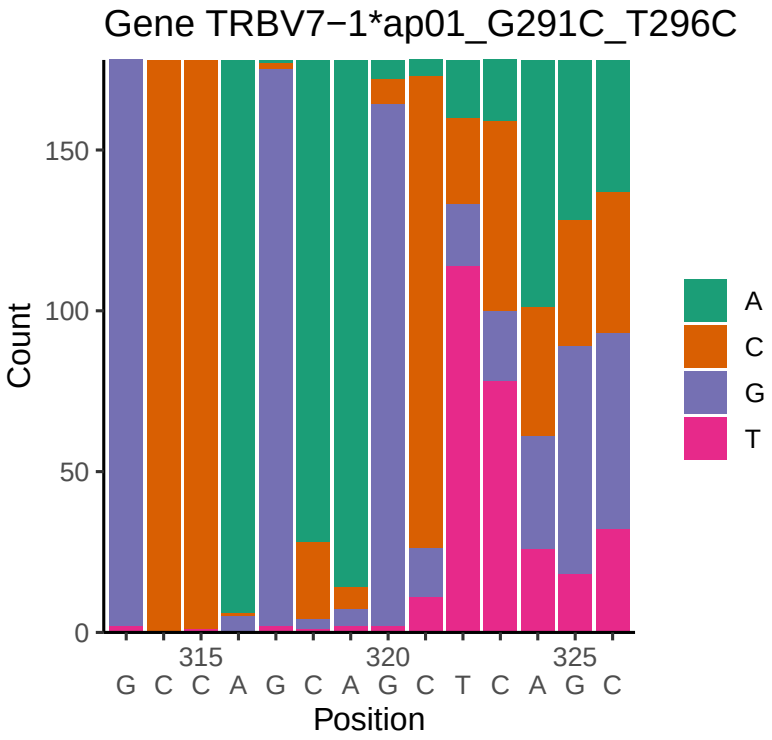
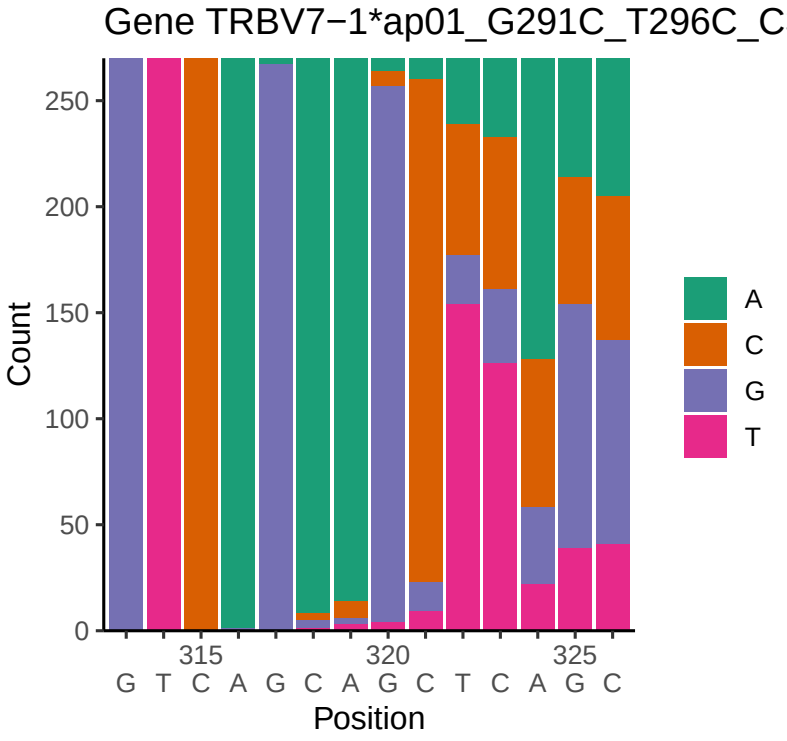
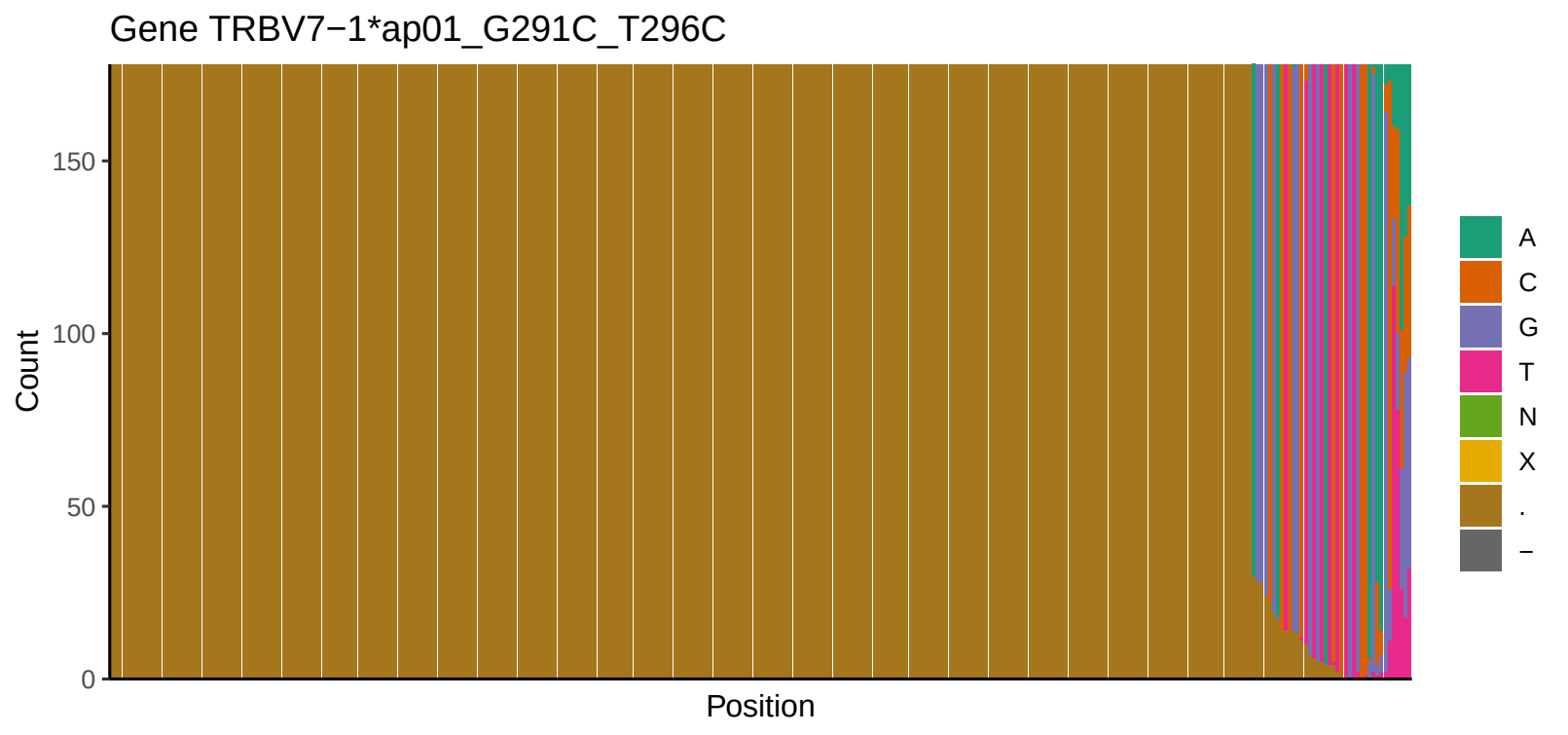
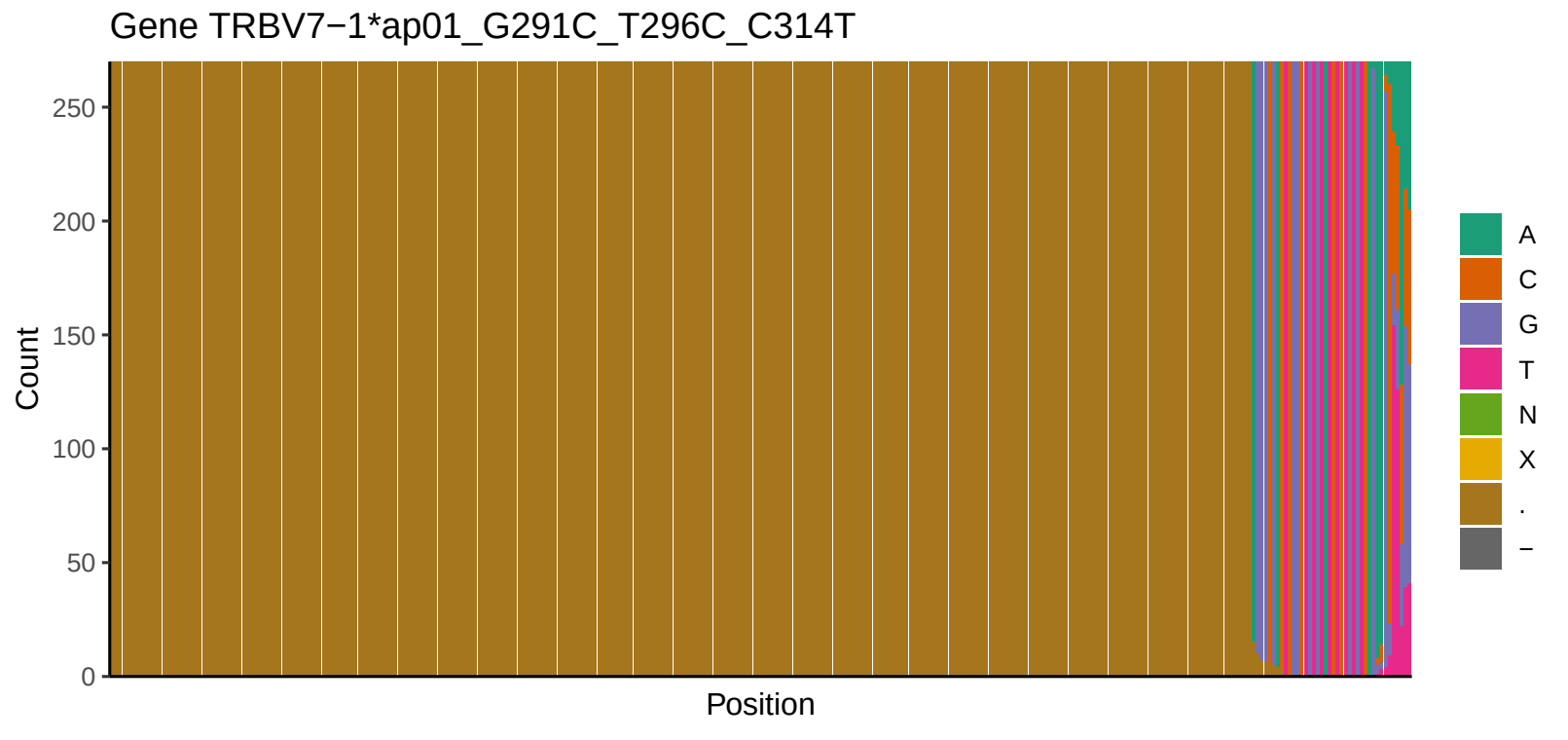
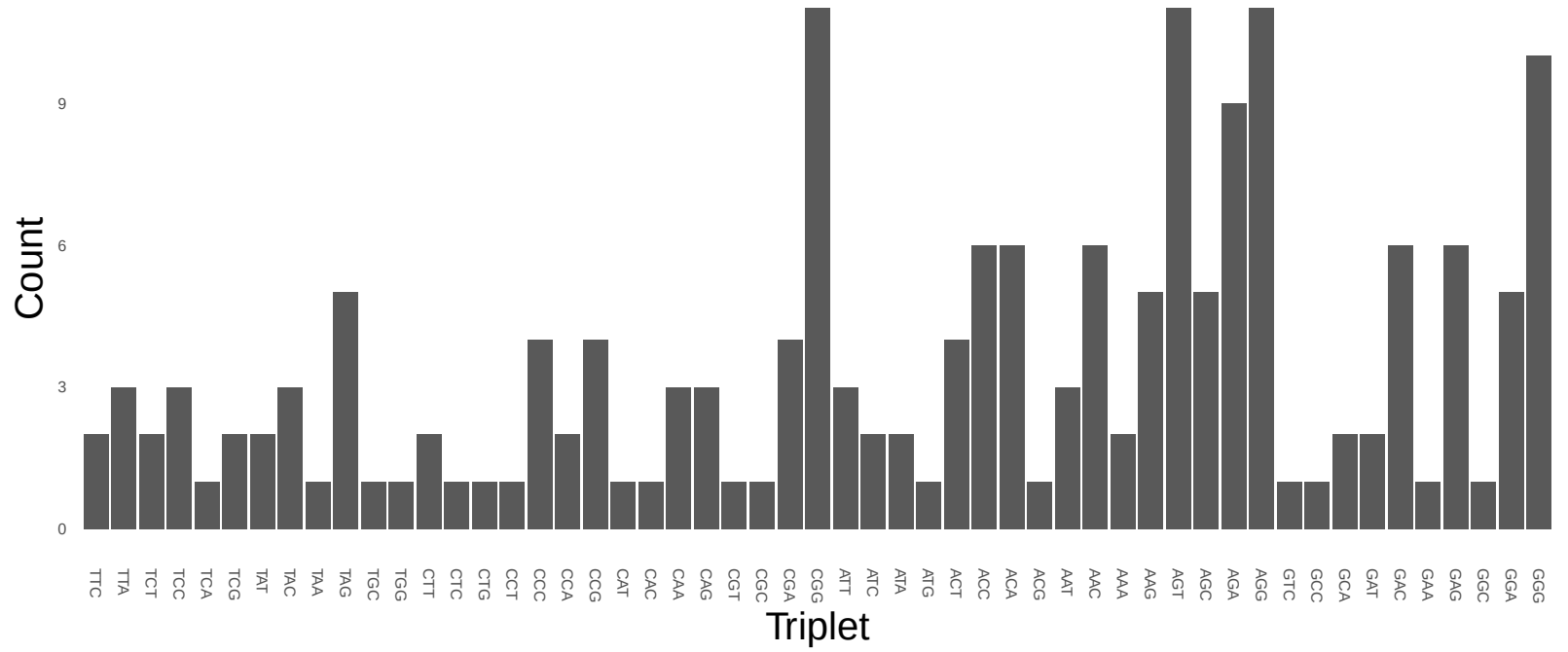

Gene TRBV7−1*ap01_G291C_T296C
Count
150
100
50
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−1*ap01_G291C_T296C_C314T
Count
250
200
150
100
50
0
315
320
325
G T C A G C A G C T C A G C
Position
A
C
G
T

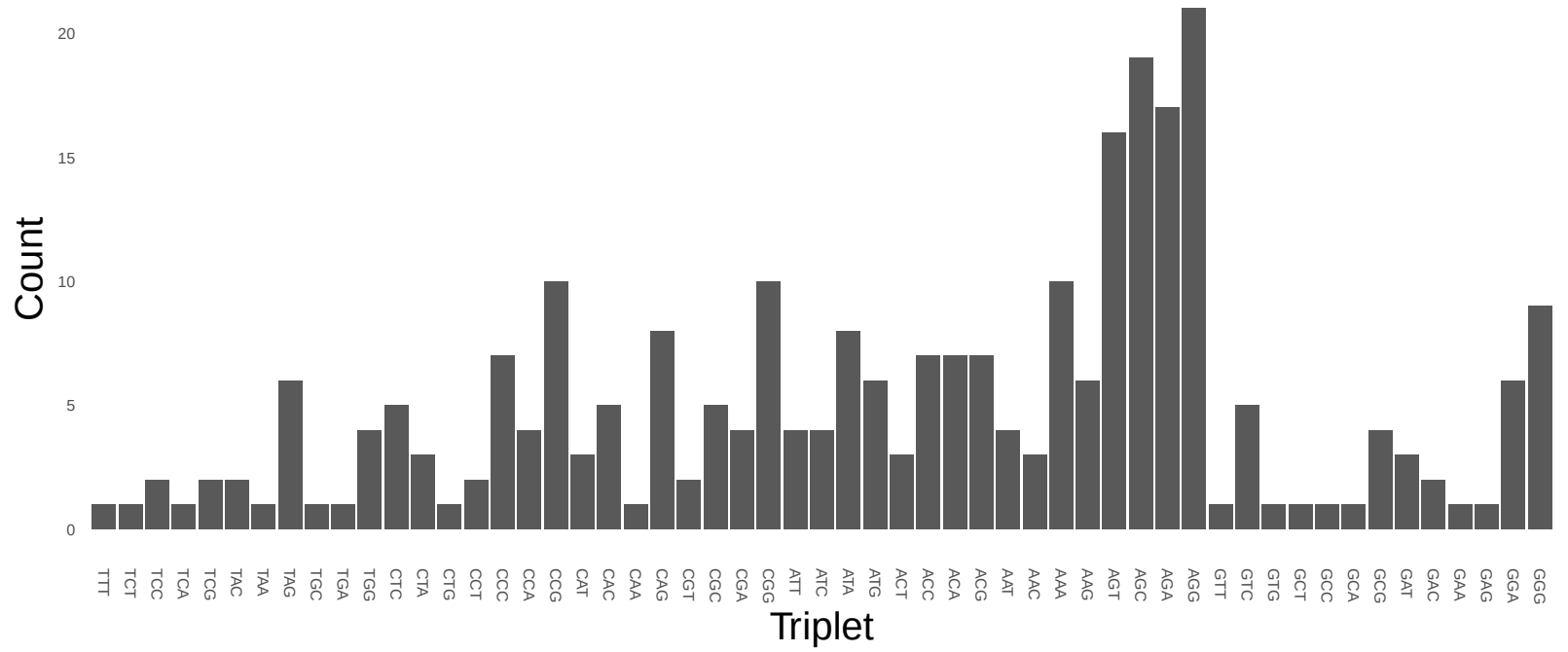

Gene TRBV7−1*ap01_G291C_T296C
Count
150
100
50
0
Position
A
C
G
T
N
X
.
–


Gene TRBV7−1*ap01_G291C_T296C_C314T
Count
250
200
150
100
50
0
Position
A
C
G
T
N
X
.
–

TRBV7−1*ap01_G291C_T296C− Final 3 nucleotides as a triplet

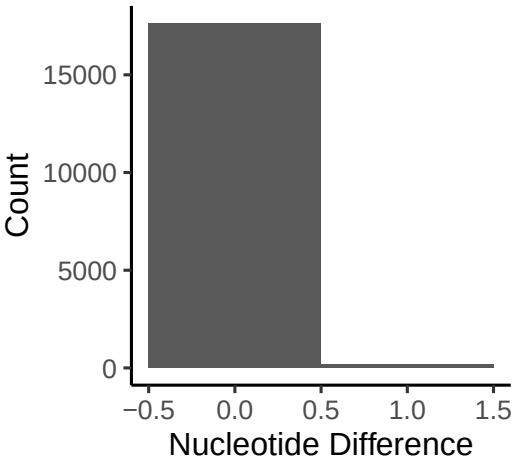


TRBV7−1*ap01_G291C_T296C_C314T− Final 3 nucleotides as a triplet



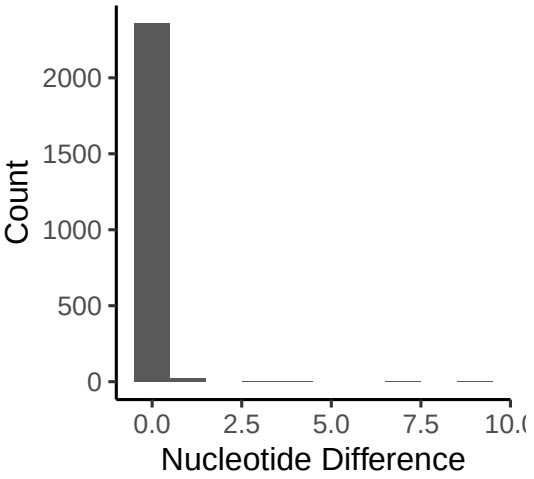
TRBV20−1*ap01

17827 sequences assigned
17646 (99%) exact matches, in which:
17402 unique CDR3
13 unique J



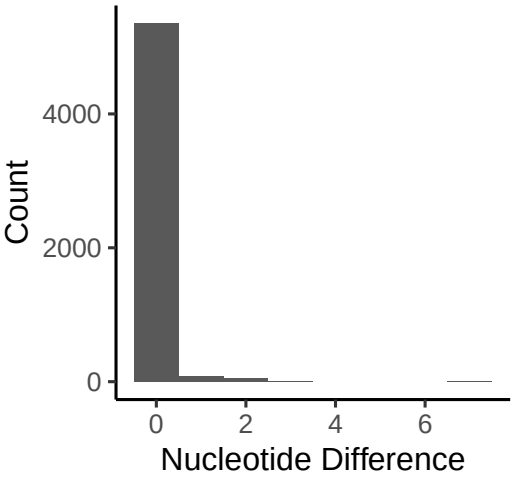
TRBV10−2*ap01

2387 sequences assigned
2358 (98.8%) exact matches, in which:
2305 unique CDR3
13 unique J



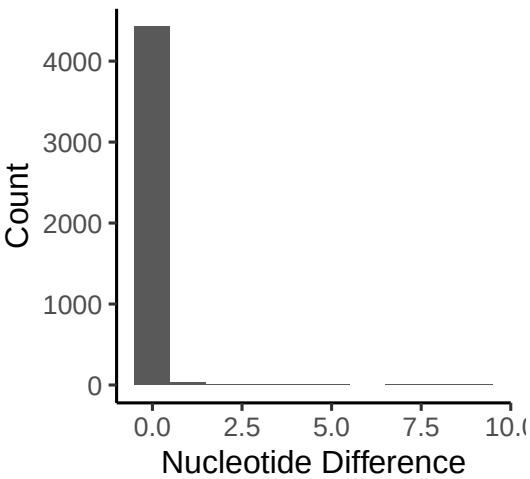
TRBV13*ap01

5480 sequences assigned
5352 (97.7%) exact matches, in which:
5212 unique CDR3
13 unique J



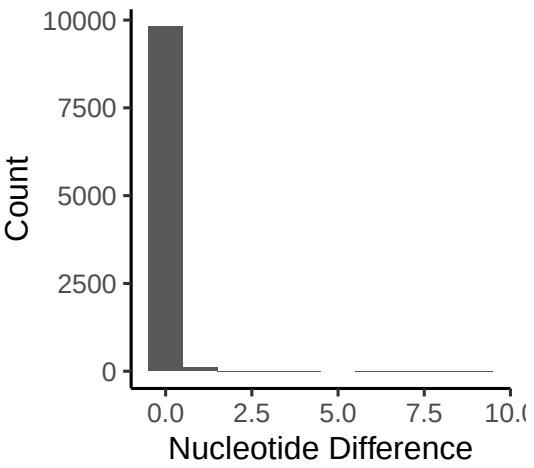
TRBV10−1*ap01

4472 sequences assigned
4425 (98.9%) exact matches, in which:
4306 unique CDR3
13 unique J



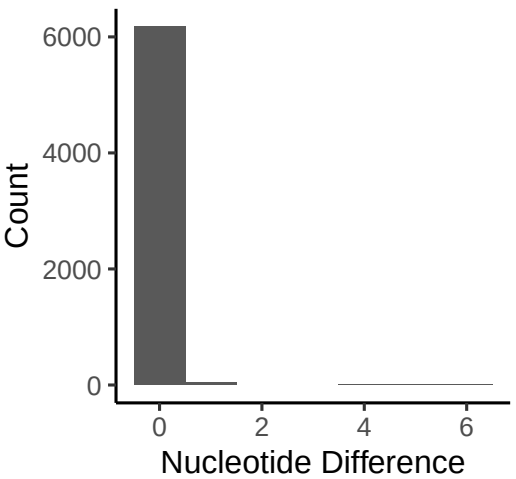
TRBV10−3*ap01

9940 sequences assigned
9818 (98.8%) exact matches, in which:
9605 unique CDR3
13 unique J



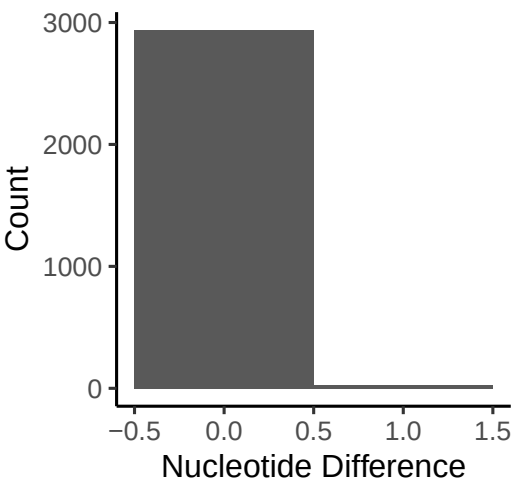
TRBV14*ap01

6223 sequences assigned
6175 (99.2%) exact matches, in which:
6091 unique CDR3
13 unique J



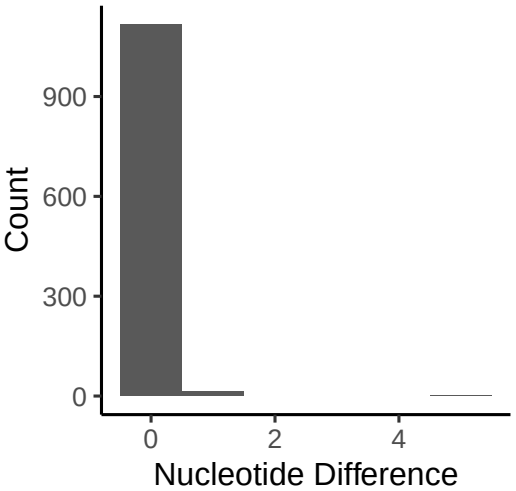
TRBV20−1*ap02

2963 sequences assigned
2938 (99.2%) exact matches, in which:
2899 unique CDR3
13 unique J



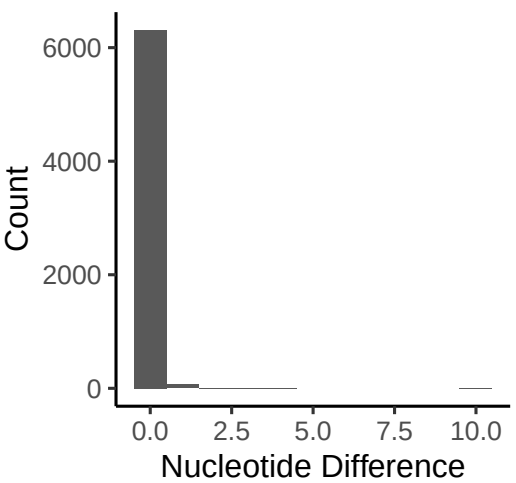
TRBV1*ap01

1131 sequences assigned
1117 (98.8%) exact matches, in which:
1092 unique CDR3
13 unique J



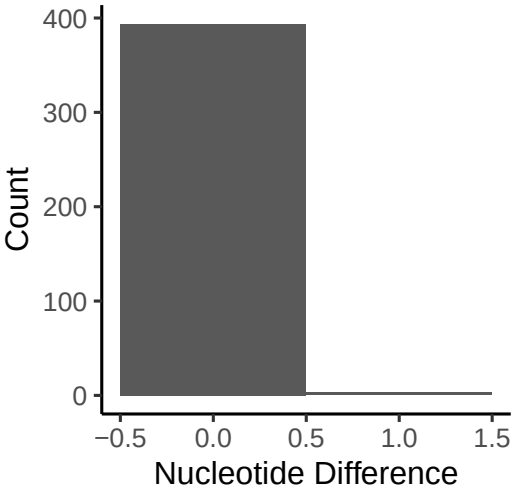
TRBV15*ap02

6383 sequences assigned
6310 (98.9%) exact matches, in which:
6196 unique CDR3
13 unique J



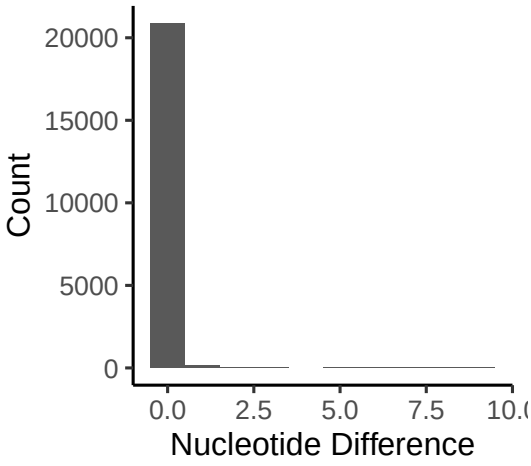
TRBV16*ap01

397 sequences assigned
394 (99.2%) exact matches, in which:
389 unique CDR3
13 unique J



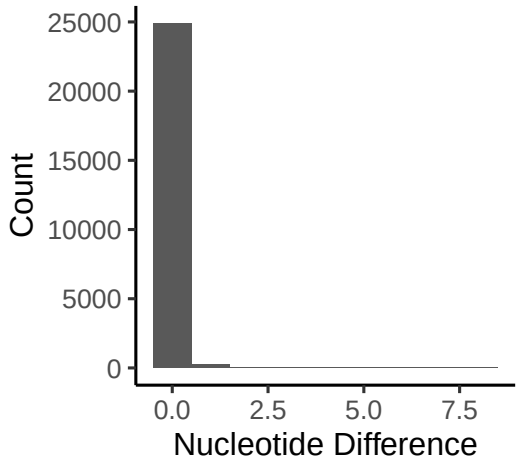
TRBV19*ap01

21090 sequences assigned
20885 (99%) exact matches, in which:
20725 unique CDR3
13 unique J



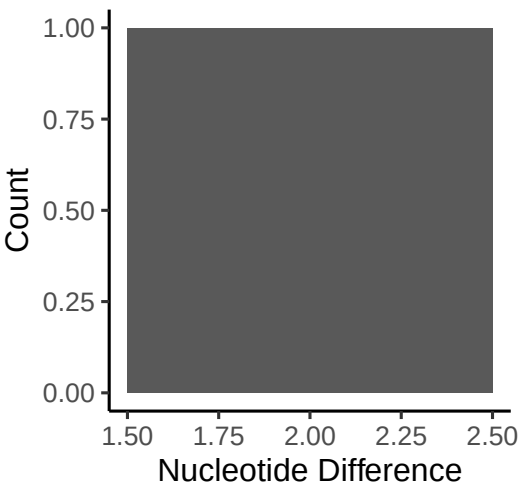
TRBV27*ap01

25225 sequences assigned
24912 (98.8%) exact matches, in which:
24375 unique CDR3
13 unique J



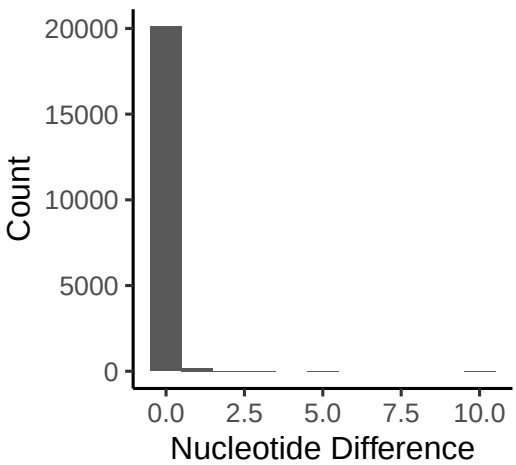
TRBV17*ap01

1 sequences assigned
No exact matches.



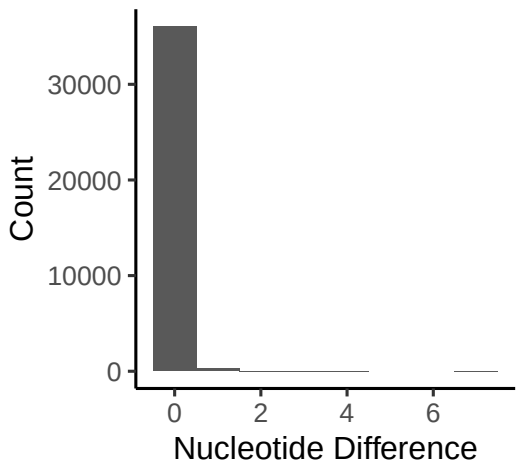
TRBV2*ap01

20327 sequences assigned
20115 (99%) exact matches, in which:
19686 unique CDR3
13 unique J



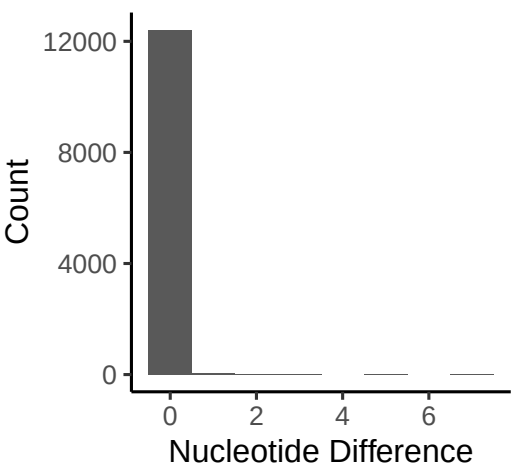
TRBV28*ap01

36351 sequences assigned
36048 (99.2%) exact matches, in which:
35562 unique CDR3
13 unique J



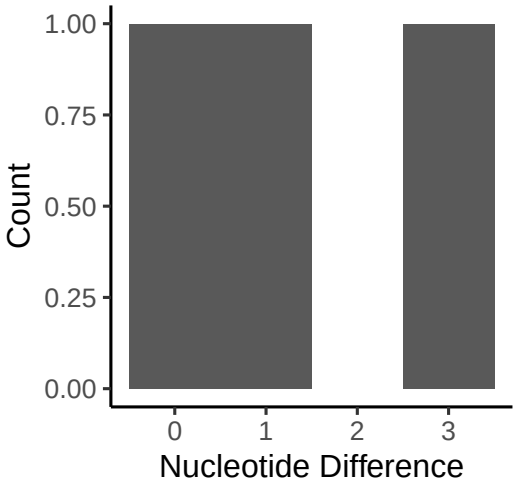
TRBV18*ap01

12474 sequences assigned
12416 (99.5%) exact matches, in which:
12309 unique CDR3
13 unique J



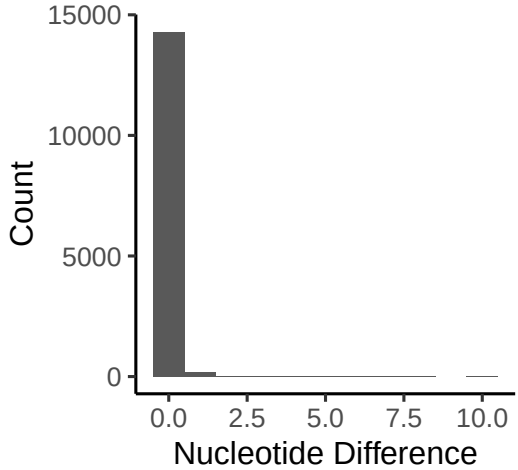
TRBV26*ap01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



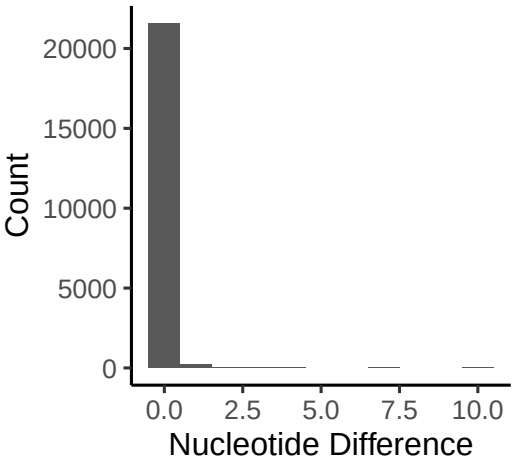
TRBV30*ap01

14522 sequences assigned
14296 (98.4%) exact matches, in which:
14046 unique CDR3
13 unique J



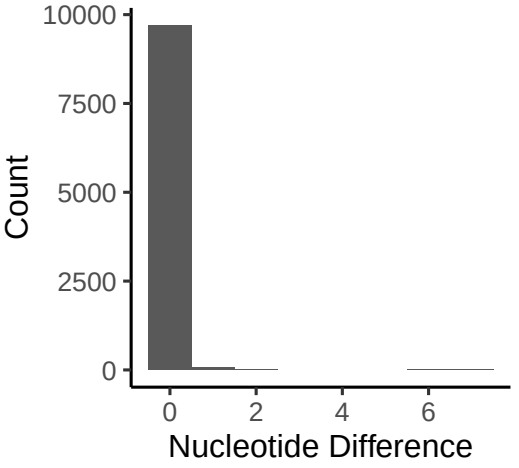
TRBV9*ap01

21811 sequences assigned
21586 (99%) exact matches, in which:
21303 unique CDR3
13 unique J



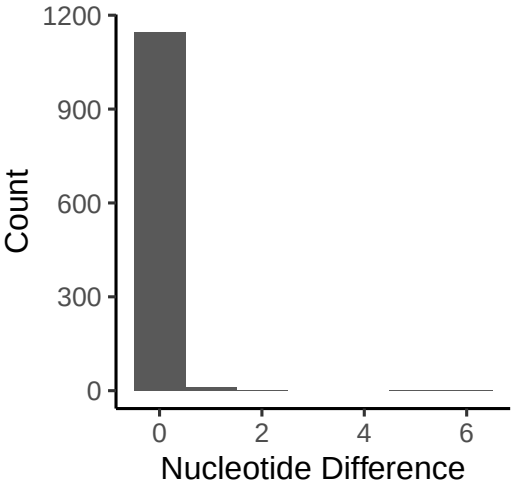
TRBV11−2*ap01

9786 sequences assigned
9704 (99.2%) exact matches, in which:
9554 unique CDR3
13 unique J



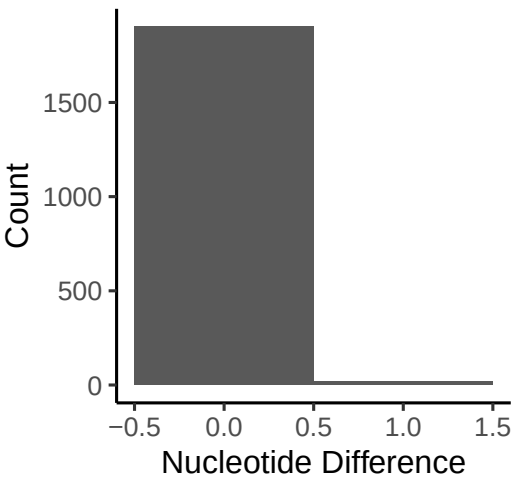
TRBV12−2*ap01

1163 sequences assigned
1145 (98.5%) exact matches, in which:
1131 unique CDR3
13 unique J



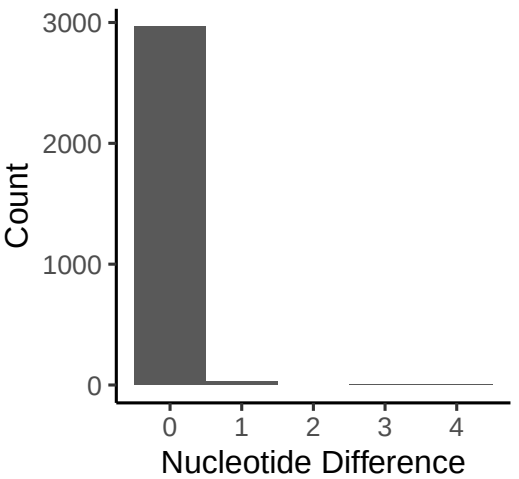
TRBV11−1*ap01

1920 sequences assigned
1902 (99.1%) exact matches, in which:
1869 unique CDR3
13 unique J



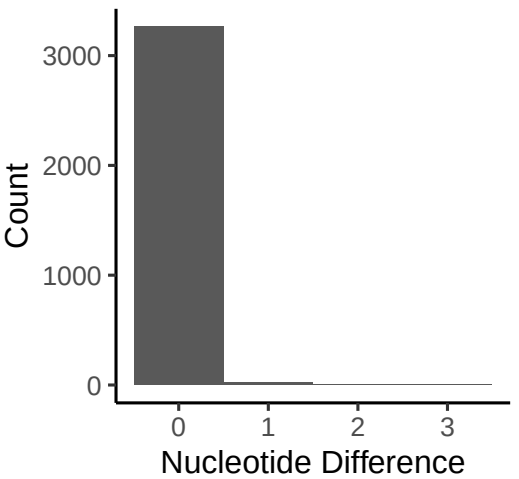
TRBV11−3*ap01

2997 sequences assigned
2965 (98.9%) exact matches, in which:
2936 unique CDR3
13 unique J



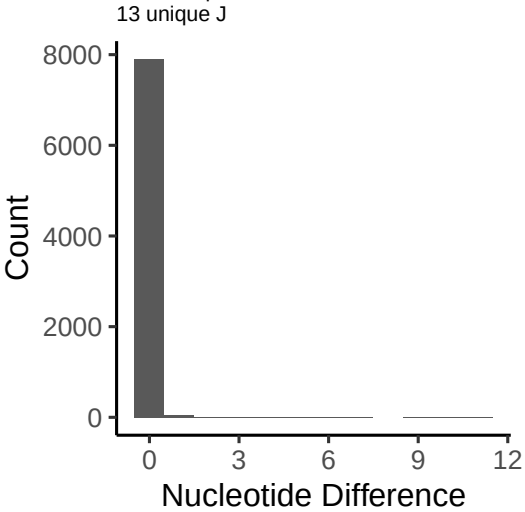
TRBV12−5*ap01

3284 sequences assigned
3263 (99.4%) exact matches, in which:
3214 unique CDR3
13 unique J



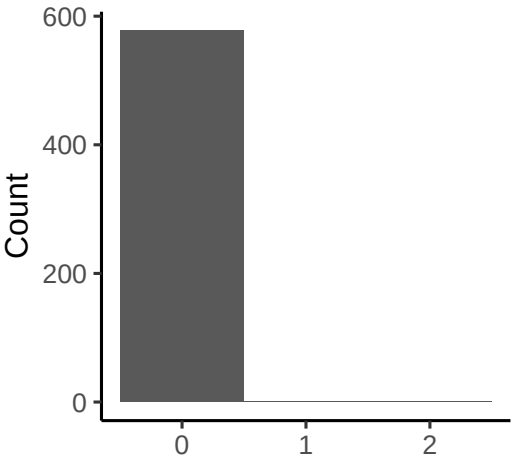
TRBV21−1*ap01

7996 sequences assigned
7903 (98.8%) exact matches, in which:
7821 unique CDR3
13 unique J



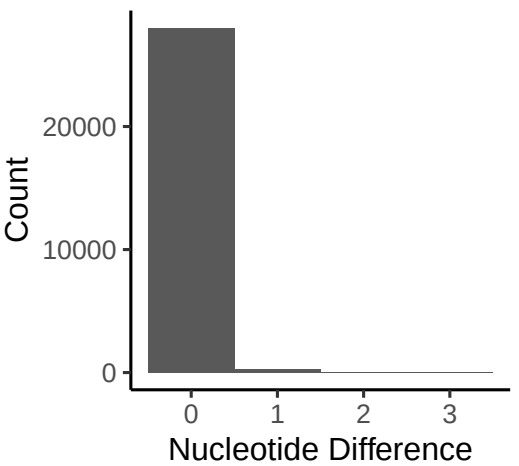
TRBV12−1*ap01

580 sequences assigned
578 (99.7%) exact matches, in which:
572 unique CDR3
13 unique J



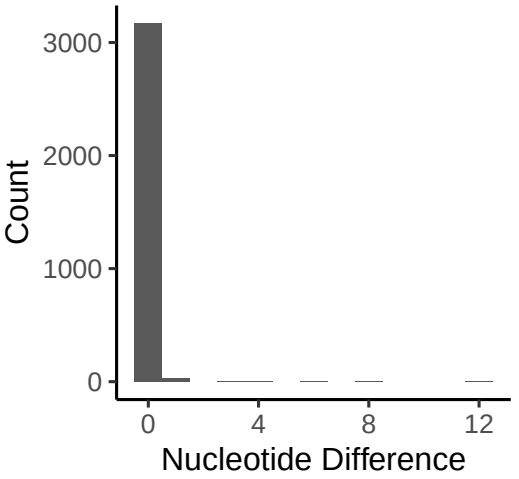
TRBV12−34*ap01

28289 sequences assigned
28026 (99.1%) exact matches, in which:
27487 unique CDR3
13 unique J



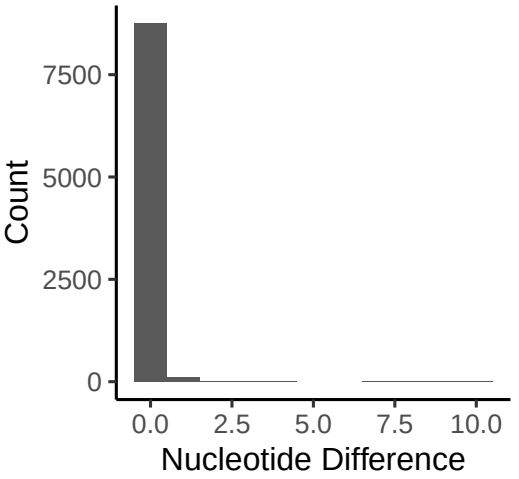
TRBV23−1*ap01

3207 sequences assigned
3169 (98.8%) exact matches, in which:
3129 unique CDR3
13 unique J



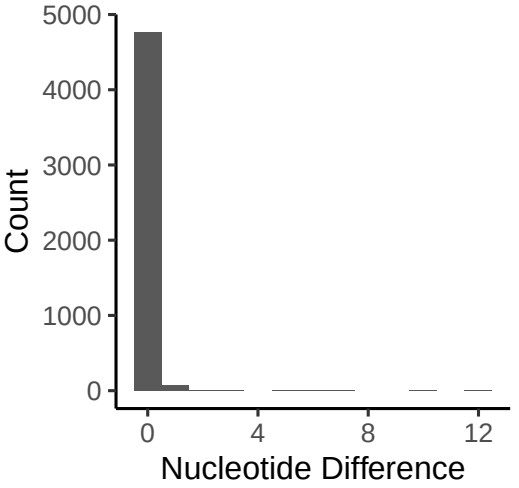
TRBV24−1*ap01

8876 sequences assigned
8752 (98.6%) exact matches, in which:
8576 unique CDR3
13 unique J



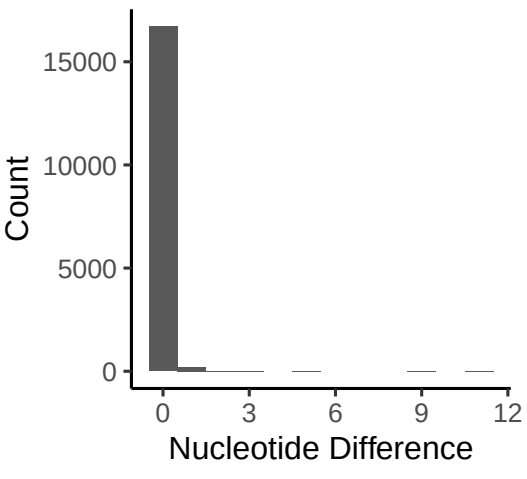
TRBV25−1*ap01

4847 sequences assigned
4762 (98.2%) exact matches, in which:
4666 unique CDR3
13 unique J



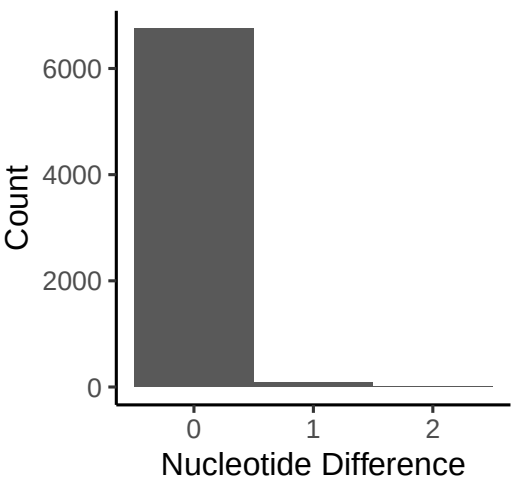
TRBV3−12*ap01

16935 sequences assigned
16711 (98.7%) exact matches, in which:
16338 unique CDR3
13 unique J



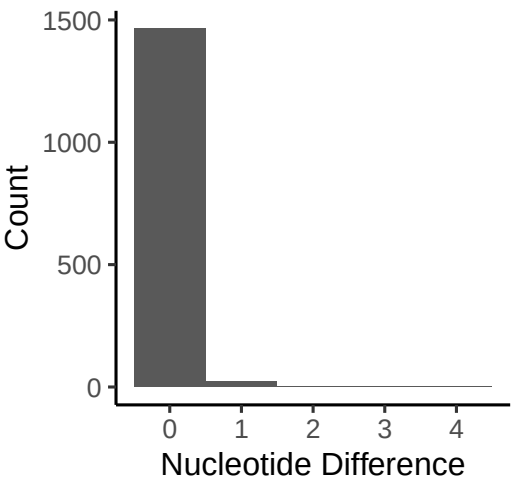
TRBV4−2*ap01

6840 sequences assigned
6749 (98.7%) exact matches, in which:
6582 unique CDR3
13 unique J



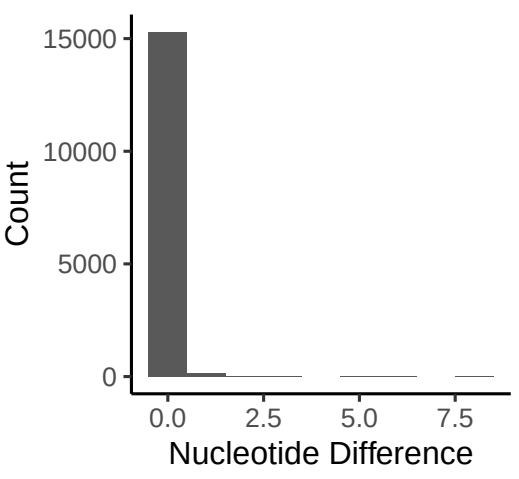
TRBV5−3*ap01

1491 sequences assigned
1464 (98.2%) exact matches, in which:
1443 unique CDR3
13 unique J



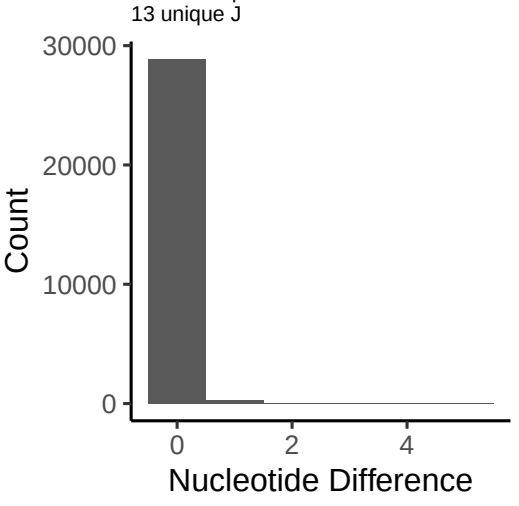
TRBV4−1*ap01

15451 sequences assigned
15302 (99%) exact matches, in which:
14957 unique CDR3
13 unique J



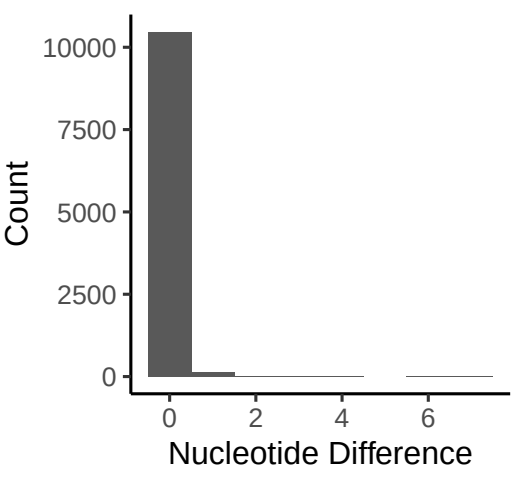
TRBV5−1*ap01

29201 sequences assigned
28899 (99%) exact matches, in which:
28203 unique CDR3
13 unique J



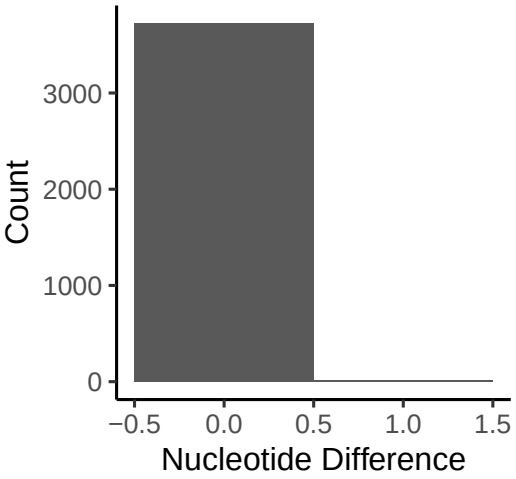
TRBV5−4*ap01

10612 sequences assigned
10470 (98.7%) exact matches, in which:
10224 unique CDR3
13 unique J



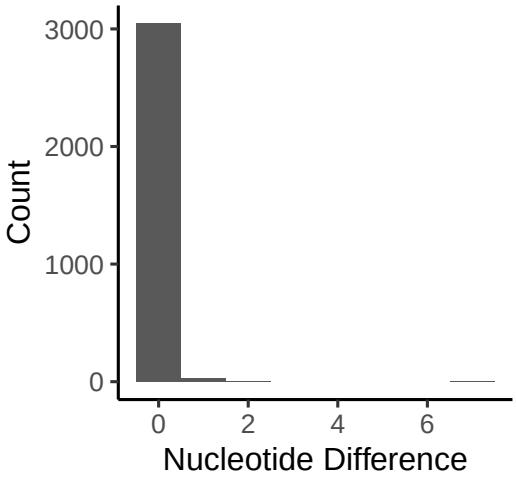
TRBV5−5*ap01

3742 sequences assigned
3723 (99.5%) exact matches, in which:
3707 unique CDR3
13 unique J



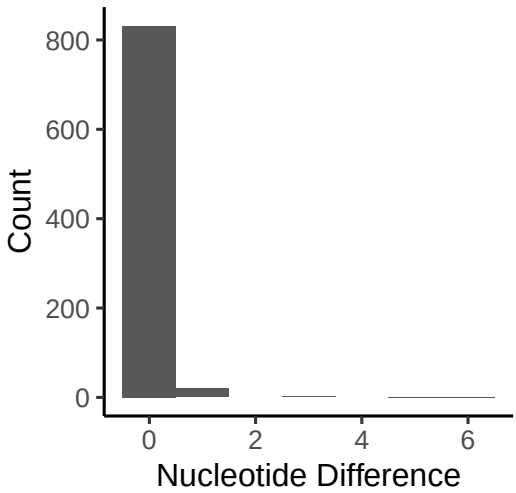
TRBV5−8*ap01

3079 sequences assigned
3047 (99%) exact matches, in which:
3005 unique CDR3
13 unique J



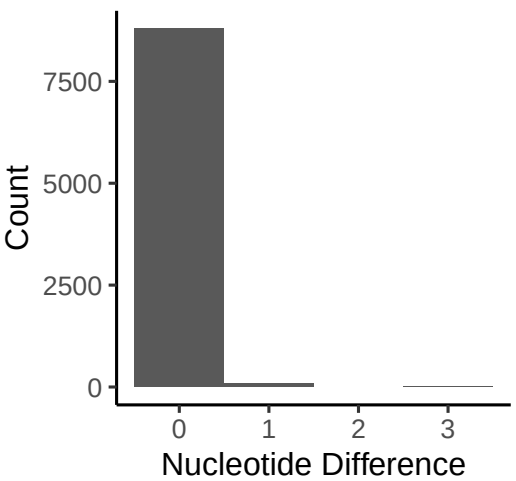
TRBV6−7*ap01

856 sequences assigned
832 (97.2%) exact matches, in which:
820 unique CDR3
13 unique J



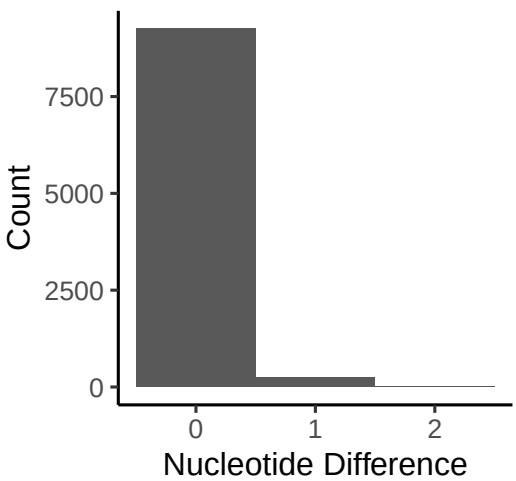
TRBV5−6*ap01

8888 sequences assigned
8792 (98.9%) exact matches, in which:
8565 unique CDR3
13 unique J



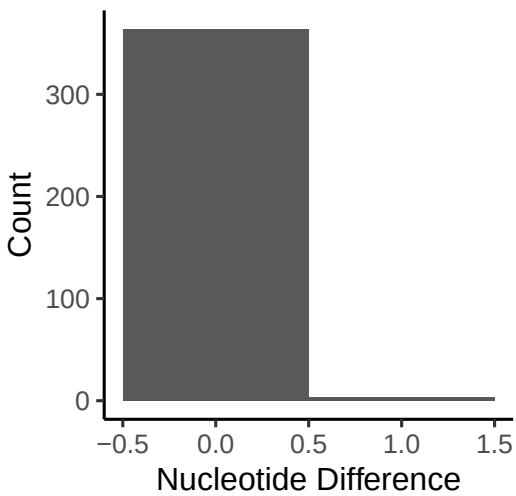
TRBV6−1*ap01

9490 sequences assigned
9252 (97.5%) exact matches, in which:
9051 unique CDR3
13 unique J



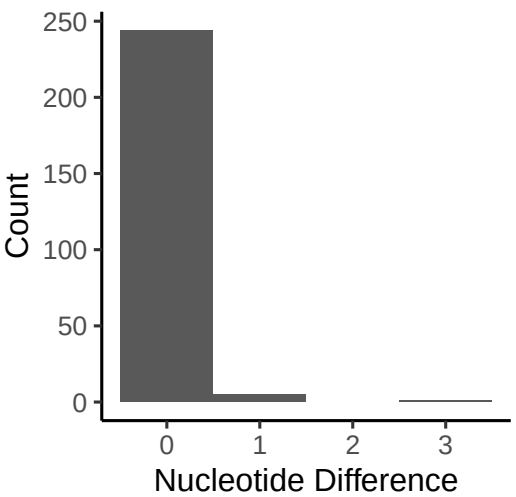
TRBV6−8*ap01

367 sequences assigned
364 (99.2%) exact matches, in which:
358 unique CDR3
13 unique J



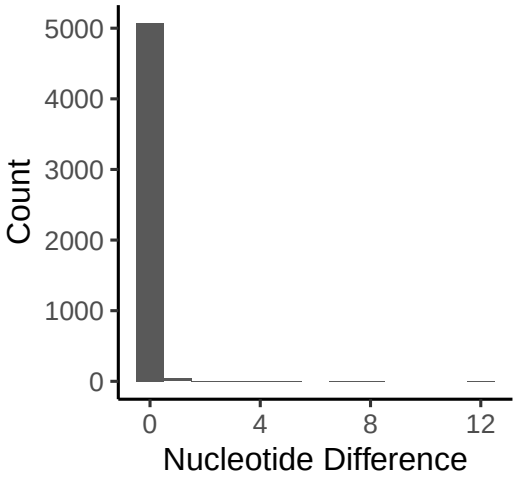
TRBV5−7*ap01

250 sequences assigned
244 (97.6%) exact matches, in which:
240 unique CDR3
13 unique J



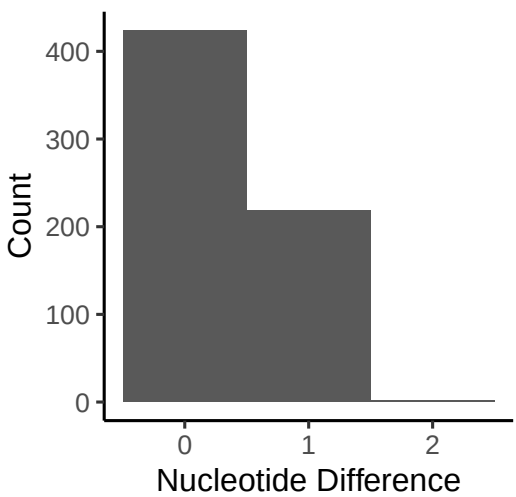
TRBV6−4*ap01

5131 sequences assigned
5073 (98.9%) exact matches, in which:
4980 unique CDR3
13 unique J



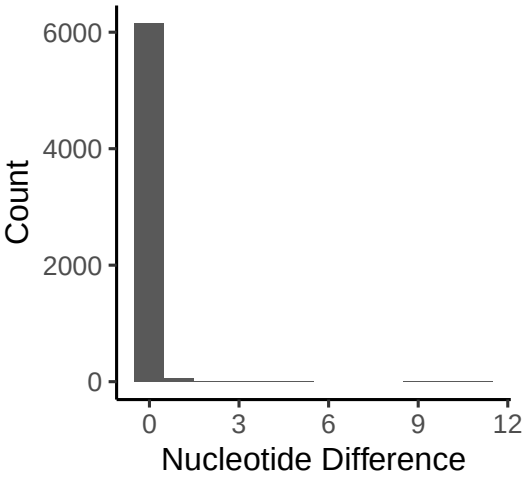
TRBV6−9*ap01

645 sequences assigned
424 (65.7%) exact matches, in which:
414 unique CDR3
13 unique J



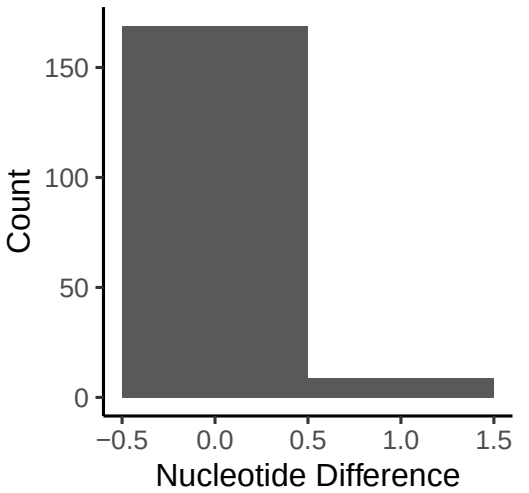
TRBV6−23*ap01

6222 sequences assigned
6151 (98.9%) exact matches, in which:
5966 unique CDR3
13 unique J



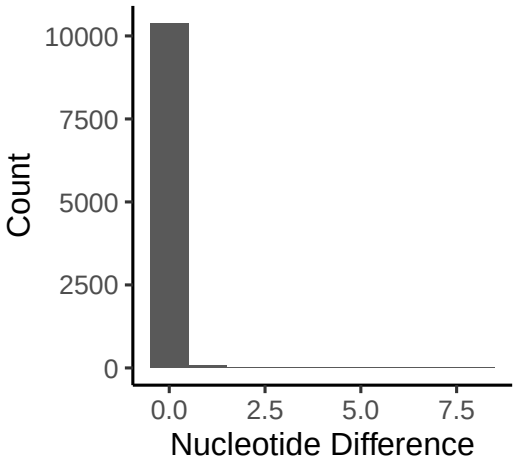
TRBV7−1*ap01_G291C_

178 sequences assigned
169 (94.9%) exact matches, in which:
168 unique CDR3
13 unique J



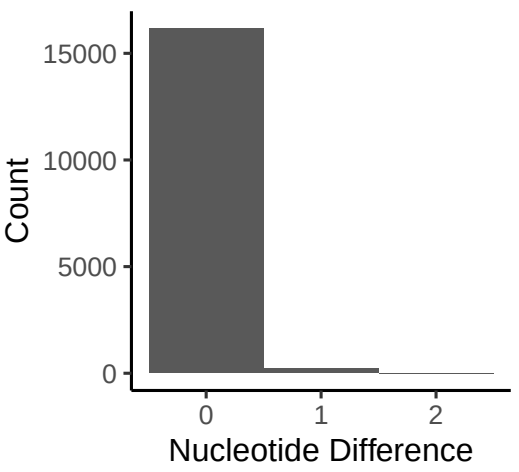
TRBV7−3*ap01

10465 sequences assigned
10385 (99.2%) exact matches, in which:
10259 unique CDR3
14 unique J



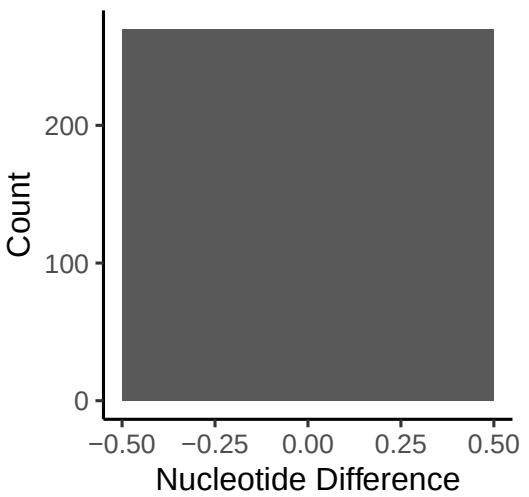
TRBV6−56*ap01

16392 sequences assigned
16165 (98.6%) exact matches, in which:
15701 unique CDR3
13 unique J



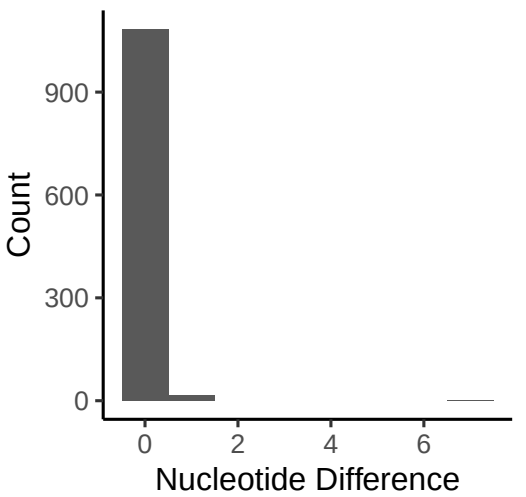
TRBV7−1*ap01_G291C_

270 sequences assigned
270 (100%) exact matches, in which:
265 unique CDR3
13 unique J



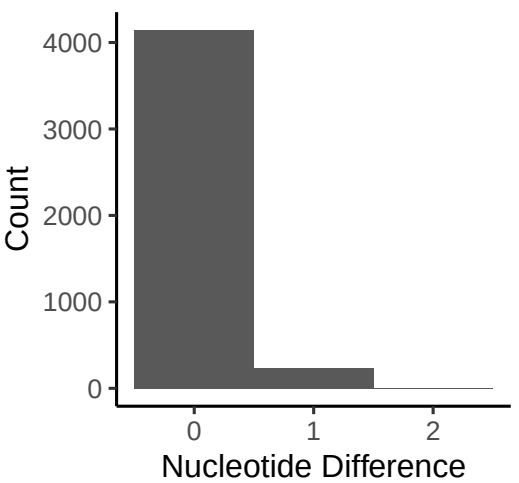
TRBV7−4*ap01

1100 sequences assigned
1084 (98.5%) exact matches, in which:
1071 unique CDR3
13 unique J



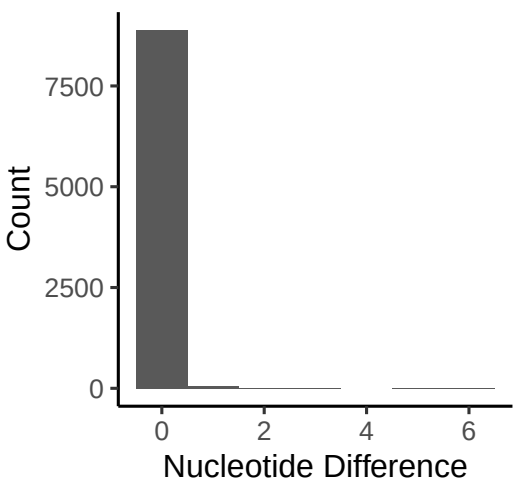
TRBV6−56*ap02

4382 sequences assigned
4144 (94.6%) exact matches, in which:
4048 unique CDR3
13 unique J



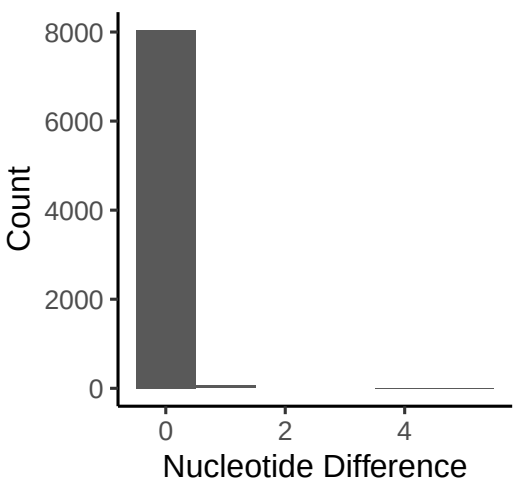
TRBV7−2*ap01

8947 sequences assigned
8886 (99.3%) exact matches, in which:
8751 unique CDR3
13 unique J



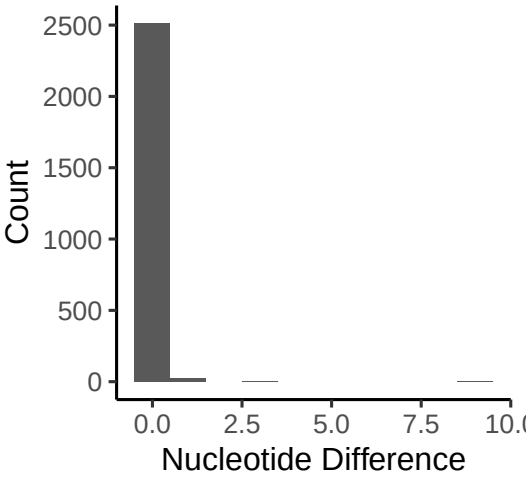
TRBV7−6*ap01

8108 sequences assigned
8044 (99.2%) exact matches, in which:
7924 unique CDR3
13 unique J



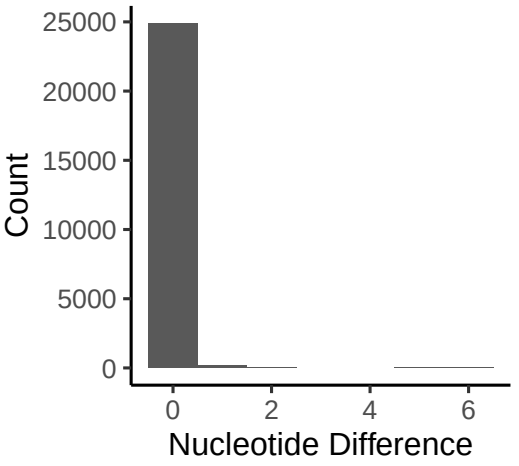
TRBV7−7*ap01

2536 sequences assigned
2512 (99.1%) exact matches, in which:
2471 unique CDR3
13 unique J



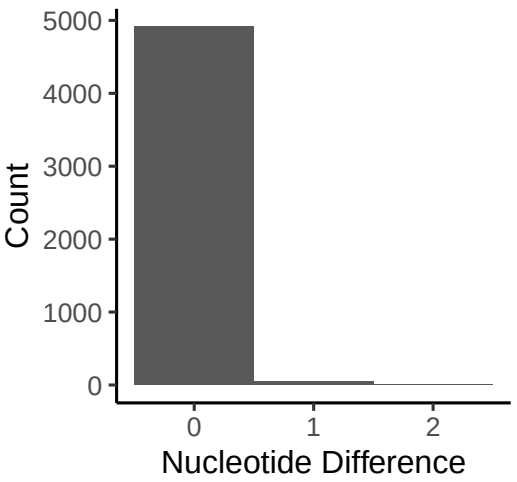
TRBV7−9*ap01

25099 sequences assigned
24908 (99.2%) exact matches, in which:
24591 unique CDR3
13 unique J



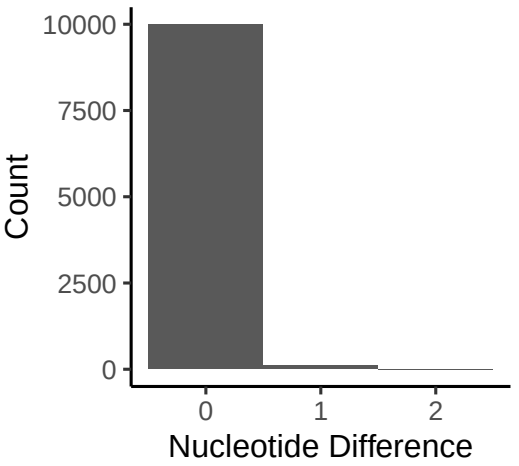
TRBV7−8*ap01

4962 sequences assigned
4913 (99%) exact matches, in which:
4823 unique CDR3
13 unique J



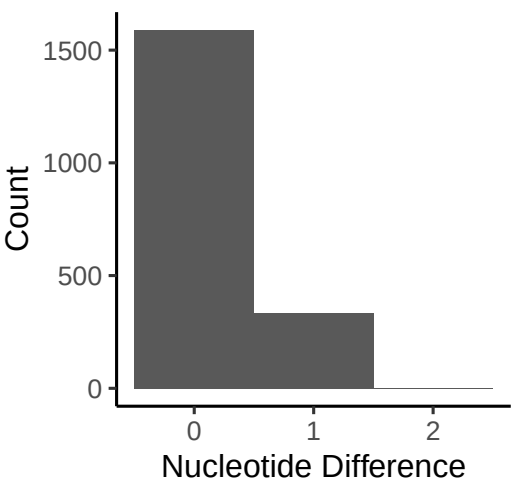
TRBV29−1*ap01

10104 sequences assigned
9994 (98.9%) exact matches, in which:
9745 unique CDR3
13 unique J



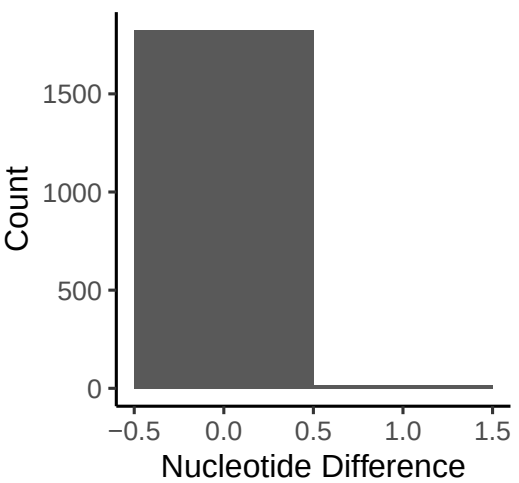
TRBV7−8*ap03

1924 sequences assigned
1589 (82.6%) exact matches, in which:
1557 unique CDR3
13 unique J

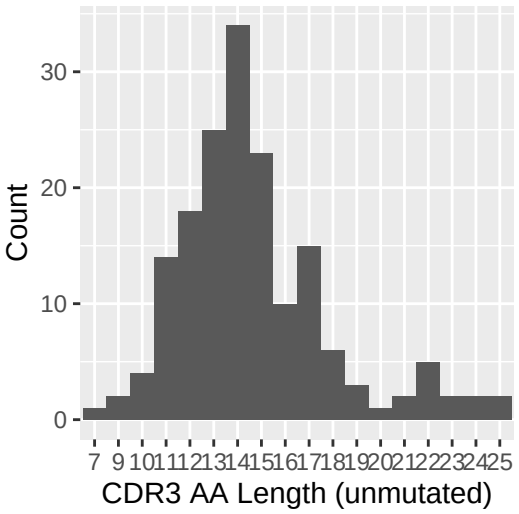


TRBV29−1*ap02

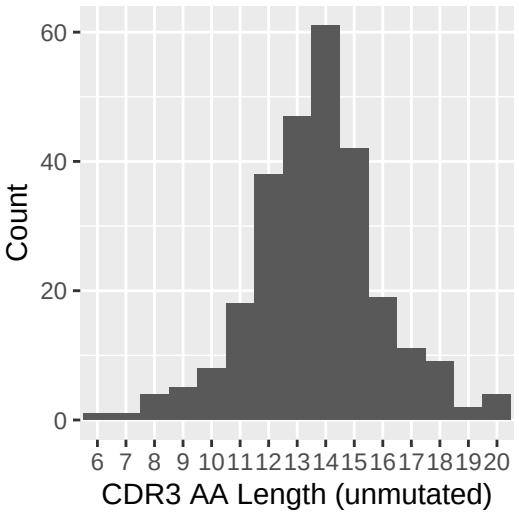
1842 sequences assigned
1825 (99.1%) exact matches, in which:
1787 unique CDR3
13 unique J



TRBV7−1*ap01_G291C_T296C



TRBV7−1*ap01_G291C_T296C_C314T



Allele Usage
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TRBJ1−1
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TRBJ2−7
TRBJ2−2P
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Warning − no inferred sequences found.

Warning − no inferred sequences found.

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