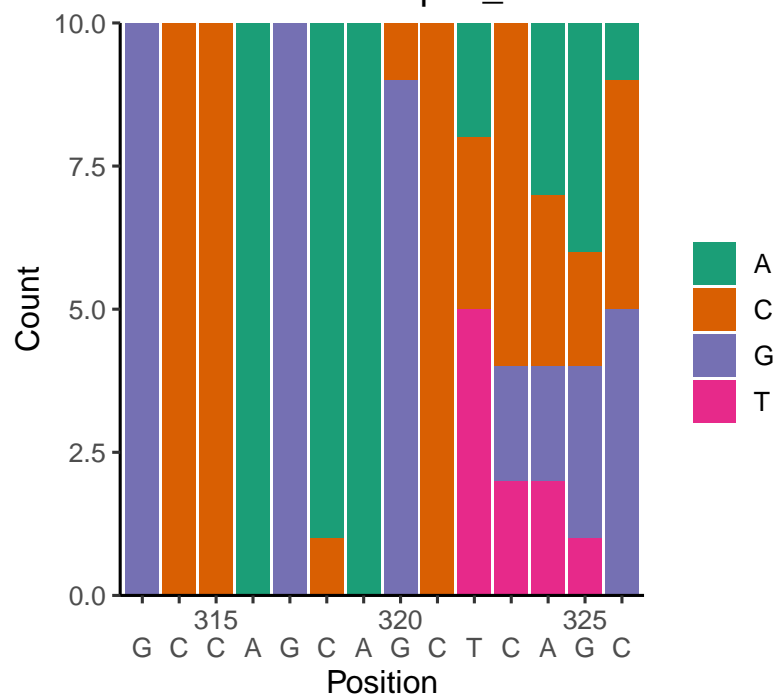
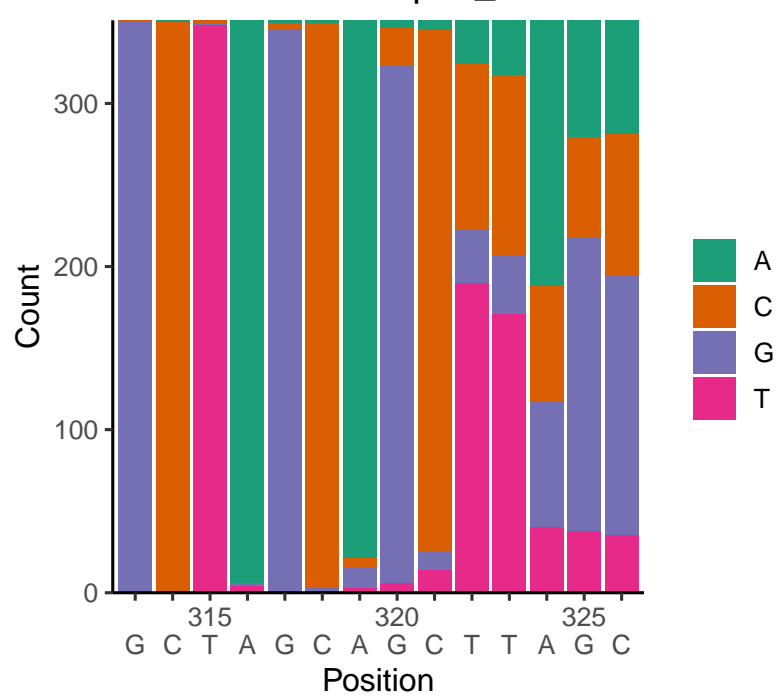


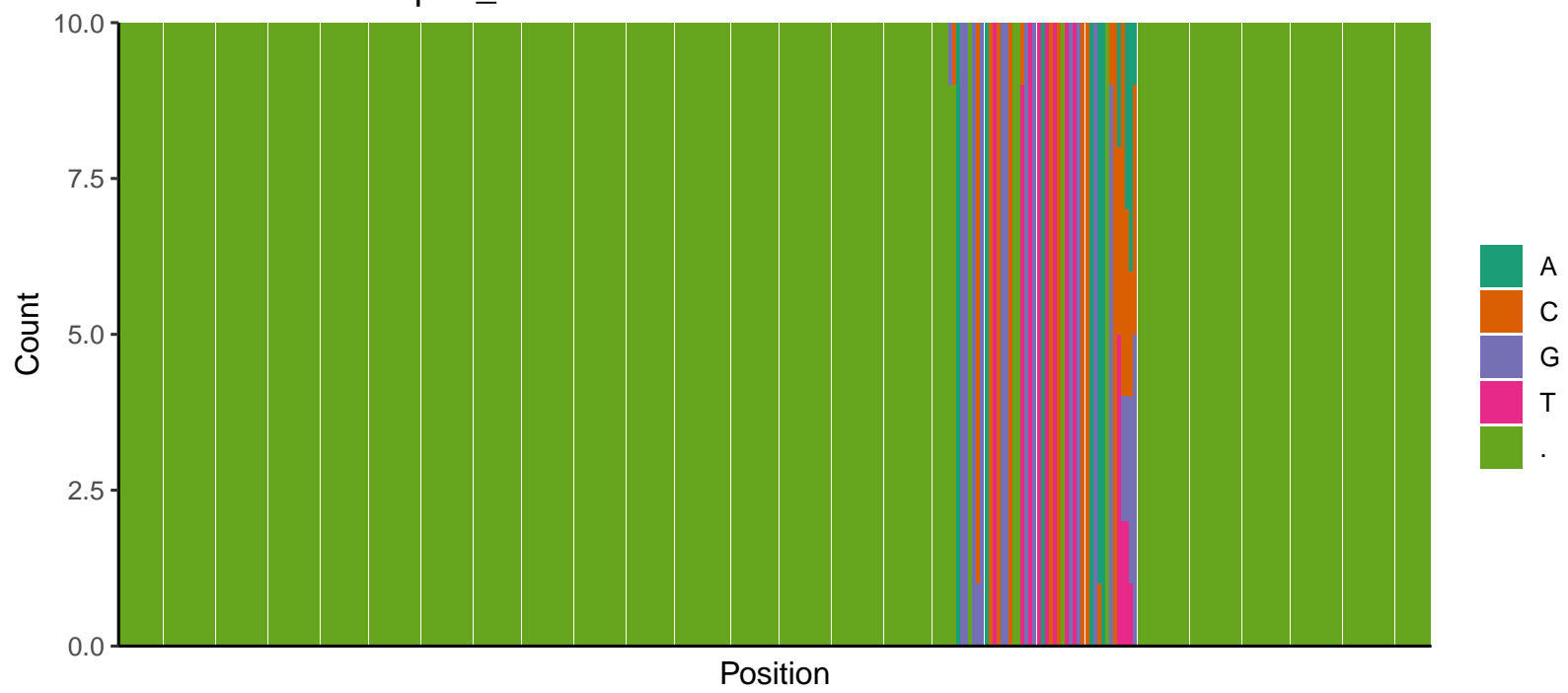
Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



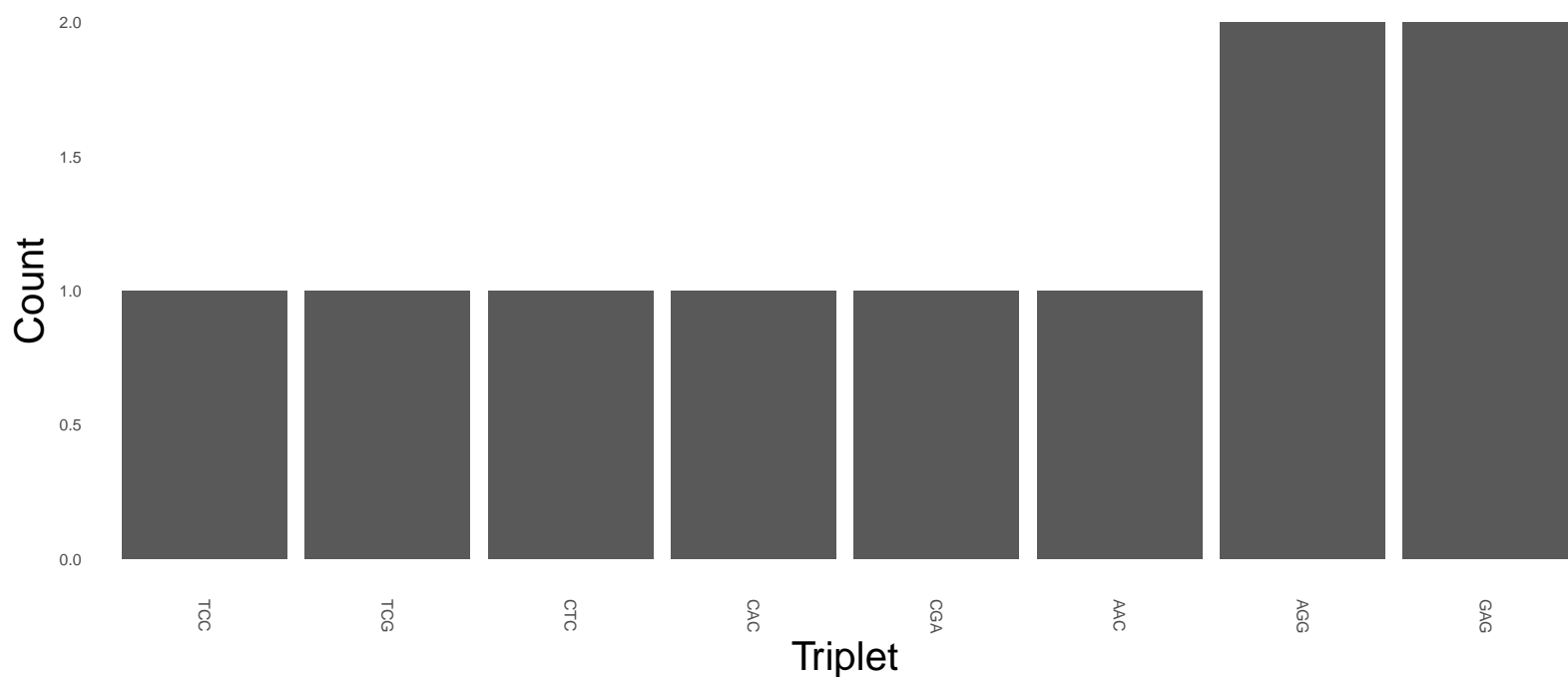
Gene TRBV7-1*ap01_T296C



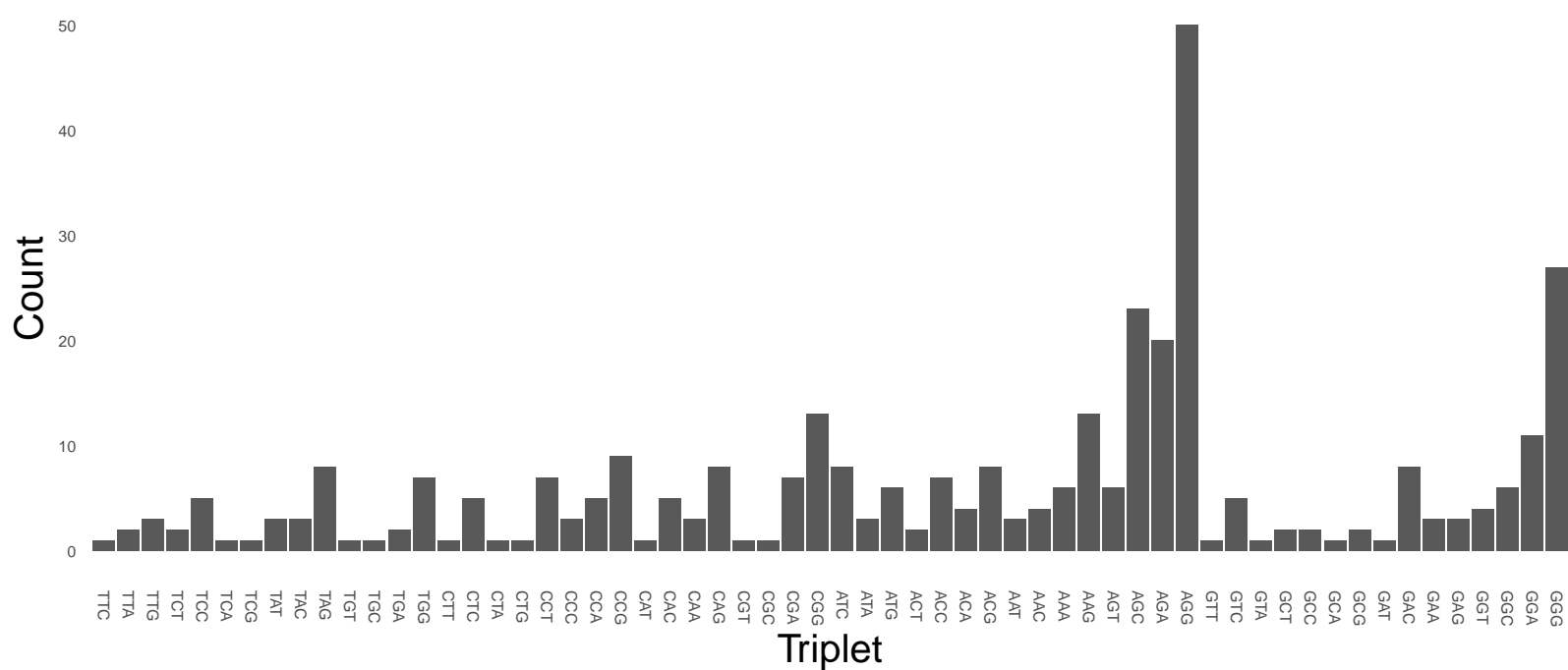
Gene TRBV7-7*ap01_C315T



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

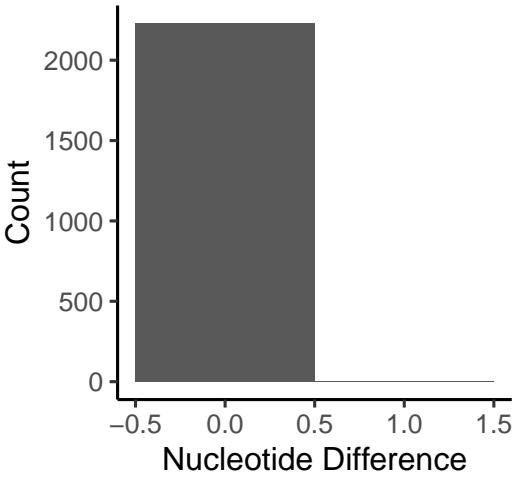


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



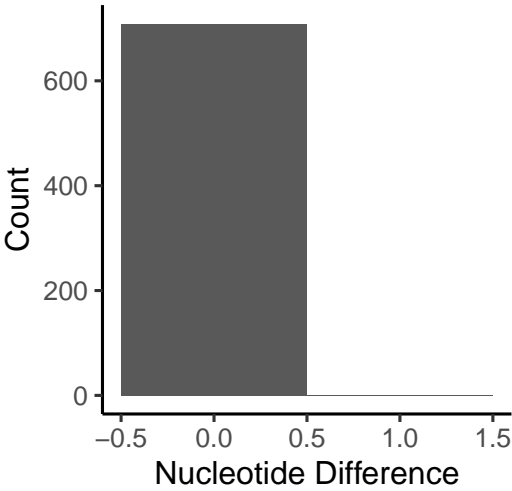
TRBV20-1*ap01

2234 sequences assigned
2229 (99.8%) exact matches, in which:
2220 unique CDR3
13 unique J



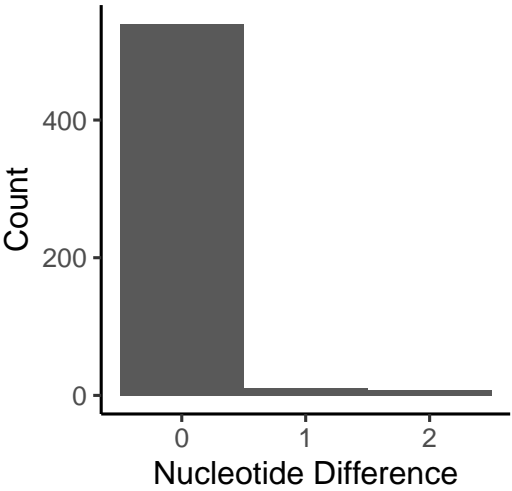
TRBV10-2*ap01

710 sequences assigned
709 (99.9%) exact matches, in which:
703 unique CDR3
13 unique J



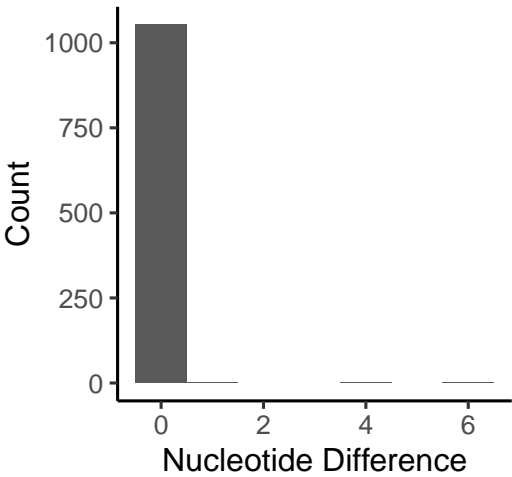
TRBV13*ap01

559 sequences assigned
540 (96.6%) exact matches, in which:
539 unique CDR3
13 unique J



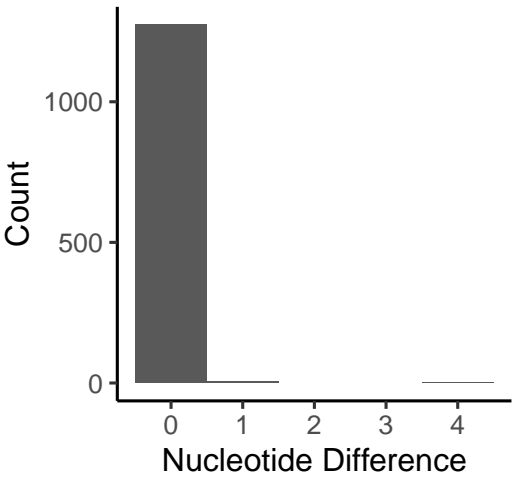
TRBV10-1*ap01

1057 sequences assigned
1053 (99.6%) exact matches, in which:
1050 unique CDR3
13 unique J



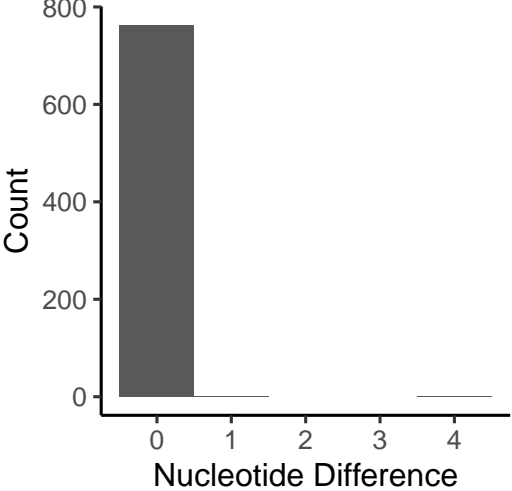
TRBV10-3*ap01

1282 sequences assigned
1274 (99.4%) exact matches, in which:
1270 unique CDR3
13 unique J



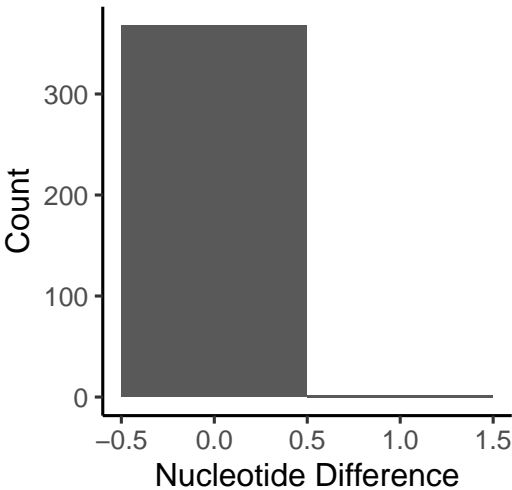
TRBV14*ap01

766 sequences assigned
763 (99.6%) exact matches, in which:
759 unique CDR3
13 unique J



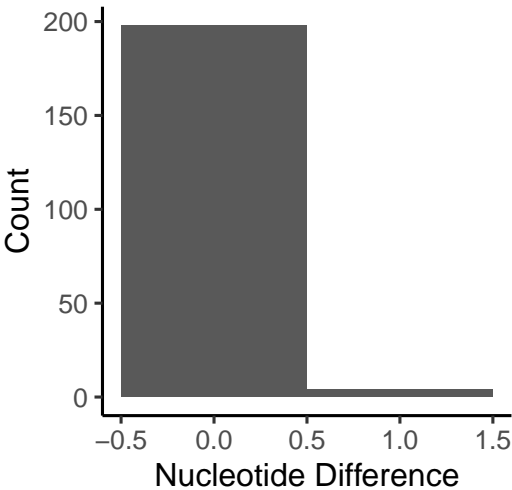
TRBV20-1*ap02

370 sequences assigned
368 (99.5%) exact matches, in which:
367 unique CDR3
13 unique J



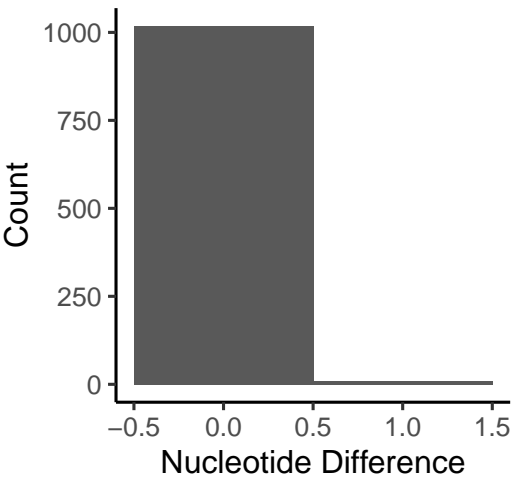
TRBV1*ap01

202 sequences assigned
198 (98%) exact matches, in which:
197 unique CDR3
13 unique J



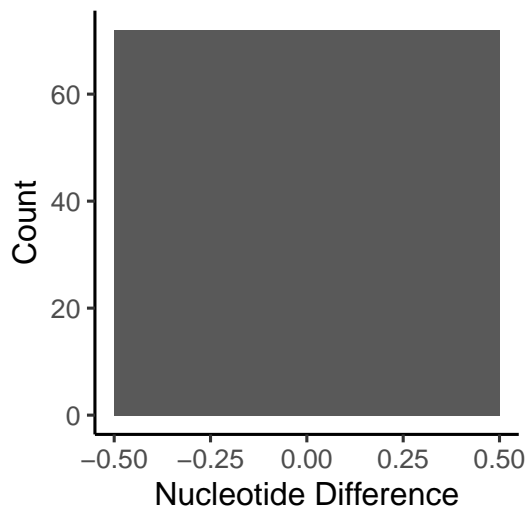
TRBV15*ap02

1028 sequences assigned
1018 (99%) exact matches, in which:
1017 unique CDR3
13 unique J



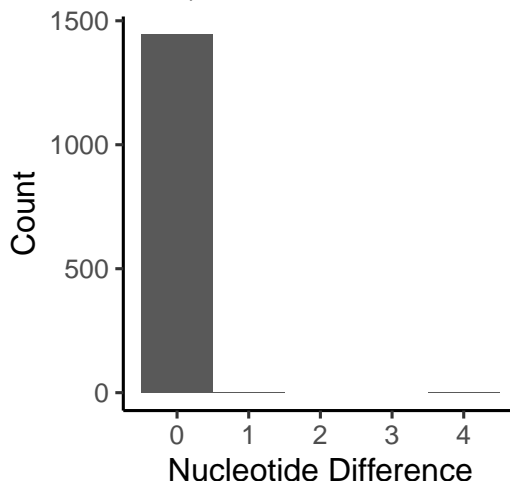
TRBV16*ap01

72 sequences assigned
72 (100%) exact matches, in which:
72 unique CDR3
12 unique J



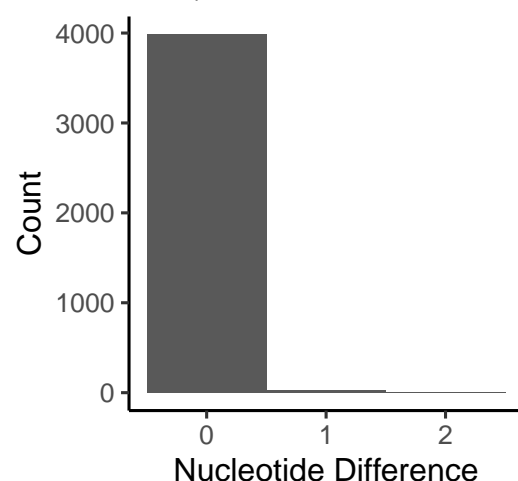
TRBV19*ap01

1450 sequences assigned
1445 (99.7%) exact matches, in which:
1442 unique CDR3
13 unique J



TRBV28*ap01

4009 sequences assigned
3985 (99.4%) exact matches, in which:
3980 unique CDR3
13 unique J



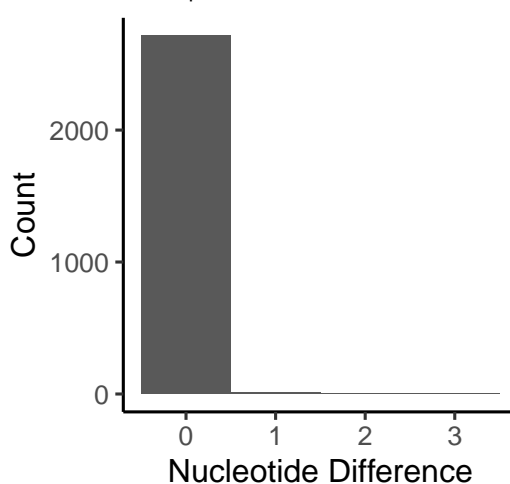
TRBV17*ap01

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



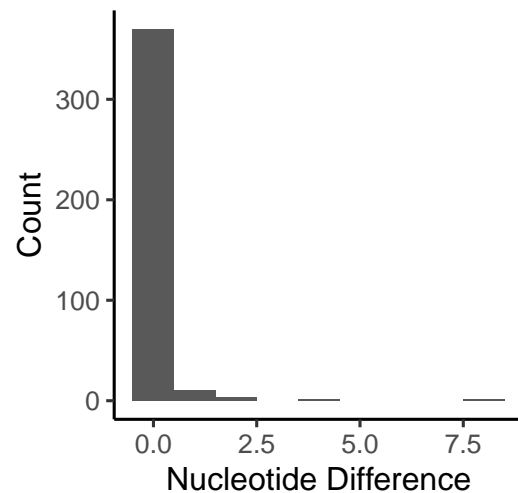
TRBV2*ap01

2731 sequences assigned
2715 (99.4%) exact matches, in which:
2713 unique CDR3
13 unique J



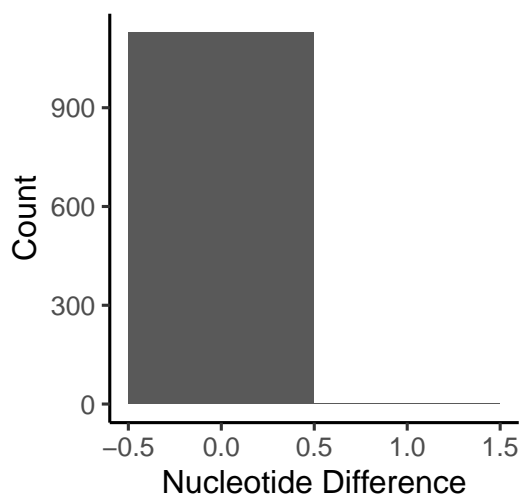
TRBV30*ap02

386 sequences assigned
370 (95.9%) exact matches, in which:
366 unique CDR3
13 unique J



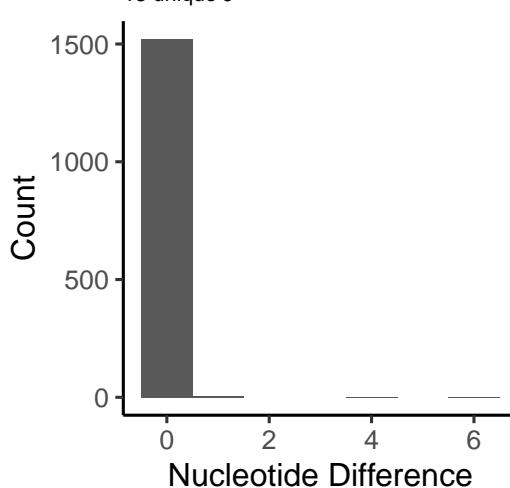
TRBV18*ap01

1131 sequences assigned
1129 (99.8%) exact matches, in which:
1128 unique CDR3
13 unique J



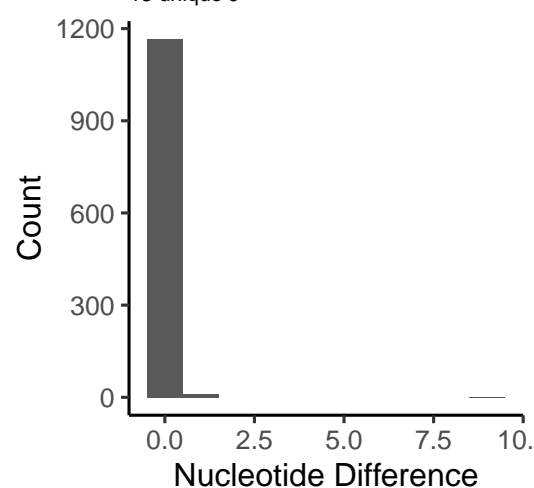
TRBV27*ap01

1529 sequences assigned
1521 (99.5%) exact matches, in which:
1515 unique CDR3
13 unique J



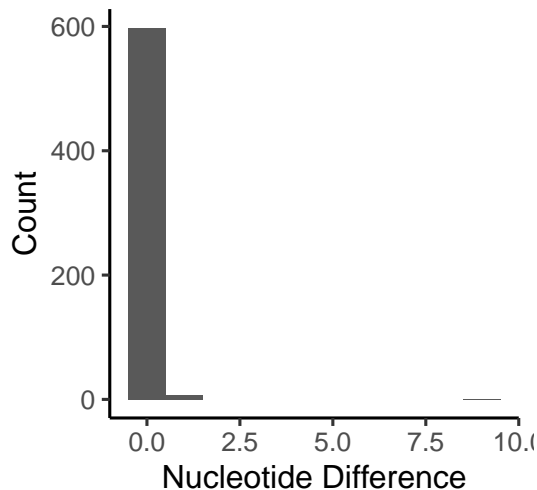
TRBV9*ap01

1178 sequences assigned
1166 (99%) exact matches, in which:
1161 unique CDR3
13 unique J



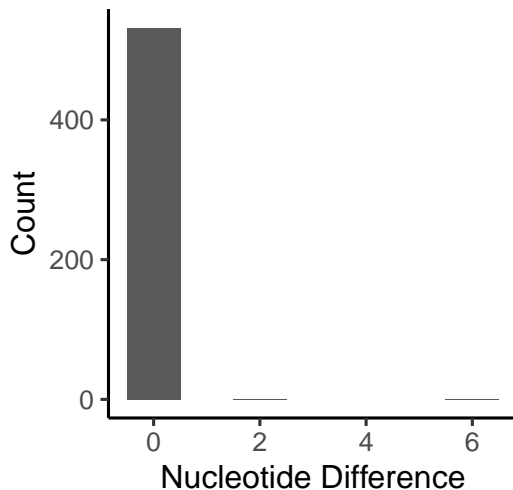
TRBV21-1*ap01

606 sequences assigned
598 (98.7%) exact matches, in which:
597 unique CDR3
13 unique J



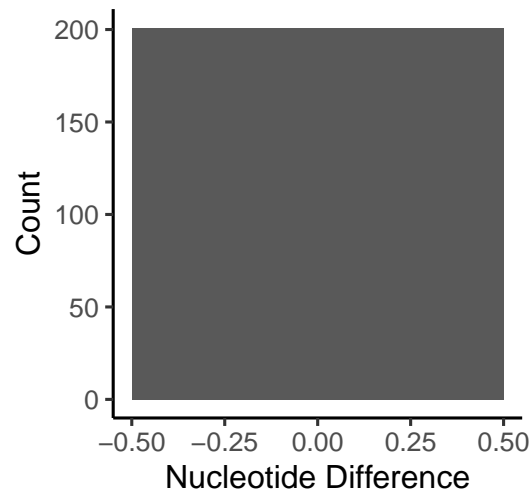
TRBV11-3*ap01

534 sequences assigned
532 (99.6%) exact matches, in which:
531 unique CDR3
13 unique J



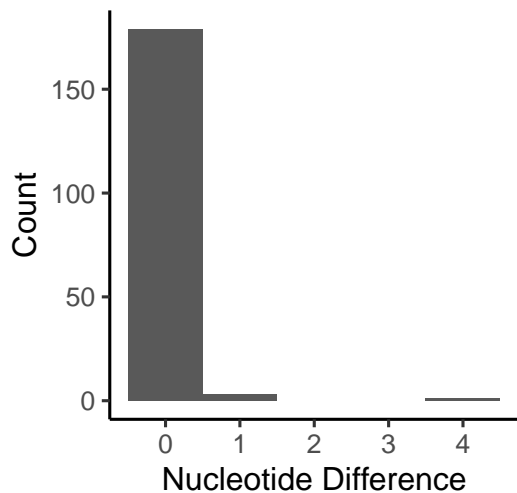
TRBV12-5*ap01

201 sequences assigned
201 (100%) exact matches, in which:
200 unique CDR3
13 unique J



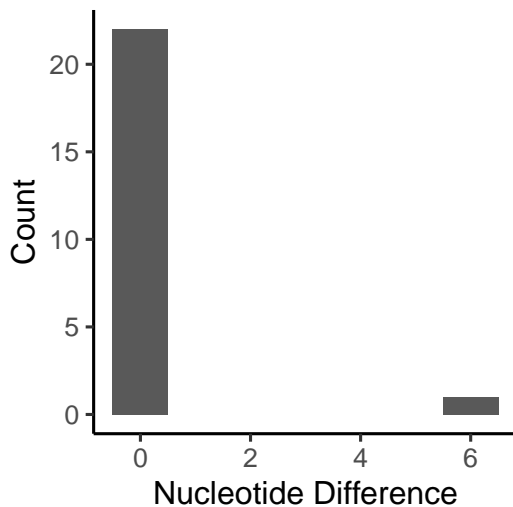
TRBV11-1*ap01

183 sequences assigned
179 (97.8%) exact matches, in which:
179 unique CDR3
12 unique J



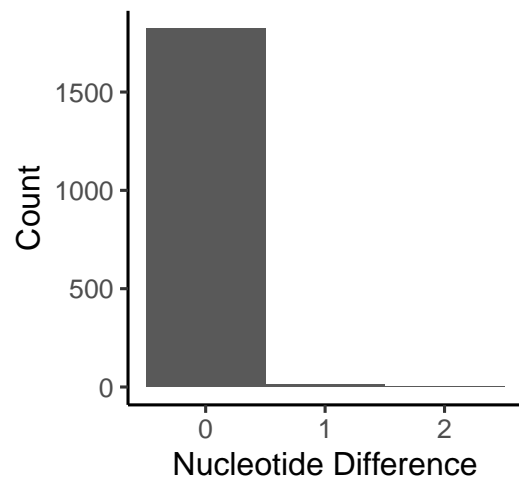
TRBV12-1*ap01

23 sequences assigned
22 (95.7%) exact matches, in which:
22 unique CDR3
10 unique J



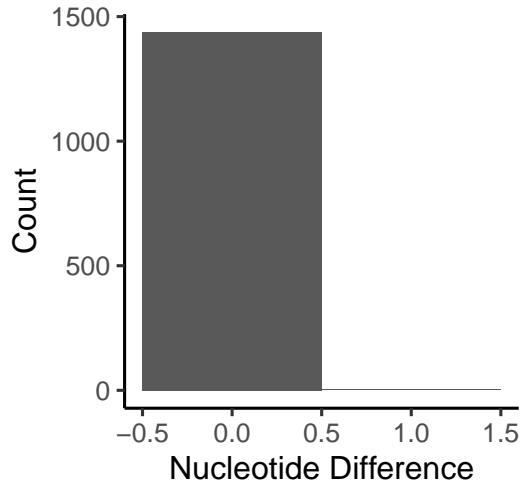
TRBV12-34*ap01

1834 sequences assigned
1822 (99.3%) exact matches, in which:
1818 unique CDR3
13 unique J



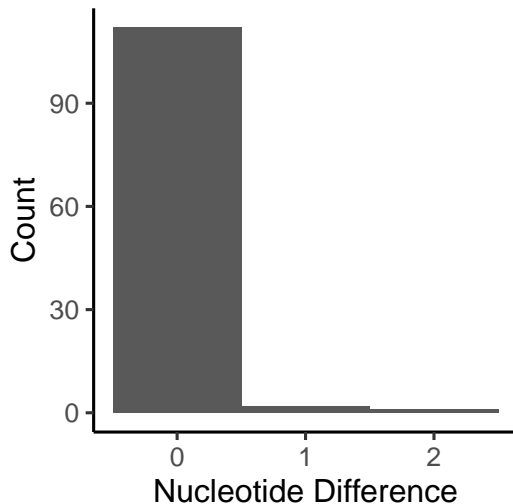
TRBV11-2*ap01

1442 sequences assigned
1438 (99.7%) exact matches, in which:
1434 unique CDR3
13 unique J



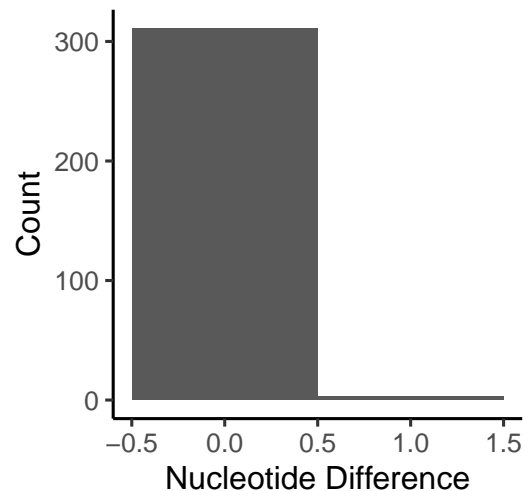
TRBV12-2*ap01

115 sequences assigned
112 (97.4%) exact matches, in which:
112 unique CDR3
13 unique J



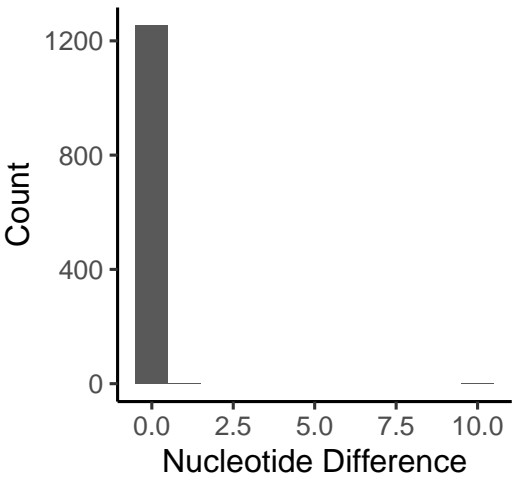
TRBV23-1*ap01

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



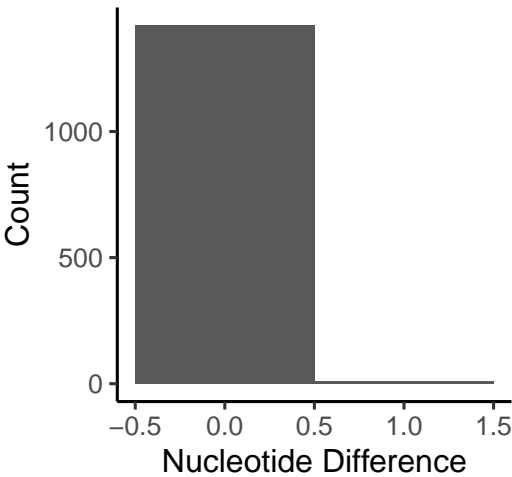
TRBV3-12*ap01

1257 sequences assigned
1254 (99.8%) exact matches, in which:
1250 unique CDR3
13 unique J



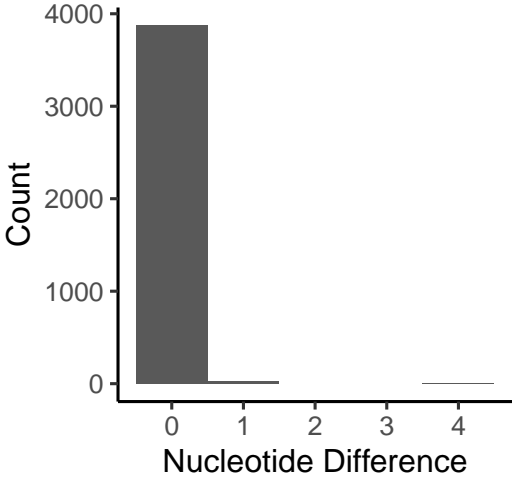
TRBV4-2*ap01

1430 sequences assigned
1421 (99.4%) exact matches, in which:
1418 unique CDR3
13 unique J



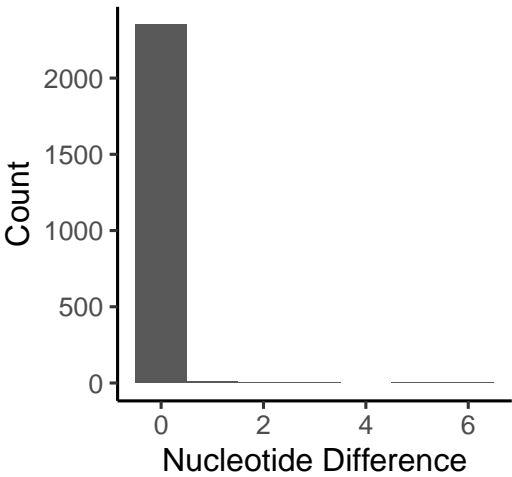
TRBV5-1*ap01

3902 sequences assigned
3874 (99.3%) exact matches, in which:
3864 unique CDR3
13 unique J



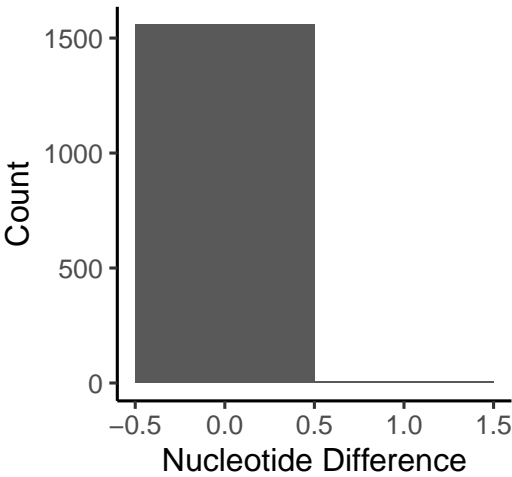
TRBV24-1*ap01

2362 sequences assigned
2350 (99.5%) exact matches, in which:
2342 unique CDR3
14 unique J



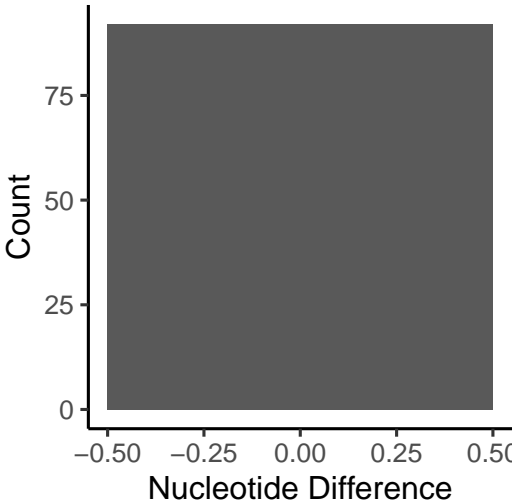
TRBV4-3*ap01

1563 sequences assigned
1558 (99.7%) exact matches, in which:
1552 unique CDR3
13 unique J



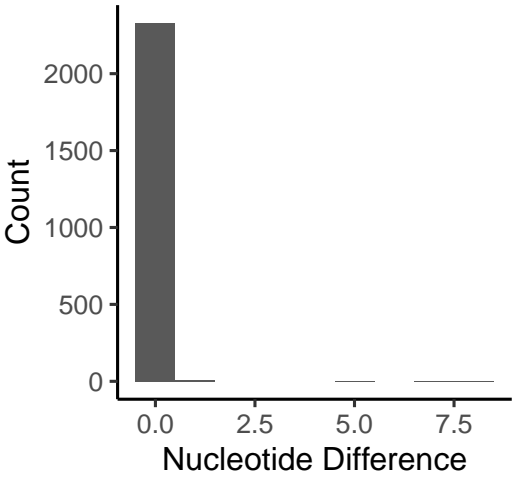
TRBV5-3*ap01

92 sequences assigned
92 (100%) exact matches, in which:
92 unique CDR3
13 unique J



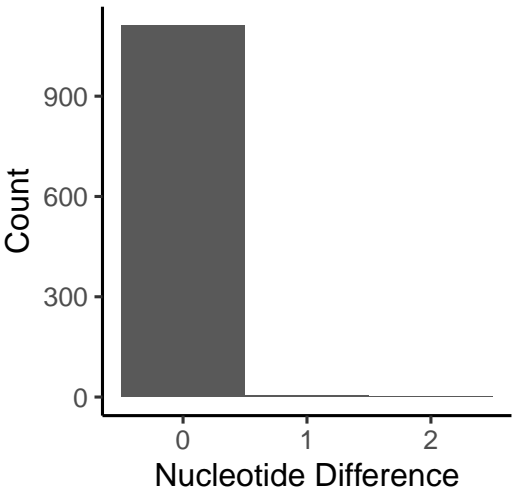
TRBV4-1*ap01

2342 sequences assigned
2329 (99.4%) exact matches, in which:
2320 unique CDR3
13 unique J



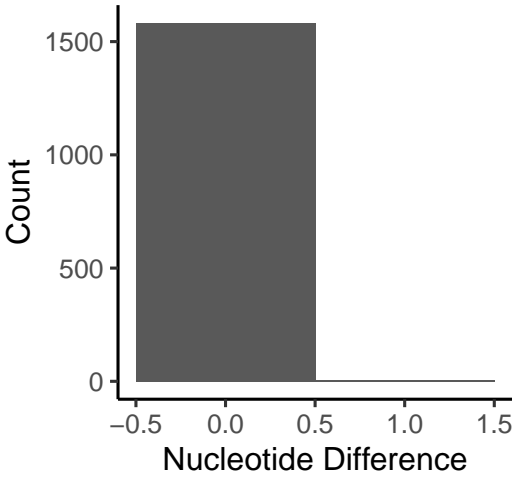
TRBV25-1*ap01

1117 sequences assigned
1112 (99.6%) exact matches, in which:
1105 unique CDR3
13 unique J



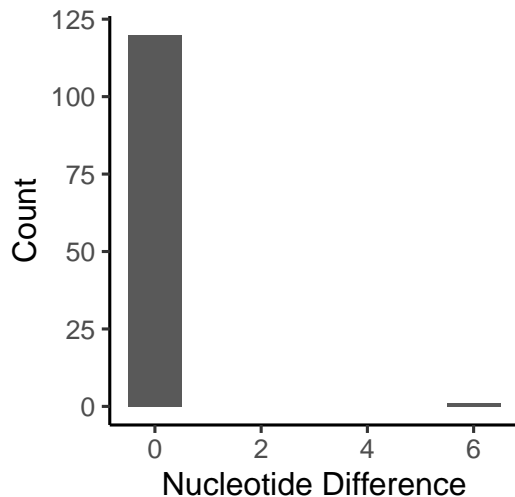
TRBV5-4*ap01

1588 sequences assigned
1582 (99.6%) exact matches, in which:
1579 unique CDR3
13 unique J



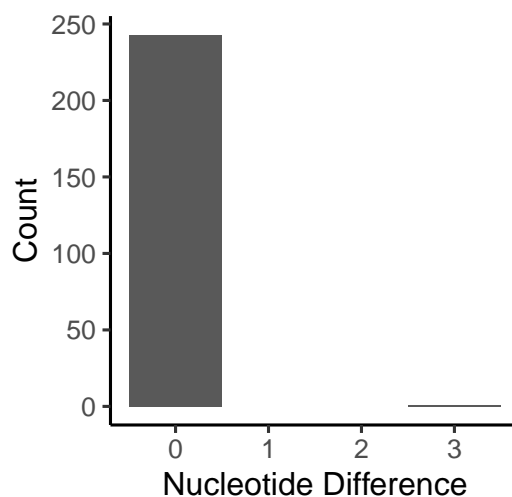
TRBV5-5*ap01

121 sequences assigned
120 (99.2%) exact matches, in which:
120 unique CDR3
11 unique J



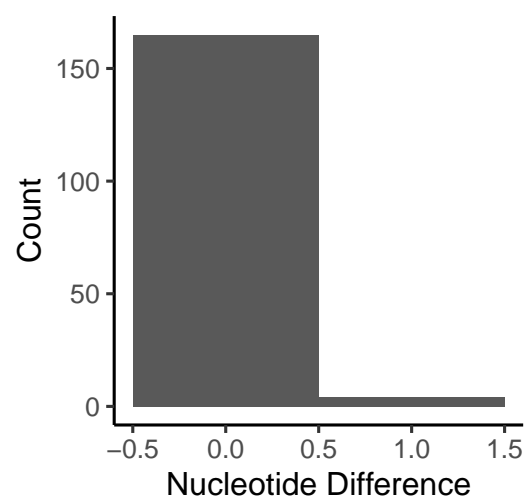
TRBV5-8*ap01

244 sequences assigned
243 (99.6%) exact matches, in which:
243 unique CDR3
13 unique J



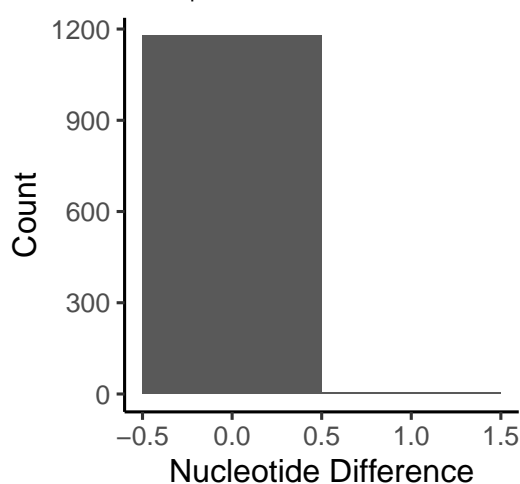
TRBV6-7*ap01

169 sequences assigned
165 (97.6%) exact matches, in which:
164 unique CDR3
13 unique J



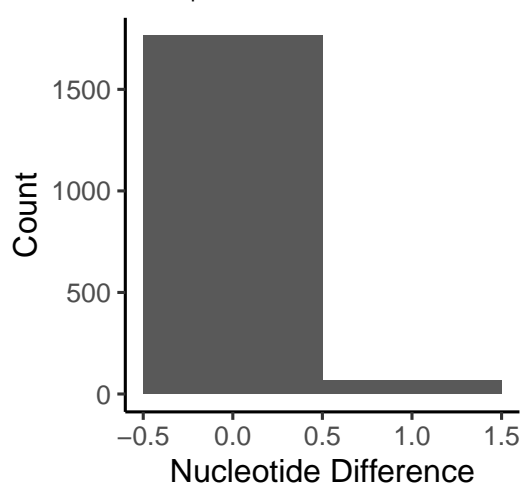
TRBV5-6*ap01

1184 sequences assigned
1178 (99.5%) exact matches, in which:
1173 unique CDR3
13 unique J



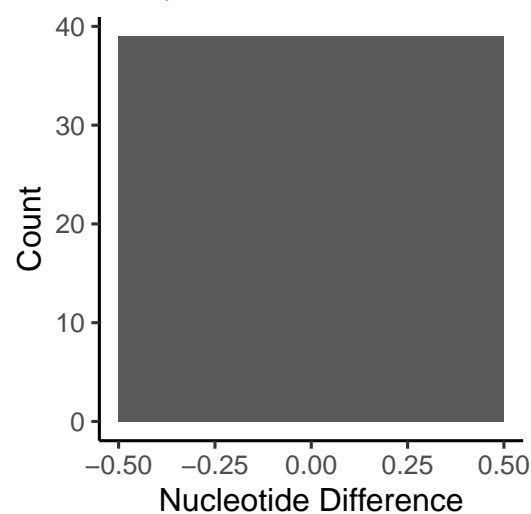
TRBV6-1*ap01

1829 sequences assigned
1764 (96.4%) exact matches, in which:
1759 unique CDR3
13 unique J



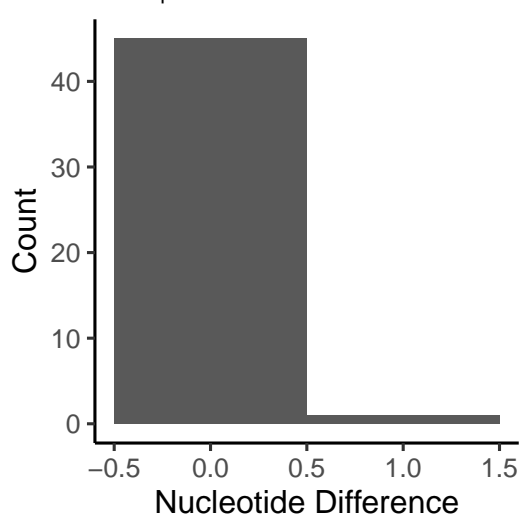
TRBV6-8*ap01

39 sequences assigned
39 (100%) exact matches, in which:
39 unique CDR3
12 unique J



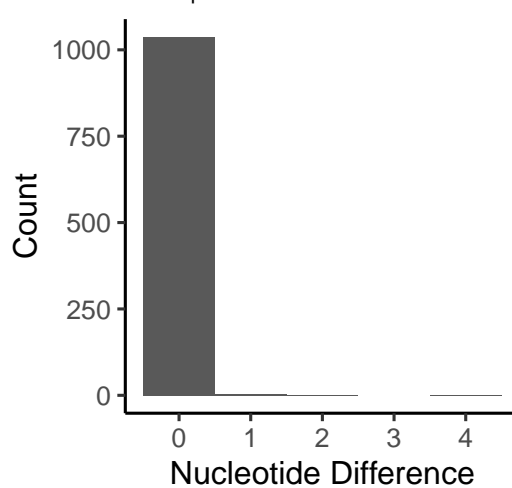
TRBV5-7*ap01

46 sequences assigned
45 (97.8%) exact matches, in which:
45 unique CDR3
11 unique J



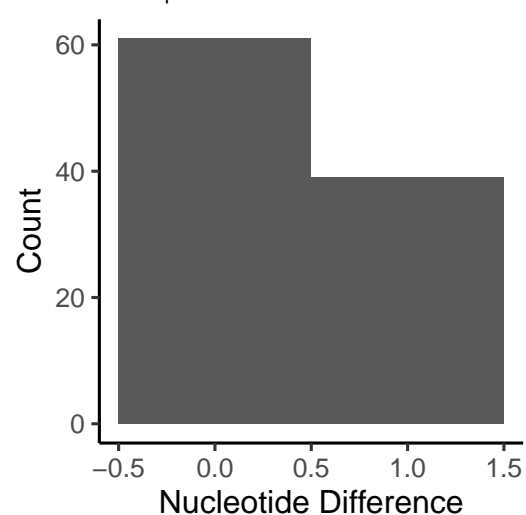
TRBV6-4*ap01

1042 sequences assigned
1037 (99.5%) exact matches, in which:
1035 unique CDR3
13 unique J



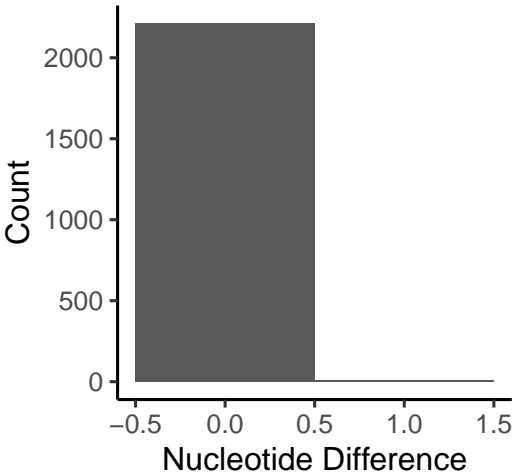
TRBV6-9*ap01

100 sequences assigned
61 (61%) exact matches, in which:
61 unique CDR3
12 unique J



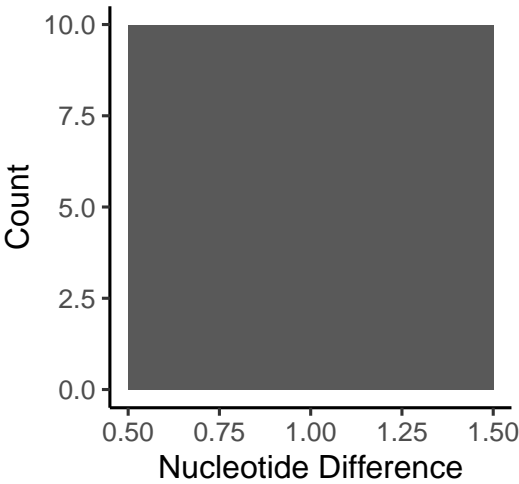
TRBV6-23*ap01

2220 sequences assigned
2212 (99.6%) exact matches, in which:
2202 unique CDR3
13 unique J



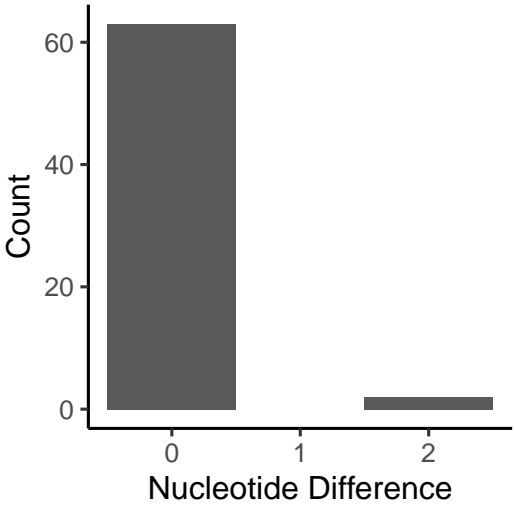
TRBV7-1*ap01_T296C

10 sequences assigned
No exact matches.



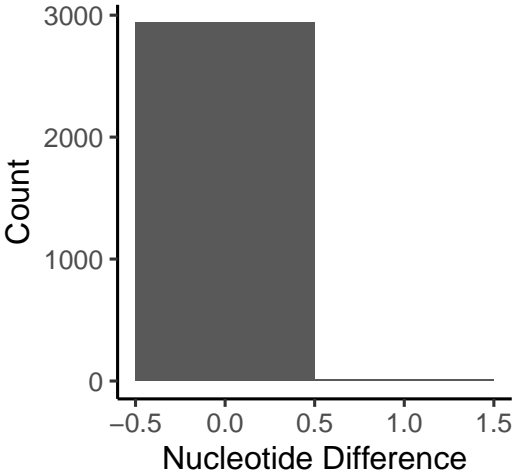
TRBV7-4*ap01

65 sequences assigned
63 (96.9%) exact matches, in which:
63 unique CDR3
10 unique J



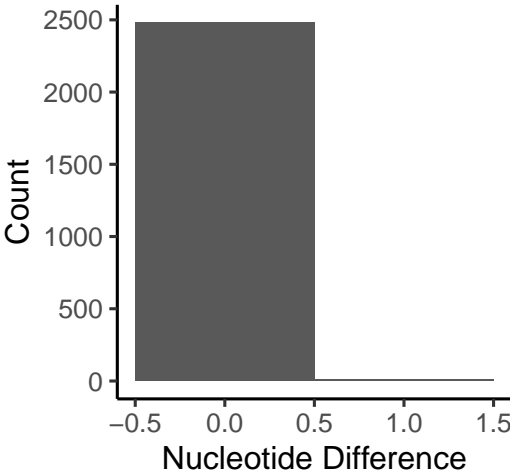
TRBV6-56*ap01

2950 sequences assigned
2938 (99.6%) exact matches, in which:
2927 unique CDR3
13 unique J



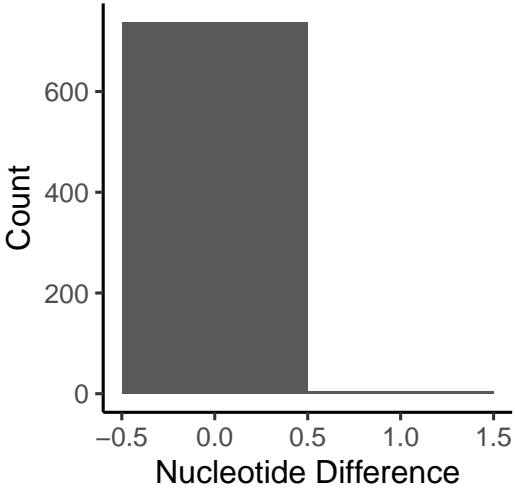
TRBV7-2*ap01

2488 sequences assigned
2480 (99.7%) exact matches, in which:
2478 unique CDR3
13 unique J



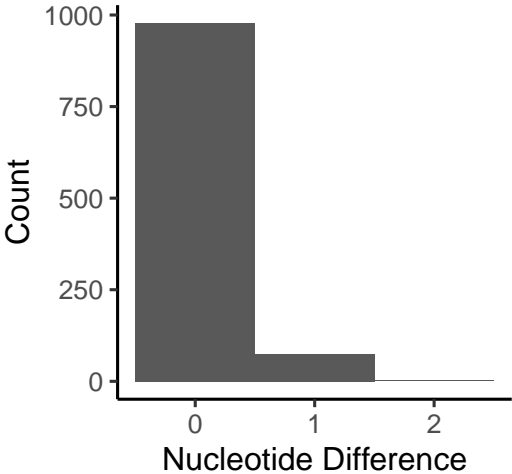
TRBV7-6*ap01

742 sequences assigned
738 (99.5%) exact matches, in which:
737 unique CDR3
13 unique J



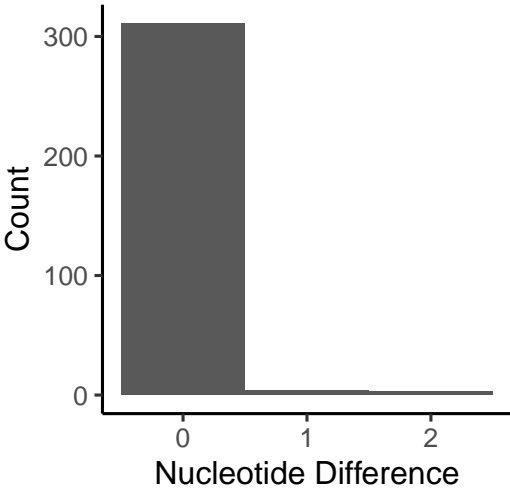
TRBV6-56*ap02

1055 sequences assigned
978 (92.7%) exact matches, in which:
975 unique CDR3
13 unique J



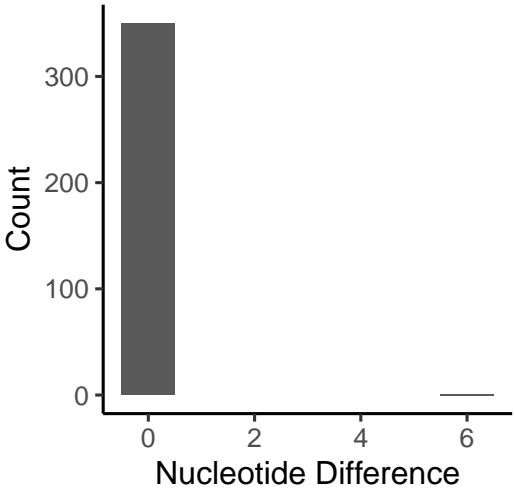
TRBV7-3*ap03

318 sequences assigned
311 (97.8%) exact matches, in which:
309 unique CDR3
13 unique J



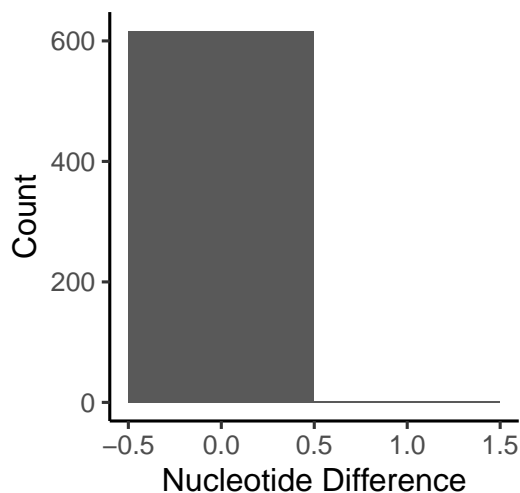
TRBV7-7*ap01_C315T

351 sequences assigned
350 (99.7%) exact matches, in which:
350 unique CDR3
13 unique J



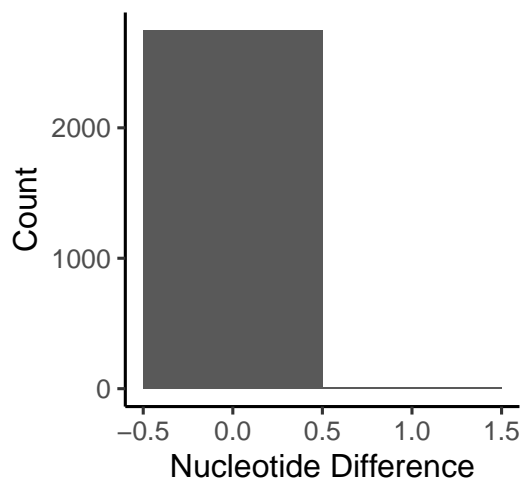
TRBV7-8*ap01

619 sequences assigned
617 (99.7%) exact matches, in which:
616 unique CDR3
13 unique J



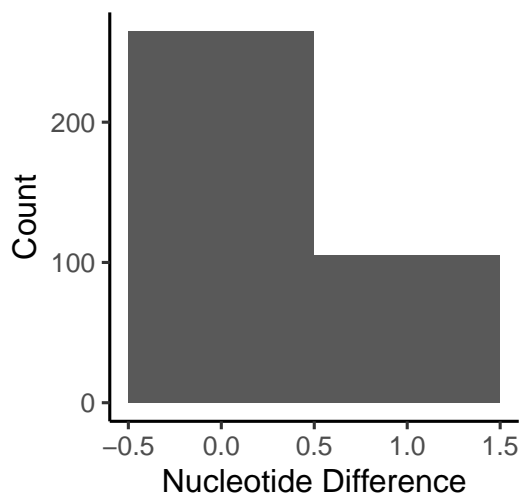
TRBV29-1*ap01

2762 sequences assigned
2747 (99.5%) exact matches, in which:
2728 unique CDR3
13 unique J



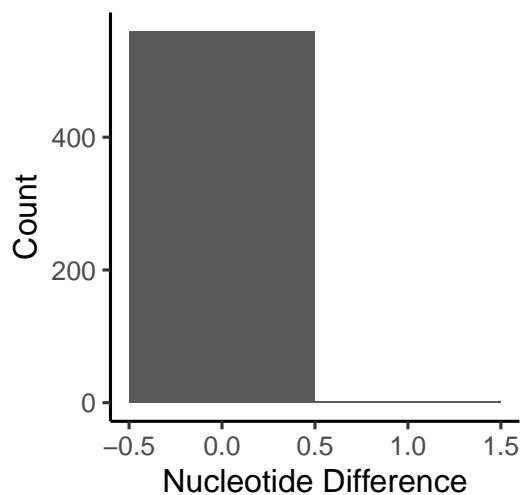
TRBV7-8*ap03

370 sequences assigned
265 (71.6%) exact matches, in which:
265 unique CDR3
12 unique J



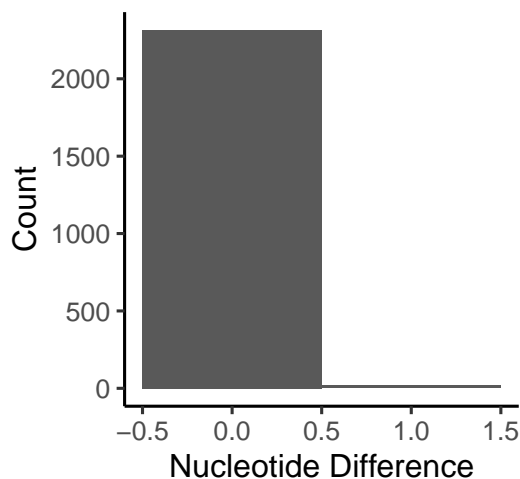
TRBV29-1*ap02

563 sequences assigned
560 (99.5%) exact matches, in which:
560 unique CDR3
13 unique J

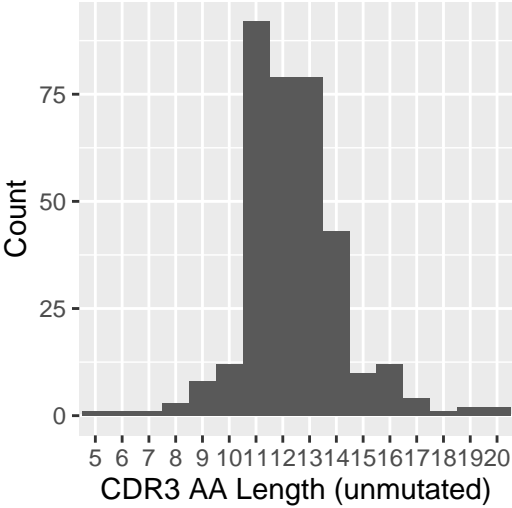


TRBV7-9*ap01

2332 sequences assigned
2315 (99.3%) exact matches, in which:
2309 unique CDR3
13 unique J



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.