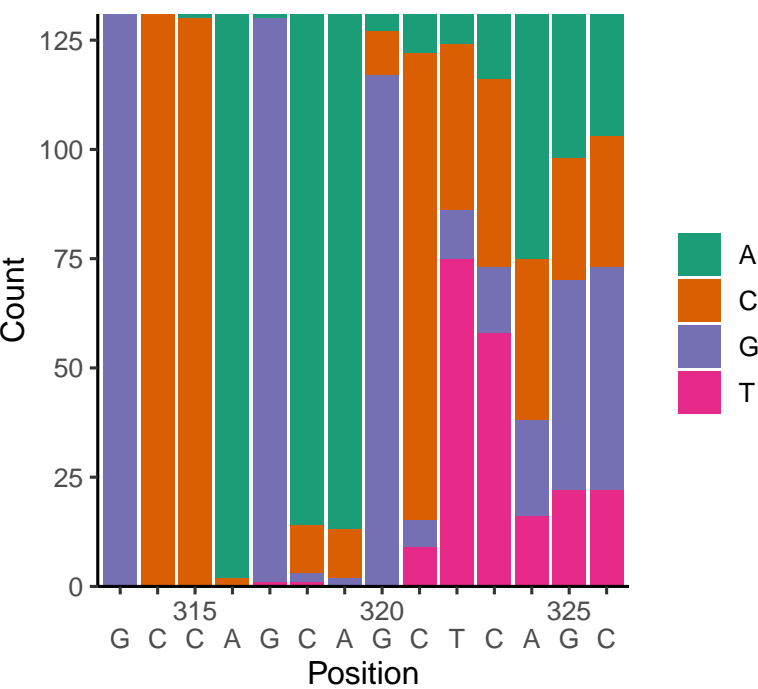
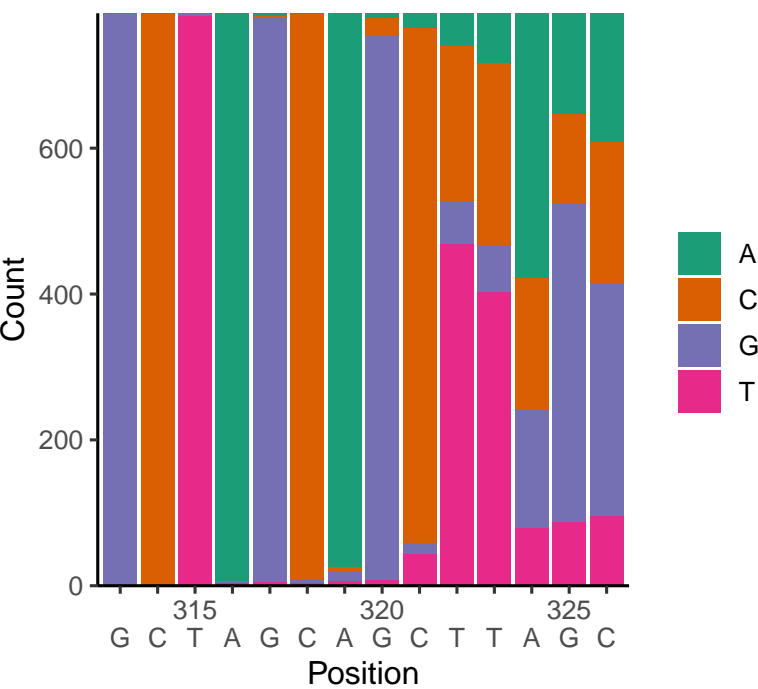


Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



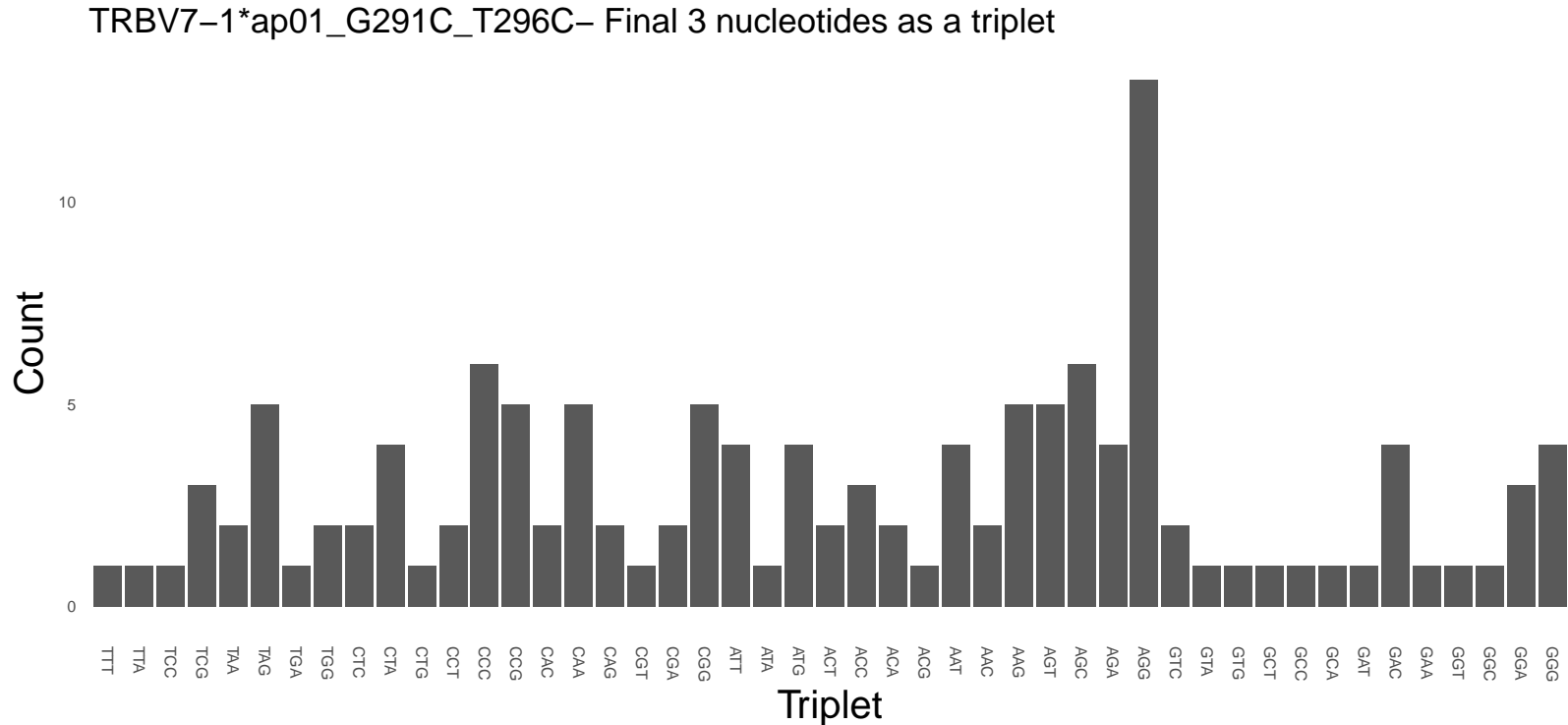
Gene TRBV7-1*ap01_G291C_T296C



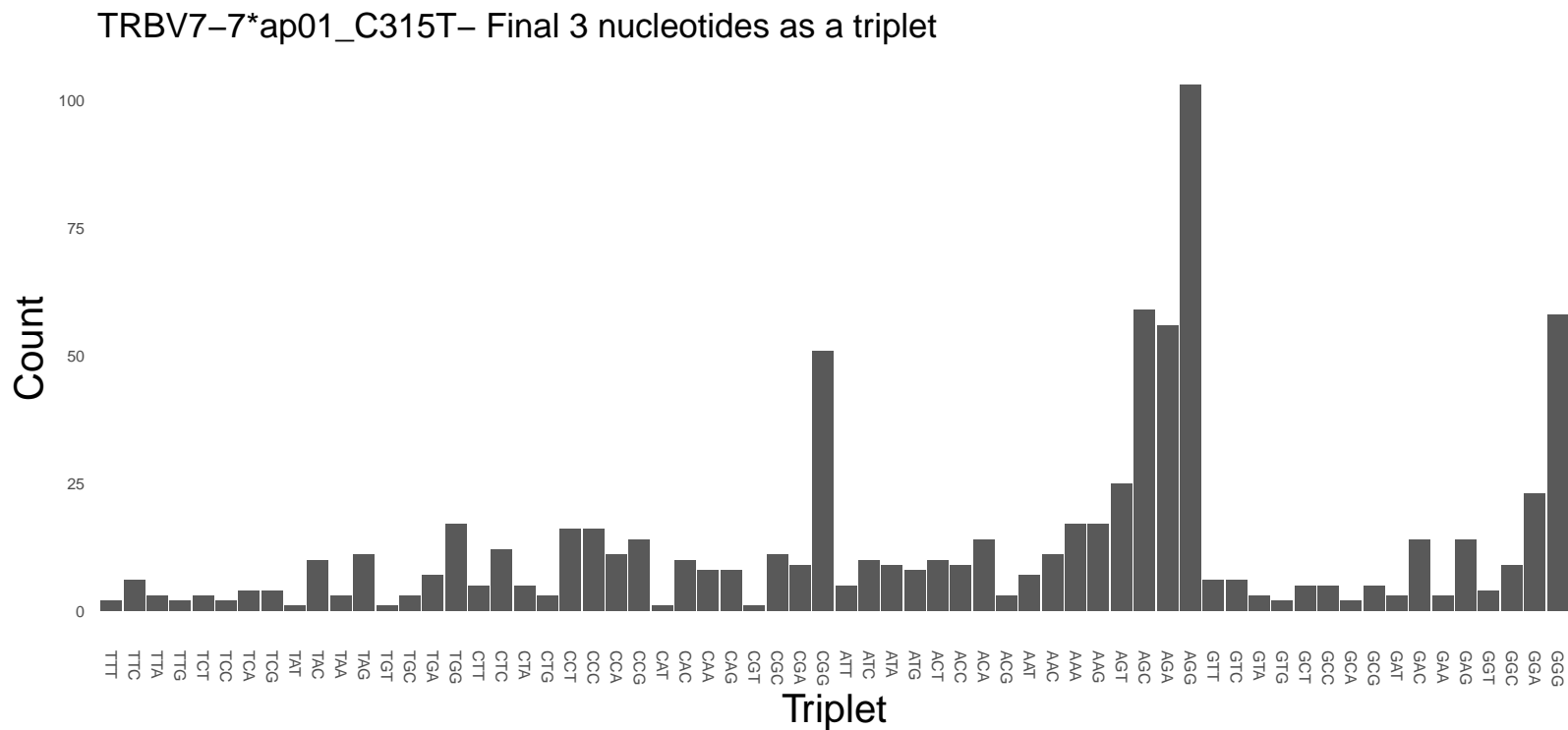
Gene TRBV7-7*ap01_C315T



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

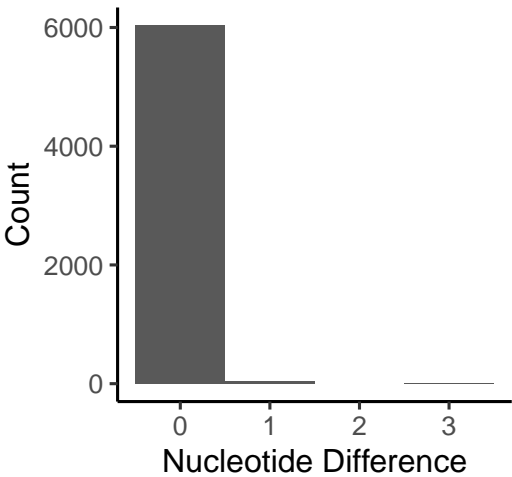


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



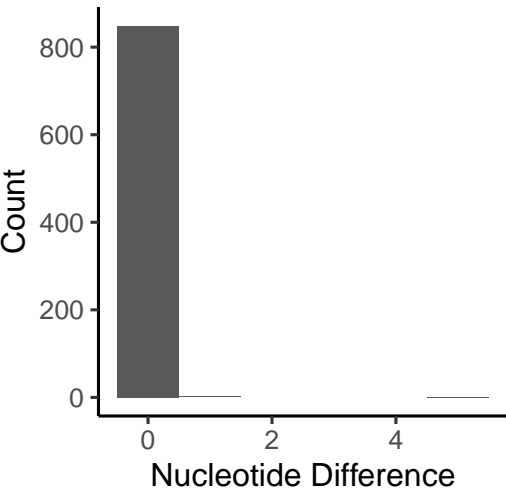
TRBV20-1*ap01

6083 sequences assigned
6035 (99.2%) exact matches, in which:
5942 unique CDR3
13 unique J



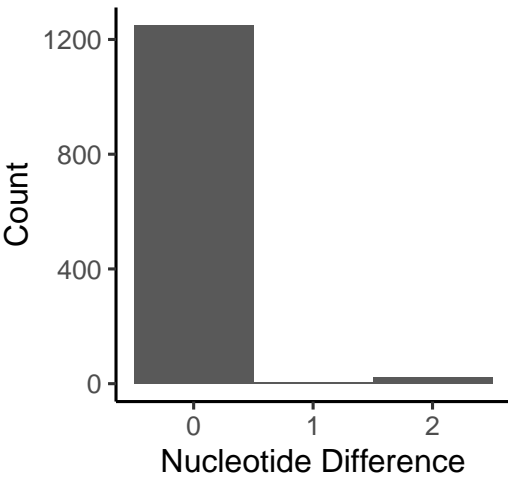
TRBV10-2*ap01

852 sequences assigned
849 (99.6%) exact matches, in which:
836 unique CDR3
13 unique J



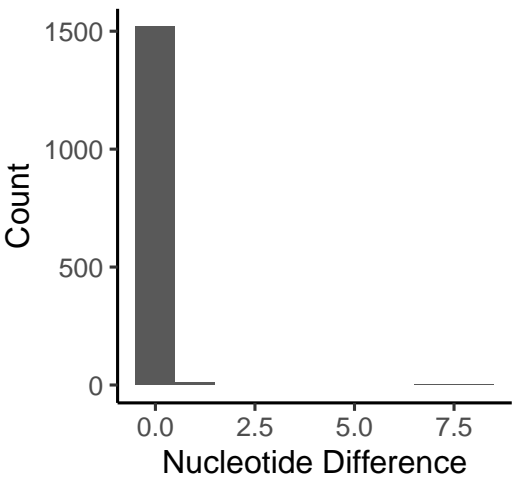
TRBV13*ap01

1276 sequences assigned
1249 (97.9%) exact matches, in which:
1208 unique CDR3
13 unique J



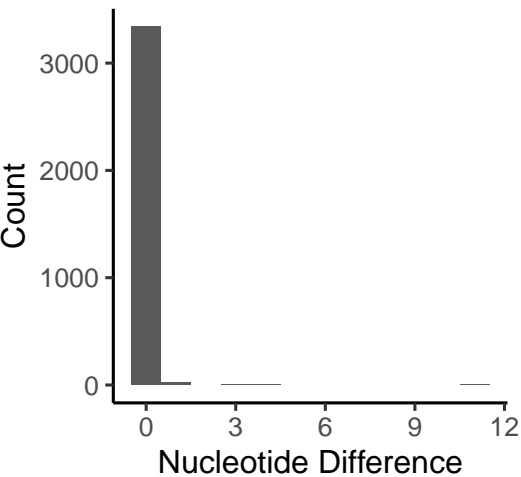
TRBV10-1*ap01

1531 sequences assigned
1519 (99.2%) exact matches, in which:
1484 unique CDR3
13 unique J



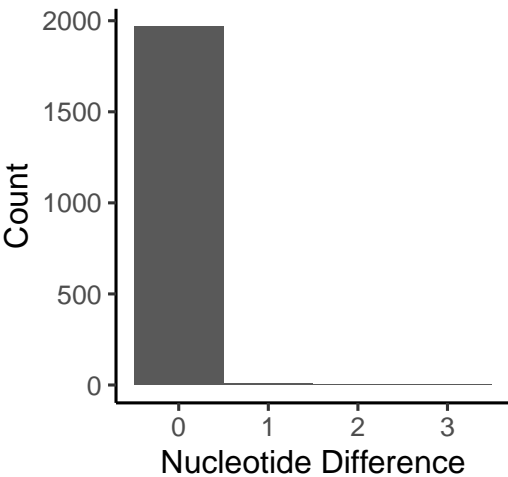
TRBV10-3*ap01

3365 sequences assigned
3339 (99.2%) exact matches, in which:
3270 unique CDR3
13 unique J



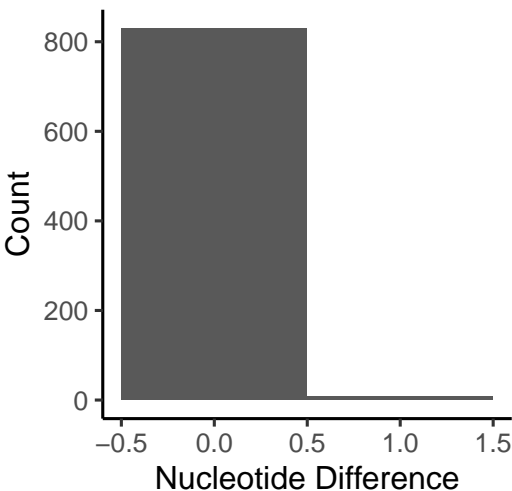
TRBV14*ap01

1979 sequences assigned
1967 (99.4%) exact matches, in which:
1931 unique CDR3
13 unique J



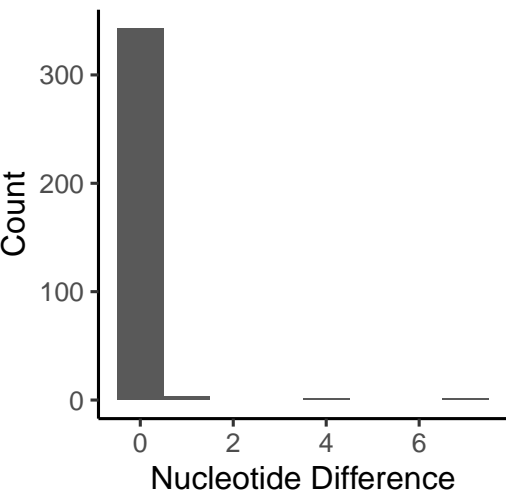
TRBV20-1*ap02

838 sequences assigned
830 (99%) exact matches, in which:
818 unique CDR3
13 unique J



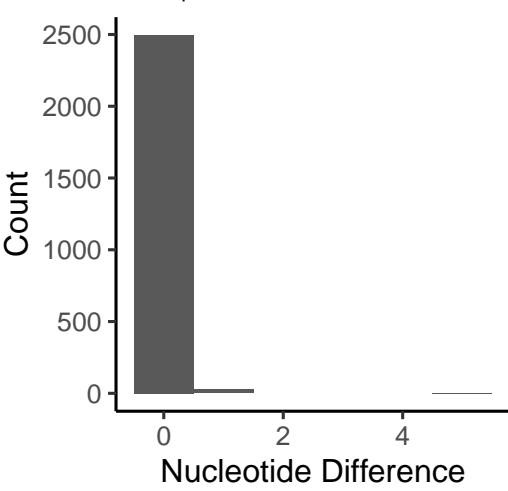
TRBV1*ap01

348 sequences assigned
343 (98.6%) exact matches, in which:
334 unique CDR3
13 unique J



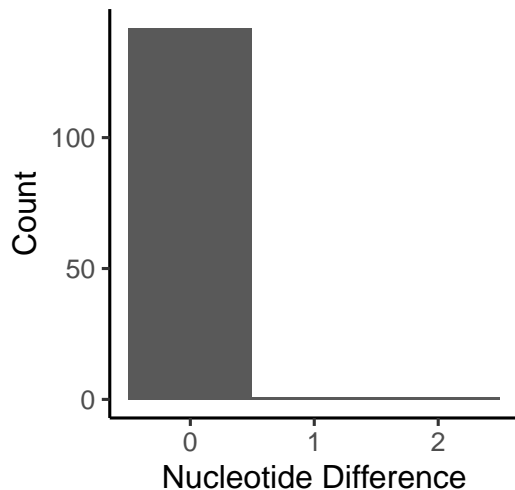
TRBV15*ap02

2523 sequences assigned
2496 (98.9%) exact matches, in which:
2431 unique CDR3
13 unique J



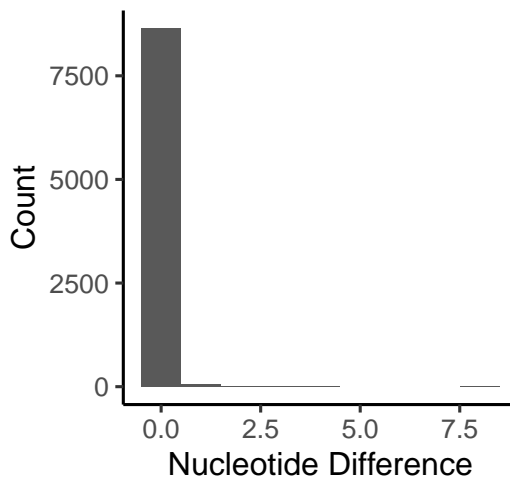
TRBV16*ap01

144 sequences assigned
142 (98.6%) exact matches, in which:
139 unique CDR3
13 unique J



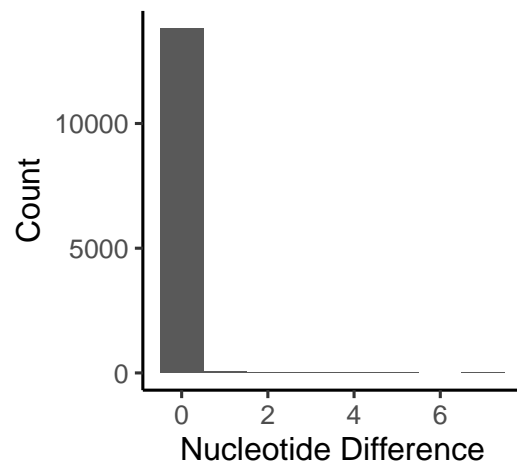
TRBV19*ap01

8711 sequences assigned
8643 (99.2%) exact matches, in which:
8560 unique CDR3
13 unique J



TRBV28*ap01

13907 sequences assigned
13822 (99.4%) exact matches, in which:
13594 unique CDR3
13 unique J



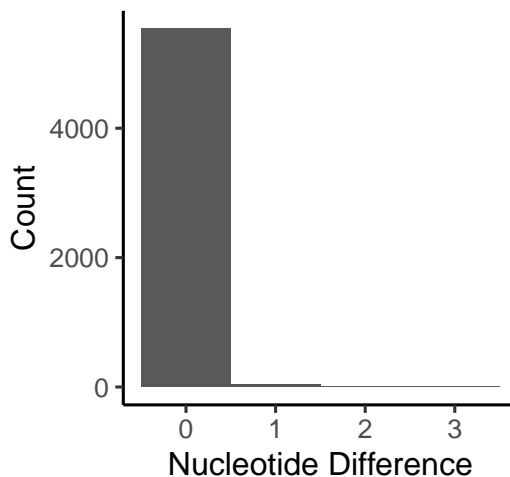
TRBV17*ap01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



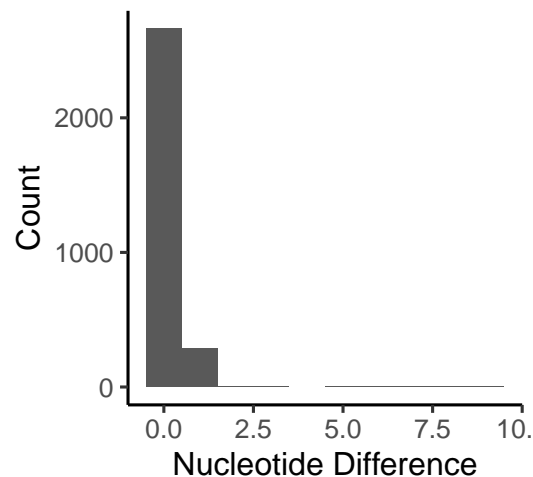
TRBV2*ap01

5584 sequences assigned
5538 (99.2%) exact matches, in which:
5436 unique CDR3
13 unique J



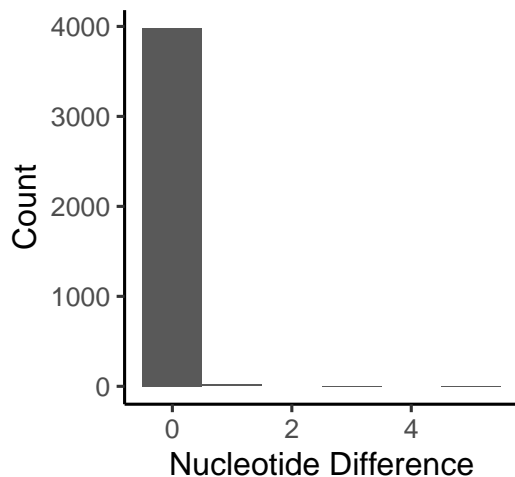
TRBV30*ap01

2959 sequences assigned
2662 (90%) exact matches, in which:
2587 unique CDR3
13 unique J



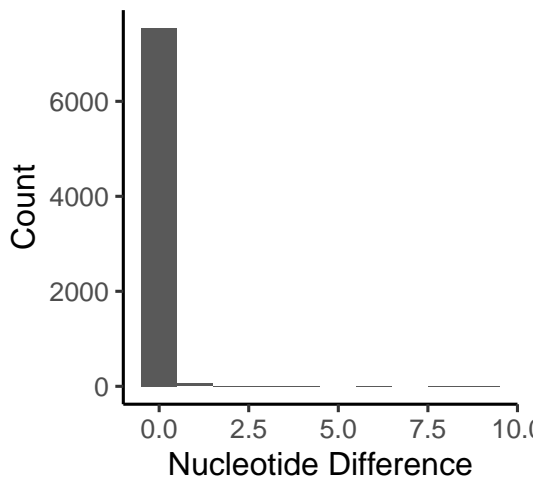
TRBV18*ap01

4004 sequences assigned
3982 (99.5%) exact matches, in which:
3953 unique CDR3
13 unique J



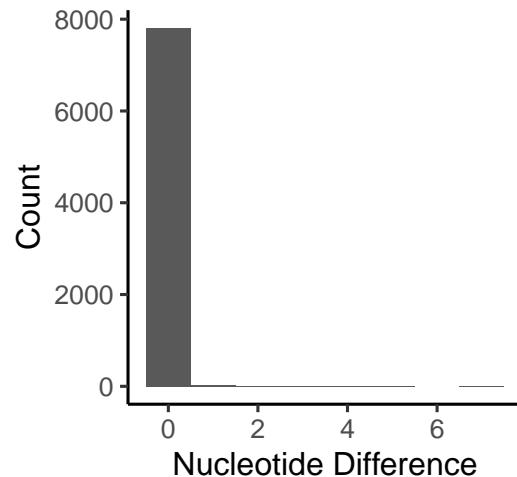
TRBV27*ap01

7620 sequences assigned
7543 (99%) exact matches, in which:
7392 unique CDR3
13 unique J



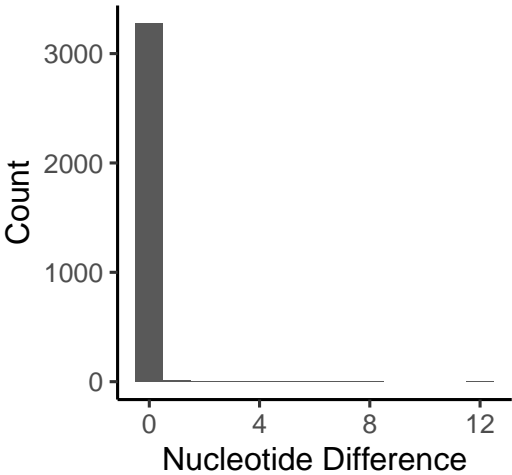
TRBV9*ap01

7850 sequences assigned
7807 (99.5%) exact matches, in which:
7707 unique CDR3
13 unique J



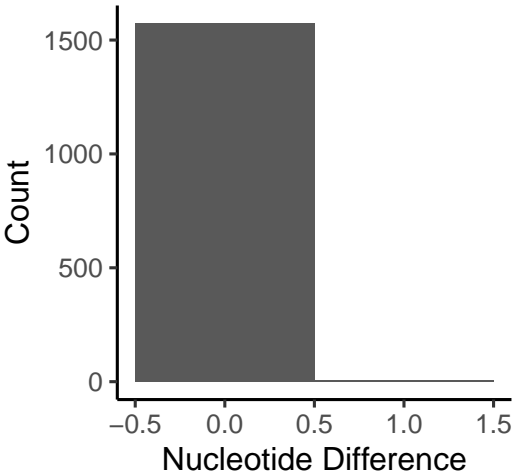
TRBV21-1*ap01

3317 sequences assigned
3276 (98.8%) exact matches, in which:
3247 unique CDR3
13 unique J



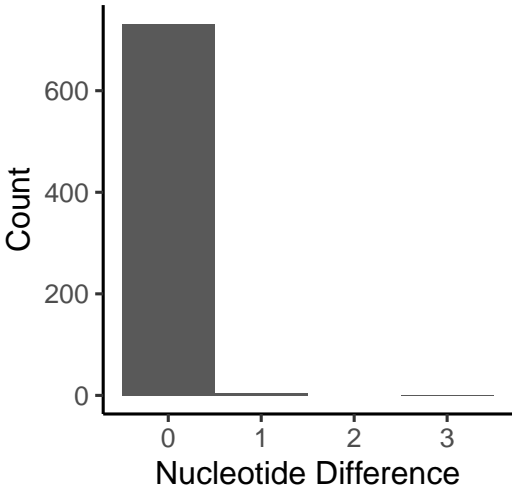
TRBV11-3*ap01

1580 sequences assigned
1573 (99.6%) exact matches, in which:
1561 unique CDR3
13 unique J



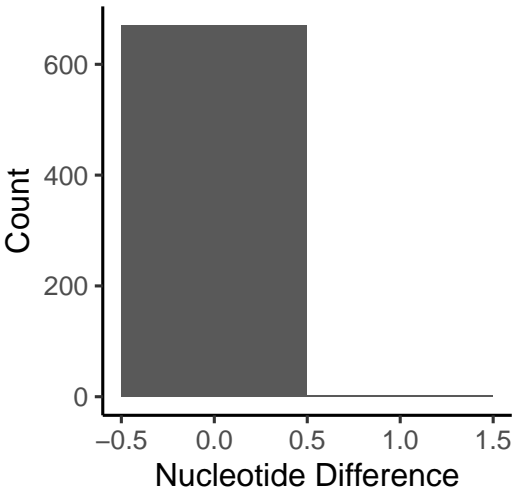
TRBV12-5*ap01

738 sequences assigned
732 (99.2%) exact matches, in which:
724 unique CDR3
13 unique J



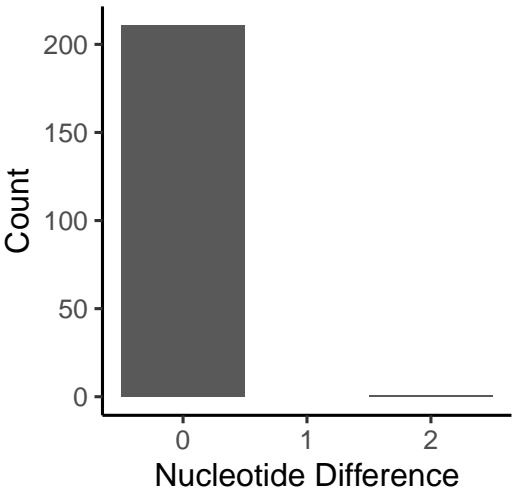
TRBV11-1*ap01

673 sequences assigned
671 (99.7%) exact matches, in which:
669 unique CDR3
12 unique J



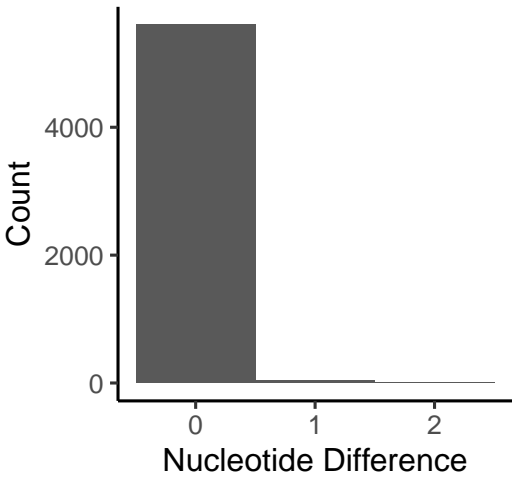
TRBV12-1*ap01

212 sequences assigned
211 (99.5%) exact matches, in which:
209 unique CDR3
13 unique J



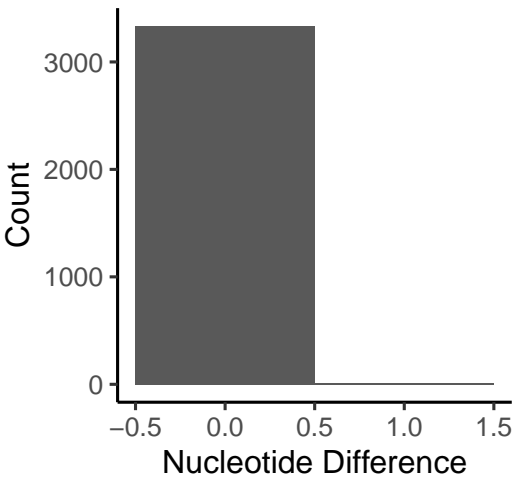
TRBV12-34*ap01

5650 sequences assigned
5604 (99.2%) exact matches, in which:
5492 unique CDR3
13 unique J



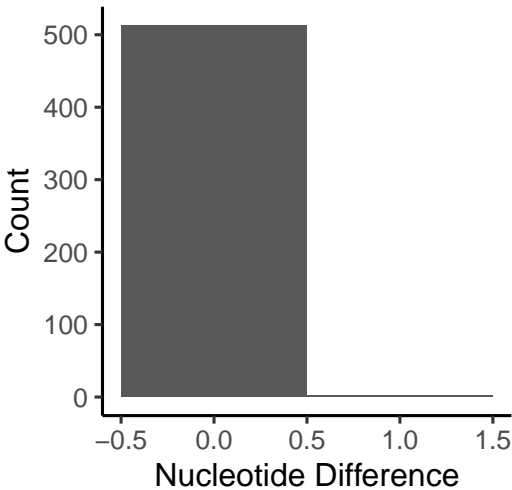
TRBV11-2*ap01

3345 sequences assigned
3334 (99.7%) exact matches, in which:
3310 unique CDR3
13 unique J



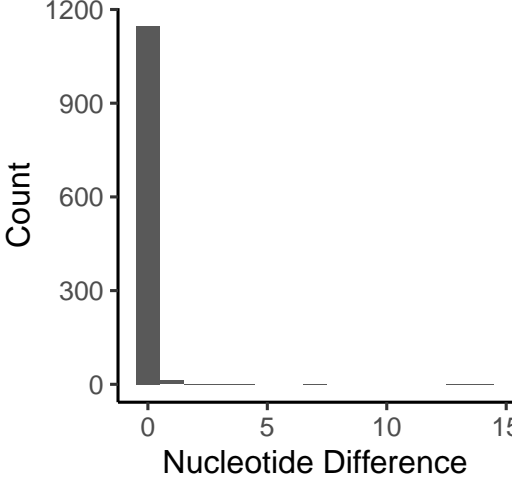
TRBV12-2*ap01

515 sequences assigned
513 (99.6%) exact matches, in which:
504 unique CDR3
13 unique J



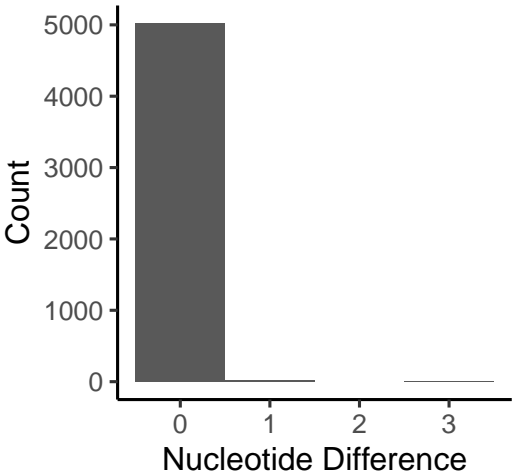
TRBV23-1*ap01

1165 sequences assigned
1147 (98.5%) exact matches, in which:
1131 unique CDR3
13 unique J



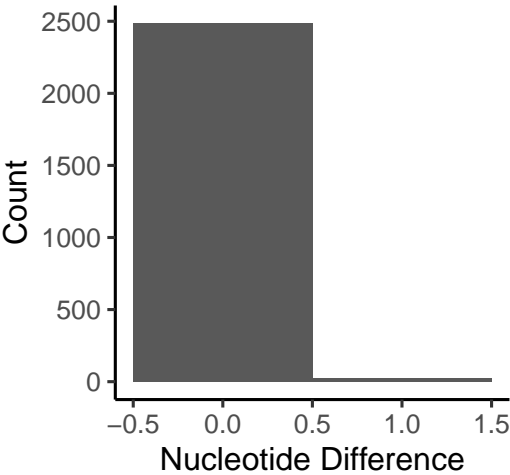
TRBV3-12*ap01

5045 sequences assigned
5020 (99.5%) exact matches, in which:
4969 unique CDR3
13 unique J



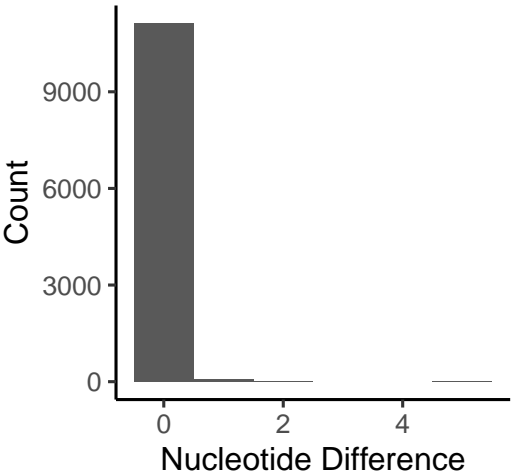
TRBV4-2*ap01

2507 sequences assigned
2485 (99.1%) exact matches, in which:
2422 unique CDR3
13 unique J



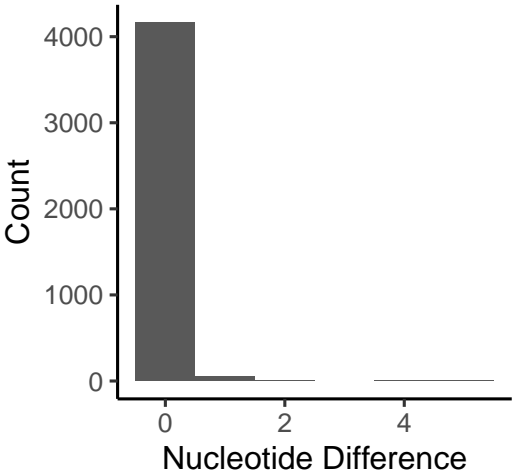
TRBV5-1*ap01

11212 sequences assigned
11123 (99.2%) exact matches, in which:
10849 unique CDR3
13 unique J



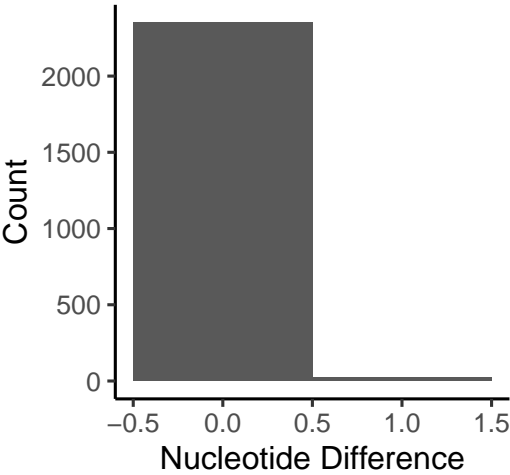
TRBV24-1*ap01

4216 sequences assigned
4162 (98.7%) exact matches, in which:
4078 unique CDR3
14 unique J



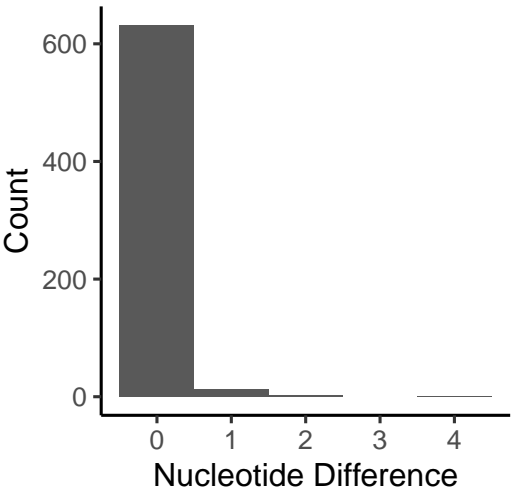
TRBV4-3*ap01

2372 sequences assigned
2350 (99.1%) exact matches, in which:
2292 unique CDR3
13 unique J



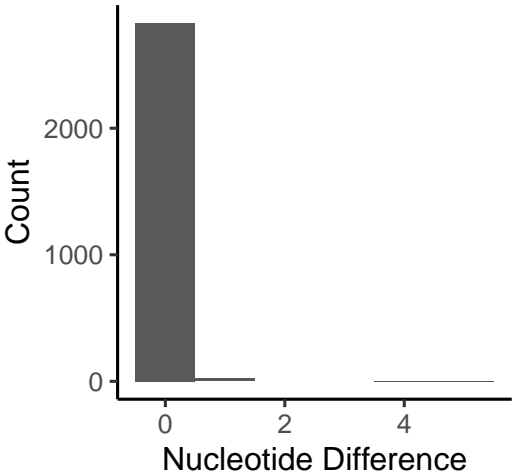
TRBV5-3*ap01

647 sequences assigned
632 (97.7%) exact matches, in which:
620 unique CDR3
13 unique J



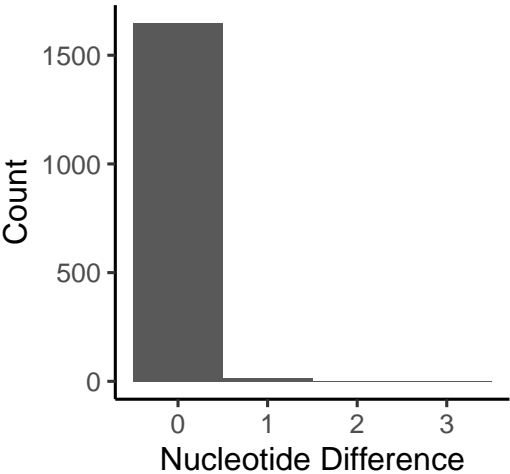
TRBV4-1*ap01

2854 sequences assigned
2831 (99.2%) exact matches, in which:
2759 unique CDR3
13 unique J



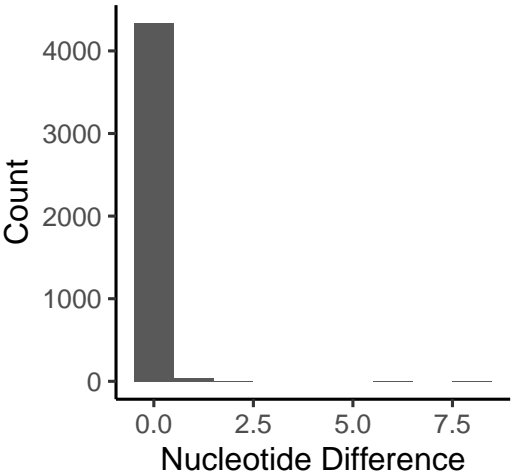
TRBV25-1*ap01

1666 sequences assigned
1648 (98.9%) exact matches, in which:
1599 unique CDR3
13 unique J



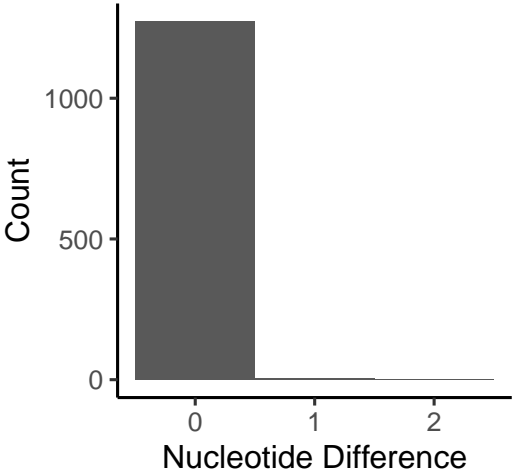
TRBV5-4*ap01

4387 sequences assigned
4337 (98.9%) exact matches, in which:
4227 unique CDR3
13 unique J



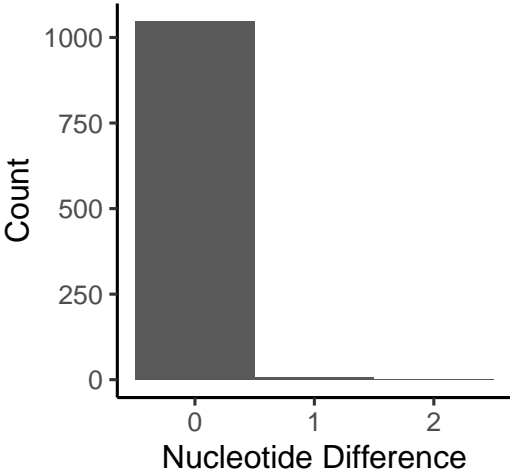
TRBV5-5*ap01

1280 sequences assigned
1273 (99.5%) exact matches, in which:
1268 unique CDR3
13 unique J



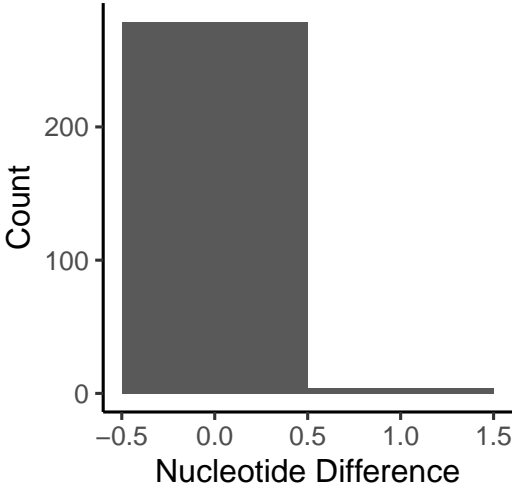
TRBV5-8*ap01

1054 sequences assigned
1047 (99.3%) exact matches, in which:
1026 unique CDR3
13 unique J



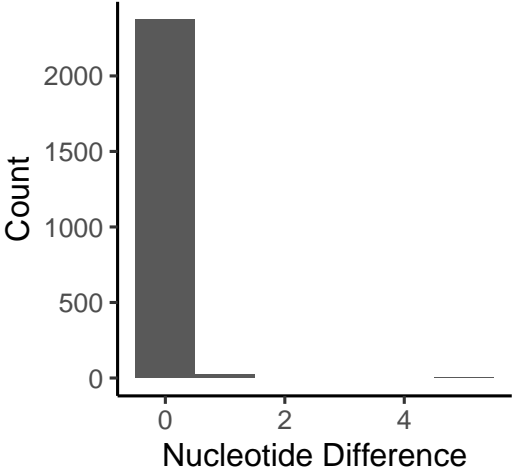
TRBV6-7*ap01

283 sequences assigned
279 (98.6%) exact matches, in which:
269 unique CDR3
13 unique J



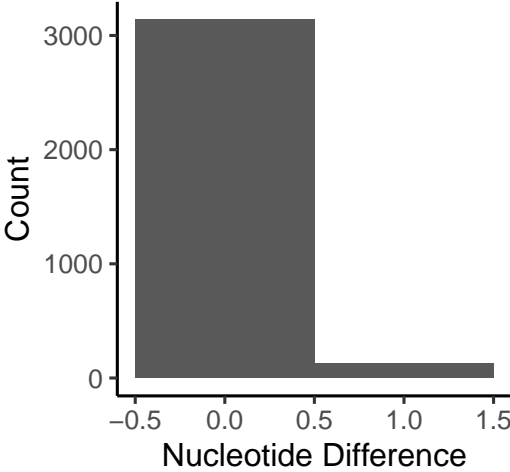
TRBV5-6*ap01

2399 sequences assigned
2372 (98.9%) exact matches, in which:
2297 unique CDR3
13 unique J



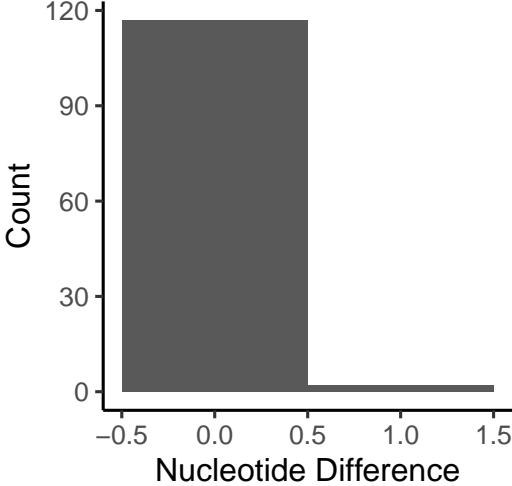
TRBV6-1*ap01

3268 sequences assigned
3138 (96%) exact matches, in which:
3057 unique CDR3
13 unique J



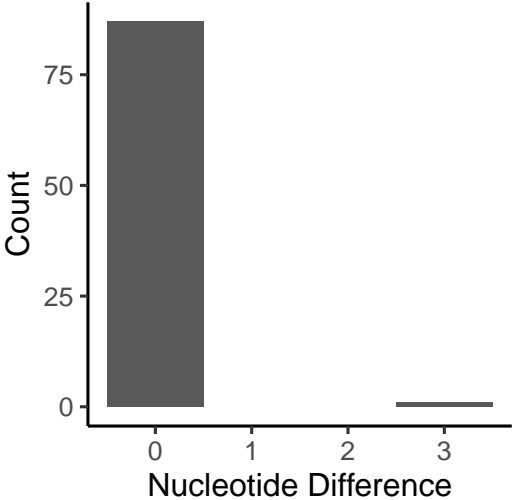
TRBV6-8*ap01

119 sequences assigned
117 (98.3%) exact matches, in which:
112 unique CDR3
13 unique J



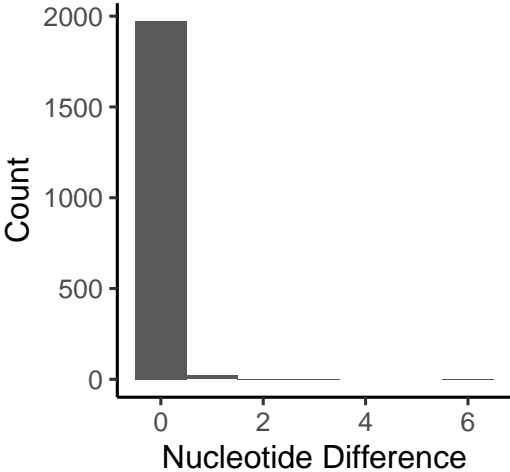
TRBV5-7*ap01

88 sequences assigned
87 (98.9%) exact matches, in which:
84 unique CDR3
12 unique J



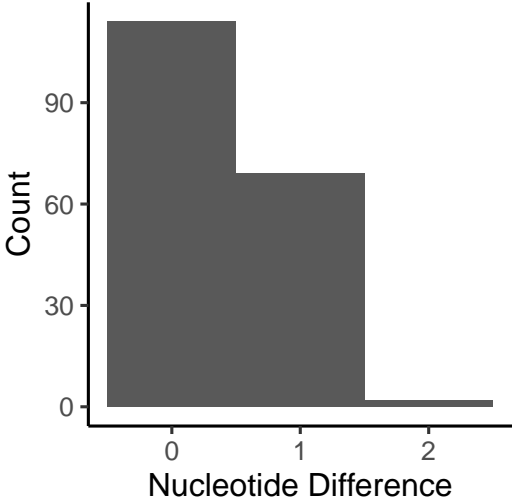
TRBV6-4*ap01

2000 sequences assigned
1973 (98.7%) exact matches, in which:
1938 unique CDR3
13 unique J



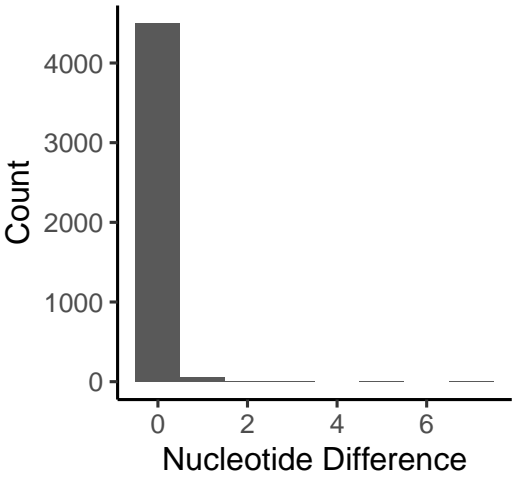
TRBV6-9*ap01

185 sequences assigned
114 (61.6%) exact matches, in which:
110 unique CDR3
11 unique J



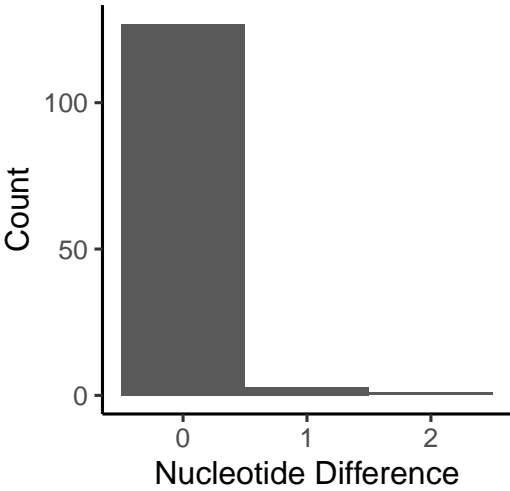
TRBV6-23*ap01

4554 sequences assigned
4497 (98.7%) exact matches, in which:
4355 unique CDR3
13 unique J



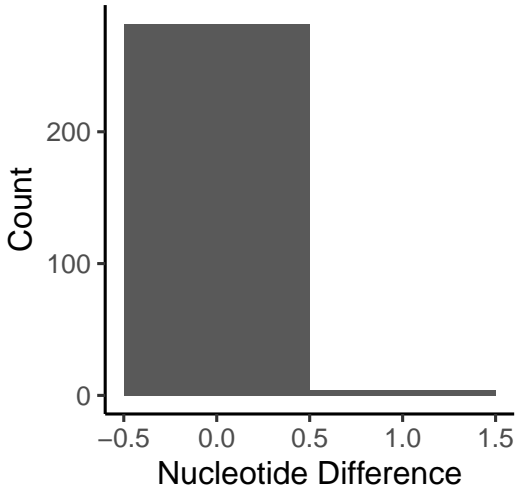
TRBV7-1*ap01_G291C_

131 sequences assigned
127 (96.9%) exact matches, in which:
127 unique CDR3
13 unique J



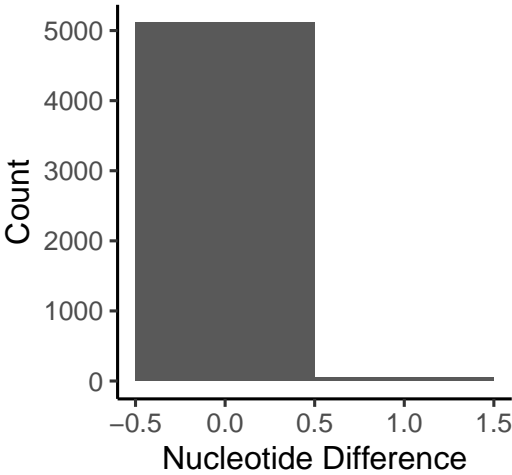
TRBV7-4*ap01

286 sequences assigned
282 (98.6%) exact matches, in which:
275 unique CDR3
13 unique J



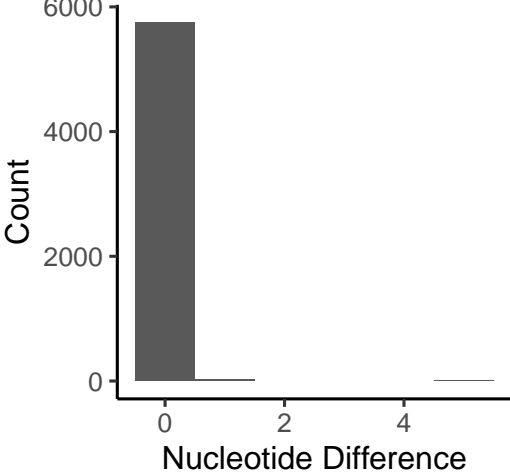
TRBV6-56*ap01

5162 sequences assigned
5112 (99%) exact matches, in which:
4969 unique CDR3
13 unique J



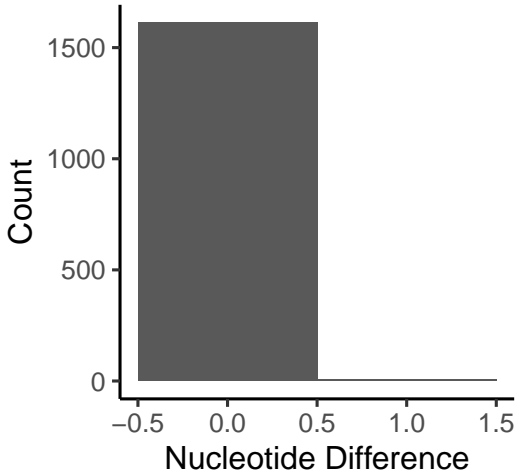
TRBV7-2*ap01

5772 sequences assigned
5746 (99.5%) exact matches, in which:
5654 unique CDR3
13 unique J



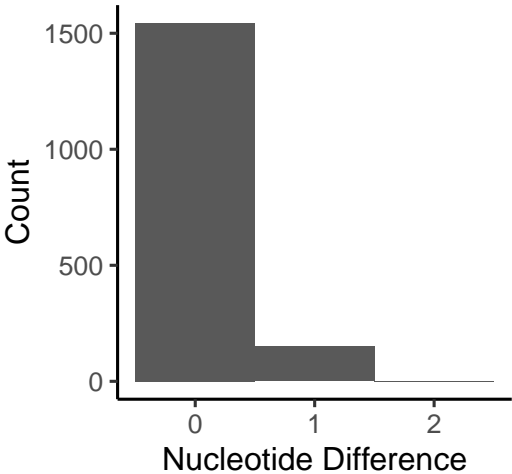
TRBV7-6*ap01

1619 sequences assigned
1612 (99.6%) exact matches, in which:
1577 unique CDR3
13 unique J



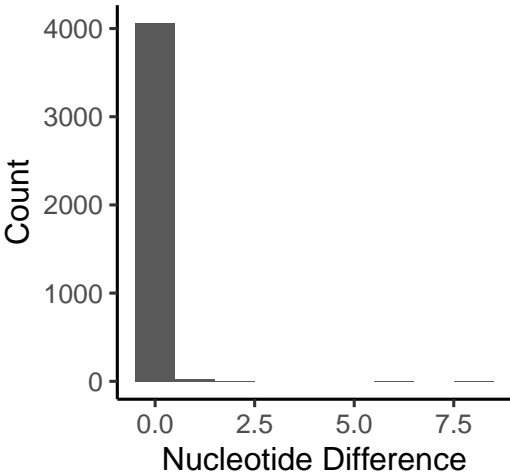
TRBV6-56*ap02

1695 sequences assigned
1544 (91.1%) exact matches, in which:
1502 unique CDR3
13 unique J



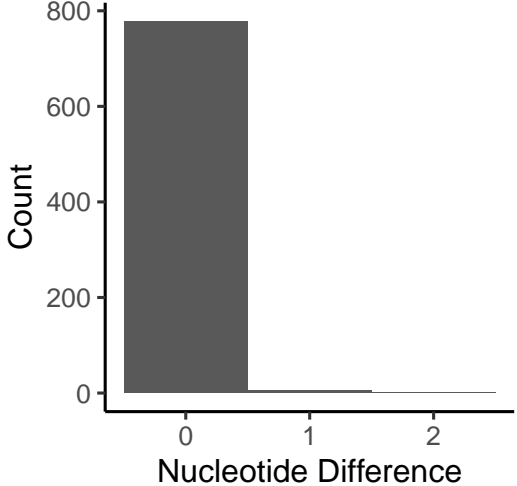
TRBV7-3*ap01

4091 sequences assigned
4062 (99.3%) exact matches, in which:
4010 unique CDR3
13 unique J



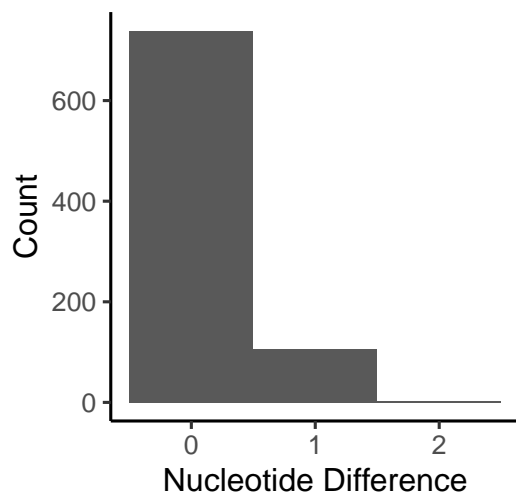
TRBV7-7*ap01_C315T

785 sequences assigned
778 (99.1%) exact matches, in which:
760 unique CDR3
13 unique J



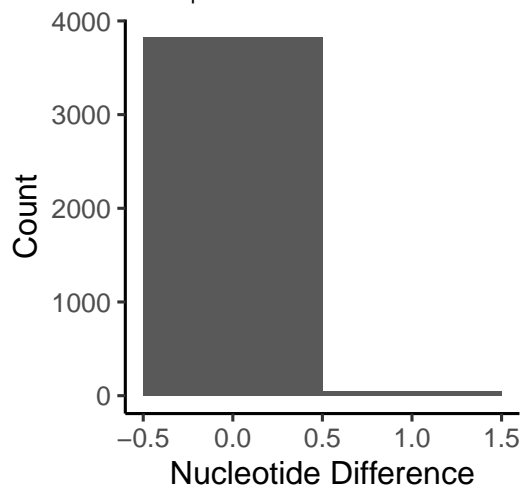
TRBV7-8*ap01

848 sequences assigned
739 (87.1%) exact matches, in which:
730 unique CDR3
13 unique J



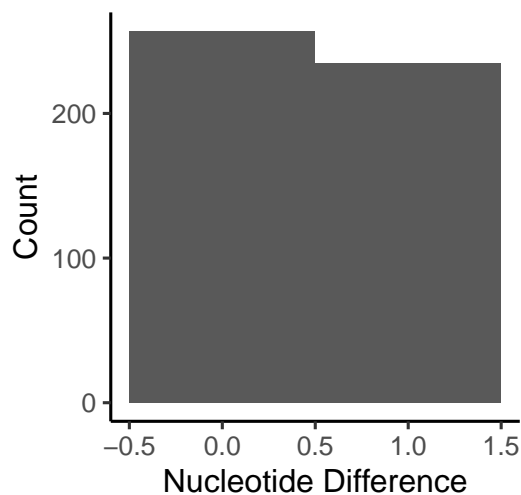
TRBV29-1*ap01

3876 sequences assigned
3824 (98.7%) exact matches, in which:
3697 unique CDR3
13 unique J



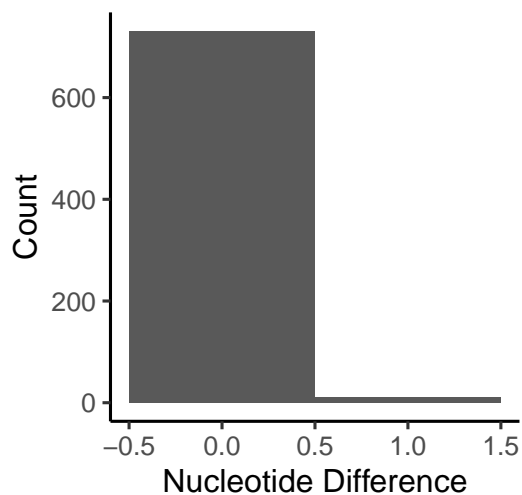
TRBV7-8*ap03

492 sequences assigned
257 (52.2%) exact matches, in which:
254 unique CDR3
13 unique J



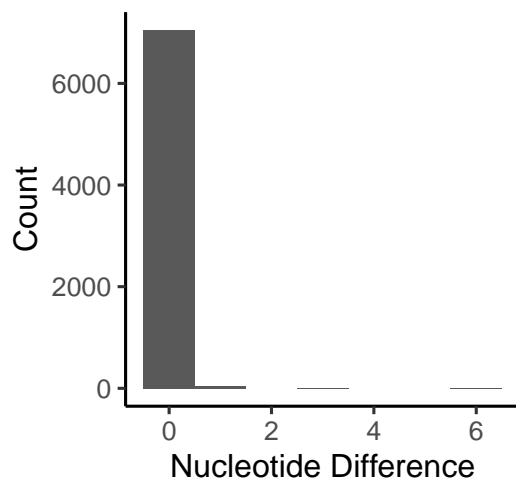
TRBV29-1*ap02

741 sequences assigned
731 (98.7%) exact matches, in which:
710 unique CDR3
13 unique J

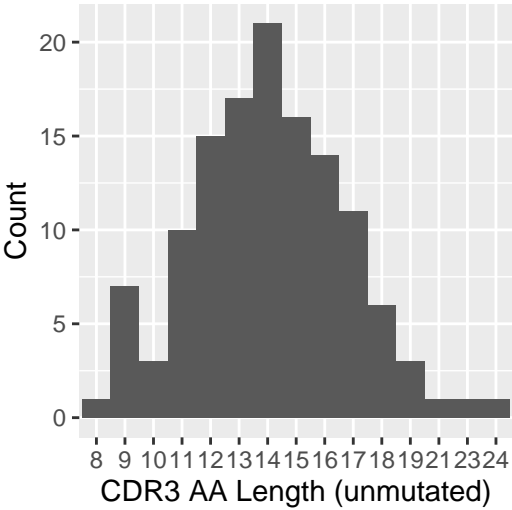


TRBV7-9*ap01

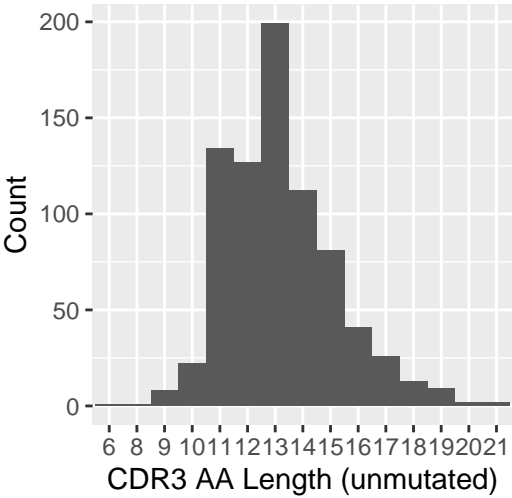
7097 sequences assigned
7050 (99.3%) exact matches, in which:
6945 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.