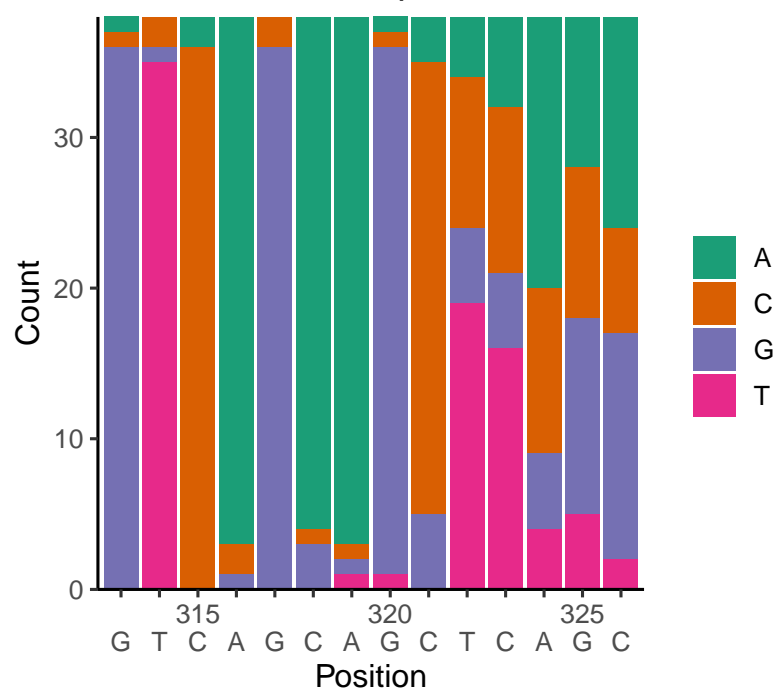


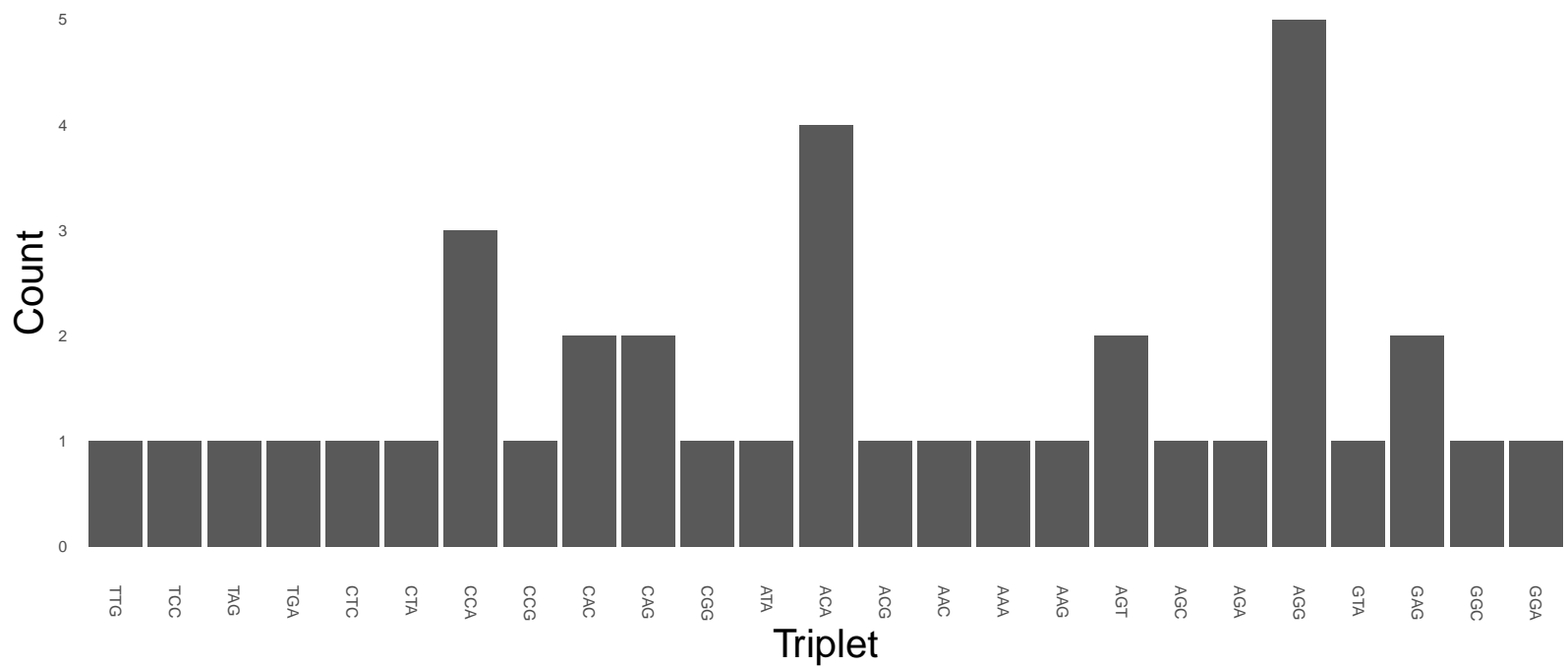
Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-1*ap01_T296C_C314T

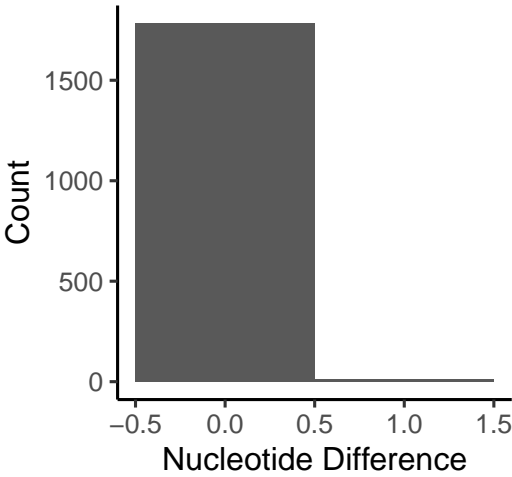


TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



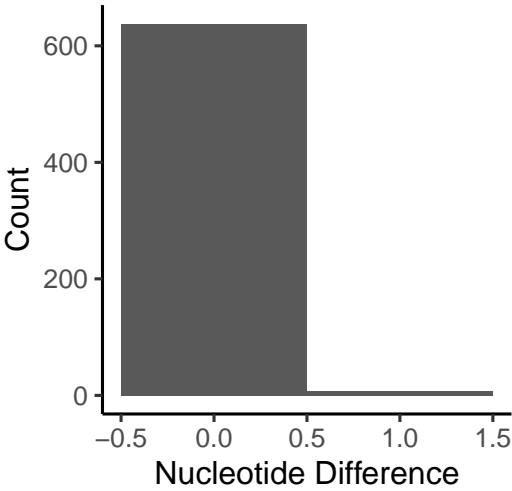
TRBV20–1*ap01

1795 sequences assigned
1783 (99.3%) exact matches, in which:
1771 unique CDR3
13 unique J



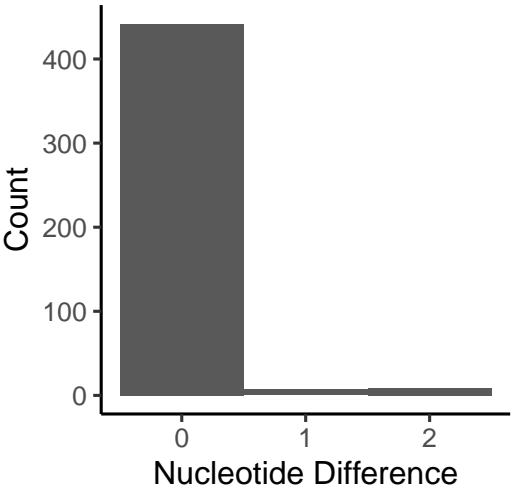
TRBV10–2*ap01

646 sequences assigned
638 (98.8%) exact matches, in which:
627 unique CDR3
13 unique J



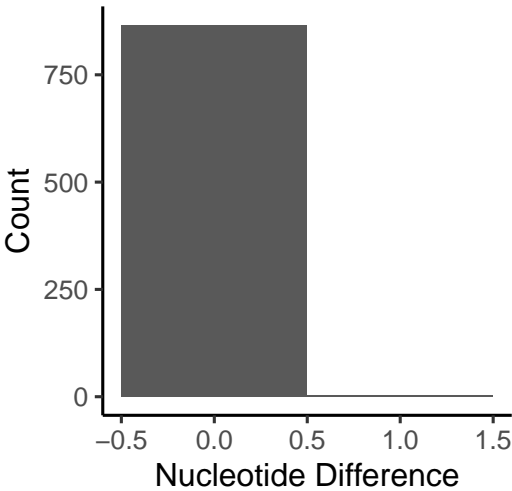
TRBV13*ap01

458 sequences assigned
442 (96.5%) exact matches, in which:
440 unique CDR3
13 unique J



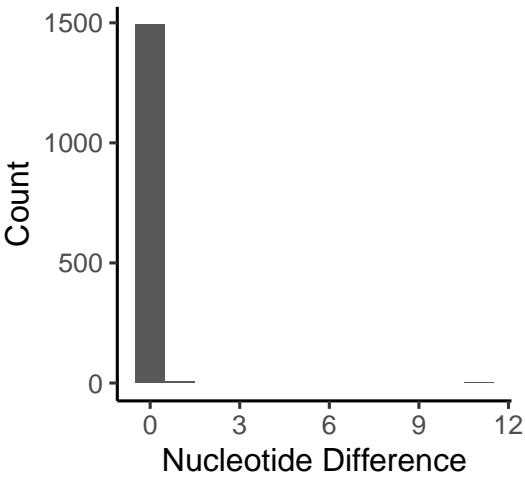
TRBV10–1*ap01

870 sequences assigned
866 (99.5%) exact matches, in which:
860 unique CDR3
13 unique J



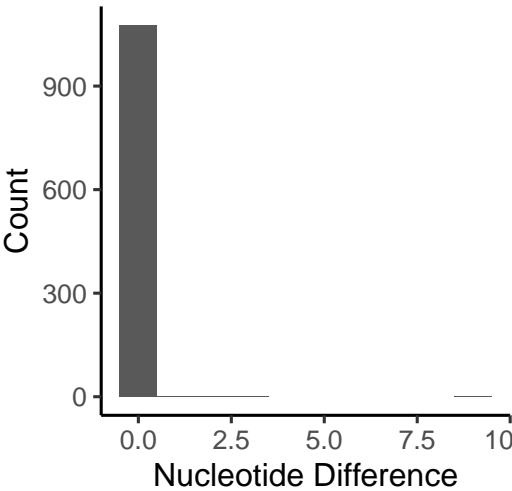
TRBV10–3*ap01

1501 sequences assigned
1492 (99.4%) exact matches, in which:
1477 unique CDR3
13 unique J



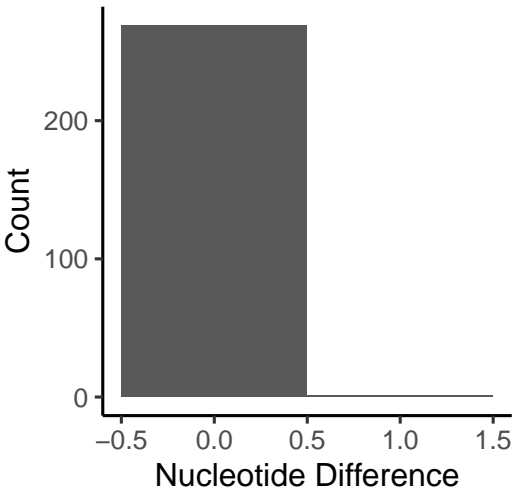
TRBV14*ap01

1083 sequences assigned
1077 (99.4%) exact matches, in which:
1070 unique CDR3
13 unique J



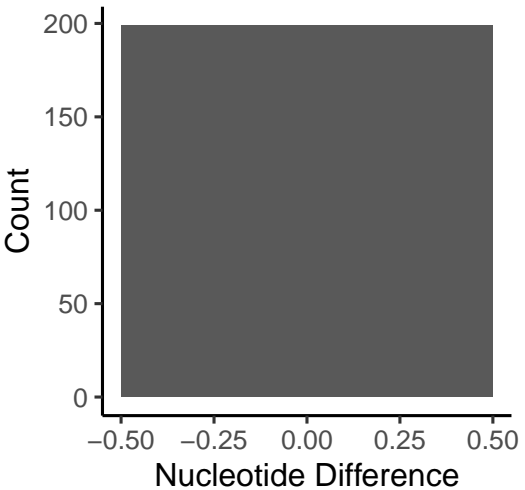
TRBV20–1*ap02

270 sequences assigned
269 (99.6%) exact matches, in which:
268 unique CDR3
12 unique J



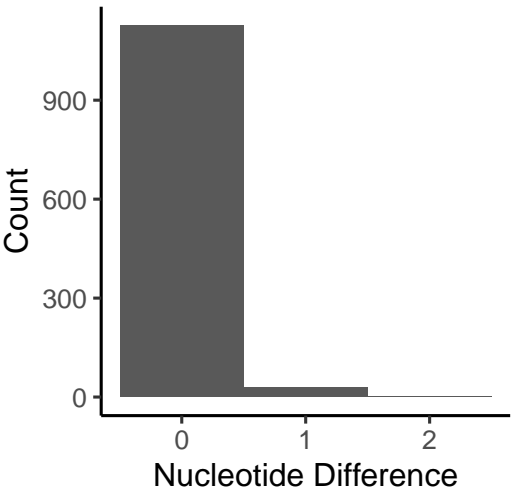
TRBV1*ap01

199 sequences assigned
199 (100%) exact matches, in which:
197 unique CDR3
13 unique J



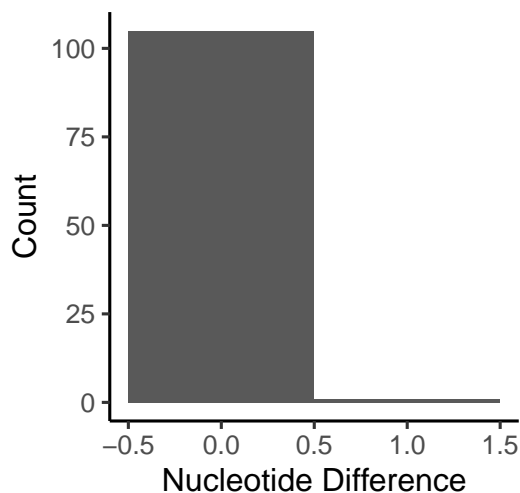
TRBV15*ap02

1156 sequences assigned
1127 (97.5%) exact matches, in which:
1112 unique CDR3
13 unique J



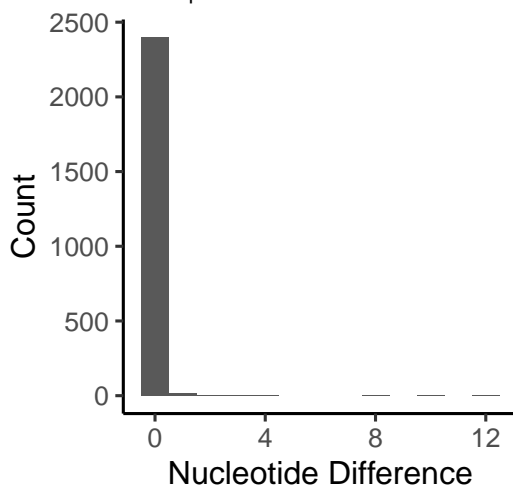
TRBV16*ap01

106 sequences assigned
105 (99.1%) exact matches, in which:
105 unique CDR3
11 unique J



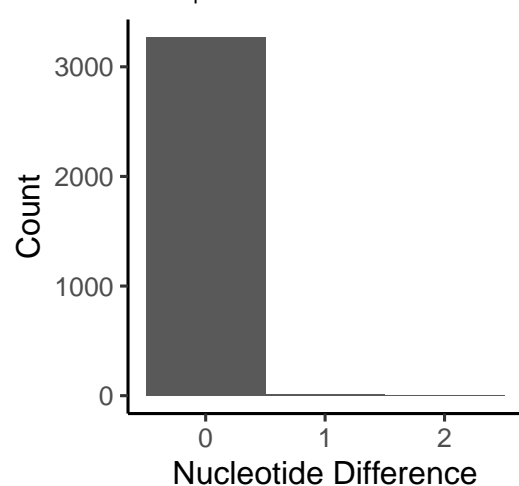
TRBV19*ap01

2419 sequences assigned
2398 (99.1%) exact matches, in which:
2386 unique CDR3
13 unique J



TRBV28*ap01

3283 sequences assigned
3268 (99.5%) exact matches, in which:
3259 unique CDR3
13 unique J



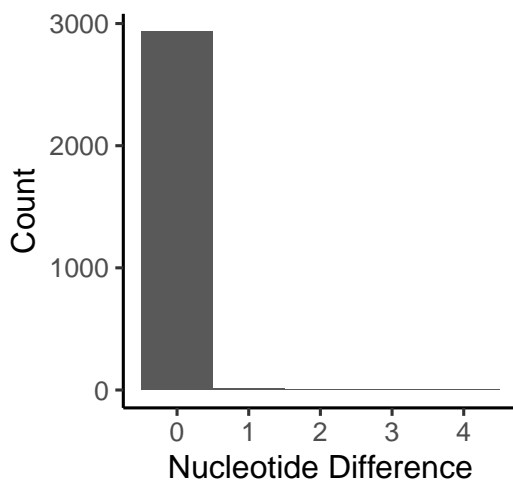
TRBV17*ap01

1 sequences assigned
No exact matches.



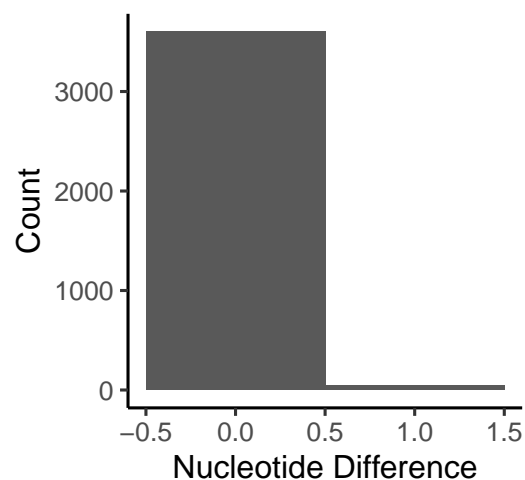
TRBV2*ap01

2947 sequences assigned
2933 (99.5%) exact matches, in which:
2916 unique CDR3
13 unique J



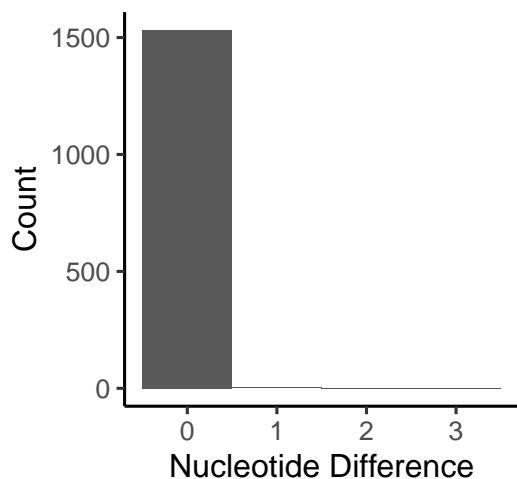
TRBV30*ap01

3647 sequences assigned
3601 (98.7%) exact matches, in which:
3560 unique CDR3
13 unique J



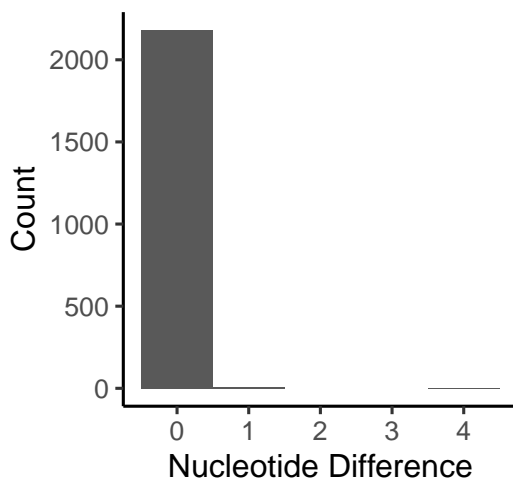
TRBV18*ap01

1537 sequences assigned
1532 (99.7%) exact matches, in which:
1527 unique CDR3
13 unique J



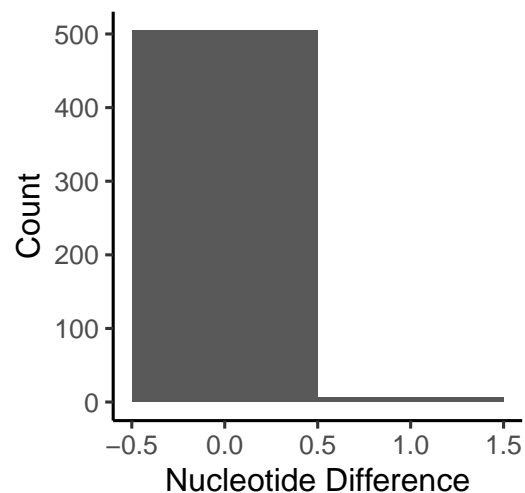
TRBV27*ap01

2190 sequences assigned
2181 (99.6%) exact matches, in which:
2160 unique CDR3
13 unique J



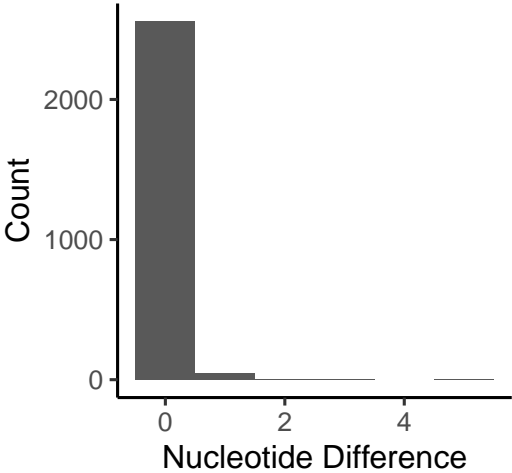
TRBV30*ap03

511 sequences assigned
505 (98.8%) exact matches, in which:
498 unique CDR3
13 unique J



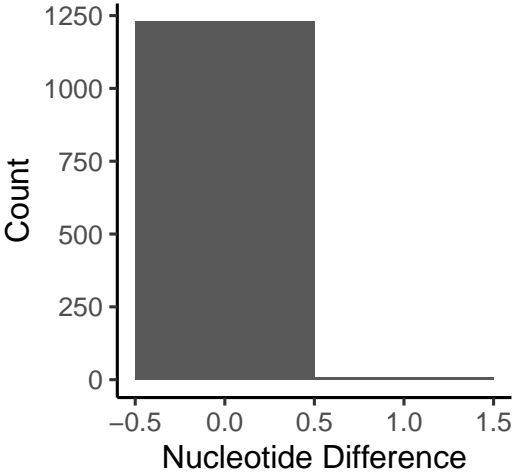
TRBV9*ap01

2607 sequences assigned
2557 (98.1%) exact matches, in which:
2541 unique CDR3
13 unique J



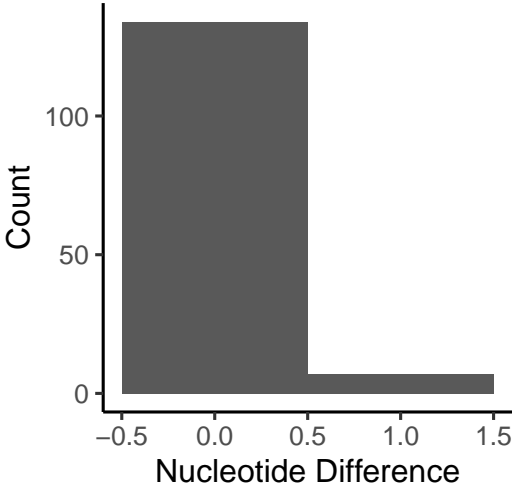
TRBV11-2*ap01

1238 sequences assigned
1230 (99.4%) exact matches, in which:
1224 unique CDR3
13 unique J



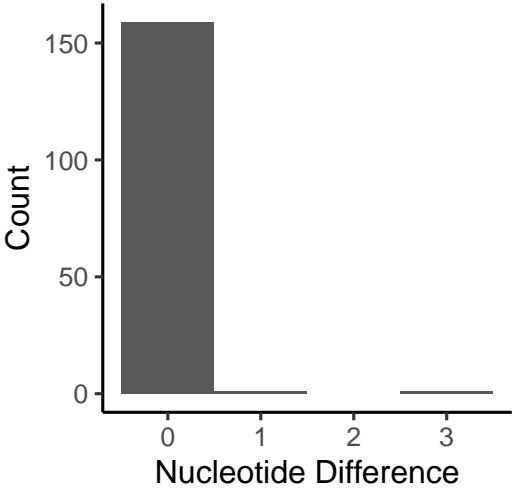
TRBV12-2*ap01

141 sequences assigned
134 (95%) exact matches, in which:
133 unique CDR3
13 unique J



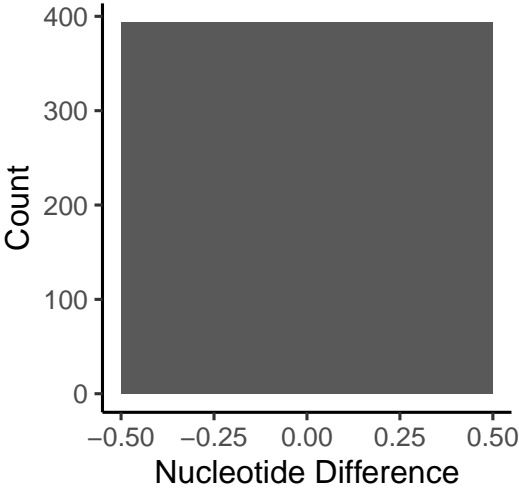
TRBV11-1*ap01

161 sequences assigned
159 (98.8%) exact matches, in which:
158 unique CDR3
12 unique J



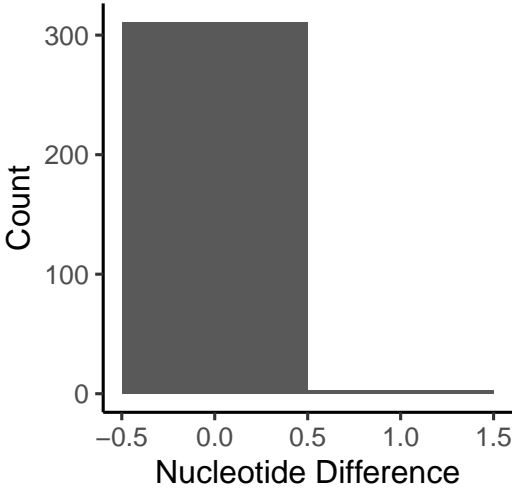
TRBV11-3*ap01

394 sequences assigned
394 (100%) exact matches, in which:
393 unique CDR3
13 unique J



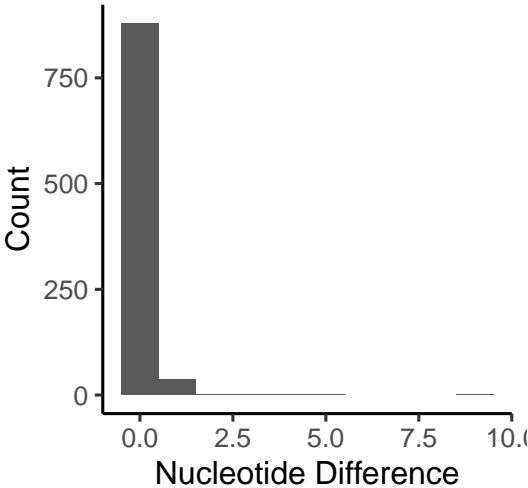
TRBV12-5*ap01

314 sequences assigned
311 (99%) exact matches, in which:
310 unique CDR3
12 unique J



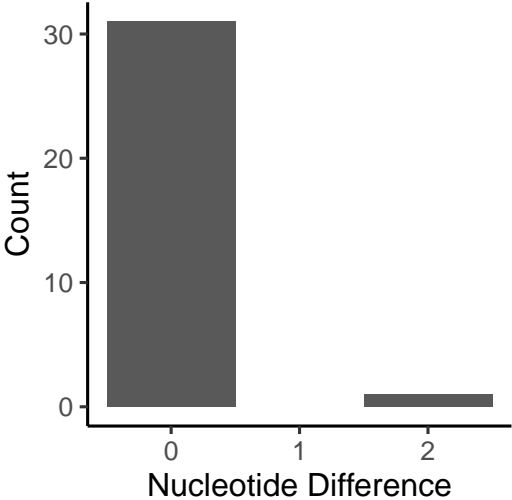
TRBV21-1*ap01

921 sequences assigned
879 (95.4%) exact matches, in which:
875 unique CDR3
13 unique J



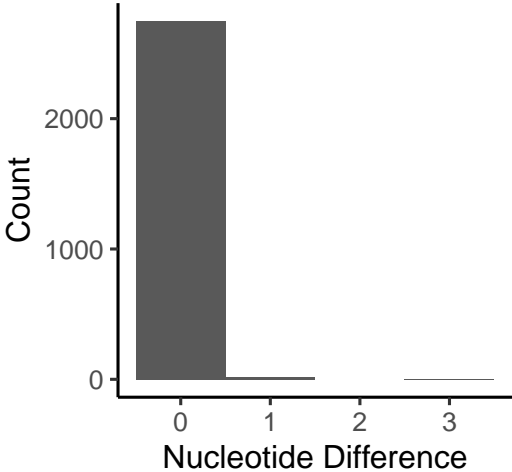
TRBV12-1*ap01

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



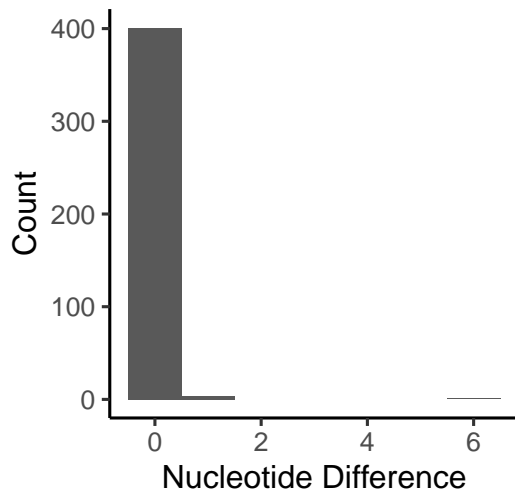
TRBV12-34*ap01

2768 sequences assigned
2749 (99.3%) exact matches, in which:
2737 unique CDR3
13 unique J



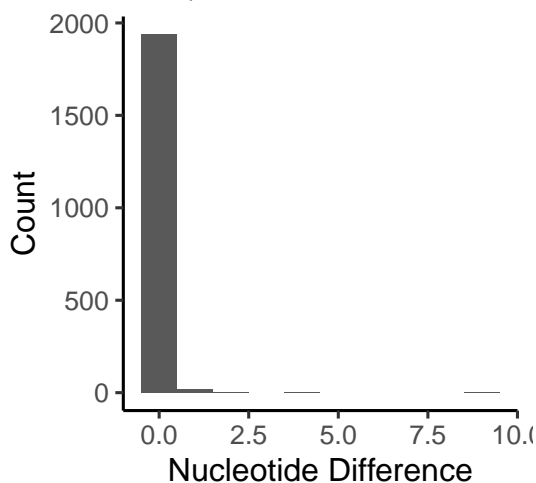
TRBV23–1*ap01

406 sequences assigned
401 (98.8%) exact matches, in which:
398 unique CDR3
13 unique J



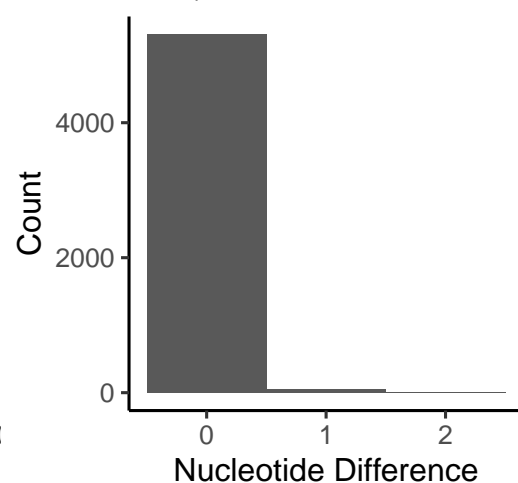
TRBV24–1*ap01

1961 sequences assigned
1938 (98.8%) exact matches, in which:
1921 unique CDR3
13 unique J



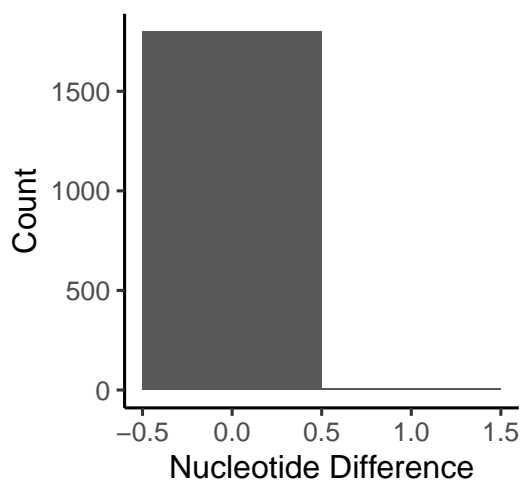
TRBV5–1*ap01

5361 sequences assigned
5308 (99%) exact matches, in which:
5280 unique CDR3
13 unique J



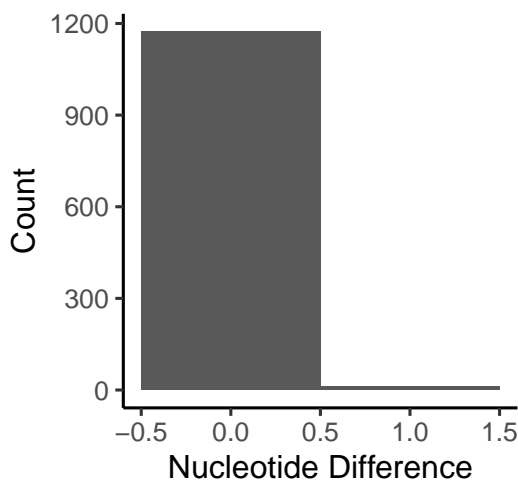
TRBV3–12*ap01

1809 sequences assigned
1799 (99.4%) exact matches, in which:
1791 unique CDR3
13 unique J



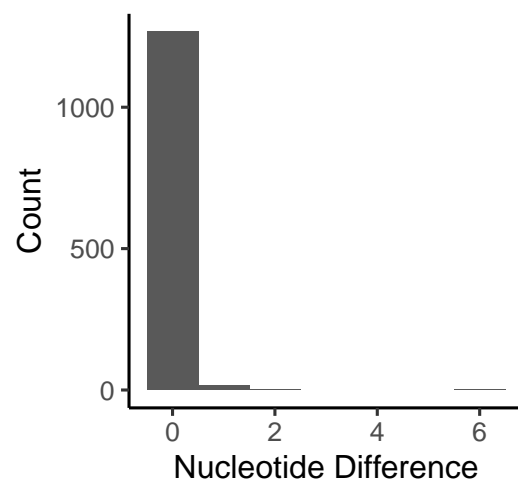
TRBV4–2*ap01

1183 sequences assigned
1173 (99.2%) exact matches, in which:
1162 unique CDR3
13 unique J



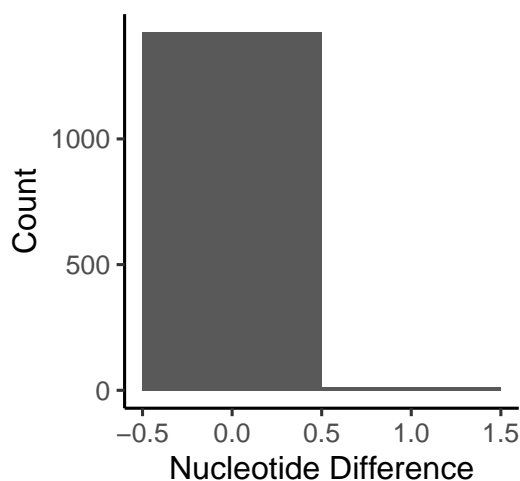
TRBV25–1*ap01

1285 sequences assigned
1267 (98.6%) exact matches, in which:
1250 unique CDR3
13 unique J



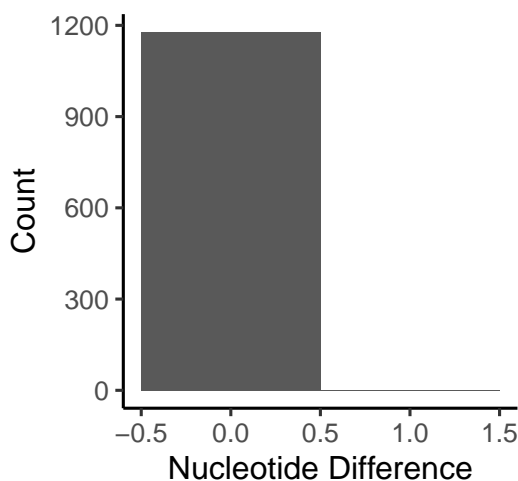
TRBV4–1*ap01

1437 sequences assigned
1425 (99.2%) exact matches, in which:
1413 unique CDR3
13 unique J



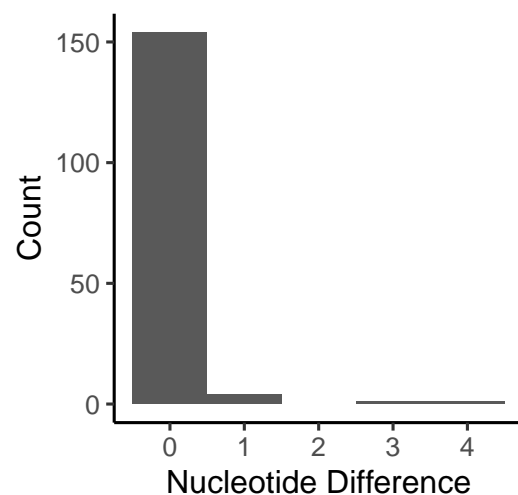
TRBV4–3*ap01

1180 sequences assigned
1178 (99.8%) exact matches, in which:
1168 unique CDR3
13 unique J



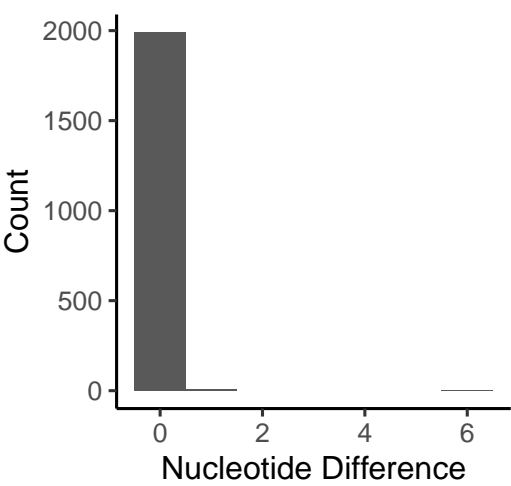
TRBV5–3*ap01

160 sequences assigned
154 (96.2%) exact matches, in which:
152 unique CDR3
12 unique J



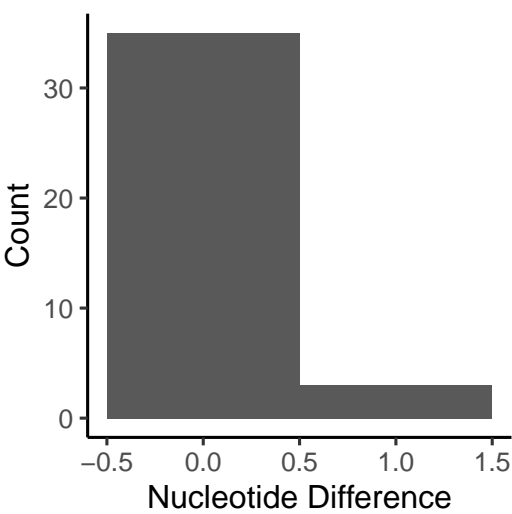
TRBV5-4*ap01

2000 sequences assigned
1990 (99.5%) exact matches, in which:
1980 unique CDR3
13 unique J



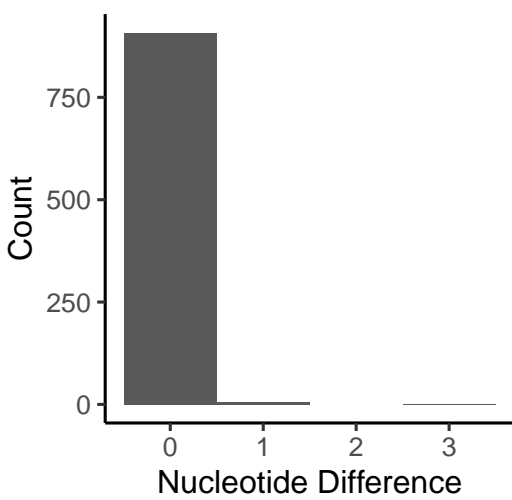
TRBV5-7*ap01

38 sequences assigned
35 (92.1%) exact matches, in which:
35 unique CDR3
10 unique J



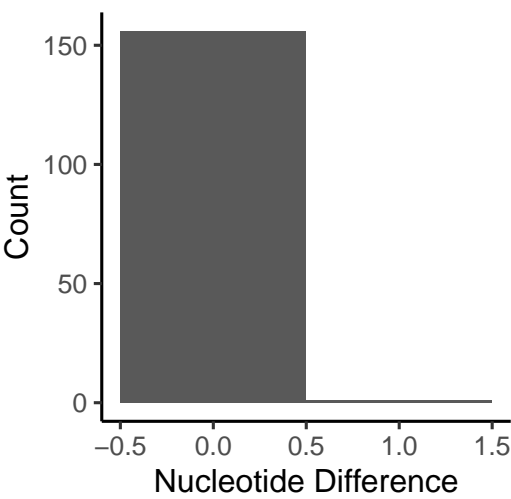
TRBV6-4*ap01

914 sequences assigned
908 (99.3%) exact matches, in which:
903 unique CDR3
13 unique J



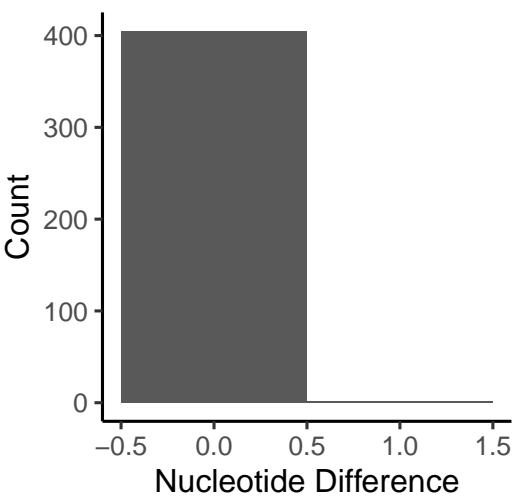
TRBV5-5*ap01

157 sequences assigned
156 (99.4%) exact matches, in which:
156 unique CDR3
13 unique J



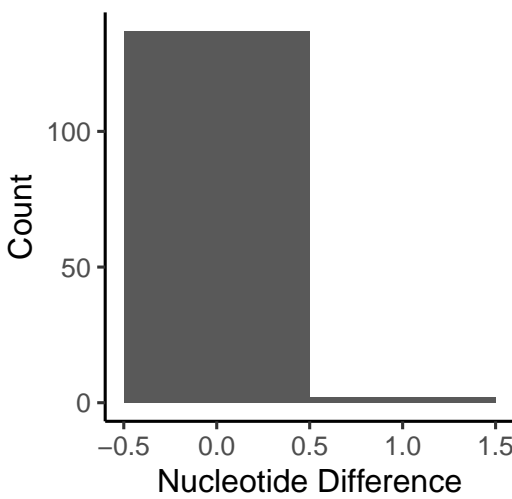
TRBV5-8*ap01

407 sequences assigned
405 (99.5%) exact matches, in which:
403 unique CDR3
13 unique J



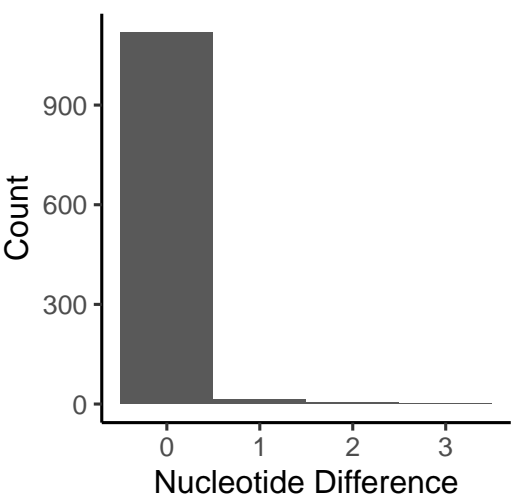
TRBV6-7*ap01

139 sequences assigned
137 (98.6%) exact matches, in which:
136 unique CDR3
12 unique J



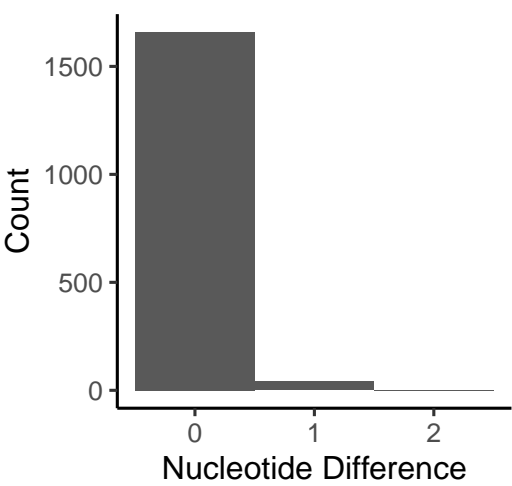
TRBV5-6*ap01

1138 sequences assigned
1119 (98.3%) exact matches, in which:
1109 unique CDR3
13 unique J



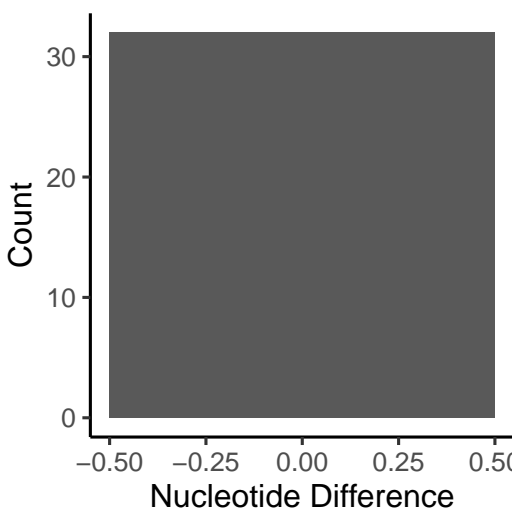
TRBV6-1*ap01

1701 sequences assigned
1659 (97.5%) exact matches, in which:
1641 unique CDR3
13 unique J



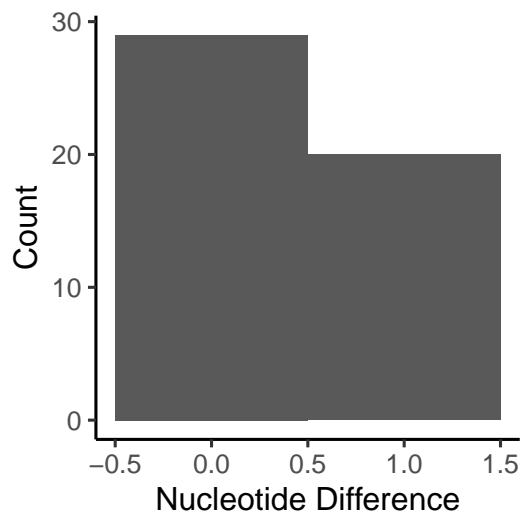
TRBV6-8*ap01

32 sequences assigned
32 (100%) exact matches, in which:
32 unique CDR3
10 unique J



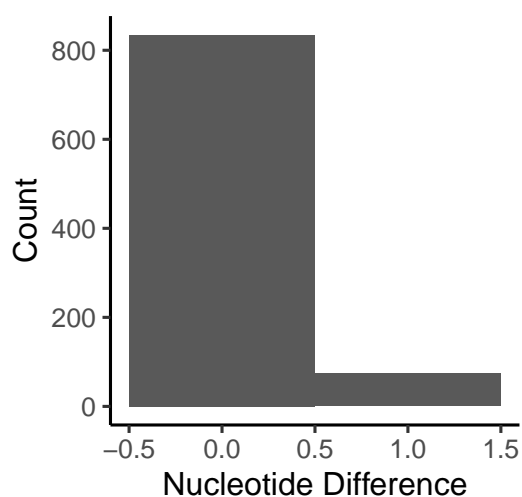
TRBV6-9*ap01

49 sequences assigned
29 (59.2%) exact matches, in which:
29 unique CDR3
10 unique J



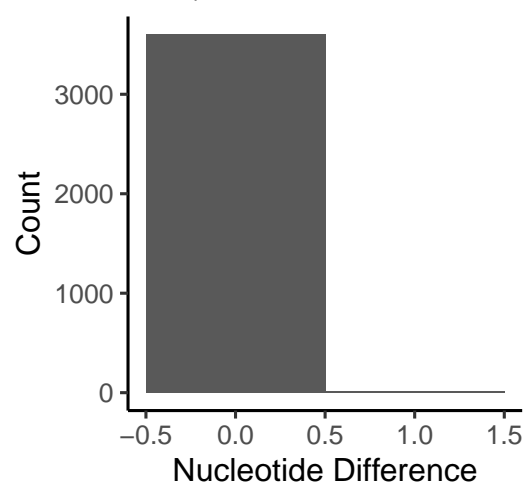
TRBV6-56*ap02

909 sequences assigned
835 (91.9%) exact matches, in which:
832 unique CDR3
13 unique J



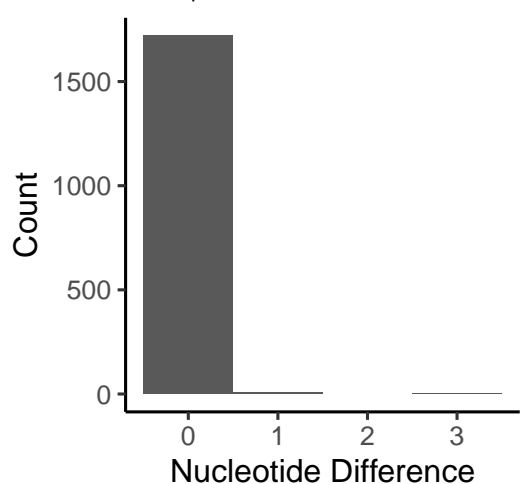
TRBV7-2*ap01

3614 sequences assigned
3602 (99.7%) exact matches, in which:
3572 unique CDR3
13 unique J



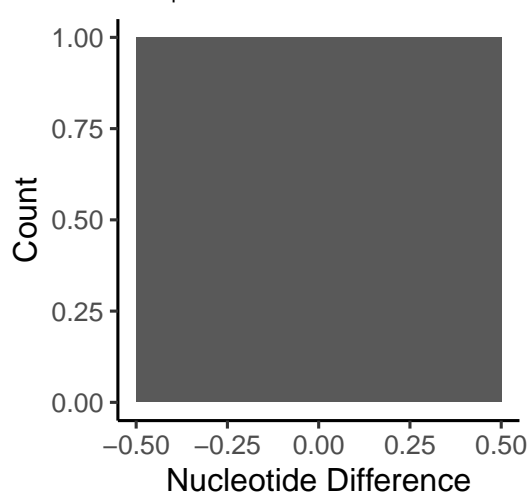
TRBV6-23*ap01

1728 sequences assigned
1720 (99.5%) exact matches, in which:
1705 unique CDR3
13 unique J



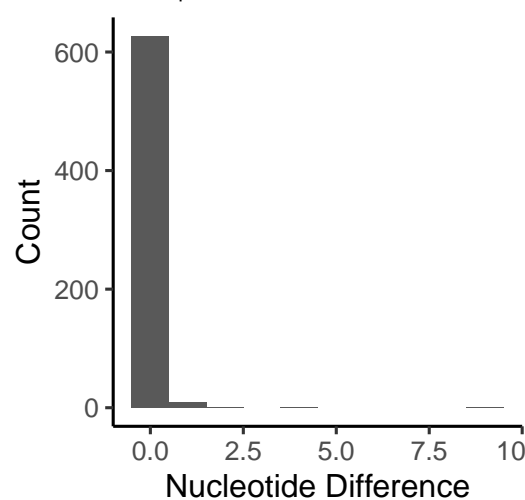
TRBV7-1*ap01

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



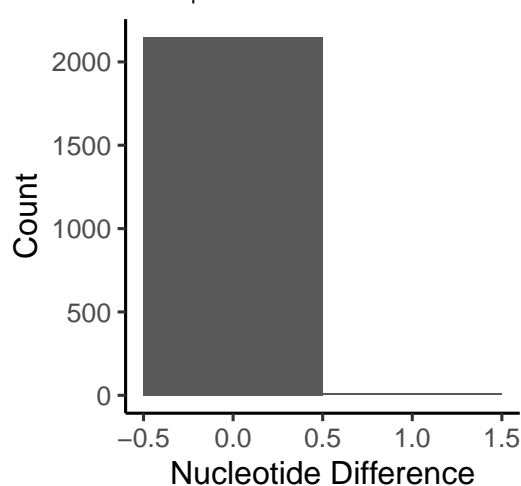
TRBV7-3*ap01

639 sequences assigned
627 (98.1%) exact matches, in which:
623 unique CDR3
13 unique J



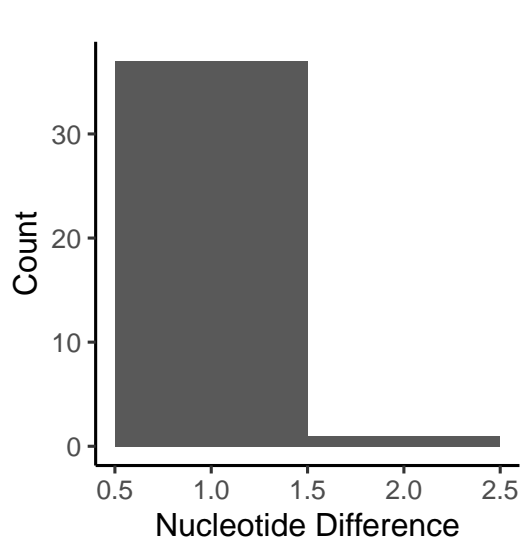
TRBV6-56*ap01

2160 sequences assigned
2149 (99.5%) exact matches, in which:
2132 unique CDR3
13 unique J



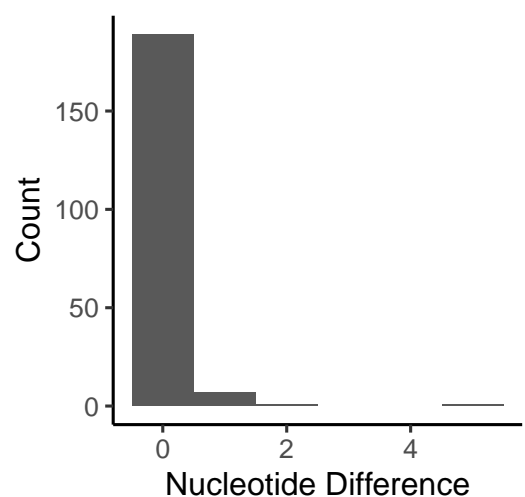
TRBV7-1*ap01_T296C_C

38 sequences assigned
No exact matches.



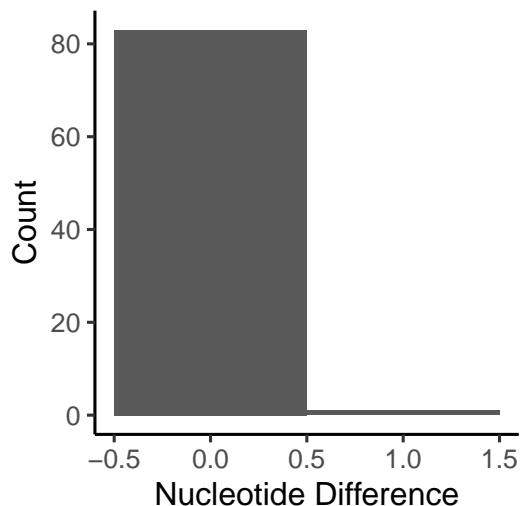
TRBV7-3*ap03

198 sequences assigned
189 (95.5%) exact matches, in which:
186 unique CDR3
12 unique J



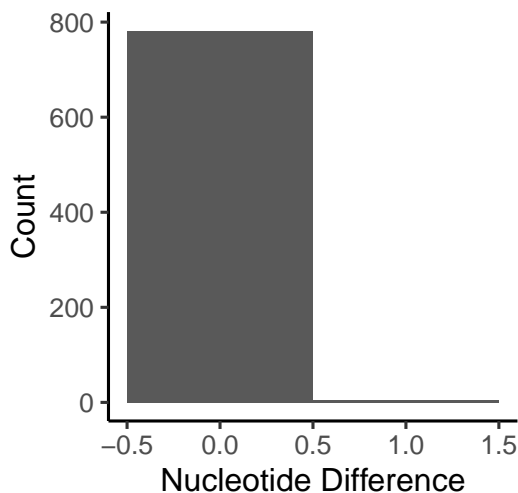
TRBV7-4*ap01

84 sequences assigned
83 (98.8%) exact matches, in which:
82 unique CDR3
12 unique J



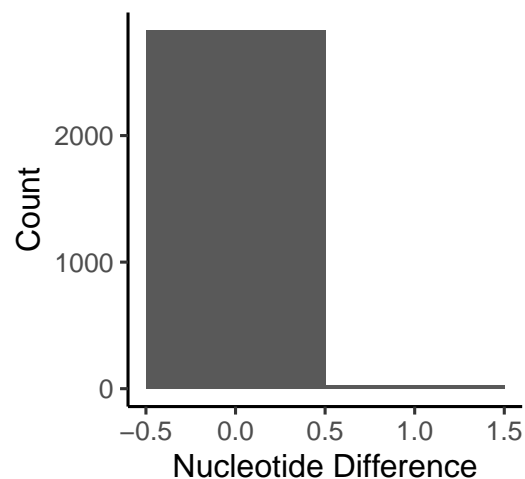
TRBV7-8*ap01

787 sequences assigned
782 (99.4%) exact matches, in which:
778 unique CDR3
13 unique J



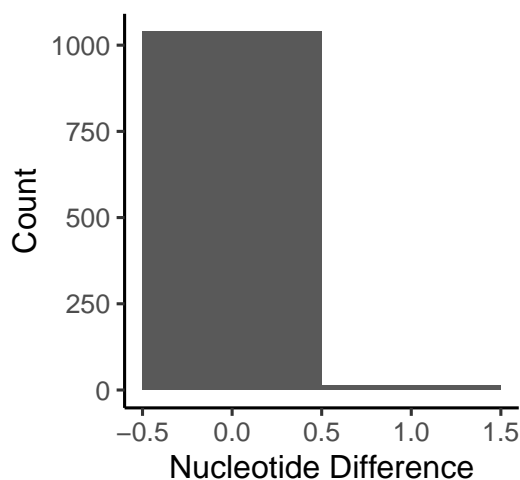
TRBV29-1*ap01

2861 sequences assigned
2831 (99%) exact matches, in which:
2785 unique CDR3
13 unique J



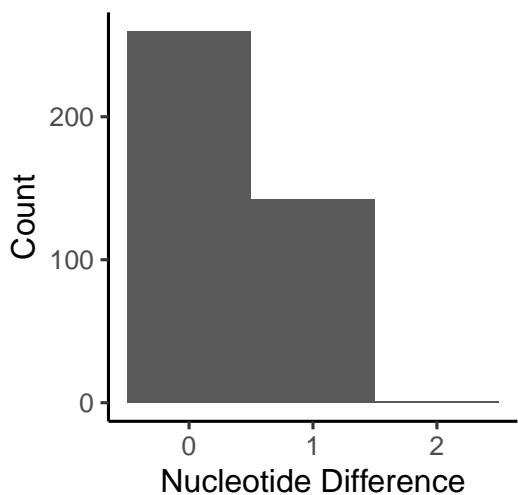
TRBV7-6*ap01

1052 sequences assigned
1039 (98.8%) exact matches, in which:
1031 unique CDR3
13 unique J



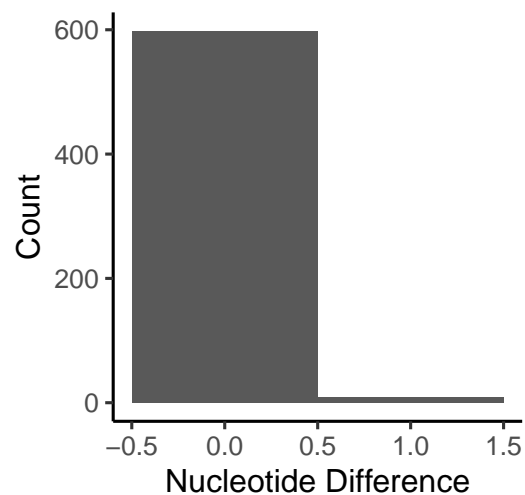
TRBV7-8*ap03

403 sequences assigned
260 (64.5%) exact matches, in which:
256 unique CDR3
12 unique J



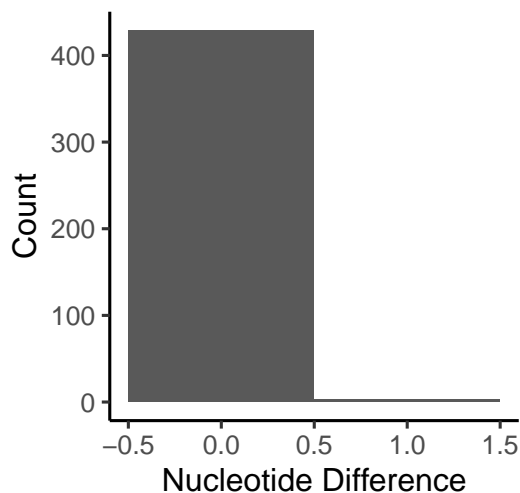
TRBV29-1*ap02

607 sequences assigned
598 (98.5%) exact matches, in which:
591 unique CDR3
13 unique J



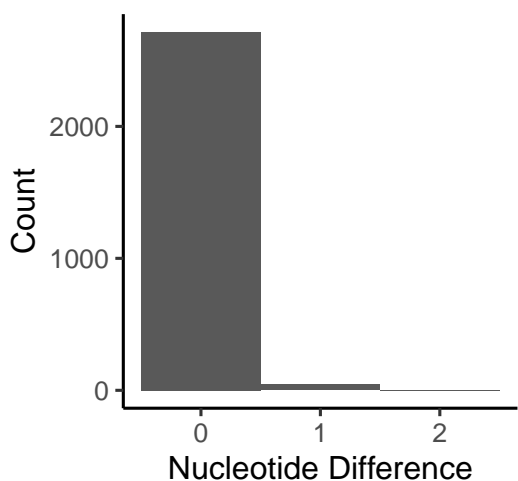
TRBV7-7*ap01

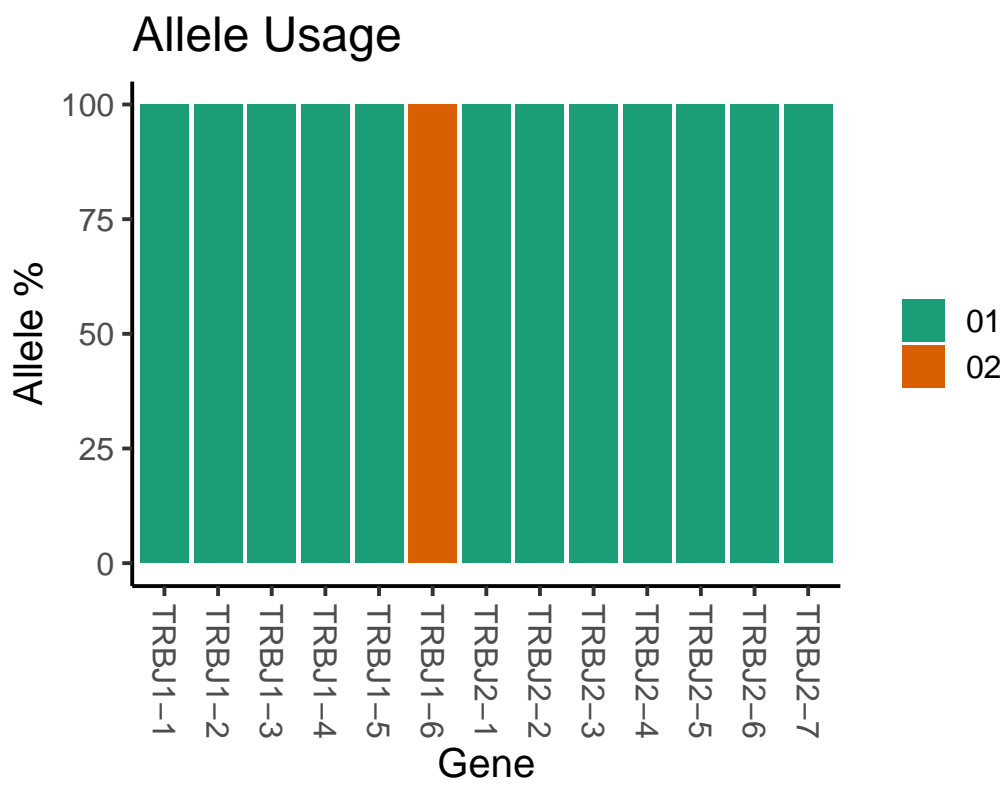
432 sequences assigned
429 (99.3%) exact matches, in which:
423 unique CDR3
13 unique J



TRBV7-9*ap01

2759 sequences assigned
2715 (98.4%) exact matches, in which:
2703 unique CDR3
13 unique J





Warning – no inferred sequences found.

Warning – no inferred sequences found.