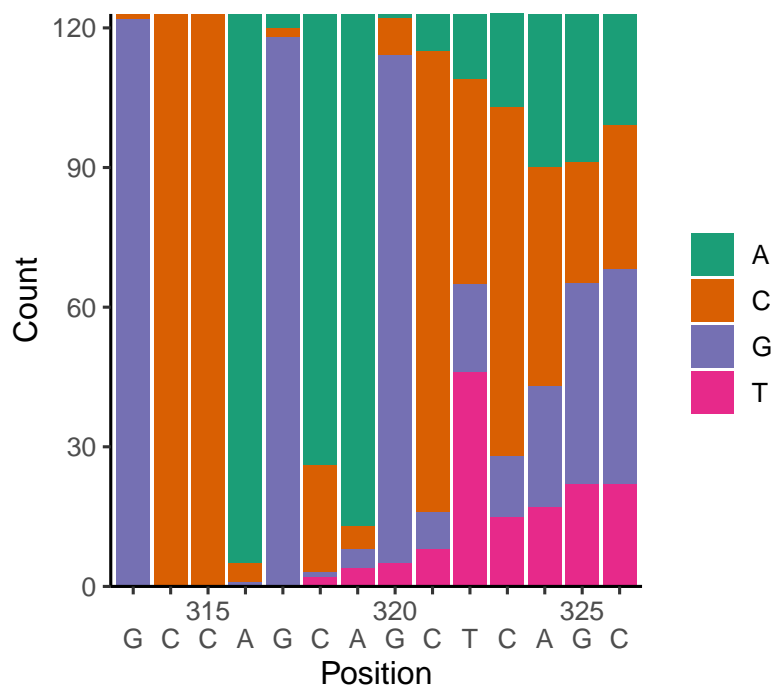
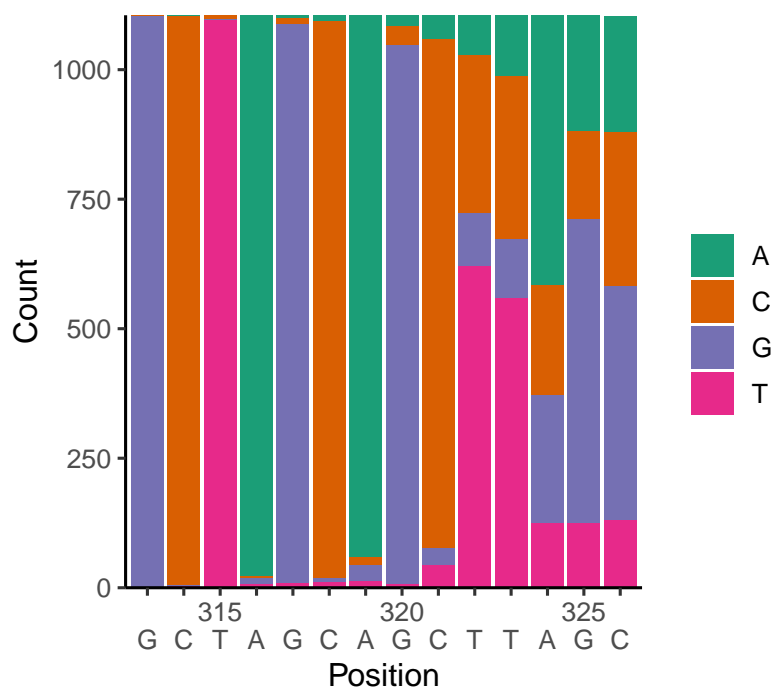


Gene TRBV7-1*ap01_T296C



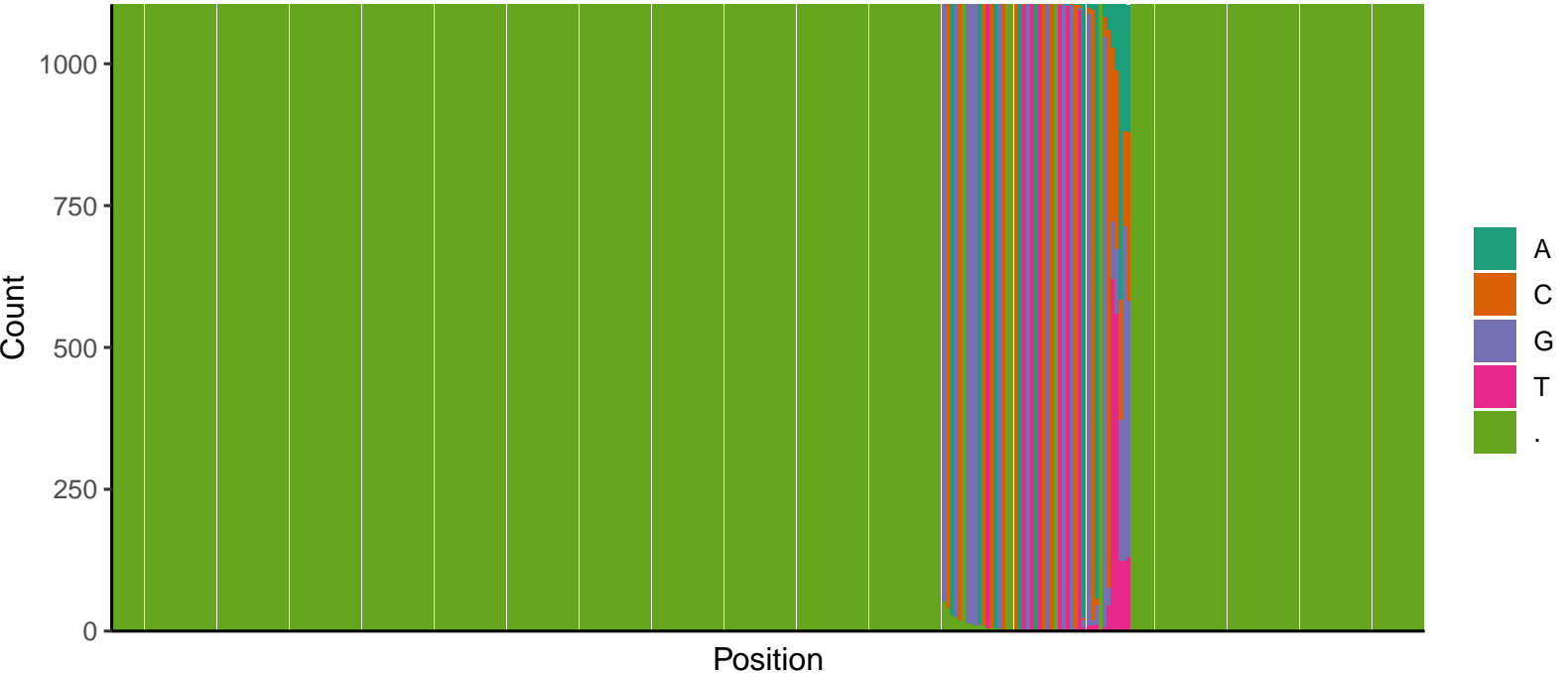
Gene TRBV7-7*ap01_C315T



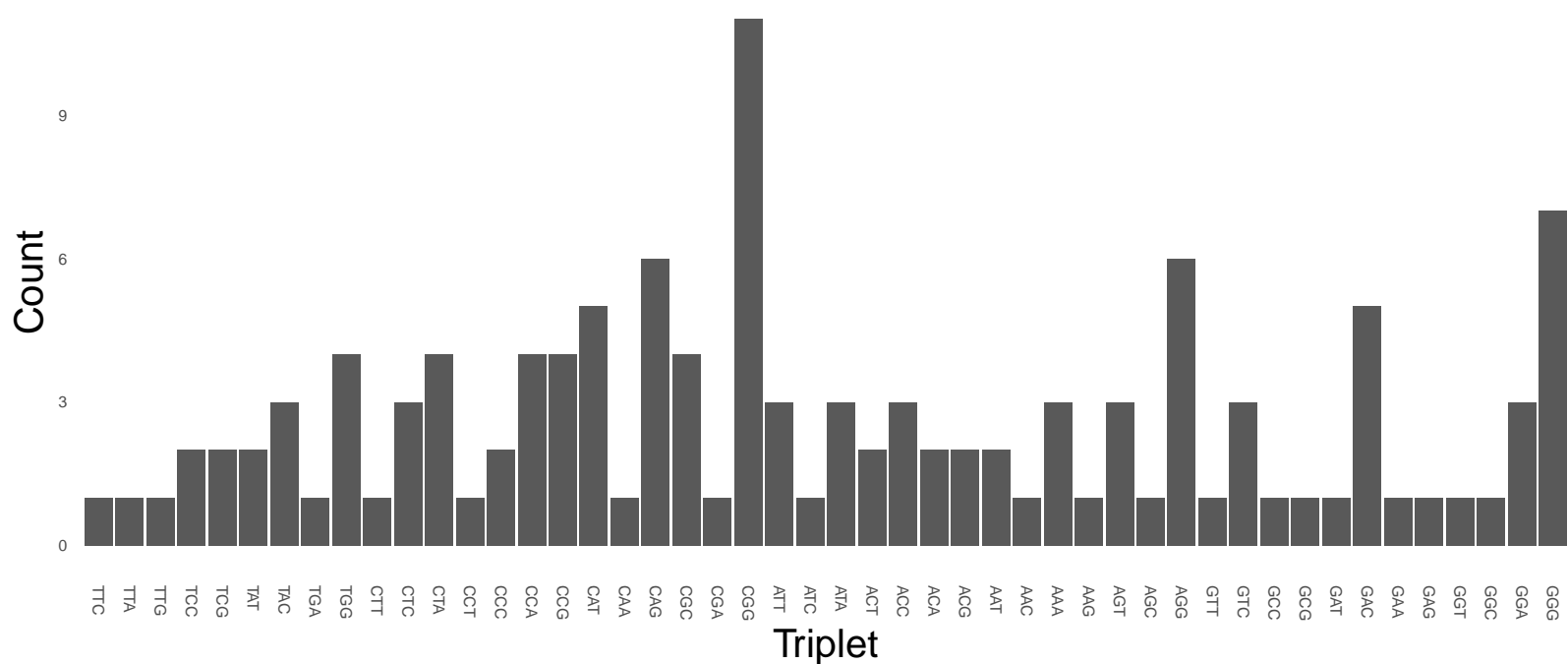
Gene TRBV7-1*ap01_T296C



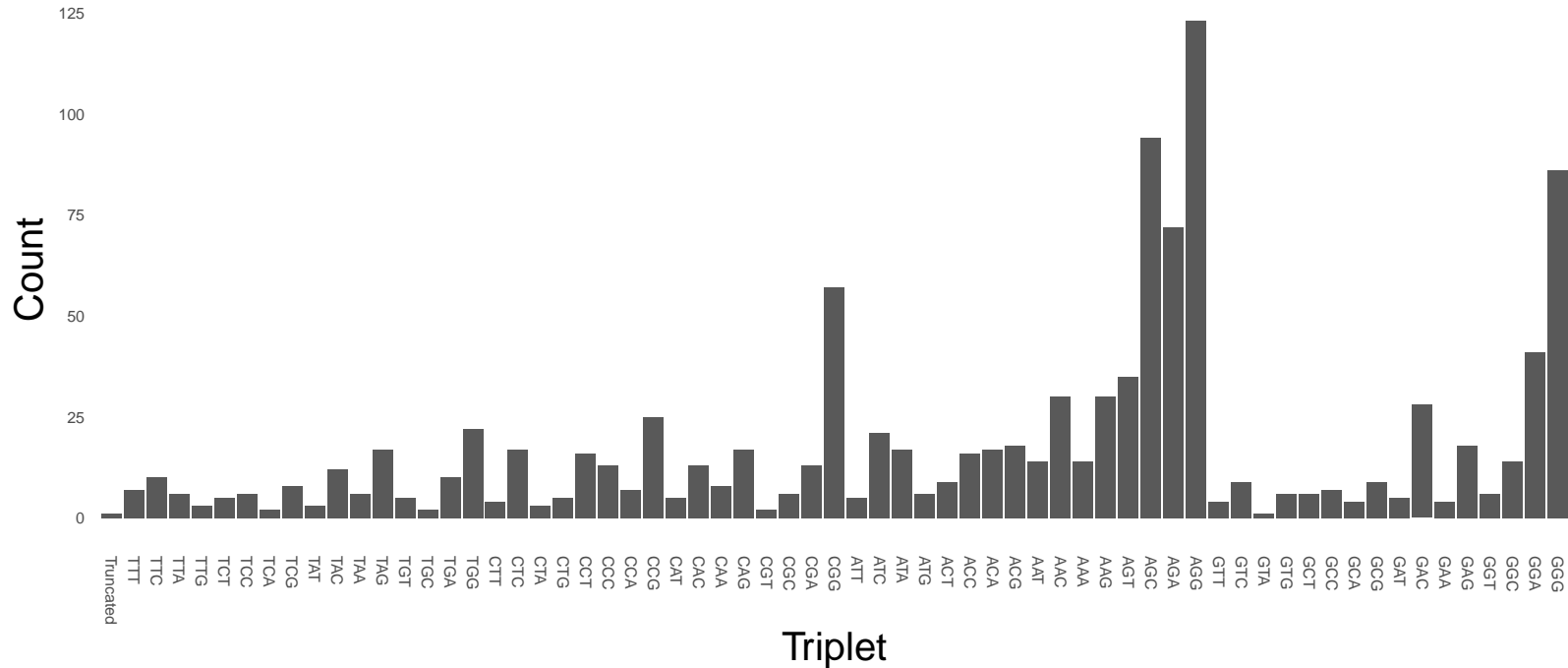
Gene TRBV7-7*ap01_C315T



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

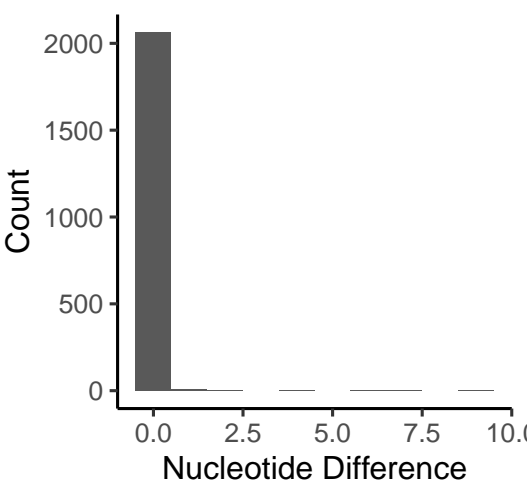


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



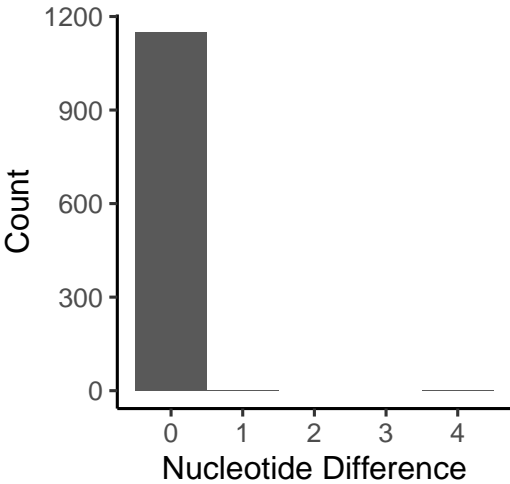
TRBV10-1*ap01

2080 sequences assigned
2063 (99.2%) exact matches, in which:
2039 unique CDR3
13 unique J



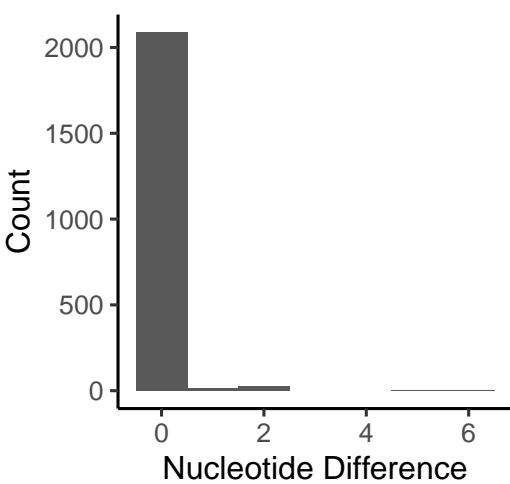
TRBV10-2*ap01

1153 sequences assigned
1149 (99.7%) exact matches, in which:
1127 unique CDR3
13 unique J



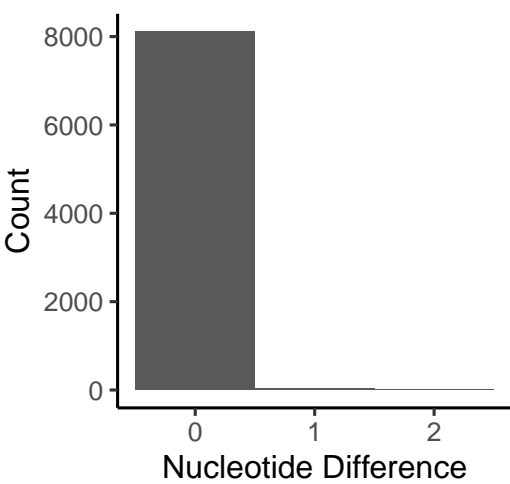
TRBV13*ap01

2135 sequences assigned
2088 (97.8%) exact matches, in which:
2043 unique CDR3
13 unique J



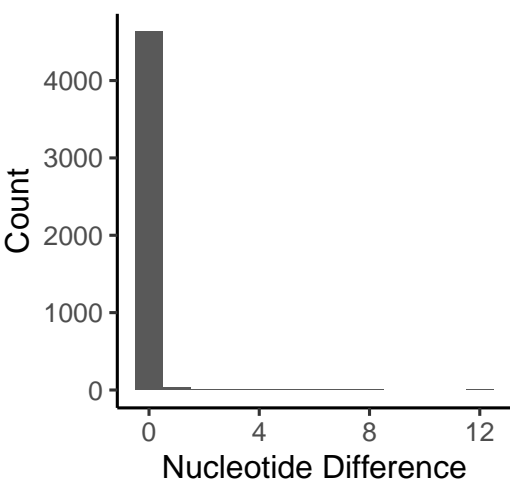
TRBV20-1*ap01

8153 sequences assigned
8110 (99.5%) exact matches, in which:
8057 unique CDR3
13 unique J



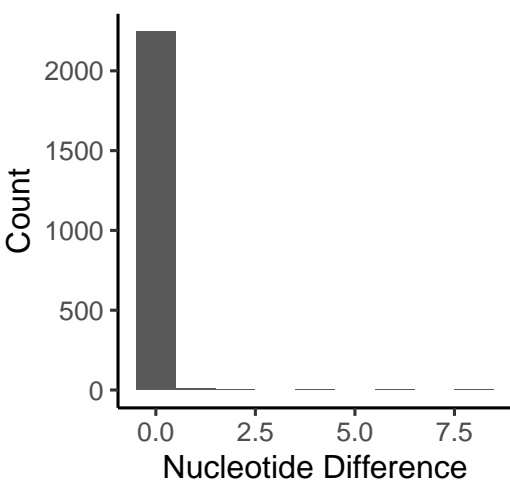
TRBV10-3*ap01

4671 sequences assigned
4631 (99.1%) exact matches, in which:
4576 unique CDR3
13 unique J



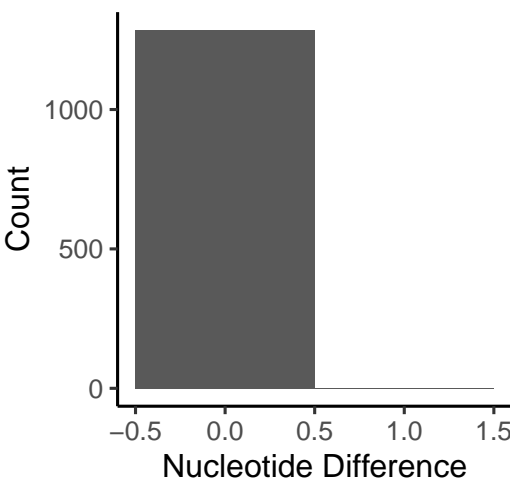
TRBV14*ap01

2258 sequences assigned
2245 (99.4%) exact matches, in which:
2224 unique CDR3
13 unique J



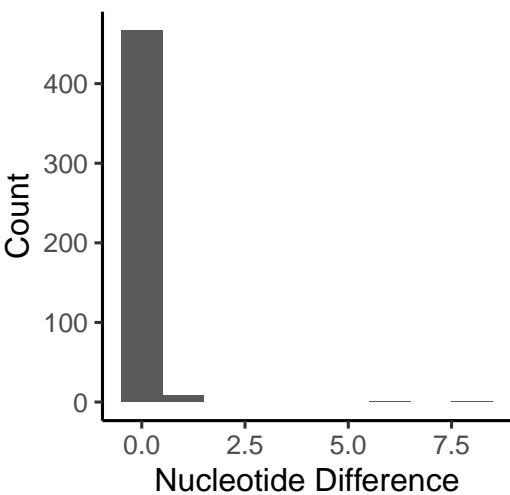
TRBV20-1*ap02

1287 sequences assigned
1285 (99.8%) exact matches, in which:
1275 unique CDR3
13 unique J



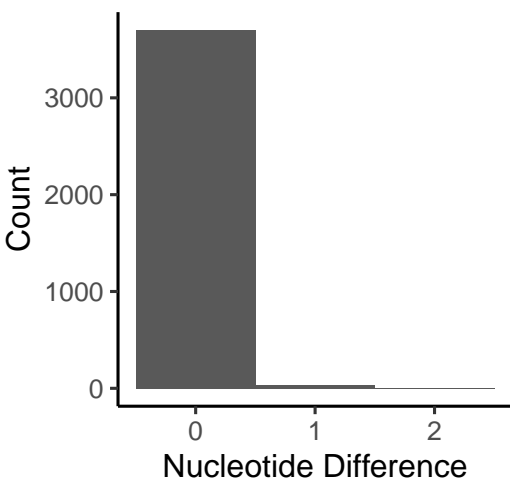
TRBV1*ap01

477 sequences assigned
467 (97.9%) exact matches, in which:
460 unique CDR3
13 unique J



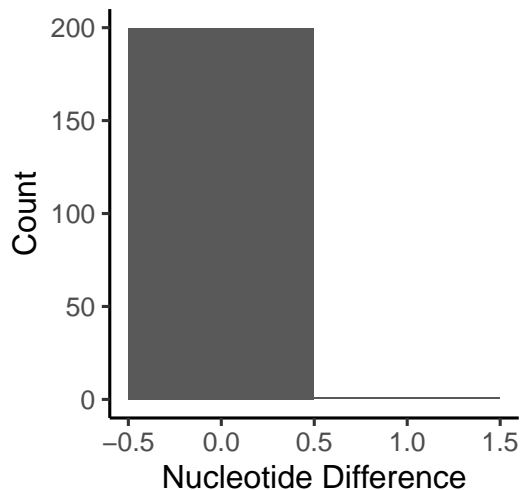
TRBV15*ap02

3740 sequences assigned
3700 (98.9%) exact matches, in which:
3644 unique CDR3
13 unique J



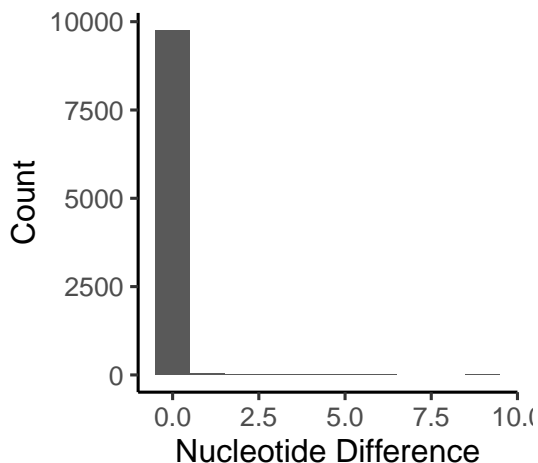
TRBV16*ap01

201 sequences assigned
200 (99.5%) exact matches, in which:
199 unique CDR3
13 unique J



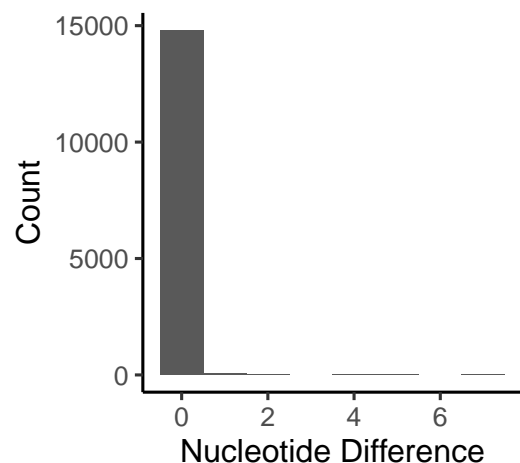
TRBV2*ap01

9820 sequences assigned
9760 (99.4%) exact matches, in which:
9634 unique CDR3
13 unique J



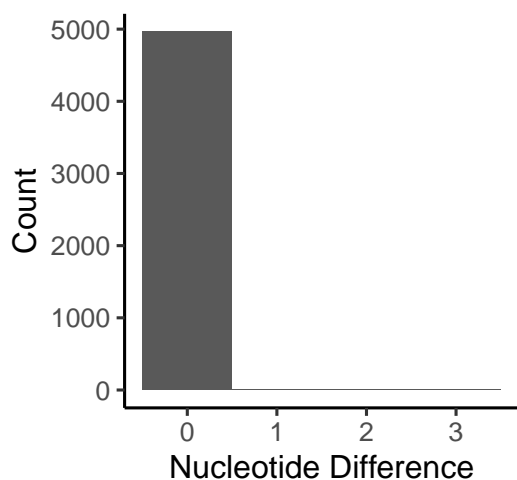
TRBV28*ap01

14878 sequences assigned
14807 (99.5%) exact matches, in which:
14697 unique CDR3
13 unique J



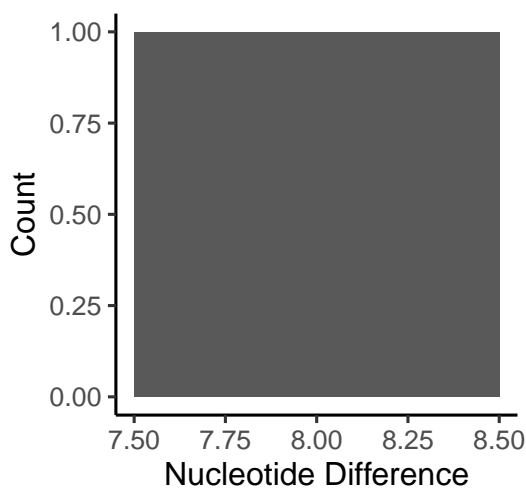
TRBV18*ap01

4979 sequences assigned
4964 (99.7%) exact matches, in which:
4932 unique CDR3
13 unique J



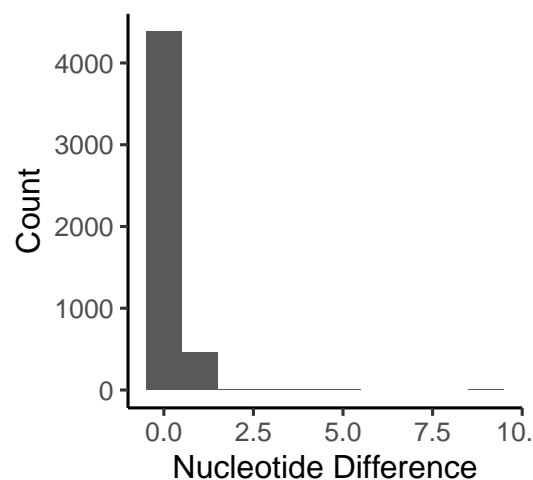
TRBV26*ap01

1 sequences assigned
No exact matches.



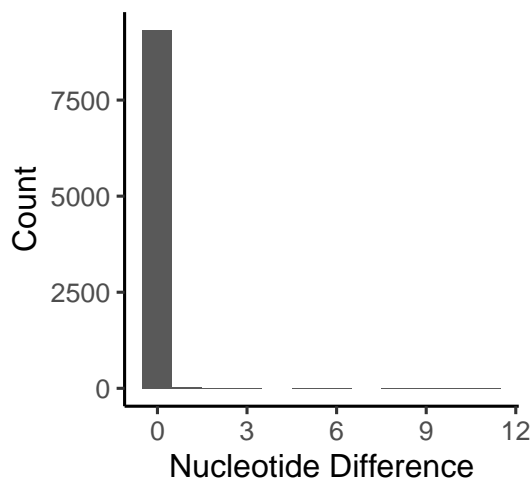
TRBV30*ap01

4849 sequences assigned
4382 (90.4%) exact matches, in which:
4230 unique CDR3
13 unique J



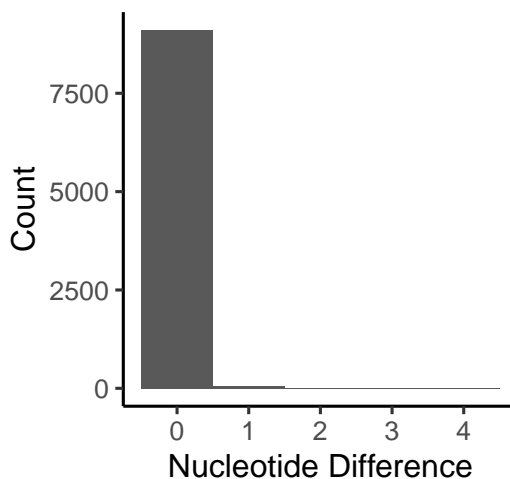
TRBV19*ap01

9375 sequences assigned
9322 (99.4%) exact matches, in which:
9273 unique CDR3
14 unique J



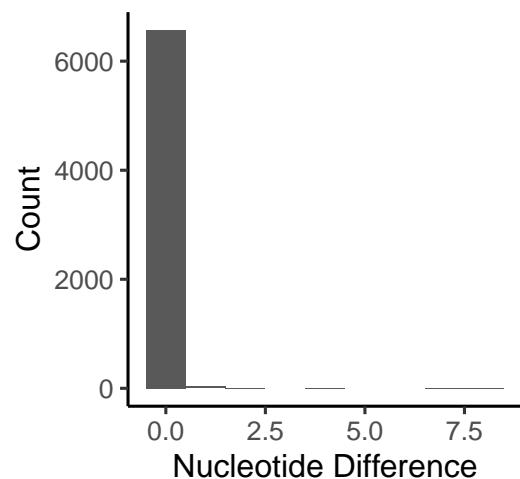
TRBV27*ap01

9175 sequences assigned
9107 (99.3%) exact matches, in which:
9011 unique CDR3
13 unique J



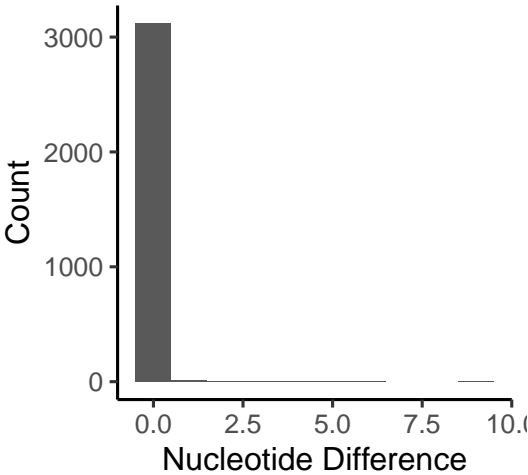
TRBV9*ap01

6609 sequences assigned
6571 (99.4%) exact matches, in which:
6522 unique CDR3
13 unique J



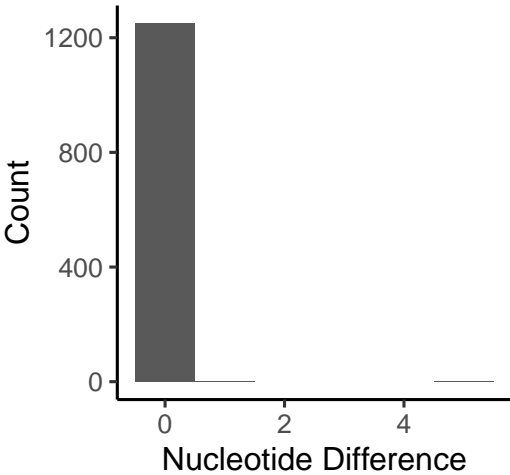
TRBV21-1*ap01

3147 sequences assigned
3119 (99.1%) exact matches, in which:
3099 unique CDR3
13 unique J



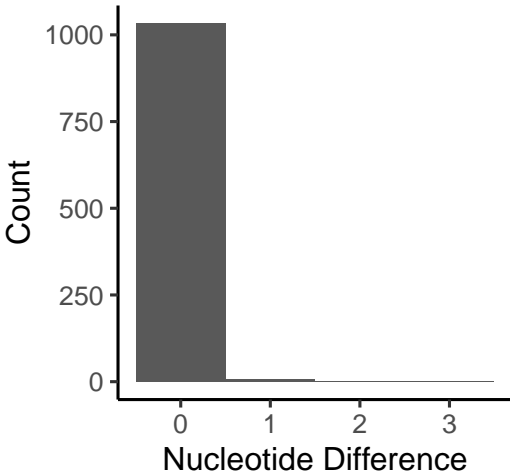
TRBV11-3*ap01

1255 sequences assigned
1250 (99.6%) exact matches, in which:
1242 unique CDR3
13 unique J



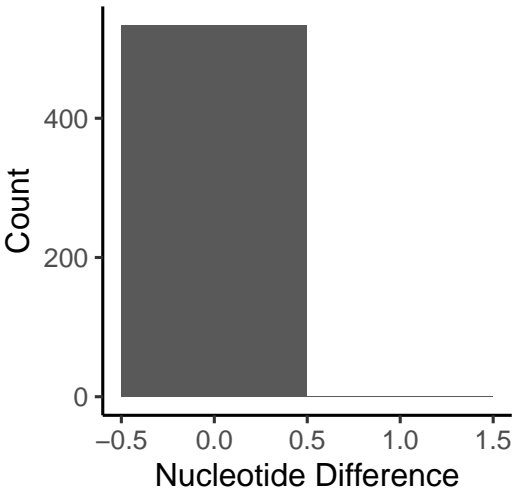
TRBV12-5*ap01

1042 sequences assigned
1033 (99.1%) exact matches, in which:
1020 unique CDR3
13 unique J



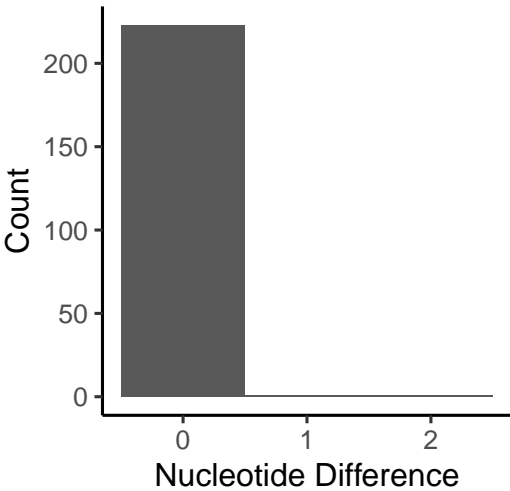
TRBV11-1*ap01

535 sequences assigned
534 (99.8%) exact matches, in which:
530 unique CDR3
13 unique J



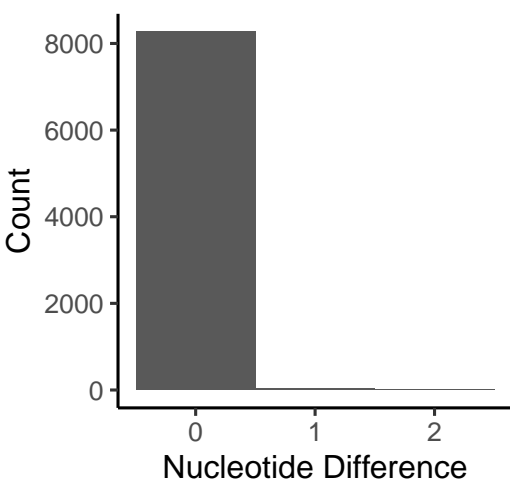
TRBV12-1*ap01

225 sequences assigned
223 (99.1%) exact matches, in which:
220 unique CDR3
13 unique J



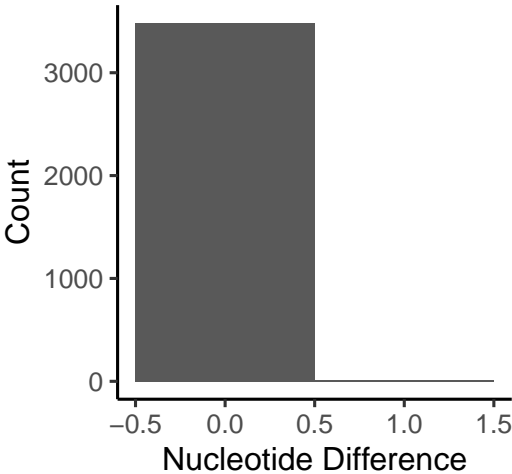
TRBV12-34*ap01

8317 sequences assigned
8271 (99.4%) exact matches, in which:
8186 unique CDR3
13 unique J



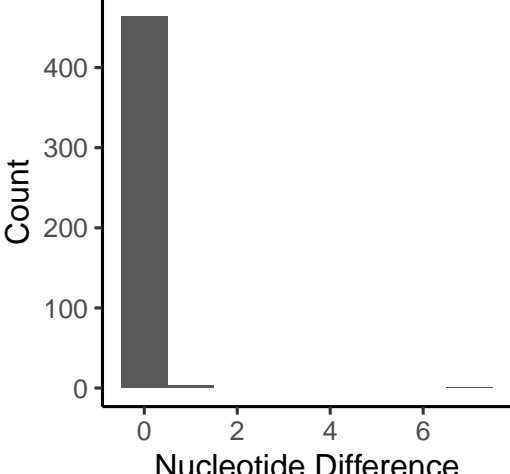
TRBV11-2*ap01

3494 sequences assigned
3483 (99.7%) exact matches, in which:
3461 unique CDR3
13 unique J



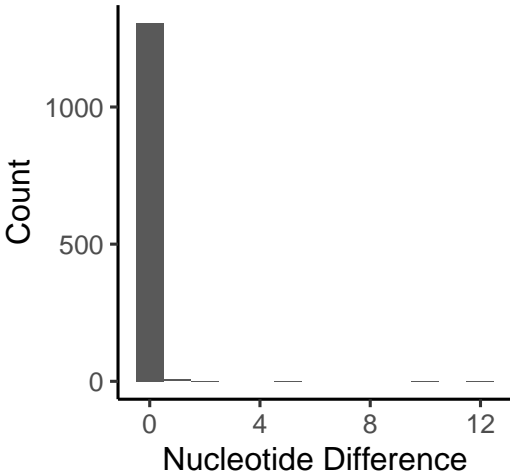
TRBV12-2*ap01

468 sequences assigned
464 (99.1%) exact matches, in which:
454 unique CDR3
13 unique J



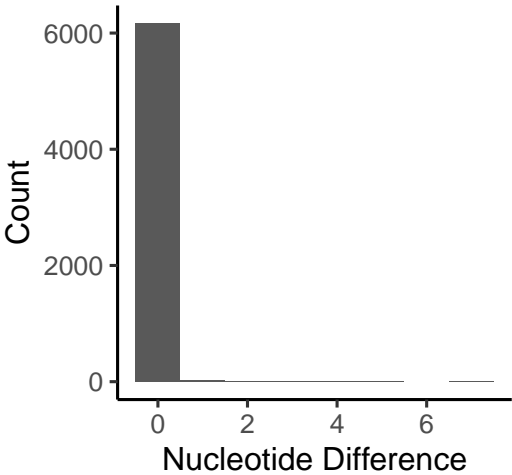
TRBV23-1*ap01

1318 sequences assigned
1306 (99.1%) exact matches, in which:
1294 unique CDR3
13 unique J



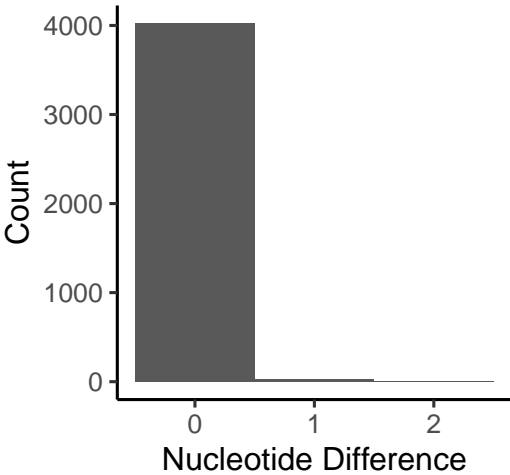
TRBV3-12*ap01

6204 sequences assigned
6166 (99.4%) exact matches, in which:
6114 unique CDR3
13 unique J



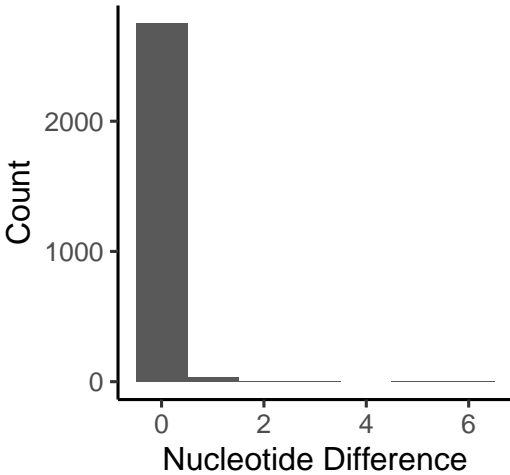
TRBV4-2*ap01

4050 sequences assigned
4023 (99.3%) exact matches, in which:
3981 unique CDR3
13 unique J



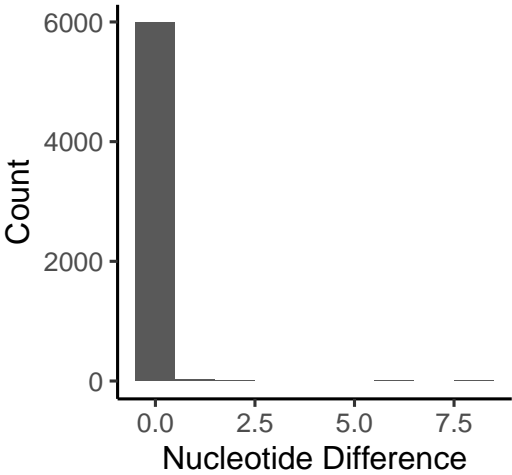
TRBV25-1*ap01

2790 sequences assigned
2751 (98.6%) exact matches, in which:
2682 unique CDR3
13 unique J



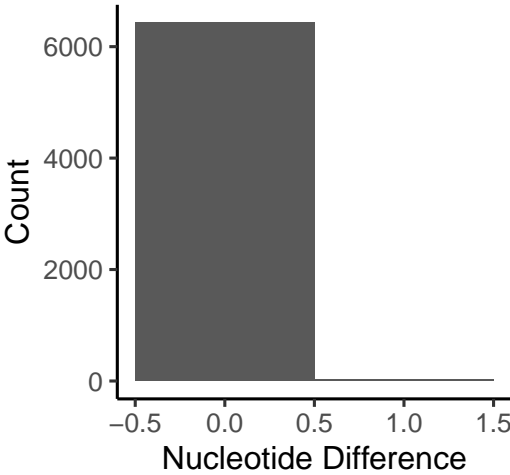
TRBV4-1*ap01

6016 sequences assigned
5987 (99.5%) exact matches, in which:
5891 unique CDR3
13 unique J



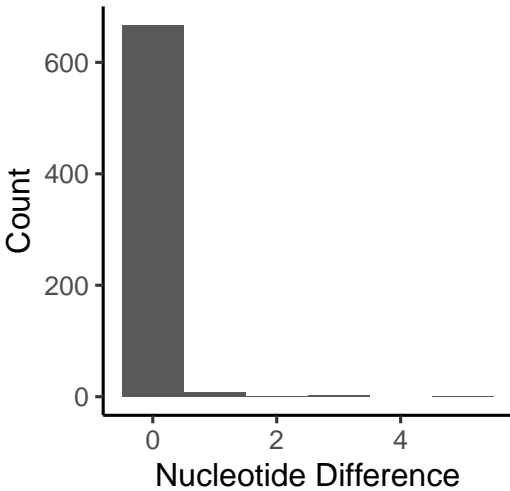
TRBV4-3*ap01

6458 sequences assigned
6429 (99.6%) exact matches, in which:
6339 unique CDR3
13 unique J



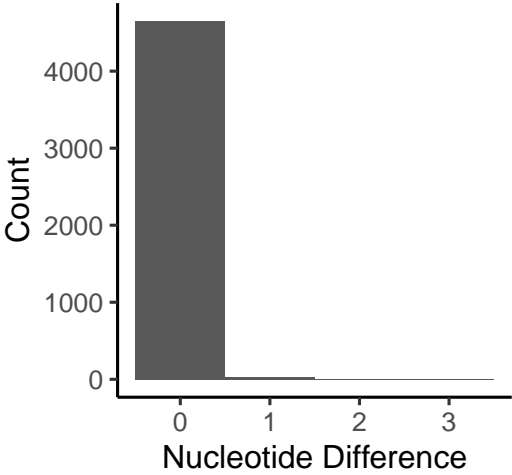
TRBV5-3*ap01

679 sequences assigned
667 (98.2%) exact matches, in which:
660 unique CDR3
13 unique J



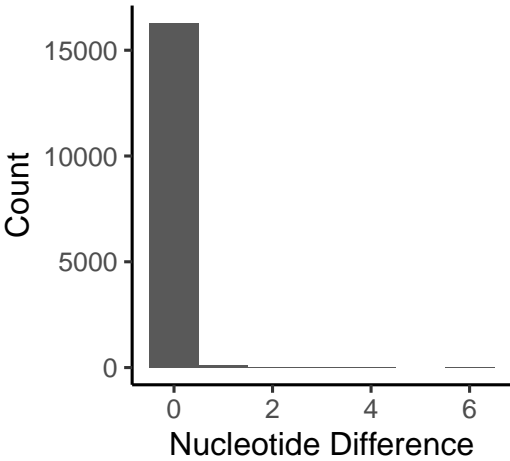
TRBV24-1*ap01

4685 sequences assigned
4650 (99.3%) exact matches, in which:
4568 unique CDR3
13 unique J



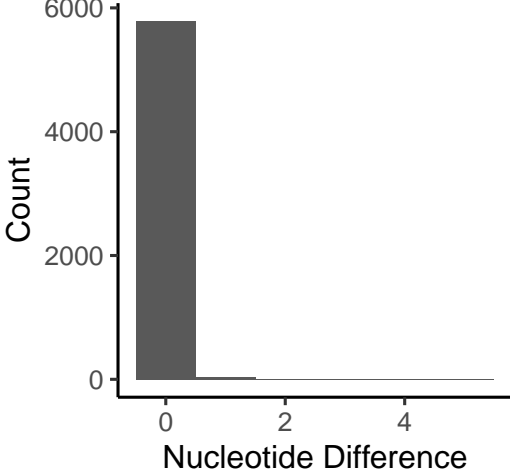
TRBV5-1*ap01

16402 sequences assigned
16297 (99.4%) exact matches, in which:
16089 unique CDR3
13 unique J



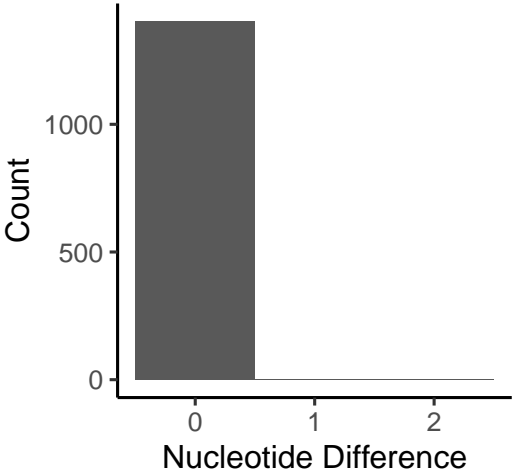
TRBV5-4*ap01

5828 sequences assigned
5787 (99.3%) exact matches, in which:
5714 unique CDR3
13 unique J



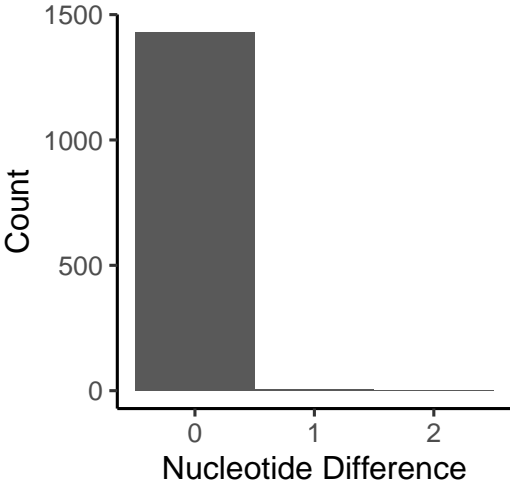
TRBV5-5*ap01

1406 sequences assigned
1403 (99.8%) exact matches, in which:
1393 unique CDR3
13 unique J



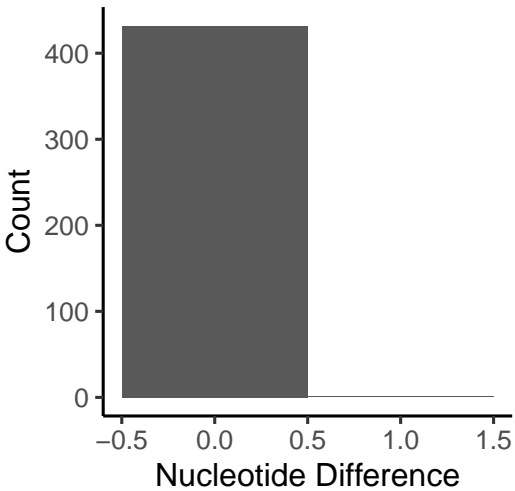
TRBV5-8*ap01

1434 sequences assigned
1429 (99.7%) exact matches, in which:
1411 unique CDR3
13 unique J



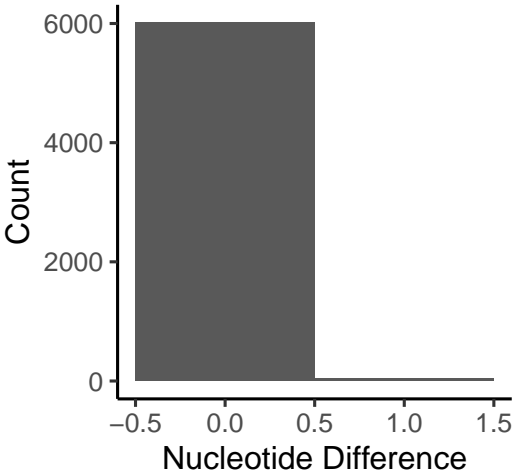
TRBV6-7*ap01

433 sequences assigned
432 (99.8%) exact matches, in which:
427 unique CDR3
13 unique J



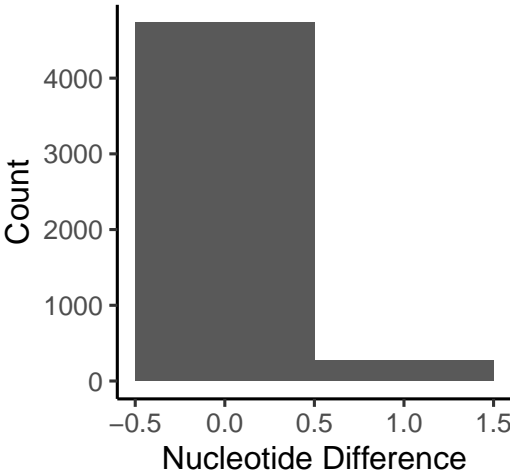
TRBV5-6*ap01

6060 sequences assigned
6013 (99.2%) exact matches, in which:
5866 unique CDR3
13 unique J



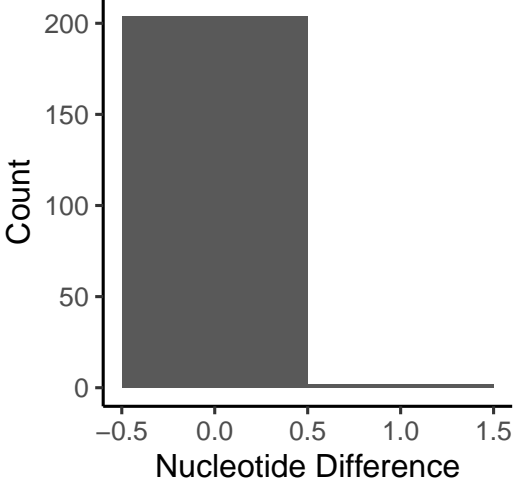
TRBV6-1*ap01

5002 sequences assigned
4732 (94.6%) exact matches, in which:
4652 unique CDR3
13 unique J



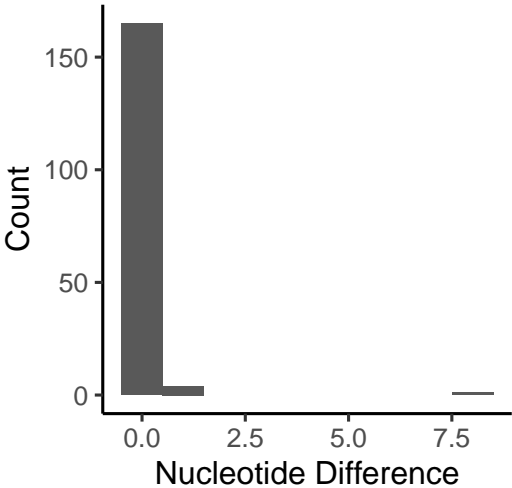
TRBV6-8*ap01

206 sequences assigned
204 (99%) exact matches, in which:
201 unique CDR3
13 unique J



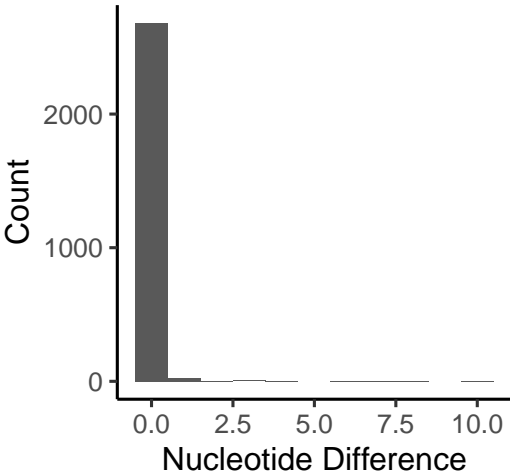
TRBV5-7*ap01

170 sequences assigned
165 (97.1%) exact matches, in which:
160 unique CDR3
12 unique J



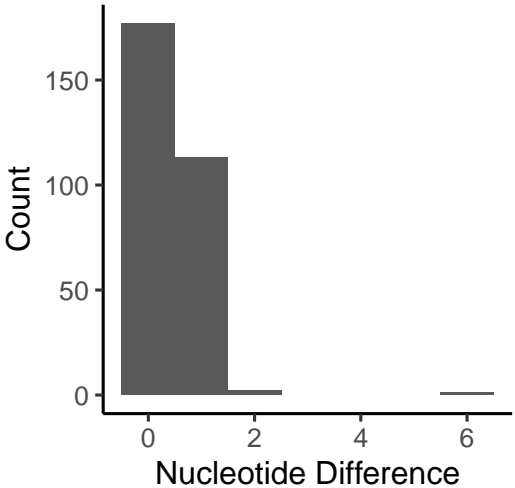
TRBV6-4*ap01

2719 sequences assigned
2681 (98.6%) exact matches, in which:
2652 unique CDR3
13 unique J



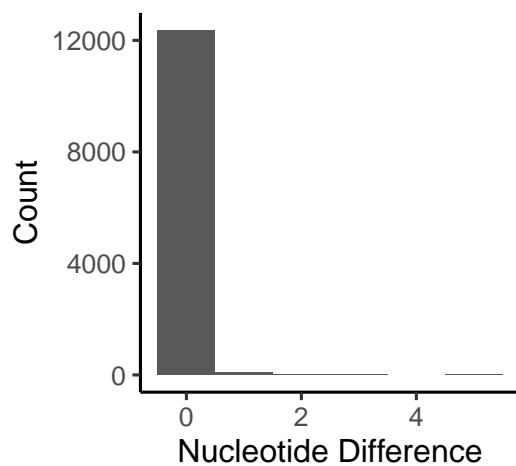
TRBV6-9*ap01

293 sequences assigned
177 (60.4%) exact matches, in which:
174 unique CDR3
13 unique J



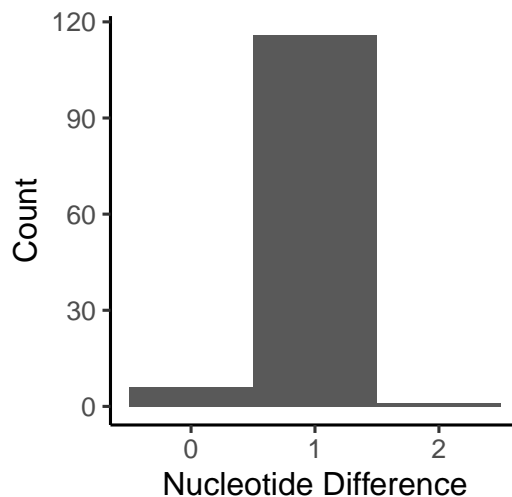
TRBV6-23*ap01

12461 sequences assigned
12368 (99.3%) exact matches, in which:
12123 unique CDR3
13 unique J



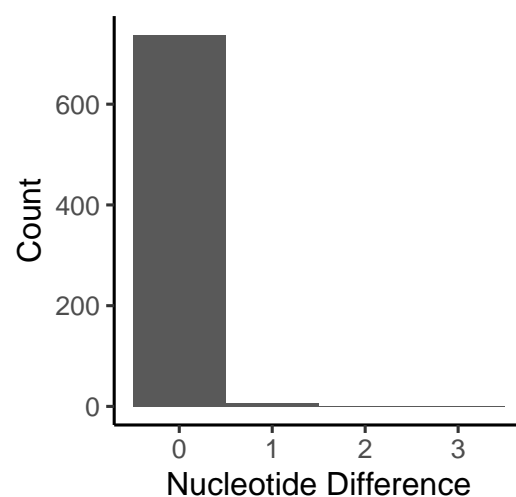
TRBV7-1*ap01_T296C

123 sequences assigned
6 (4.9%) exact matches, in which:
6 unique CDR3
5 unique J



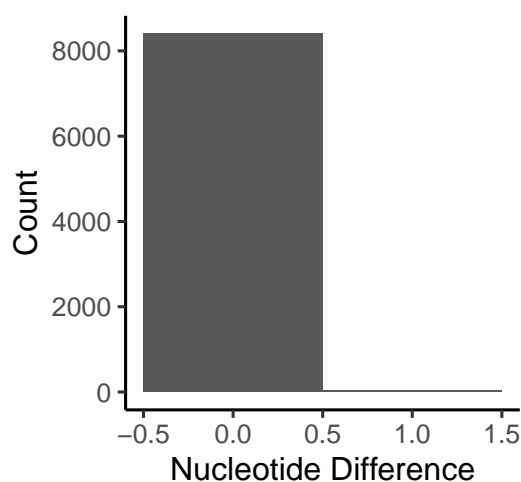
TRBV7-3*ap03

747 sequences assigned
738 (98.8%) exact matches, in which:
730 unique CDR3
13 unique J



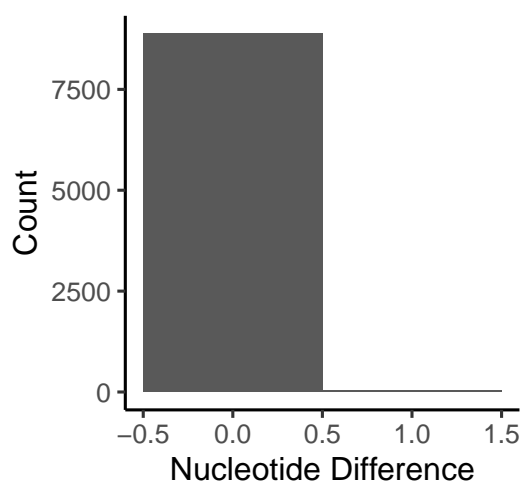
TRBV6-56*ap01

8444 sequences assigned
8403 (99.5%) exact matches, in which:
8216 unique CDR3
13 unique J



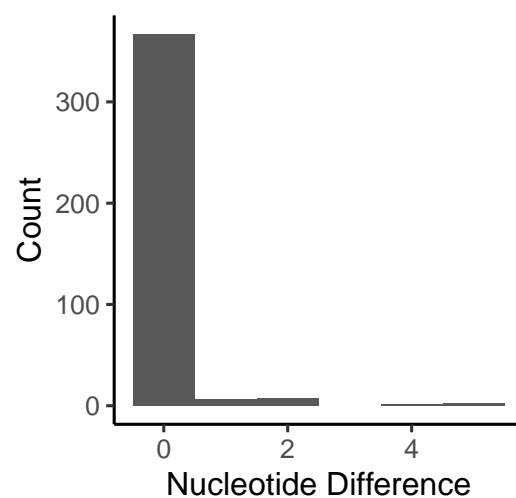
TRBV7-2*ap01

8907 sequences assigned
8879 (99.7%) exact matches, in which:
8808 unique CDR3
13 unique J



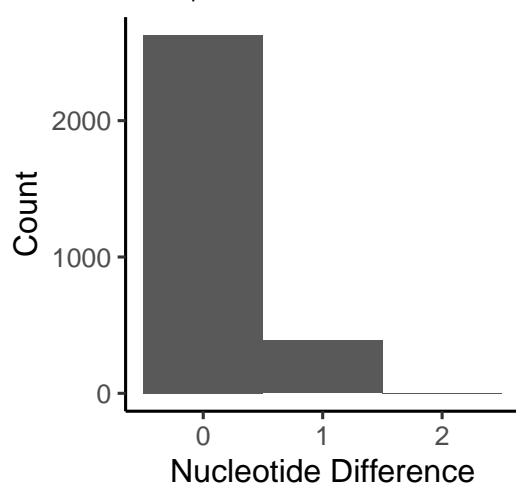
TRBV7-4*ap01

383 sequences assigned
367 (95.8%) exact matches, in which:
362 unique CDR3
13 unique J



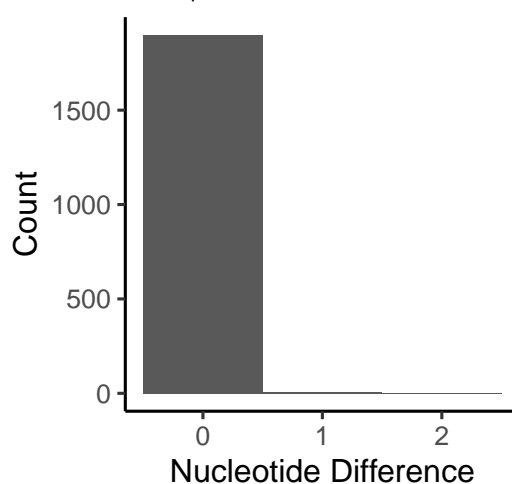
TRBV6-56*ap02

3018 sequences assigned
2628 (87.1%) exact matches, in which:
2585 unique CDR3
13 unique J



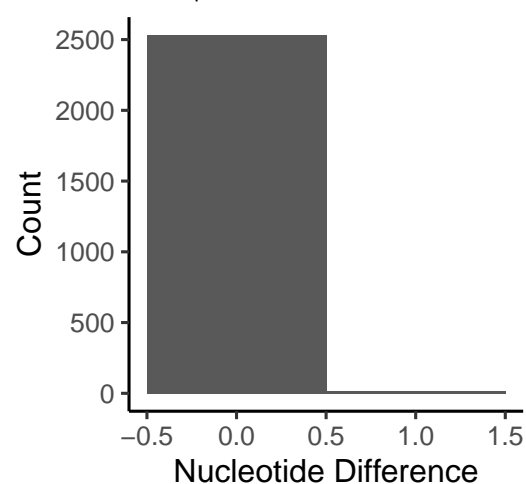
TRBV7-3*ap01

1907 sequences assigned
1898 (99.5%) exact matches, in which:
1892 unique CDR3
13 unique J



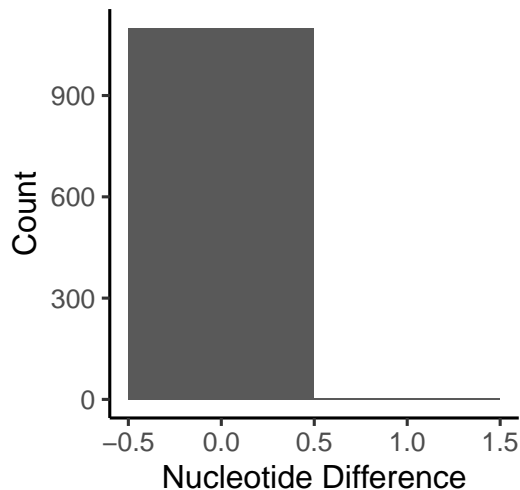
TRBV7-6*ap01

2548 sequences assigned
2532 (99.4%) exact matches, in which:
2498 unique CDR3
13 unique J



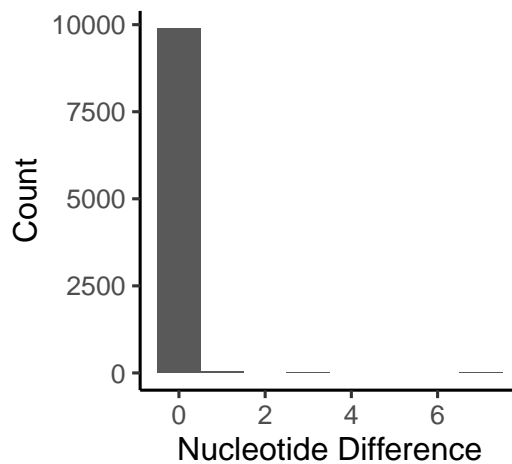
TRBV7-7*ap01_C315T

1105 sequences assigned
1101 (99.6%) exact matches, in which:
1090 unique CDR3
13 unique J



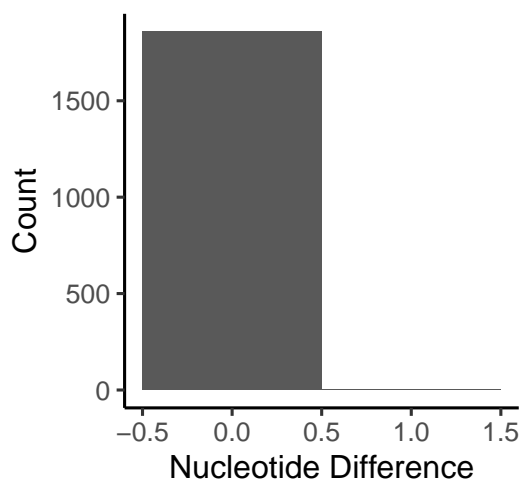
TRBV7-9*ap01

9951 sequences assigned
9900 (99.5%) exact matches, in which:
9787 unique CDR3
13 unique J



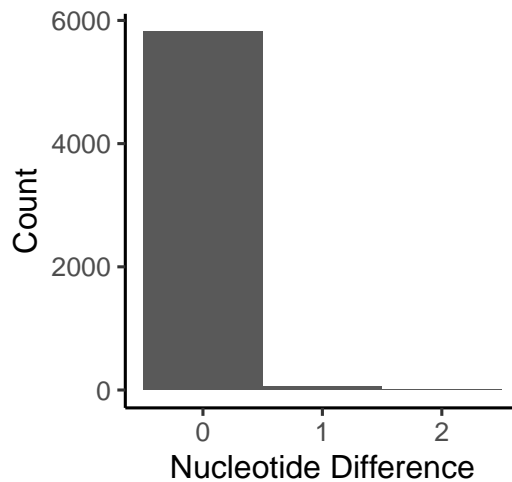
TRBV7-8*ap01

1863 sequences assigned
1858 (99.7%) exact matches, in which:
1837 unique CDR3
13 unique J



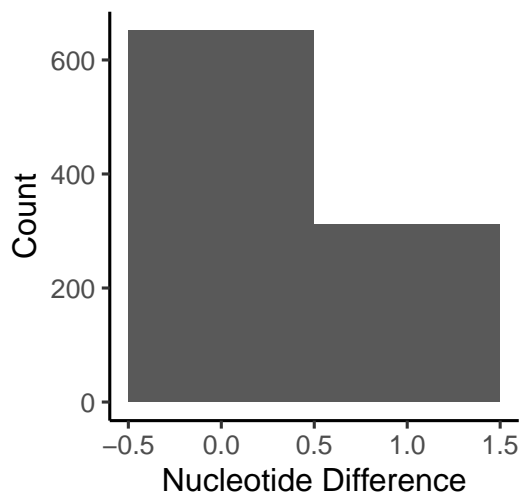
TRBV29-1*ap01

5879 sequences assigned
5817 (98.9%) exact matches, in which:
5619 unique CDR3
13 unique J



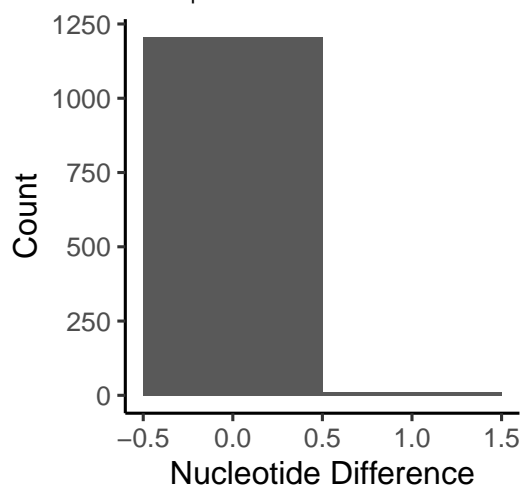
TRBV7-8*ap03

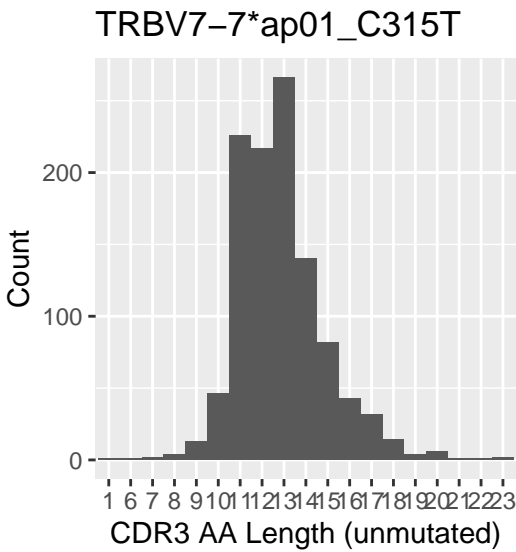
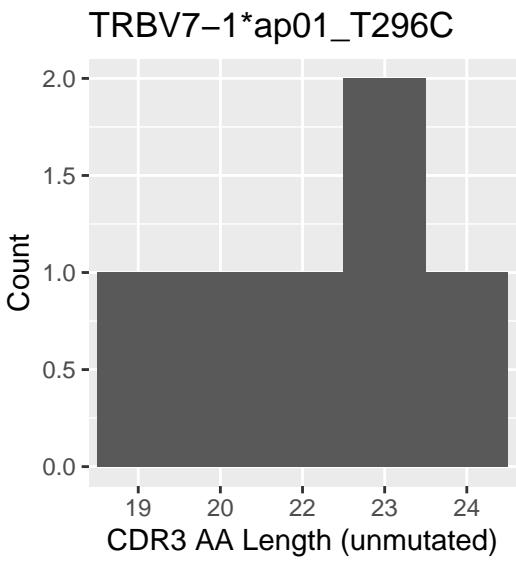
964 sequences assigned
652 (67.6%) exact matches, in which:
645 unique CDR3
13 unique J



TRBV29-1*ap02

1218 sequences assigned
1206 (99%) exact matches, in which:
1157 unique CDR3
13 unique J







Warning – no inferred sequences found.

Warning – no inferred sequences found.