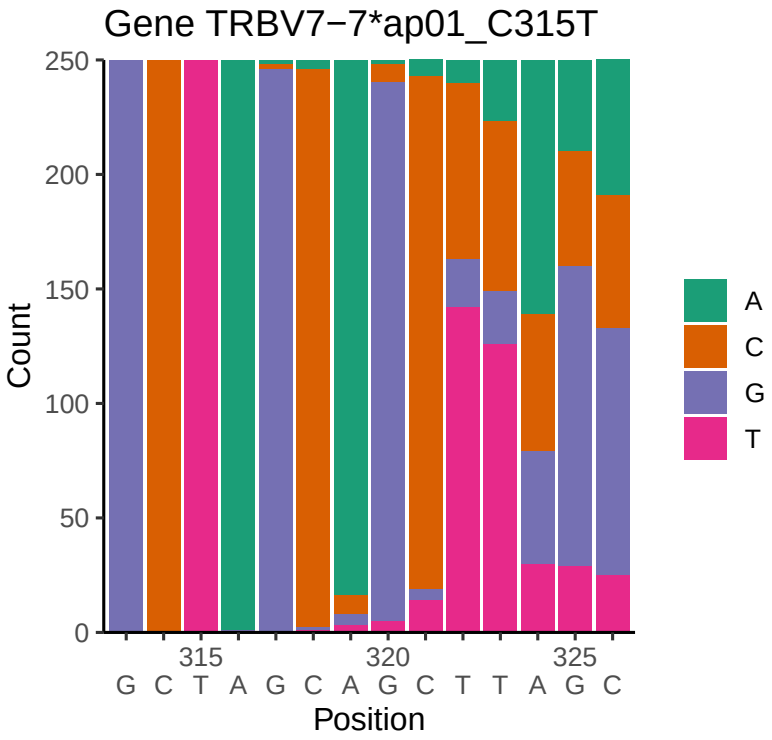
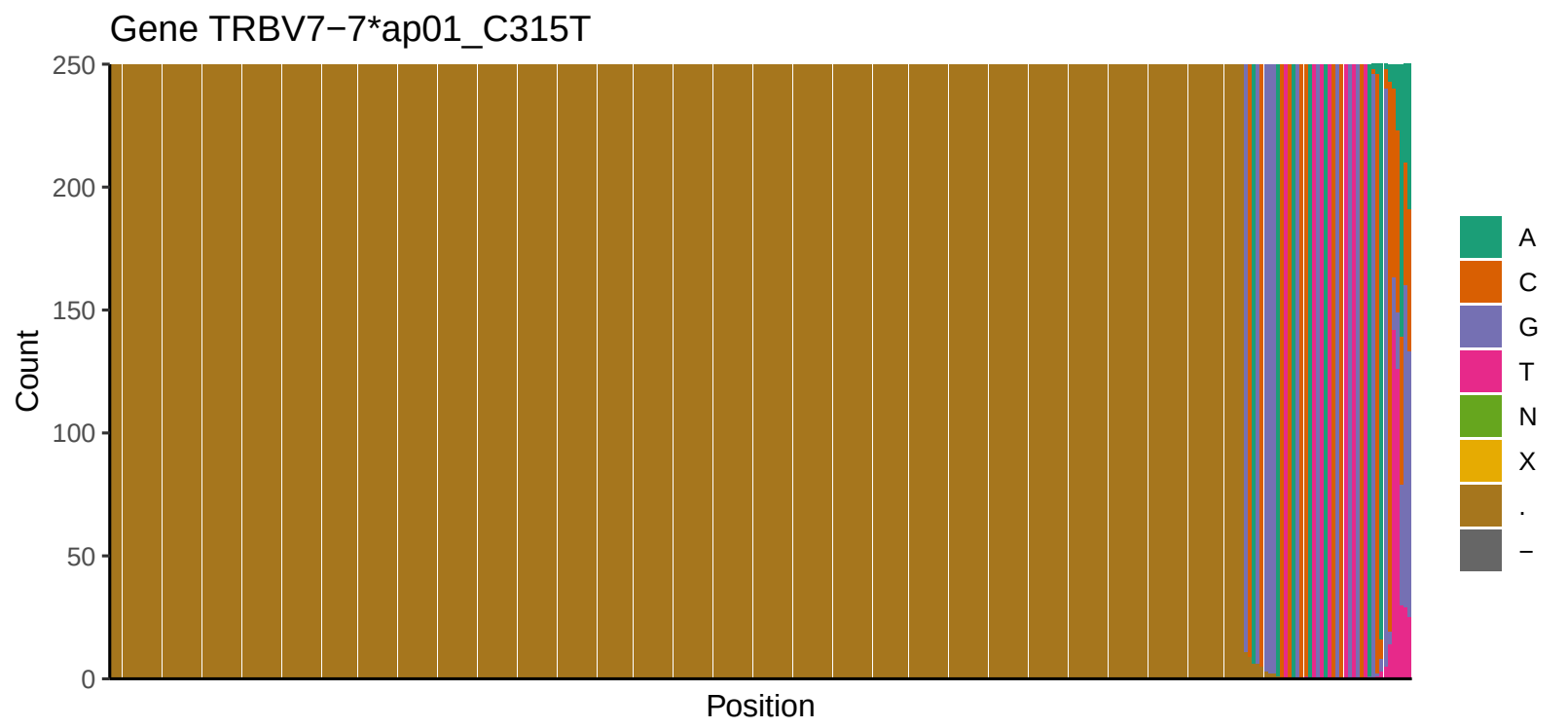
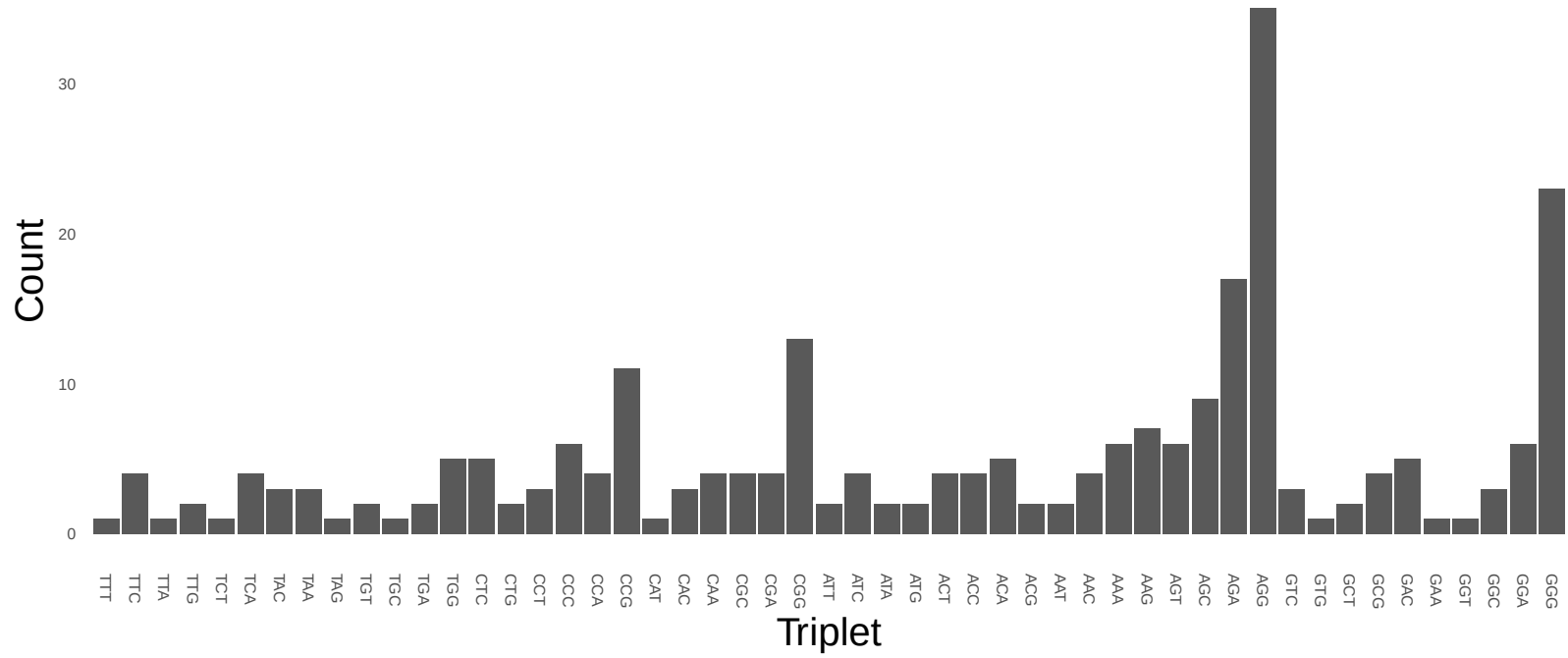

Gene TRBV7−7*ap01_C315T
Count
250
200
150
100
50
0
315
320
325
G C T A G C A G C T T A G C
Position
A
C
G
T

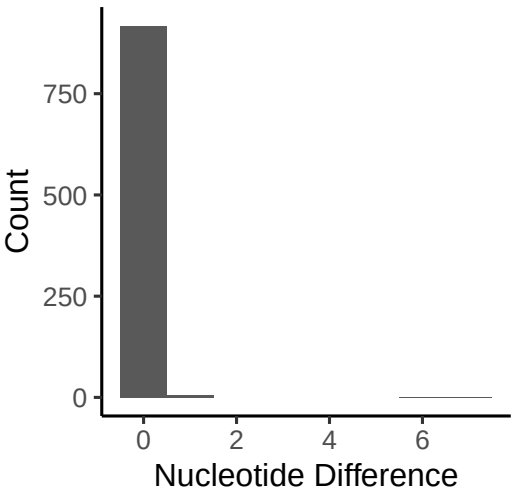

Gene TRBV7−7*ap01_C315T
250
200
150
100
50
0
Count
Position
A
C
G
T
N
X
.
–

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



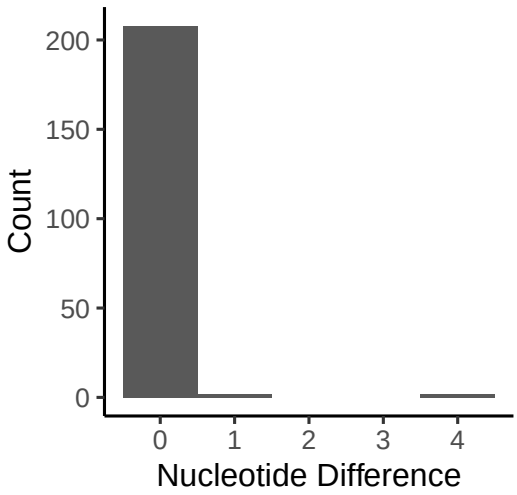
TRBV10−1*ap01

925 sequences assigned
918 (99.2%) exact matches, in which:
876 unique CDR3
13 unique J



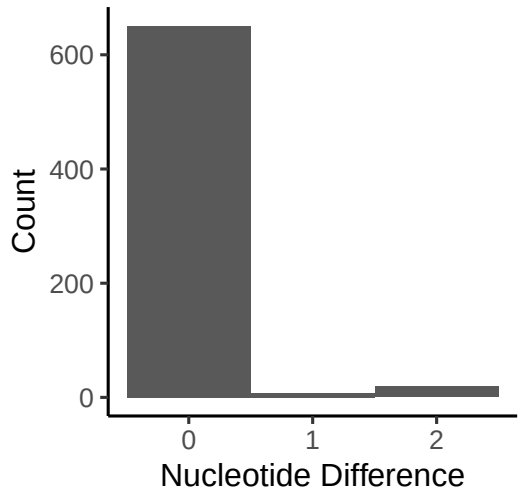
TRBV10−2*ap01

212 sequences assigned
208 (98.1%) exact matches, in which:
197 unique CDR3
12 unique J



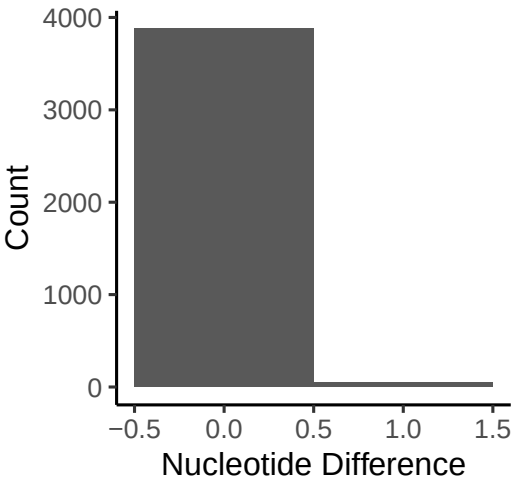
TRBV13*ap01

678 sequences assigned
651 (96%) exact matches, in which:
624 unique CDR3
13 unique J



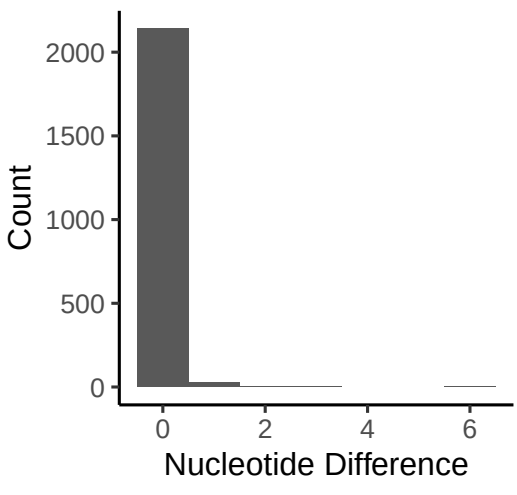
TRBV20−1*ap01

3923 sequences assigned
3878 (98.9%) exact matches, in which:
3790 unique CDR3
13 unique J



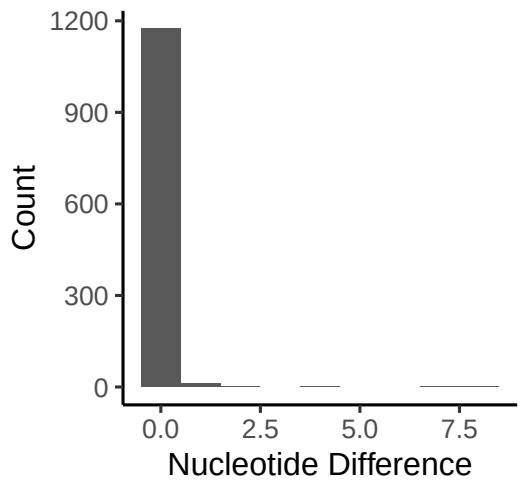
TRBV10−3*ap01

2171 sequences assigned
2140 (98.6%) exact matches, in which:
2051 unique CDR3
13 unique J



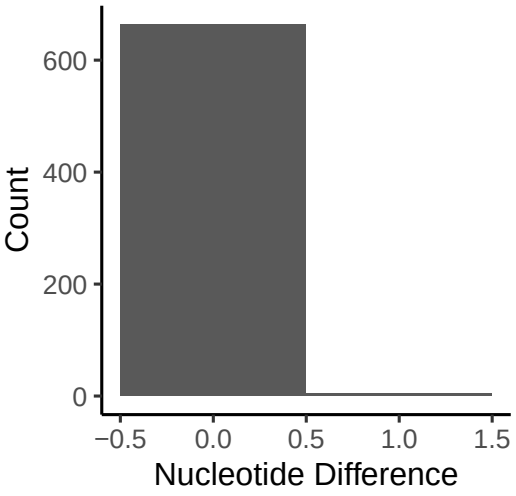
TRBV14*ap01

1190 sequences assigned
1174 (98.7%) exact matches, in which:
1133 unique CDR3
13 unique J



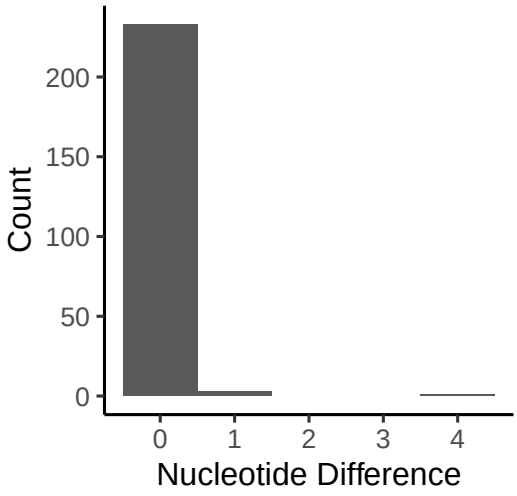
TRBV20−1*ap02

669 sequences assigned
664 (99.3%) exact matches, in which:
649 unique CDR3
13 unique J



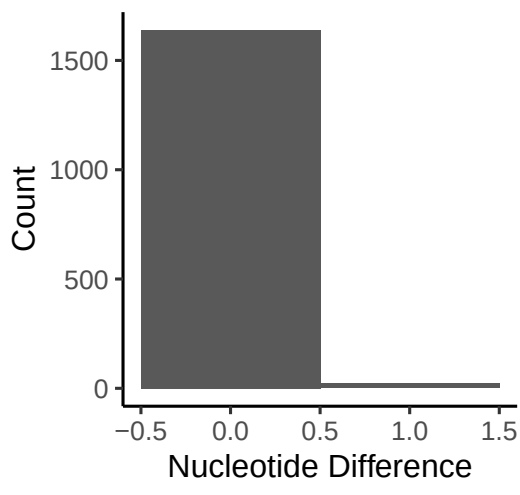
TRBV1*ap01

237 sequences assigned
233 (98.3%) exact matches, in which:
221 unique CDR3
13 unique J



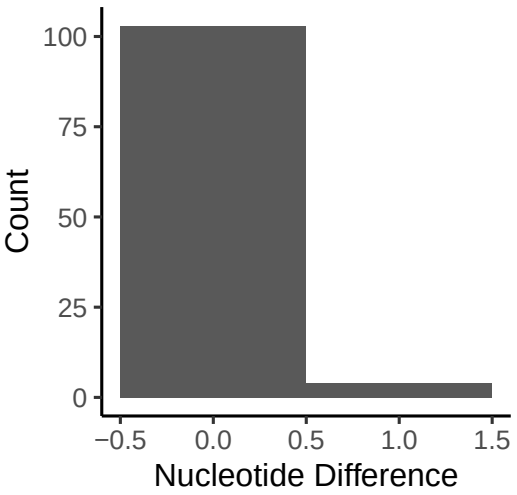
TRBV15*ap02

1661 sequences assigned
1639 (98.7%) exact matches, in which:
1576 unique CDR3
13 unique J



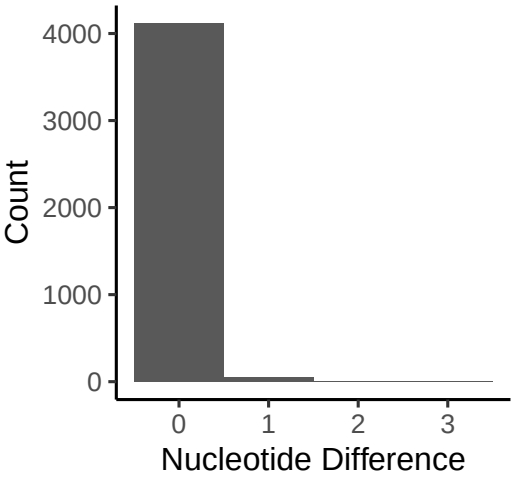
TRBV16*ap01

107 sequences assigned
103 (96.3%) exact matches, in which:
101 unique CDR3
13 unique J



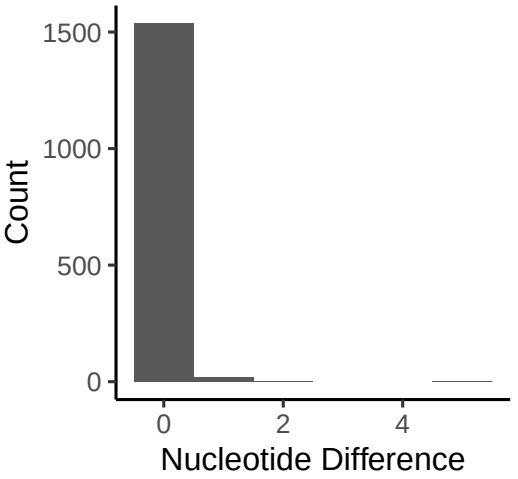
TRBV2*ap01

4169 sequences assigned
4116 (98.7%) exact matches, in which:
3954 unique CDR3
13 unique J



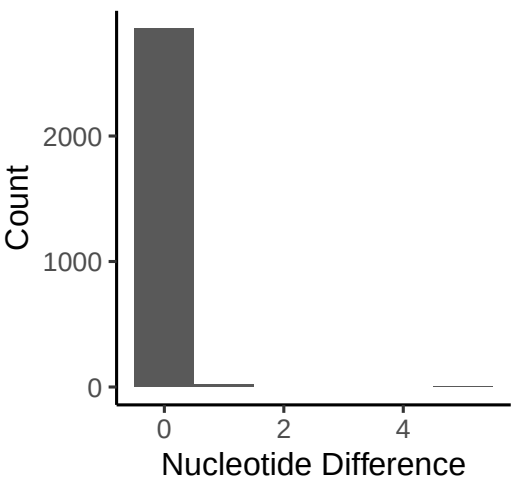
TRBV30*ap01

1558 sequences assigned
1537 (98.7%) exact matches, in which:
1450 unique CDR3
13 unique J



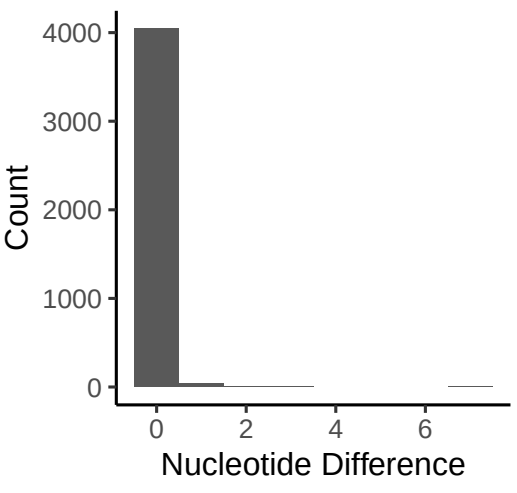
TRBV18*ap01

2876 sequences assigned
2855 (99.3%) exact matches, in which:
2786 unique CDR3
13 unique J



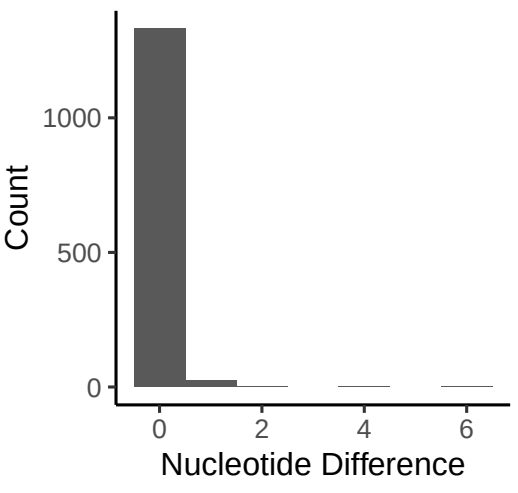
TRBV27*ap01

4090 sequences assigned
4044 (98.9%) exact matches, in which:
3880 unique CDR3
13 unique J



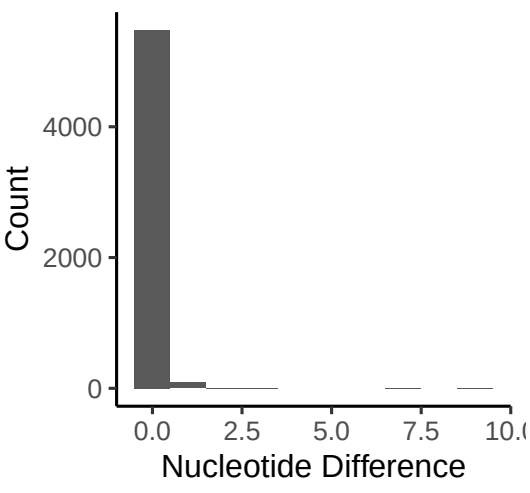
TRBV30*ap02

1359 sequences assigned
1331 (97.9%) exact matches, in which:
1277 unique CDR3
13 unique J



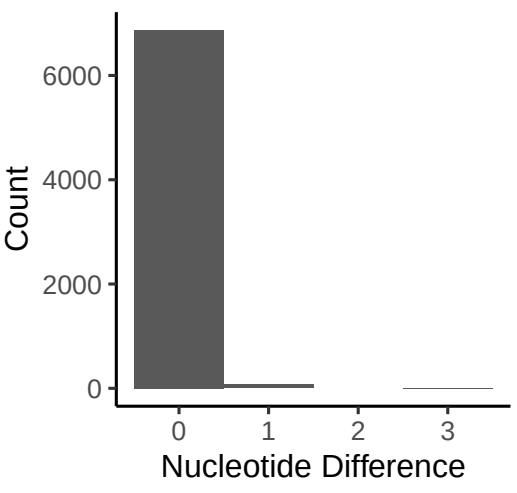
TRBV19*ap01

5574 sequences assigned
5479 (98.3%) exact matches, in which:
5378 unique CDR3
13 unique J



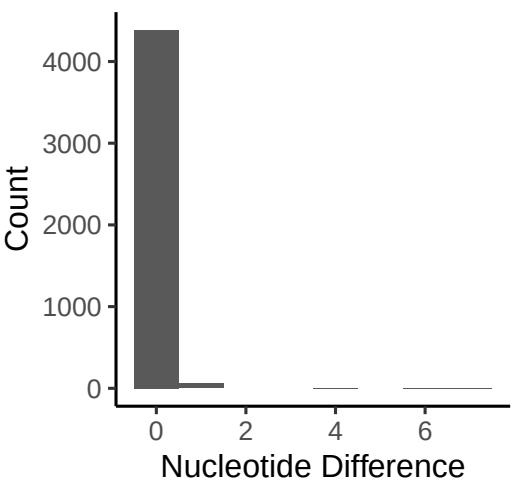
TRBV28*ap01

6948 sequences assigned
6871 (98.9%) exact matches, in which:
6665 unique CDR3
13 unique J



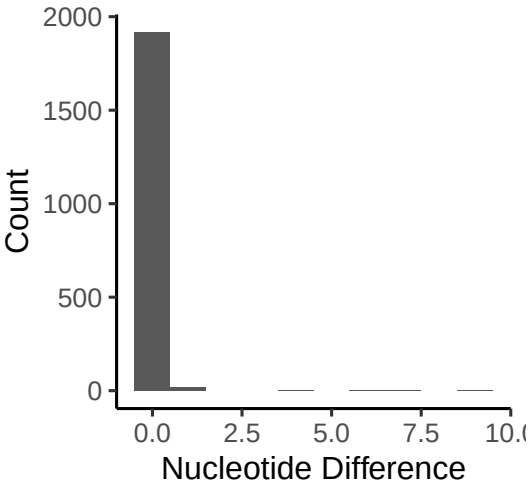
TRBV9*ap01

4447 sequences assigned
4385 (98.6%) exact matches, in which:
4275 unique CDR3
13 unique J



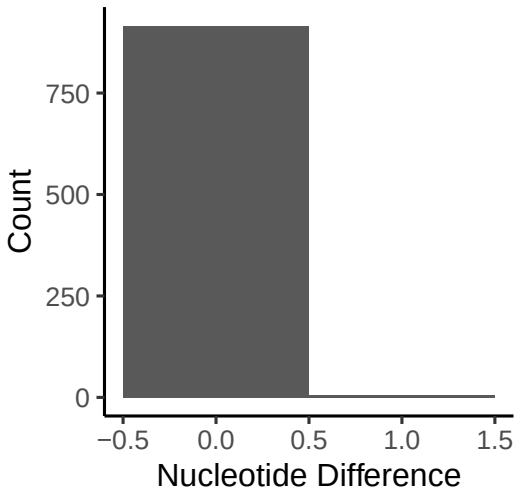
TRBV21−1*ap01

1944 sequences assigned
1916 (98.6%) exact matches, in which:
1874 unique CDR3
13 unique J



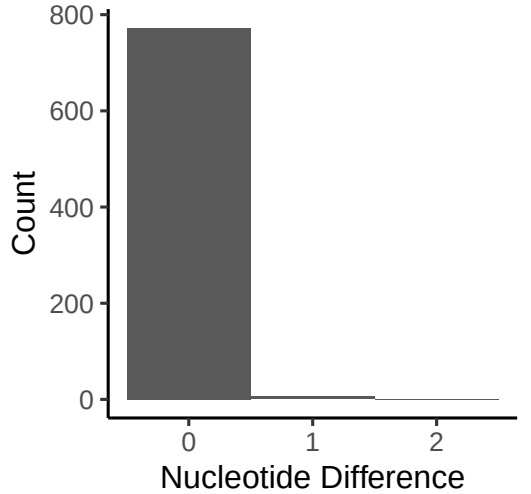
TRBV11−3*ap01

922 sequences assigned
916 (99.3%) exact matches, in which:
902 unique CDR3
13 unique J



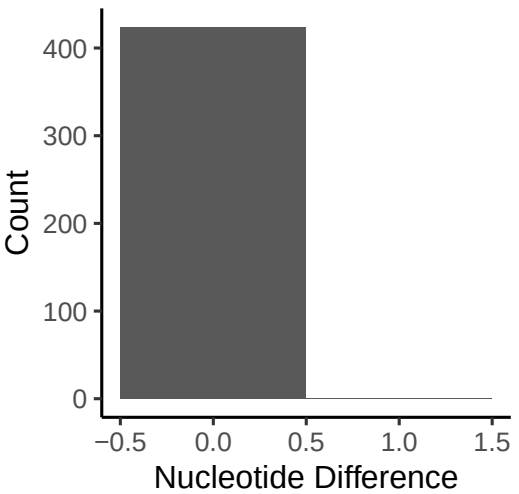
TRBV12−5*ap01

780 sequences assigned
773 (99.1%) exact matches, in which:
755 unique CDR3
13 unique J



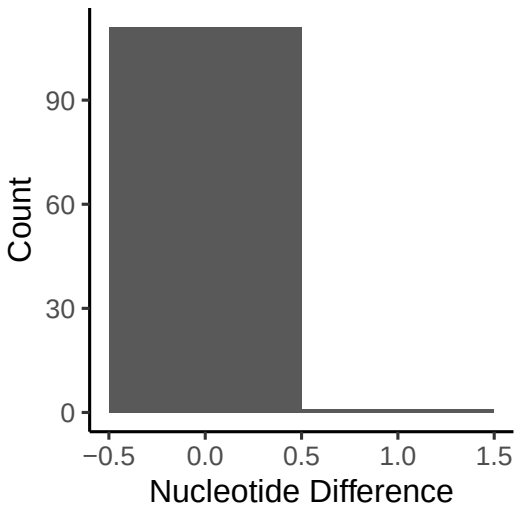
TRBV11−1*ap01

425 sequences assigned
424 (99.8%) exact matches, in which:
417 unique CDR3
13 unique J



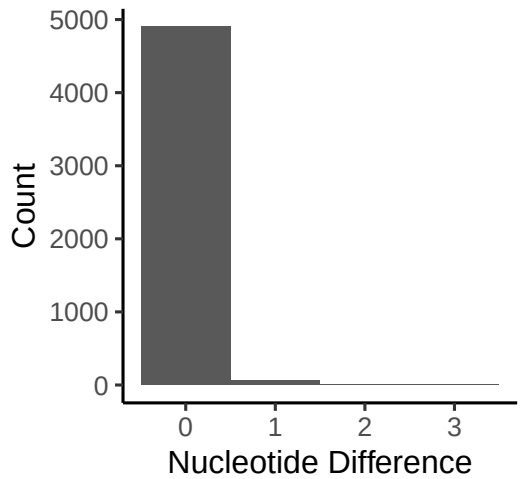
TRBV12−1*ap01

112 sequences assigned
111 (99.1%) exact matches, in which:
108 unique CDR3
13 unique J



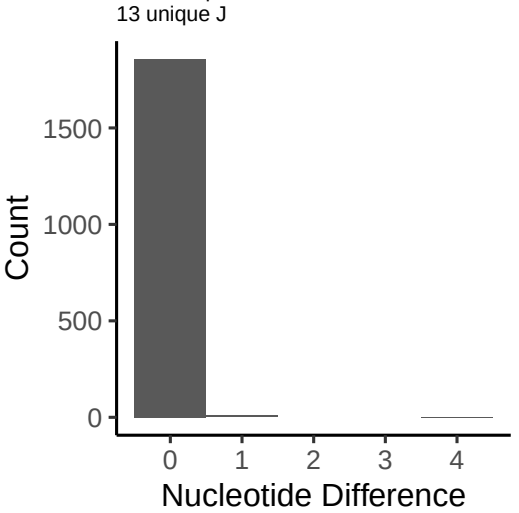
TRBV12−34*ap01

4964 sequences assigned
4902 (98.8%) exact matches, in which:
4701 unique CDR3
13 unique J



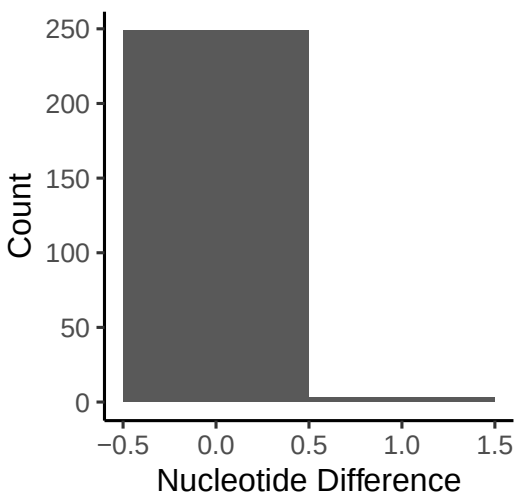
TRBV11−2*ap01

1867 sequences assigned
1857 (99.5%) exact matches, in which:
1828 unique CDR3
13 unique J



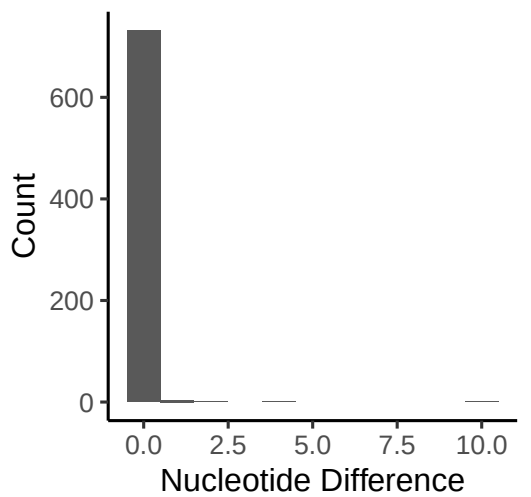
TRBV12−2*ap01

252 sequences assigned
249 (98.8%) exact matches, in which:
232 unique CDR3
13 unique J



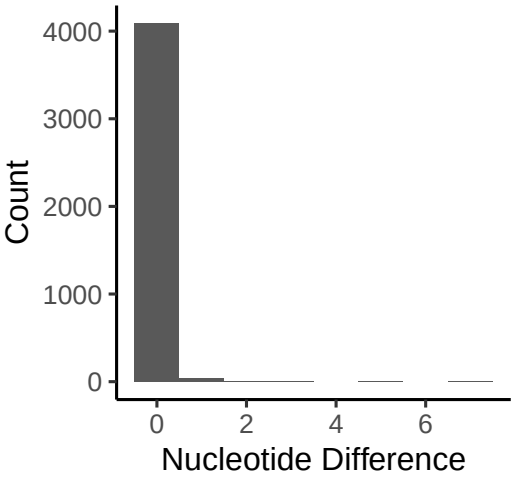
TRBV23−1*ap01

739 sequences assigned
732 (99.1%) exact matches, in which:
712 unique CDR3
13 unique J



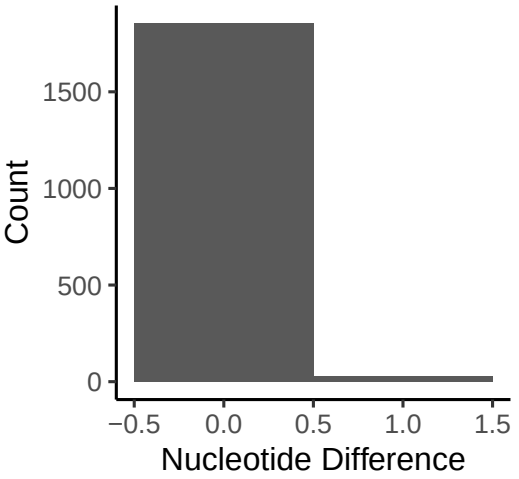
TRBV3−12*ap01

4132 sequences assigned
4088 (98.9%) exact matches, in which:
3981 unique CDR3
13 unique J



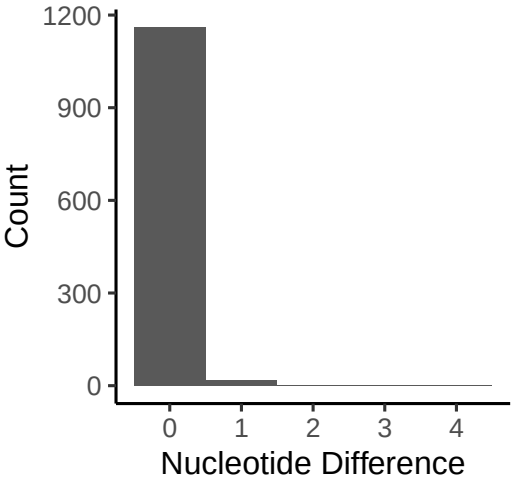
TRBV4−2*ap01

1882 sequences assigned
1854 (98.5%) exact matches, in which:
1783 unique CDR3
13 unique J



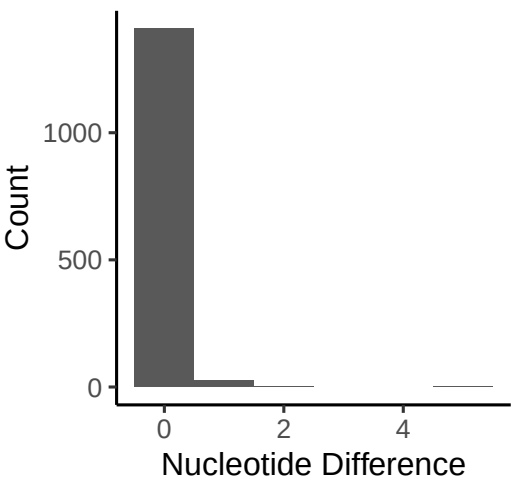
TRBV25−1*ap01

1182 sequences assigned
1160 (98.1%) exact matches, in which:
1093 unique CDR3
13 unique J



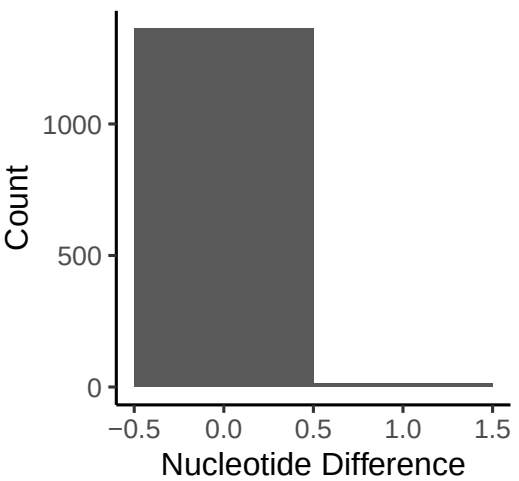
TRBV4−1*ap01

1435 sequences assigned
1409 (98.2%) exact matches, in which:
1350 unique CDR3
13 unique J



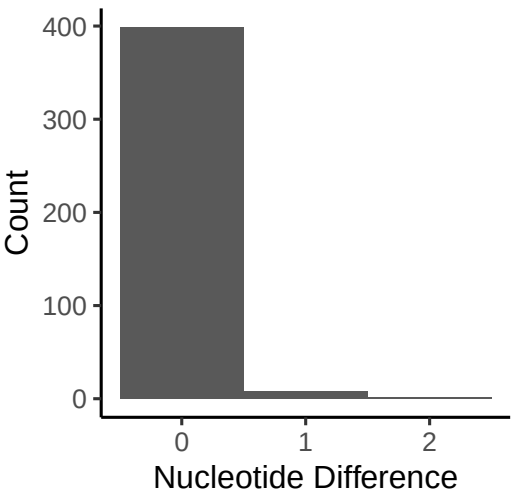
TRBV4−3*ap01

1376 sequences assigned
1362 (99%) exact matches, in which:
1305 unique CDR3
13 unique J



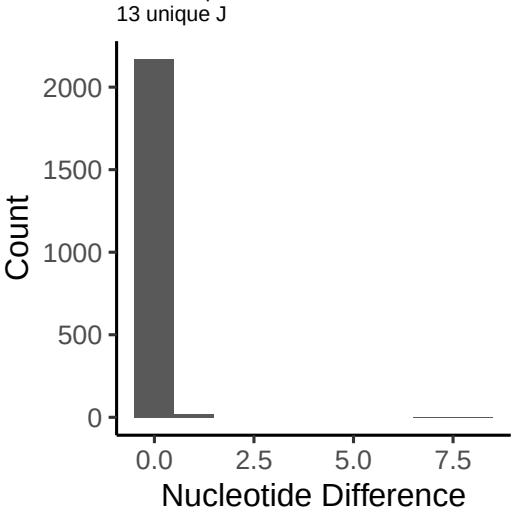
TRBV5−3*ap01

409 sequences assigned
399 (97.6%) exact matches, in which:
385 unique CDR3
13 unique J



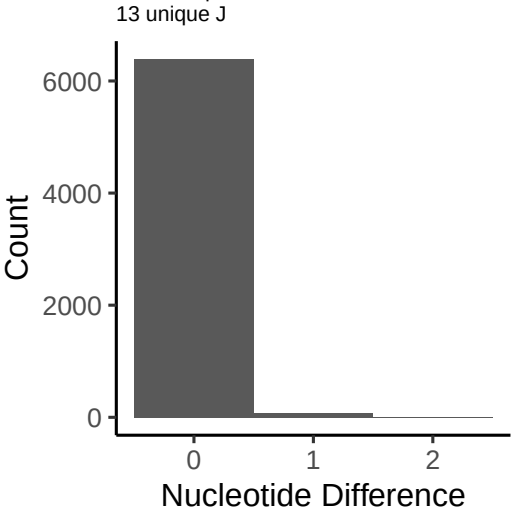
TRBV24−1*ap01

2193 sequences assigned
2170 (99%) exact matches, in which:
2103 unique CDR3
13 unique J



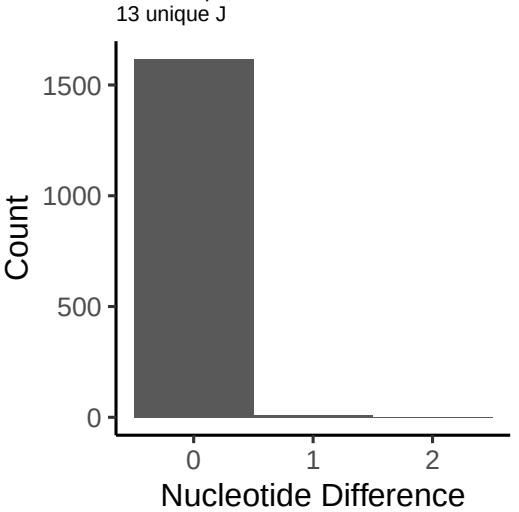
TRBV5−1*ap01

6472 sequences assigned
6391 (98.7%) exact matches, in which:
6147 unique CDR3
13 unique J



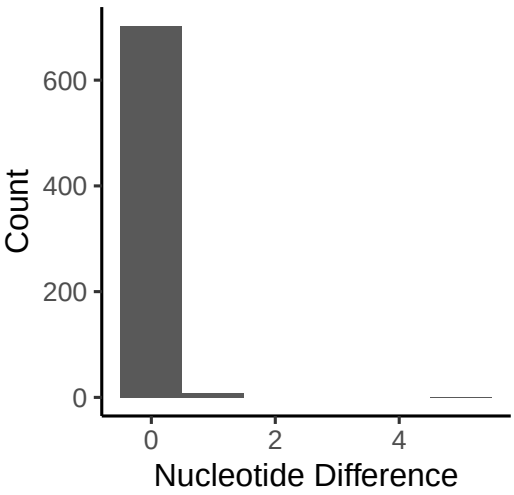
TRBV5−4*ap01

1629 sequences assigned
1617 (99.3%) exact matches, in which:
1555 unique CDR3
13 unique J



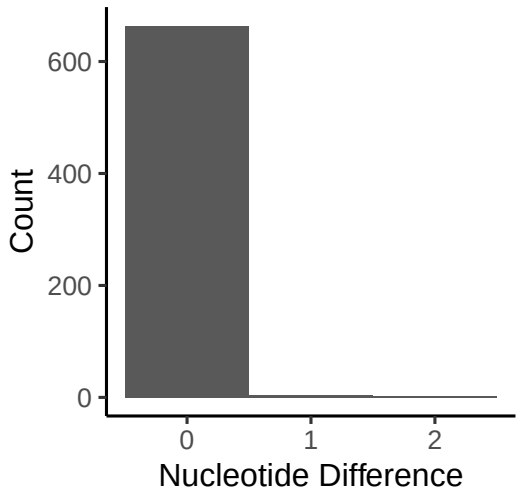
TRBV5−5*ap01

712 sequences assigned
703 (98.7%) exact matches, in which:
698 unique CDR3
13 unique J



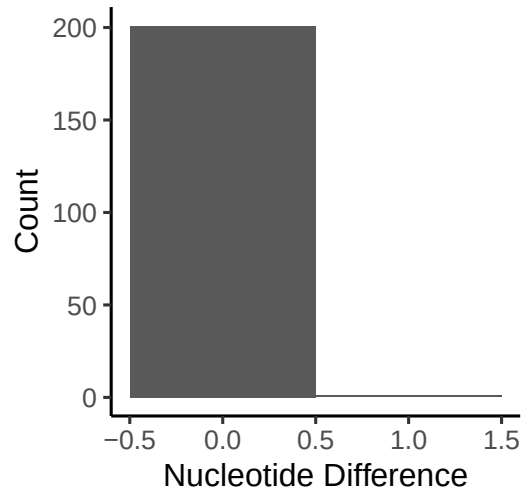
TRBV5−8*ap01

670 sequences assigned
664 (99.1%) exact matches, in which:
641 unique CDR3
13 unique J



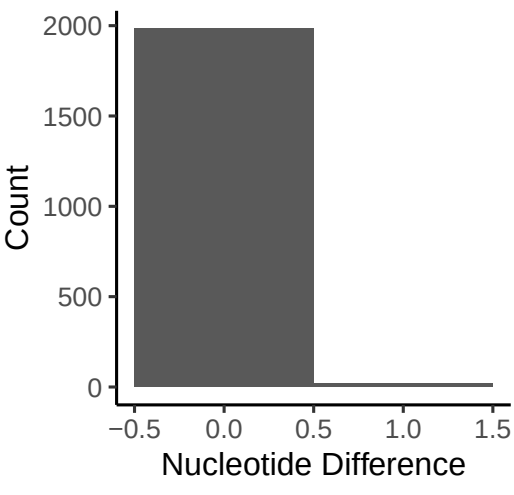
TRBV6−7*ap01

202 sequences assigned
201 (99.5%) exact matches, in which:
188 unique CDR3
13 unique J



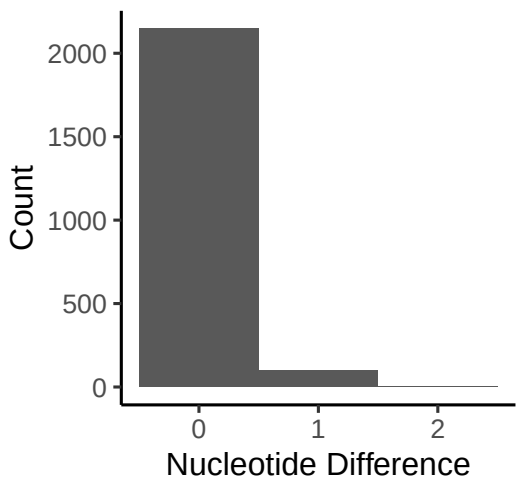
TRBV5−6*ap01

2005 sequences assigned
1983 (98.9%) exact matches, in which:
1891 unique CDR3
13 unique J



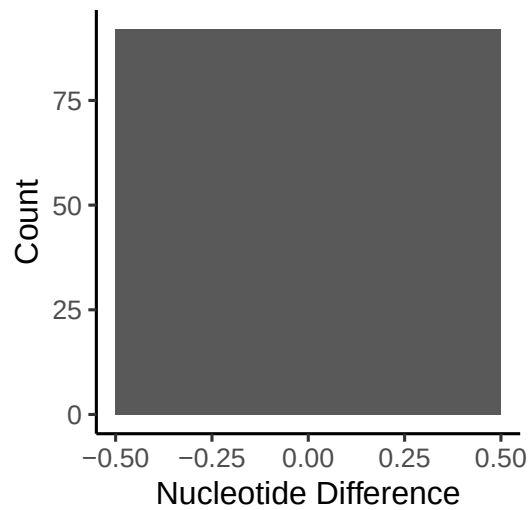
TRBV6−1*ap01

2246 sequences assigned
2147 (95.6%) exact matches, in which:
2053 unique CDR3
13 unique J



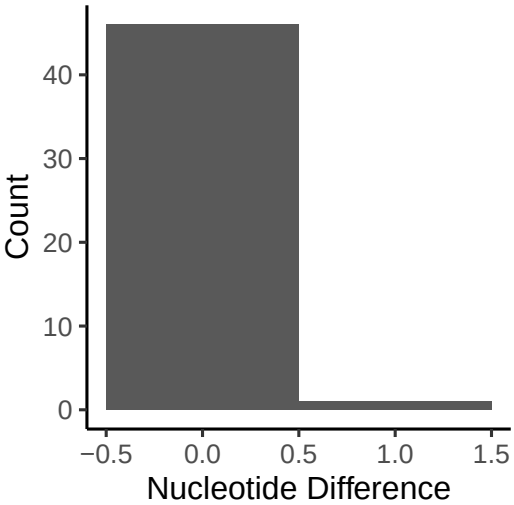
TRBV6−8*ap01

92 sequences assigned
92 (100%) exact matches, in which:
88 unique CDR3
12 unique J



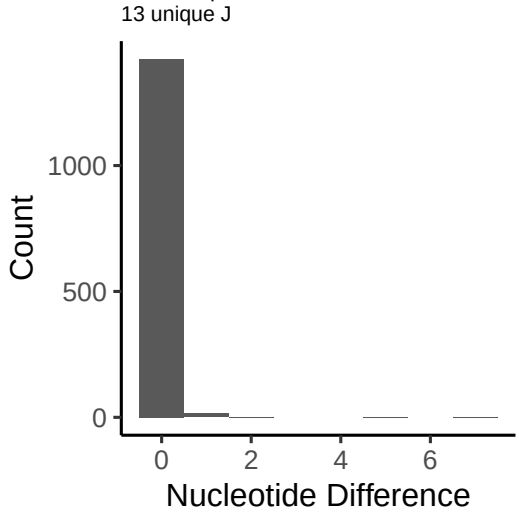
TRBV5−7*ap01

47 sequences assigned
46 (97.9%) exact matches, in which:
45 unique CDR3
11 unique J



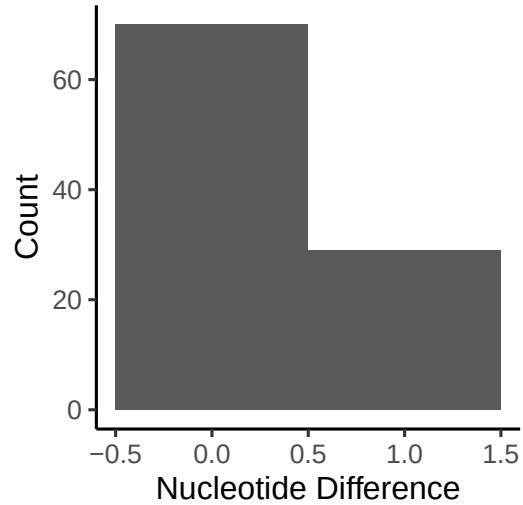
TRBV6−4*ap01

1442 sequences assigned
1423 (98.7%) exact matches, in which:
1386 unique CDR3
13 unique J



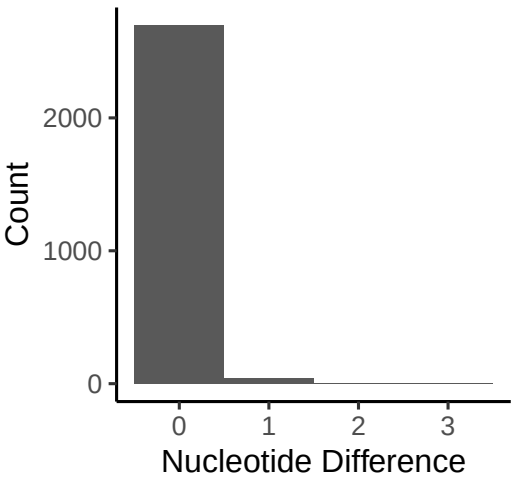
TRBV6−9*ap01

99 sequences assigned
70 (70.7%) exact matches, in which:
66 unique CDR3
13 unique J



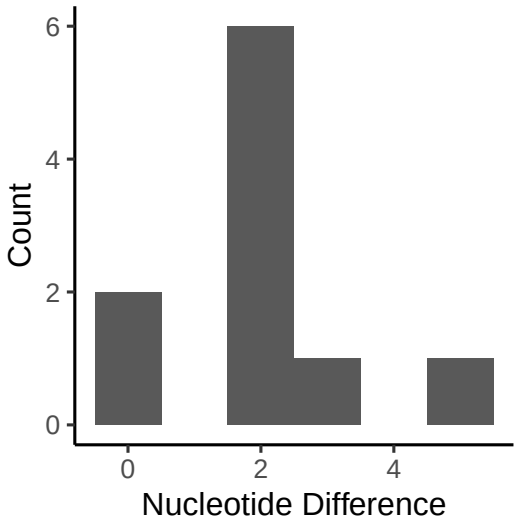
TRBV6−23*ap01

2739 sequences assigned
2696 (98.4%) exact matches, in which:
2563 unique CDR3
13 unique J



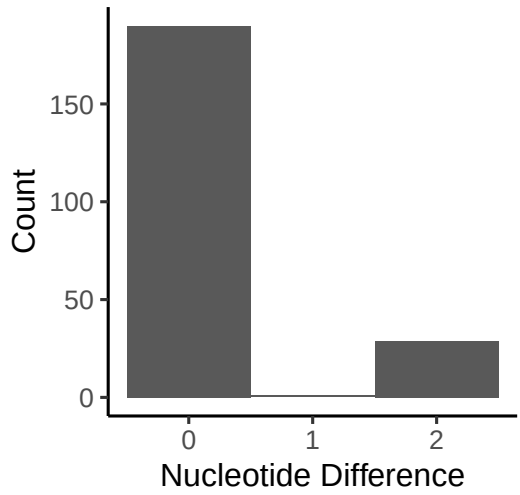
TRBV7−1*ap01

10 sequences assigned
2 (20%) exact matches, in which:
2 unique CDR3
2 unique J



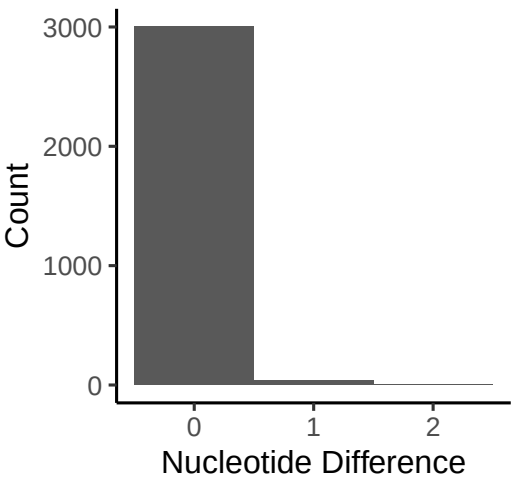
TRBV7−4*ap01

220 sequences assigned
190 (86.4%) exact matches, in which:
185 unique CDR3
13 unique J



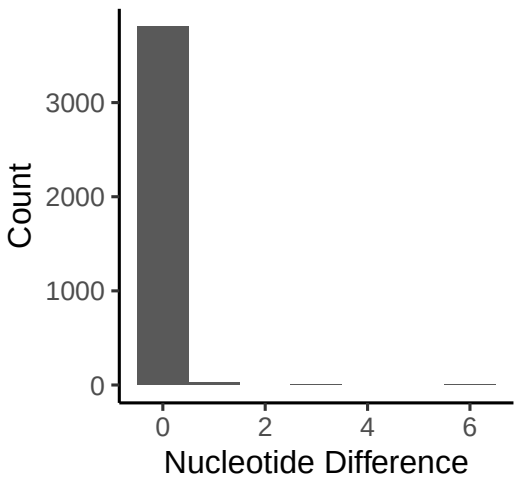
TRBV6−56*ap01

3038 sequences assigned
3002 (98.8%) exact matches, in which:
2847 unique CDR3
13 unique J



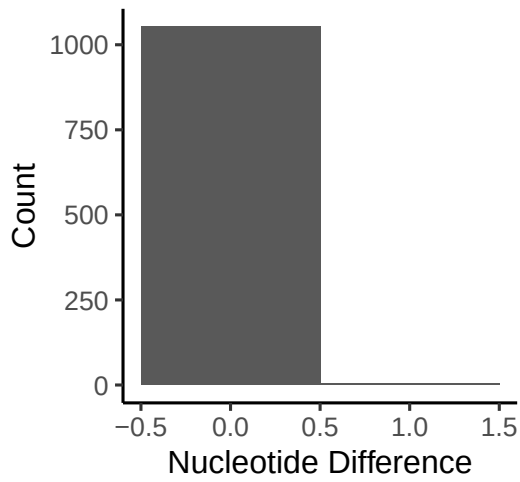
TRBV7−2*ap01

3832 sequences assigned
3806 (99.3%) exact matches, in which:
3655 unique CDR3
13 unique J



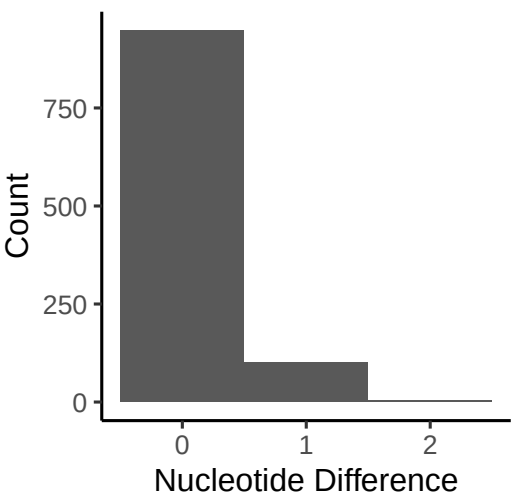
TRBV7−6*ap01

1058 sequences assigned
1053 (99.5%) exact matches, in which:
1006 unique CDR3
13 unique J



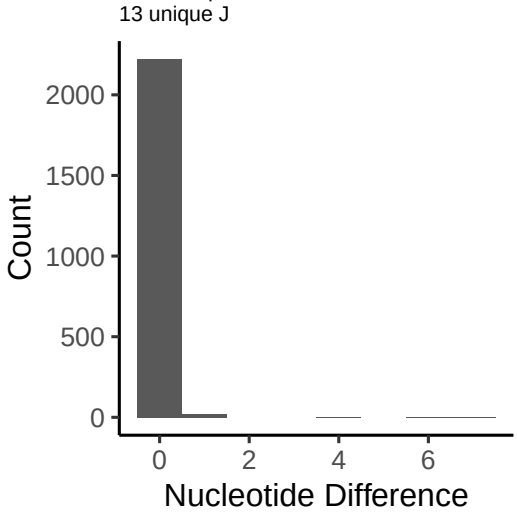
TRBV6−56*ap02

1051 sequences assigned
948 (90.2%) exact matches, in which:
905 unique CDR3
13 unique J



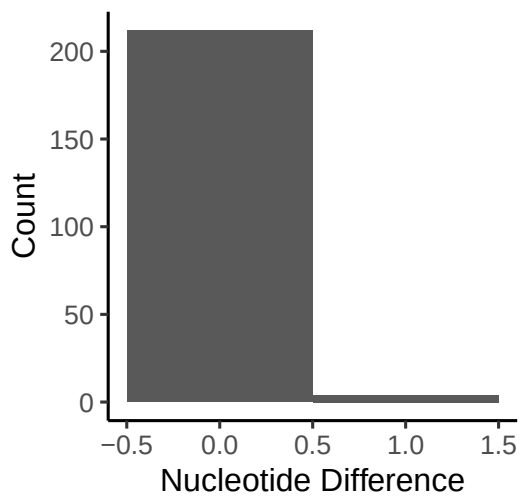
TRBV7−3*ap01

2245 sequences assigned
2222 (99%) exact matches, in which:
2183 unique CDR3
13 unique J



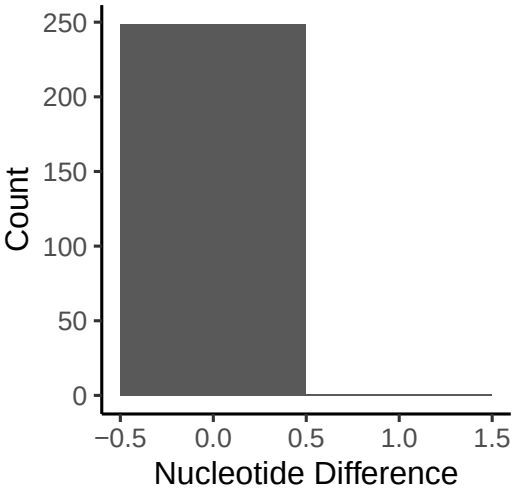
TRBV7−7*ap01

216 sequences assigned
212 (98.1%) exact matches, in which:
207 unique CDR3
12 unique J



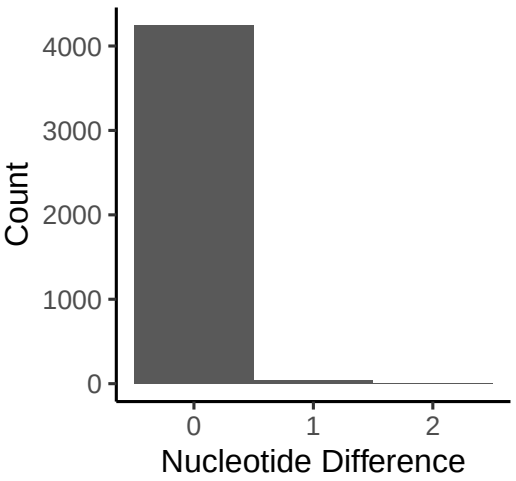
TRBV7−7*ap01_C315T

250 sequences assigned
249 (99.6%) exact matches, in which:
240 unique CDR3
12 unique J



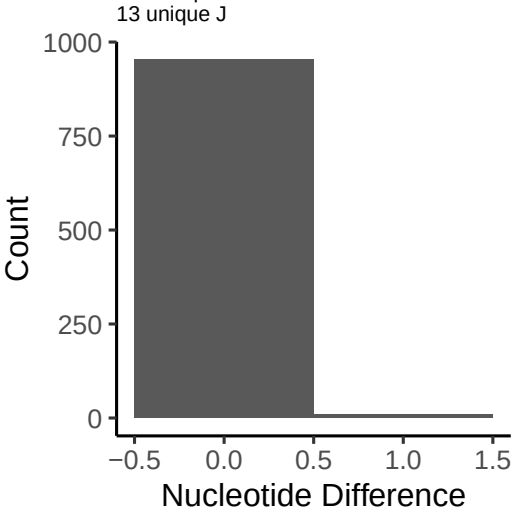
TRBV7−9*ap01

4289 sequences assigned
4244 (99%) exact matches, in which:
4111 unique CDR3
13 unique J



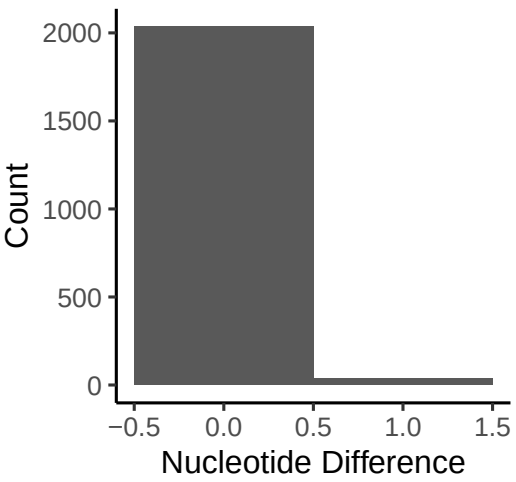
TRBV7−8*ap01

963 sequences assigned
953 (99%) exact matches, in which:
918 unique CDR3
13 unique J



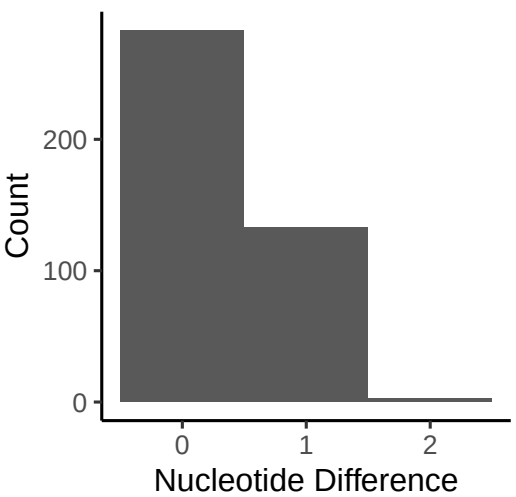
TRBV29−1*ap01

2070 sequences assigned
2035 (98.3%) exact matches, in which:
1918 unique CDR3
13 unique J



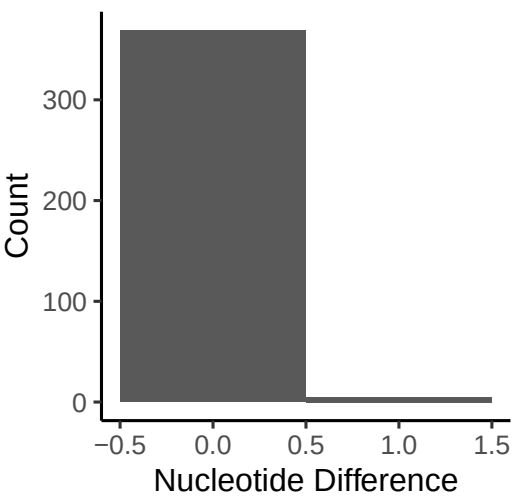
TRBV7−8*ap03

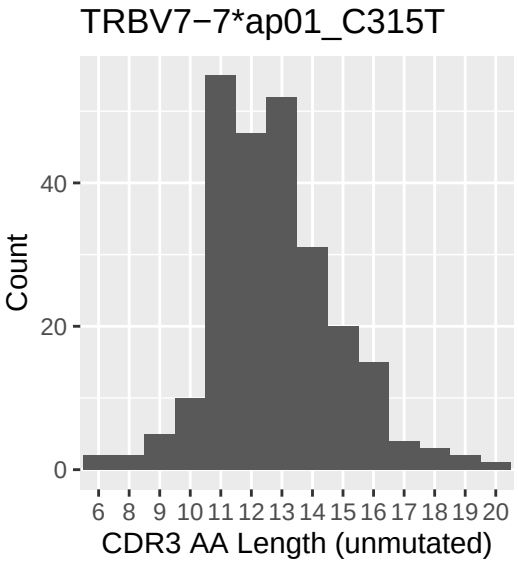
419 sequences assigned
283 (67.5%) exact matches, in which:
277 unique CDR3
13 unique J

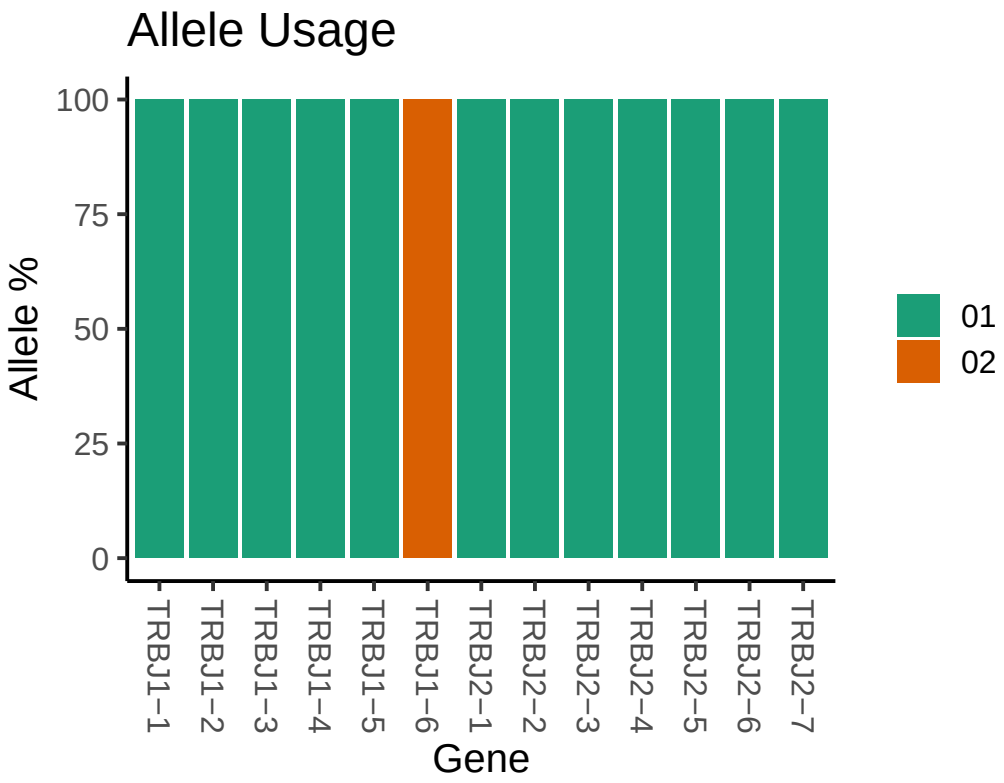


TRBV29−1*ap02

374 sequences assigned
369 (98.7%) exact matches, in which:
350 unique CDR3
13 unique J




TRBV7−7*ap01_C315T
Count
40
20
0
6 8 9 10 11 12 13 14 15 16 17 18 19 20
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.