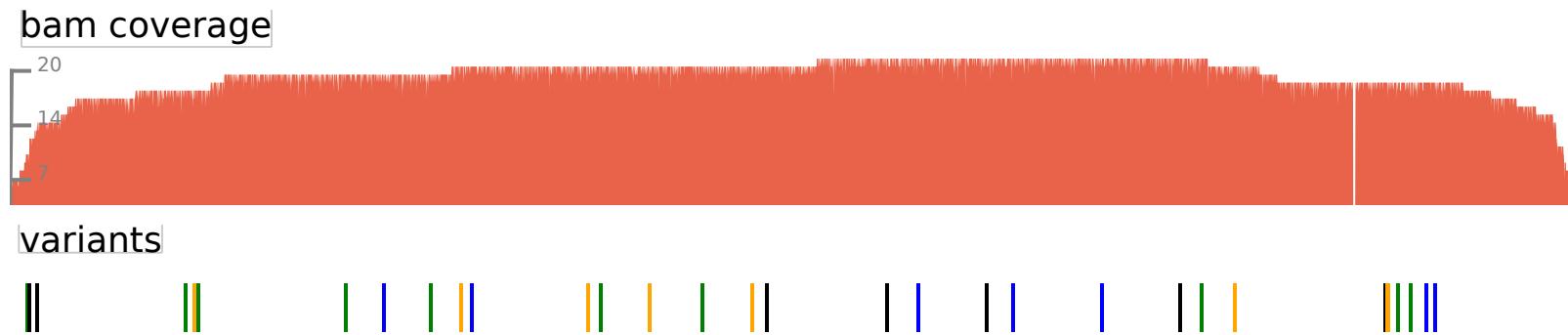
Sample: test_HLA2

Locus: HLA-DRA

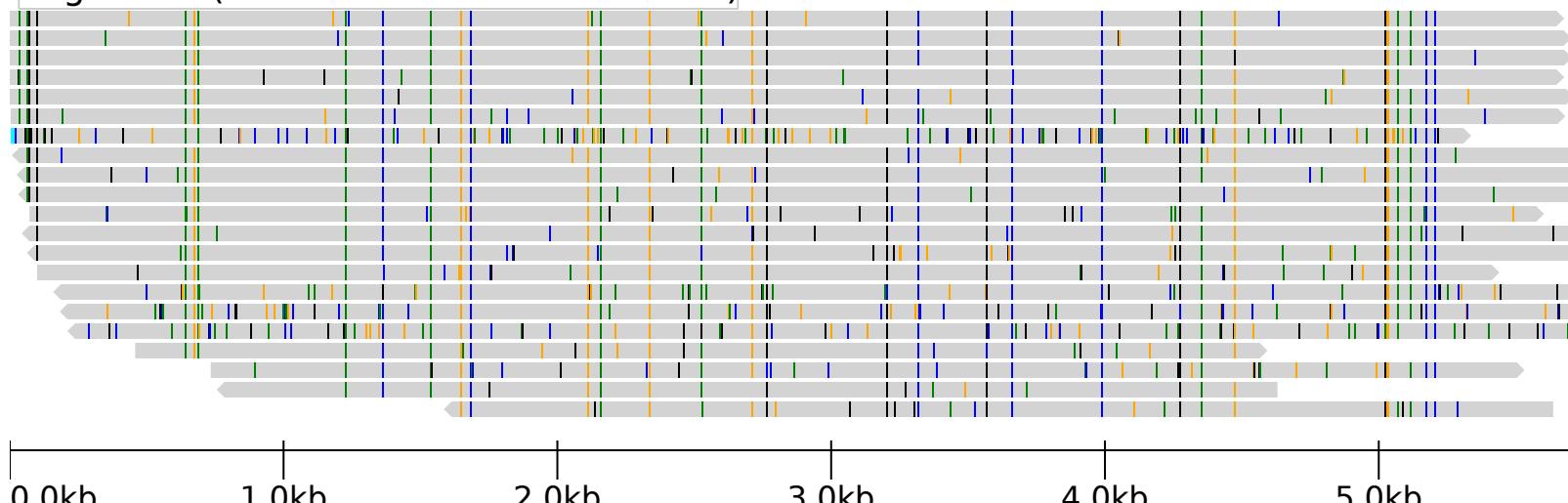
Resolution: 4th field

Full typing result:

HLA-DRA*01:01:01:25



Alignment (reference: constructed het 2)



HLA-DRA*01:01:01:25 (identity: 100.00%)

Sample: test_HLA2

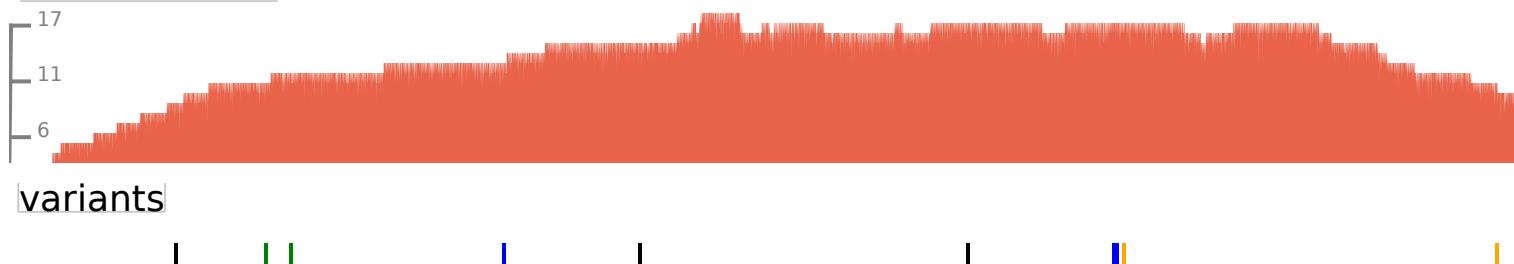
Locus: HLA-DRB4

Resolution: 4th field

Full typing result:

HLA-DRB4*01:03:01:16	HLA-DRB4*01:03:01:04	HLA-DRB4*01:03:01:11
HLA-DRB4*01:03:01:10	HLA-DRB4*01:03:01:01	HLA-DRB4*01:03:01:03
HLA-DRB4*01:03:01:15	HLA-DRB4*01:03:01:17	HLA-DRB4*01:02
HLA-DRB4*01:03:01:14	HLA-DRB4*01:03:01:18	HLA-DRB4*01:152
HLA-DRB4*01:03:01:09		HLA-DRB4*01:03:01:13N

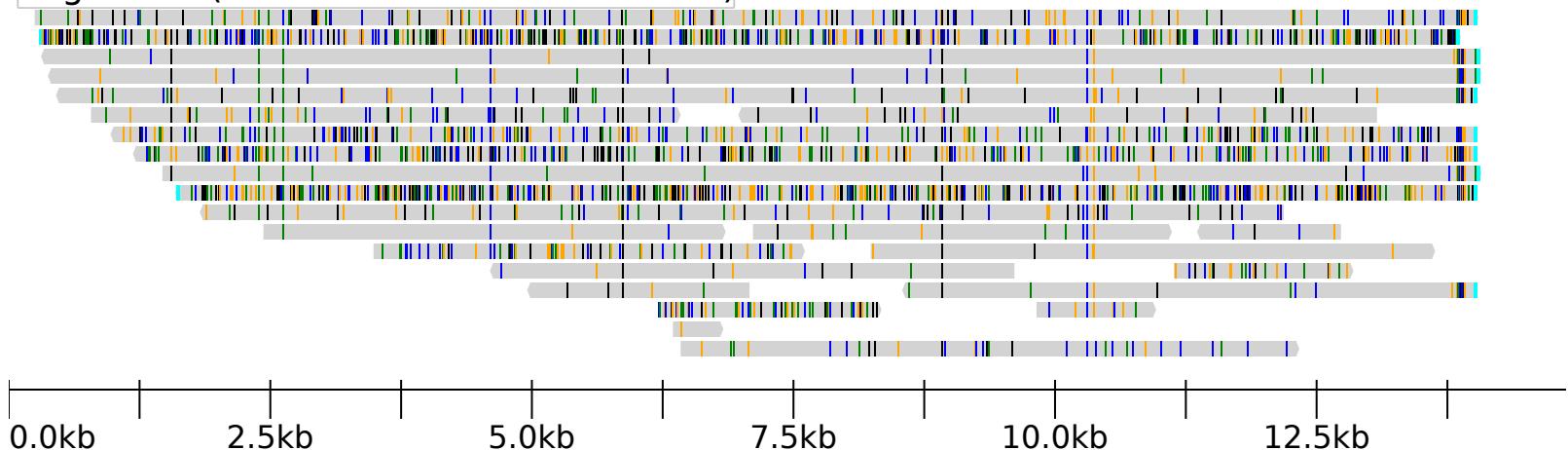
bam coverage



variants



Alignment (reference: constructed het 2)



HLA-DRB4*01:03:01:16 (identity: 100.00%)



HLA-DRB4*01:03:01:04 (identity: 100.00%)



HLA-DRB4*01:03:01:11 (identity: 99.99%)



HLA-DRB4*01:03:01:10 (identity: 100.00%)



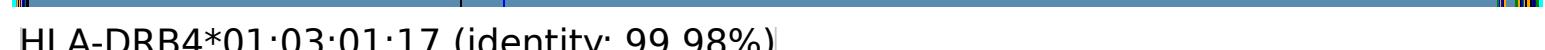
HLA-DRB4*01:03:01:01 (identity: 99.99%)



HLA-DRB4*01:03:01:03 (identity: 99.99%)



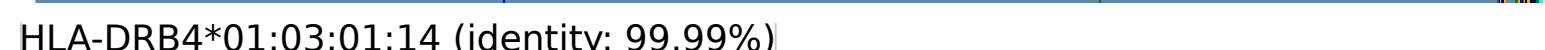
HLA-DRB4*01:03:01:15 (identity: 99.99%)



HLA-DRB4*01:03:01:17 (identity: 99.98%)



HLA-DRB4*01:02 (identity: 99.99%)



HLA-DRB4*01:03:01:14 (identity: 99.99%)



Sample: test_HLA2

Locus: HLA-DOA

Resolution: 4th field

Full typing result:

HLA-DOA*01:01:02:22

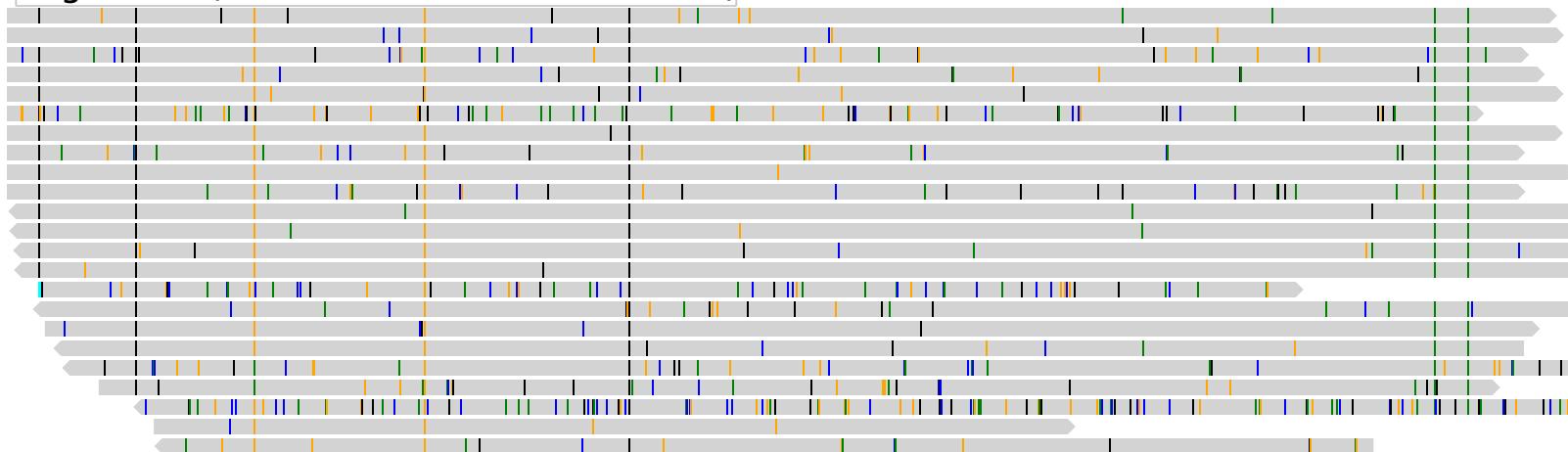
bam coverage



variants



Alignment (reference: constructed het 2)



0.0kb 1.0kb 2.0kb 3.0kb

HLA-DOA*01:01:02:22 (identity: 100.00%)