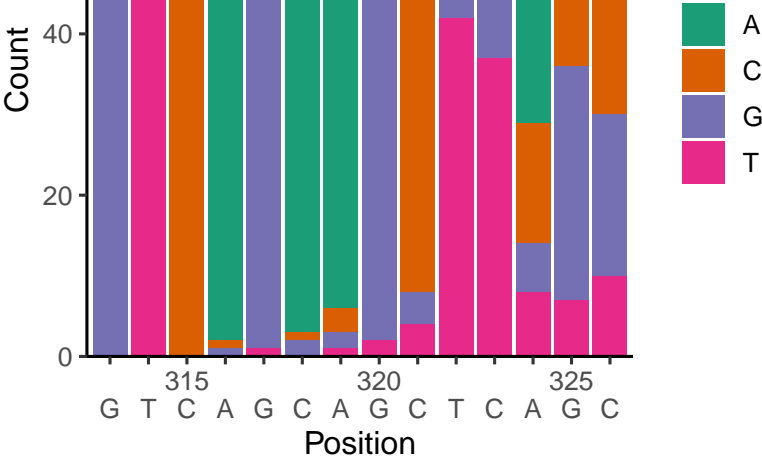
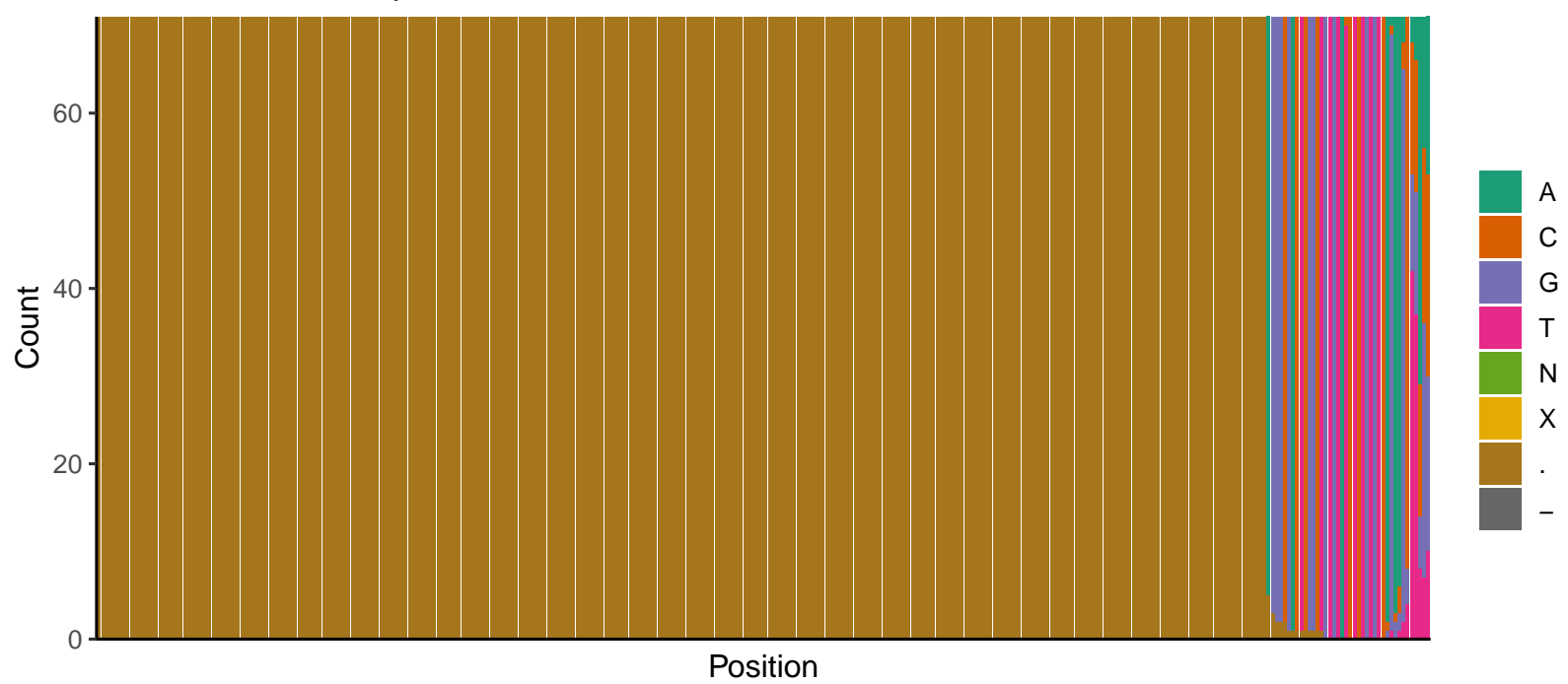


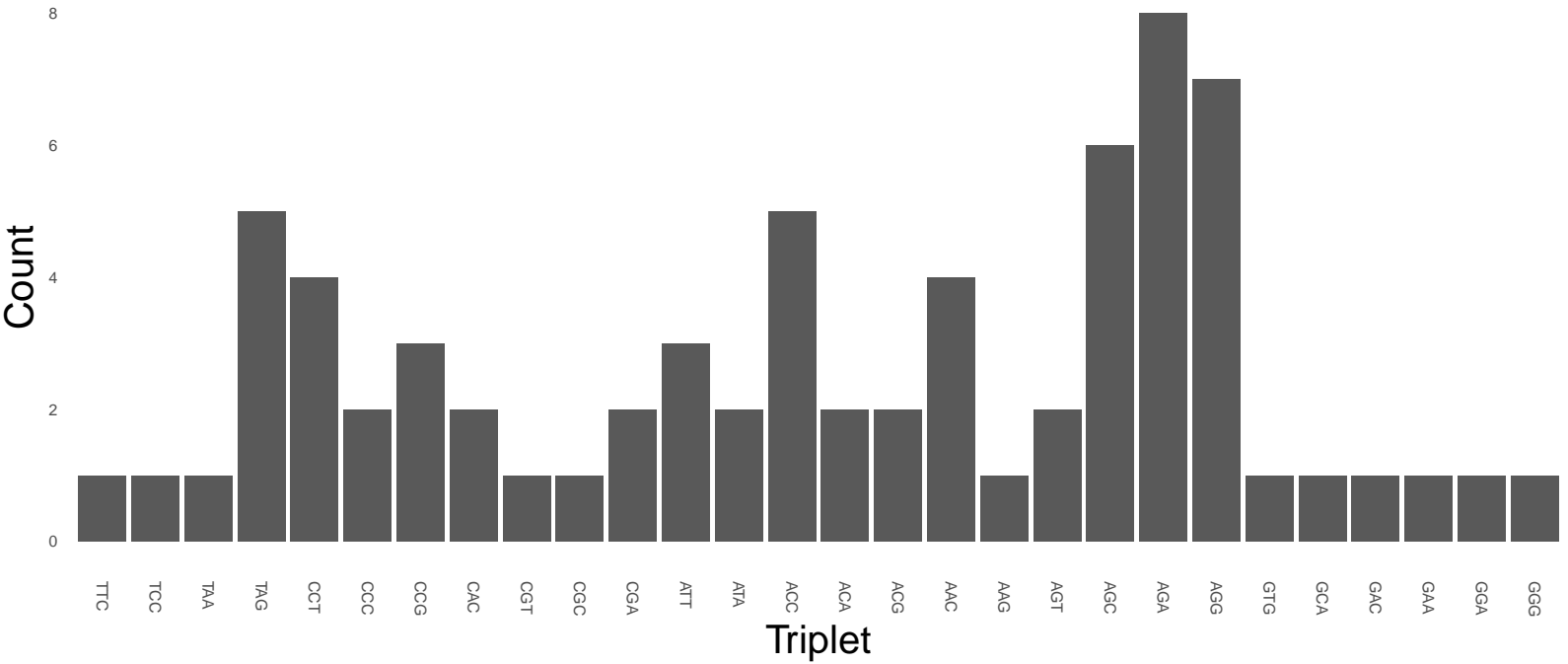
Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-1*ap01_T296C_C314T

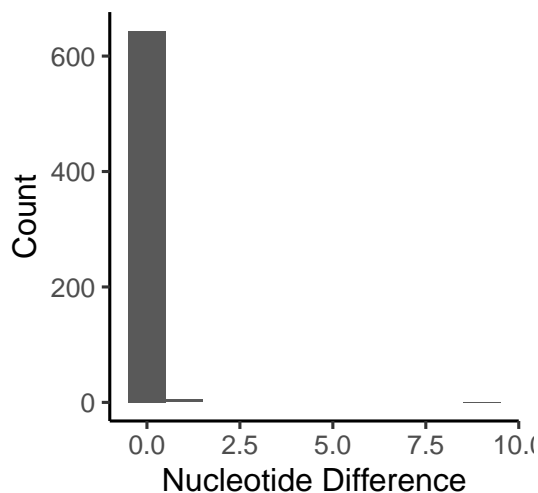


TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



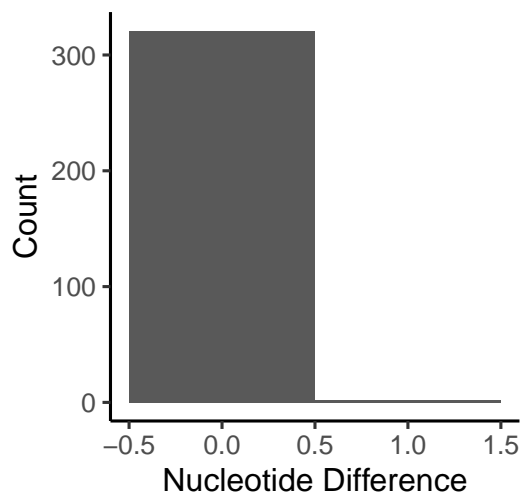
TRBV10–1*ap01

650 sequences assigned
644 (99.1%) exact matches, in which:
640 unique CDR3
13 unique J



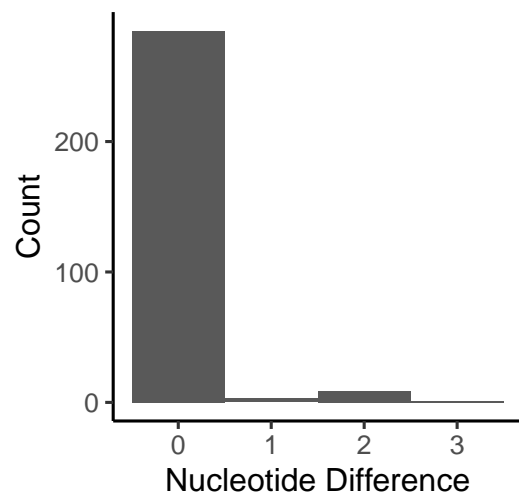
TRBV10–2*ap01

323 sequences assigned
321 (99.4%) exact matches, in which:
320 unique CDR3
13 unique J



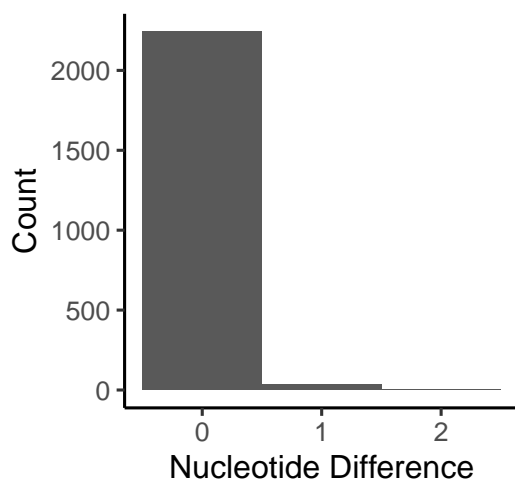
TRBV13*ap01

298 sequences assigned
285 (95.6%) exact matches, in which:
277 unique CDR3
13 unique J



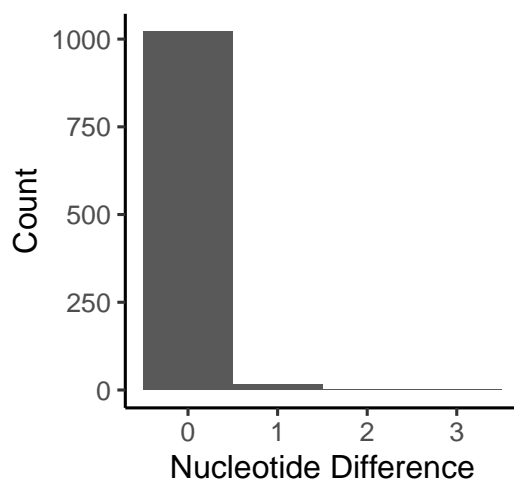
TRBV20–1*ap01

2278 sequences assigned
2242 (98.4%) exact matches, in which:
2214 unique CDR3
13 unique J



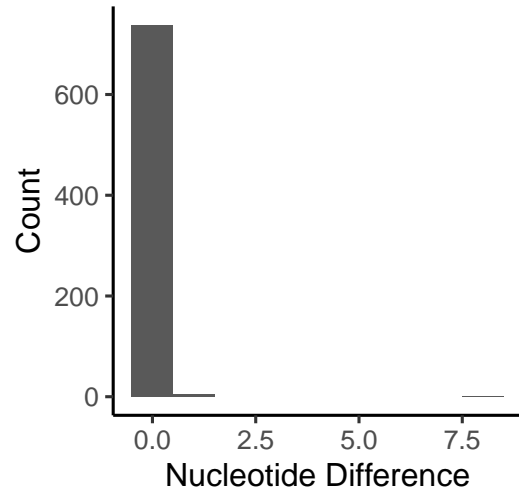
TRBV10–3*ap01

1039 sequences assigned
1021 (98.3%) exact matches, in which:
1009 unique CDR3
14 unique J



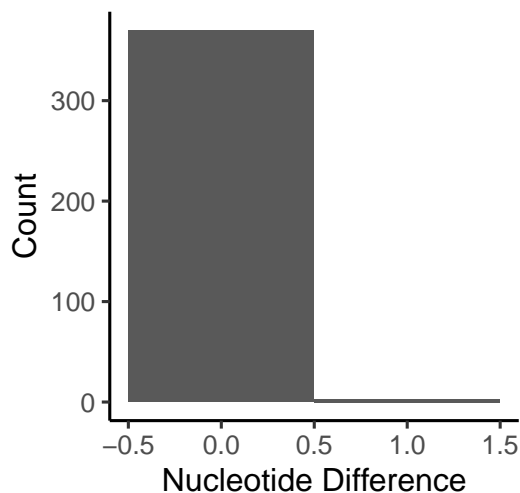
TRBV14*ap01

743 sequences assigned
738 (99.3%) exact matches, in which:
728 unique CDR3
13 unique J



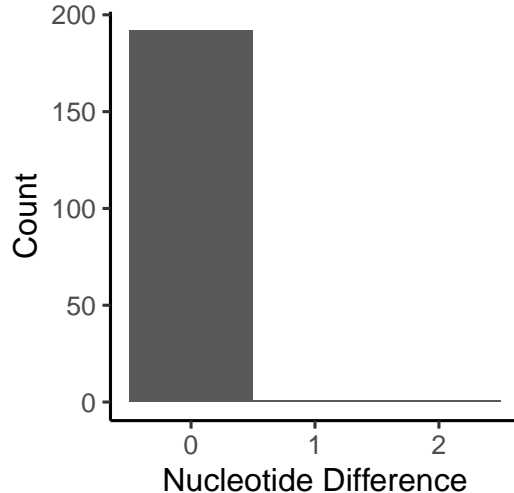
TRBV20–1*ap02

373 sequences assigned
370 (99.2%) exact matches, in which:
367 unique CDR3
13 unique J



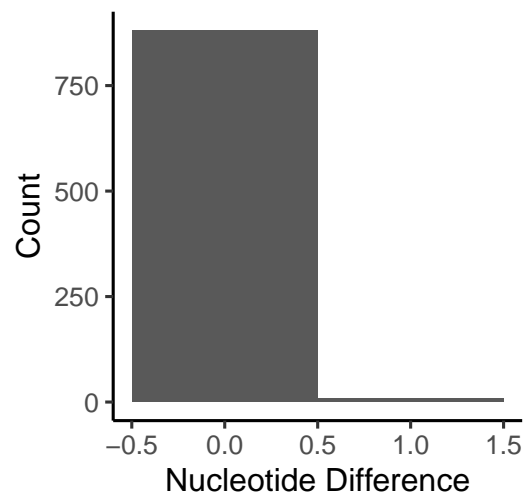
TRBV1*ap01

194 sequences assigned
192 (99%) exact matches, in which:
192 unique CDR3
13 unique J



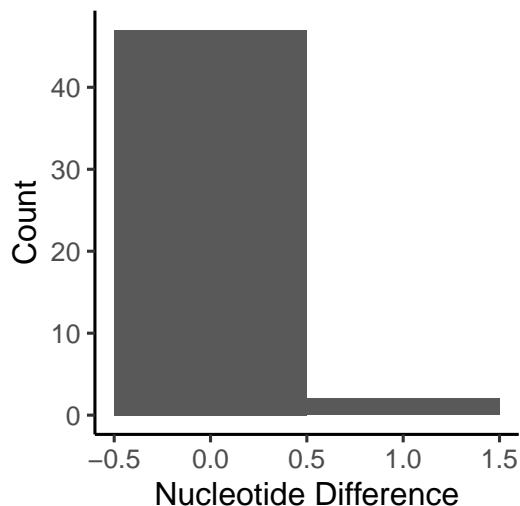
TRBV15*ap02

890 sequences assigned
881 (99%) exact matches, in which:
871 unique CDR3
13 unique J



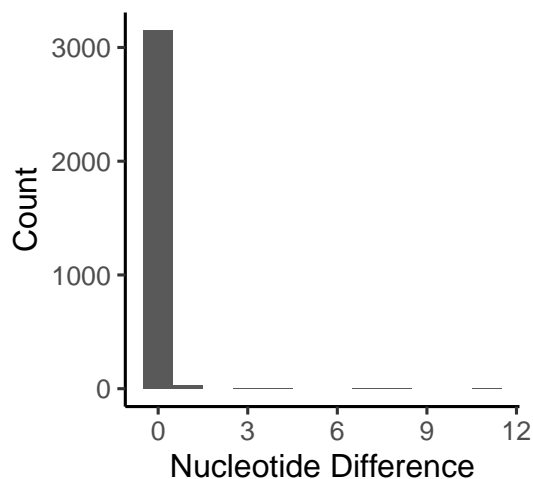
TRBV16*ap01

49 sequences assigned
47 (95.9%) exact matches, in which:
47 unique CDR3
11 unique J



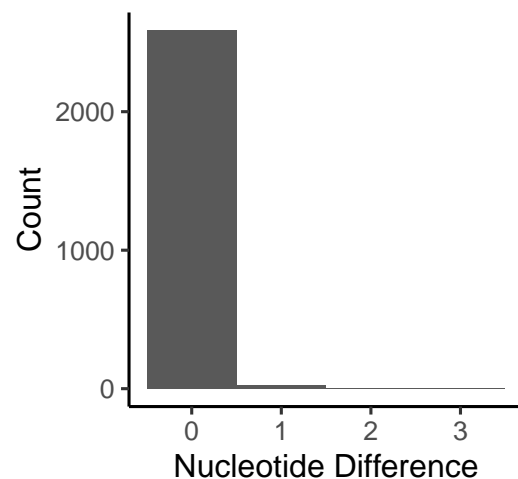
TRBV19*ap01

3184 sequences assigned
3150 (98.9%) exact matches, in which:
3114 unique CDR3
13 unique J



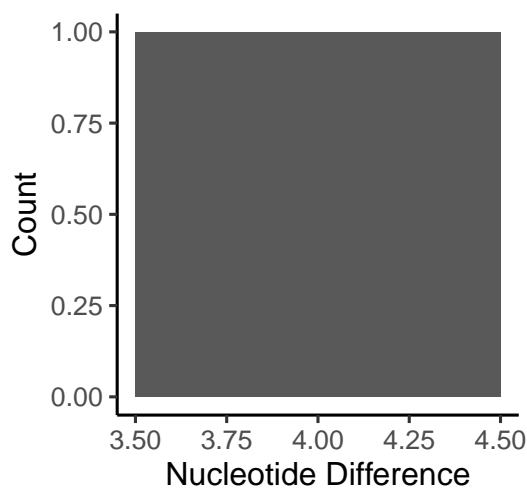
TRBV28*ap01

2612 sequences assigned
2587 (99%) exact matches, in which:
2553 unique CDR3
13 unique J



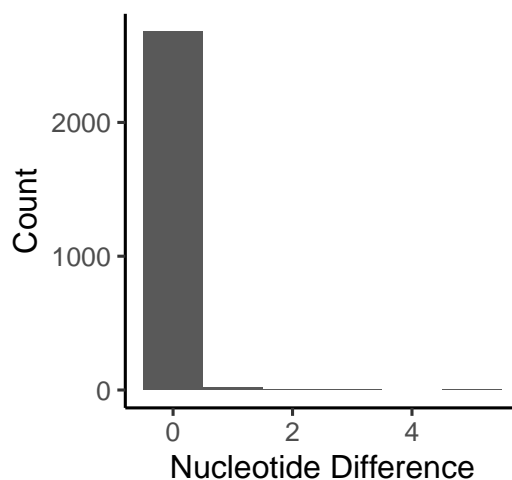
TRBV17*ap01

1 sequences assigned
No exact matches.



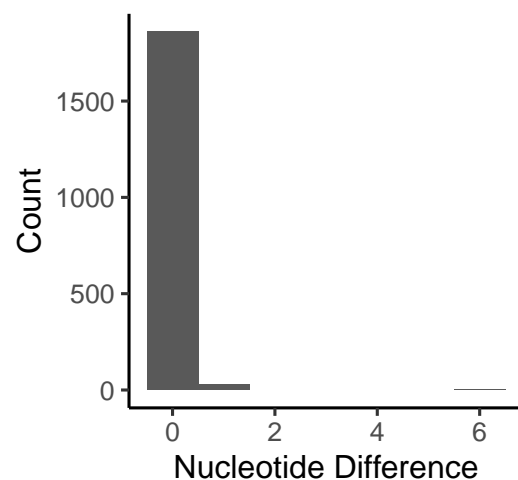
TRBV2*ap01

2706 sequences assigned
2678 (99%) exact matches, in which:
2669 unique CDR3
13 unique J



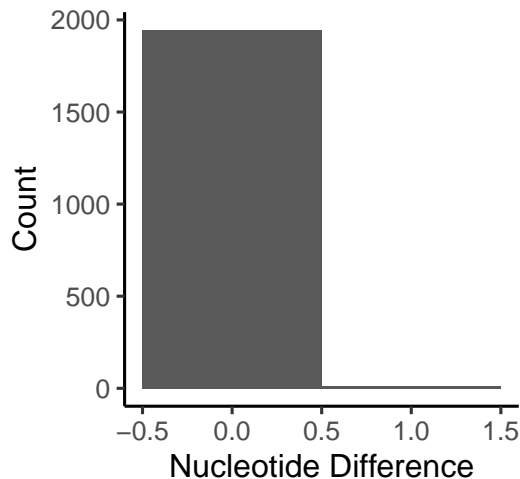
TRBV30*ap01

1891 sequences assigned
1860 (98.4%) exact matches, in which:
1848 unique CDR3
13 unique J



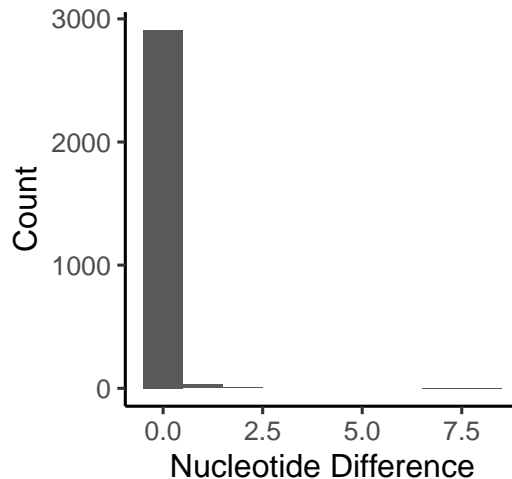
TRBV18*ap01

1956 sequences assigned
1945 (99.4%) exact matches, in which:
1931 unique CDR3
13 unique J



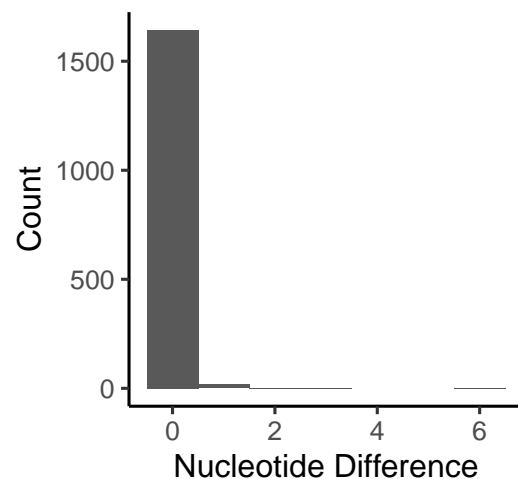
TRBV27*ap01

2948 sequences assigned
2909 (98.7%) exact matches, in which:
2888 unique CDR3
13 unique J



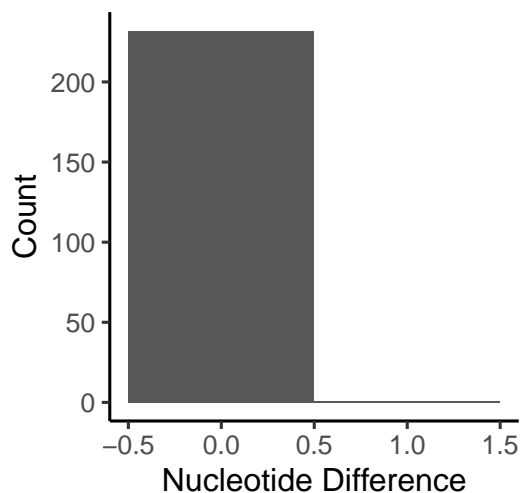
TRBV9*ap01

1665 sequences assigned
1643 (98.7%) exact matches, in which:
1620 unique CDR3
13 unique J



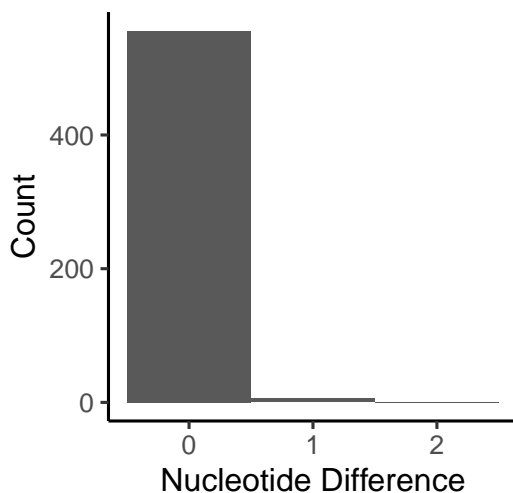
TRBV11–1*ap01

233 sequences assigned
232 (99.6%) exact matches, in which:
230 unique CDR3
13 unique J



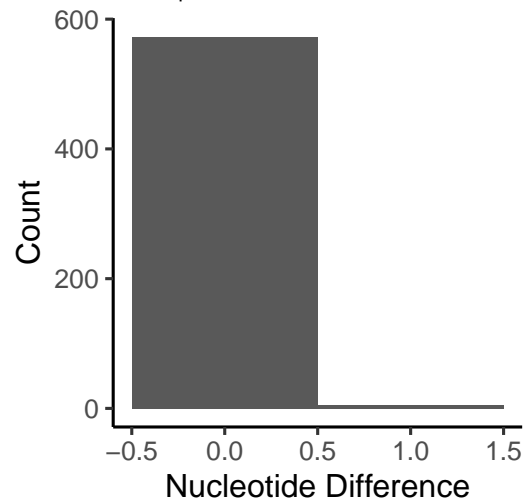
TRBV11–3*ap01

563 sequences assigned
556 (98.8%) exact matches, in which:
552 unique CDR3
13 unique J



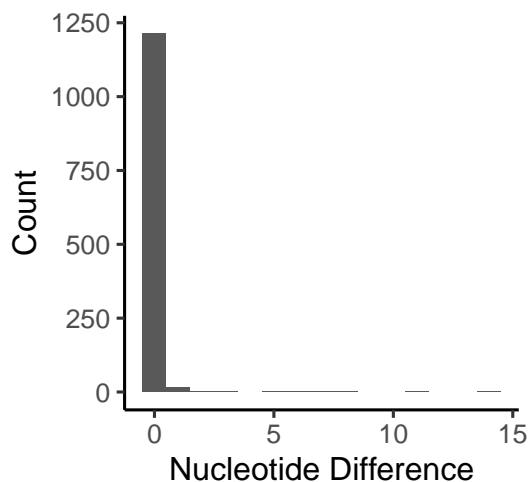
TRBV12–5*ap01

578 sequences assigned
573 (99.1%) exact matches, in which:
566 unique CDR3
13 unique J



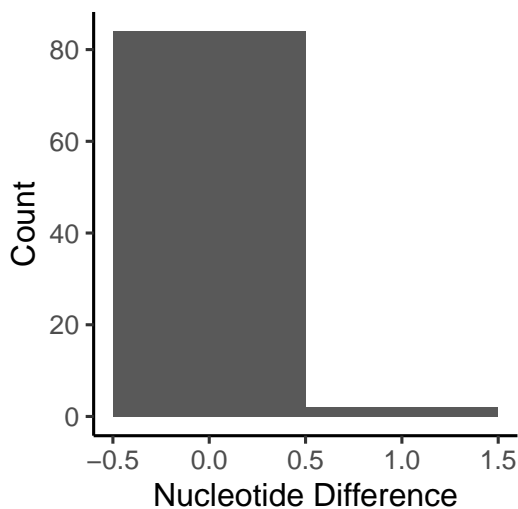
TRBV21–1*ap01

1238 sequences assigned
1213 (98%) exact matches, in which:
1193 unique CDR3
13 unique J



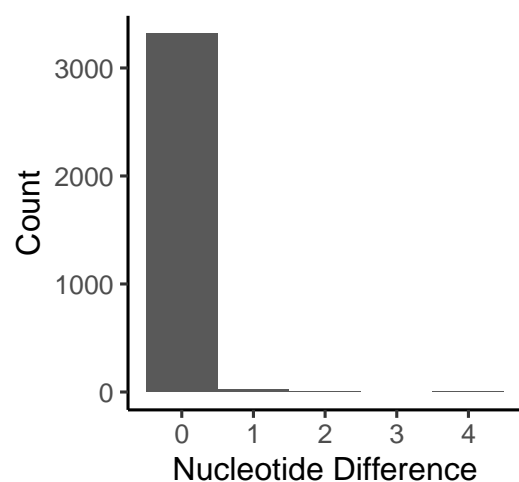
TRBV12–1*ap01

86 sequences assigned
84 (97.7%) exact matches, in which:
84 unique CDR3
13 unique J



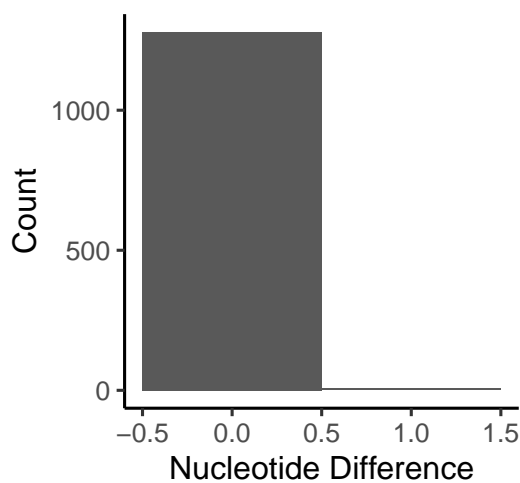
TRBV12–34*ap01

3344 sequences assigned
3317 (99.2%) exact matches, in which:
3293 unique CDR3
13 unique J



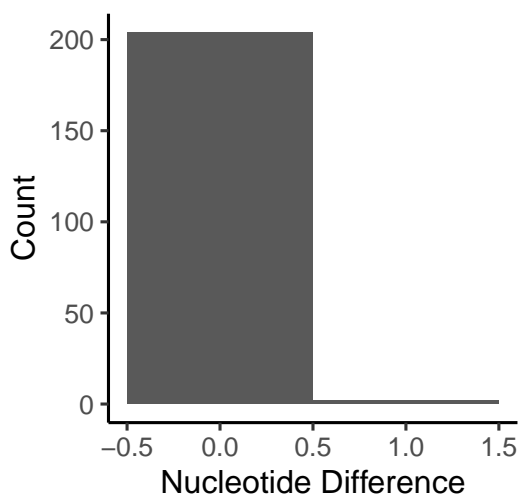
TRBV11–2*ap01

1286 sequences assigned
1279 (99.5%) exact matches, in which:
1268 unique CDR3
13 unique J



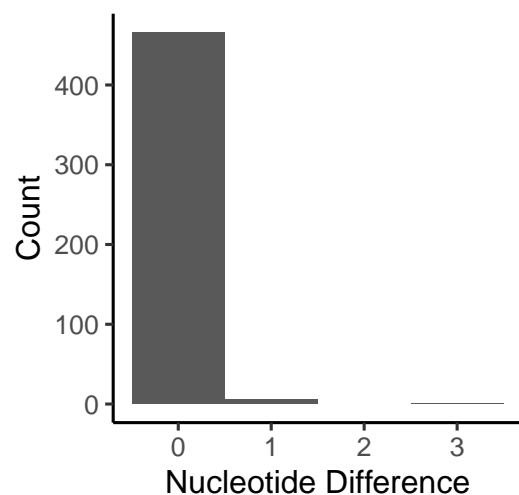
TRBV12–2*ap01

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



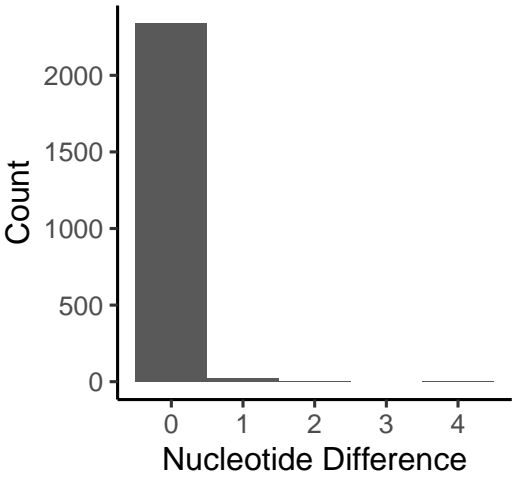
TRBV23–1*ap01

473 sequences assigned
466 (98.5%) exact matches, in which:
464 unique CDR3
13 unique J



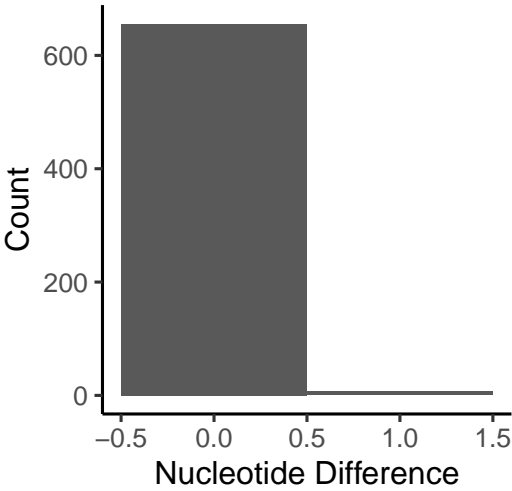
TRBV3-12*ap01

2368 sequences assigned
2339 (98.8%) exact matches, in which:
2327 unique CDR3
13 unique J



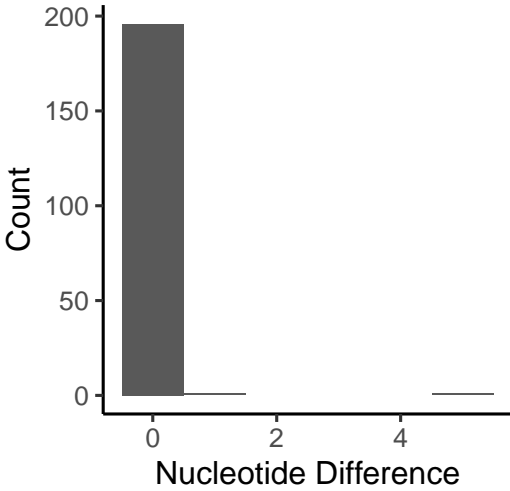
TRBV4-2*ap01

663 sequences assigned
656 (98.9%) exact matches, in which:
652 unique CDR3
13 unique J



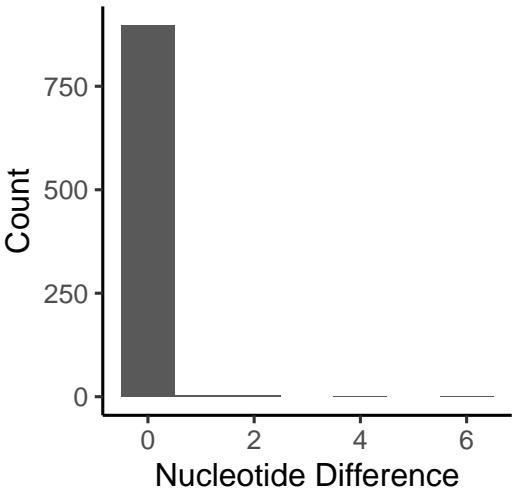
TRBV5-3*ap01

198 sequences assigned
196 (99%) exact matches, in which:
195 unique CDR3
13 unique J



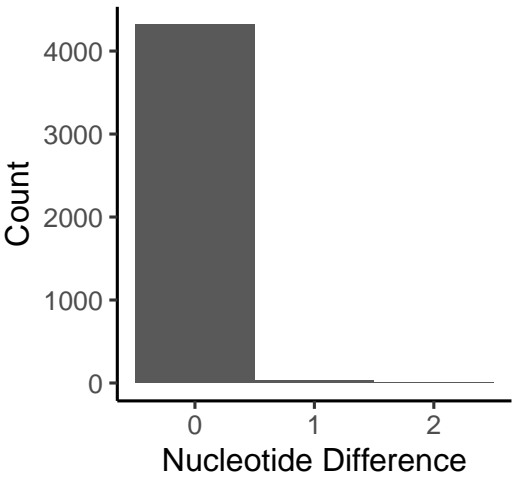
TRBV24-1*ap01

907 sequences assigned
898 (99%) exact matches, in which:
897 unique CDR3
13 unique J



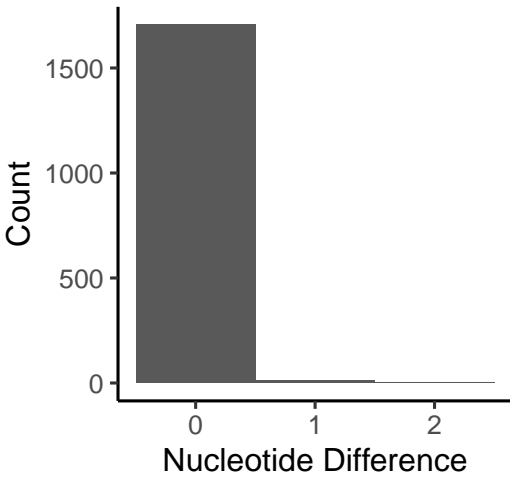
TRBV5-1*ap01

4353 sequences assigned
4317 (99.2%) exact matches, in which:
4221 unique CDR3
13 unique J



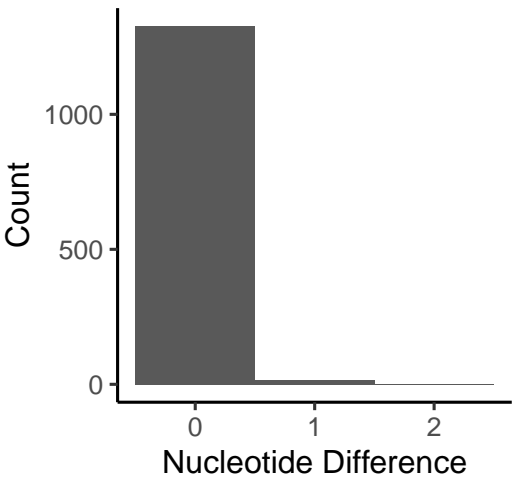
TRBV5-4*ap01

1720 sequences assigned
1706 (99.2%) exact matches, in which:
1693 unique CDR3
13 unique J



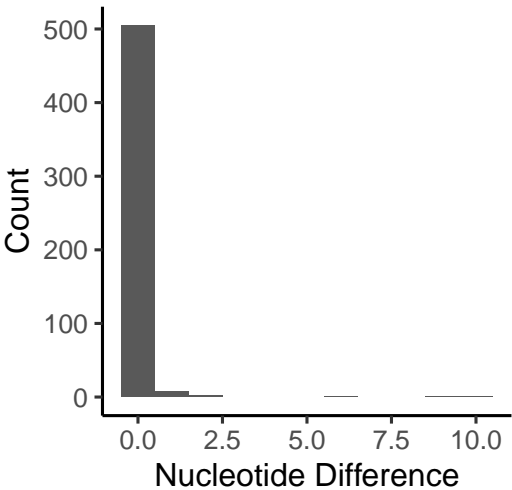
TRBV4-1*ap01

1344 sequences assigned
1327 (98.7%) exact matches, in which:
1321 unique CDR3
13 unique J



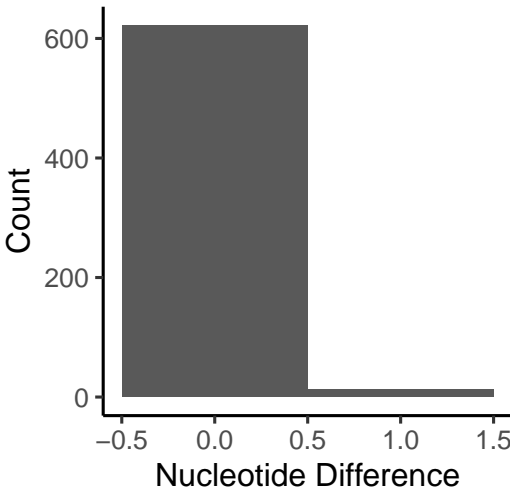
TRBV25-1*ap01

518 sequences assigned
505 (97.5%) exact matches, in which:
504 unique CDR3
13 unique J



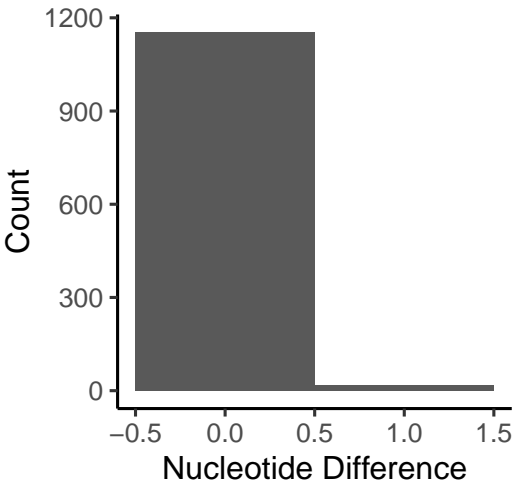
TRBV5-5*ap01

634 sequences assigned
622 (98.1%) exact matches, in which:
616 unique CDR3
13 unique J



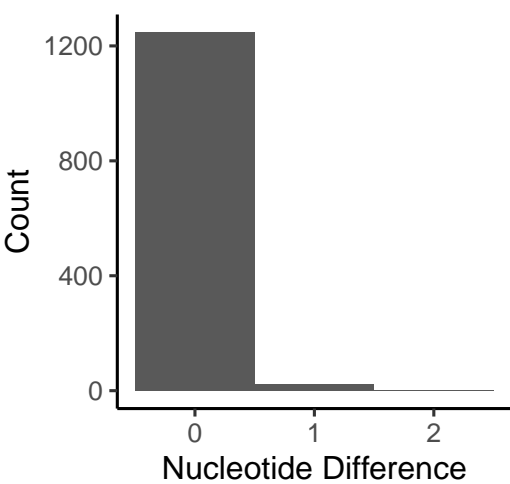
TRBV5-6*ap01

1170 sequences assigned
1153 (98.5%) exact matches, in which:
1148 unique CDR3
13 unique J



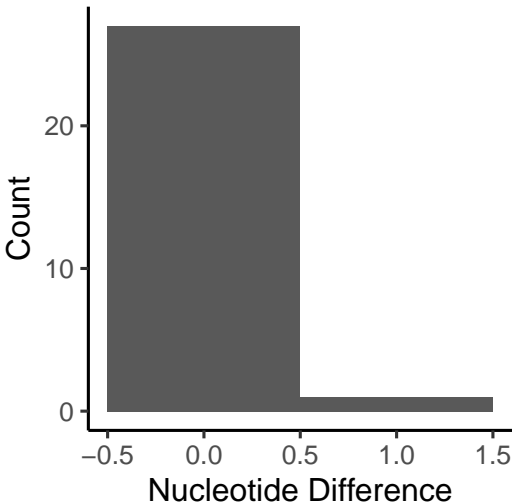
TRBV6-1*ap01

1272 sequences assigned
1247 (98%) exact matches, in which:
1238 unique CDR3
13 unique J



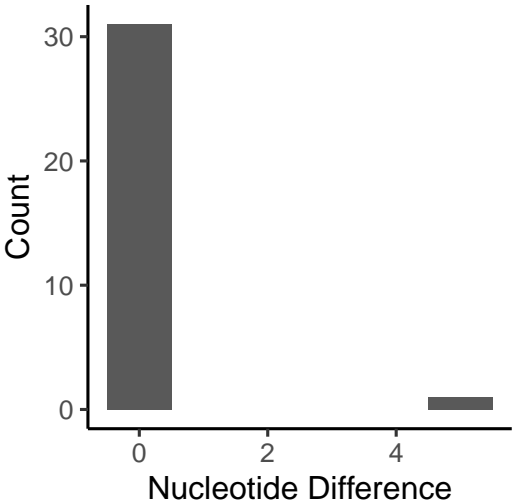
TRBV6-8*ap01

28 sequences assigned
27 (96.4%) exact matches, in which:
27 unique CDR3
9 unique J



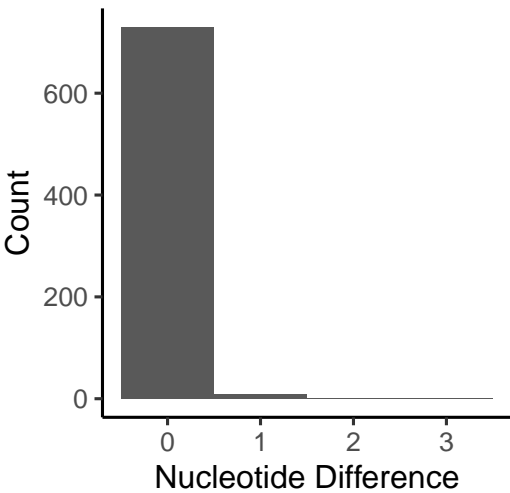
TRBV5-7*ap01

32 sequences assigned
31 (96.9%) exact matches, in which:
31 unique CDR3
10 unique J



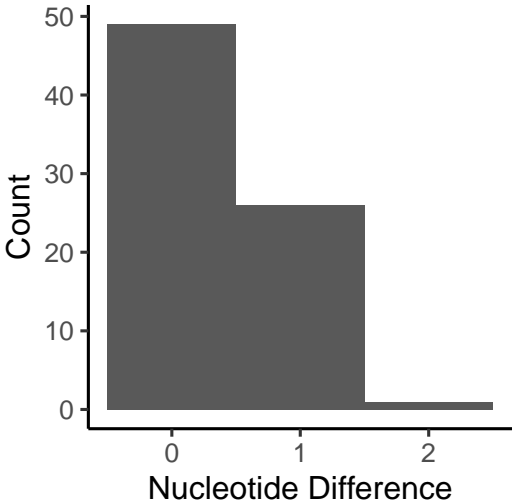
TRBV6-4*ap01

741 sequences assigned
730 (98.5%) exact matches, in which:
726 unique CDR3
13 unique J



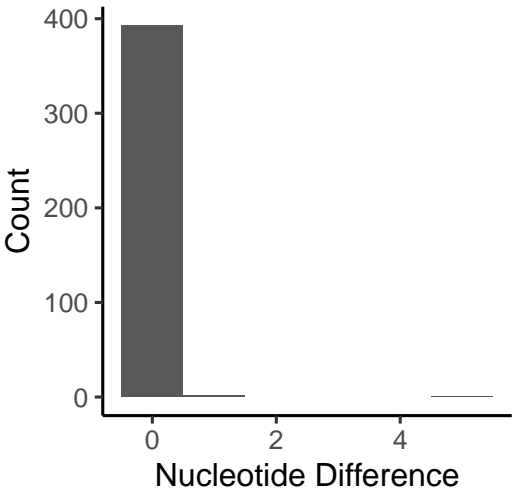
TRBV6-9*ap01

76 sequences assigned
49 (64.5%) exact matches, in which:
48 unique CDR3
12 unique J



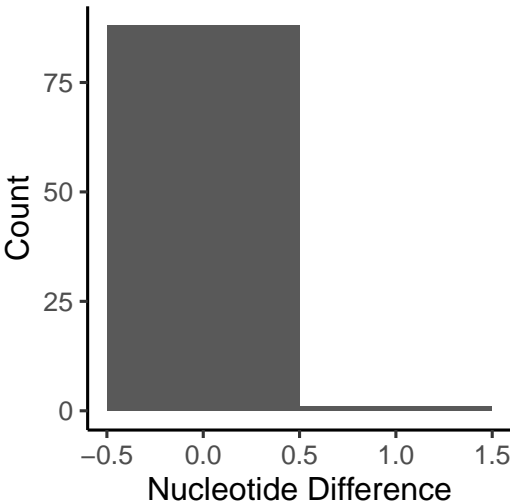
TRBV5-8*ap01

396 sequences assigned
393 (99.2%) exact matches, in which:
386 unique CDR3
13 unique J



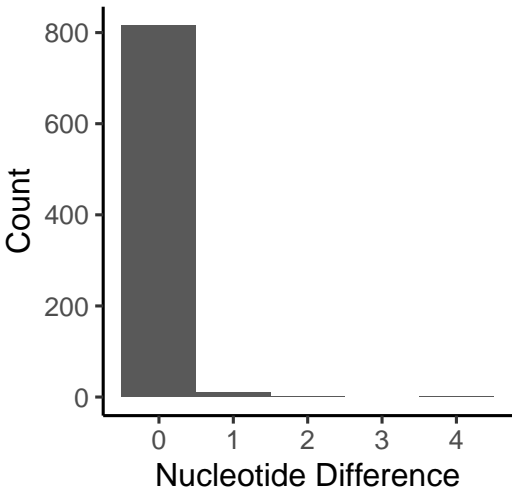
TRBV6-7*ap01

89 sequences assigned
88 (98.9%) exact matches, in which:
88 unique CDR3
13 unique J



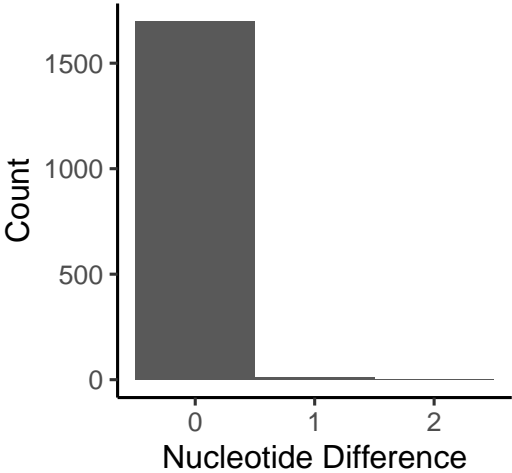
TRBV6-23*ap01

829 sequences assigned
816 (98.4%) exact matches, in which:
811 unique CDR3
13 unique J



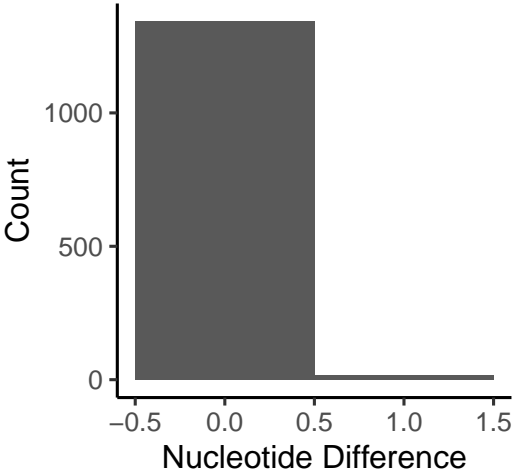
TRBV6-56*ap01

1710 sequences assigned
1698 (99.3%) exact matches, in which:
1688 unique CDR3
13 unique J



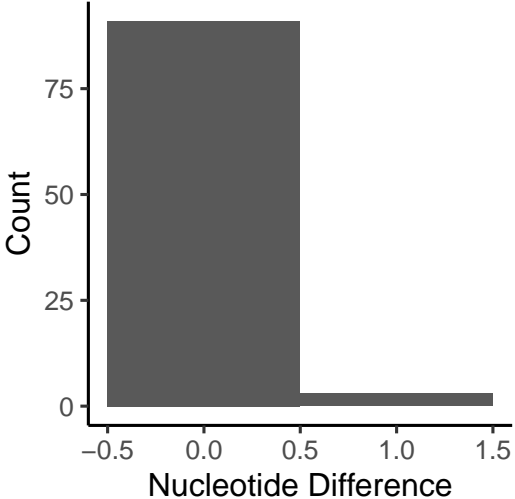
TRBV7-2*ap01

1361 sequences assigned
1343 (98.7%) exact matches, in which:
1320 unique CDR3
14 unique J



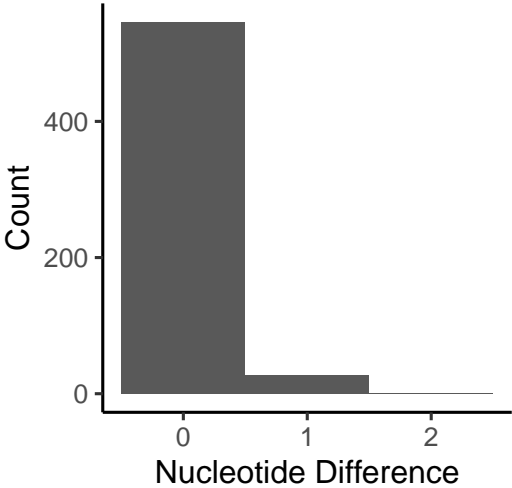
TRBV7-4*ap01

94 sequences assigned
91 (96.8%) exact matches, in which:
91 unique CDR3
12 unique J



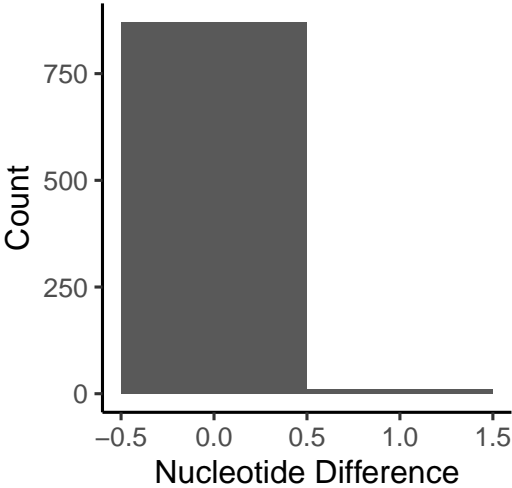
TRBV6-56*ap02

574 sequences assigned
546 (95.1%) exact matches, in which:
541 unique CDR3
13 unique J



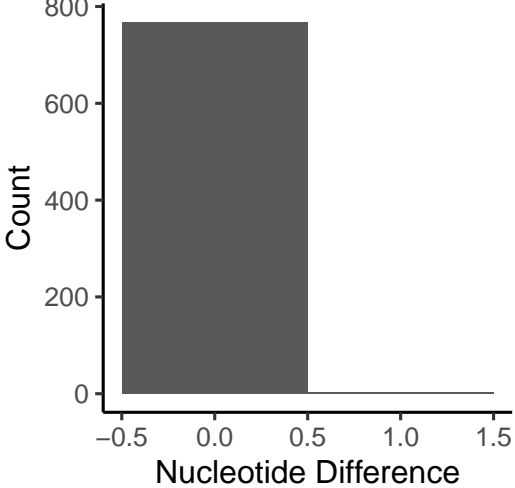
TRBV7-3*ap01

881 sequences assigned
871 (98.9%) exact matches, in which:
853 unique CDR3
13 unique J



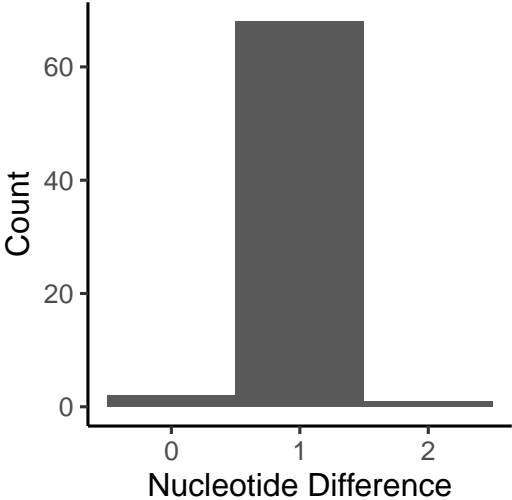
TRBV7-6*ap01

772 sequences assigned
768 (99.5%) exact matches, in which:
763 unique CDR3
13 unique J



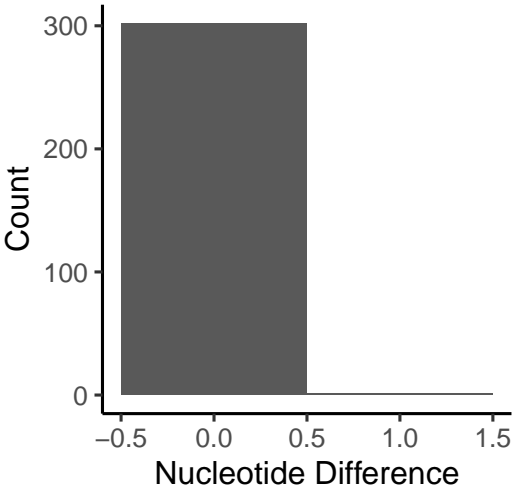
TRBV7-1*ap01_T296C_C

71 sequences assigned
2 (2.8%) exact matches, in which:
2 unique CDR3
2 unique J



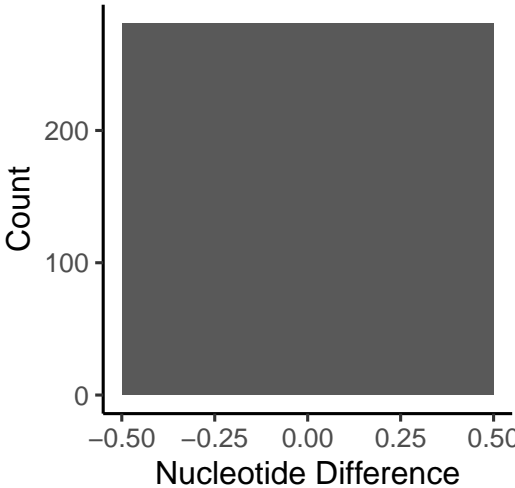
TRBV7-3*ap03

303 sequences assigned
302 (99.7%) exact matches, in which:
296 unique CDR3
13 unique J



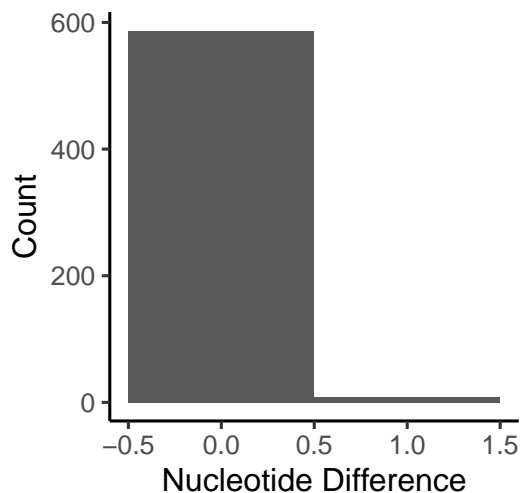
TRBV7-7*ap01

281 sequences assigned
281 (100%) exact matches, in which:
279 unique CDR3
13 unique J



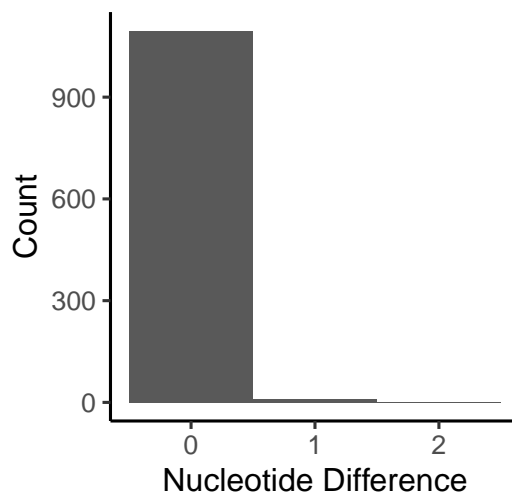
TRBV7-8*ap01

595 sequences assigned
587 (98.7%) exact matches, in which:
586 unique CDR3
13 unique J



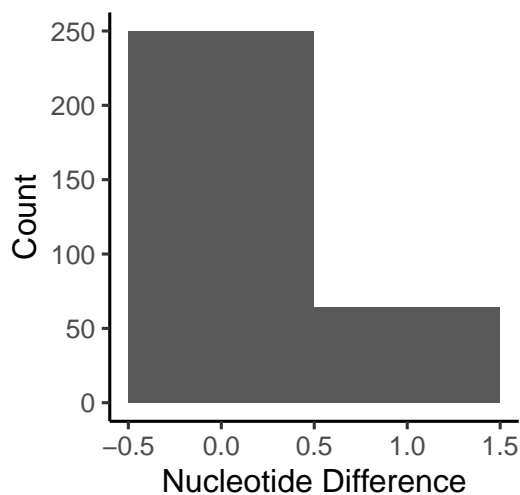
TRBV29-1*ap01

1108 sequences assigned
1096 (98.9%) exact matches, in which:
1092 unique CDR3
13 unique J



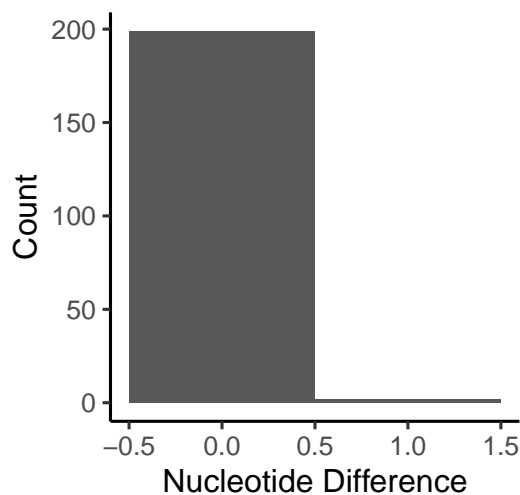
TRBV7-8*ap03

314 sequences assigned
250 (79.6%) exact matches, in which:
250 unique CDR3
13 unique J



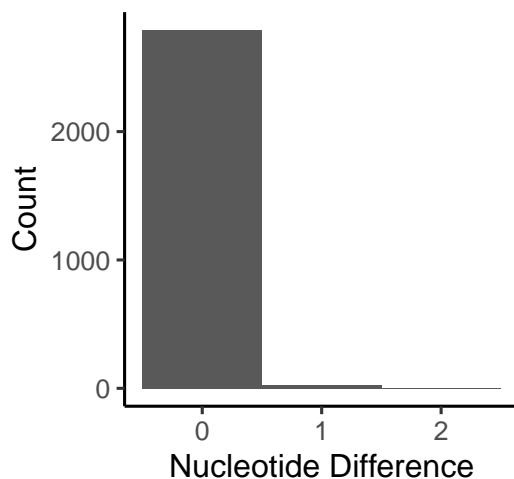
TRBV29-1*ap02

201 sequences assigned
199 (99%) exact matches, in which:
197 unique CDR3
12 unique J



TRBV7-9*ap01

2817 sequences assigned
2791 (99.1%) exact matches, in which:
2770 unique CDR3
13 unique J



TRBV7-1*ap01_T296C_C314T

