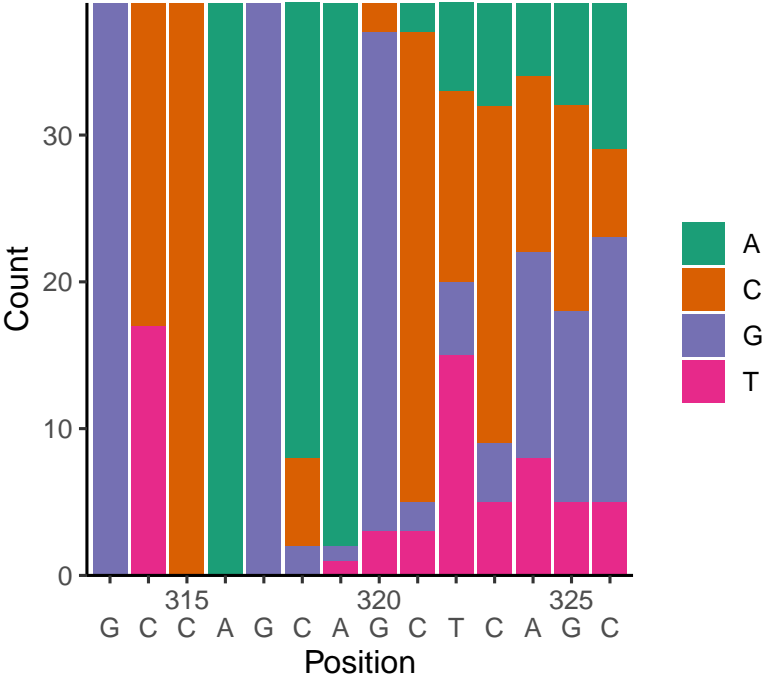


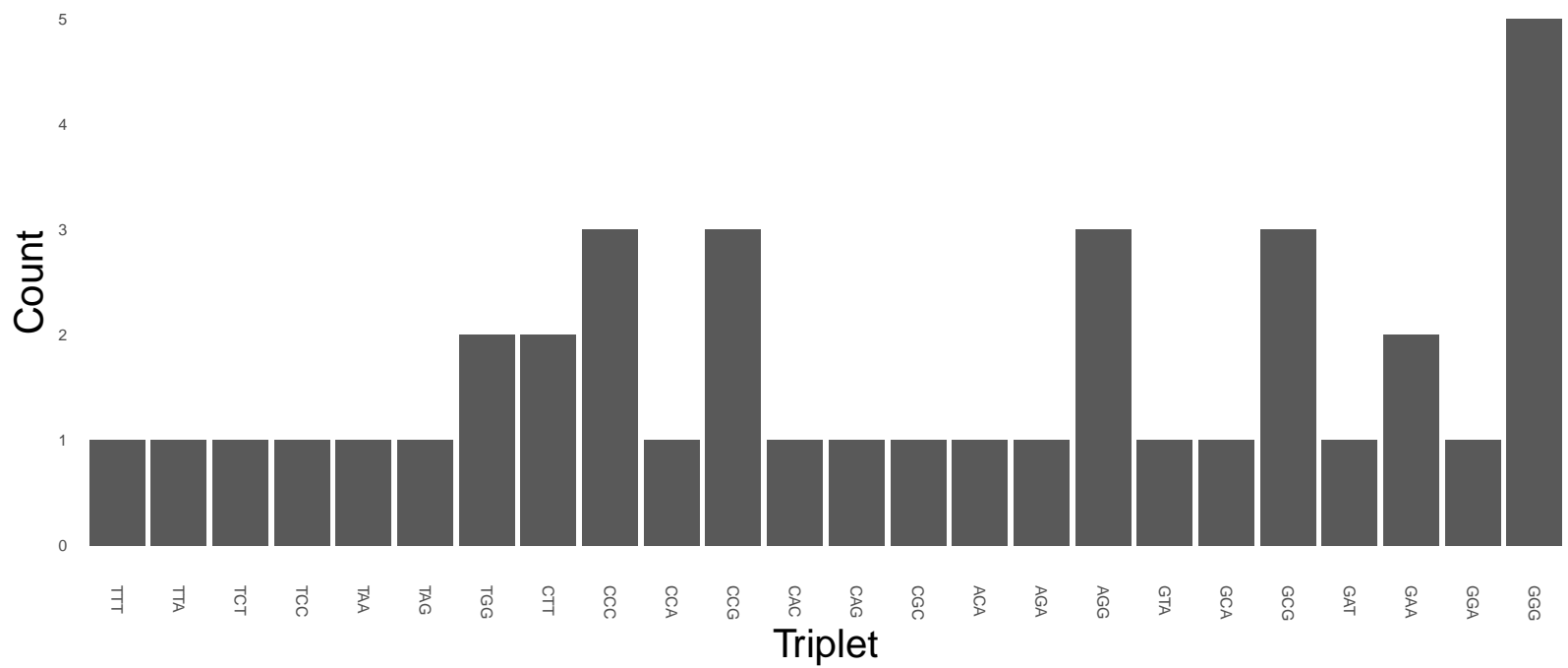
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C

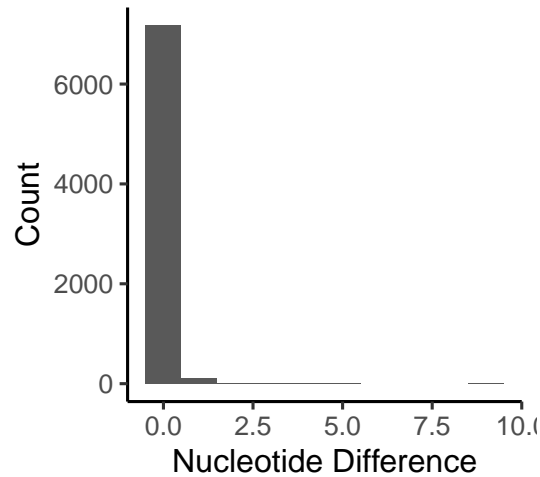


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



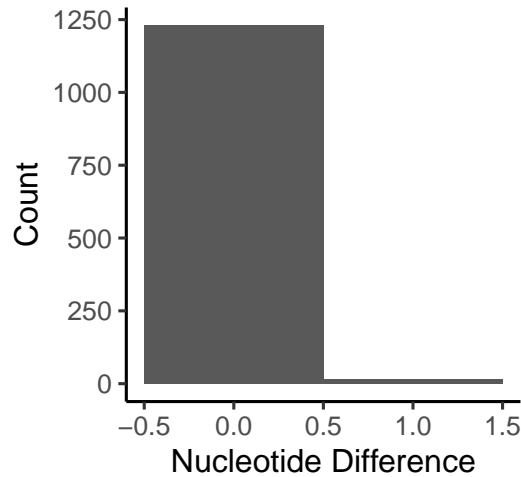
TRBV20-1*ap01

7303 sequences assigned
7174 (98.2%) exact matches, in which:
7000 unique CDR3
13 unique J



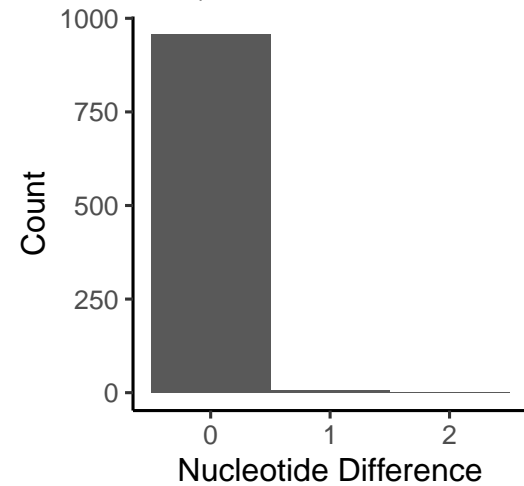
TRBV10-3*ap01

1246 sequences assigned
1230 (98.7%) exact matches, in which:
1196 unique CDR3
13 unique J



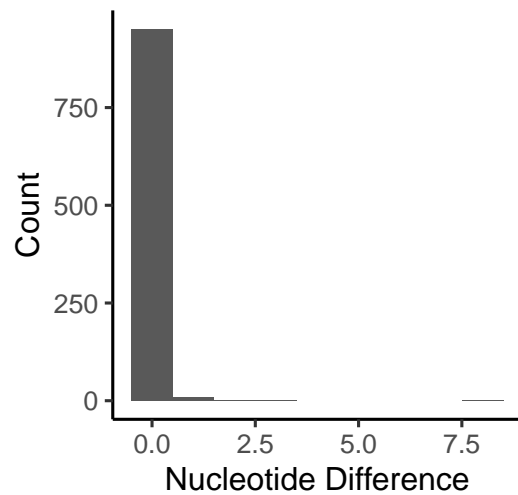
TRBV14*ap01

966 sequences assigned
957 (99.1%) exact matches, in which:
933 unique CDR3
13 unique J



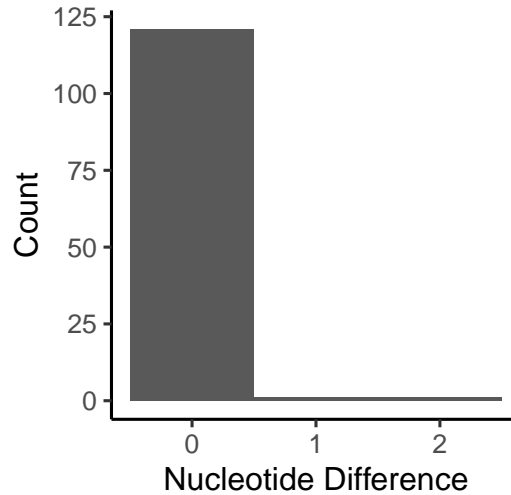
TRBV10-1*ap01

965 sequences assigned
951 (98.5%) exact matches, in which:
923 unique CDR3
13 unique J



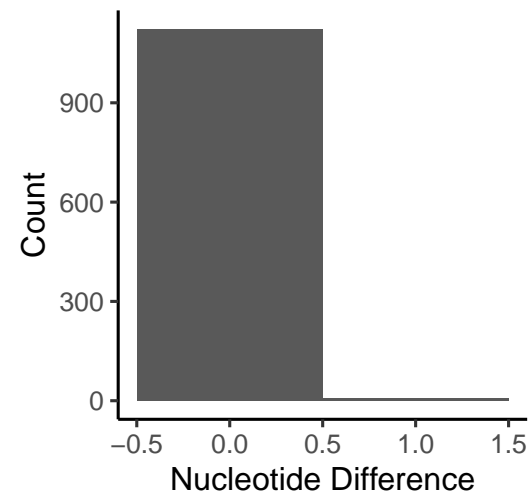
TRBV1*ap01

123 sequences assigned
121 (98.4%) exact matches, in which:
118 unique CDR3
13 unique J



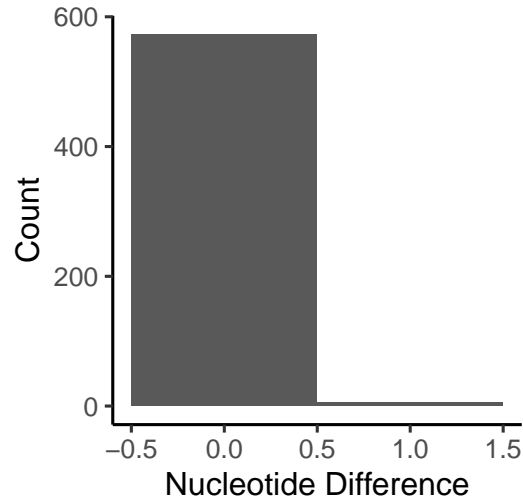
TRBV15*ap02

1131 sequences assigned
1123 (99.3%) exact matches, in which:
1095 unique CDR3
13 unique J



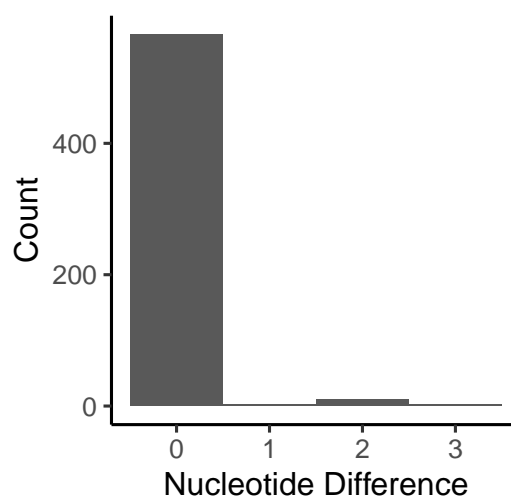
TRBV10-2*ap01

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



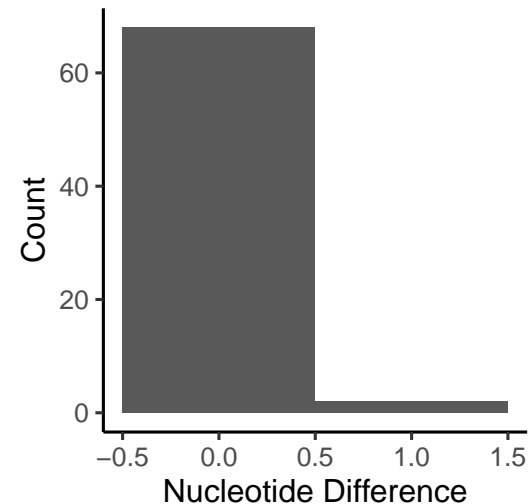
TRBV13*ap01

581 sequences assigned
566 (97.4%) exact matches, in which:
545 unique CDR3
13 unique J



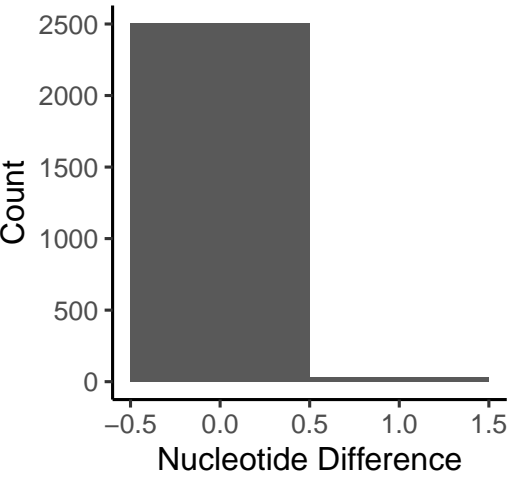
TRBV16*ap01

70 sequences assigned
68 (97.1%) exact matches, in which:
68 unique CDR3
12 unique J



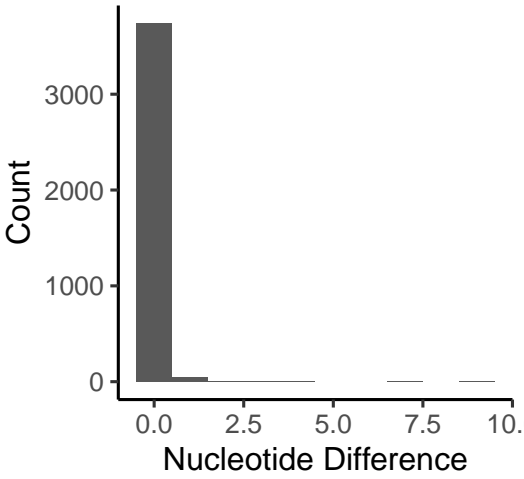
TRBV18*ap01

2534 sequences assigned
2504 (98.8%) exact matches, in which:
2457 unique CDR3
13 unique J



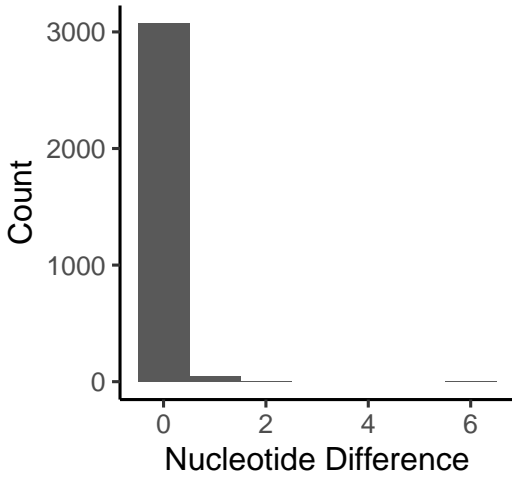
TRBV27*ap01

3791 sequences assigned
3739 (98.6%) exact matches, in which:
3620 unique CDR3
13 unique J



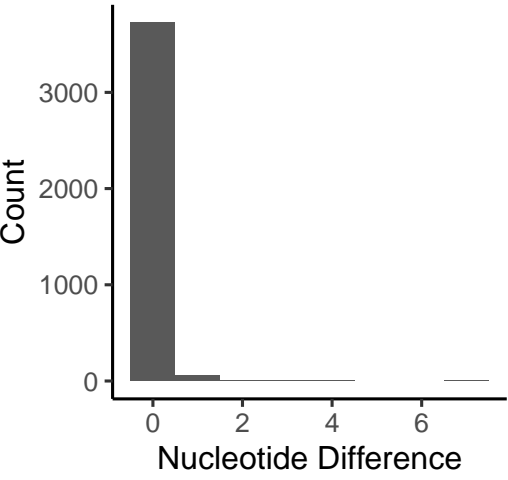
TRBV9*ap01

3121 sequences assigned
3073 (98.5%) exact matches, in which:
2993 unique CDR3
13 unique J



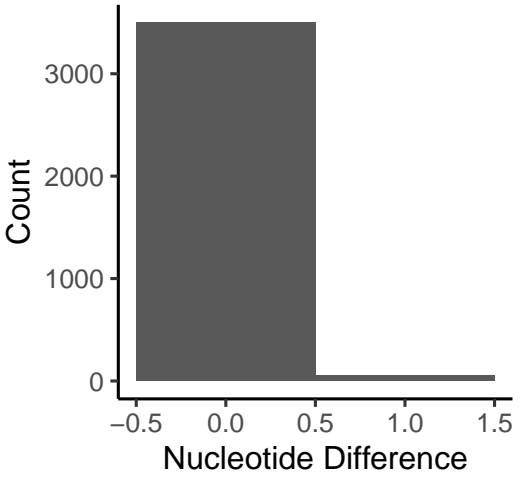
TRBV19*ap01

3791 sequences assigned
3724 (98.2%) exact matches, in which:
3627 unique CDR3
14 unique J



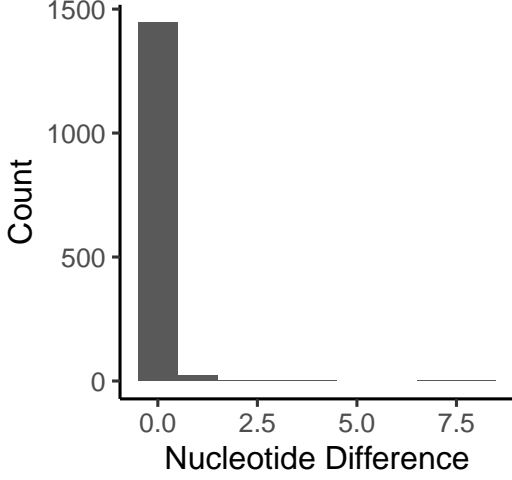
TRBV28*ap01

3551 sequences assigned
3498 (98.5%) exact matches, in which:
3385 unique CDR3
14 unique J



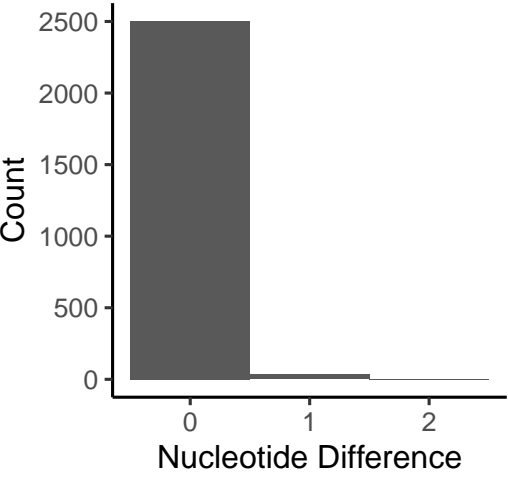
TRBV21-1*ap01

1474 sequences assigned
1445 (98%) exact matches, in which:
1406 unique CDR3
13 unique J



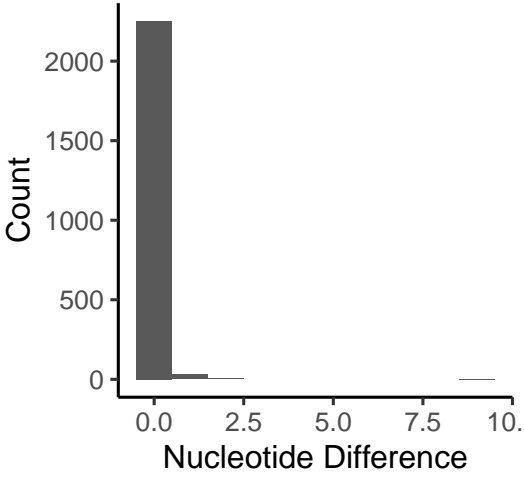
TRBV2*ap01

2537 sequences assigned
2503 (98.7%) exact matches, in which:
2443 unique CDR3
13 unique J



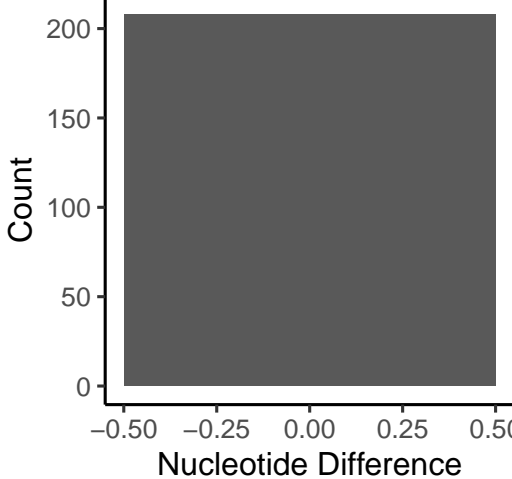
TRBV30*ap01

2288 sequences assigned
2252 (98.4%) exact matches, in which:
2220 unique CDR3
13 unique J



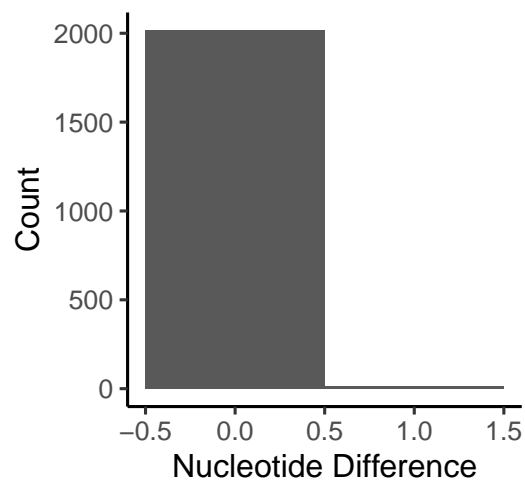
TRBV11-1*ap01

208 sequences assigned
208 (100%) exact matches, in which:
199 unique CDR3
13 unique J



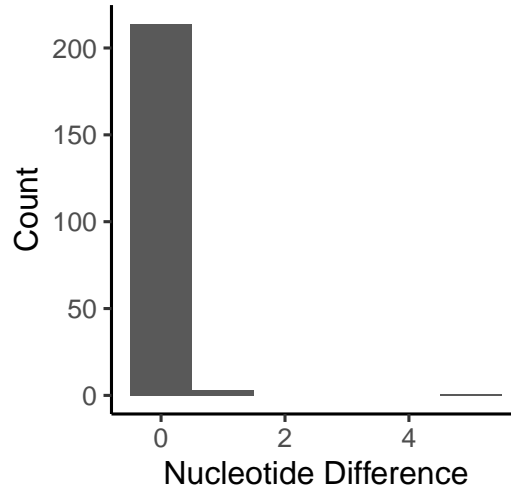
TRBV11-2*ap01

2032 sequences assigned
2016 (99.2%) exact matches, in which:
1958 unique CDR3
13 unique J



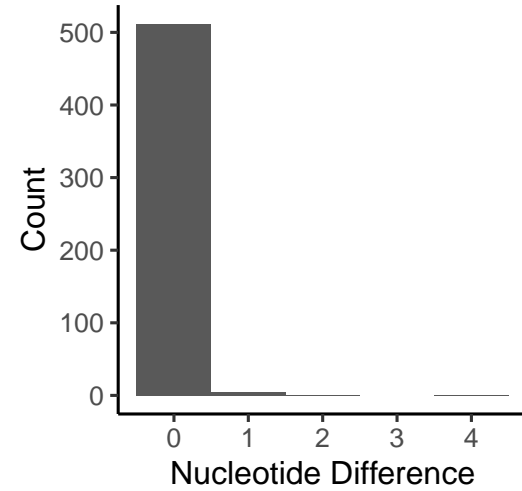
TRBV12-2*ap01

218 sequences assigned
214 (98.2%) exact matches, in which:
208 unique CDR3
13 unique J



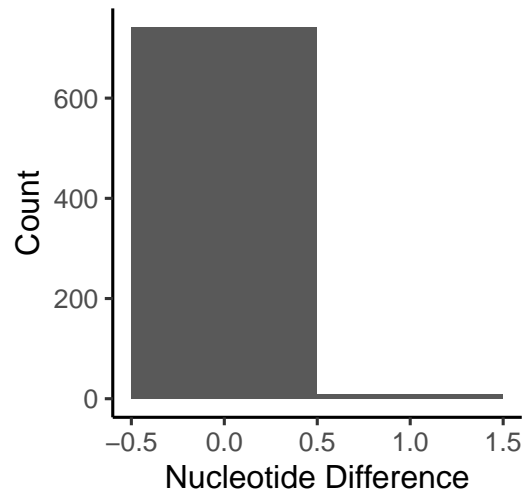
TRBV23-1*ap01

519 sequences assigned
512 (98.7%) exact matches, in which:
502 unique CDR3
13 unique J



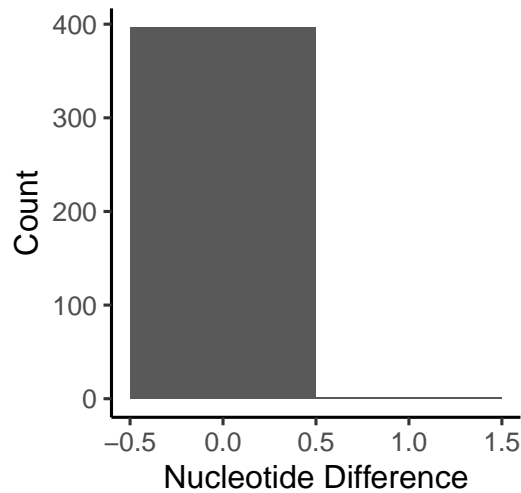
TRBV11-3*ap01

751 sequences assigned
742 (98.8%) exact matches, in which:
726 unique CDR3
13 unique J



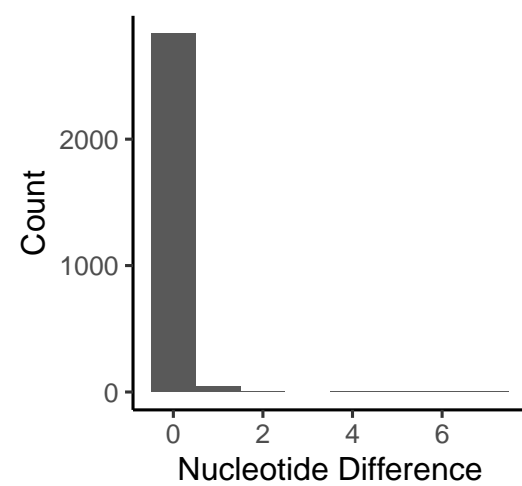
TRBV12-5*ap01

399 sequences assigned
397 (99.5%) exact matches, in which:
386 unique CDR3
13 unique J



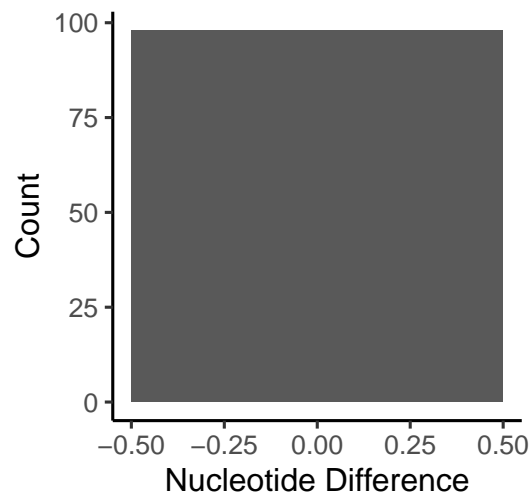
TRBV3-12*ap01

2887 sequences assigned
2834 (98.2%) exact matches, in which:
2749 unique CDR3
13 unique J



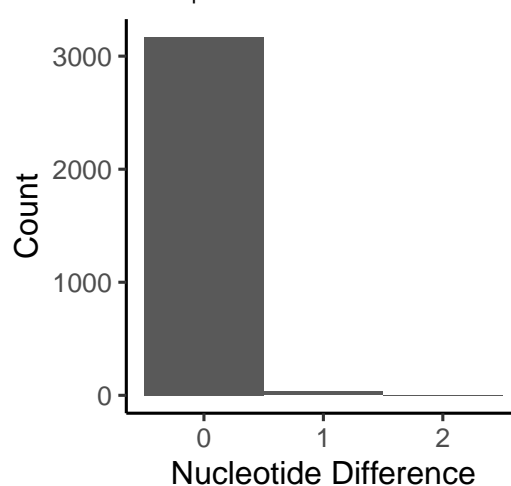
TRBV12-1*ap01

98 sequences assigned
98 (100%) exact matches, in which:
95 unique CDR3
11 unique J



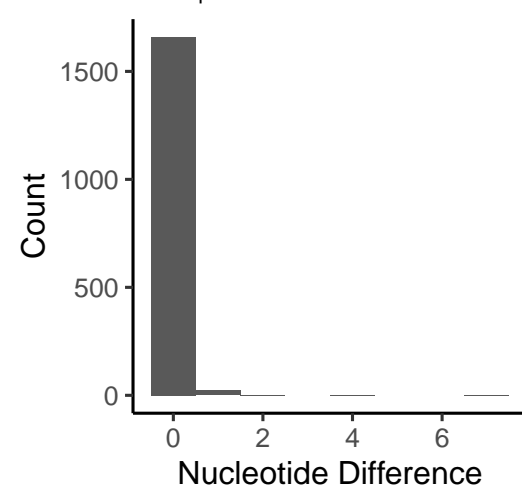
TRBV12-34*ap01

3205 sequences assigned
3169 (98.9%) exact matches, in which:
3081 unique CDR3
13 unique J



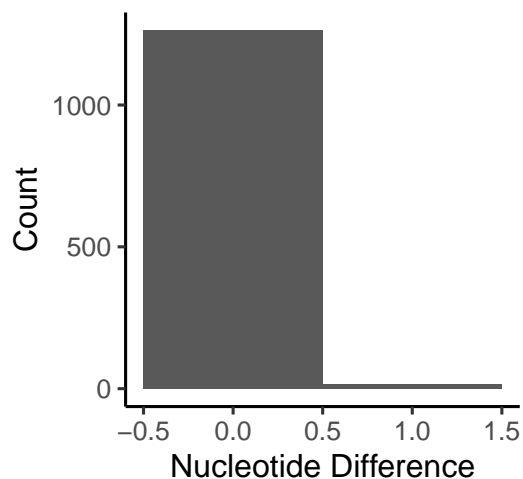
TRBV24-1*ap01

1685 sequences assigned
1659 (98.5%) exact matches, in which:
1619 unique CDR3
13 unique J



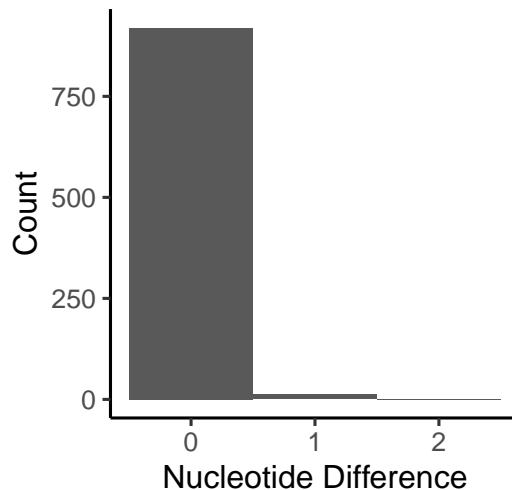
TRBV4-1*ap01

1280 sequences assigned
1263 (98.7%) exact matches, in which:
1222 unique CDR3
13 unique J



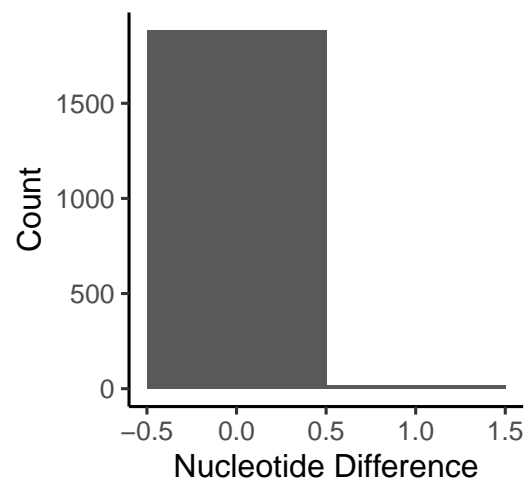
TRBV25-1*ap01

933 sequences assigned
920 (98.6%) exact matches, in which:
904 unique CDR3
13 unique J



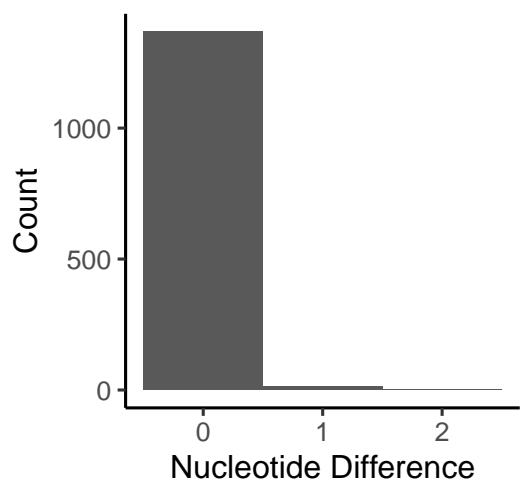
TRBV5-4*ap01

1902 sequences assigned
1883 (99%) exact matches, in which:
1836 unique CDR3
13 unique J



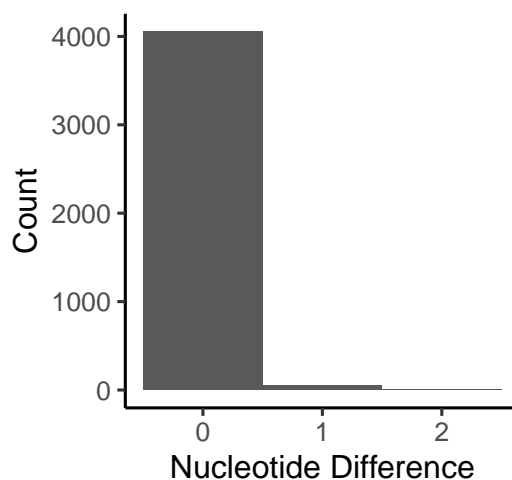
TRBV4-2*ap01

1382 sequences assigned
1368 (99%) exact matches, in which:
1338 unique CDR3
13 unique J



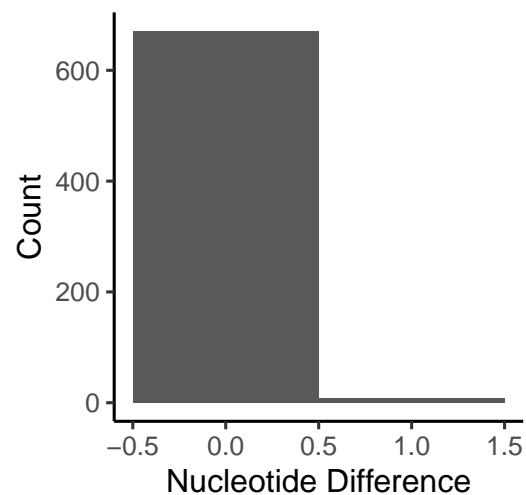
TRBV5-1*ap01

4111 sequences assigned
4053 (98.6%) exact matches, in which:
3941 unique CDR3
13 unique J



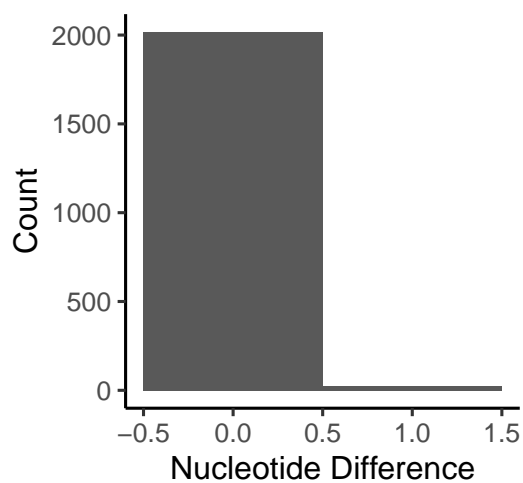
TRBV5-5*ap01

679 sequences assigned
671 (98.8%) exact matches, in which:
651 unique CDR3
13 unique J



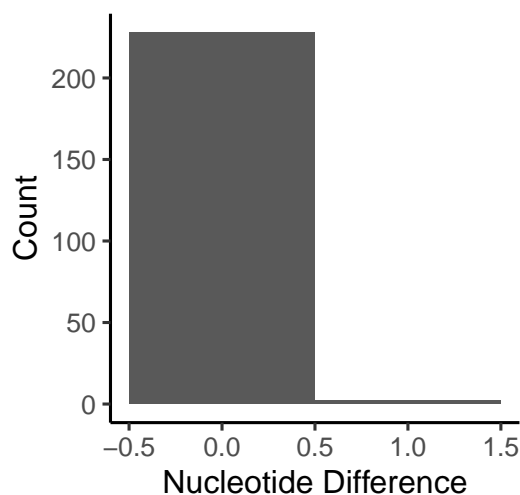
TRBV4-3*ap01

2040 sequences assigned
2017 (98.9%) exact matches, in which:
1965 unique CDR3
13 unique J



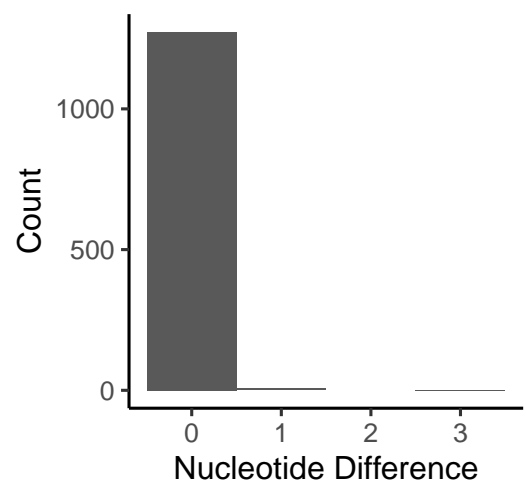
TRBV5-3*ap01

230 sequences assigned
228 (99.1%) exact matches, in which:
223 unique CDR3
13 unique J



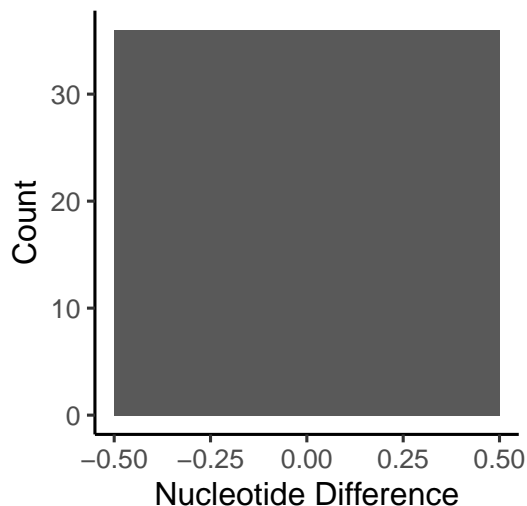
TRBV5-6*ap01

1280 sequences assigned
1273 (99.5%) exact matches, in which:
1242 unique CDR3
13 unique J



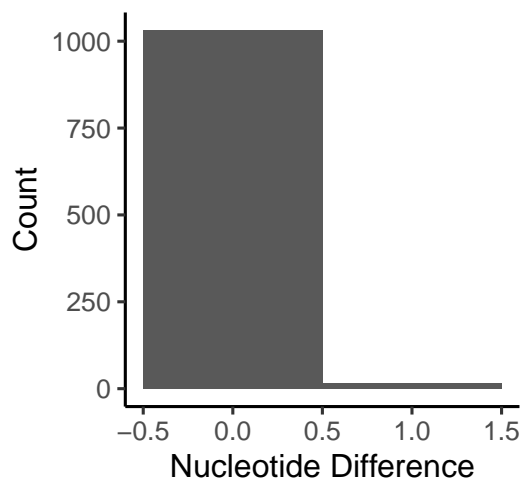
TRBV5-7*ap01

36 sequences assigned
36 (100%) exact matches, in which:
36 unique CDR3
11 unique J



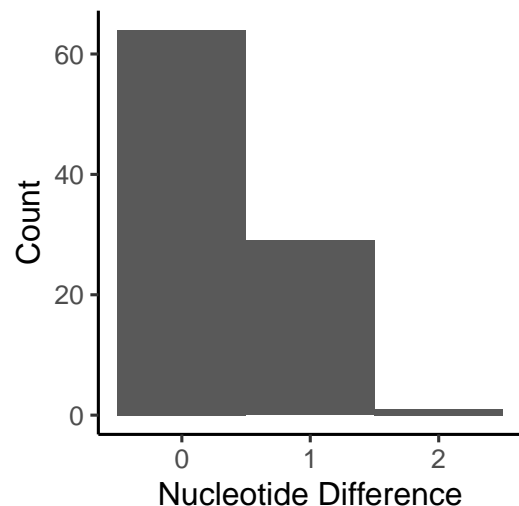
TRBV6-4*ap01

1046 sequences assigned
1031 (98.6%) exact matches, in which:
1009 unique CDR3
13 unique J



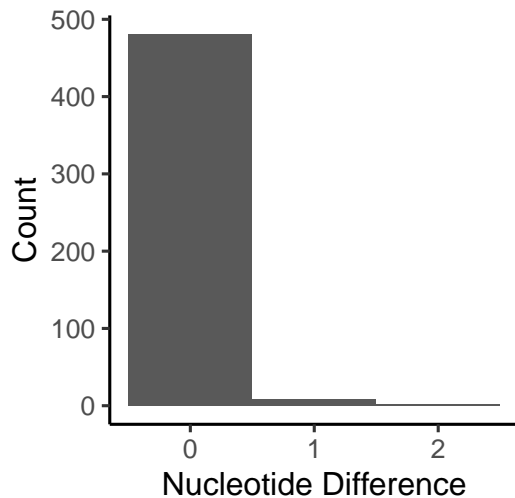
TRBV6-9*ap01

94 sequences assigned
64 (68.1%) exact matches, in which:
62 unique CDR3
13 unique J



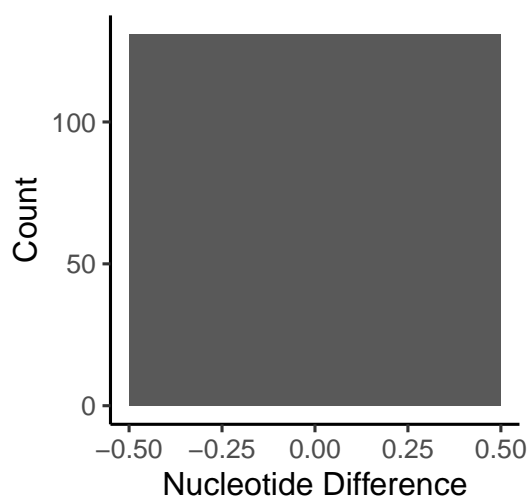
TRBV5-8*ap01

492 sequences assigned
481 (97.8%) exact matches, in which:
470 unique CDR3
13 unique J



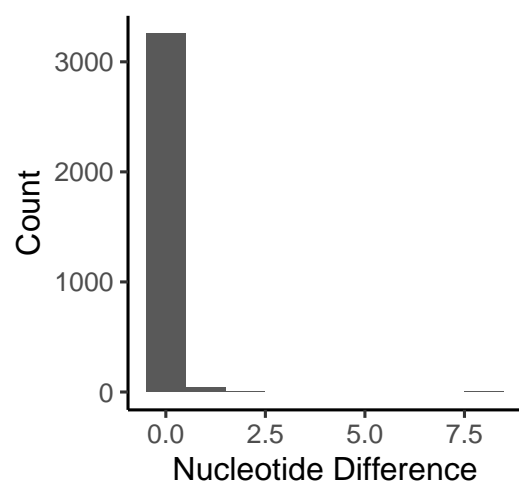
TRBV6-7*ap01

131 sequences assigned
131 (100%) exact matches, in which:
124 unique CDR3
13 unique J



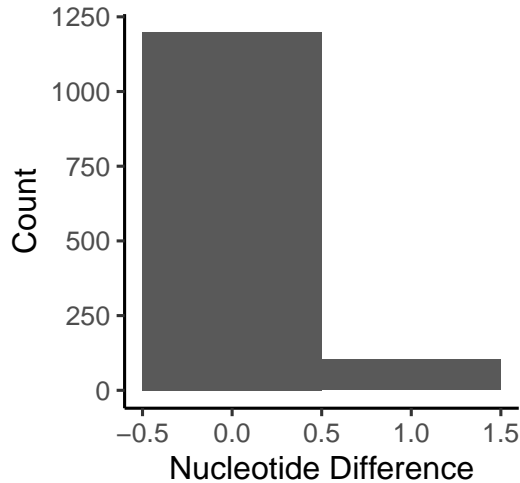
TRBV6-23*ap01

3303 sequences assigned
3255 (98.5%) exact matches, in which:
3183 unique CDR3
13 unique J



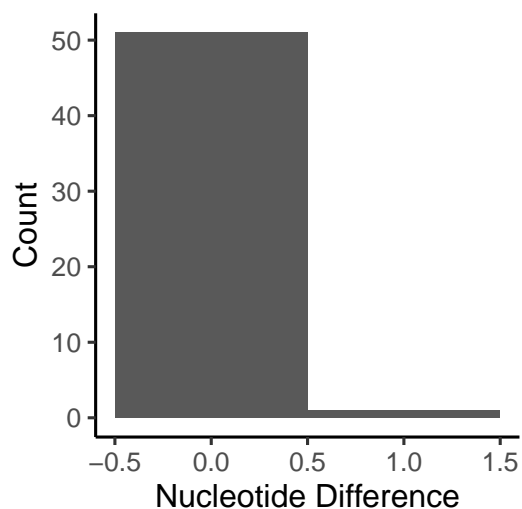
TRBV6-1*ap01

1302 sequences assigned
1199 (92.1%) exact matches, in which:
1163 unique CDR3
13 unique J



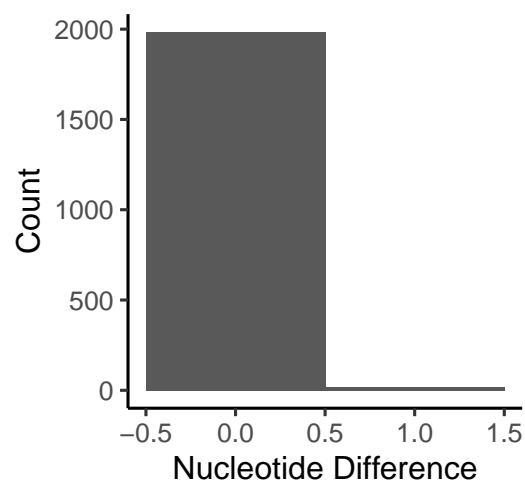
TRBV6-8*ap01

52 sequences assigned
51 (98.1%) exact matches, in which:
48 unique CDR3
10 unique J



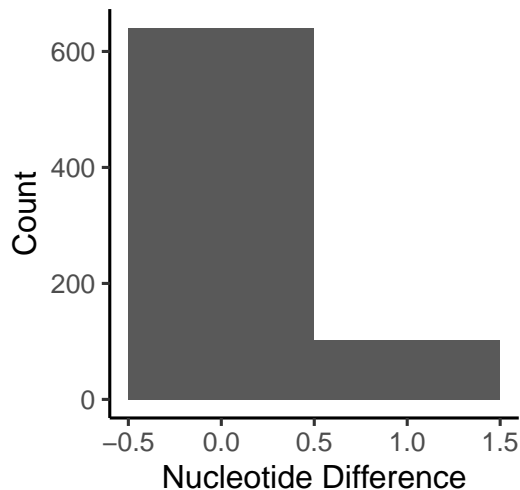
TRBV6-56*ap01

2003 sequences assigned
1984 (99.1%) exact matches, in which:
1942 unique CDR3
13 unique J



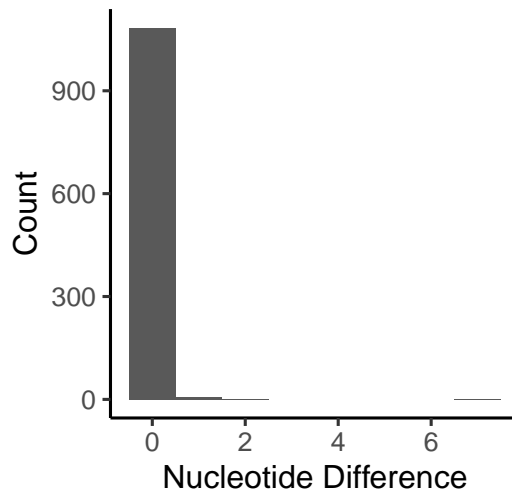
TRBV6–56*ap02

744 sequences assigned
641 (86.2%) exact matches, in which:
625 unique CDR3
13 unique J



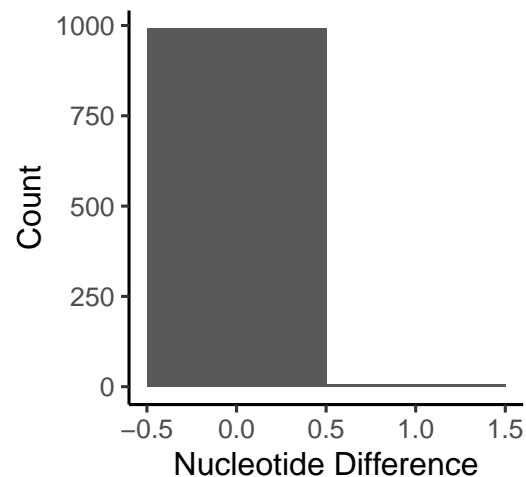
TRBV7–3*ap01

1093 sequences assigned
1084 (99.2%) exact matches, in which:
1048 unique CDR3
13 unique J



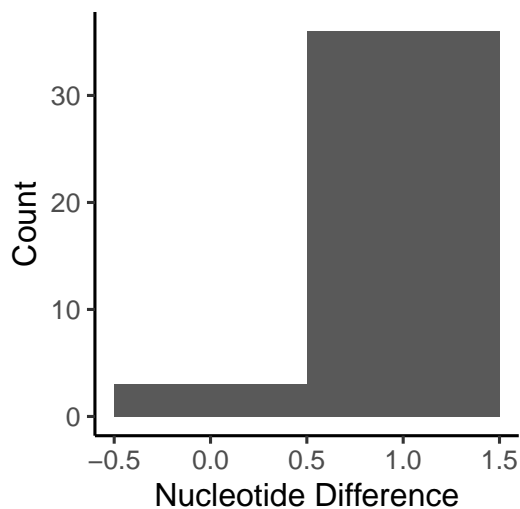
TRBV7–6*ap01

1000 sequences assigned
992 (99.2%) exact matches, in which:
966 unique CDR3
13 unique J



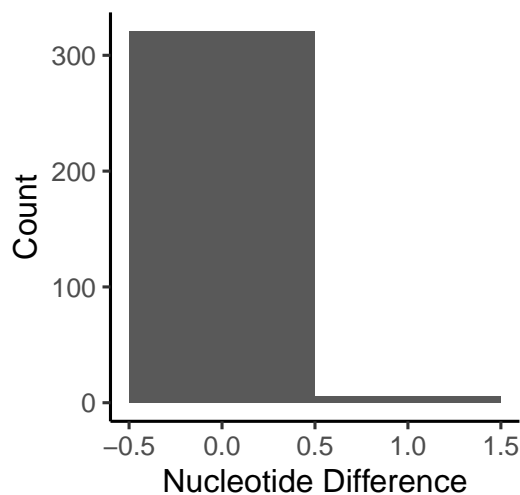
TRBV7–1*ap01_T296C

39 sequences assigned
3 (7.7%) exact matches, in which:
3 unique CDR3
3 unique J



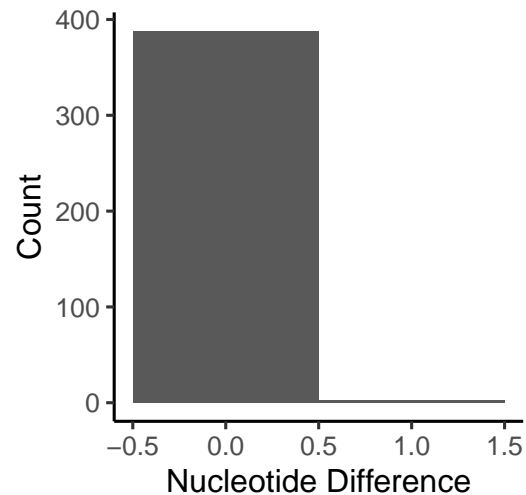
TRBV7–3*ap02

327 sequences assigned
321 (98.2%) exact matches, in which:
315 unique CDR3
13 unique J



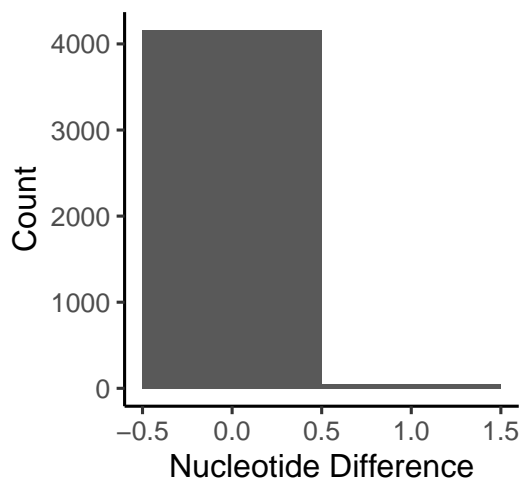
TRBV7–7*ap01

391 sequences assigned
388 (99.2%) exact matches, in which:
379 unique CDR3
13 unique J



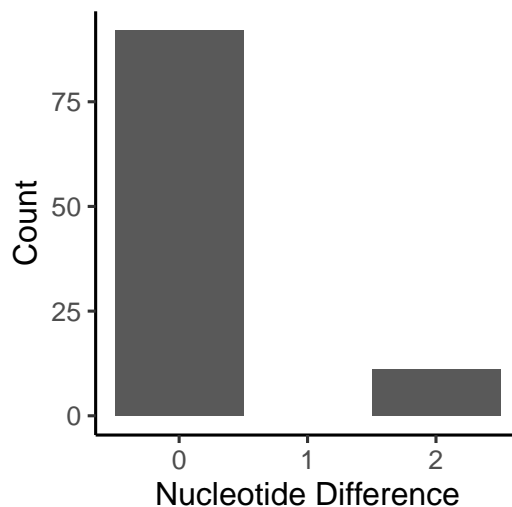
TRBV7–2*ap01

4208 sequences assigned
4161 (98.9%) exact matches, in which:
4025 unique CDR3
13 unique J



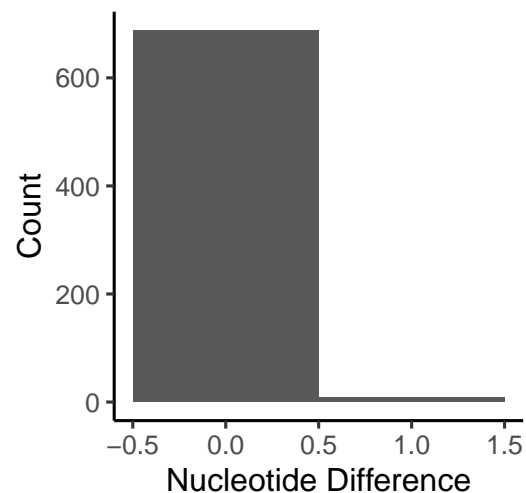
TRBV7–4*ap01

103 sequences assigned
92 (89.3%) exact matches, in which:
92 unique CDR3
13 unique J



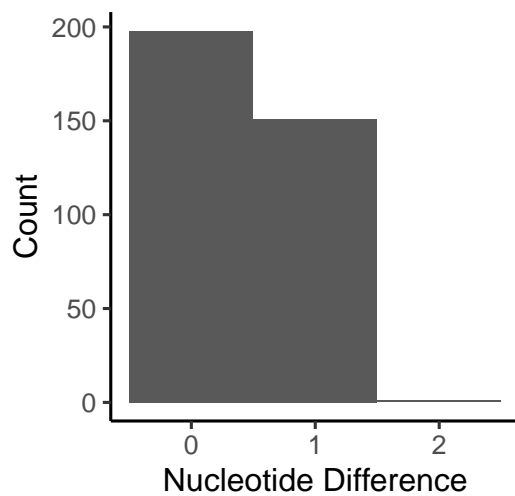
TRBV7–8*ap01

696 sequences assigned
688 (98.9%) exact matches, in which:
660 unique CDR3
13 unique J



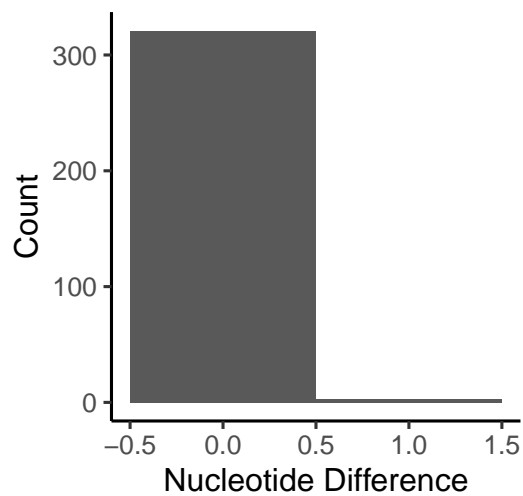
TRBV7–8*ap03

350 sequences assigned
198 (56.6%) exact matches, in which:
193 unique CDR3
13 unique J



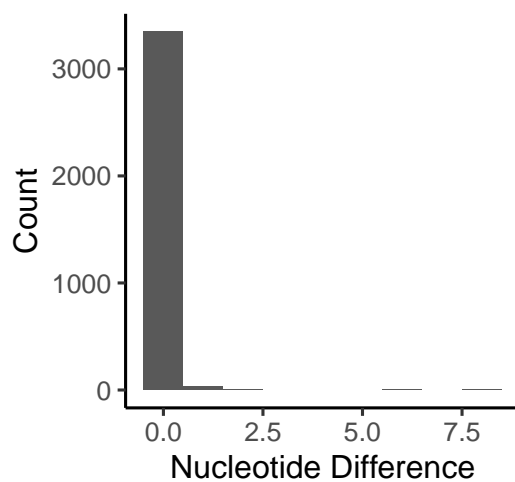
TRBV29–1*ap02

324 sequences assigned
321 (99.1%) exact matches, in which:
312 unique CDR3
13 unique J



TRBV7–9*ap01

3388 sequences assigned
3347 (98.8%) exact matches, in which:
3281 unique CDR3
13 unique J



TRBV29–1*ap01

1447 sequences assigned
1427 (98.6%) exact matches, in which:
1392 unique CDR3
13 unique J

