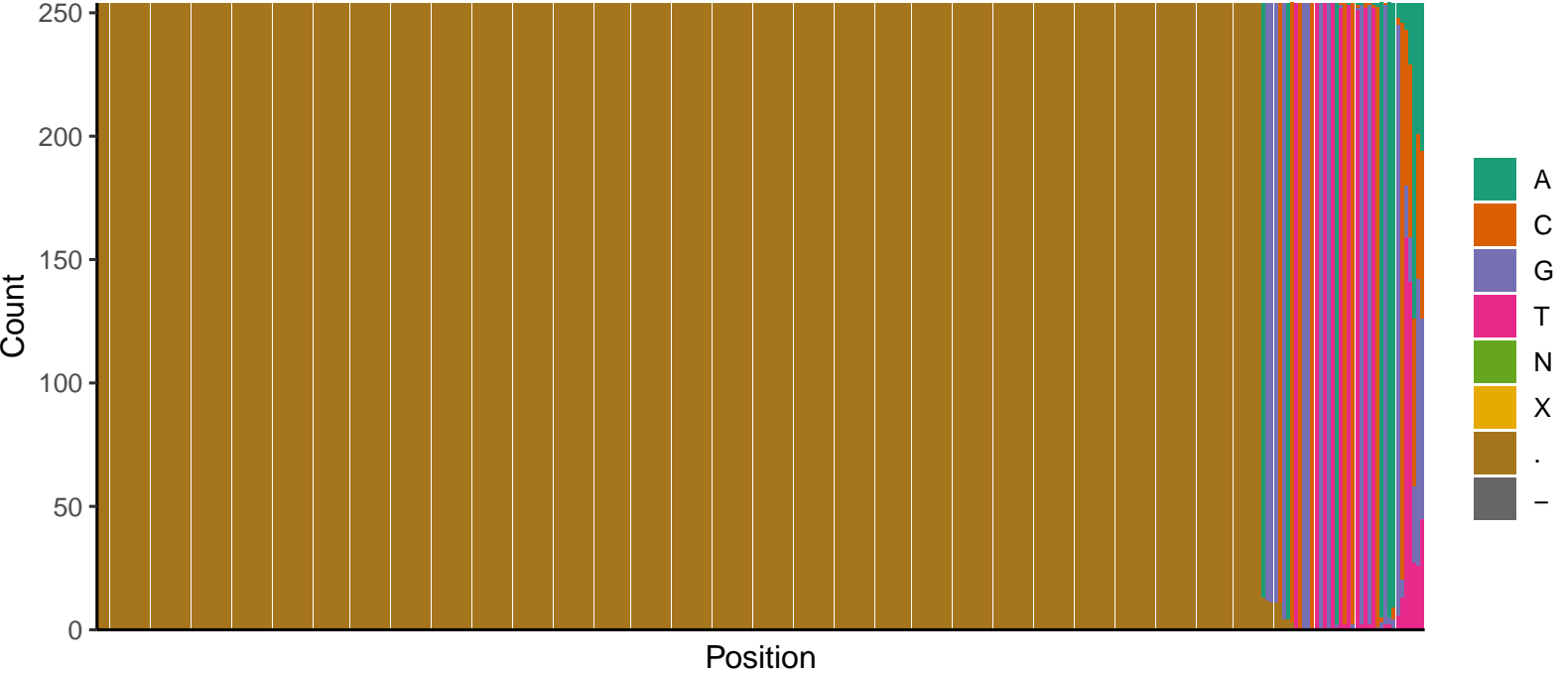
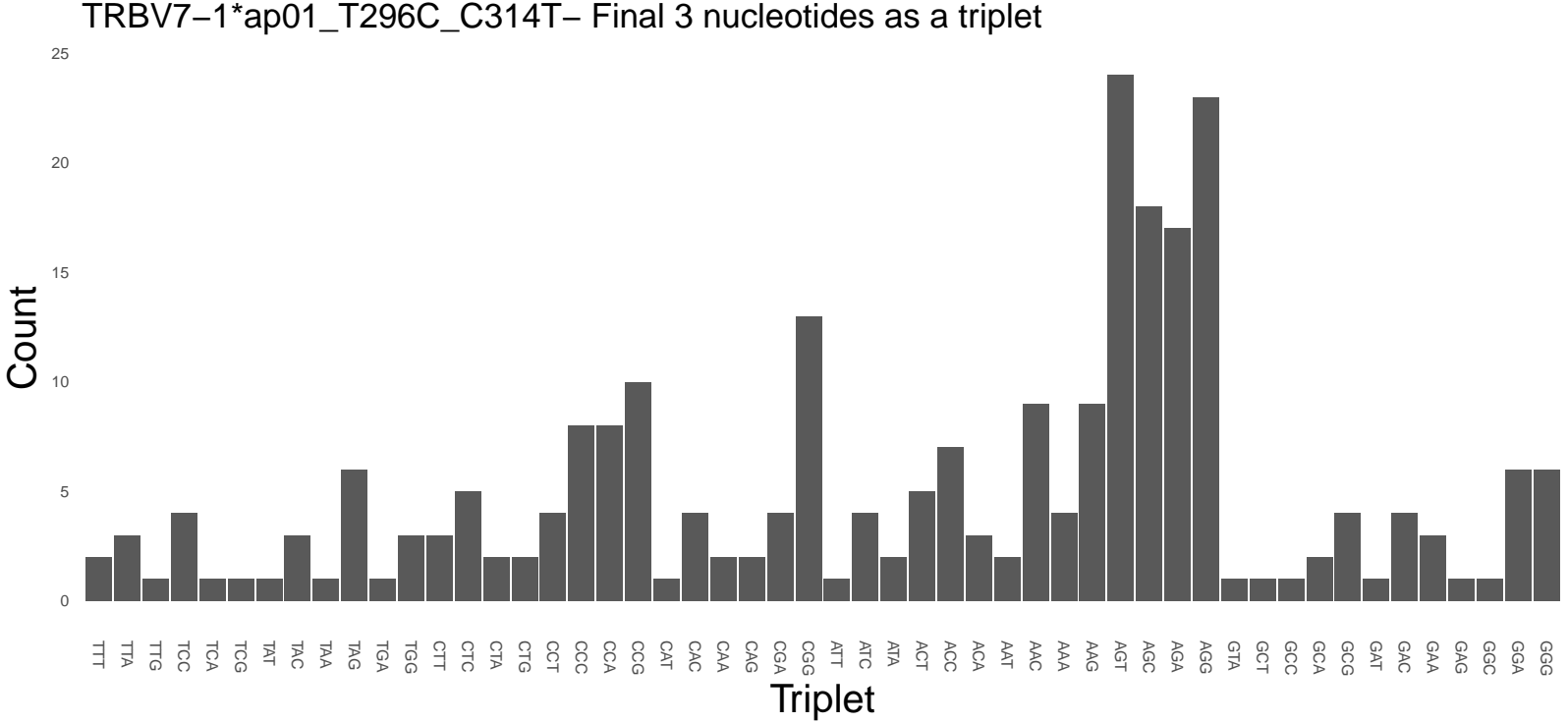


Gene TRBV7-1*ap01_T296C_C314T



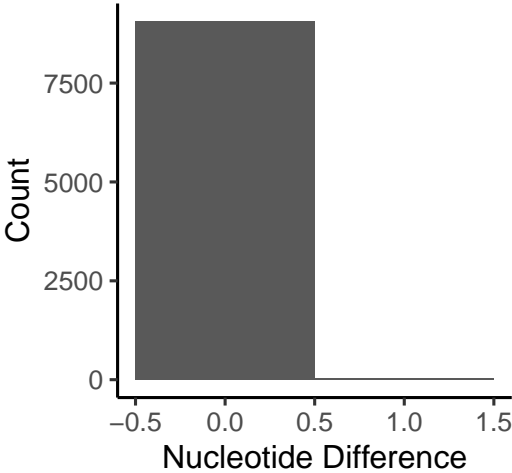
Gene TRBV7-1*ap01_T296C_C314T





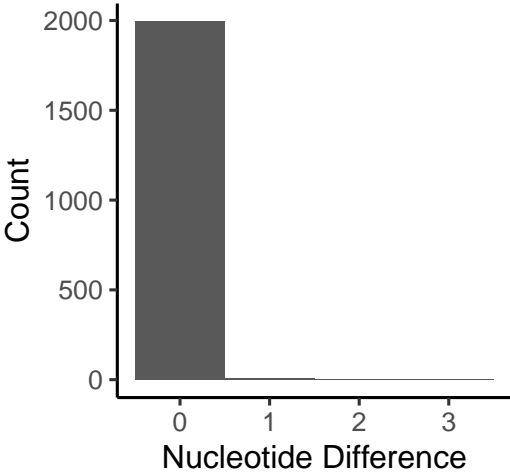
TRBV20-1*ap01

9104 sequences assigned
9060 (99.5%) exact matches, in which:
8998 unique CDR3
13 unique J



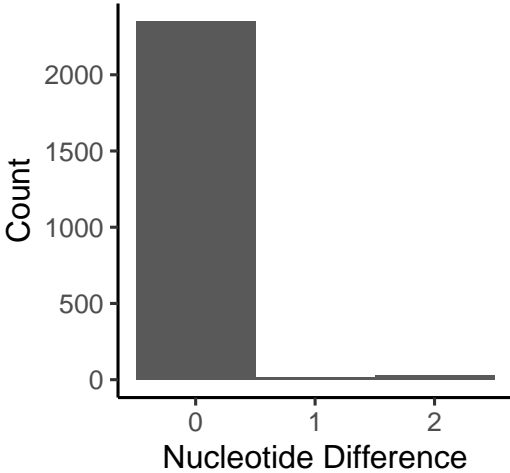
TRBV10-2*ap01

2007 sequences assigned
1995 (99.4%) exact matches, in which:
1981 unique CDR3
13 unique J



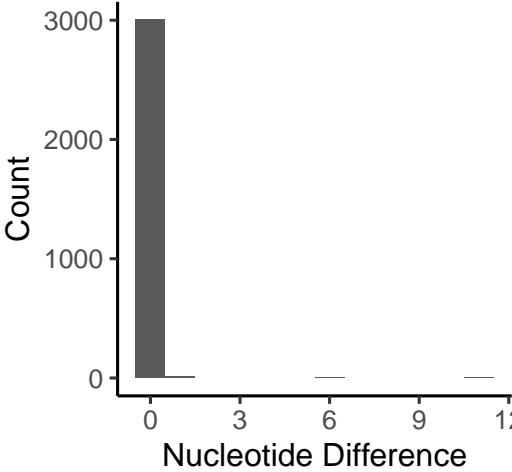
TRBV13*ap01

2394 sequences assigned
2350 (98.2%) exact matches, in which:
2319 unique CDR3
13 unique J



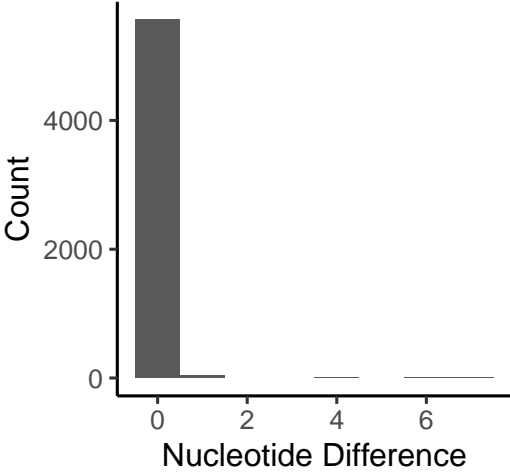
TRBV10-1*ap01

3016 sequences assigned
3004 (99.6%) exact matches, in which:
2971 unique CDR3
13 unique J



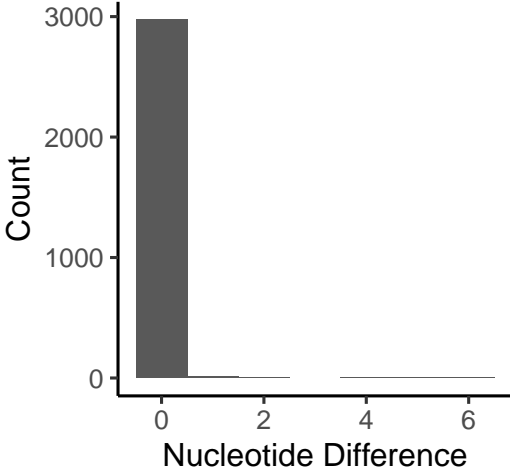
TRBV10-3*ap01

5602 sequences assigned
5564 (99.3%) exact matches, in which:
5521 unique CDR3
13 unique J



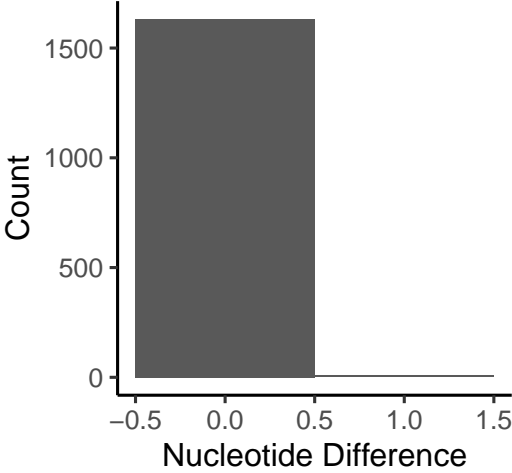
TRBV14*ap01

2990 sequences assigned
2974 (99.5%) exact matches, in which:
2948 unique CDR3
13 unique J



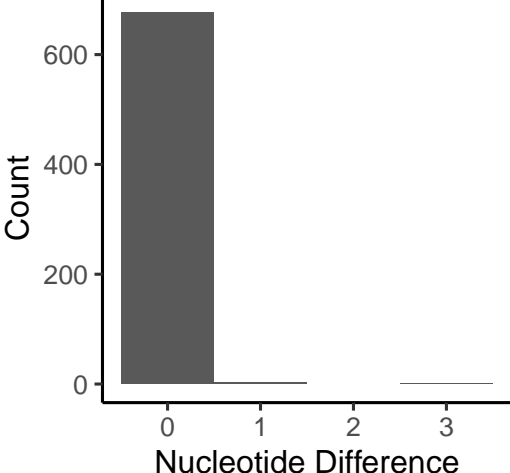
TRBV20-1*ap02

1641 sequences assigned
1632 (99.5%) exact matches, in which:
1625 unique CDR3
13 unique J



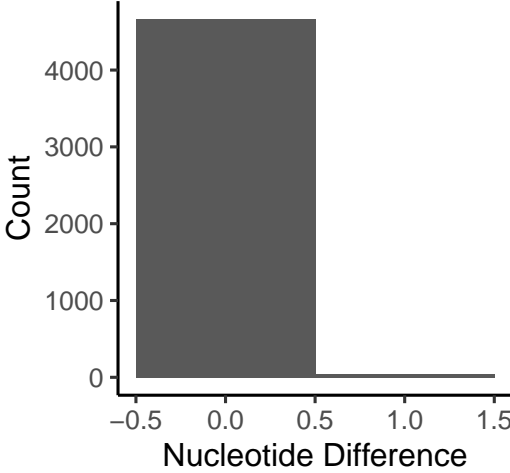
TRBV1*ap01

681 sequences assigned
677 (99.4%) exact matches, in which:
667 unique CDR3
13 unique J



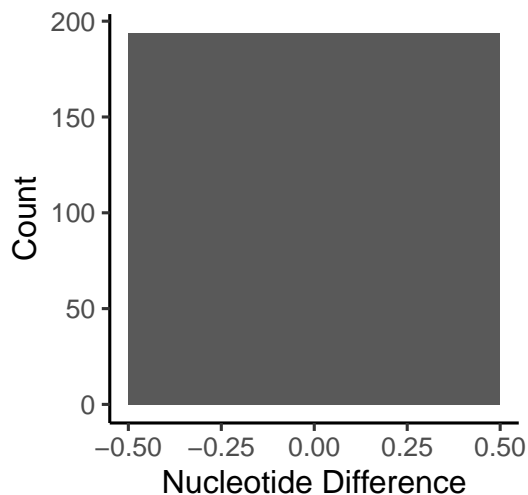
TRBV15*ap02

4705 sequences assigned
4664 (99.1%) exact matches, in which:
4610 unique CDR3
13 unique J



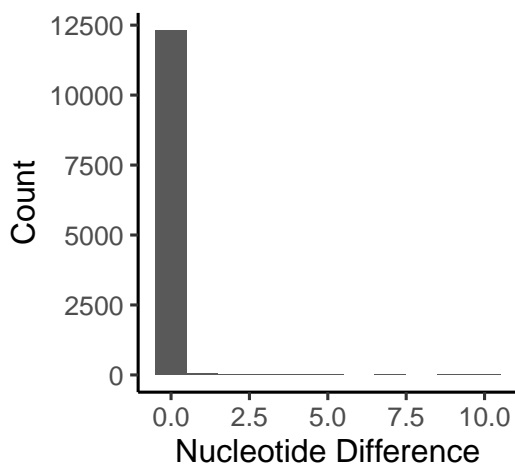
TRBV16*ap01

194 sequences assigned
194 (100%) exact matches, in which:
191 unique CDR3
13 unique J



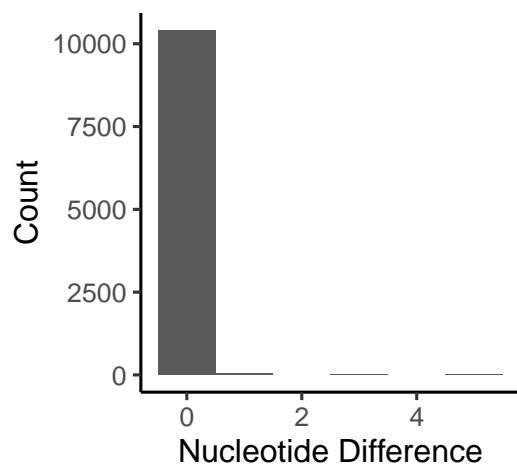
TRBV19*ap01

12402 sequences assigned
12321 (99.3%) exact matches, in which:
12255 unique CDR3
13 unique J



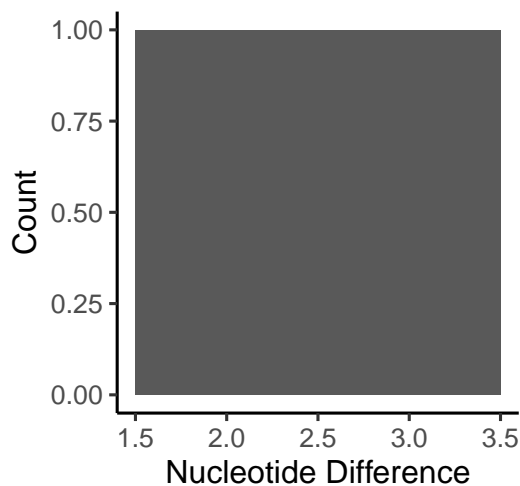
TRBV28*ap01

10456 sequences assigned
10411 (99.6%) exact matches, in which:
10349 unique CDR3
13 unique J



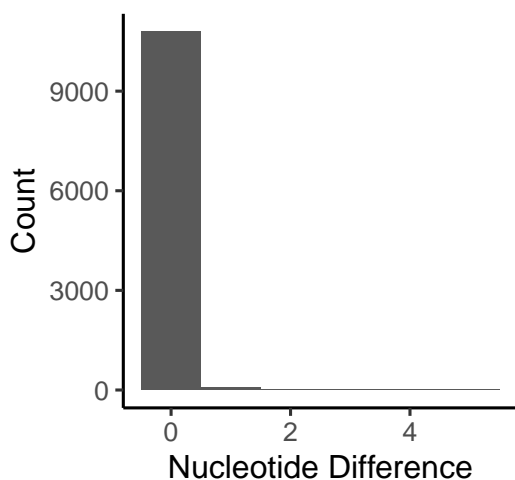
TRBV17*ap01

2 sequences assigned
No exact matches.



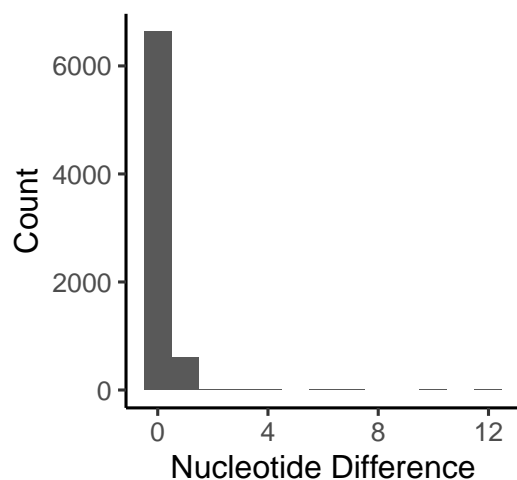
TRBV2*ap01

10858 sequences assigned
10789 (99.4%) exact matches, in which:
10701 unique CDR3
13 unique J



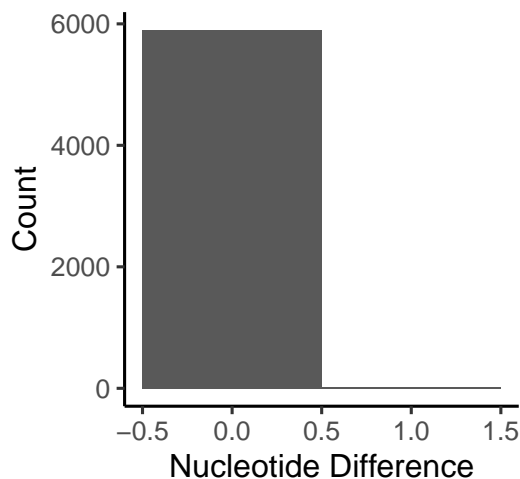
TRBV30*ap01

7261 sequences assigned
6633 (91.4%) exact matches, in which:
6472 unique CDR3
13 unique J



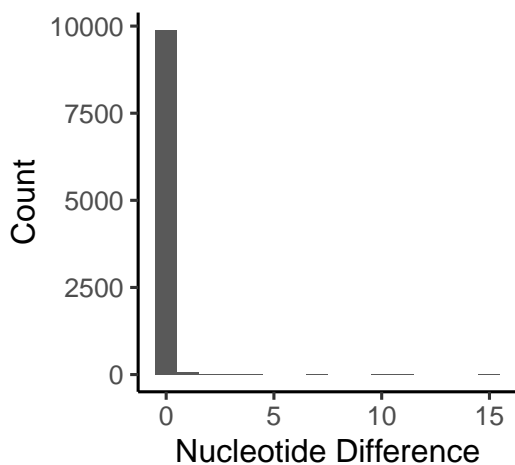
TRBV18*ap01

5915 sequences assigned
5898 (99.7%) exact matches, in which:
5875 unique CDR3
13 unique J



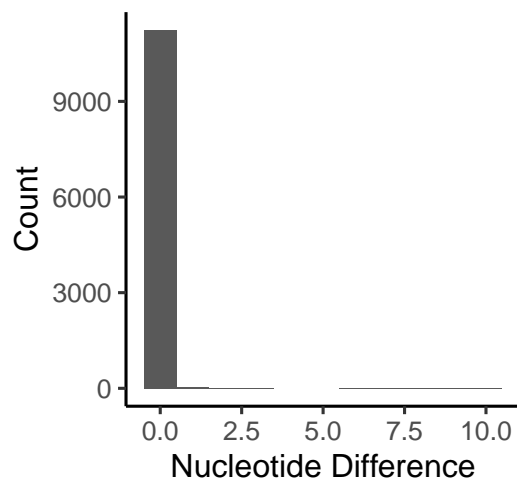
TRBV27*ap01

9975 sequences assigned
9894 (99.2%) exact matches, in which:
9797 unique CDR3
13 unique J



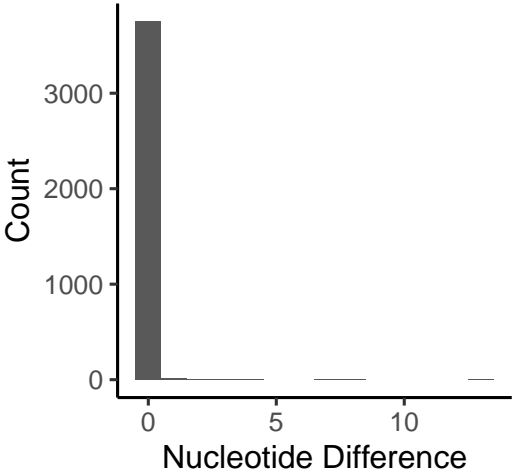
TRBV9*ap01

11284 sequences assigned
11238 (99.6%) exact matches, in which:
11177 unique CDR3
13 unique J



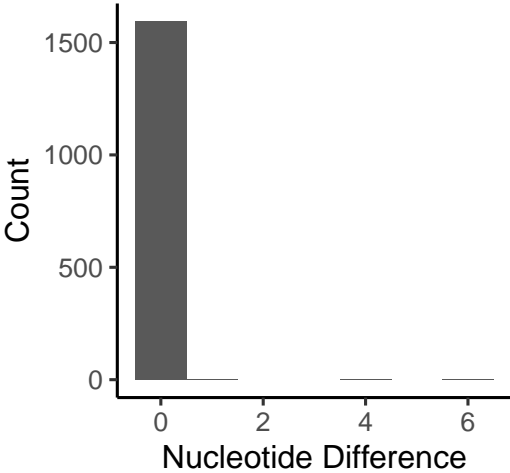
TRBV21-1*ap01

3799 sequences assigned
3752 (98.8%) exact matches, in which:
3734 unique CDR3
13 unique J



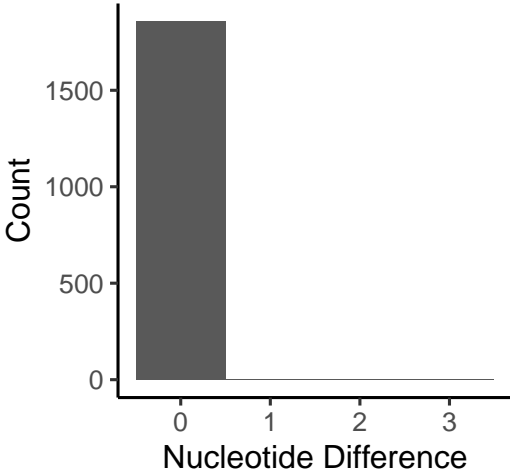
TRBV11-3*ap01

1599 sequences assigned
1594 (99.7%) exact matches, in which:
1591 unique CDR3
13 unique J



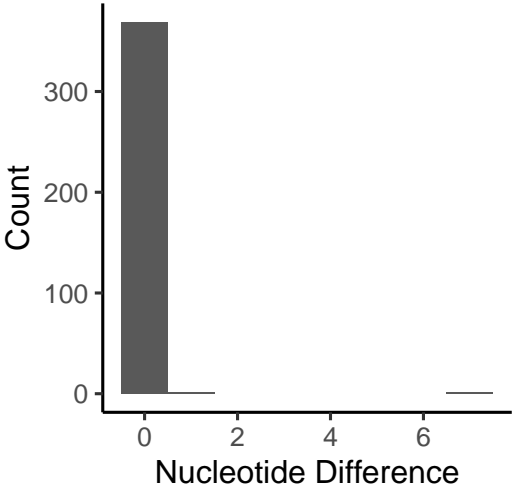
TRBV12-5*ap01

1865 sequences assigned
1857 (99.6%) exact matches, in which:
1845 unique CDR3
13 unique J



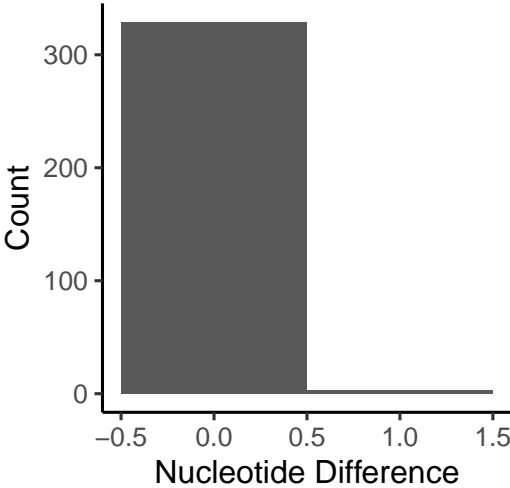
TRBV11-1*ap01

371 sequences assigned
369 (99.5%) exact matches, in which:
369 unique CDR3
13 unique J



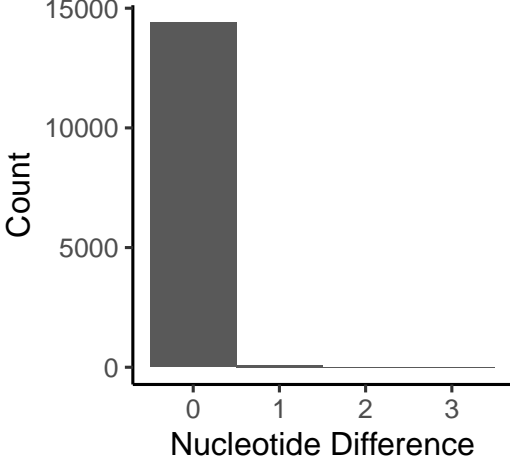
TRBV12-1*ap01

332 sequences assigned
329 (99.1%) exact matches, in which:
327 unique CDR3
12 unique J



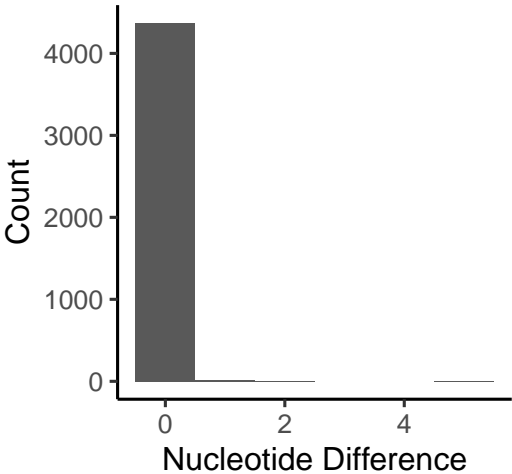
TRBV12-34*ap01

14508 sequences assigned
14404 (99.3%) exact matches, in which:
14290 unique CDR3
13 unique J



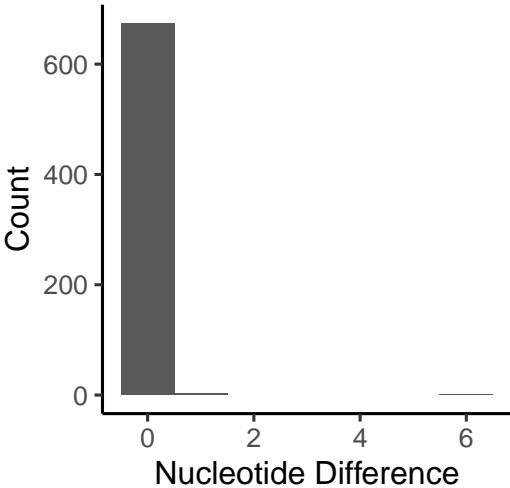
TRBV11-2*ap01

4388 sequences assigned
4370 (99.6%) exact matches, in which:
4357 unique CDR3
13 unique J



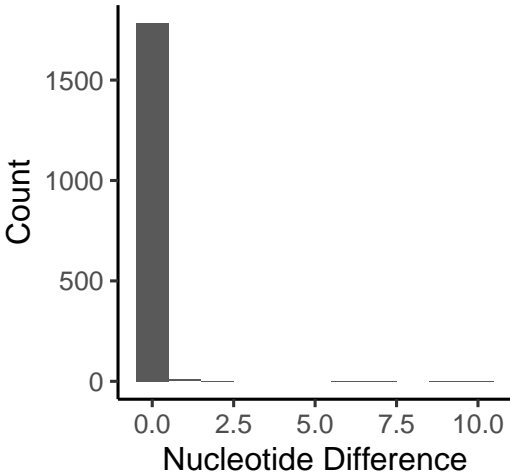
TRBV12-2*ap01

678 sequences assigned
674 (99.4%) exact matches, in which:
669 unique CDR3
13 unique J



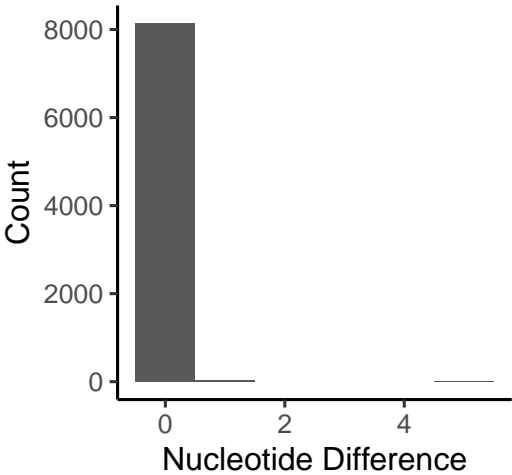
TRBV23-1*ap01

1799 sequences assigned
1784 (99.2%) exact matches, in which:
1770 unique CDR3
13 unique J



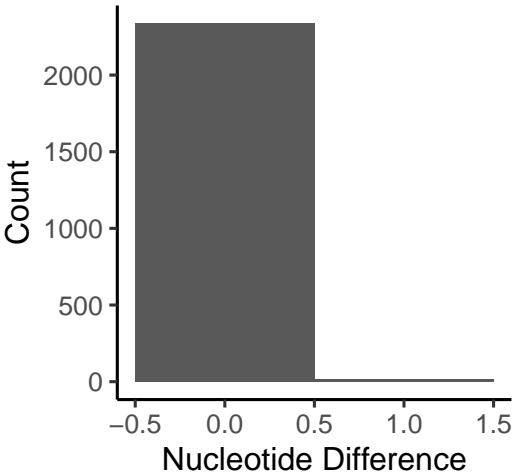
TRBV3-12*ap01

8172 sequences assigned
8139 (99.6%) exact matches, in which:
8101 unique CDR3
13 unique J



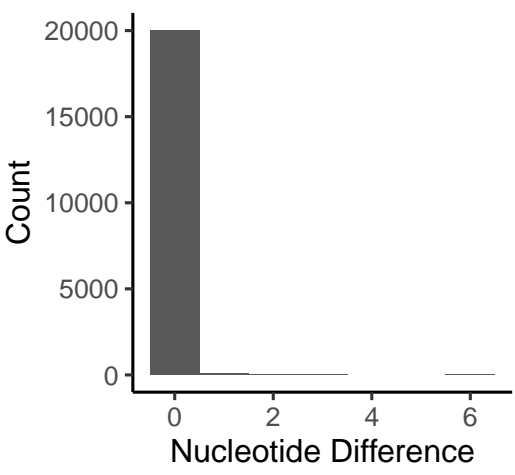
TRBV4-2*ap01

2356 sequences assigned
2337 (99.2%) exact matches, in which:
2305 unique CDR3
13 unique J



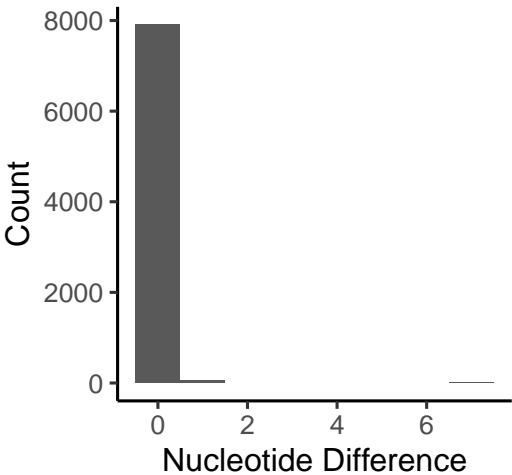
TRBV5-1*ap01

20140 sequences assigned
20027 (99.4%) exact matches, in which:
19801 unique CDR3
13 unique J



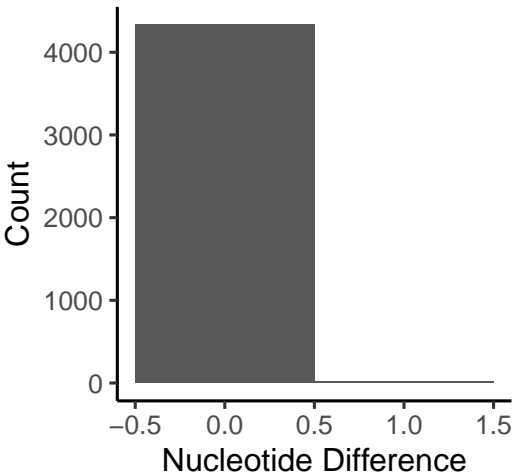
TRBV4-1*ap01

7953 sequences assigned
7907 (99.4%) exact matches, in which:
7787 unique CDR3
13 unique J



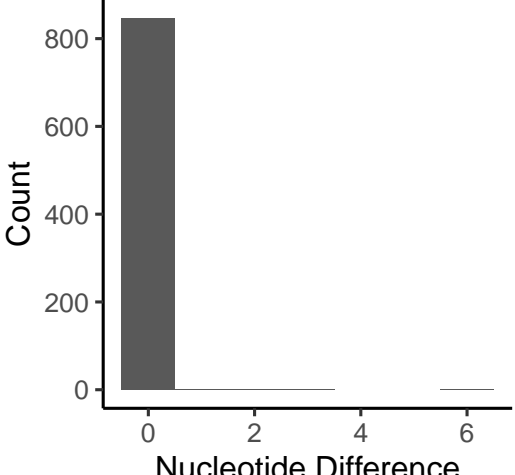
TRBV4-3*ap01

4355 sequences assigned
4333 (99.5%) exact matches, in which:
4253 unique CDR3
13 unique J



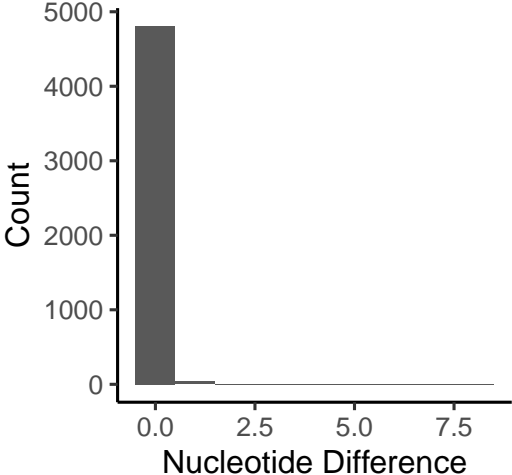
TRBV5-3*ap01

852 sequences assigned
847 (99.4%) exact matches, in which:
843 unique CDR3
13 unique J



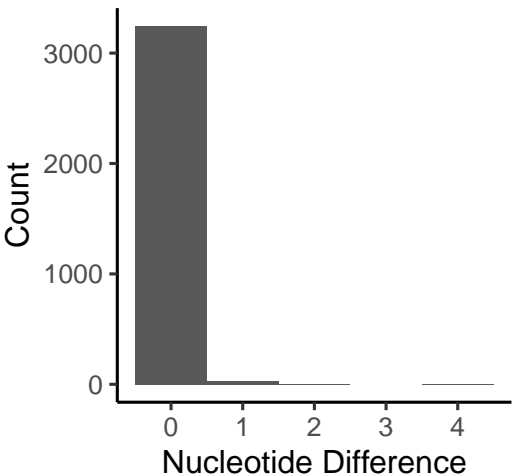
TRBV24-1*ap01

4861 sequences assigned
4808 (98.9%) exact matches, in which:
4753 unique CDR3
13 unique J



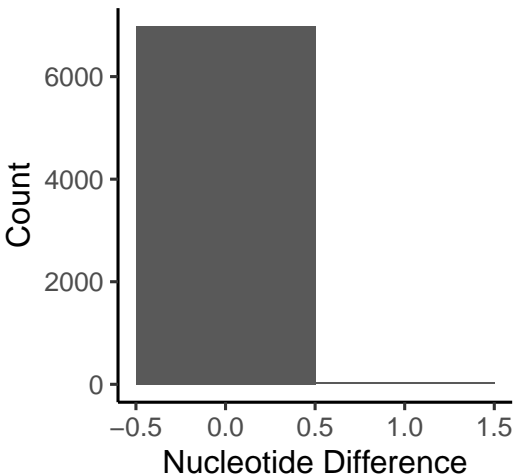
TRBV25-1*ap01

3279 sequences assigned
3245 (99%) exact matches, in which:
3184 unique CDR3
13 unique J



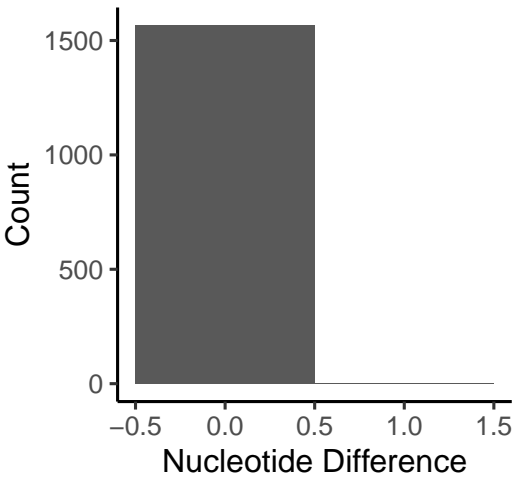
TRBV5-4*ap01

7019 sequences assigned
6986 (99.5%) exact matches, in which:
6901 unique CDR3
13 unique J



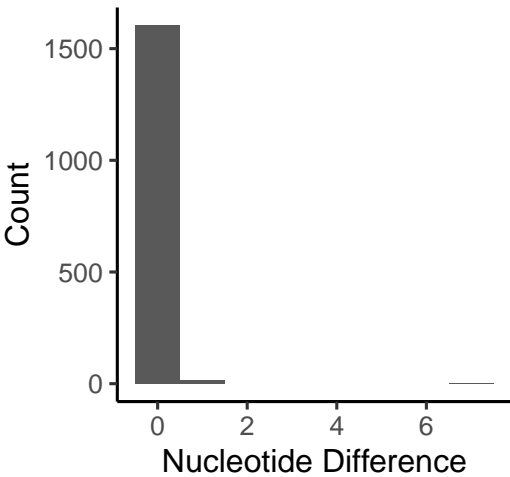
TRBV5-5*ap01

1569 sequences assigned
1566 (99.8%) exact matches, in which:
1560 unique CDR3
13 unique J



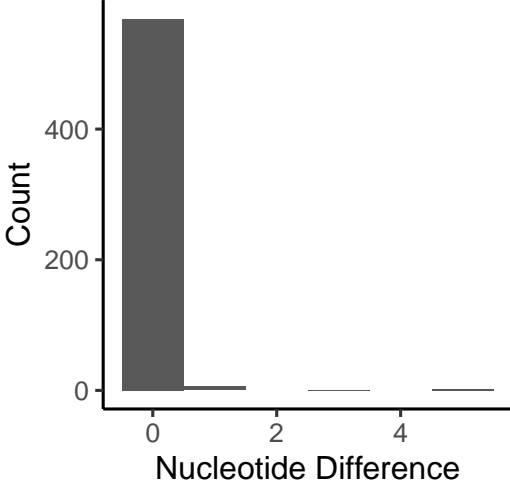
TRBV5-8*ap01

1619 sequences assigned
1604 (99.1%) exact matches, in which:
1588 unique CDR3
13 unique J



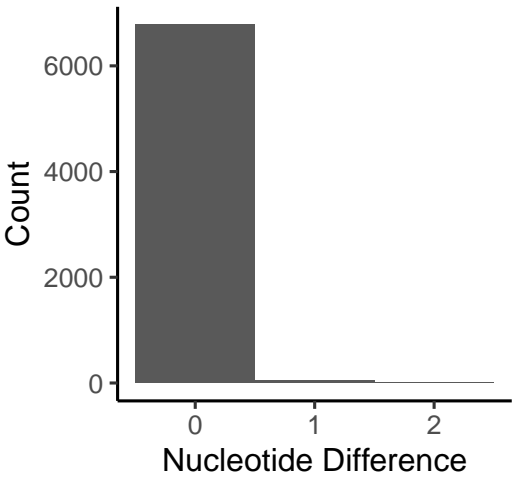
TRBV6-7*ap01

578 sequences assigned
569 (98.4%) exact matches, in which:
562 unique CDR3
13 unique J



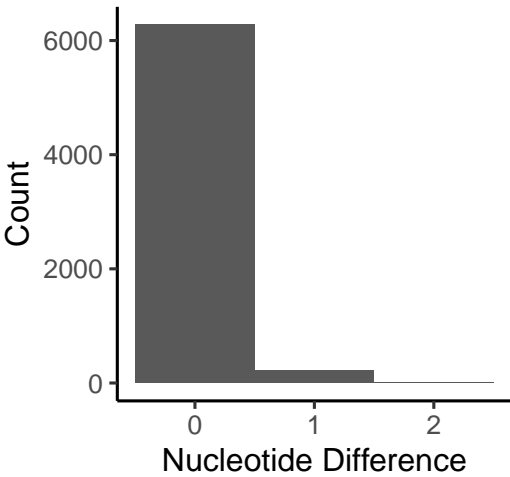
TRBV5-6*ap01

6821 sequences assigned
6778 (99.4%) exact matches, in which:
6640 unique CDR3
13 unique J



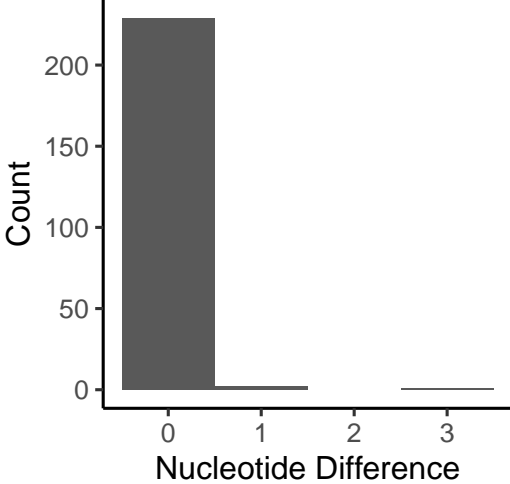
TRBV6-1*ap01

6501 sequences assigned
6277 (96.6%) exact matches, in which:
6187 unique CDR3
13 unique J



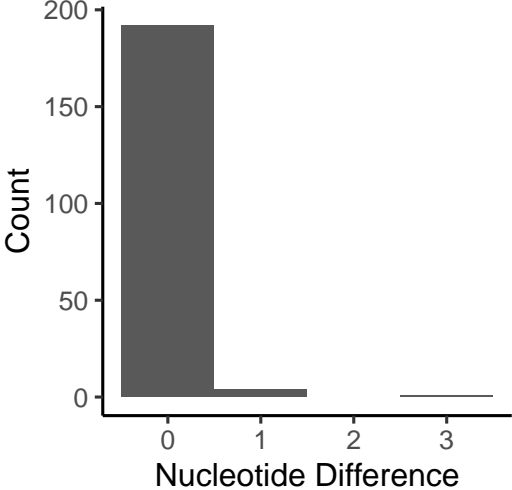
TRBV6-8*ap01

232 sequences assigned
229 (98.7%) exact matches, in which:
227 unique CDR3
13 unique J



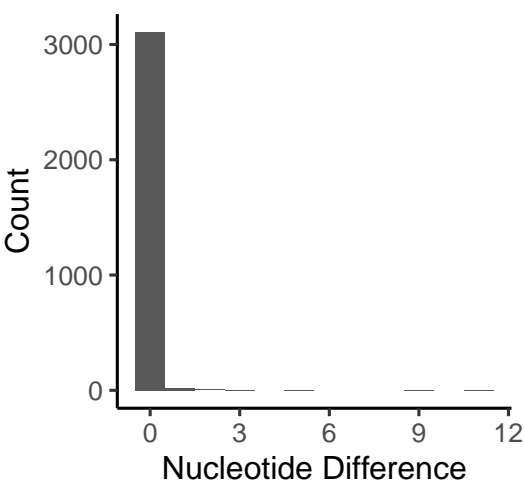
TRBV5-7*ap01

197 sequences assigned
192 (97.5%) exact matches, in which:
187 unique CDR3
13 unique J



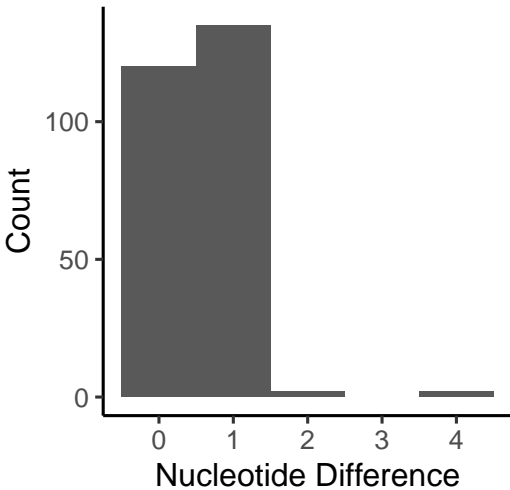
TRBV6-4*ap01

3138 sequences assigned
3108 (99%) exact matches, in which:
3095 unique CDR3
13 unique J



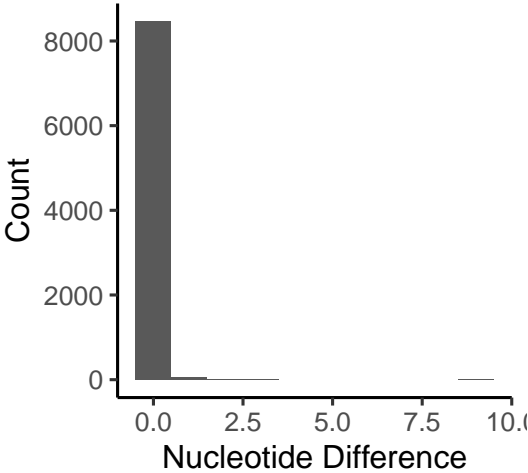
TRBV6-9*ap01

259 sequences assigned
120 (46.3%) exact matches, in which:
120 unique CDR3
13 unique J



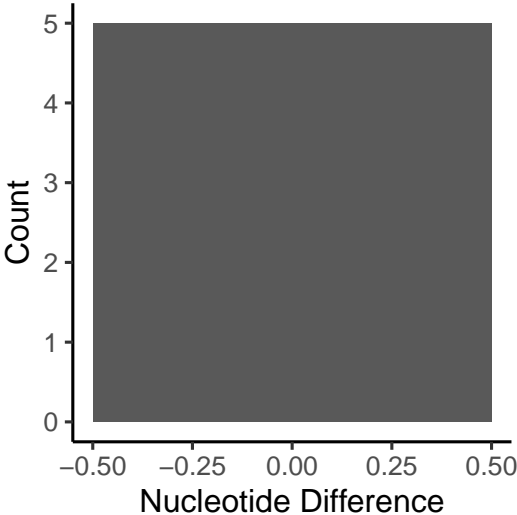
TRBV6-23*ap01

8534 sequences assigned
8462 (99.2%) exact matches, in which:
8304 unique CDR3
13 unique J



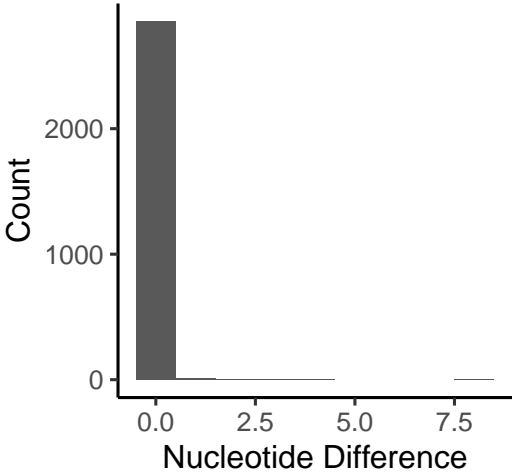
TRBV7-1*ap01

5 sequences assigned
5 (100%) exact matches, in which:
5 unique CDR3
5 unique J



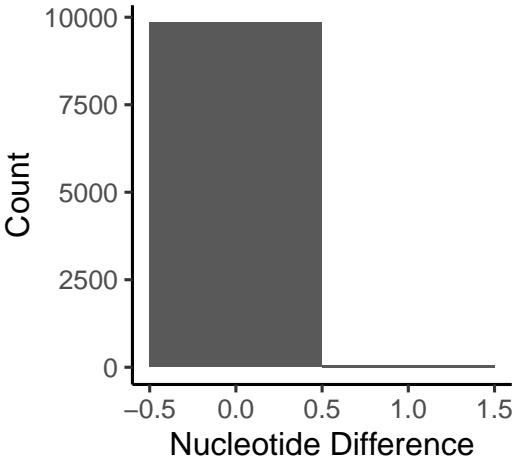
TRBV7-3*ap01

2873 sequences assigned
2855 (99.4%) exact matches, in which:
2845 unique CDR3
13 unique J



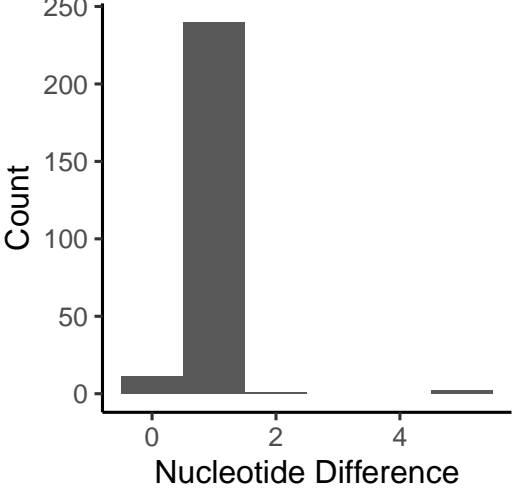
TRBV6-56*ap01

9916 sequences assigned
9850 (99.3%) exact matches, in which:
9690 unique CDR3
13 unique J



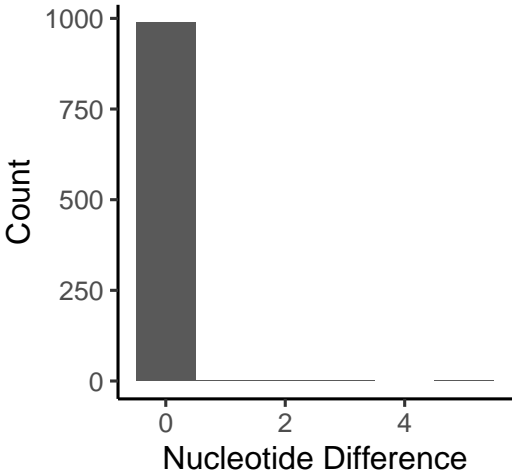
TRBV7-1*ap01_T296C_(

254 sequences assigned
11 (4.3%) exact matches, in which:
11 unique CDR3
7 unique J



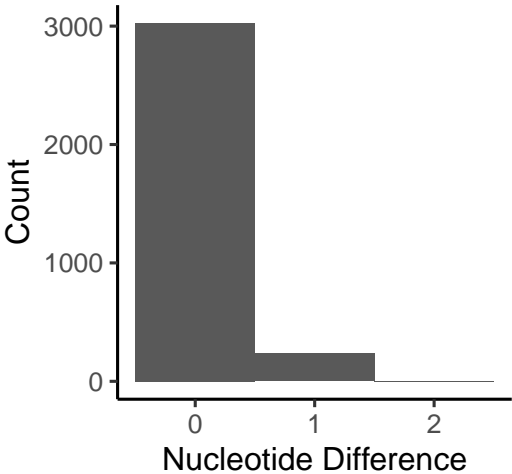
TRBV7-3*ap02

994 sequences assigned
988 (99.4%) exact matches, in which:
980 unique CDR3
13 unique J



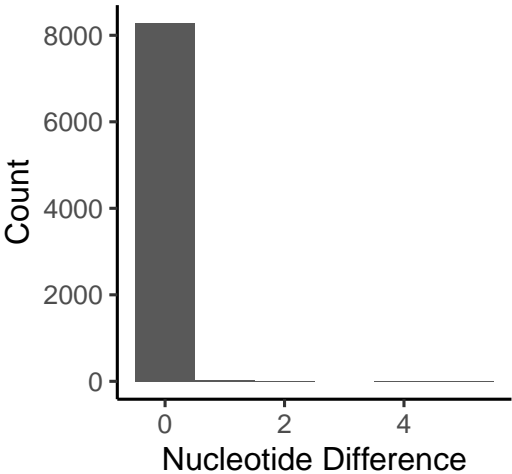
TRBV6-56*ap02

3262 sequences assigned
3026 (92.8%) exact matches, in which:
2987 unique CDR3
13 unique J



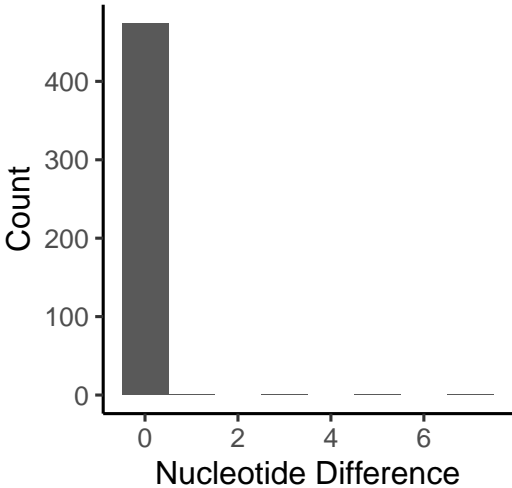
TRBV7-2*ap01

8317 sequences assigned
8283 (99.6%) exact matches, in which:
8214 unique CDR3
13 unique J



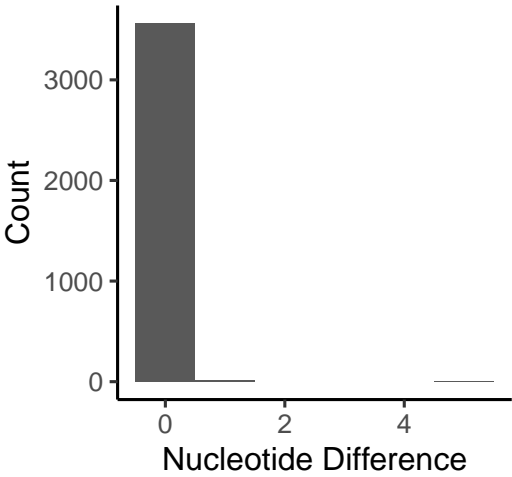
TRBV7-4*ap01

478 sequences assigned
474 (99.2%) exact matches, in which:
469 unique CDR3
13 unique J



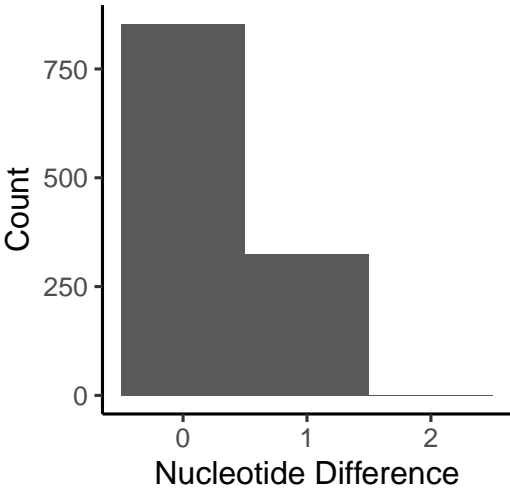
TRBV7-6*ap01

3578 sequences assigned
3561 (99.5%) exact matches, in which:
3522 unique CDR3
13 unique J



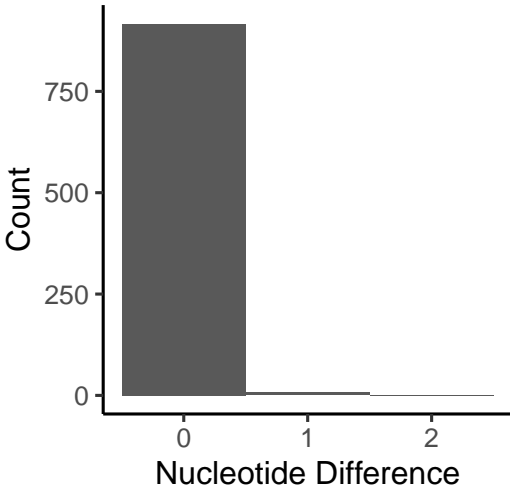
TRBV7-8*ap03

1180 sequences assigned
854 (72.4%) exact matches, in which:
845 unique CDR3
13 unique J



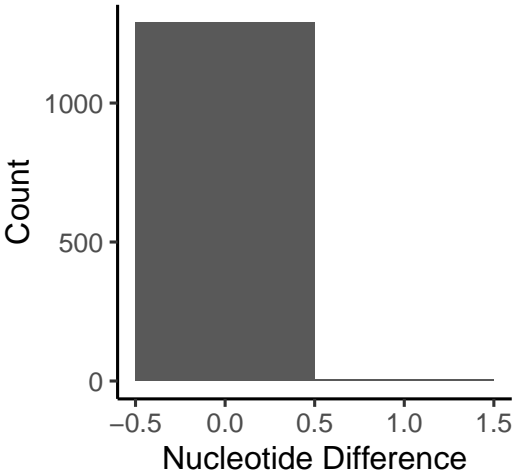
TRBV29-1*ap02

925 sequences assigned
917 (99.1%) exact matches, in which:
889 unique CDR3
13 unique J



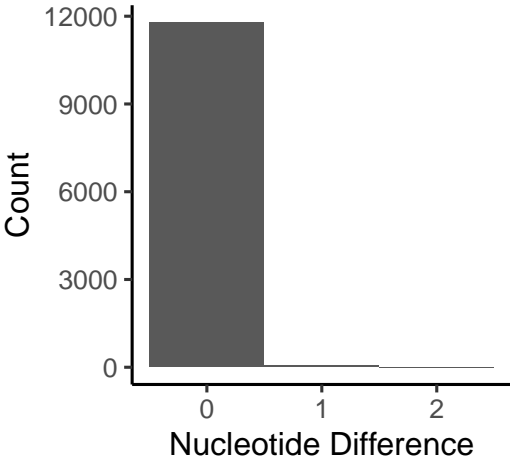
TRBV7-7*ap01

1295 sequences assigned
1289 (99.5%) exact matches, in which:
1277 unique CDR3
13 unique J



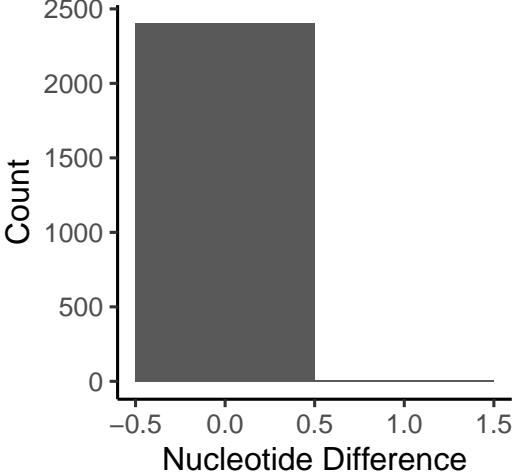
TRBV7-9*ap01

11843 sequences assigned
11786 (99.5%) exact matches, in which:
11663 unique CDR3
13 unique J



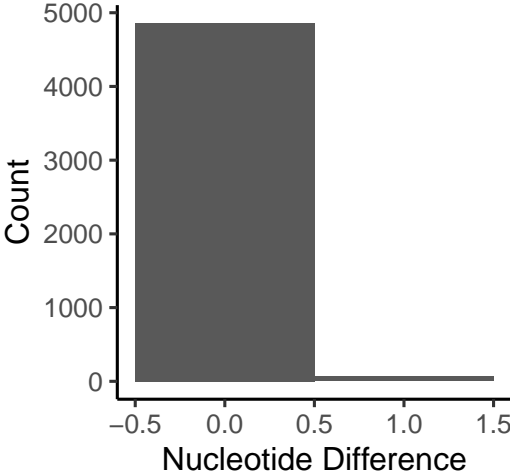
TRBV7-8*ap01

2412 sequences assigned
2405 (99.7%) exact matches, in which:
2385 unique CDR3
13 unique J



TRBV29-1*ap01

4924 sequences assigned
4860 (98.7%) exact matches, in which:
4742 unique CDR3
13 unique J



TRBV7-1*ap01_T296C_C314T

