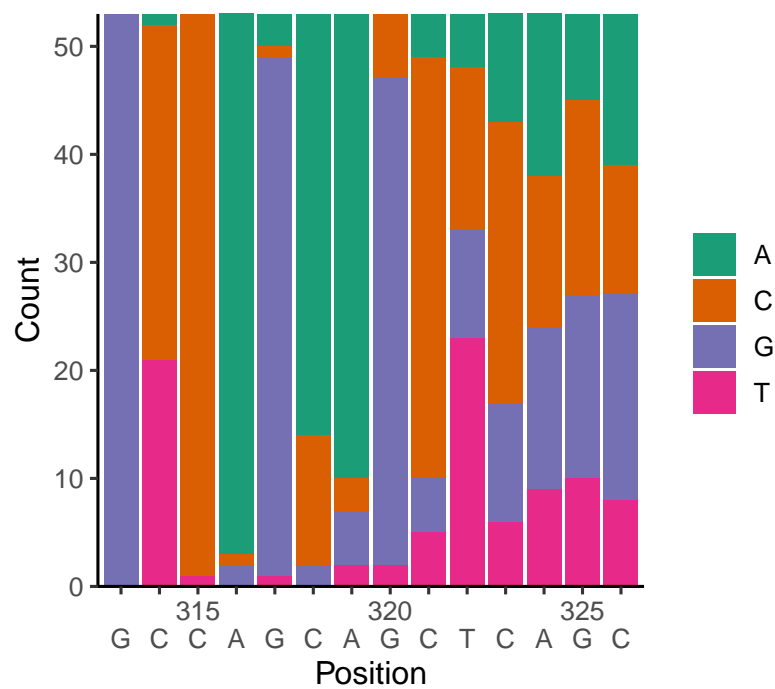
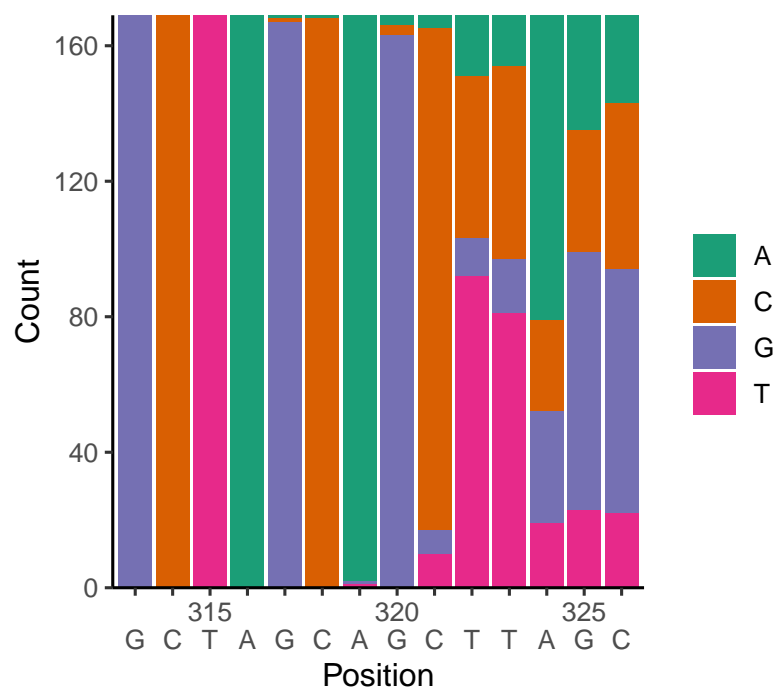


Gene TRBV7-1*ap01_T296C



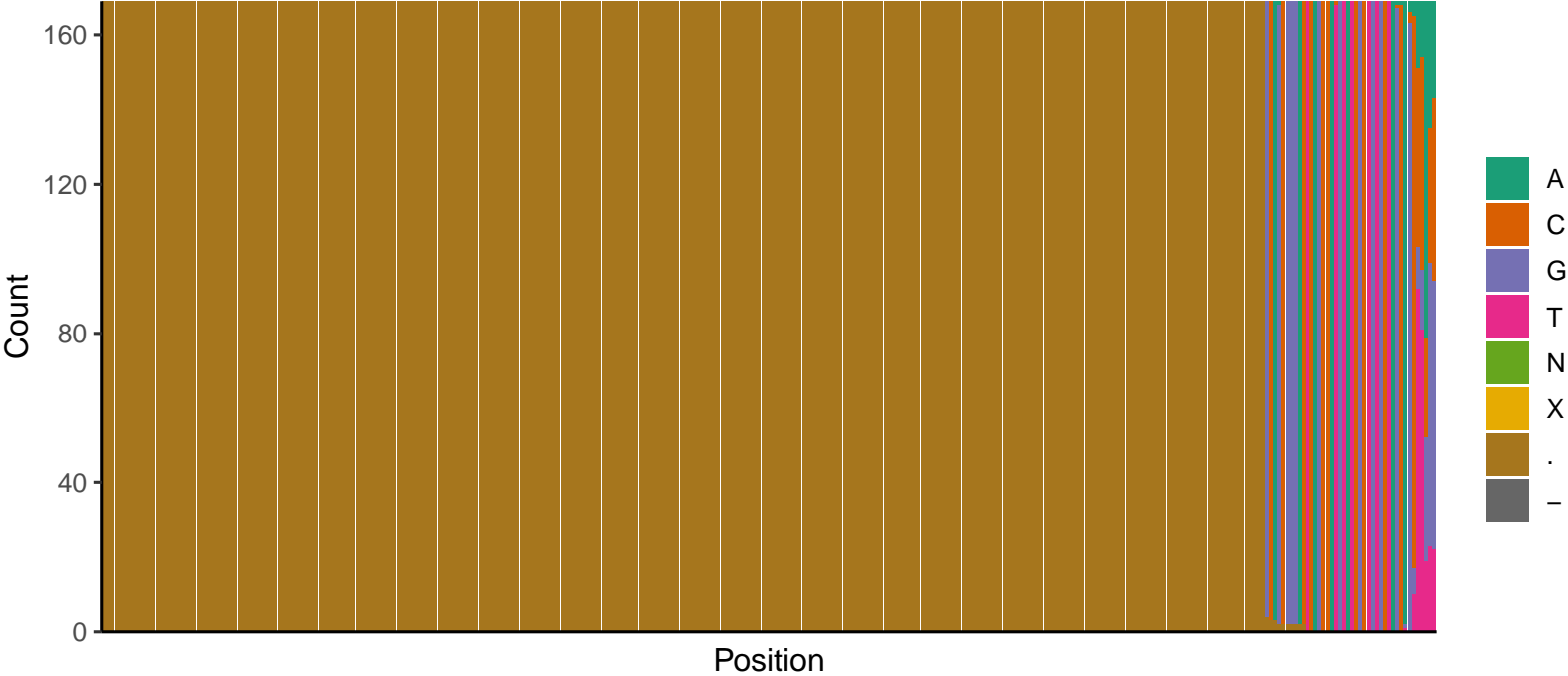
Gene TRBV7-7*ap01_C315T



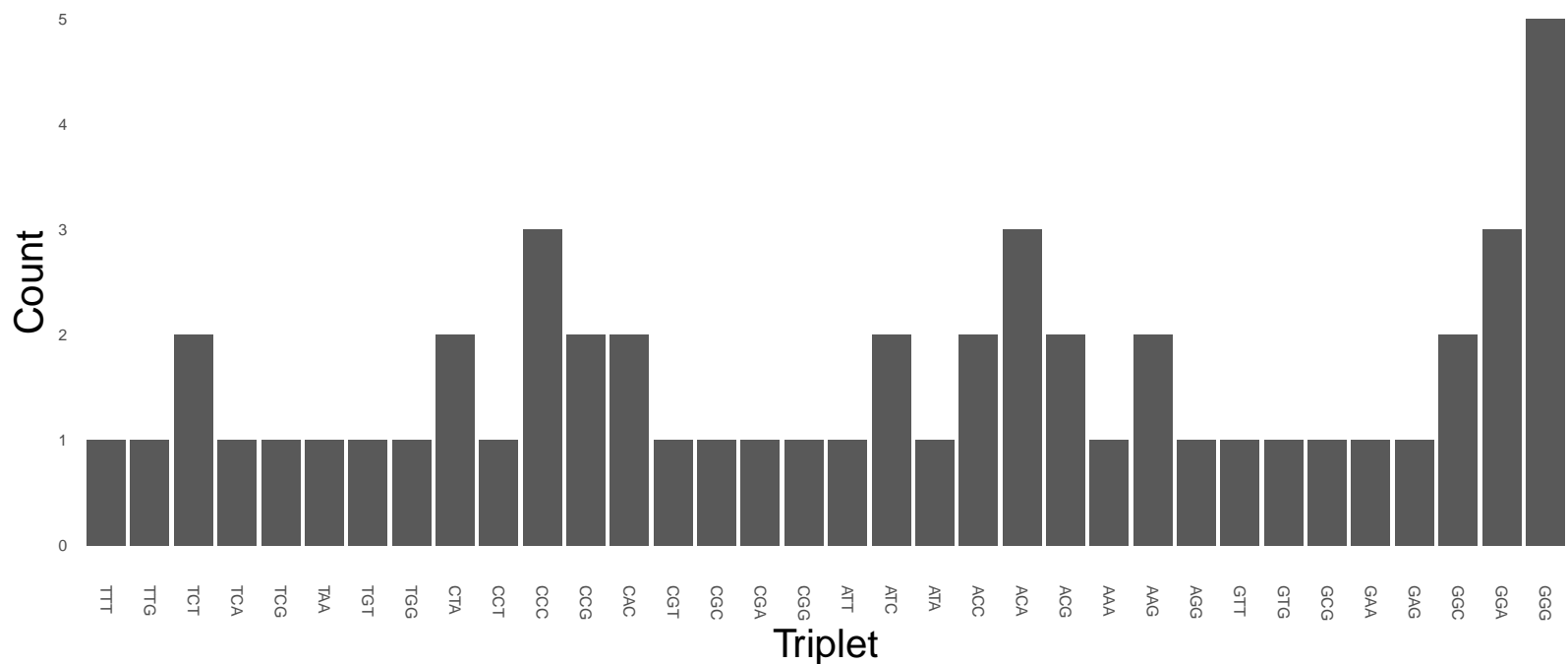
Gene TRBV7-1*ap01_T296C



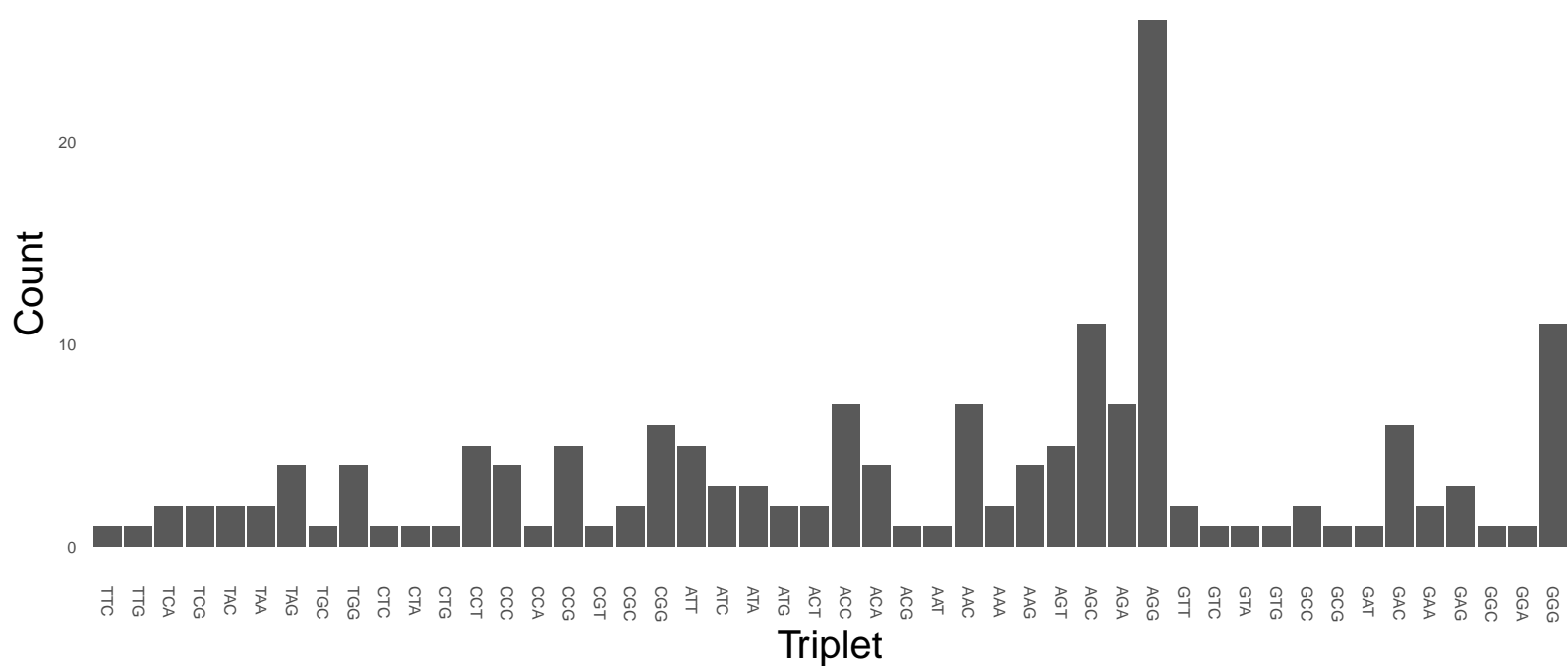
Gene TRBV7-7*ap01_C315T



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

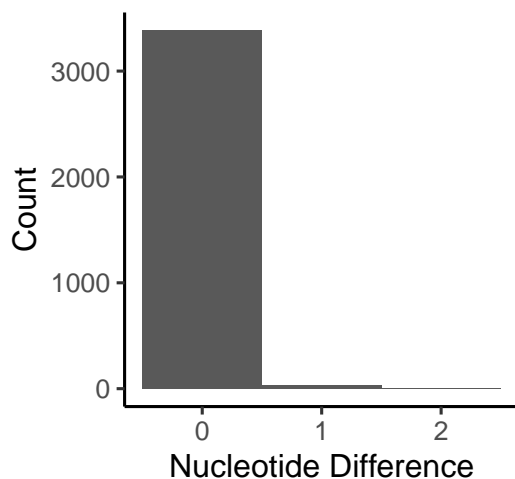


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



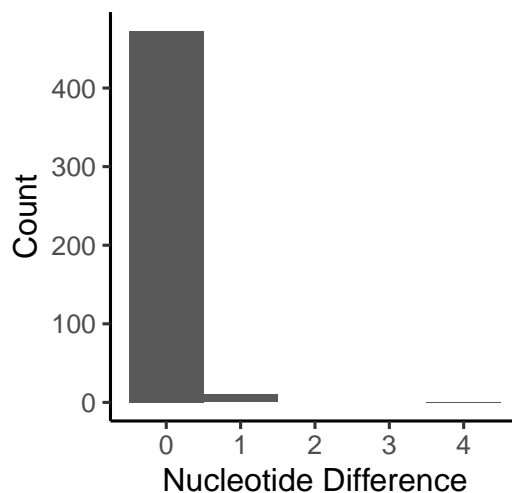
TRBV20-1*ap01

3420 sequences assigned
3384 (98.9%) exact matches, in which:
3360 unique CDR3
13 unique J



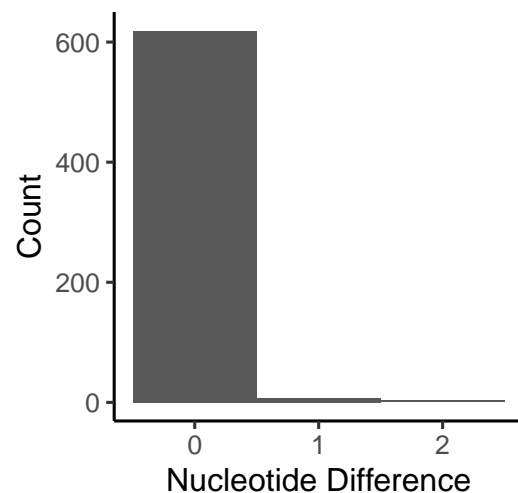
TRBV10-2*ap01

484 sequences assigned
473 (97.7%) exact matches, in which:
460 unique CDR3
13 unique J



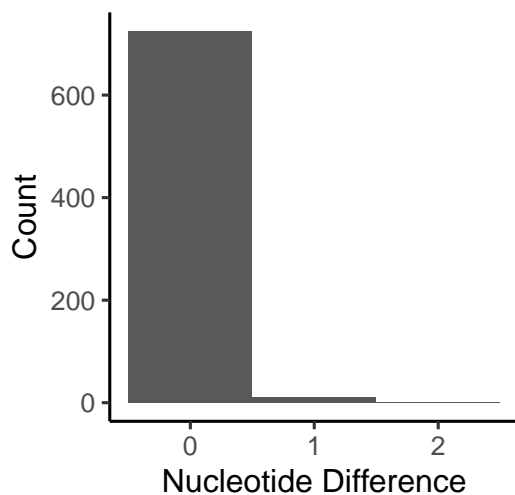
TRBV13*ap01

630 sequences assigned
619 (98.3%) exact matches, in which:
611 unique CDR3
13 unique J



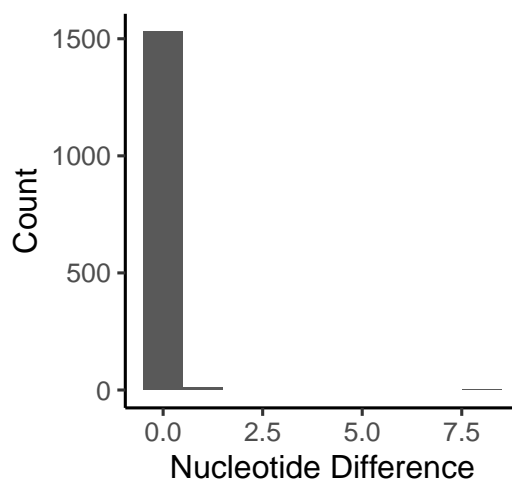
TRBV10-1*ap01

736 sequences assigned
725 (98.5%) exact matches, in which:
709 unique CDR3
13 unique J



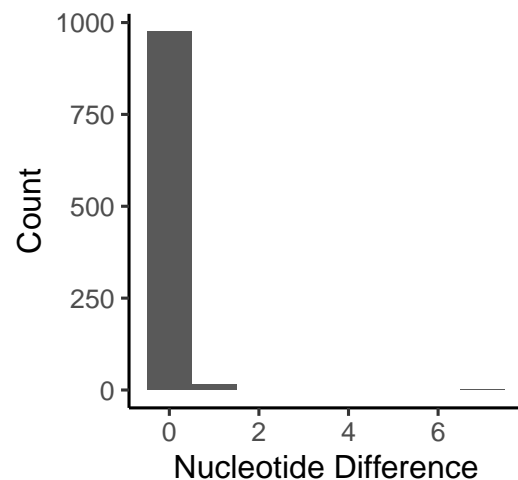
TRBV10-3*ap01

1540 sequences assigned
1530 (99.4%) exact matches, in which:
1502 unique CDR3
13 unique J



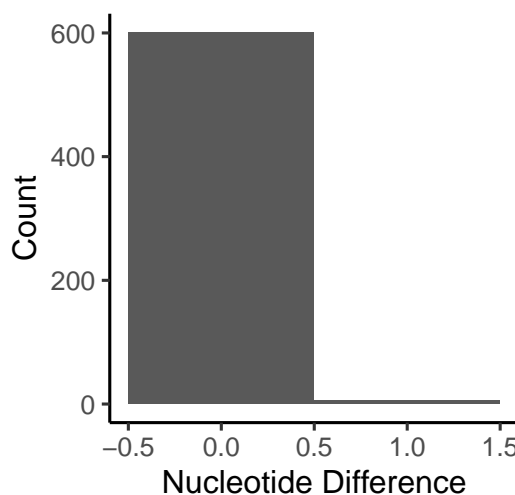
TRBV14*ap01

991 sequences assigned
975 (98.4%) exact matches, in which:
961 unique CDR3
13 unique J



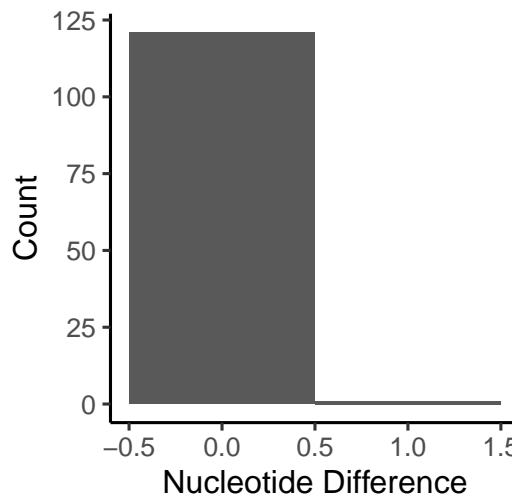
TRBV20-1*ap02

606 sequences assigned
601 (99.2%) exact matches, in which:
594 unique CDR3
13 unique J



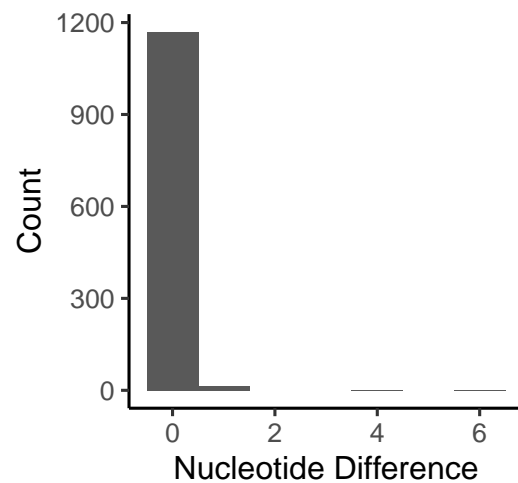
TRBV1*ap01

122 sequences assigned
121 (99.2%) exact matches, in which:
115 unique CDR3
13 unique J



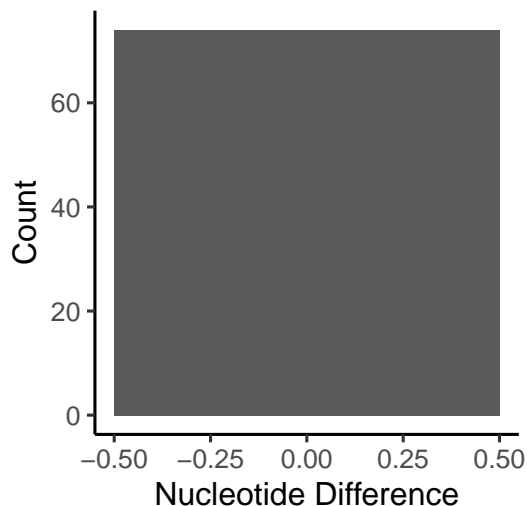
TRBV15*ap02

1185 sequences assigned
1169 (98.6%) exact matches, in which:
1154 unique CDR3
13 unique J



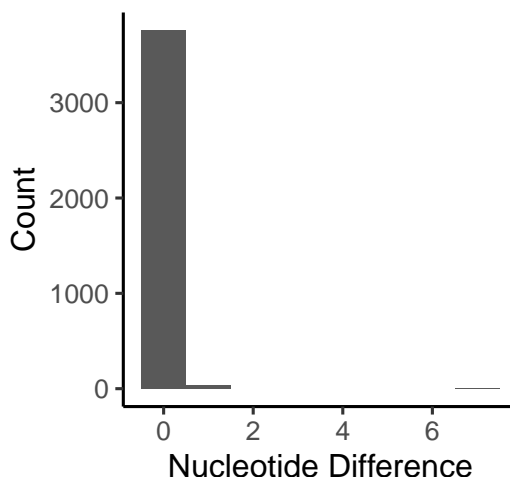
TRBV16*ap01

74 sequences assigned
74 (100%) exact matches, in which:
73 unique CDR3
10 unique J



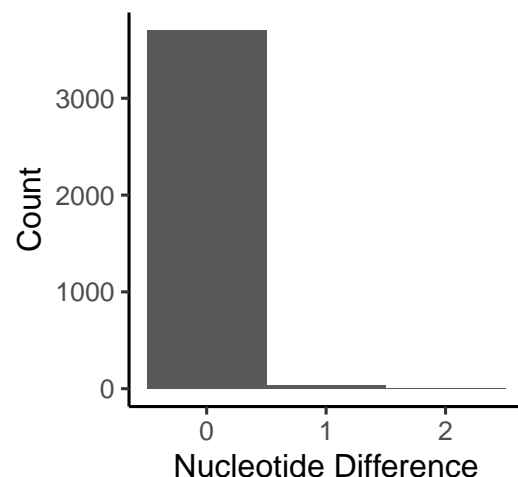
TRBV19*ap01

3799 sequences assigned
3758 (98.9%) exact matches, in which:
3742 unique CDR3
14 unique J



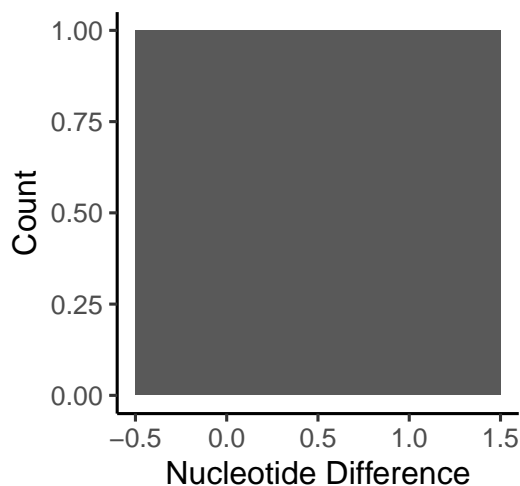
TRBV28*ap01

3742 sequences assigned
3701 (98.9%) exact matches, in which:
3667 unique CDR3
13 unique J



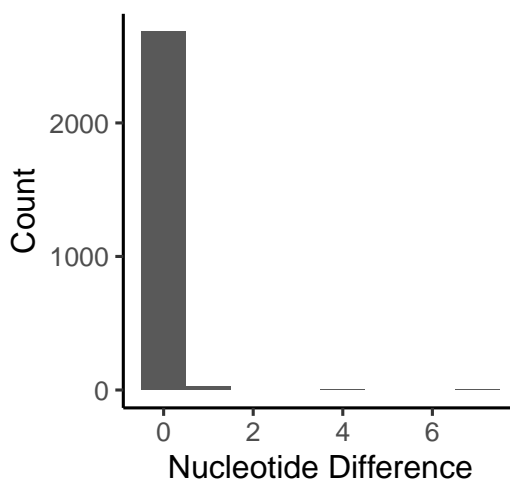
TRBV17*ap01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



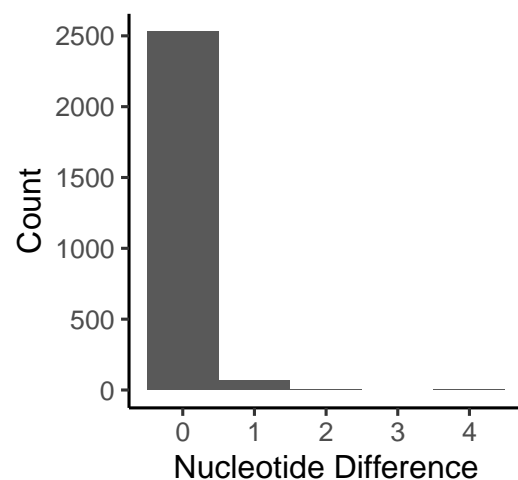
TRBV2*ap01

2709 sequences assigned
2683 (99%) exact matches, in which:
2637 unique CDR3
13 unique J



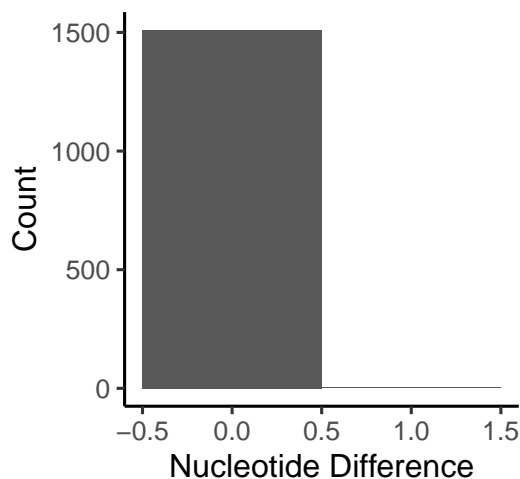
TRBV30*ap01

2599 sequences assigned
2529 (97.3%) exact matches, in which:
2457 unique CDR3
13 unique J



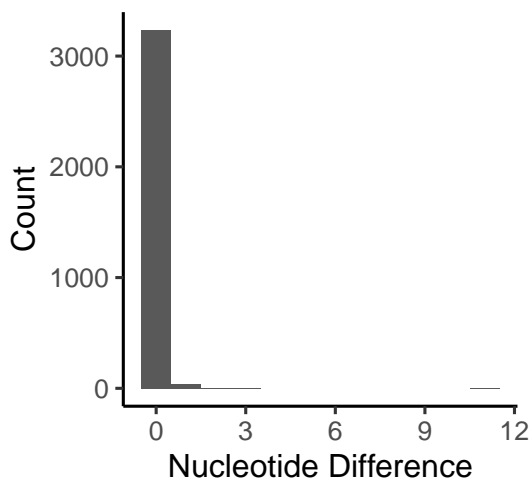
TRBV18*ap01

1514 sequences assigned
1510 (99.7%) exact matches, in which:
1504 unique CDR3
13 unique J



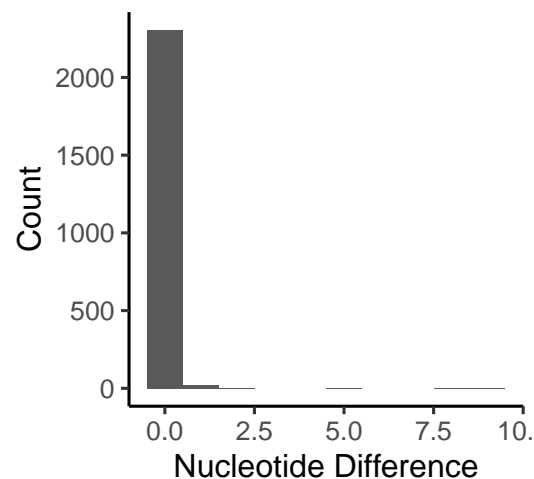
TRBV27*ap01

3279 sequences assigned
3235 (98.7%) exact matches, in which:
3186 unique CDR3
13 unique J



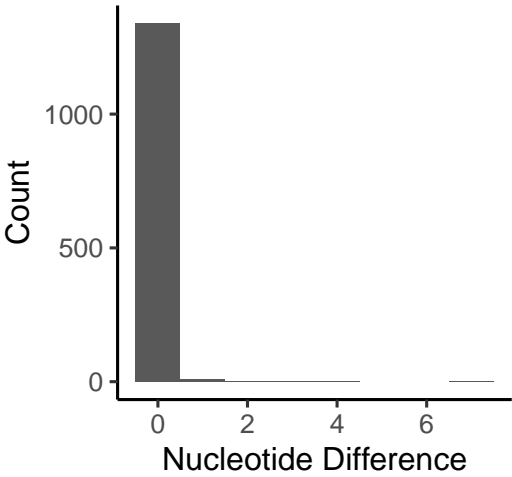
TRBV9*ap01

2331 sequences assigned
2305 (98.9%) exact matches, in which:
2292 unique CDR3
13 unique J



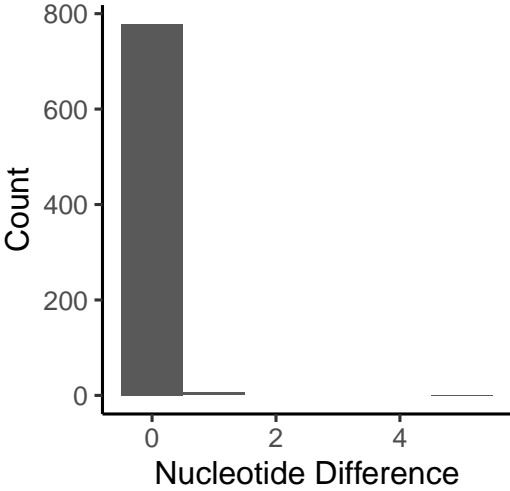
TRBV21-1*ap01

1353 sequences assigned
1339 (99%) exact matches, in which:
1327 unique CDR3
13 unique J



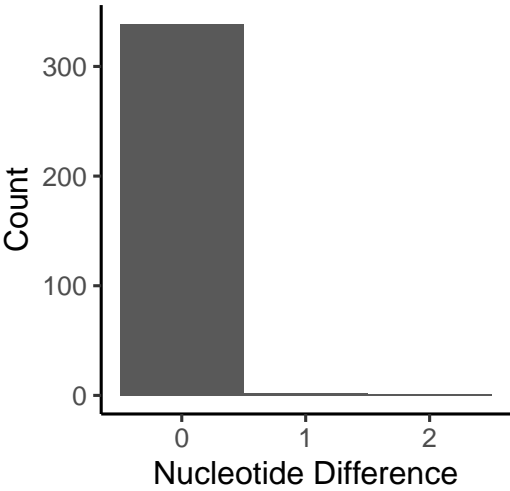
TRBV11-3*ap01

786 sequences assigned
779 (99.1%) exact matches, in which:
771 unique CDR3
13 unique J



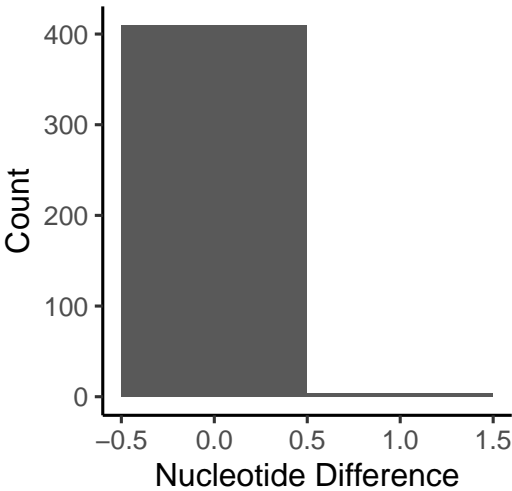
TRBV12-5*ap01

342 sequences assigned
339 (99.1%) exact matches, in which:
331 unique CDR3
13 unique J



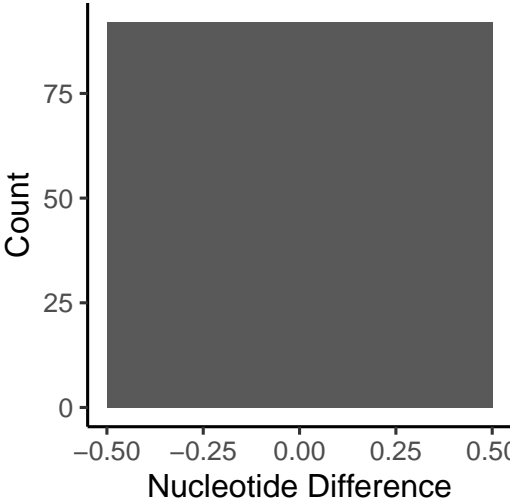
TRBV11-1*ap01

414 sequences assigned
410 (99%) exact matches, in which:
406 unique CDR3
13 unique J



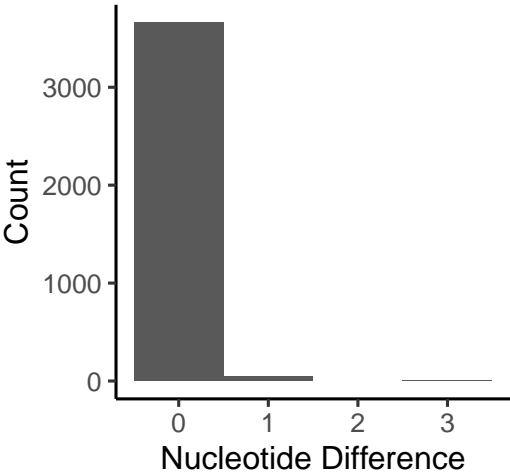
TRBV12-1*ap01

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



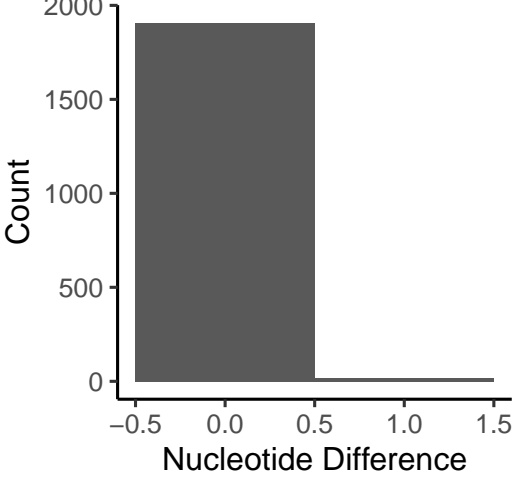
TRBV12-34*ap01

3711 sequences assigned
3659 (98.6%) exact matches, in which:
3613 unique CDR3
13 unique J



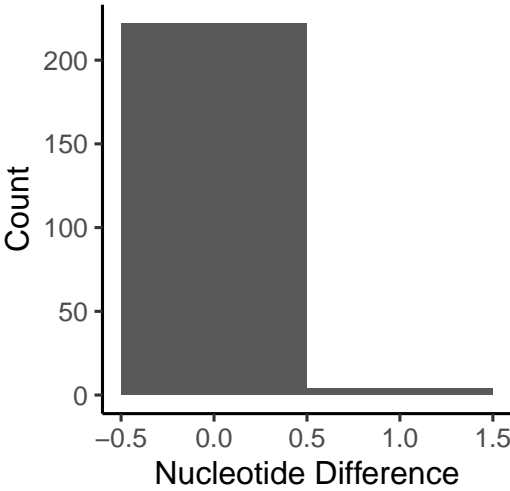
TRBV11-2*ap01

1922 sequences assigned
1906 (99.2%) exact matches, in which:
1887 unique CDR3
13 unique J



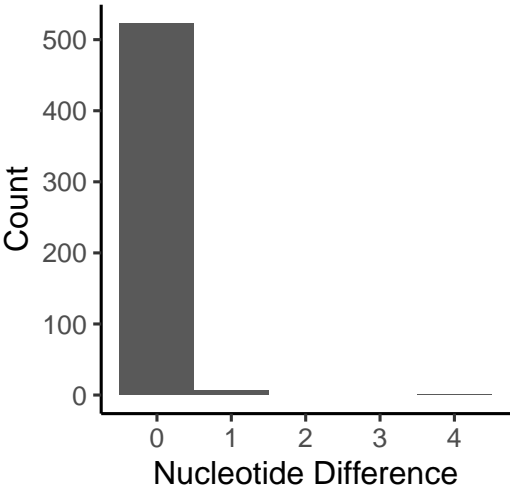
TRBV12-2*ap01

226 sequences assigned
222 (98.2%) exact matches, in which:
215 unique CDR3
13 unique J



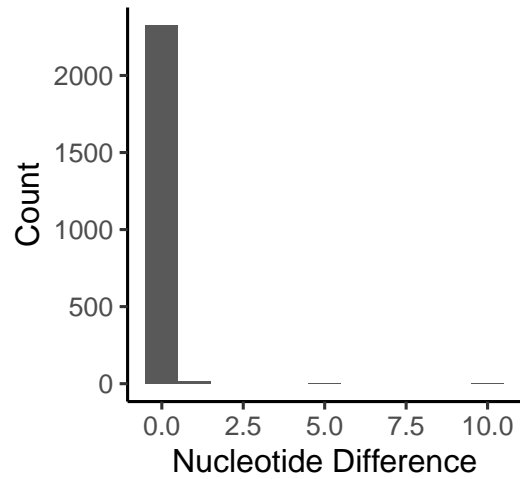
TRBV23-1*ap01

530 sequences assigned
523 (98.7%) exact matches, in which:
520 unique CDR3
13 unique J



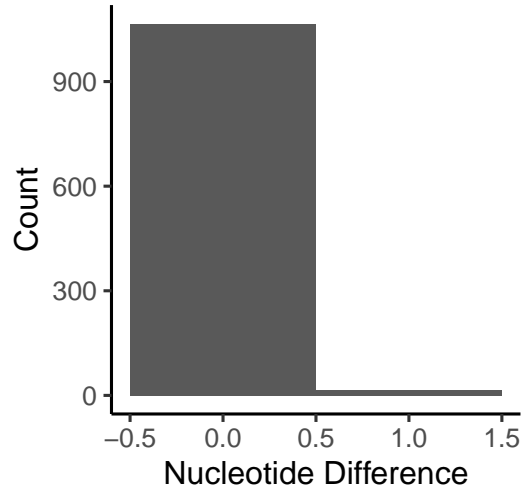
TRBV3-12*ap01

2346 sequences assigned
2325 (99.1%) exact matches, in which:
2311 unique CDR3
13 unique J



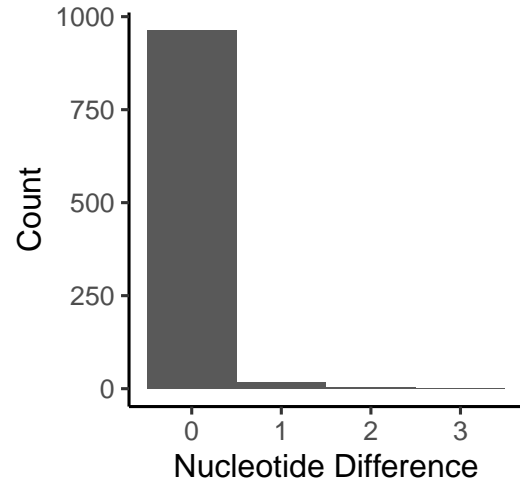
TRBV4-2*ap01

1081 sequences assigned
1066 (98.6%) exact matches, in which:
1053 unique CDR3
13 unique J



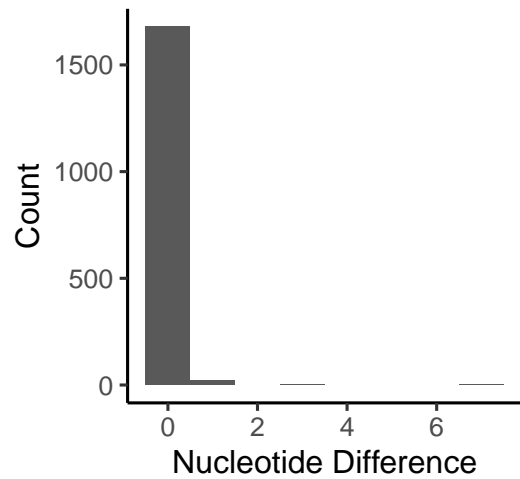
TRBV25-1*ap01

986 sequences assigned
963 (97.7%) exact matches, in which:
939 unique CDR3
13 unique J



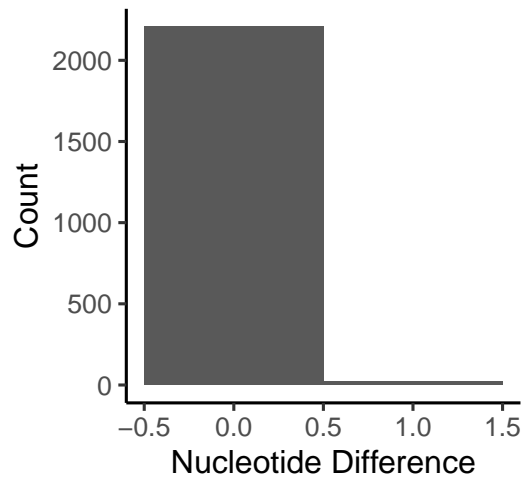
TRBV24-1*ap01

1703 sequences assigned
1679 (98.6%) exact matches, in which:
1648 unique CDR3
13 unique J



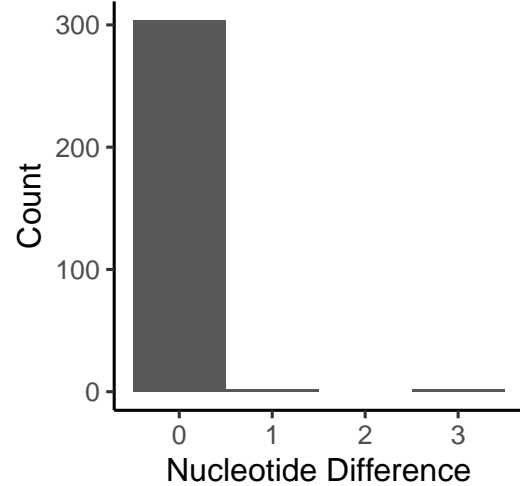
TRBV4-3*ap01

2228 sequences assigned
2207 (99.1%) exact matches, in which:
2180 unique CDR3
13 unique J



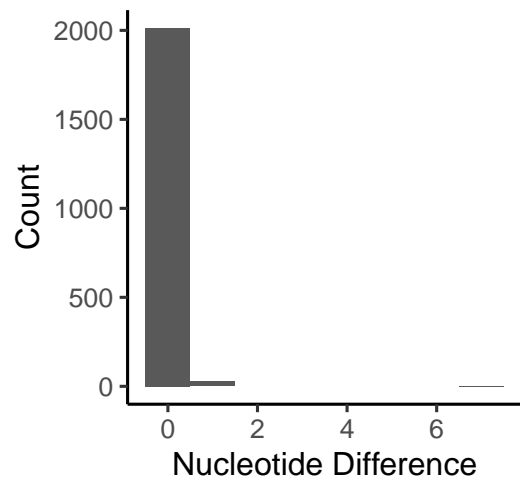
TRBV5-3*ap01

308 sequences assigned
304 (98.7%) exact matches, in which:
300 unique CDR3
13 unique J



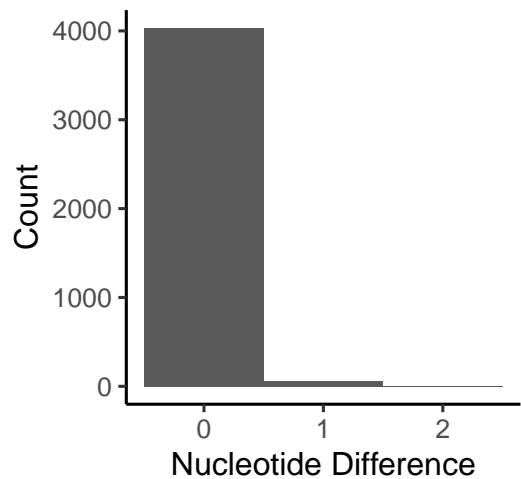
TRBV4-1*ap01

2043 sequences assigned
2013 (98.5%) exact matches, in which:
1981 unique CDR3
13 unique J



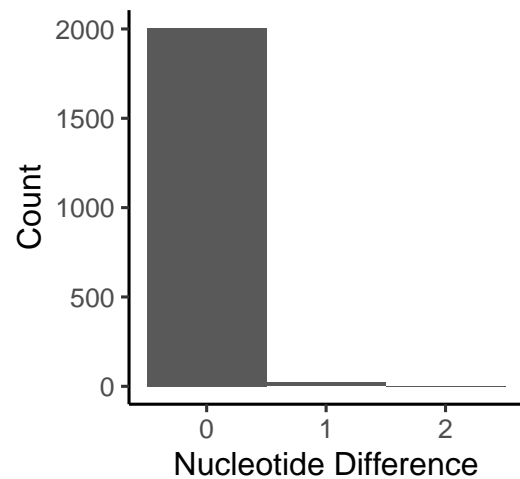
TRBV5-1*ap01

4100 sequences assigned
4032 (98.3%) exact matches, in which:
3950 unique CDR3
13 unique J



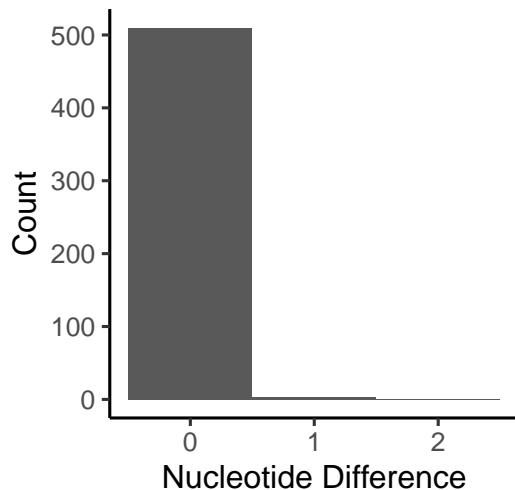
TRBV5-4*ap01

2028 sequences assigned
2005 (98.9%) exact matches, in which:
1975 unique CDR3
13 unique J



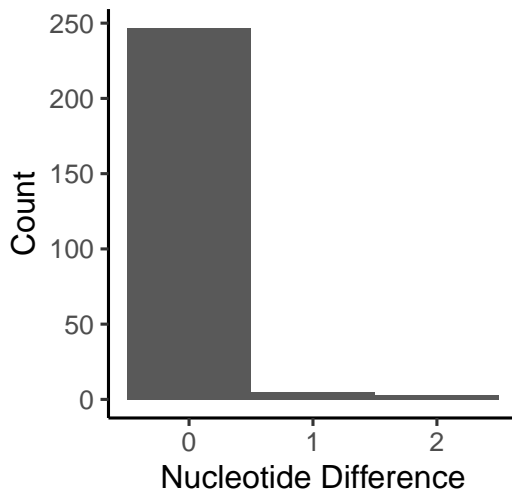
TRBV5–5*ap01

514 sequences assigned
510 (99.2%) exact matches, in which:
510 unique CDR3
13 unique J



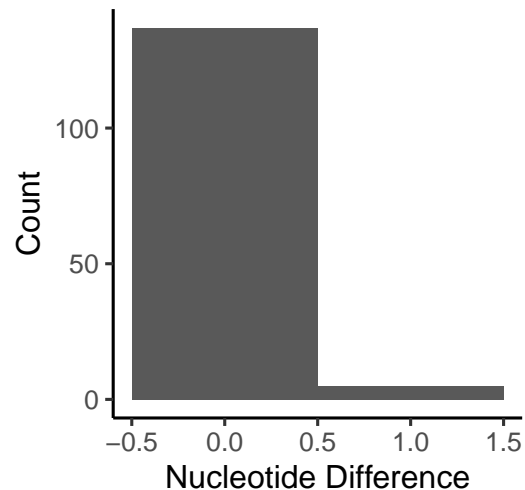
TRBV5–8*ap01

255 sequences assigned
247 (96.9%) exact matches, in which:
244 unique CDR3
13 unique J



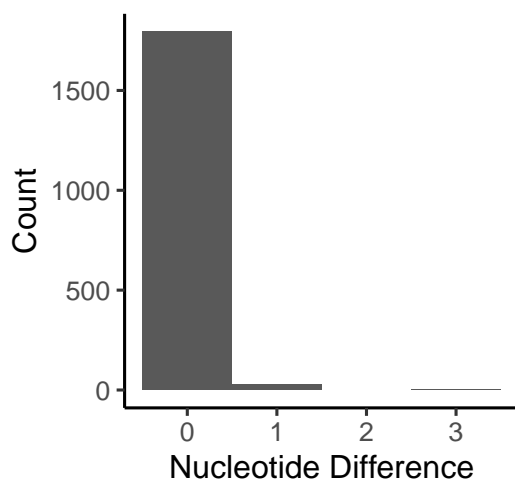
TRBV6–7*ap01

142 sequences assigned
137 (96.5%) exact matches, in which:
133 unique CDR3
12 unique J



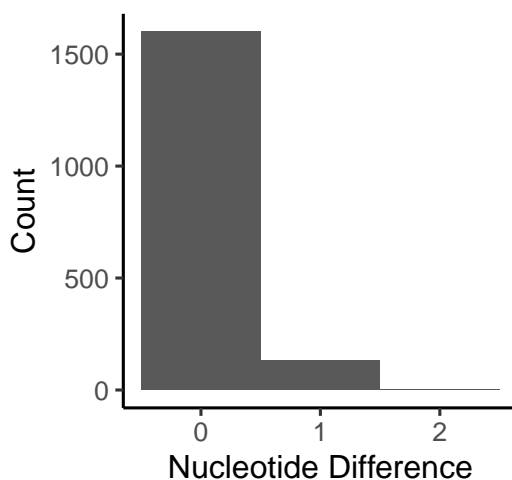
TRBV5–6*ap01

1823 sequences assigned
1794 (98.4%) exact matches, in which:
1754 unique CDR3
13 unique J



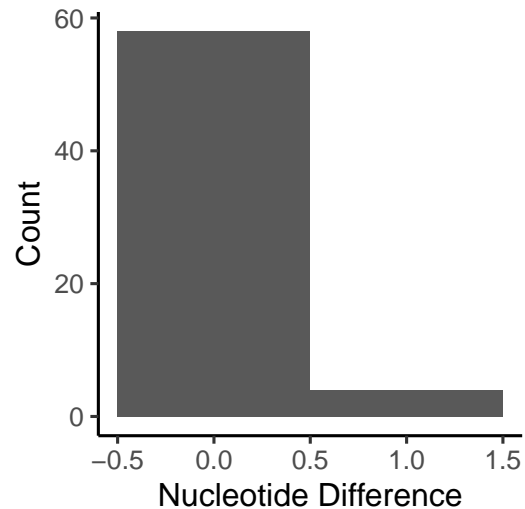
TRBV6–1*ap01

1736 sequences assigned
1600 (92.2%) exact matches, in which:
1556 unique CDR3
13 unique J



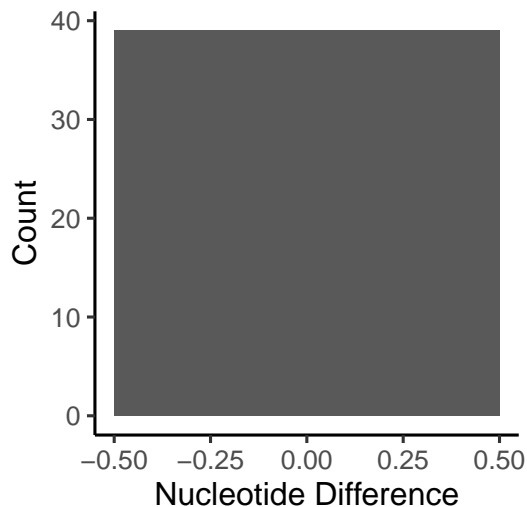
TRBV6–8*ap01

62 sequences assigned
58 (93.5%) exact matches, in which:
57 unique CDR3
11 unique J



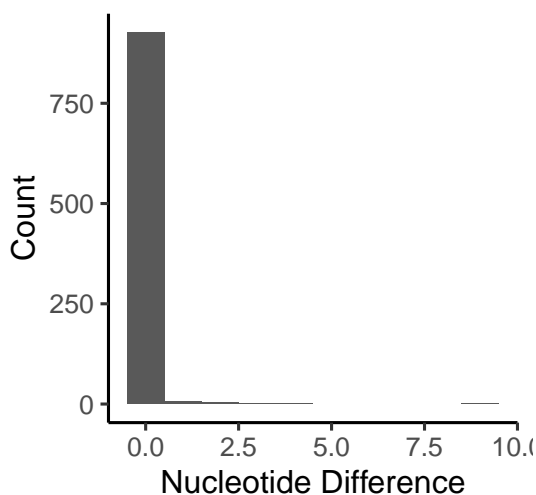
TRBV5–7*ap01

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



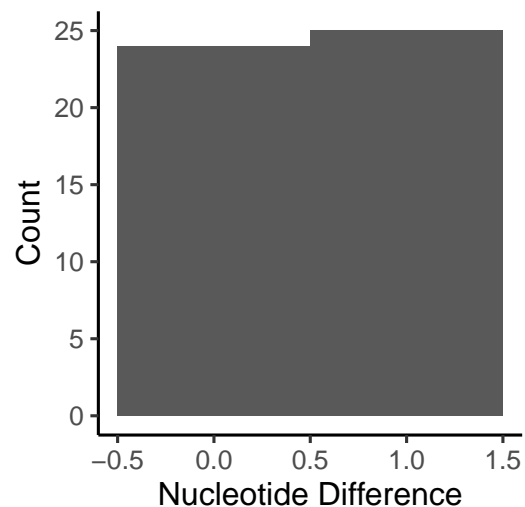
TRBV6–4*ap01

940 sequences assigned
927 (98.6%) exact matches, in which:
918 unique CDR3
13 unique J



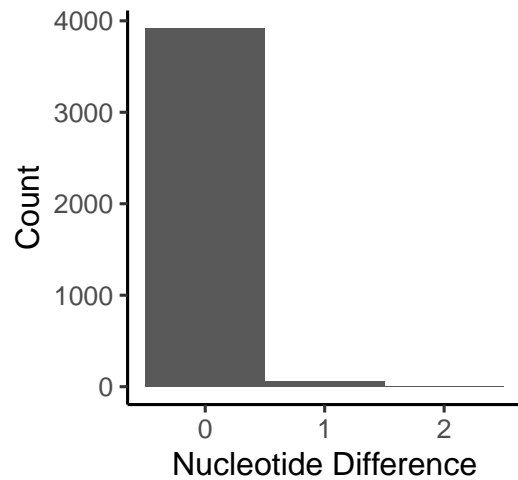
TRBV6–9*ap01

49 sequences assigned
24 (49%) exact matches, in which:
23 unique CDR3
8 unique J



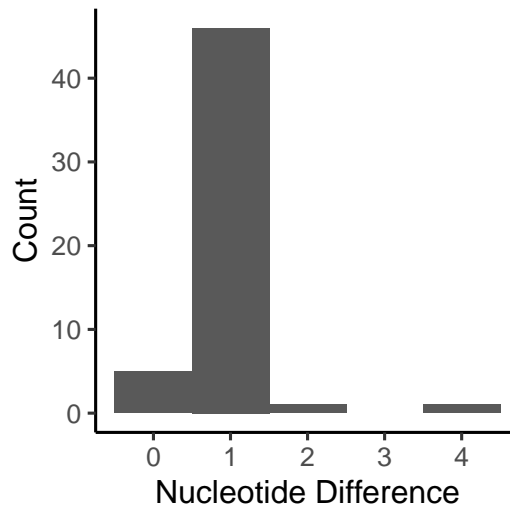
TRBV6-23*ap01

3978 sequences assigned
3917 (98.5%) exact matches, in which:
3828 unique CDR3
13 unique J



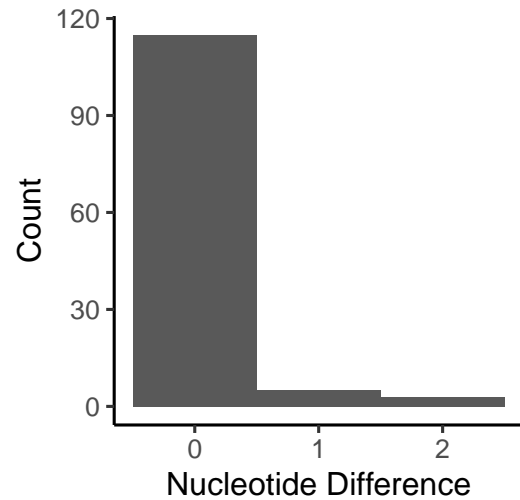
TRBV7-1*ap01_T296C

53 sequences assigned
5 (9.4%) exact matches, in which:
5 unique CDR3
5 unique J



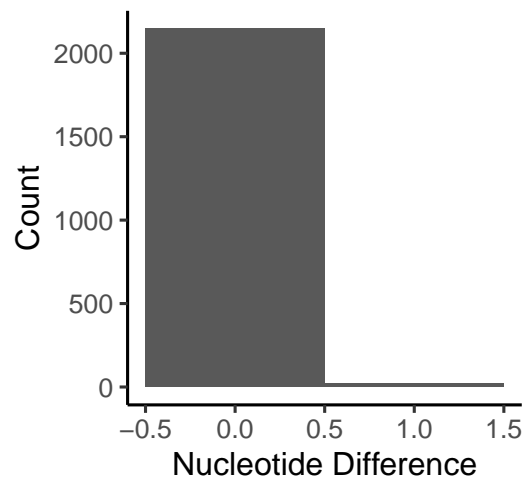
TRBV7-4*ap01

123 sequences assigned
115 (93.5%) exact matches, in which:
110 unique CDR3
12 unique J



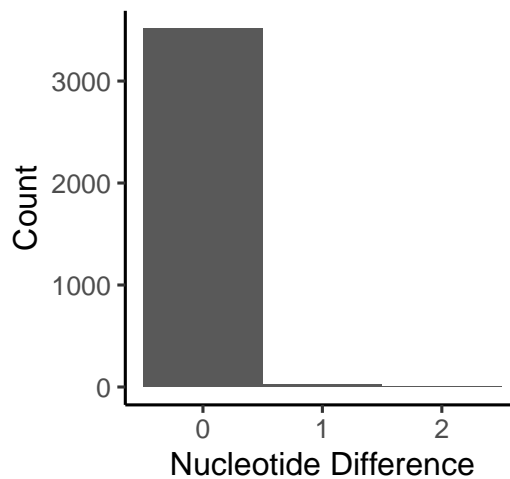
TRBV6-56*ap01

2169 sequences assigned
2147 (99%) exact matches, in which:
2093 unique CDR3
13 unique J



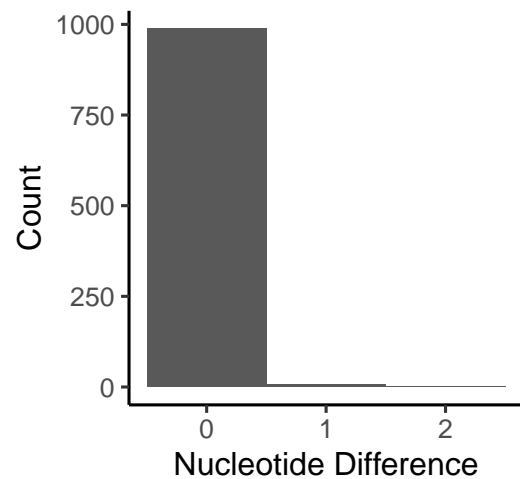
TRBV7-2*ap01

3541 sequences assigned
3513 (99.2%) exact matches, in which:
3470 unique CDR3
13 unique J



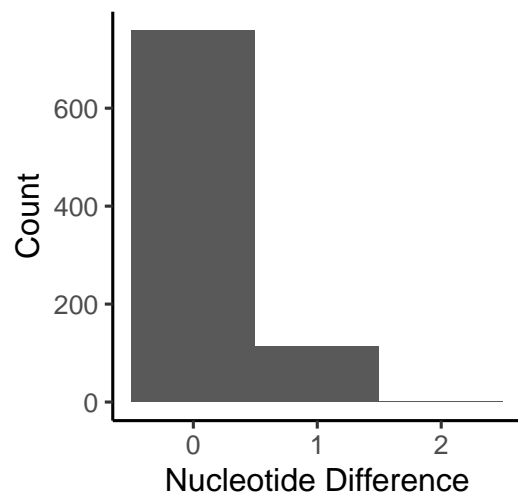
TRBV7-6*ap01

997 sequences assigned
988 (99.1%) exact matches, in which:
973 unique CDR3
13 unique J



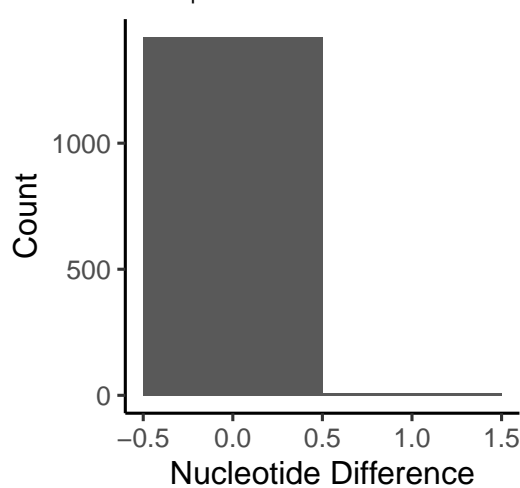
TRBV6-56*ap02

874 sequences assigned
759 (86.8%) exact matches, in which:
747 unique CDR3
13 unique J



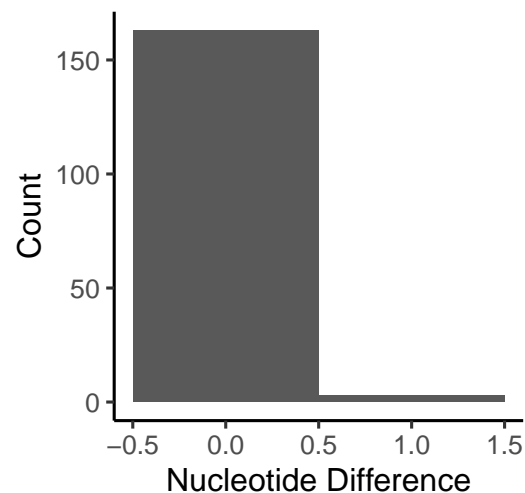
TRBV7-3*ap01

1430 sequences assigned
1421 (99.4%) exact matches, in which:
1410 unique CDR3
13 unique J



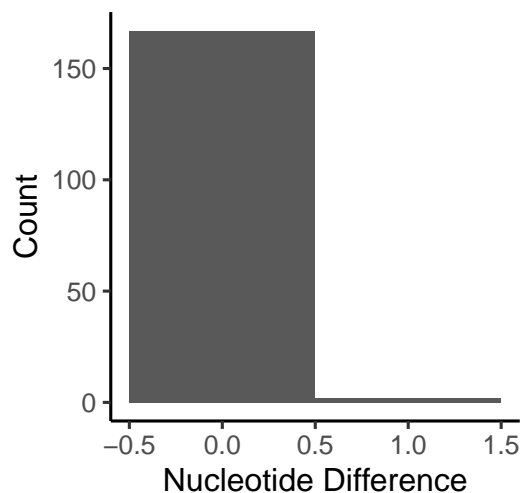
TRBV7-7*ap01

166 sequences assigned
163 (98.2%) exact matches, in which:
162 unique CDR3
13 unique J



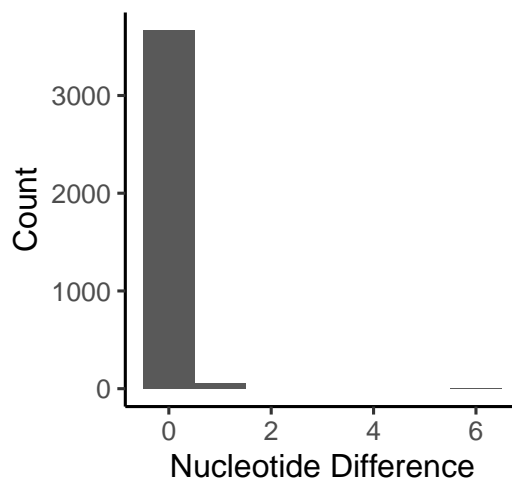
TRBV7-7*ap01_C315T

169 sequences assigned
167 (98.8%) exact matches, in which:
166 unique CDR3
11 unique J



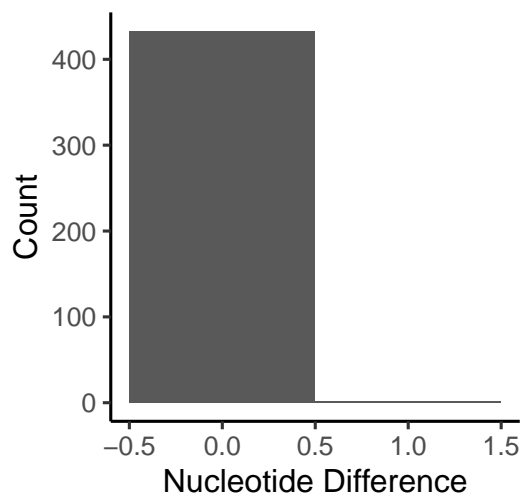
TRBV7-9*ap01

3719 sequences assigned
3666 (98.6%) exact matches, in which:
3622 unique CDR3
13 unique J



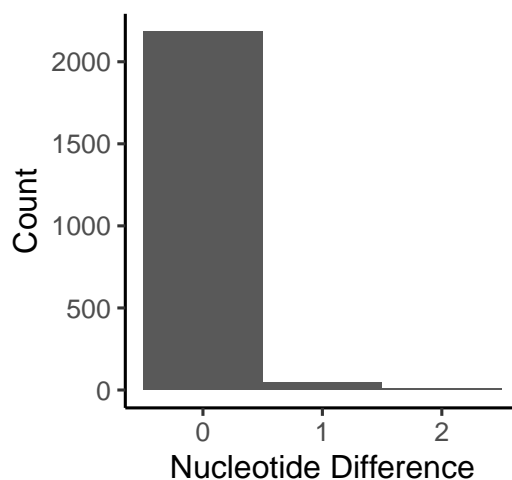
TRBV7-8*ap01

435 sequences assigned
433 (99.5%) exact matches, in which:
425 unique CDR3
13 unique J



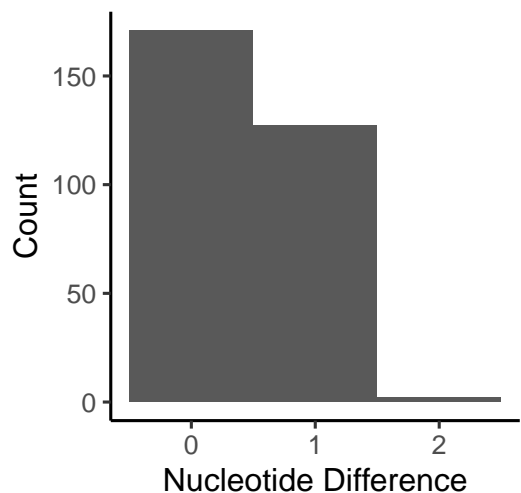
TRBV29-1*ap01

2234 sequences assigned
2183 (97.7%) exact matches, in which:
2125 unique CDR3
13 unique J



TRBV7-8*ap03

300 sequences assigned
171 (57%) exact matches, in which:
168 unique CDR3
12 unique J



TRBV29-1*ap02

426 sequences assigned
411 (96.5%) exact matches, in which:
396 unique CDR3
13 unique J

