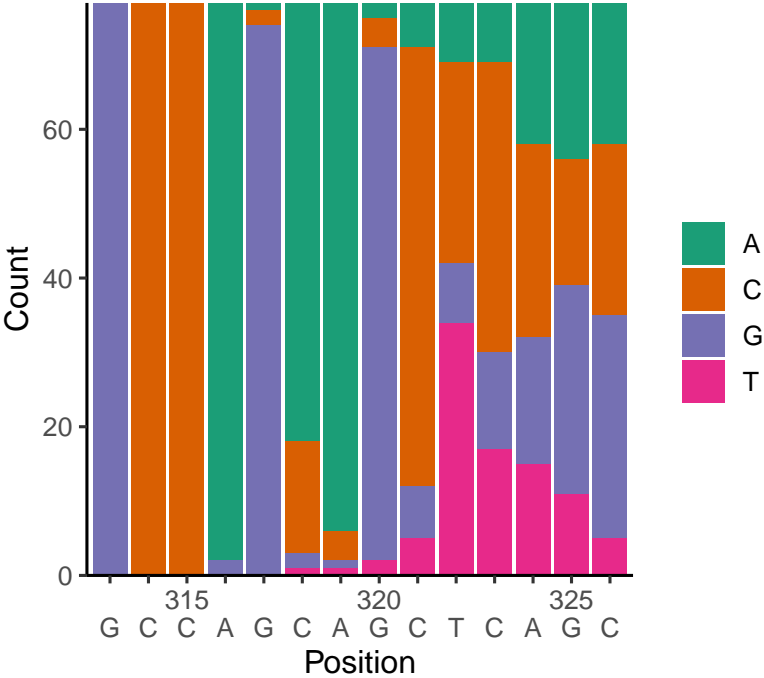
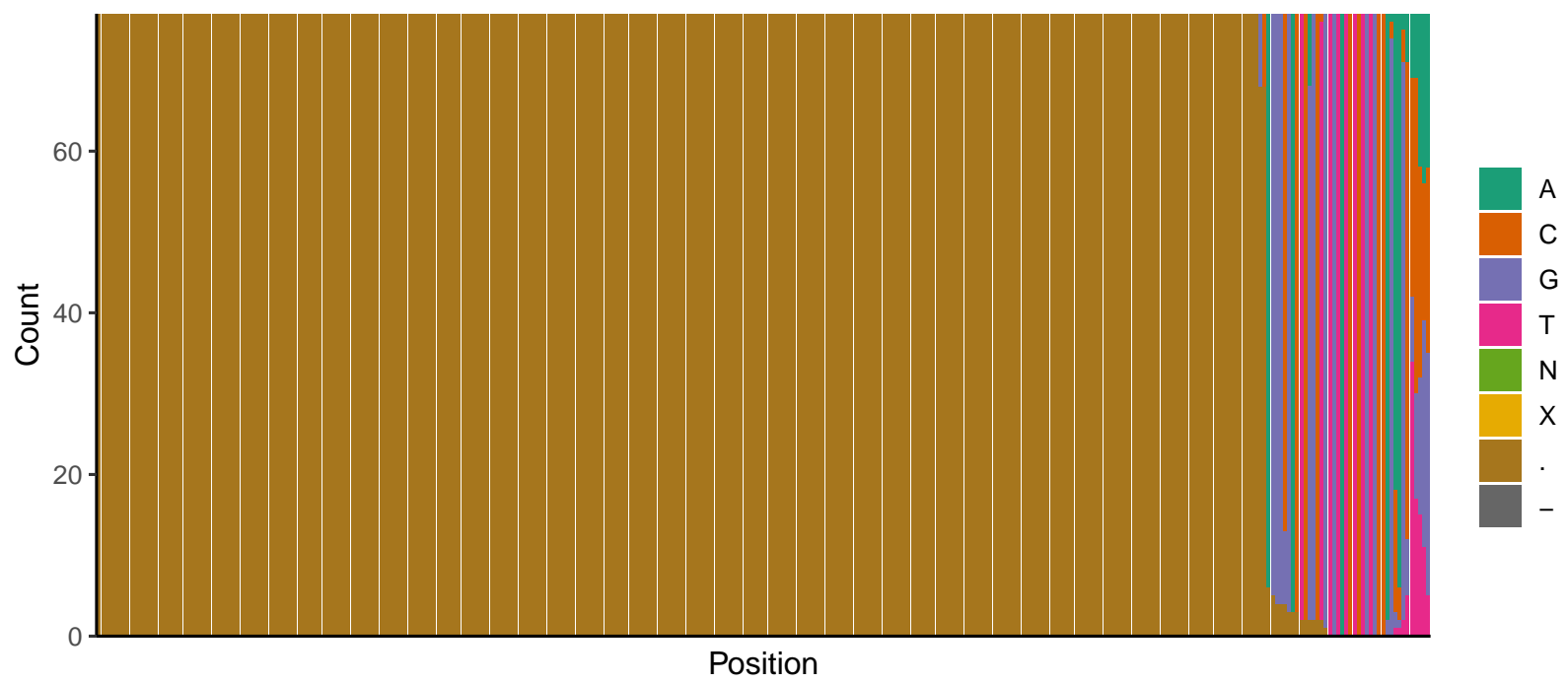


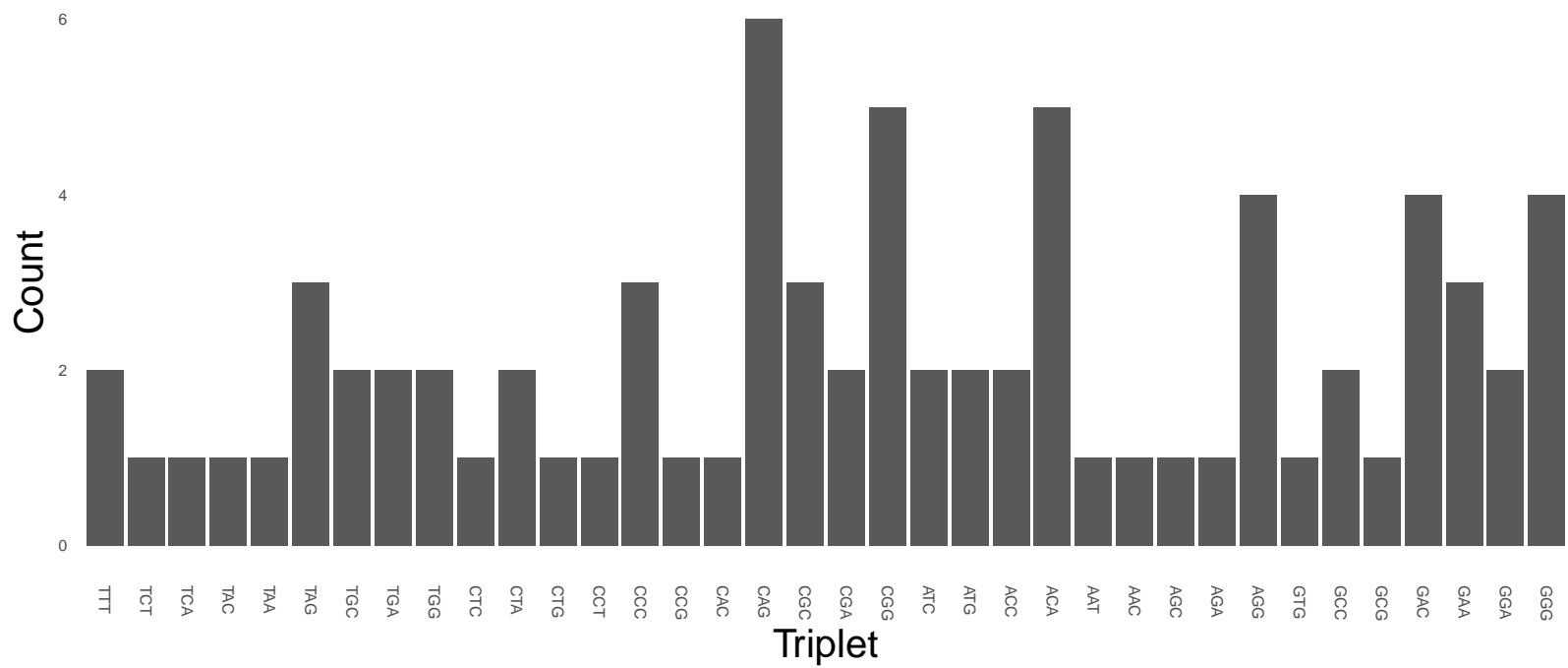
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C

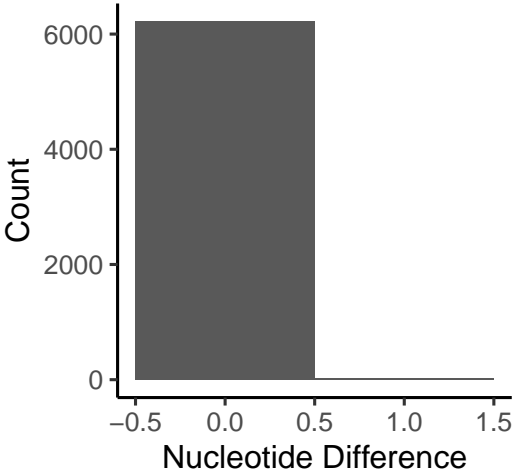


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



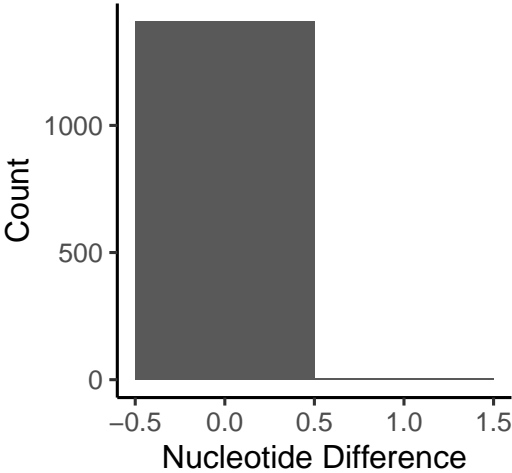
TRBV20-1*ap01

6253 sequences assigned
6220 (99.5%) exact matches, in which:
6196 unique CDR3
13 unique J



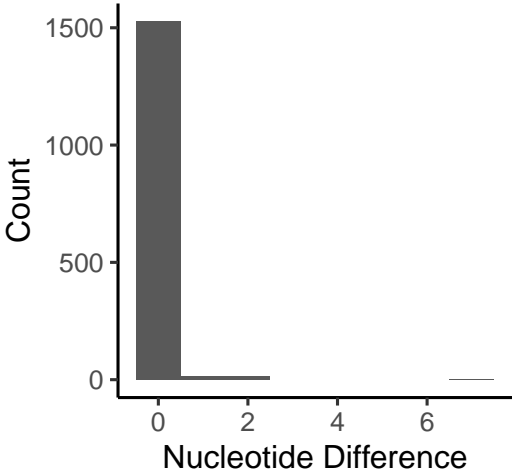
TRBV10-2*ap01

1413 sequences assigned
1409 (99.7%) exact matches, in which:
1405 unique CDR3
13 unique J



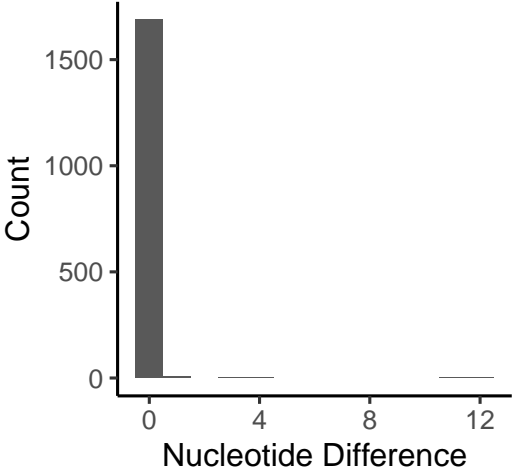
TRBV13*ap01

1562 sequences assigned
1527 (97.8%) exact matches, in which:
1514 unique CDR3
13 unique J



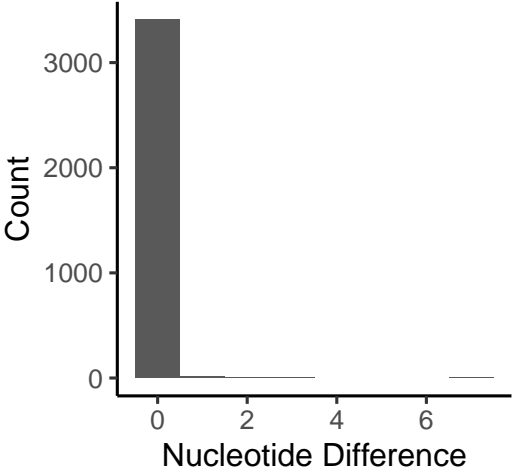
TRBV10-1*ap01

1702 sequences assigned
1688 (99.2%) exact matches, in which:
1681 unique CDR3
13 unique J



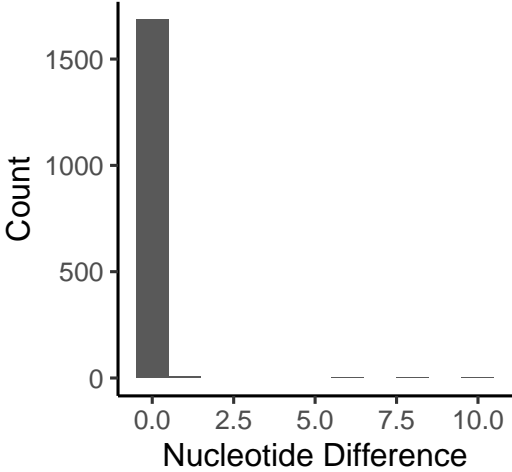
TRBV10-3*ap01

3432 sequences assigned
3408 (99.3%) exact matches, in which:
3392 unique CDR3
13 unique J



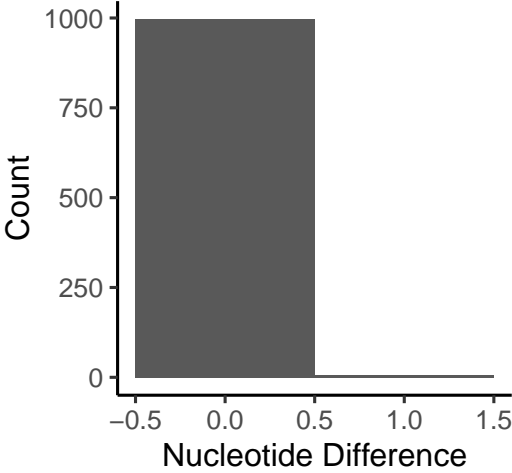
TRBV14*ap01

1697 sequences assigned
1685 (99.3%) exact matches, in which:
1679 unique CDR3
13 unique J



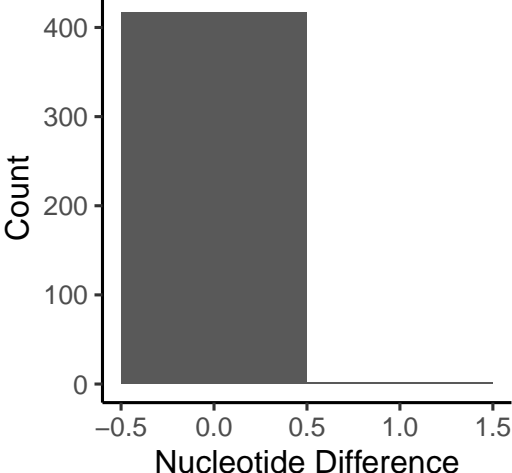
TRBV20-1*ap02

1003 sequences assigned
997 (99.4%) exact matches, in which:
992 unique CDR3
13 unique J



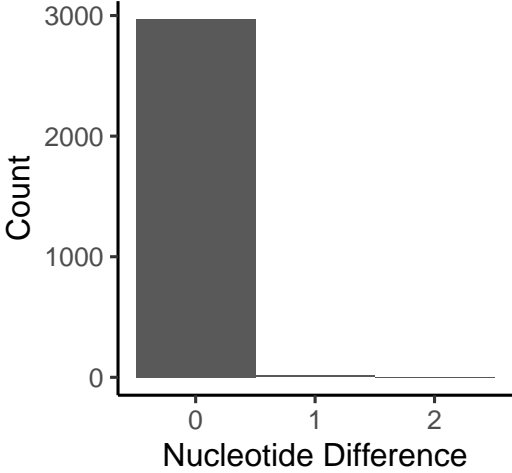
TRBV1*ap01

419 sequences assigned
417 (99.5%) exact matches, in which:
413 unique CDR3
14 unique J



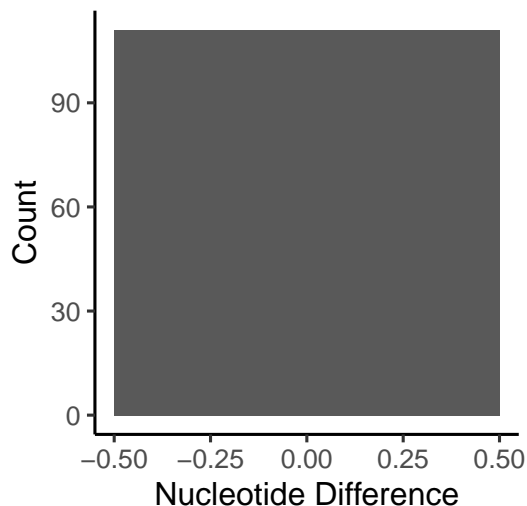
TRBV15*ap02

2987 sequences assigned
2971 (99.5%) exact matches, in which:
2958 unique CDR3
13 unique J



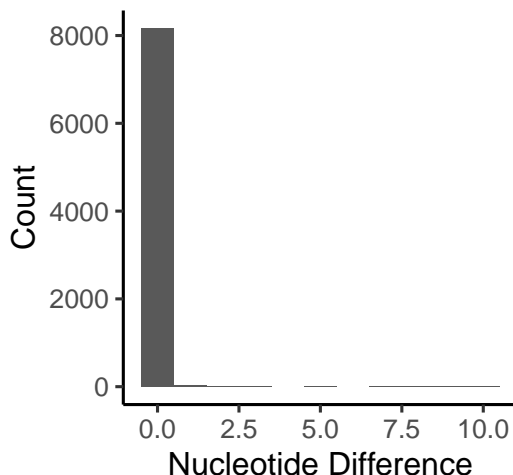
TRBV16*ap01

111 sequences assigned
111 (100%) exact matches, in which:
111 unique CDR3
12 unique J



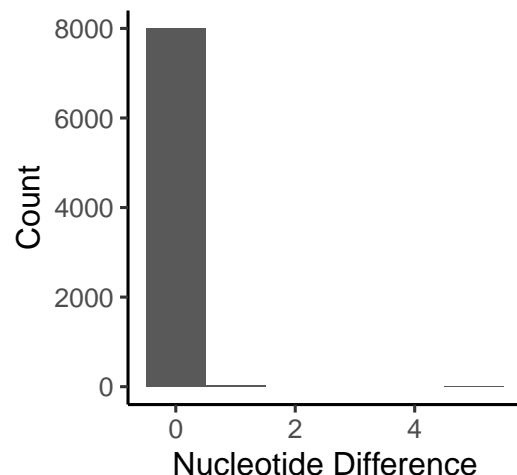
TRBV19*ap01

8205 sequences assigned
8162 (99.5%) exact matches, in which:
8149 unique CDR3
13 unique J



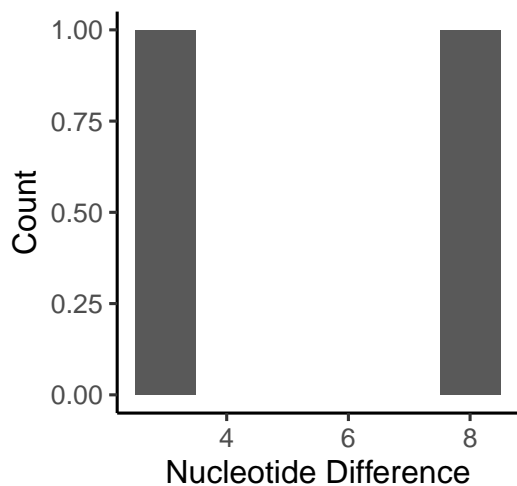
TRBV28*ap01

8032 sequences assigned
8000 (99.6%) exact matches, in which:
7978 unique CDR3
13 unique J



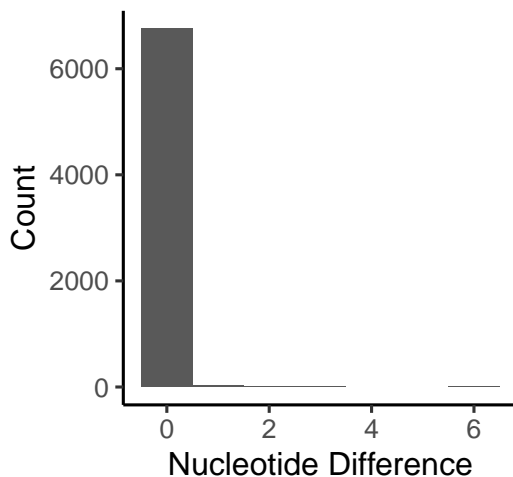
TRBV17*ap01

2 sequences assigned
No exact matches.



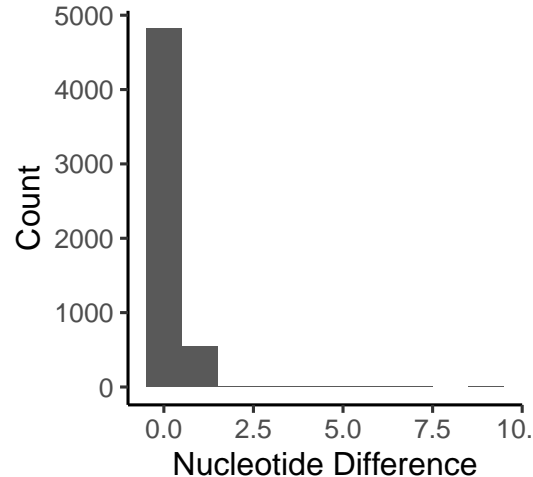
TRBV2*ap01

6791 sequences assigned
6754 (99.5%) exact matches, in which:
6718 unique CDR3
13 unique J



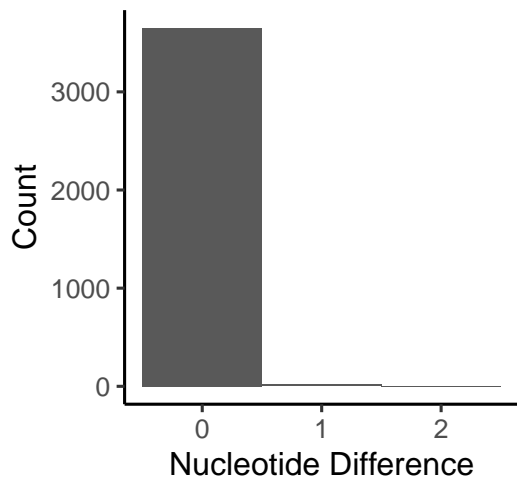
TRBV30*ap01

5380 sequences assigned
4818 (89.6%) exact matches, in which:
4748 unique CDR3
13 unique J



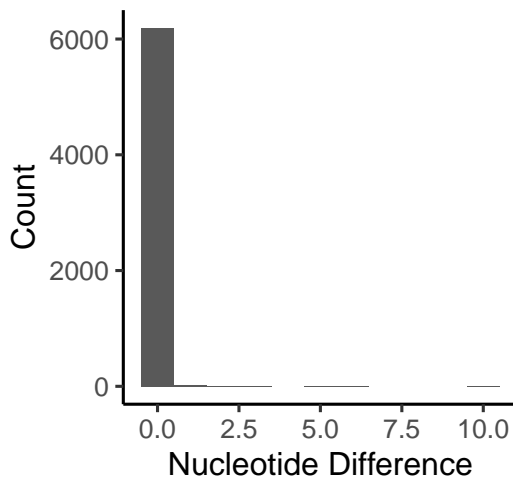
TRBV18*ap01

3671 sequences assigned
3650 (99.4%) exact matches, in which:
3643 unique CDR3
13 unique J



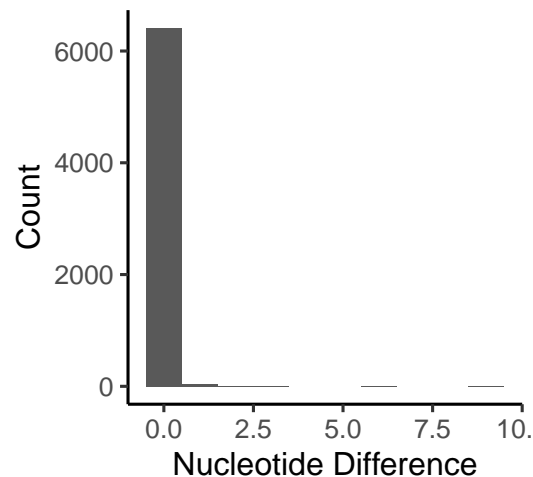
TRBV27*ap01

6223 sequences assigned
6190 (99.5%) exact matches, in which:
6160 unique CDR3
13 unique J



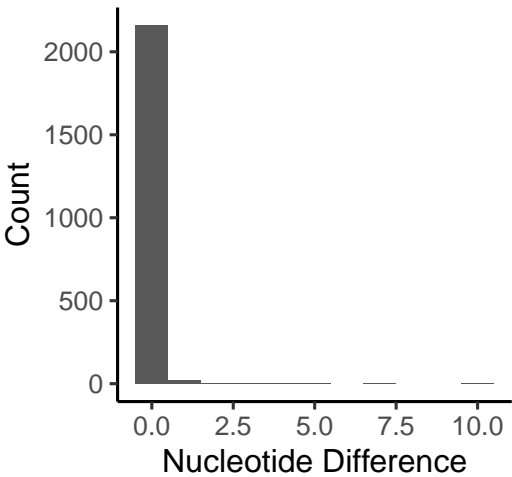
TRBV9*ap01

6458 sequences assigned
6411 (99.3%) exact matches, in which:
6393 unique CDR3
13 unique J



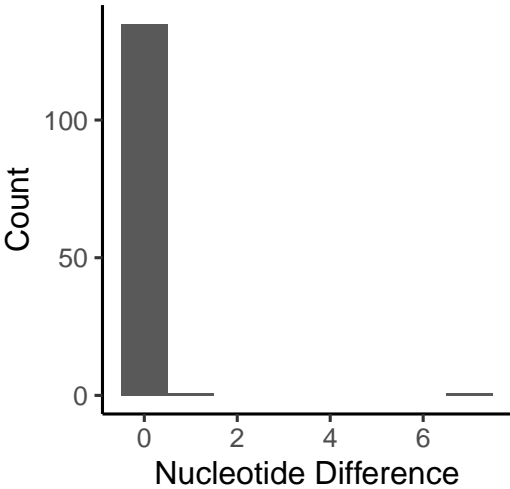
TRBV21-1*ap01

2194 sequences assigned
2159 (98.4%) exact matches, in which:
2154 unique CDR3
13 unique J



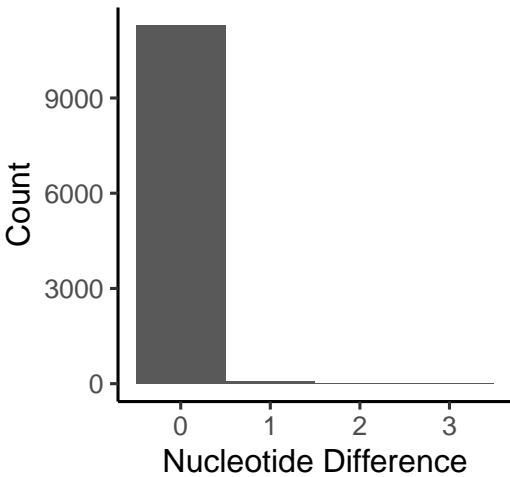
TRBV12-1*ap01

137 sequences assigned
135 (98.5%) exact matches, in which:
134 unique CDR3
13 unique J



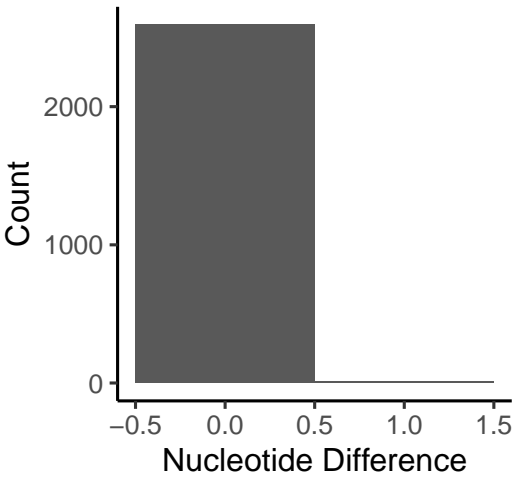
TRBV12-34*ap01

11363 sequences assigned
11287 (99.3%) exact matches, in which:
11228 unique CDR3
13 unique J



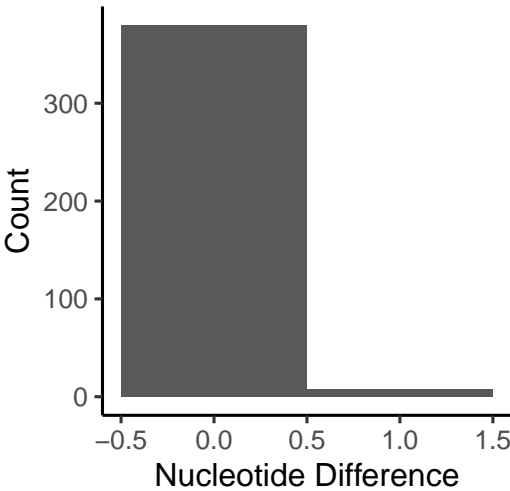
TRBV11-2*ap01

2604 sequences assigned
2593 (99.6%) exact matches, in which:
2587 unique CDR3
13 unique J



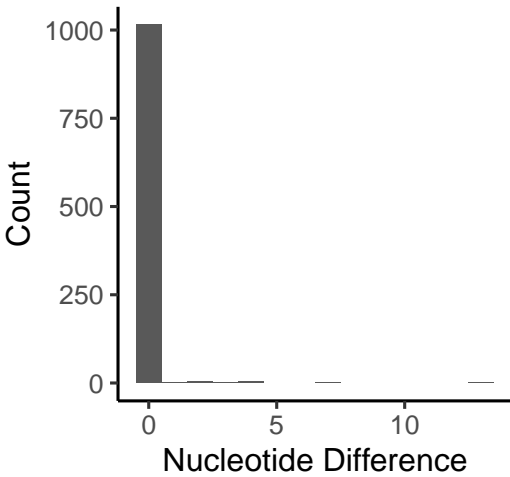
TRBV12-2*ap01

388 sequences assigned
380 (97.9%) exact matches, in which:
377 unique CDR3
13 unique J



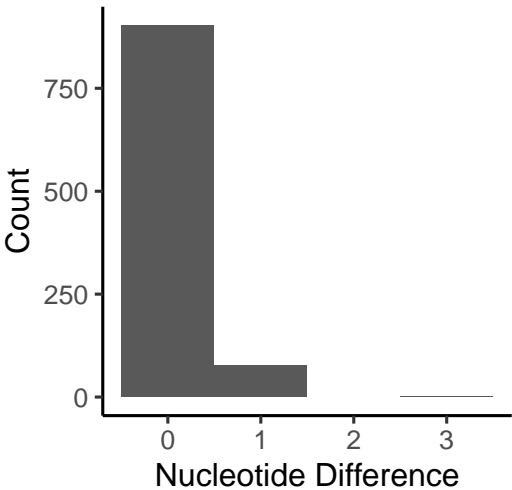
TRBV23-1*ap01

1025 sequences assigned
1015 (99%) exact matches, in which:
1007 unique CDR3
13 unique J



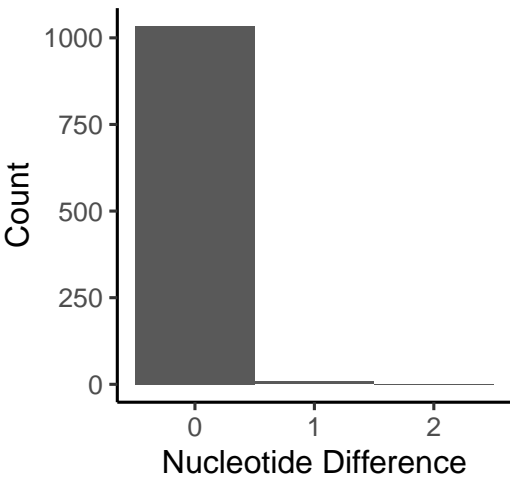
TRBV11-3*ap01

980 sequences assigned
903 (92.1%) exact matches, in which:
899 unique CDR3
13 unique J



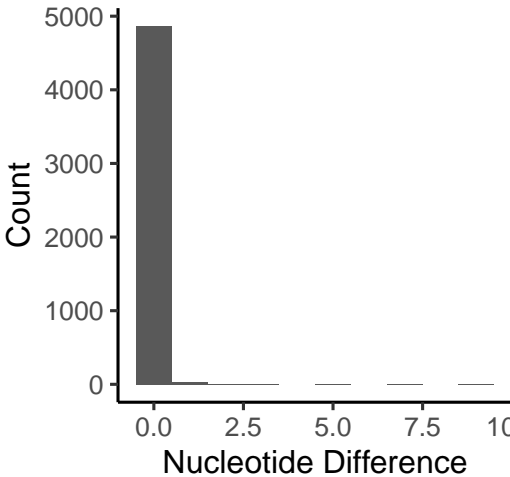
TRBV12-5*ap01

1043 sequences assigned
1034 (99.1%) exact matches, in which:
1027 unique CDR3
13 unique J



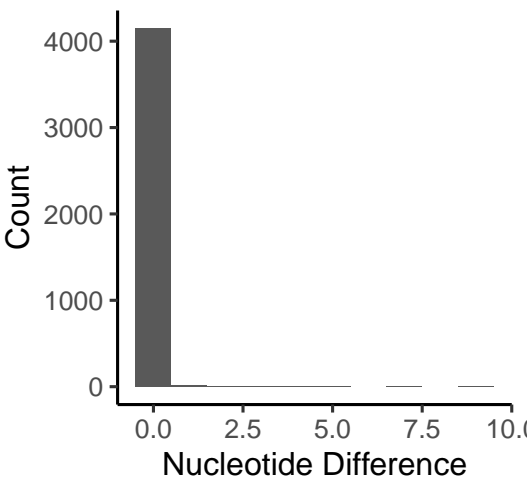
TRBV3-12*ap01

4905 sequences assigned
4866 (99.2%) exact matches, in which:
4854 unique CDR3
13 unique J



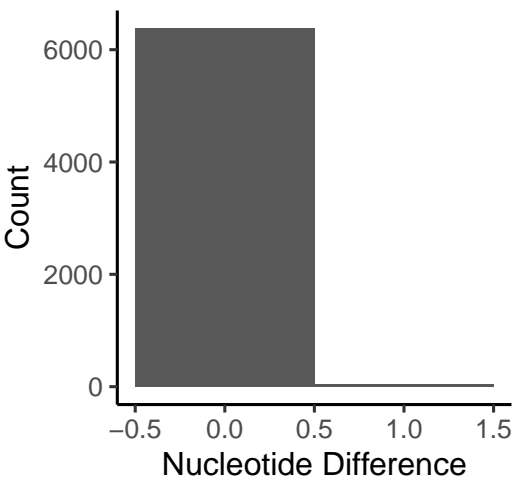
TRBV24-1*ap01

4181 sequences assigned
4148 (99.2%) exact matches, in which:
4118 unique CDR3
13 unique J



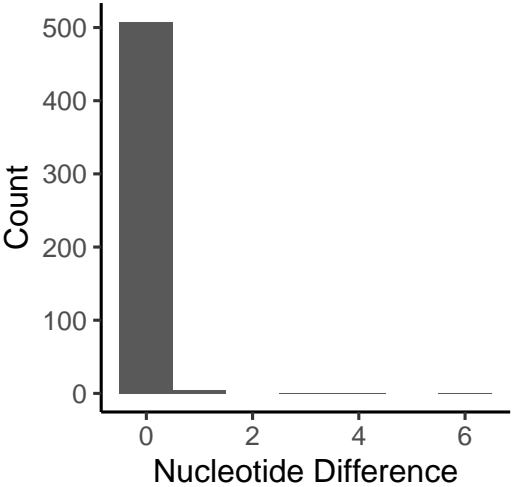
TRBV4-3*ap01

6419 sequences assigned
6379 (99.4%) exact matches, in which:
6341 unique CDR3
13 unique J



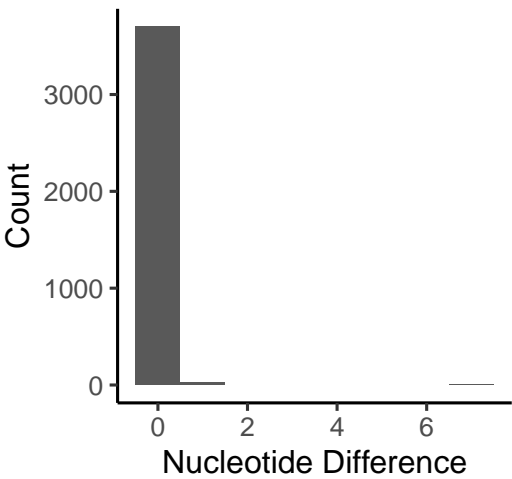
TRBV5-3*ap01

516 sequences assigned
508 (98.4%) exact matches, in which:
504 unique CDR3
13 unique J



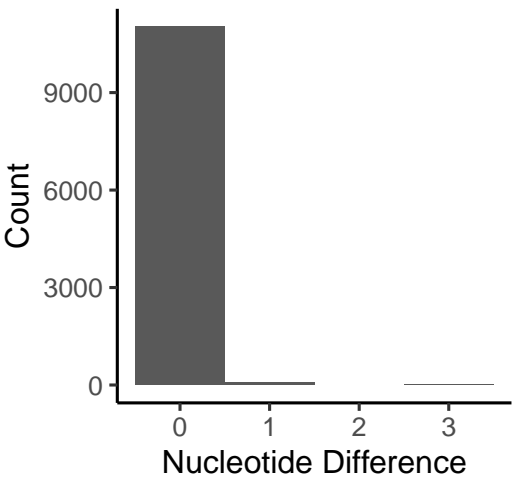
TRBV4-1*ap01

3725 sequences assigned
3700 (99.3%) exact matches, in which:
3675 unique CDR3
13 unique J



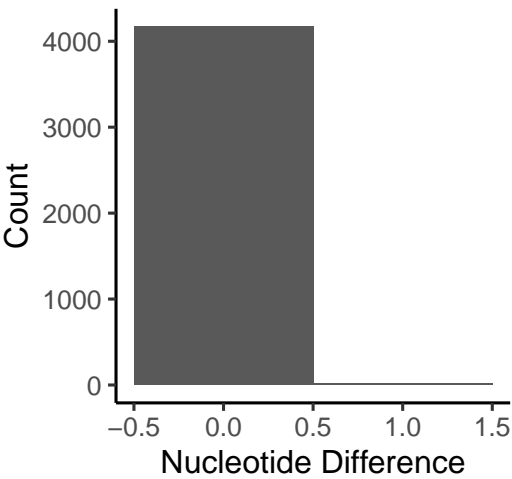
TRBV5-1*ap01

11102 sequences assigned
11027 (99.3%) exact matches, in which:
10968 unique CDR3
13 unique J



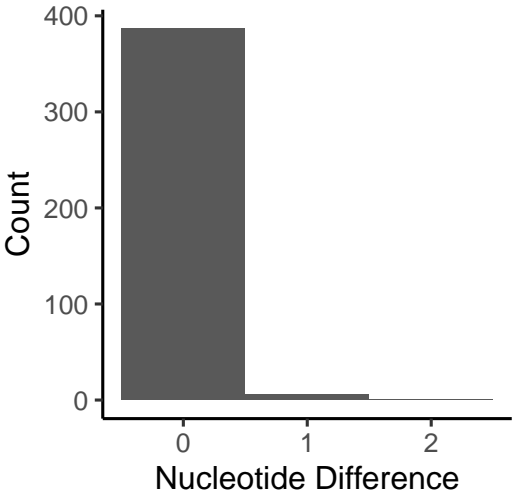
TRBV5-4*ap01

4192 sequences assigned
4169 (99.5%) exact matches, in which:
4146 unique CDR3
13 unique J



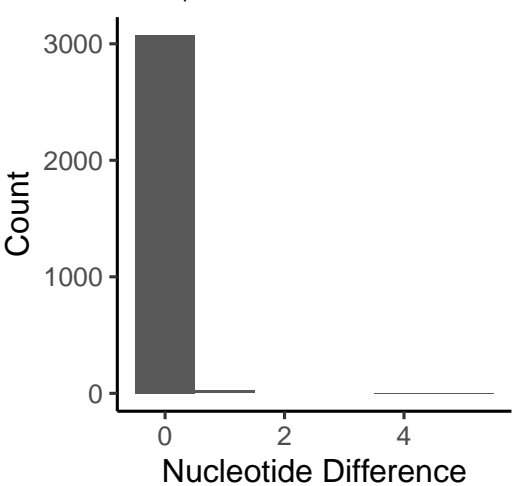
TRBV4-2*ap01

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



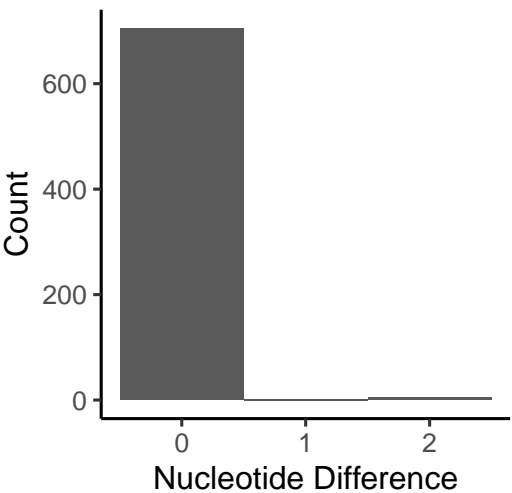
TRBV25-1*ap01

3100 sequences assigned
3075 (99.2%) exact matches, in which:
3050 unique CDR3
13 unique J



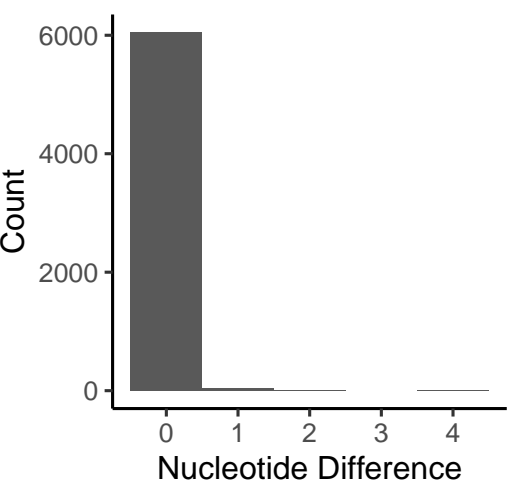
TRBV5-5*ap01

712 sequences assigned
705 (99%) exact matches, in which:
703 unique CDR3
13 unique J



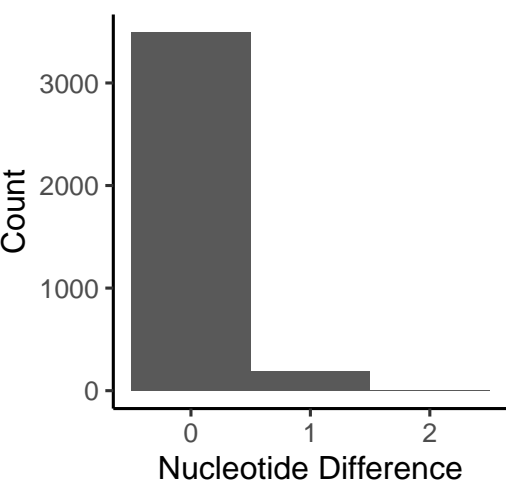
TRBV5-6*ap01

6095 sequences assigned
6048 (99.2%) exact matches, in which:
5999 unique CDR3
13 unique J



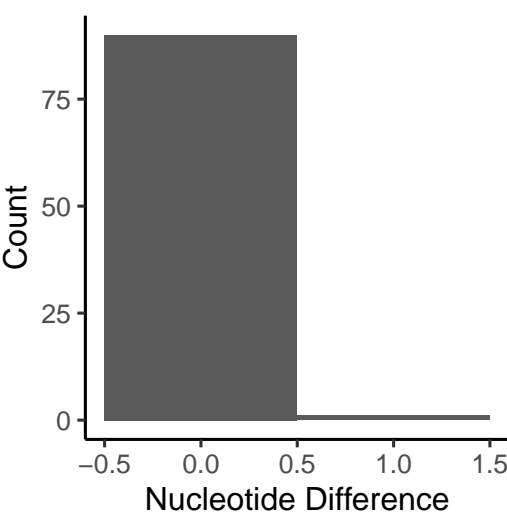
TRBV6-1*ap01

3685 sequences assigned
3493 (94.8%) exact matches, in which:
3466 unique CDR3
13 unique J



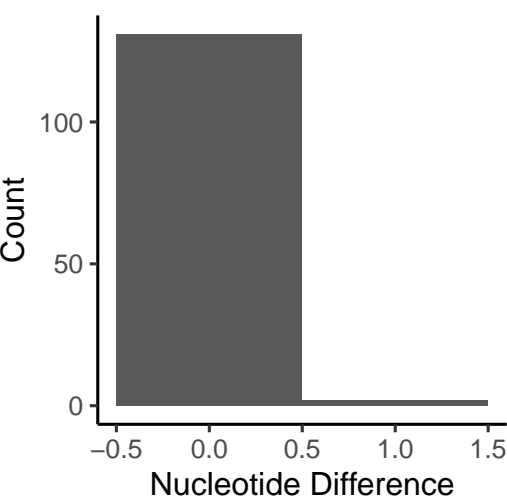
TRBV6-8*ap01

91 sequences assigned
90 (98.9%) exact matches, in which:
90 unique CDR3
12 unique J



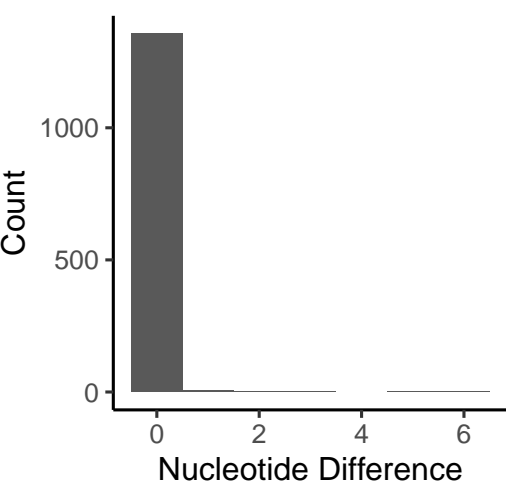
TRBV5-7*ap01

133 sequences assigned
131 (98.5%) exact matches, in which:
129 unique CDR3
13 unique J



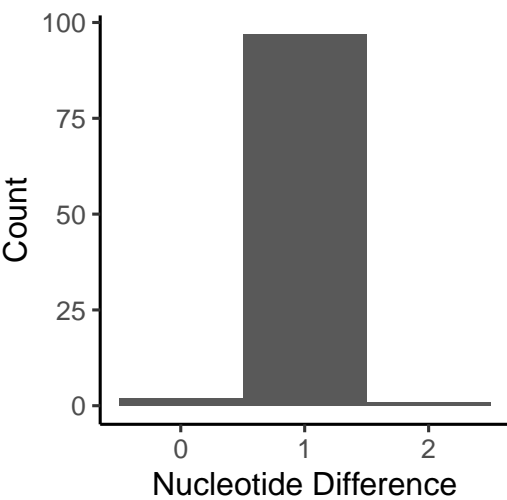
TRBV6-4*ap01

1369 sequences assigned
1356 (99.1%) exact matches, in which:
1351 unique CDR3
13 unique J



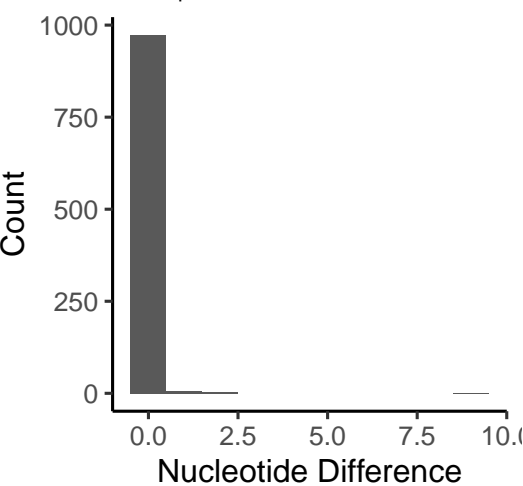
TRBV6-9*ap01

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



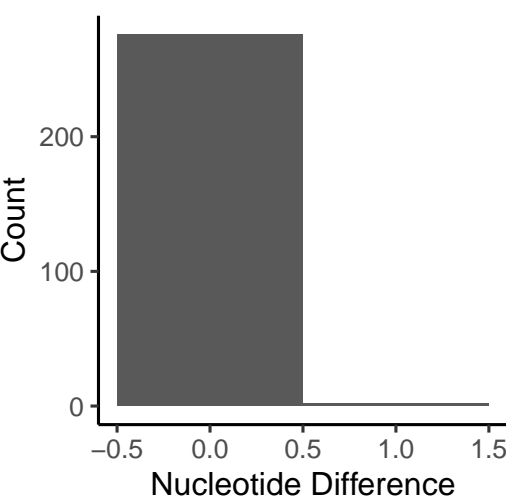
TRBV5-8*ap01

985 sequences assigned
973 (98.8%) exact matches, in which:
969 unique CDR3
13 unique J



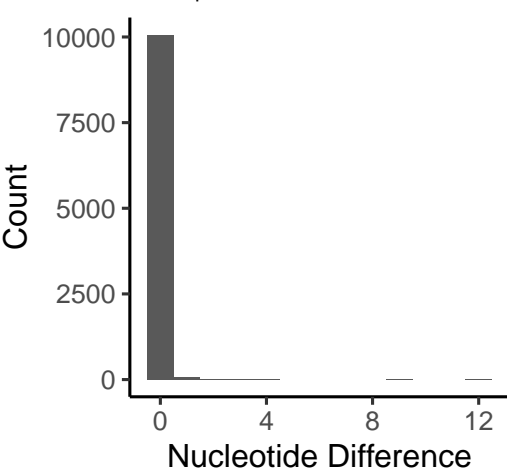
TRBV6-7*ap01

278 sequences assigned
276 (99.3%) exact matches, in which:
273 unique CDR3
13 unique J



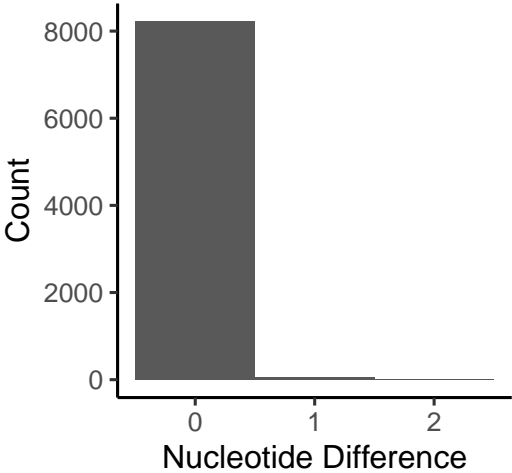
TRBV6-23*ap01

10155 sequences assigned
10064 (99.1%) exact matches, in which:
9959 unique CDR3
13 unique J



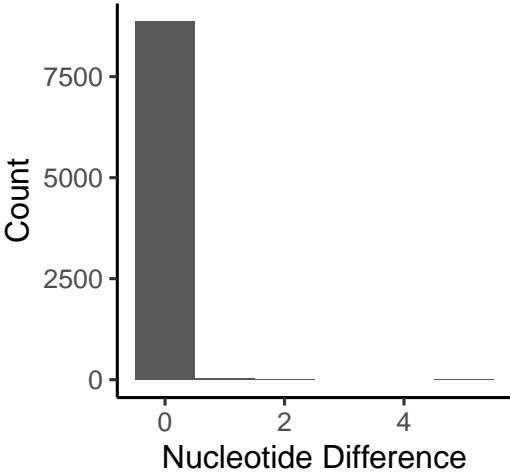
TRBV6-56*ap01

8271 sequences assigned
8222 (99.4%) exact matches, in which:
8149 unique CDR3
13 unique J



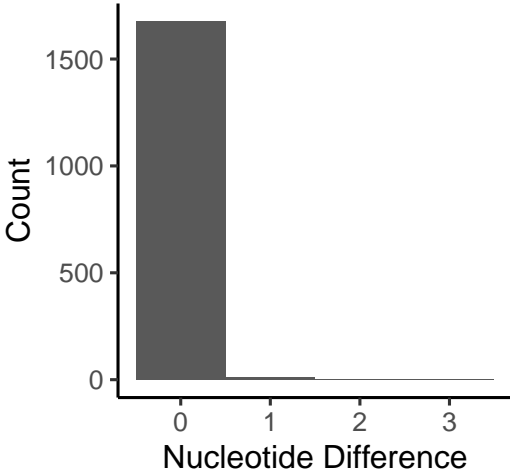
TRBV7-2*ap01

8903 sequences assigned
8868 (99.6%) exact matches, in which:
8838 unique CDR3
13 unique J



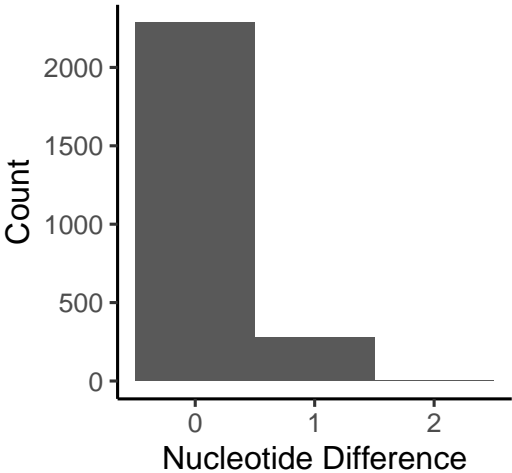
TRBV7-6*ap01

1689 sequences assigned
1676 (99.2%) exact matches, in which:
1669 unique CDR3
13 unique J



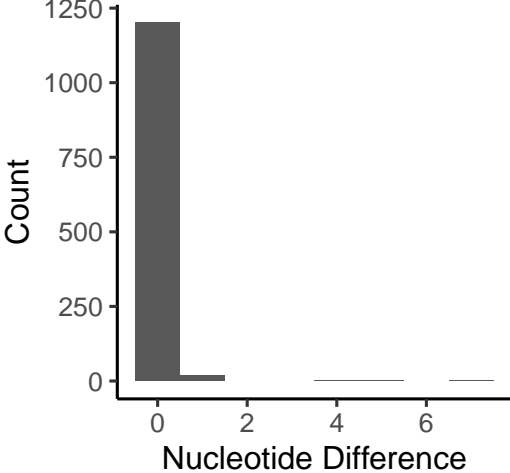
TRBV6-56*ap02

2566 sequences assigned
2285 (89%) exact matches, in which:
2266 unique CDR3
13 unique J



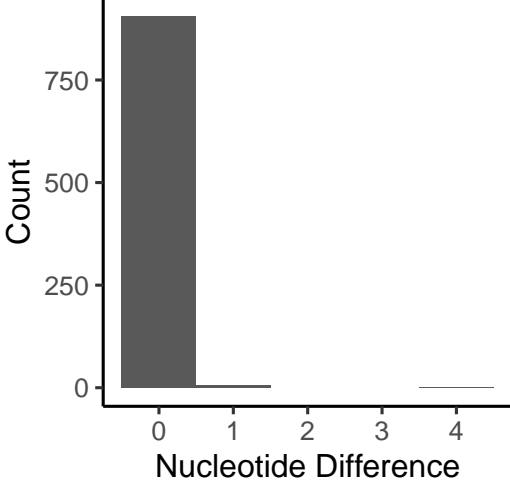
TRBV7-3*ap02

1223 sequences assigned
1201 (98.2%) exact matches, in which:
1197 unique CDR3
13 unique J



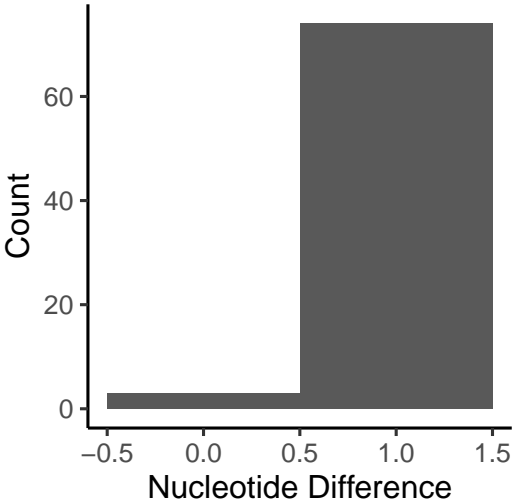
TRBV7-7*ap01

912 sequences assigned
906 (99.3%) exact matches, in which:
900 unique CDR3
13 unique J



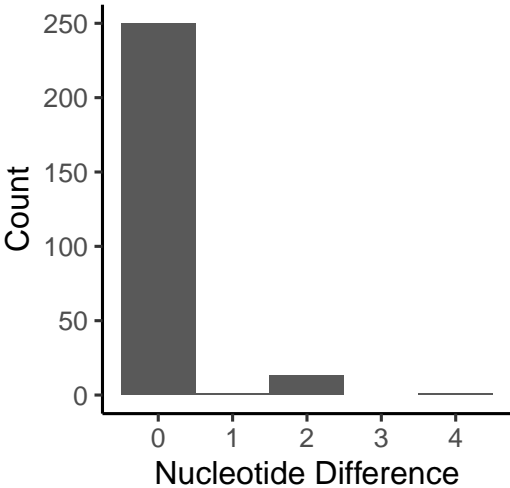
TRBV7-1*ap01_T296C

77 sequences assigned
3 (3.9%) exact matches, in which:
3 unique CDR3
3 unique J



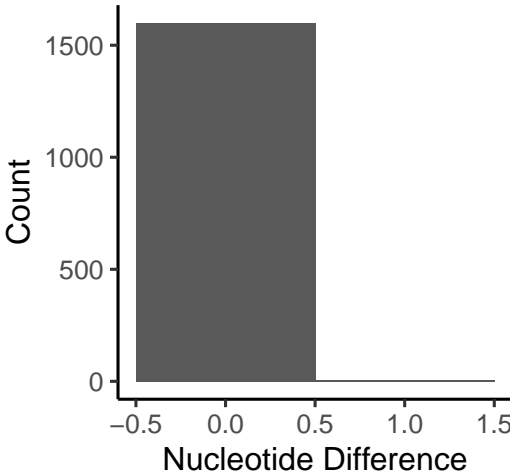
TRBV7-4*ap01

265 sequences assigned
250 (94.3%) exact matches, in which:
250 unique CDR3
13 unique J



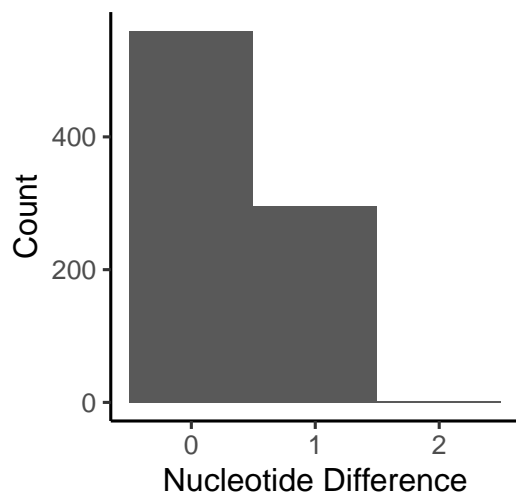
TRBV7-8*ap01

1605 sequences assigned
1599 (99.6%) exact matches, in which:
1594 unique CDR3
13 unique J



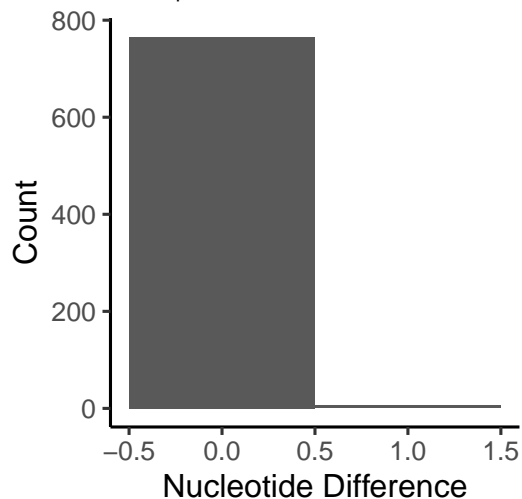
TRBV7-8*ap03

858 sequences assigned
560 (65.3%) exact matches, in which:
555 unique CDR3
13 unique J



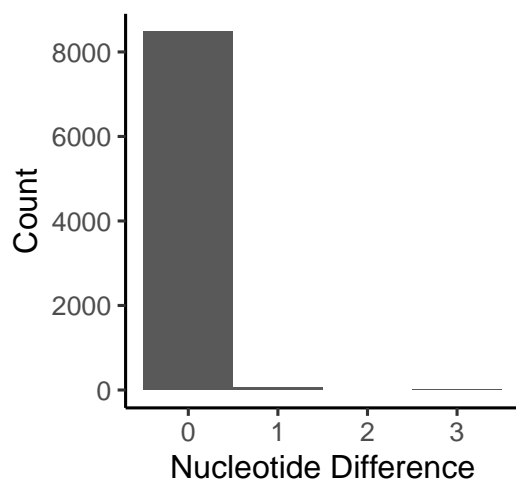
TRBV29-1*ap02

772 sequences assigned
766 (99.2%) exact matches, in which:
753 unique CDR3
13 unique J



TRBV7-9*ap01

8533 sequences assigned
8478 (99.4%) exact matches, in which:
8445 unique CDR3
13 unique J



TRBV29-1*ap01

4021 sequences assigned
3984 (99.1%) exact matches, in which:
3930 unique CDR3
13 unique J

