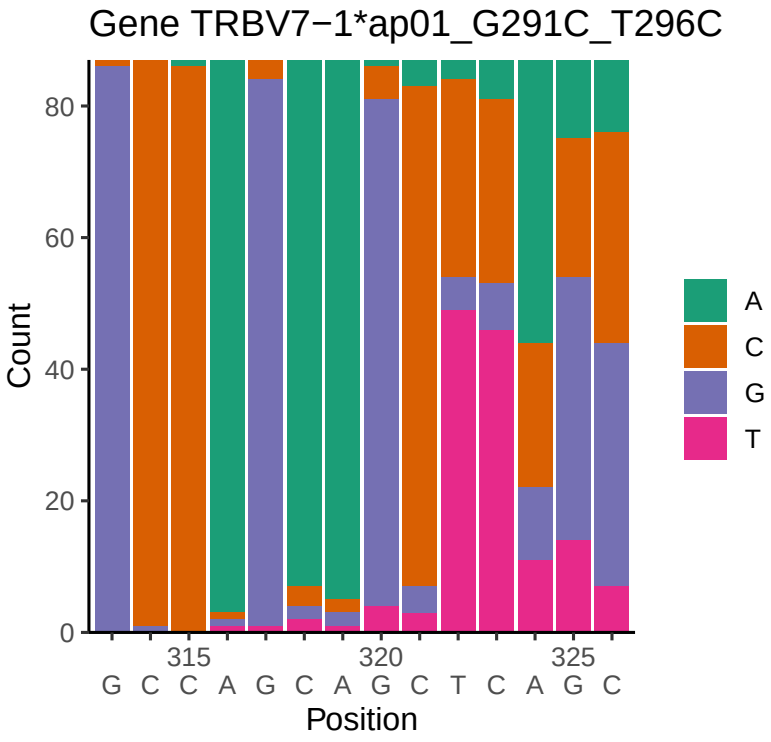
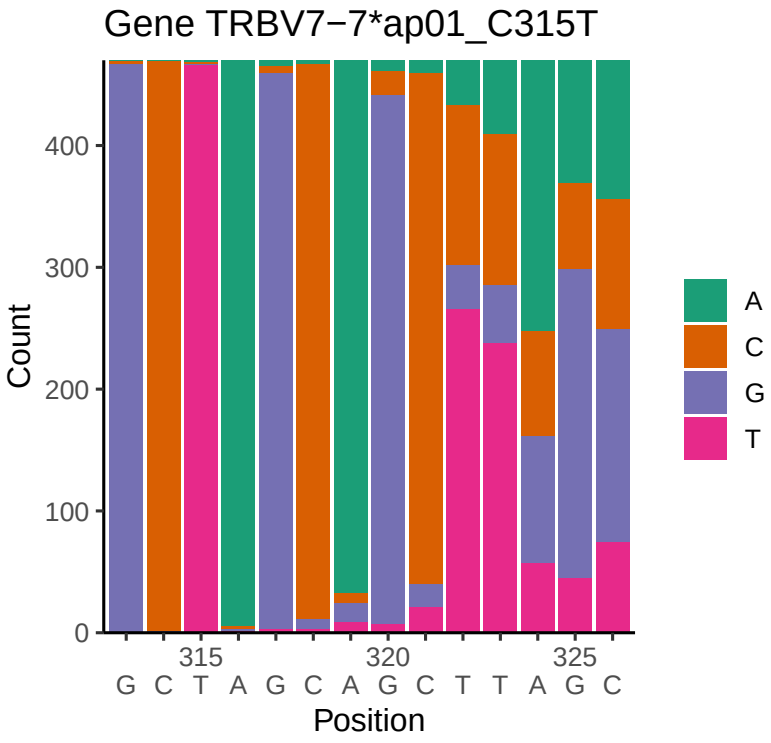
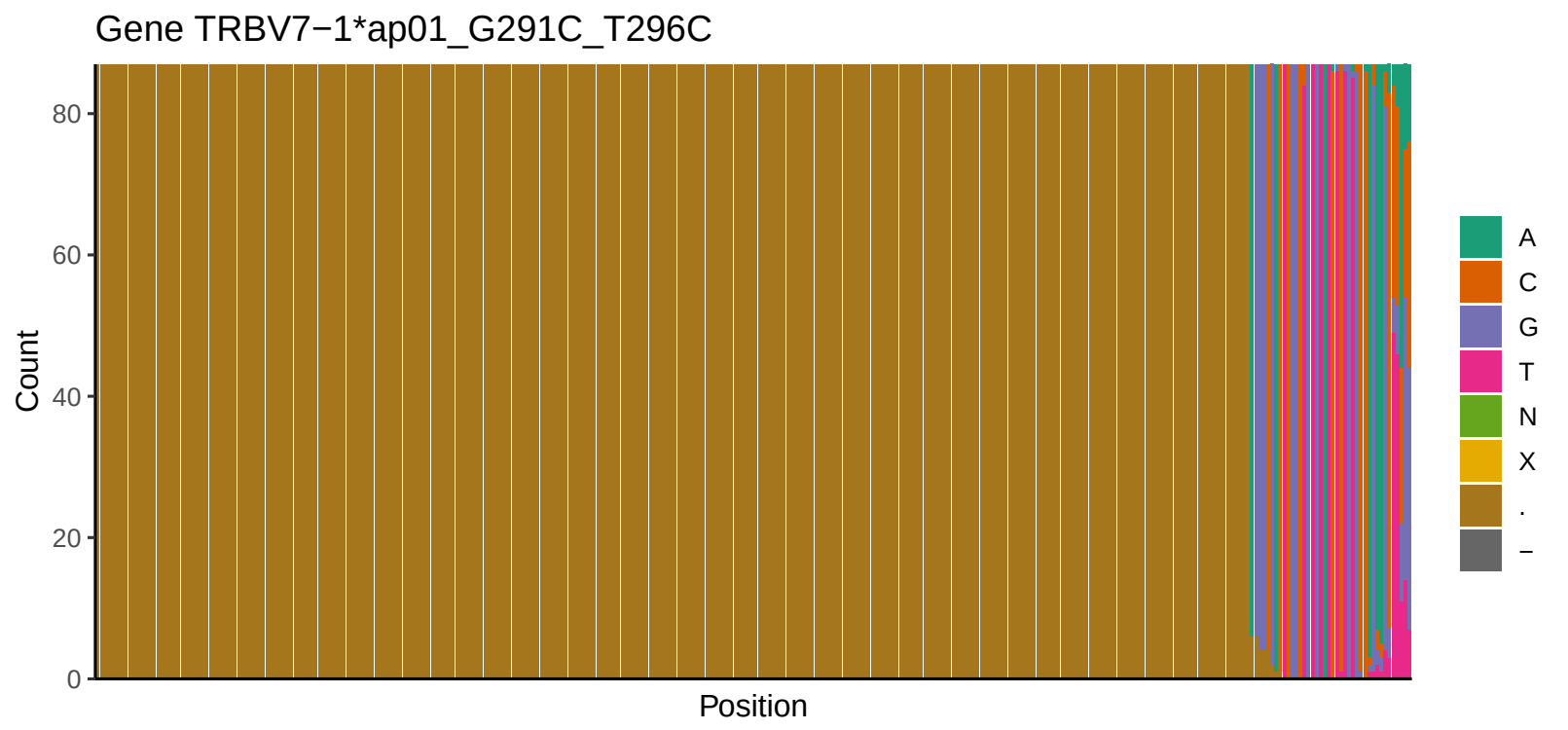
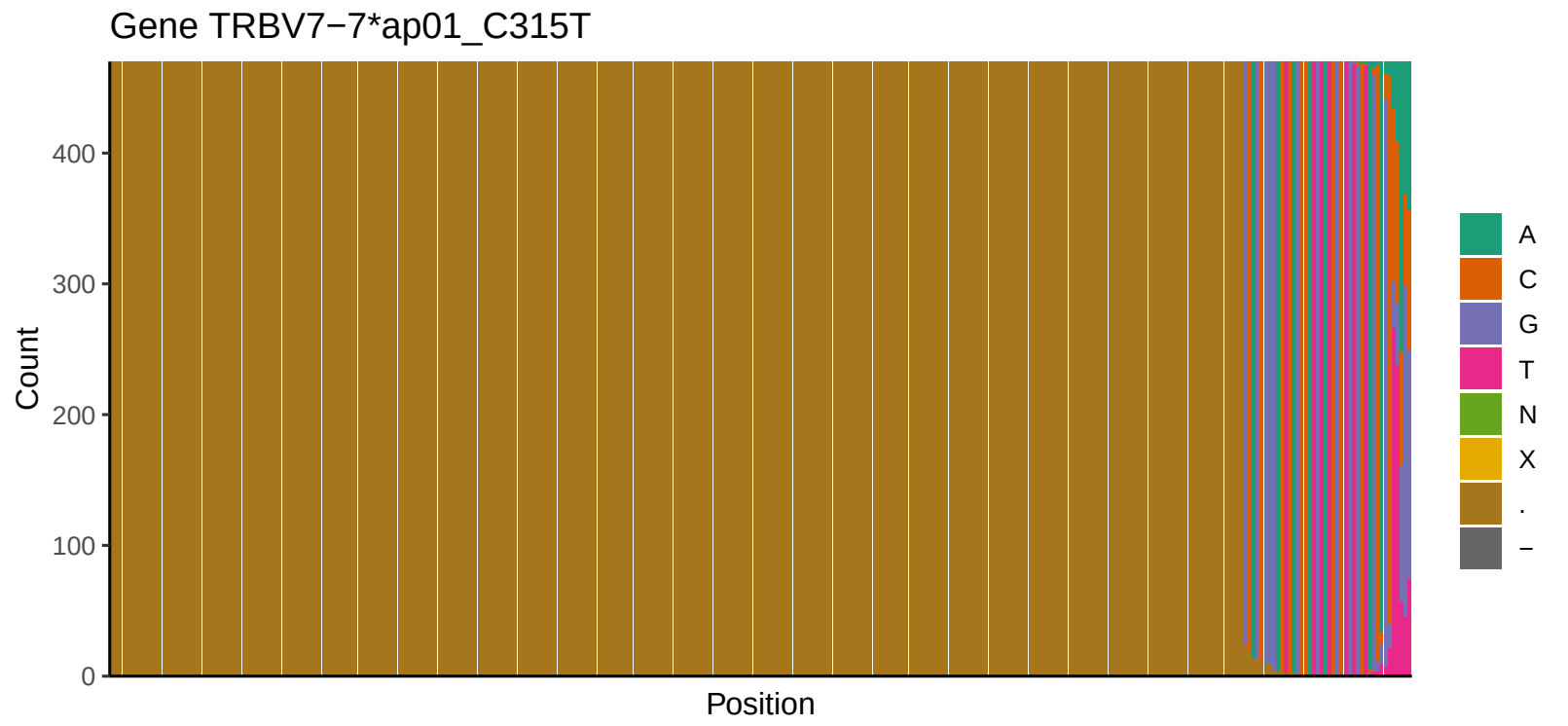
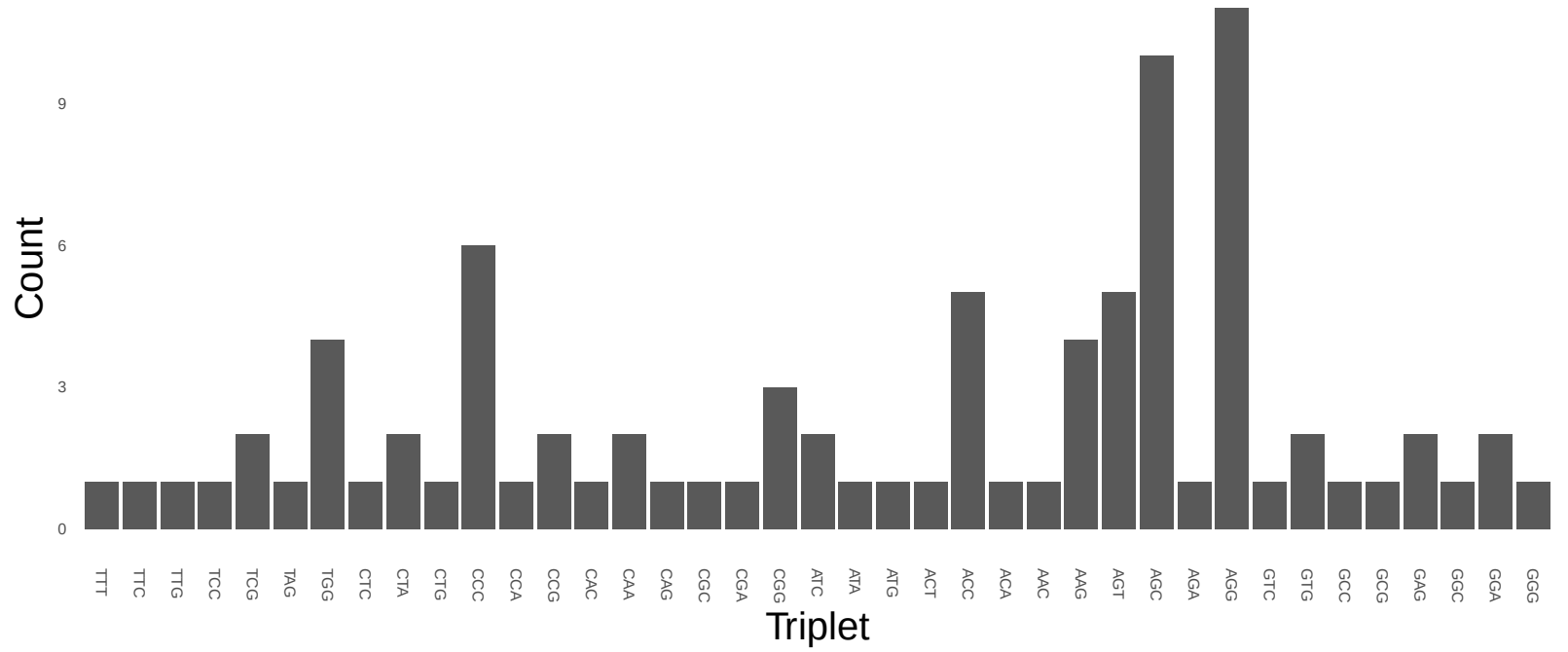

Gene TRBV7−1*ap01_G291C_T296C
Count
0
20
40
60
80
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
Count
0
100
200
300
400
315
320
325
G C T A G C A G C T T A G C
Position
A
C
G
T

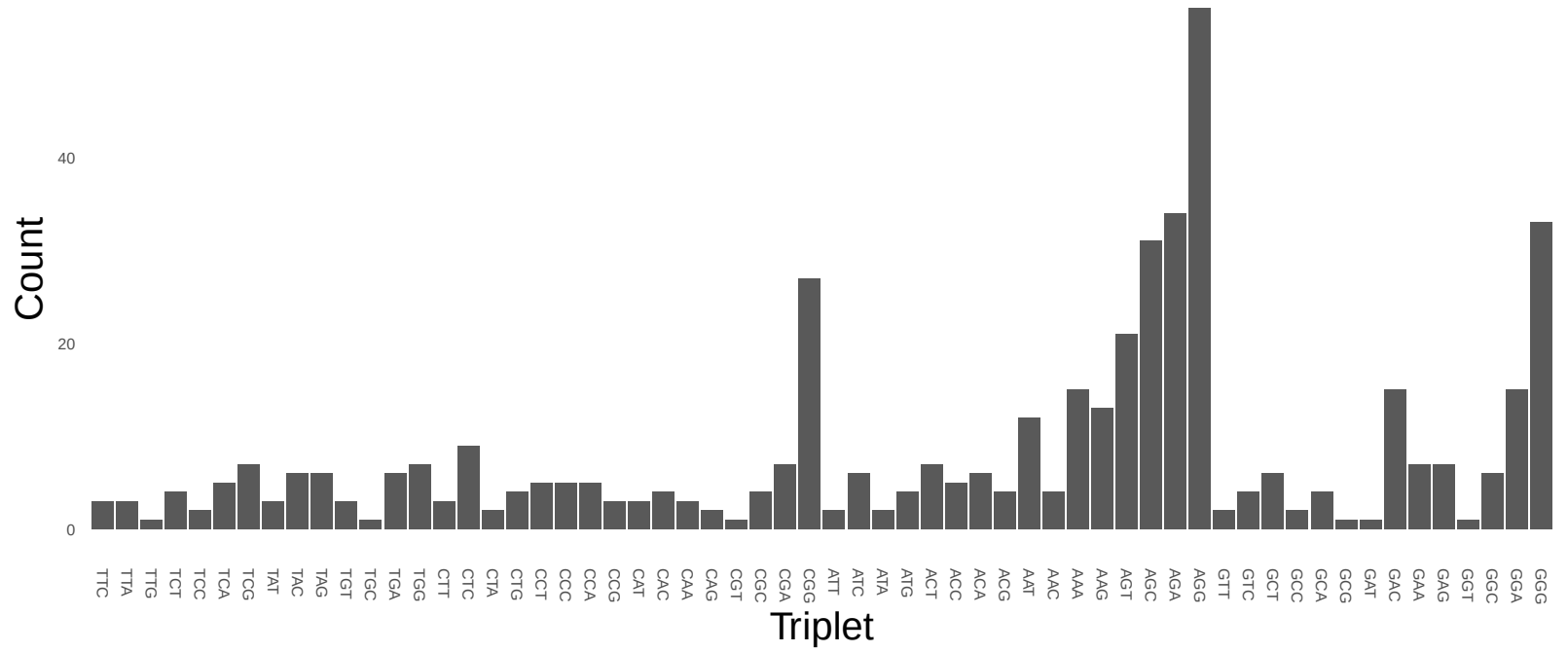

Gene TRBV7−1*ap01_G291C_T296C
Count
0
20
40
60
80
Position
A
C
G
T
N
X
.
–


Gene TRBV7−7*ap01_C315T
Count
0
100
200
300
400
Position
A
C
G
T
N
X
.
–

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

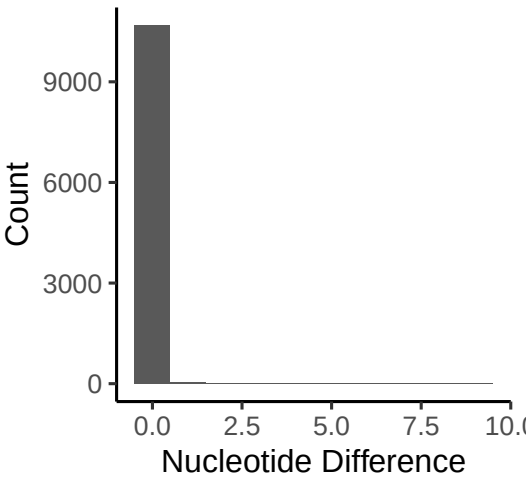


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



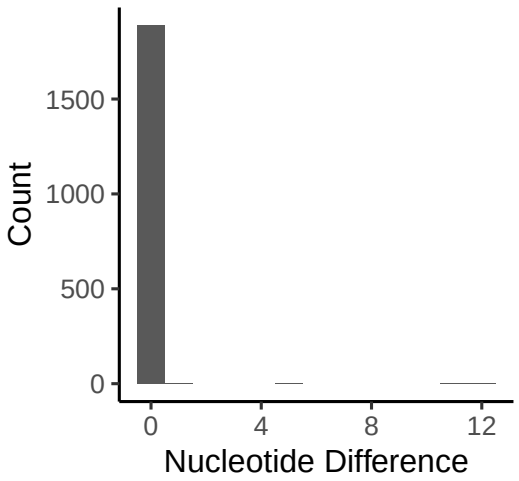
TRBV20−1*ap01

10770 sequences assigned
10682 (99.2%) exact matches, in which:
10660 unique CDR3
13 unique J



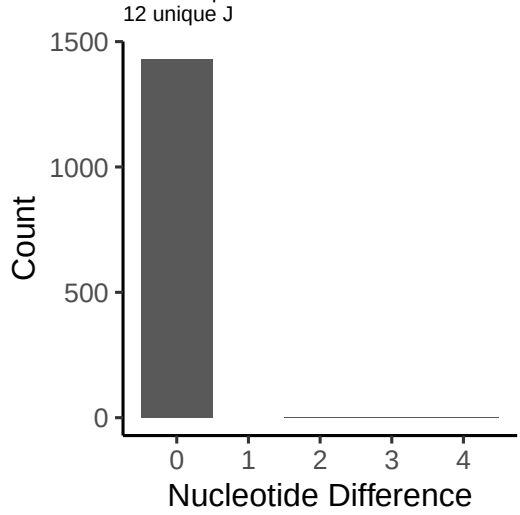
TRBV10−3*ap01

1895 sequences assigned
1888 (99.6%) exact matches, in which:
1881 unique CDR3
12 unique J



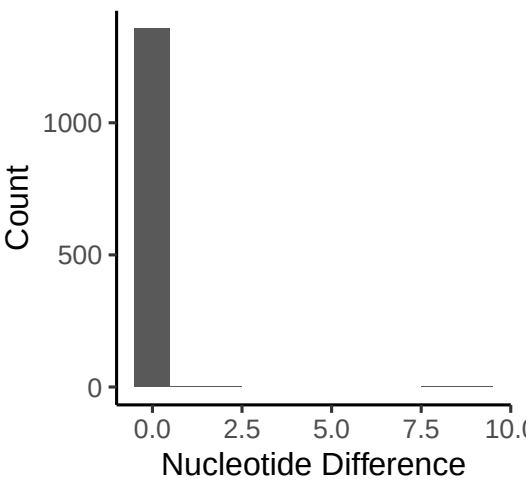
TRBV14*ap01

1432 sequences assigned
1429 (99.8%) exact matches, in which:
1425 unique CDR3
12 unique J



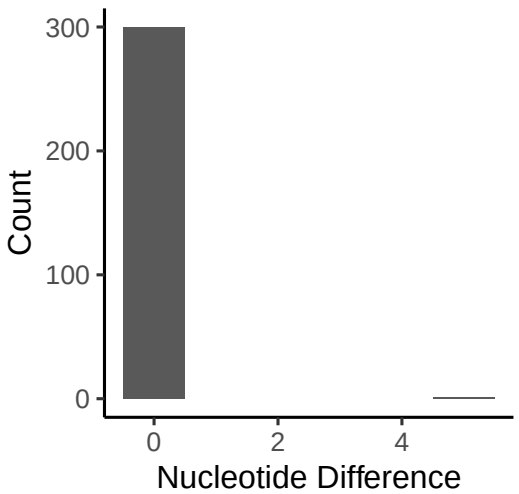
TRBV10−1*ap01

1362 sequences assigned
1356 (99.6%) exact matches, in which:
1356 unique CDR3
12 unique J



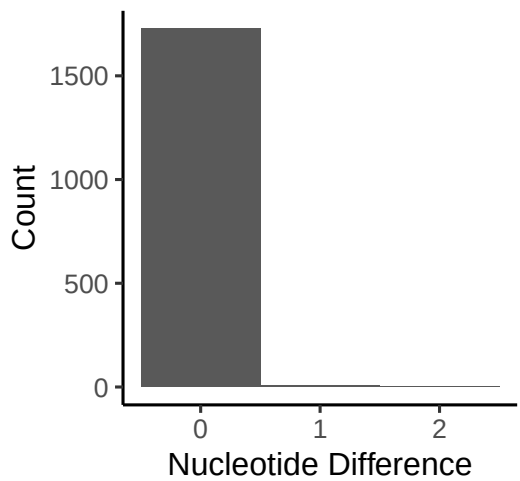
TRBV1*ap01

301 sequences assigned
300 (99.7%) exact matches, in which:
300 unique CDR3
12 unique J



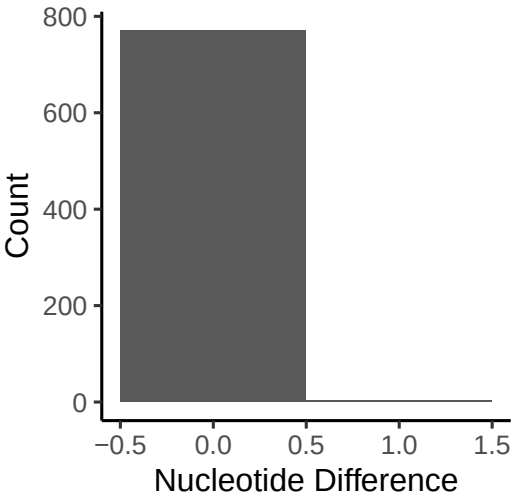
TRBV15*ap02

1737 sequences assigned
1727 (99.4%) exact matches, in which:
1721 unique CDR3
12 unique J



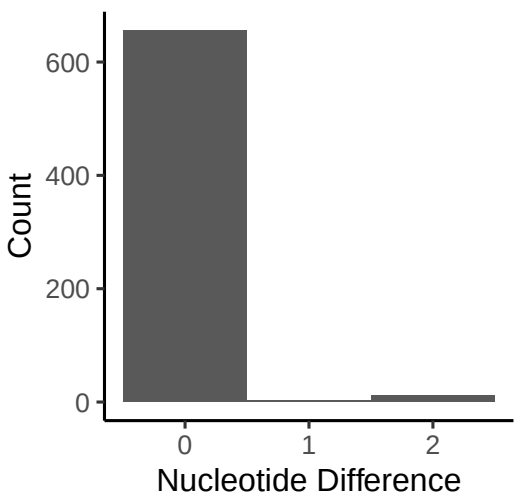
TRBV10−2*ap01

774 sequences assigned
771 (99.6%) exact matches, in which:
768 unique CDR3
12 unique J



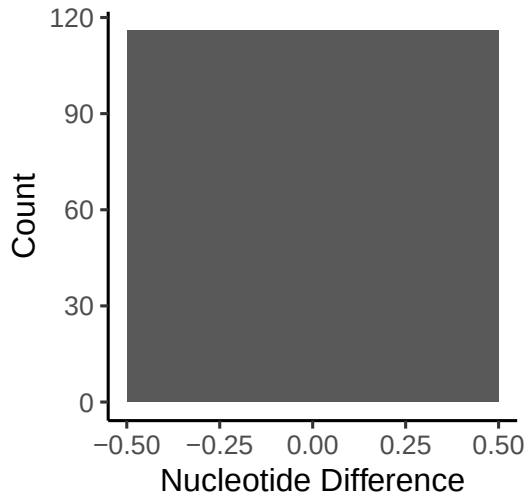
TRBV13*ap01

670 sequences assigned
656 (97.9%) exact matches, in which:
654 unique CDR3
12 unique J



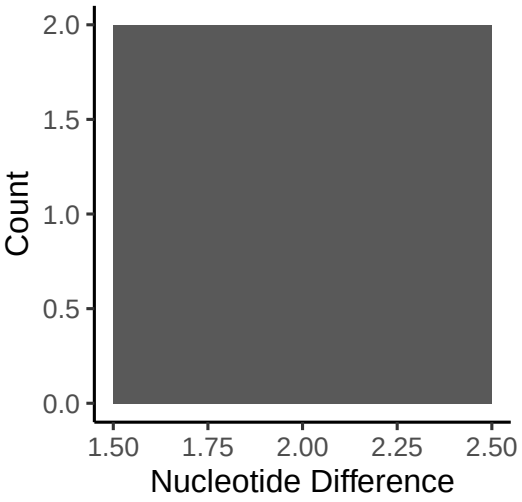
TRBV16*ap01

116 sequences assigned
116 (100%) exact matches, in which:
116 unique CDR3
12 unique J



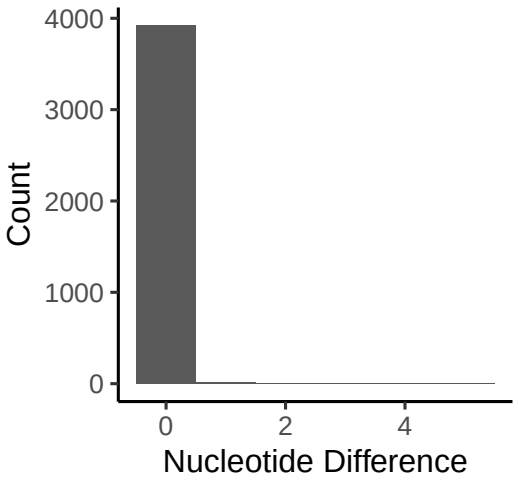
TRBV17*ap01

2 sequences assigned
No exact matches.



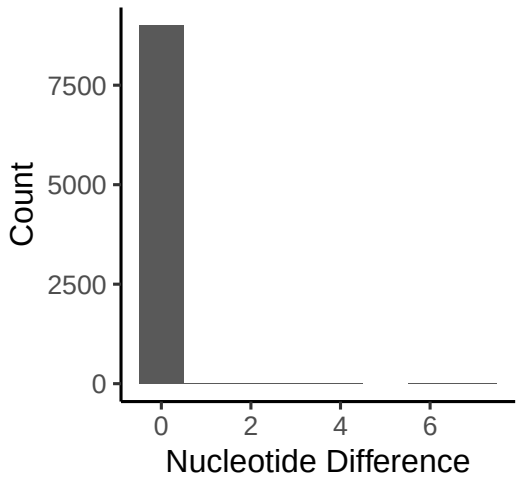
TRBV2*ap01

3942 sequences assigned
3922 (99.5%) exact matches, in which:
3921 unique CDR3
13 unique J



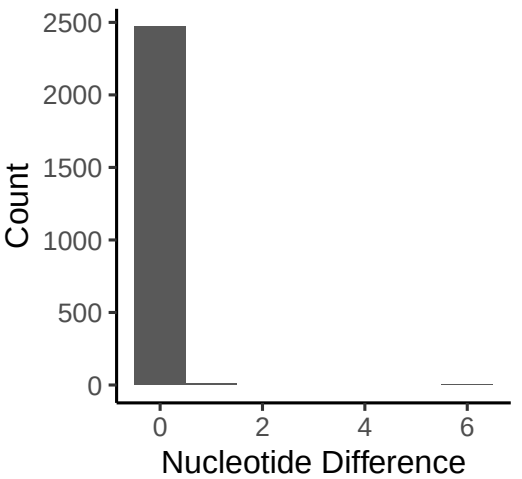
TRBV28*ap01

9030 sequences assigned
9002 (99.7%) exact matches, in which:
8988 unique CDR3
13 unique J



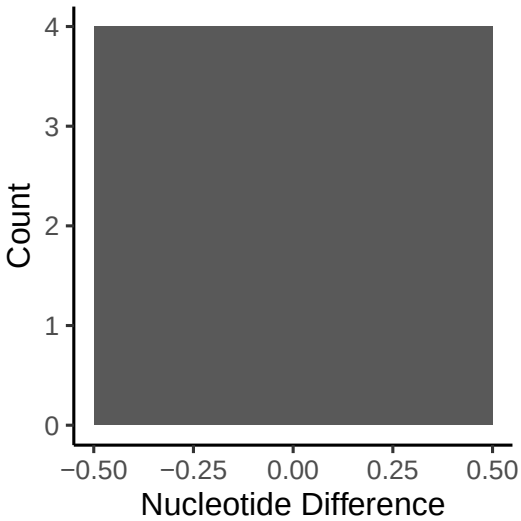
TRBV18*ap01

2478 sequences assigned
2470 (99.7%) exact matches, in which:
2469 unique CDR3
13 unique J



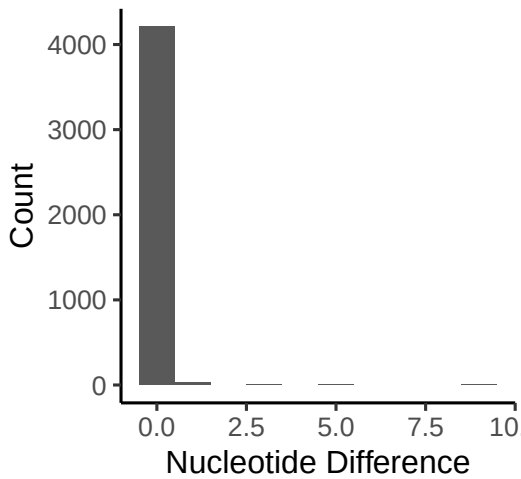
TRBV26*ap01

4 sequences assigned
4 (100%) exact matches, in which:
4 unique CDR3
2 unique J



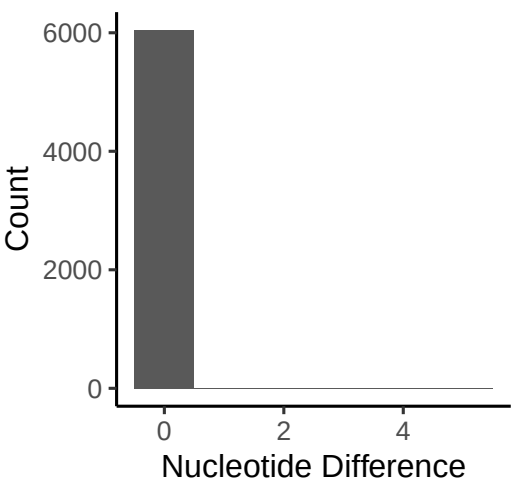
TRBV30*ap01

4239 sequences assigned
4209 (99.3%) exact matches, in which:
4205 unique CDR3
12 unique J



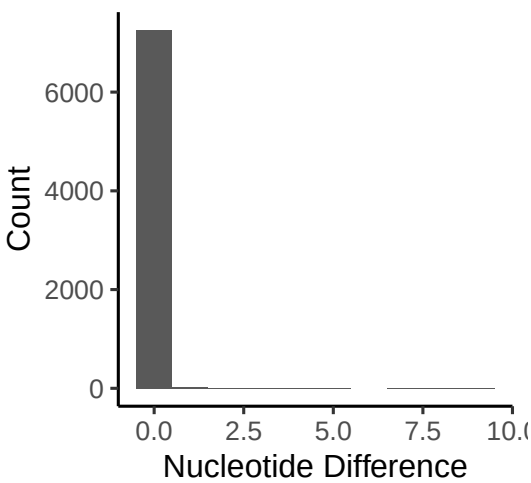
TRBV19*ap01

6058 sequences assigned
6046 (99.8%) exact matches, in which:
6044 unique CDR3
13 unique J



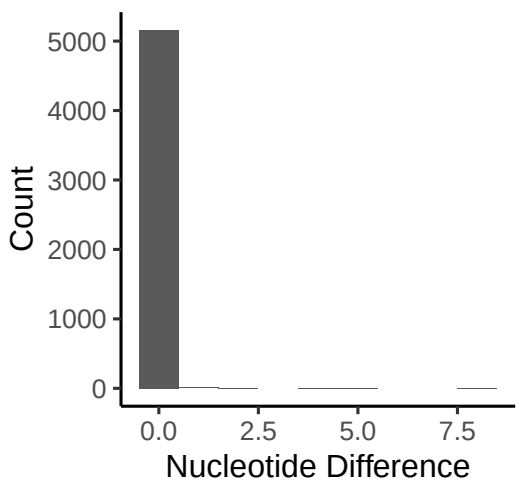
TRBV27*ap01

7292 sequences assigned
7257 (99.5%) exact matches, in which:
7246 unique CDR3
12 unique J



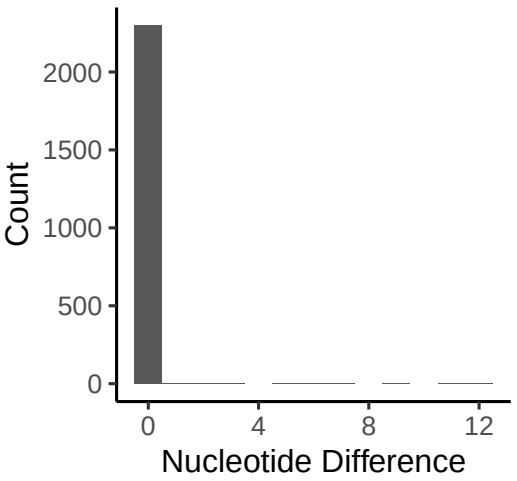
TRBV9*ap01

5176 sequences assigned
5159 (99.7%) exact matches, in which:
5153 unique CDR3
13 unique J



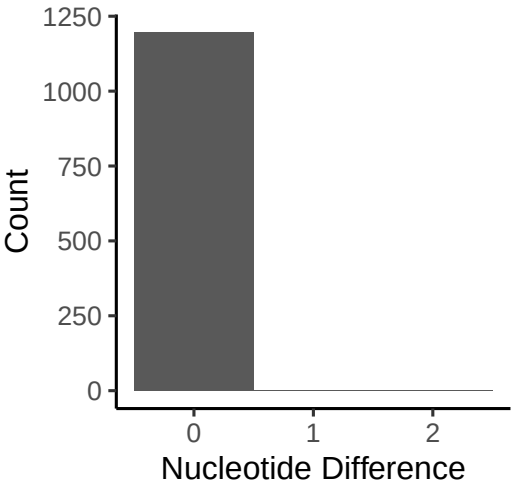
TRBV21−1*ap01

2319 sequences assigned
2299 (99.1%) exact matches, in which:
2299 unique CDR3
12 unique J



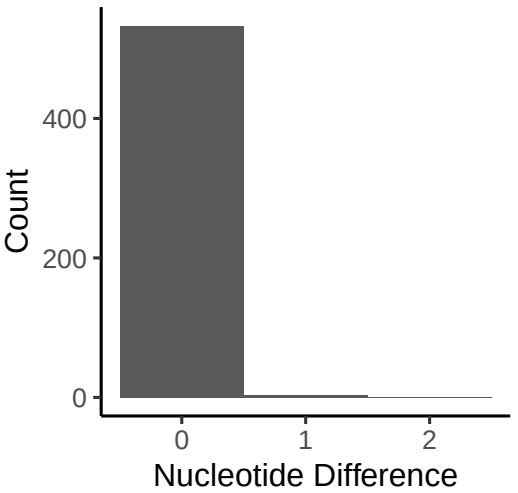
TRBV11−3*ap01

1200 sequences assigned
1196 (99.7%) exact matches, in which:
1196 unique CDR3
12 unique J



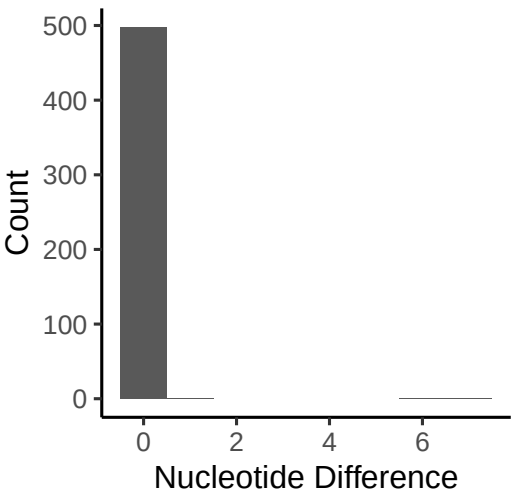
TRBV12−5*ap01

538 sequences assigned
533 (99.1%) exact matches, in which:
532 unique CDR3
12 unique J



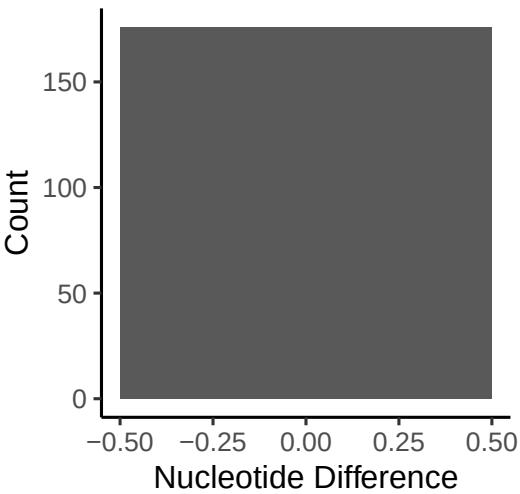
TRBV11−1*ap01

501 sequences assigned
498 (99.4%) exact matches, in which:
498 unique CDR3
12 unique J



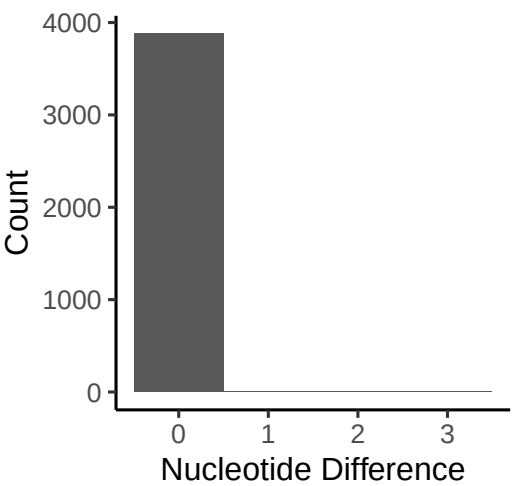
TRBV12−1*ap01

176 sequences assigned
176 (100%) exact matches, in which:
174 unique CDR3
12 unique J



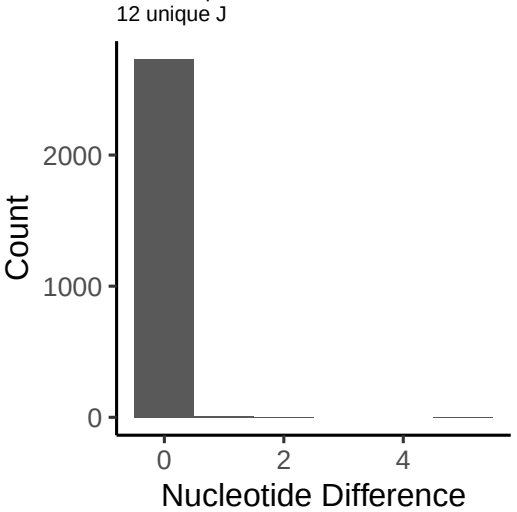
TRBV12−34*ap01

3889 sequences assigned
3879 (99.7%) exact matches, in which:
3872 unique CDR3
13 unique J



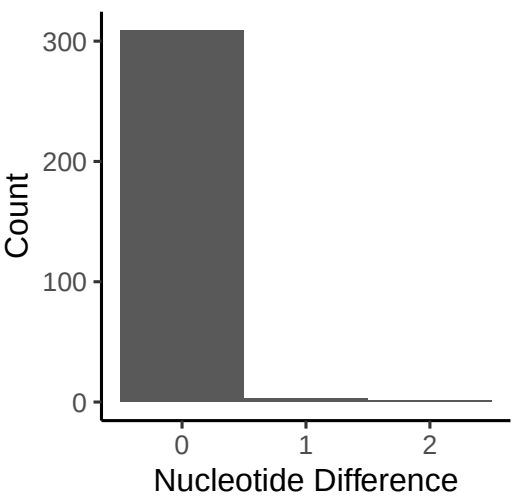
TRBV11−2*ap01

2745 sequences assigned
2732 (99.5%) exact matches, in which:
2730 unique CDR3
12 unique J



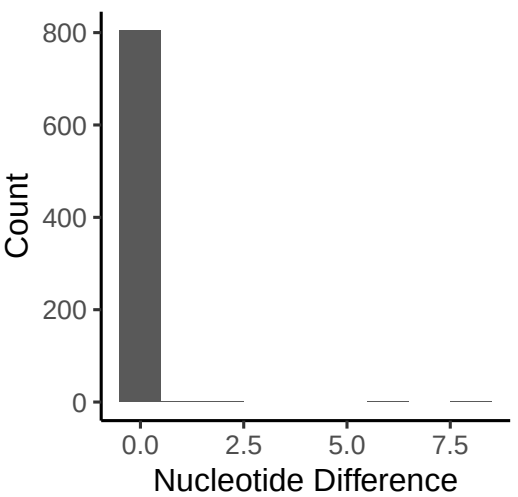
TRBV12−2*ap01

313 sequences assigned
309 (98.7%) exact matches, in which:
309 unique CDR3
12 unique J



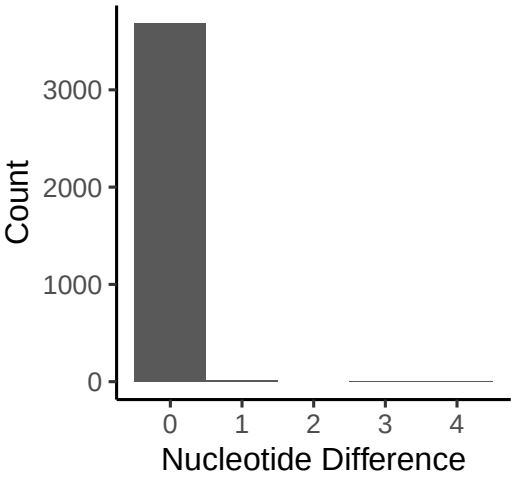
TRBV23−1*ap01

810 sequences assigned
805 (99.4%) exact matches, in which:
804 unique CDR3
12 unique J



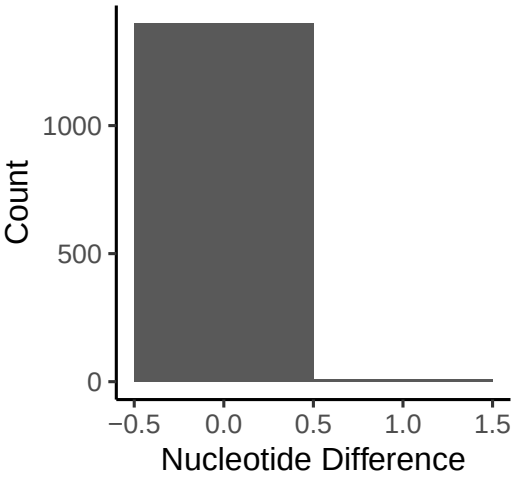
TRBV3−12*ap01

3699 sequences assigned
3683 (99.6%) exact matches, in which:
3675 unique CDR3
13 unique J



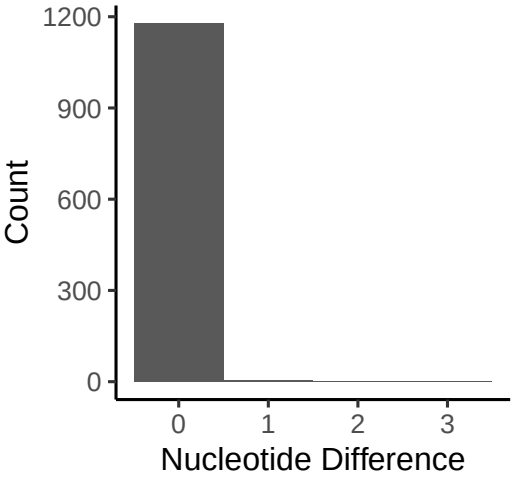
TRBV4−2*ap01

1409 sequences assigned
1399 (99.3%) exact matches, in which:
1396 unique CDR3
12 unique J



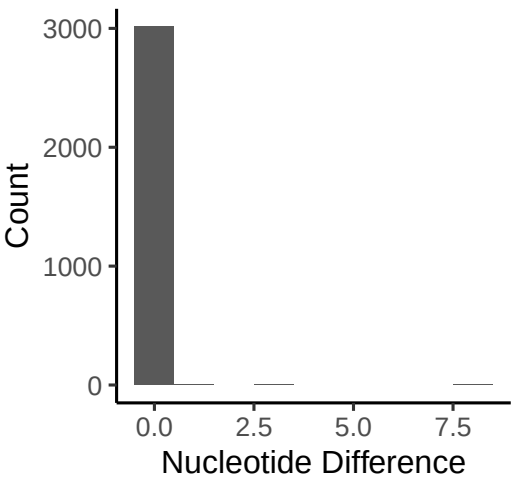
TRBV25−1*ap01

1184 sequences assigned
1178 (99.5%) exact matches, in which:
1176 unique CDR3
12 unique J



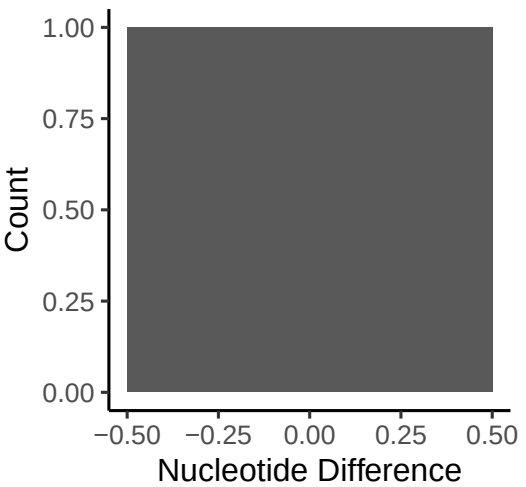
TRBV4−1*ap01

3021 sequences assigned
3014 (99.8%) exact matches, in which:
3007 unique CDR3
12 unique J



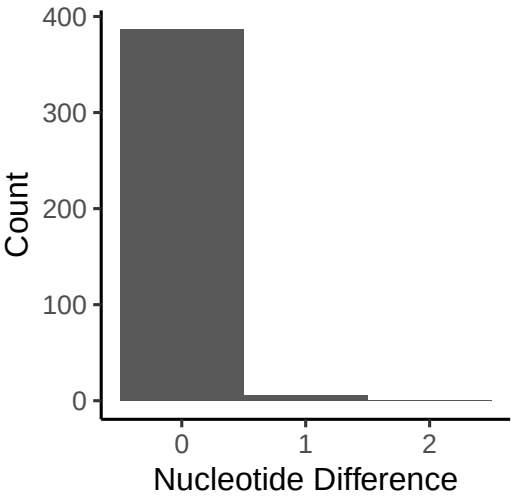
TRBV4−3*ap01

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



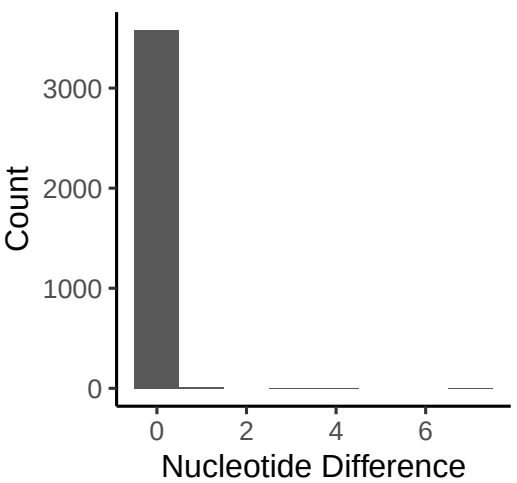
TRBV5−3*ap01

394 sequences assigned
387 (98.2%) exact matches, in which:
386 unique CDR3
12 unique J



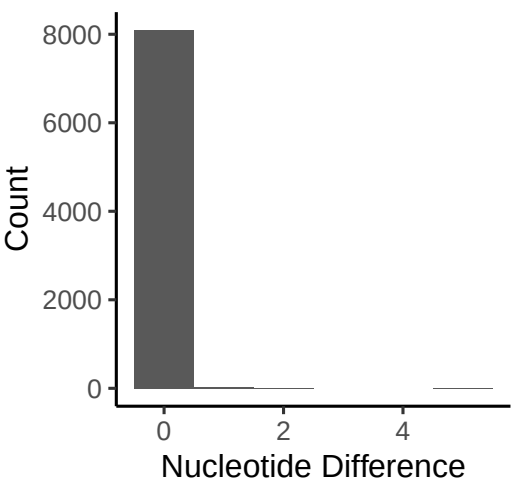
TRBV24−1*ap01

3601 sequences assigned
3580 (99.4%) exact matches, in which:
3576 unique CDR3
12 unique J



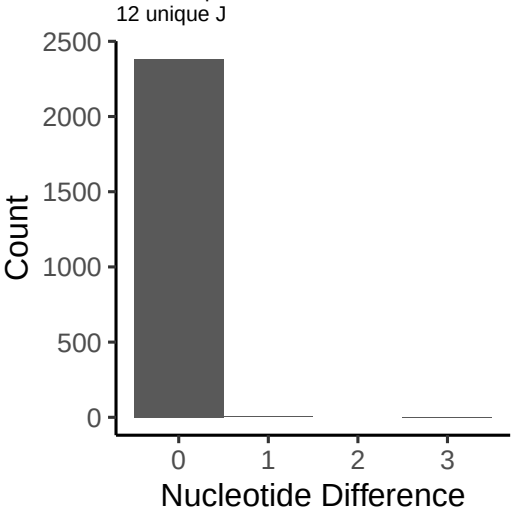
TRBV5−1*ap01

8125 sequences assigned
8095 (99.6%) exact matches, in which:
8059 unique CDR3
13 unique J



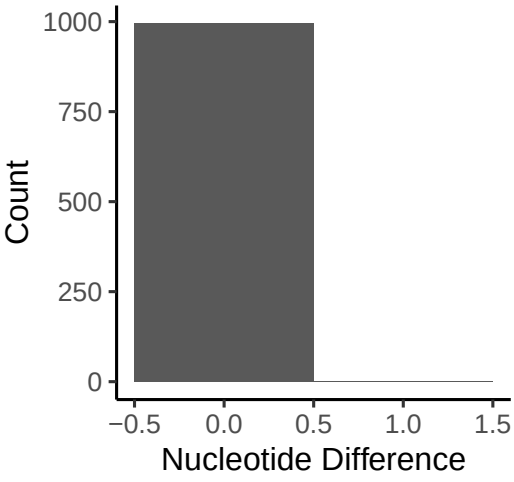
TRBV5−4*ap01

2388 sequences assigned
2382 (99.7%) exact matches, in which:
2378 unique CDR3
12 unique J



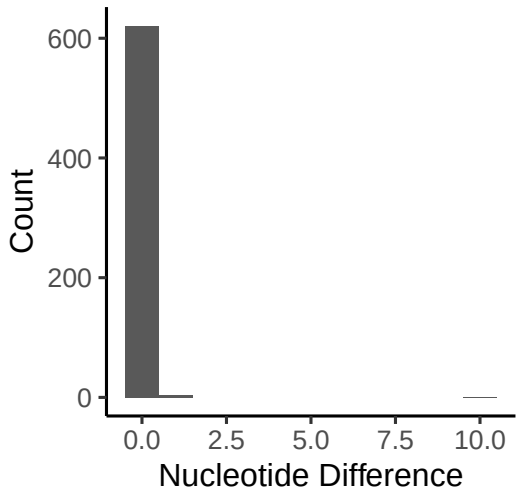
TRBV5−5*ap01

996 sequences assigned
995 (99.9%) exact matches, in which:
995 unique CDR3
12 unique J



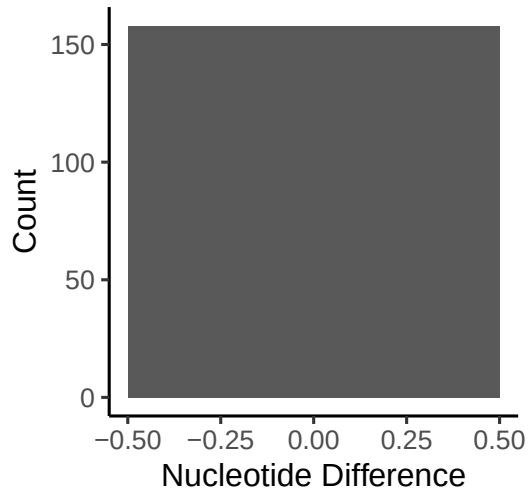
TRBV5−8*ap01

626 sequences assigned
621 (99.2%) exact matches, in which:
621 unique CDR3
12 unique J



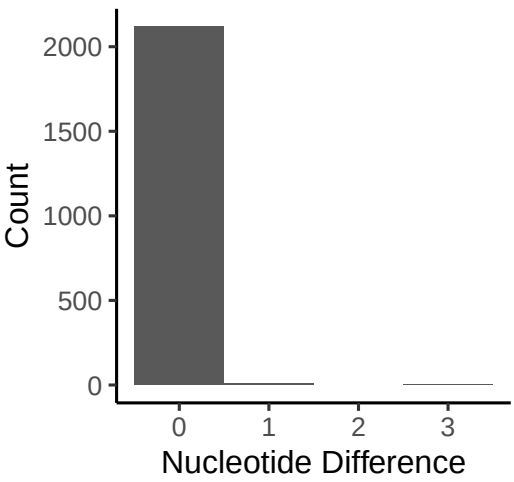
TRBV6−7*ap01

158 sequences assigned
158 (100%) exact matches, in which:
157 unique CDR3
12 unique J



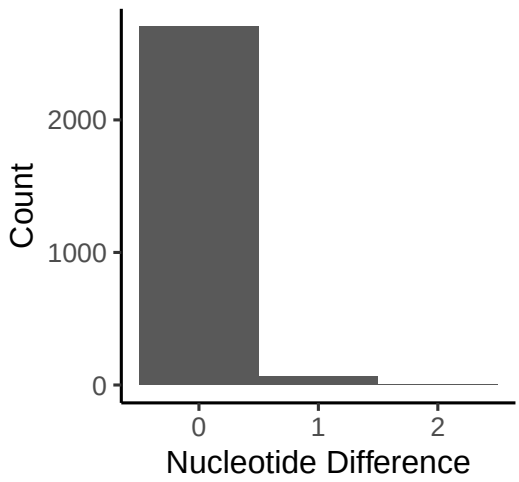
TRBV5−6*ap01

2130 sequences assigned
2118 (99.4%) exact matches, in which:
2113 unique CDR3
12 unique J



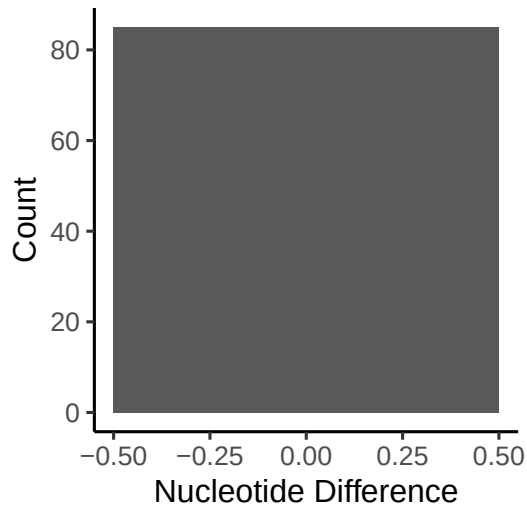
TRBV6−1*ap01

2767 sequences assigned
2703 (97.7%) exact matches, in which:
2694 unique CDR3
13 unique J



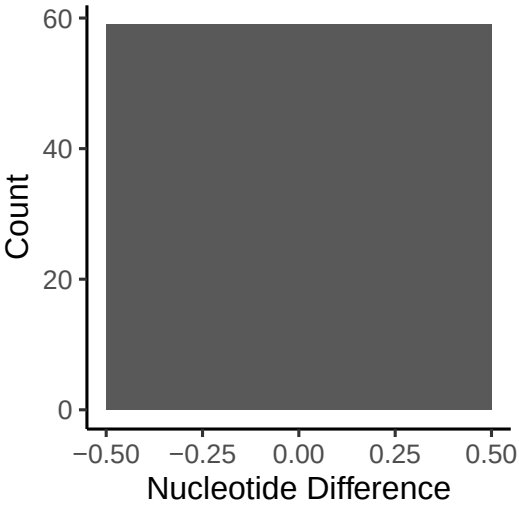
TRBV6−8*ap01

85 sequences assigned
85 (100%) exact matches, in which:
85 unique CDR3
12 unique J



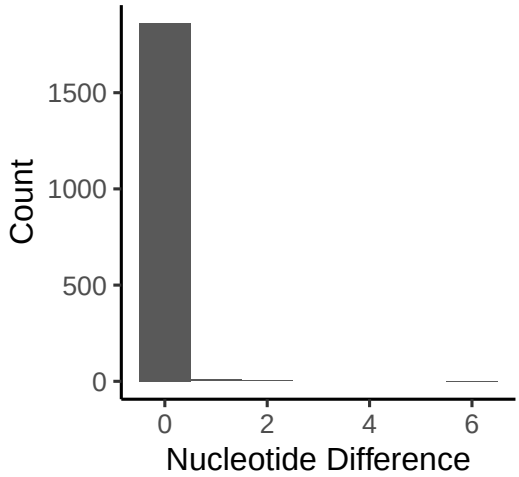
TRBV5−7*ap01

59 sequences assigned
59 (100%) exact matches, in which:
59 unique CDR3
12 unique J



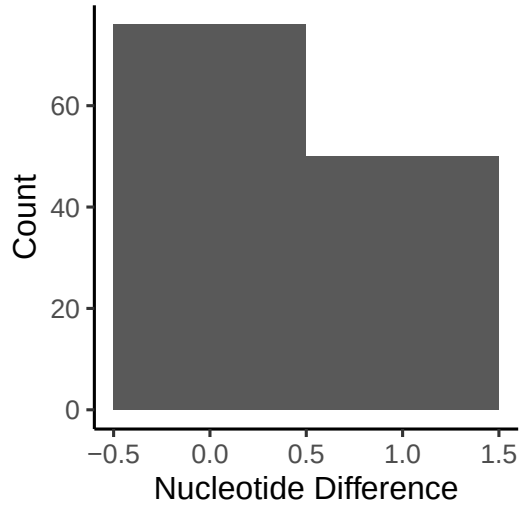
TRBV6−4*ap01

1877 sequences assigned
1862 (99.2%) exact matches, in which:
1860 unique CDR3
12 unique J



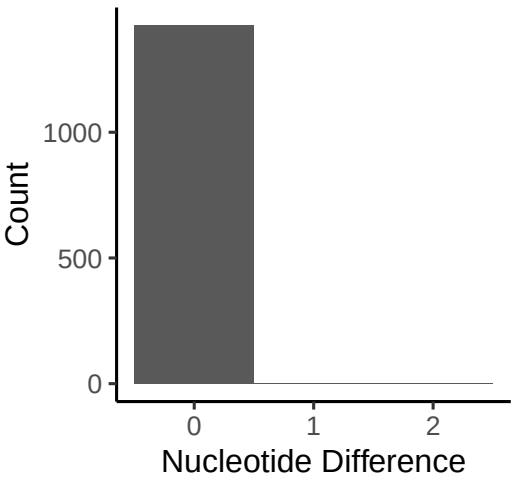
TRBV6−9*ap01

126 sequences assigned
76 (60.3%) exact matches, in which:
76 unique CDR3
12 unique J



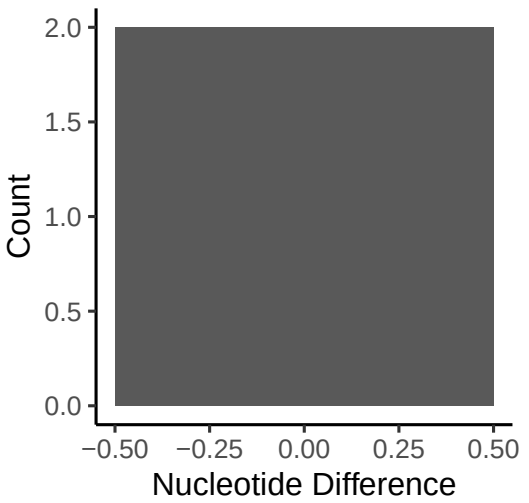
TRBV6−23*ap01

1427 sequences assigned
1425 (99.9%) exact matches, in which:
1417 unique CDR3
12 unique J



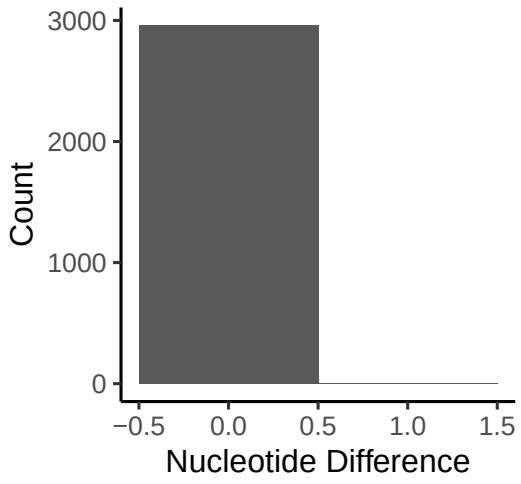
TRBV7−1*ap01

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
2 unique J



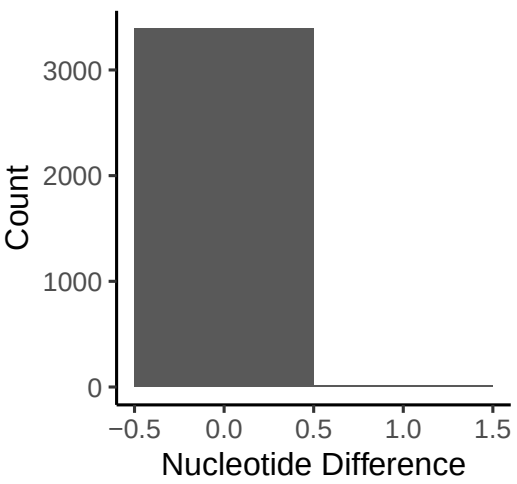
TRBV7−3*ap01

2967 sequences assigned
2959 (99.7%) exact matches, in which:
2950 unique CDR3
12 unique J



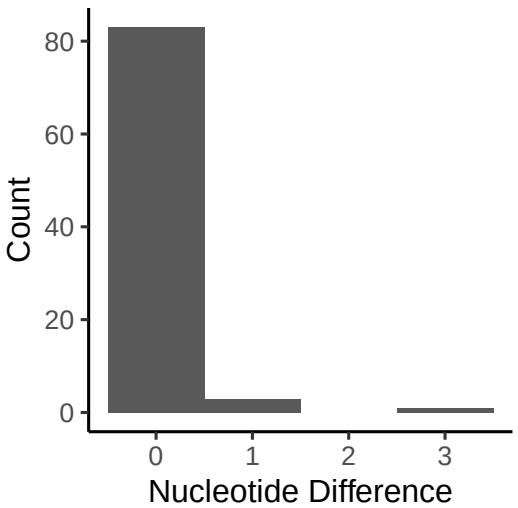
TRBV6−56*ap01

3407 sequences assigned
3390 (99.5%) exact matches, in which:
3382 unique CDR3
12 unique J



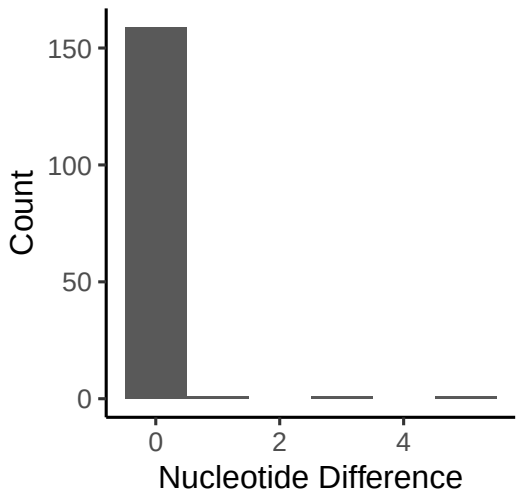
TRBV7−1*ap01_G291C_T

87 sequences assigned
83 (95.4%) exact matches, in which:
83 unique CDR3
12 unique J



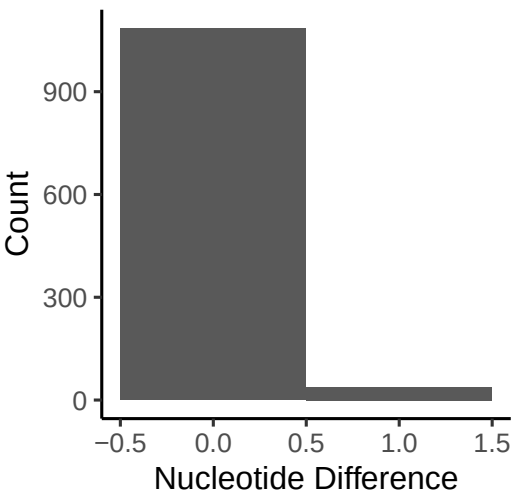
TRBV7−4*ap01

162 sequences assigned
159 (98.1%) exact matches, in which:
159 unique CDR3
12 unique J



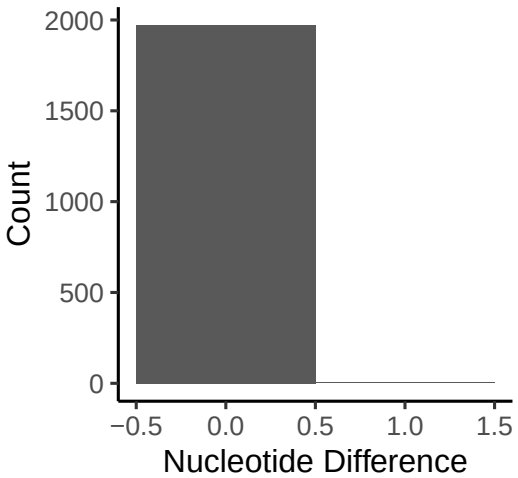
TRBV6−56*ap02

1123 sequences assigned
1085 (96.6%) exact matches, in which:
1082 unique CDR3
12 unique J



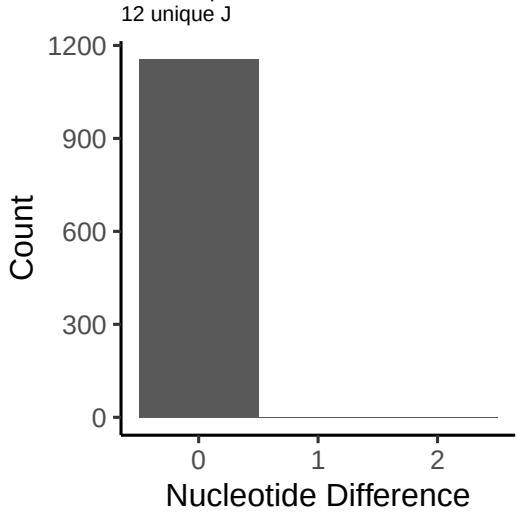
TRBV7−2*ap01

1976 sequences assigned
1972 (99.8%) exact matches, in which:
1970 unique CDR3
12 unique J



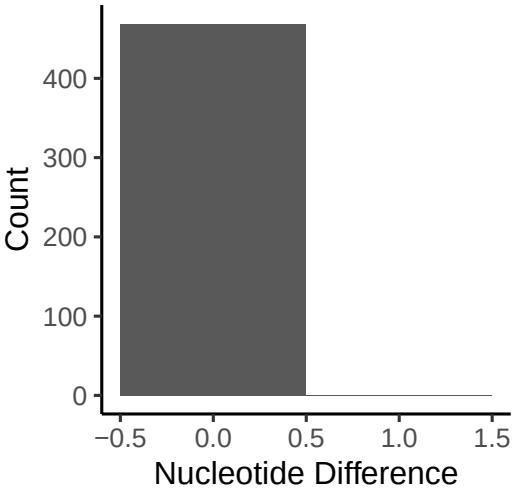
TRBV7−6*ap01

1160 sequences assigned
1156 (99.7%) exact matches, in which:
1155 unique CDR3
12 unique J



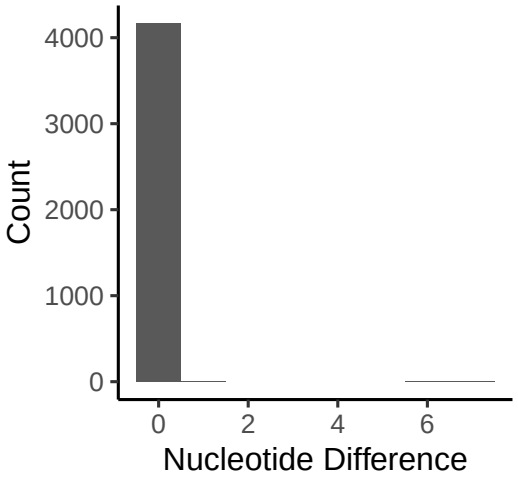
TRBV7−7*ap01_C315T

470 sequences assigned
469 (99.8%) exact matches, in which:
468 unique CDR3
12 unique J



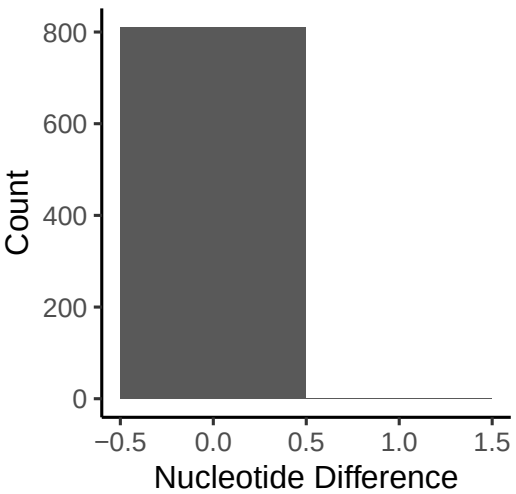
TRBV7−9*ap01

4176 sequences assigned
4166 (99.8%) exact matches, in which:
4164 unique CDR3
13 unique J



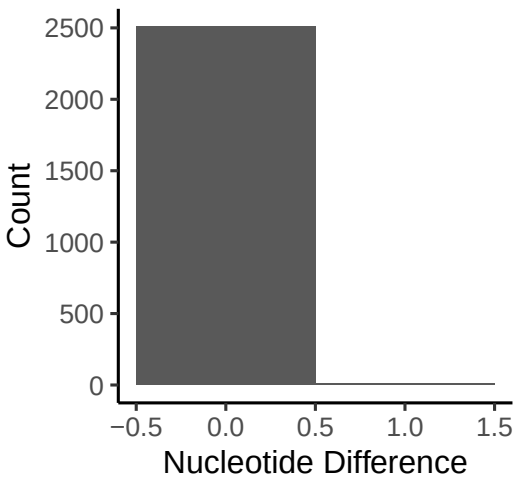
TRBV7−8*ap01

813 sequences assigned
811 (99.8%) exact matches, in which:
810 unique CDR3
12 unique J



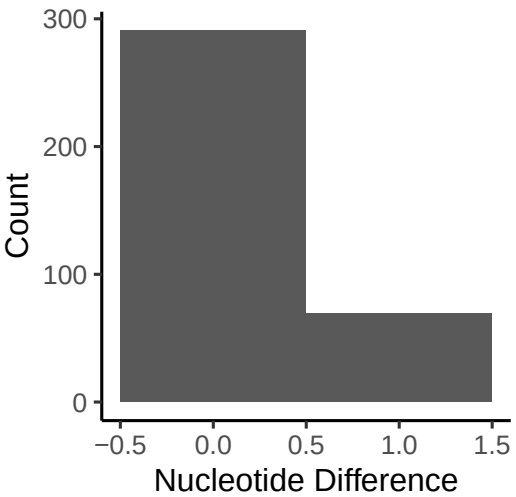
TRBV29−1*ap01

2521 sequences assigned
2508 (99.5%) exact matches, in which:
2505 unique CDR3
12 unique J



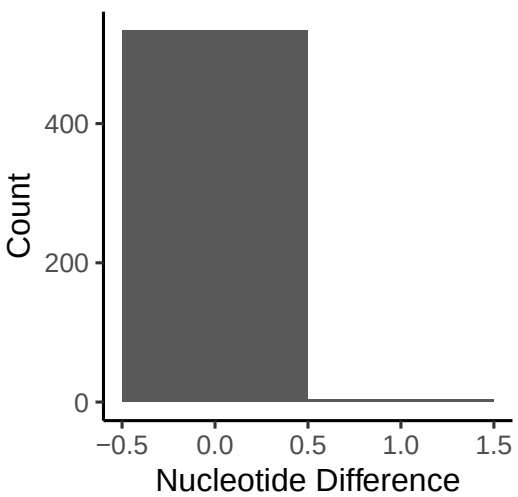
TRBV7−8*ap03

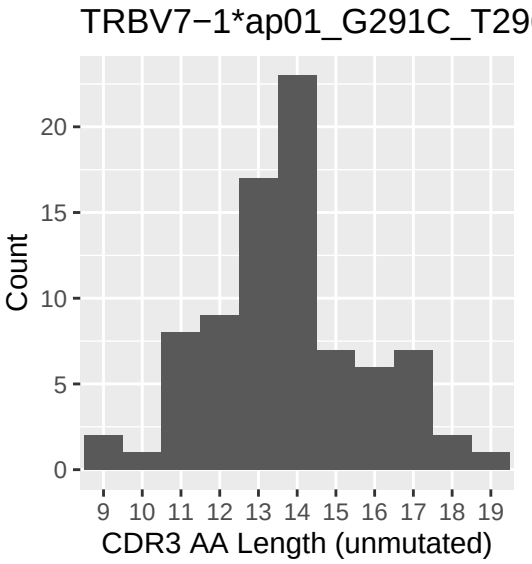
360 sequences assigned
291 (80.8%) exact matches, in which:
291 unique CDR3
12 unique J

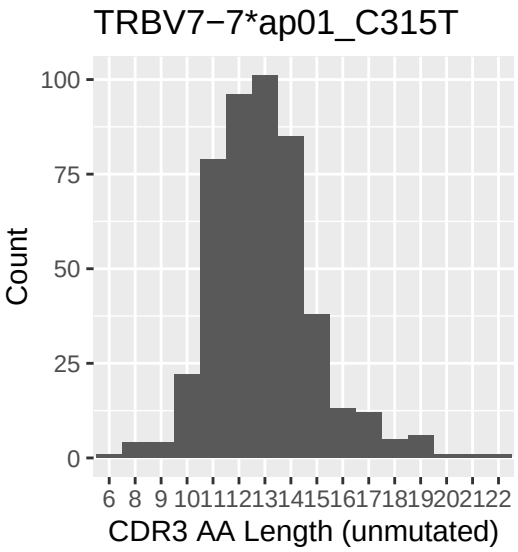


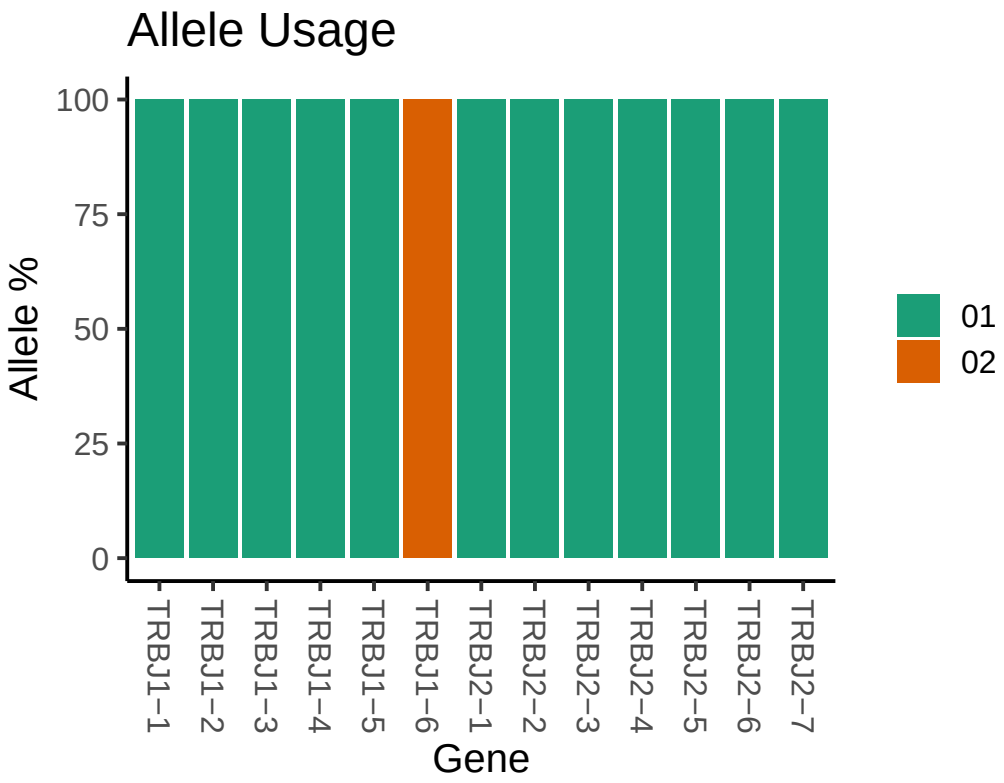
TRBV29−1*ap02

538 sequences assigned
534 (99.3%) exact matches, in which:
534 unique CDR3
12 unique J




TRBV7−1*ap01_G291C_T296C
Count
0
5
10
15
20
9 10 11 12 13 14 15 16 17 18 19
CDR3 AA Length (unmutated)


TRBV7−7*ap01_C315T
Count
0
25
50
75
100
6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
CDR3 AA Length (unmutated)


Allele Usage
Allele %
100
75
50
25
0
TRBJ1−1
TRBJ1−2
TRBJ1−3
TRBJ1−4
TRBJ1−5
TRBJ1−6
TRBJ2−1
TRBJ2−2
TRBJ2−3
TRBJ2−4
TRBJ2−5
TRBJ2−6
TRBJ2−7
Gene
01
02

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.