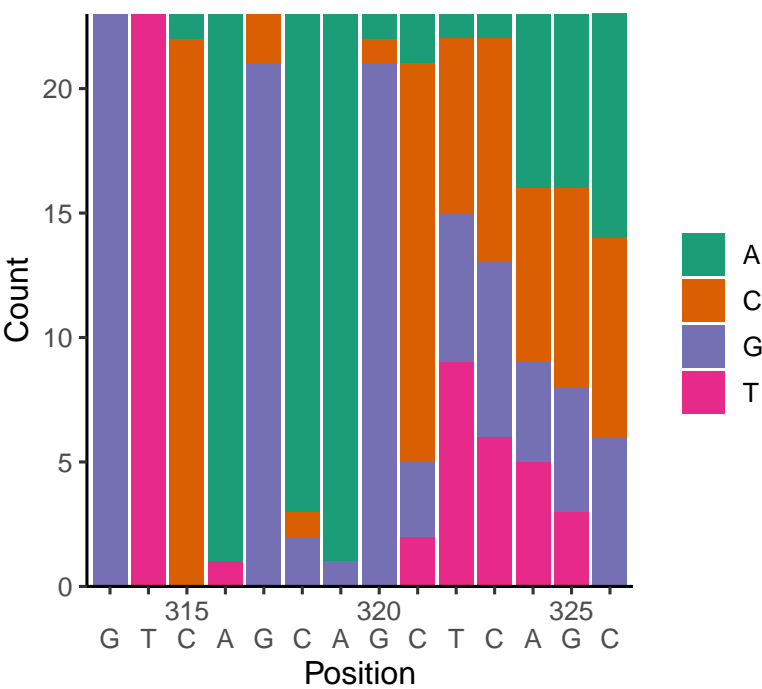
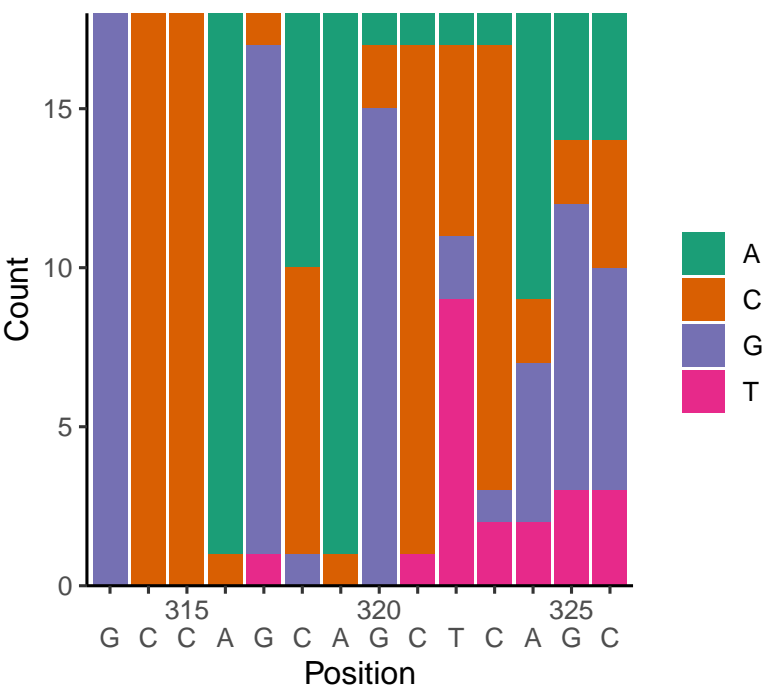


Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-1*ap01_T296C



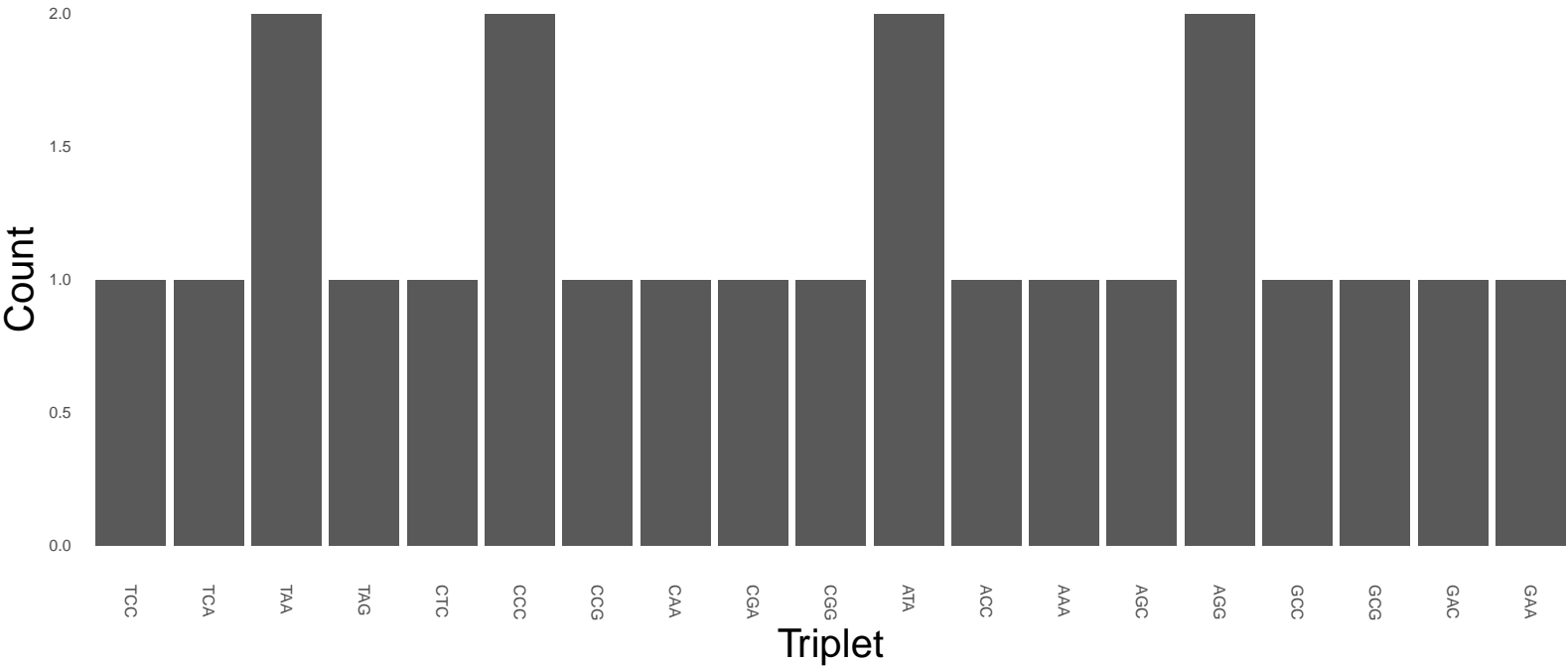
Gene TRBV7-1*ap01_T296C_C314T



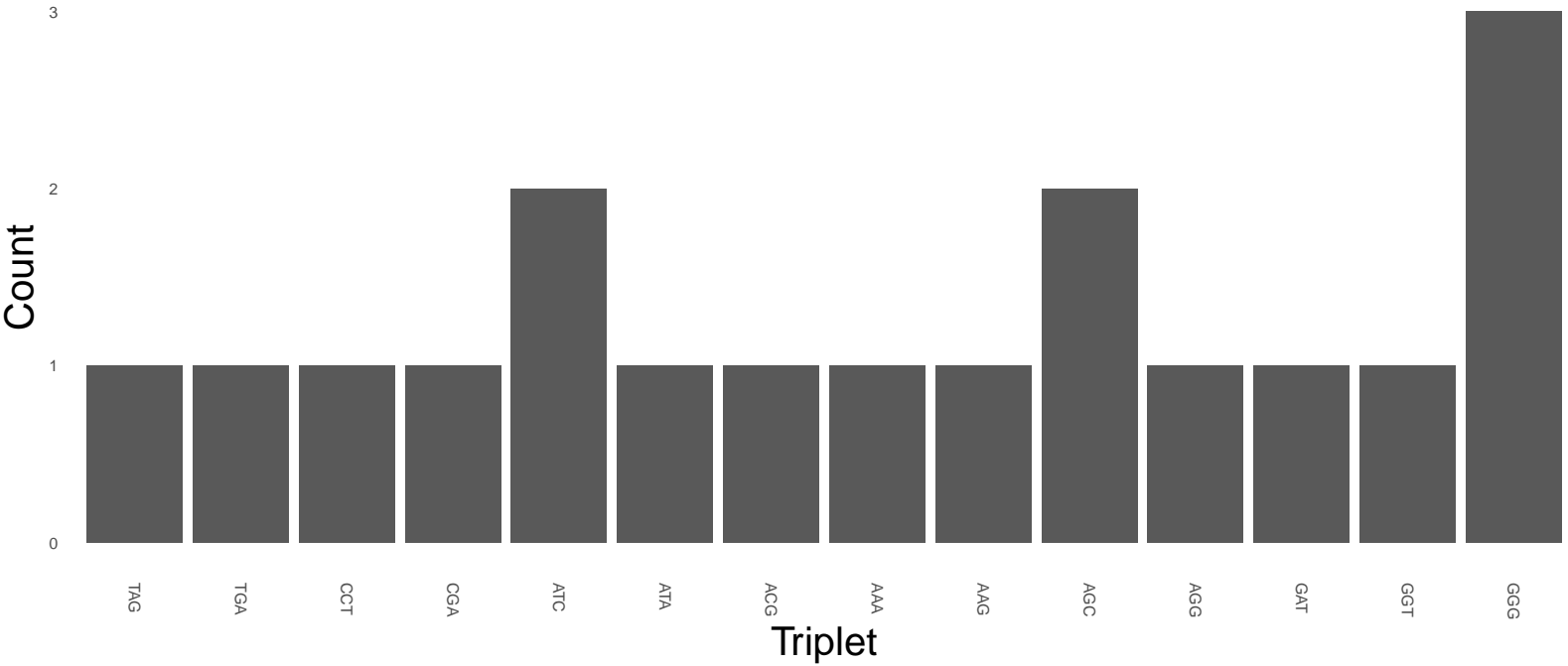
Gene TRBV7-1*ap01_T296C



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

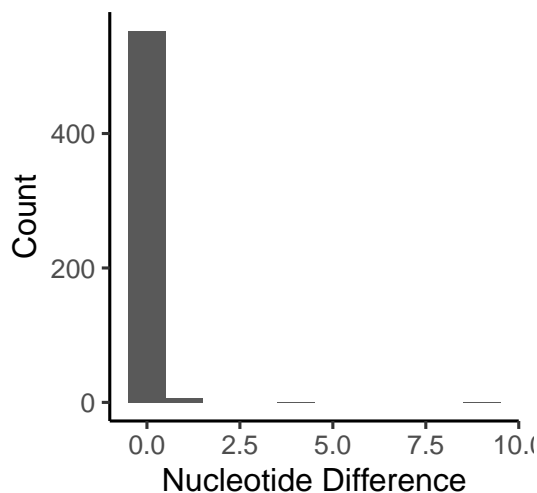


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



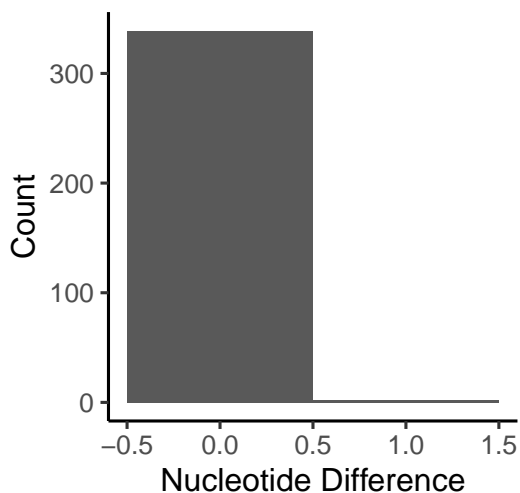
TRBV10–1*ap01

561 sequences assigned
553 (98.6%) exact matches, in which:
537 unique CDR3
13 unique J



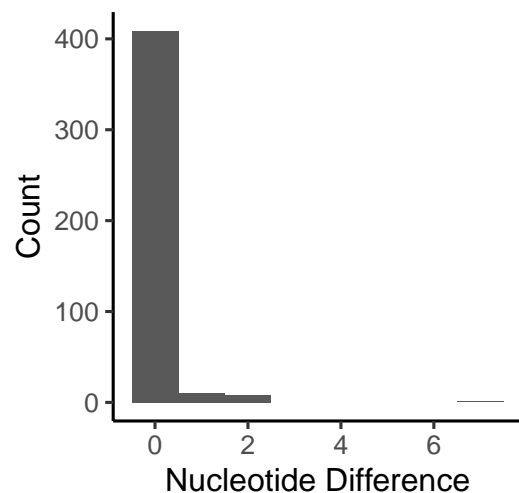
TRBV10–2*ap01

341 sequences assigned
339 (99.4%) exact matches, in which:
333 unique CDR3
13 unique J



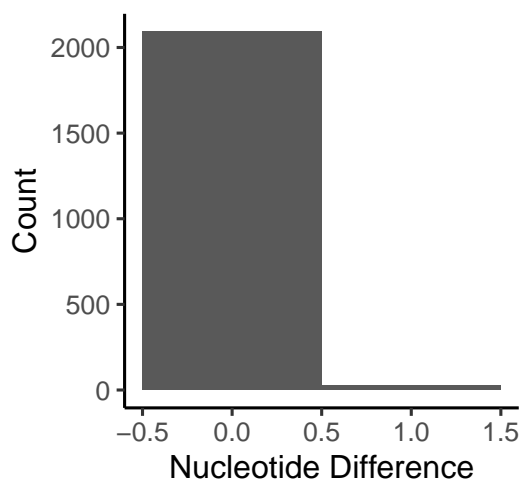
TRBV13*ap01

428 sequences assigned
409 (95.6%) exact matches, in which:
400 unique CDR3
13 unique J



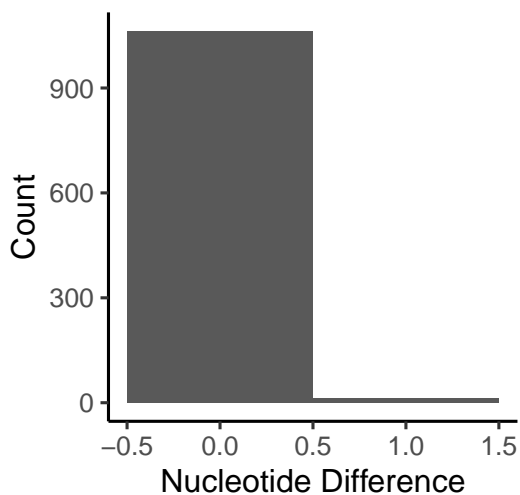
TRBV20–1*ap01

2121 sequences assigned
2092 (98.6%) exact matches, in which:
2050 unique CDR3
13 unique J



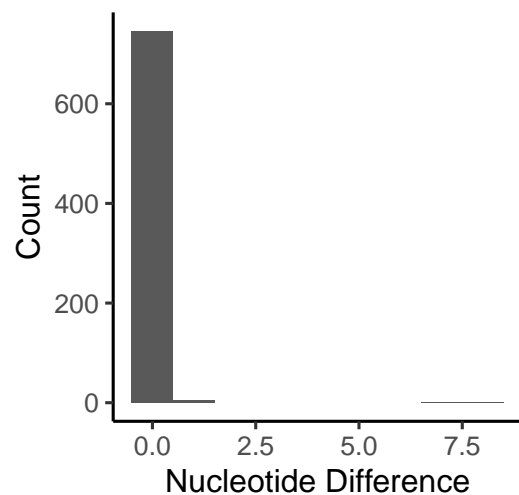
TRBV10–3*ap01

1077 sequences assigned
1063 (98.7%) exact matches, in which:
1042 unique CDR3
13 unique J



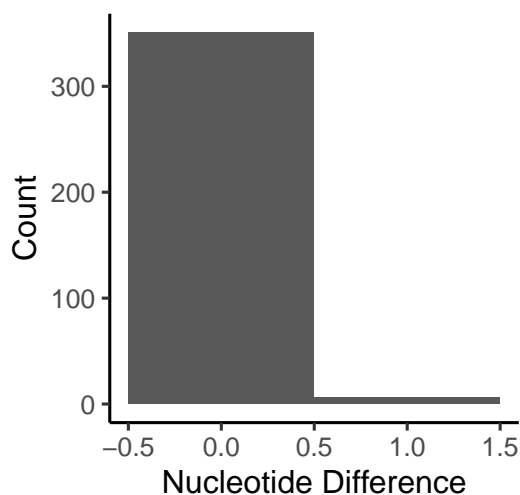
TRBV14*ap01

754 sequences assigned
746 (98.9%) exact matches, in which:
730 unique CDR3
13 unique J



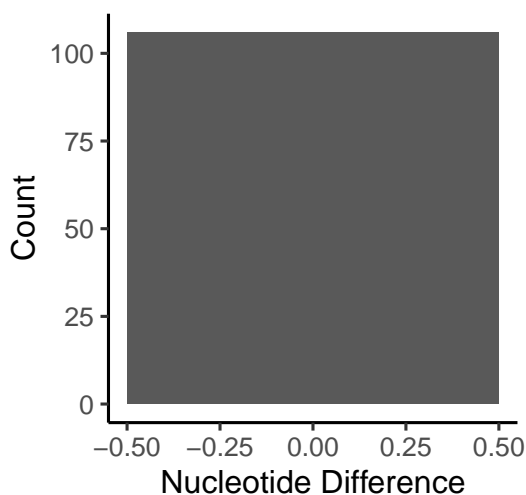
TRBV20–1*ap02

357 sequences assigned
351 (98.3%) exact matches, in which:
344 unique CDR3
13 unique J



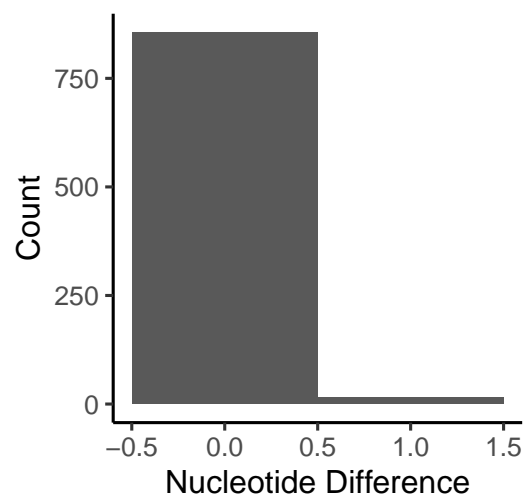
TRBV1*ap01

106 sequences assigned
106 (100%) exact matches, in which:
104 unique CDR3
12 unique J



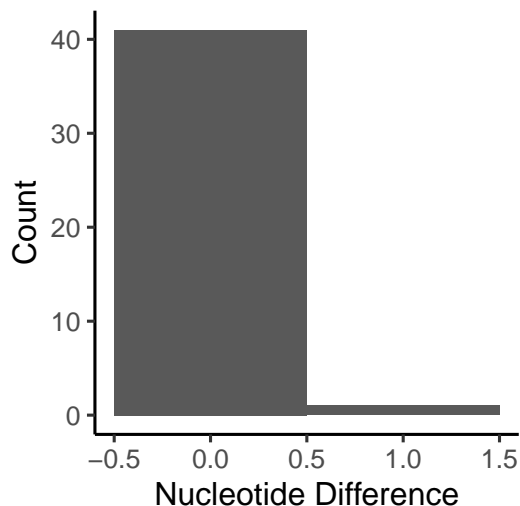
TRBV15*ap02

871 sequences assigned
856 (98.3%) exact matches, in which:
842 unique CDR3
13 unique J



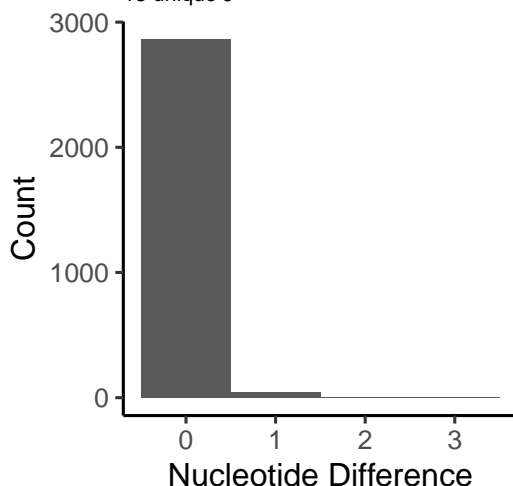
TRBV16*ap01

42 sequences assigned
41 (97.6%) exact matches, in which:
41 unique CDR3
11 unique J



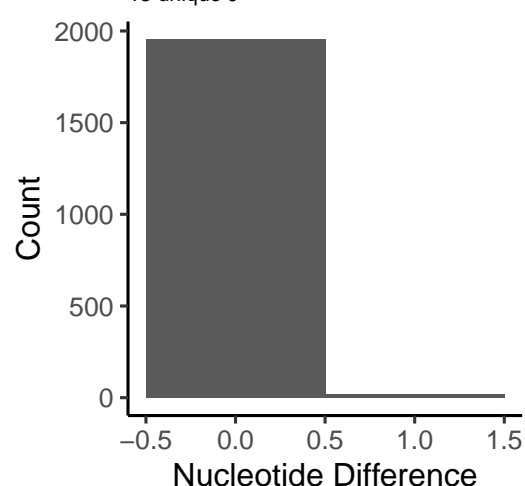
TRBV19*ap01

2911 sequences assigned
2862 (98.3%) exact matches, in which:
2813 unique CDR3
13 unique J



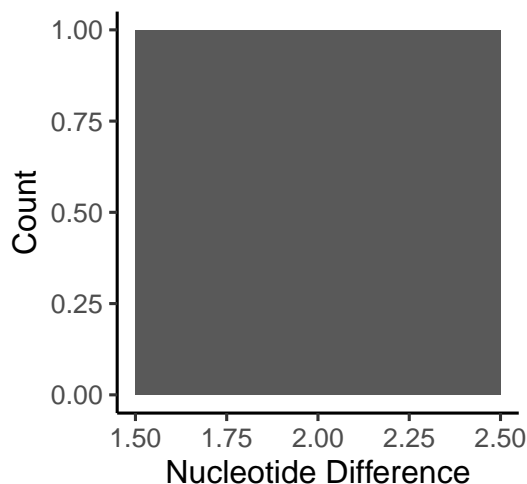
TRBV28*ap01

1971 sequences assigned
1954 (99.1%) exact matches, in which:
1915 unique CDR3
13 unique J



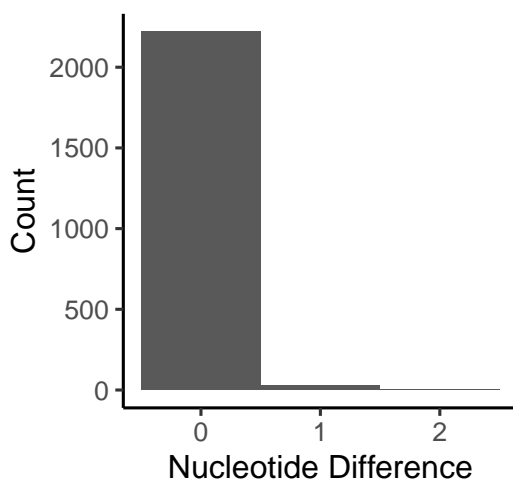
TRBV17*ap01

1 sequences assigned
No exact matches.



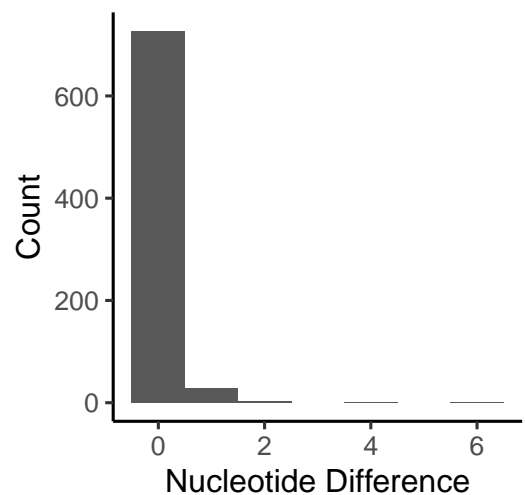
TRBV2*ap01

2249 sequences assigned
2220 (98.7%) exact matches, in which:
2179 unique CDR3
13 unique J



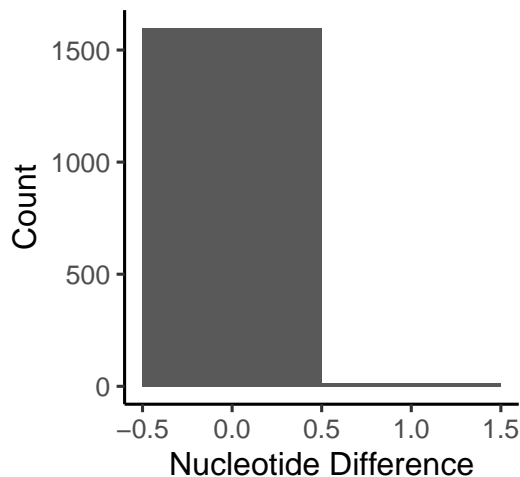
TRBV30*ap02

760 sequences assigned
727 (95.7%) exact matches, in which:
722 unique CDR3
13 unique J



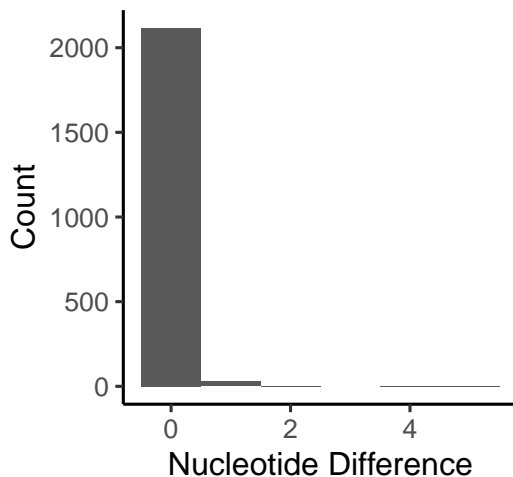
TRBV18*ap01

1613 sequences assigned
1598 (99.1%) exact matches, in which:
1566 unique CDR3
13 unique J



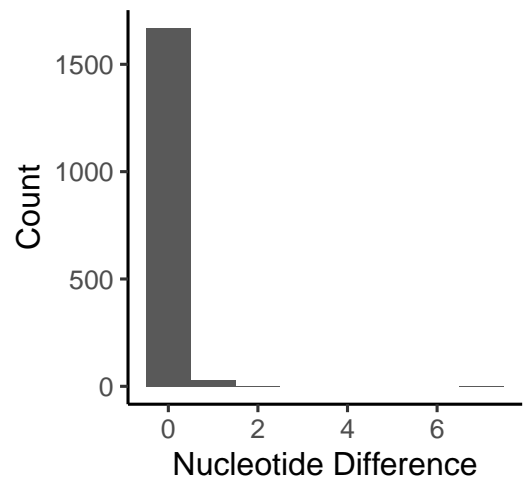
TRBV27*ap01

2148 sequences assigned
2116 (98.5%) exact matches, in which:
2072 unique CDR3
13 unique J



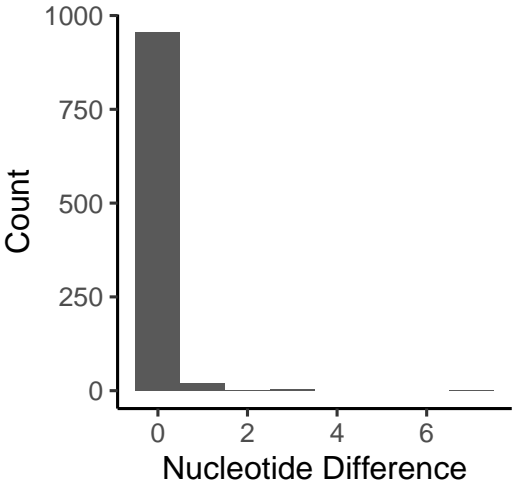
TRBV9*ap01

1701 sequences assigned
1669 (98.1%) exact matches, in which:
1636 unique CDR3
13 unique J



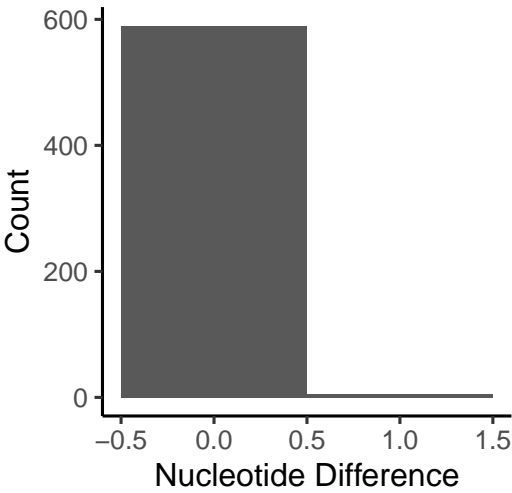
TRBV21-1*ap01

980 sequences assigned
955 (97.4%) exact matches, in which:
937 unique CDR3
13 unique J



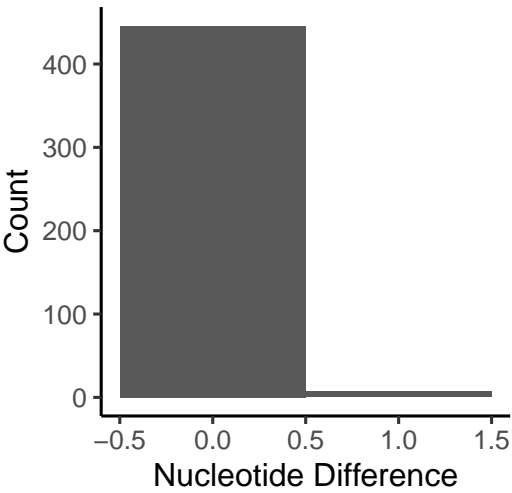
TRBV11-3*ap01

596 sequences assigned
590 (99%) exact matches, in which:
581 unique CDR3
13 unique J



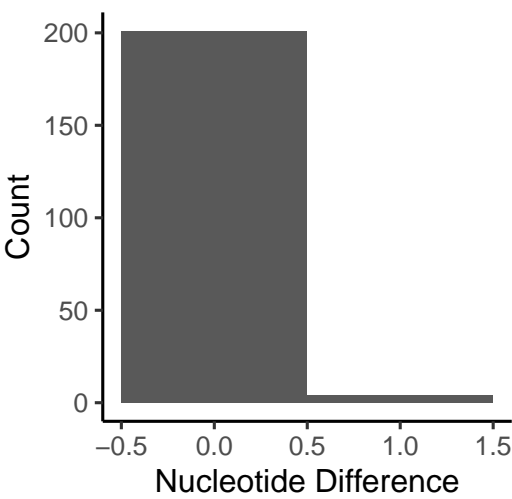
TRBV12-5*ap01

453 sequences assigned
446 (98.5%) exact matches, in which:
435 unique CDR3
13 unique J



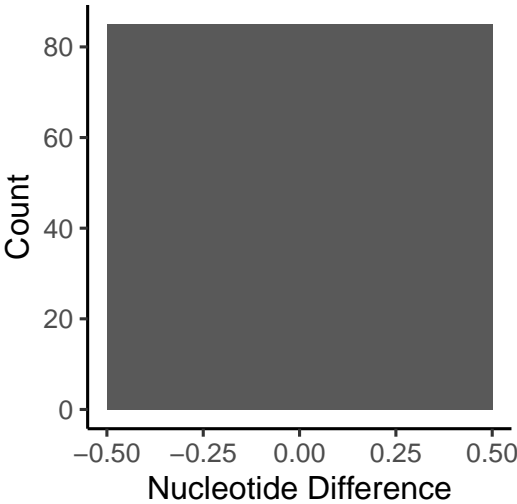
TRBV11-1*ap01

205 sequences assigned
201 (98%) exact matches, in which:
197 unique CDR3
13 unique J



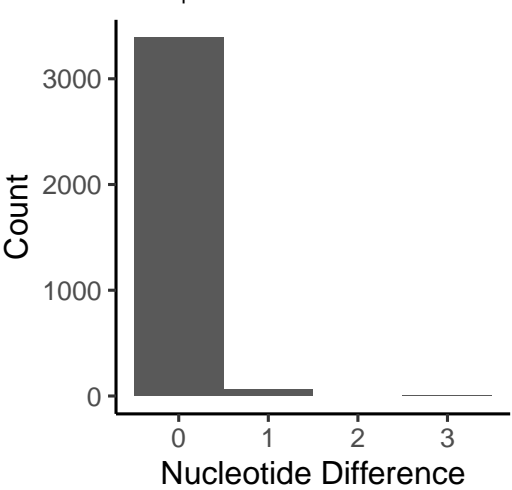
TRBV12-1*ap01

85 sequences assigned
85 (100%) exact matches, in which:
81 unique CDR3
13 unique J



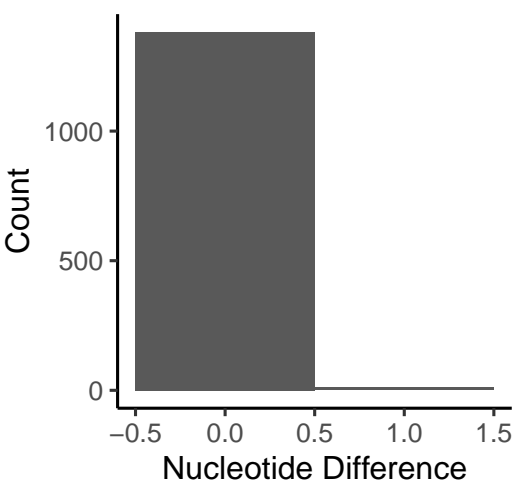
TRBV12-34*ap01

3447 sequences assigned
3388 (98.3%) exact matches, in which:
3311 unique CDR3
13 unique J



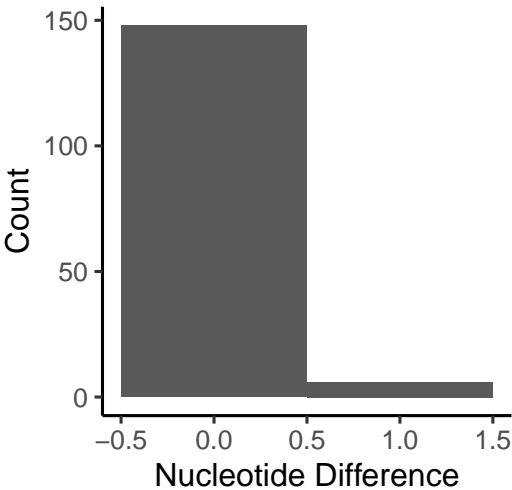
TRBV11-2*ap01

1393 sequences assigned
1382 (99.2%) exact matches, in which:
1358 unique CDR3
13 unique J



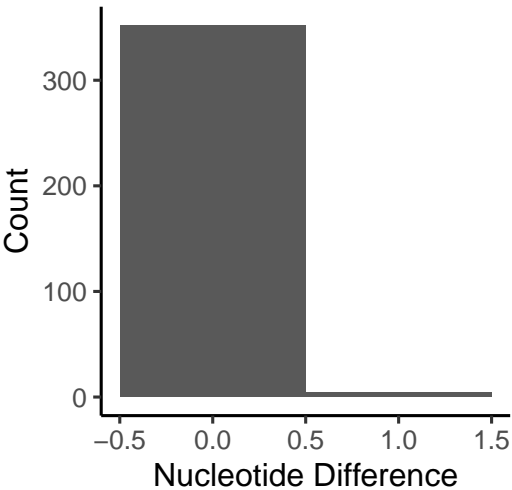
TRBV12-2*ap01

154 sequences assigned
148 (96.1%) exact matches, in which:
143 unique CDR3
13 unique J



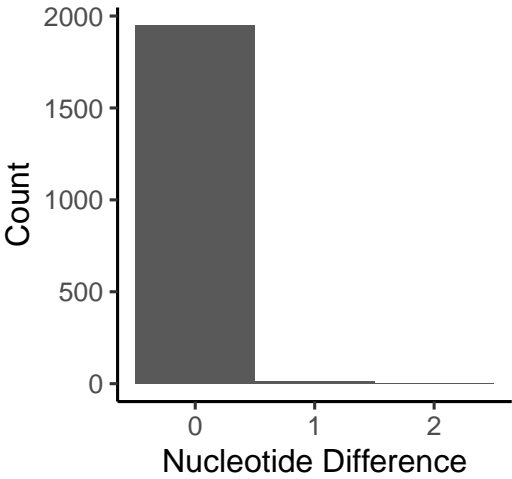
TRBV23-1*ap01

356 sequences assigned
352 (98.9%) exact matches, in which:
346 unique CDR3
13 unique J



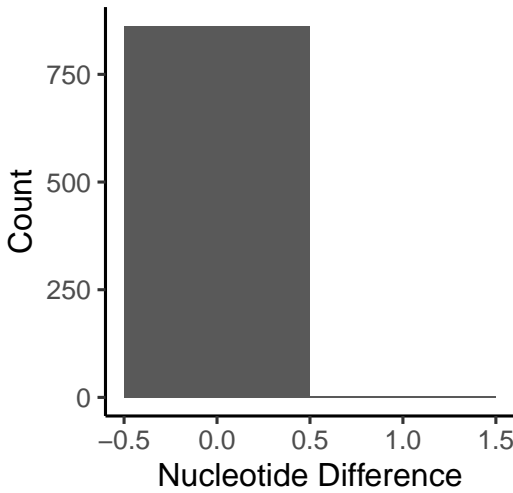
TRBV3-12*ap01

1965 sequences assigned
1949 (99.2%) exact matches, in which:
1919 unique CDR3
13 unique J



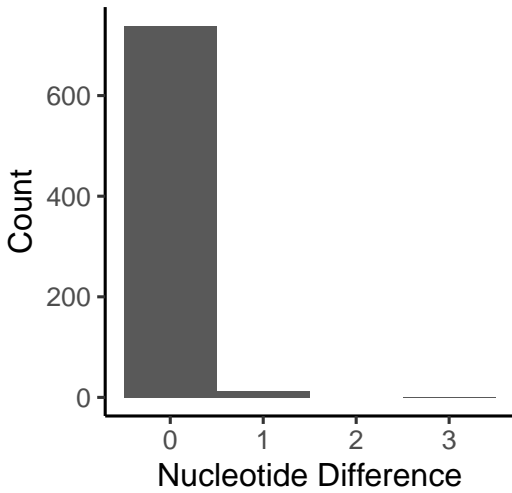
TRBV4-2*ap01

866 sequences assigned
863 (99.7%) exact matches, in which:
845 unique CDR3
13 unique J



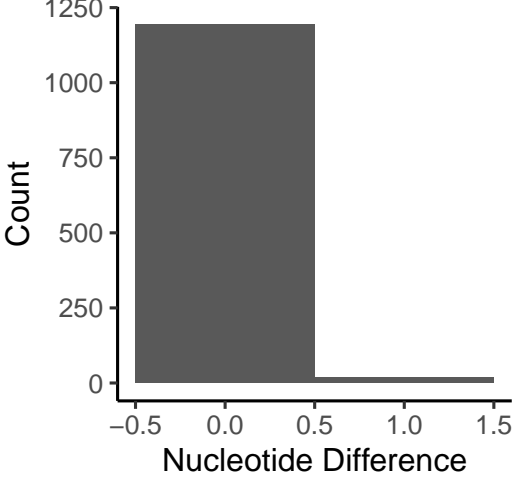
TRBV25-1*ap01

752 sequences assigned
739 (98.3%) exact matches, in which:
734 unique CDR3
13 unique J



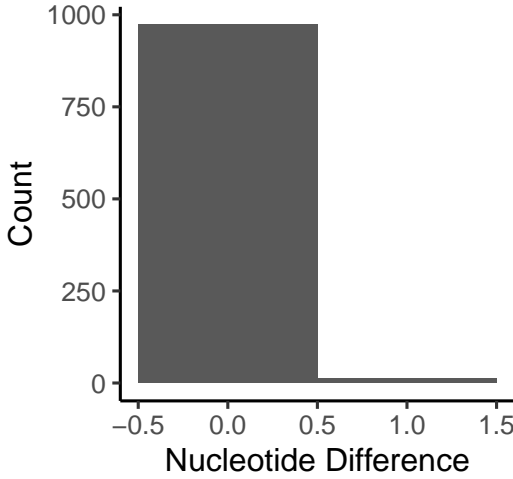
TRBV24-1*ap01

1210 sequences assigned
1193 (98.6%) exact matches, in which:
1168 unique CDR3
13 unique J



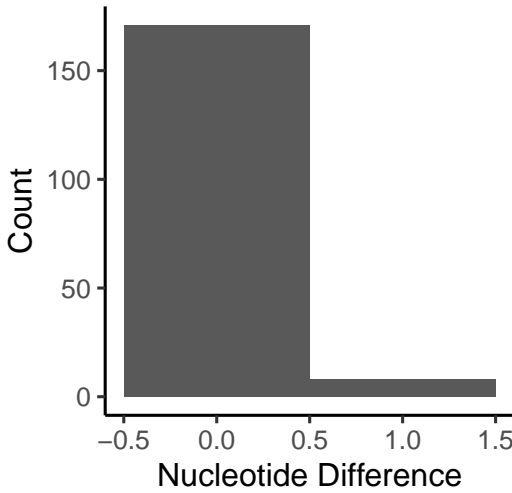
TRBV4-3*ap01

984 sequences assigned
973 (98.9%) exact matches, in which:
953 unique CDR3
12 unique J



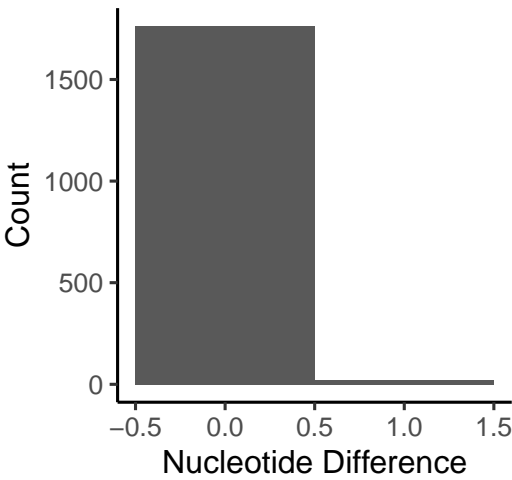
TRBV5-3*ap01

179 sequences assigned
171 (95.5%) exact matches, in which:
169 unique CDR3
13 unique J



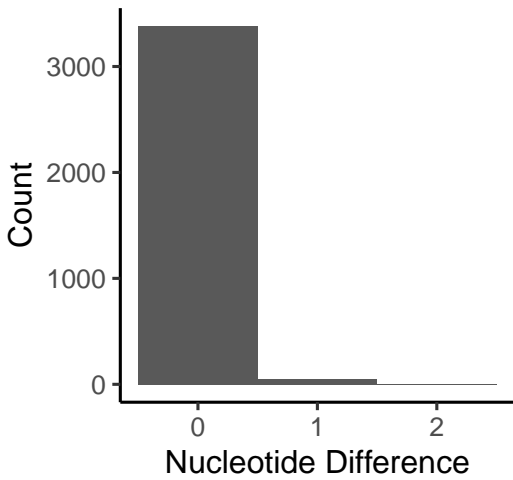
TRBV4-1*ap01

1784 sequences assigned
1763 (98.8%) exact matches, in which:
1735 unique CDR3
13 unique J



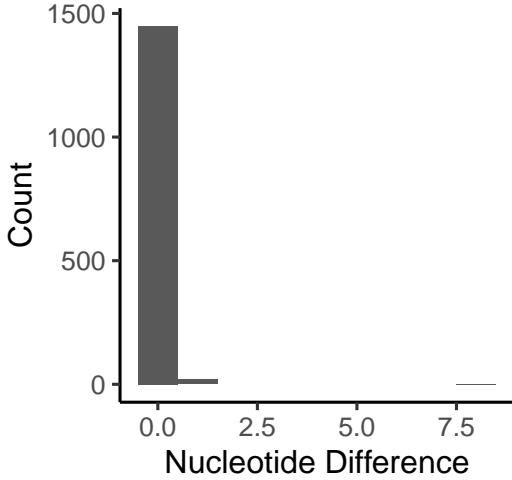
TRBV5-1*ap01

3435 sequences assigned
3382 (98.5%) exact matches, in which:
3293 unique CDR3
13 unique J



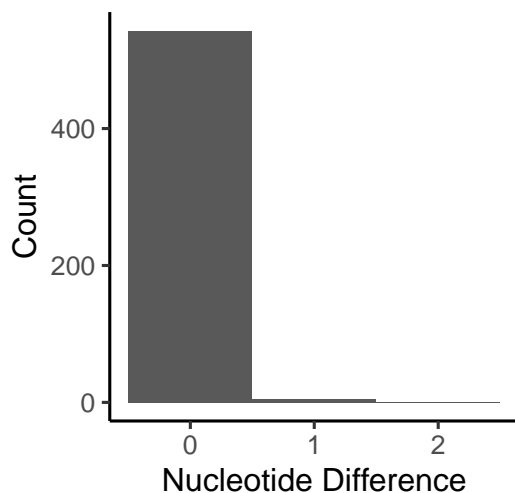
TRBV5-4*ap01

1471 sequences assigned
1449 (98.5%) exact matches, in which:
1421 unique CDR3
13 unique J



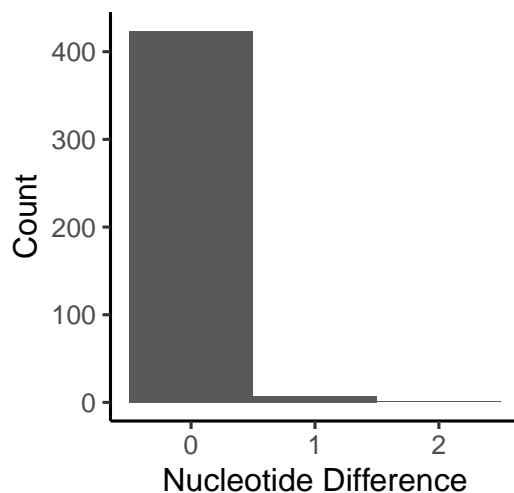
TRBV5–5*ap01

549 sequences assigned
543 (98.9%) exact matches, in which:
538 unique CDR3
13 unique J



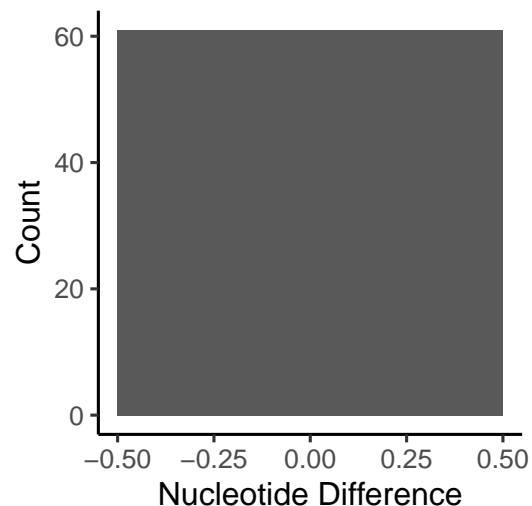
TRBV5–8*ap01

432 sequences assigned
424 (98.1%) exact matches, in which:
418 unique CDR3
13 unique J



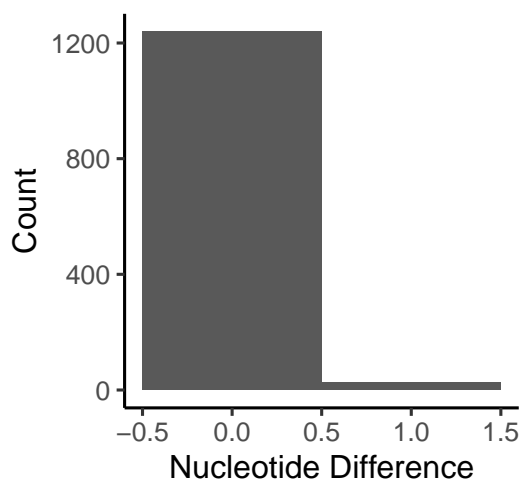
TRBV6–7*ap01

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



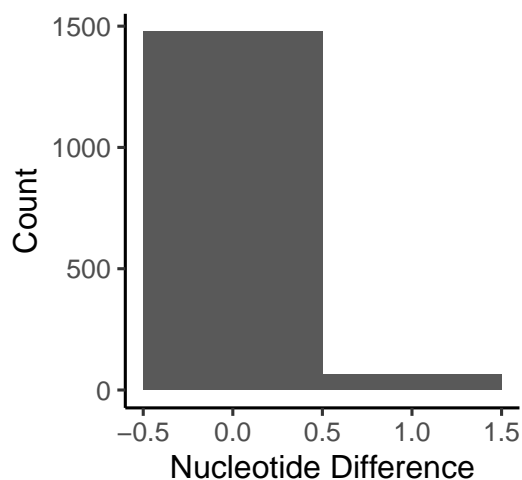
TRBV5–6*ap01

1264 sequences assigned
1239 (98%) exact matches, in which:
1209 unique CDR3
13 unique J



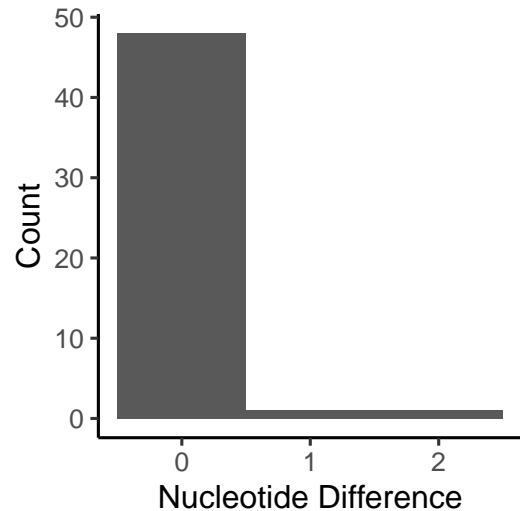
TRBV6–1*ap01

1539 sequences assigned
1477 (96%) exact matches, in which:
1441 unique CDR3
13 unique J



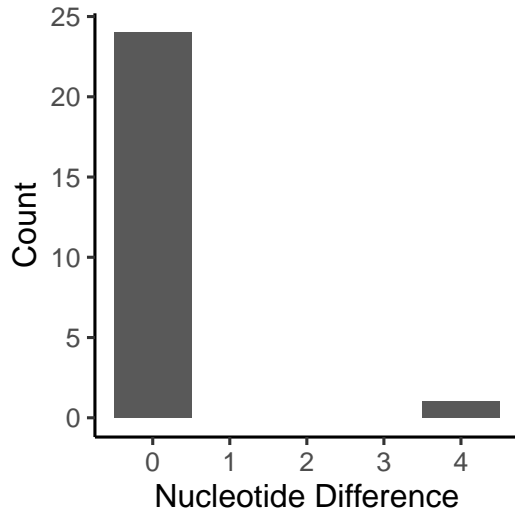
TRBV6–8*ap01

50 sequences assigned
48 (96%) exact matches, in which:
46 unique CDR3
12 unique J



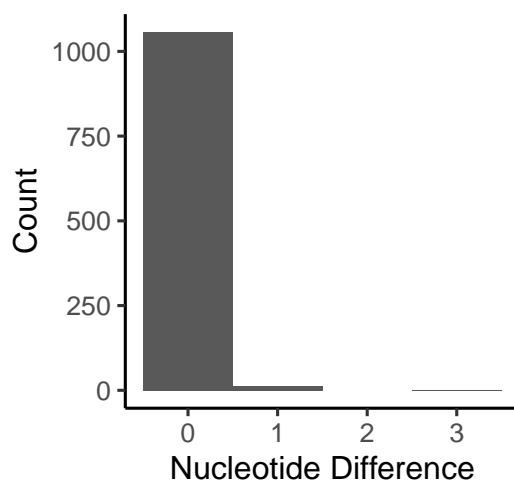
TRBV5–7*ap01

25 sequences assigned
24 (96%) exact matches, in which:
24 unique CDR3
10 unique J



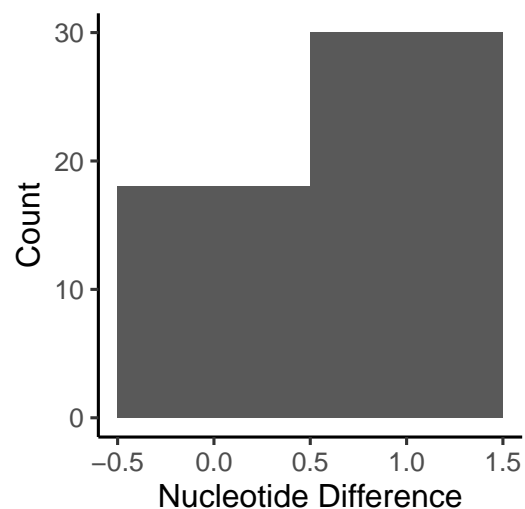
TRBV6–4*ap01

1070 sequences assigned
1057 (98.8%) exact matches, in which:
1043 unique CDR3
13 unique J



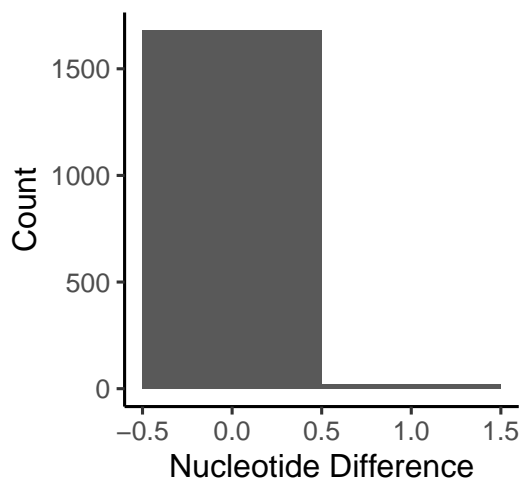
TRBV6–9*ap01

48 sequences assigned
18 (37.5%) exact matches, in which:
18 unique CDR3
7 unique J



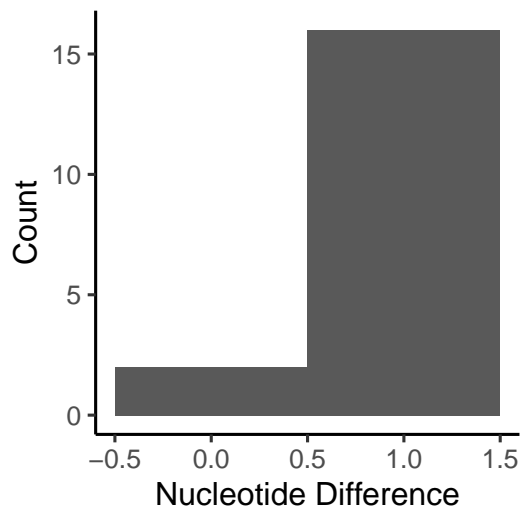
TRBV6-23*ap01

1701 sequences assigned
1680 (98.8%) exact matches, in which:
1643 unique CDR3
13 unique J



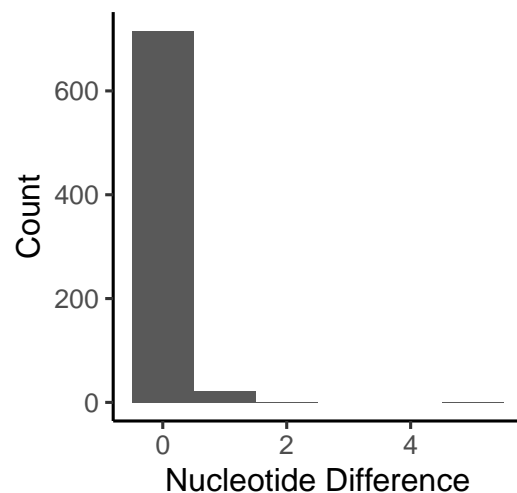
TRBV7-1*ap01_T296C

18 sequences assigned
2 (11.1%) exact matches, in which:
2 unique CDR3
2 unique J



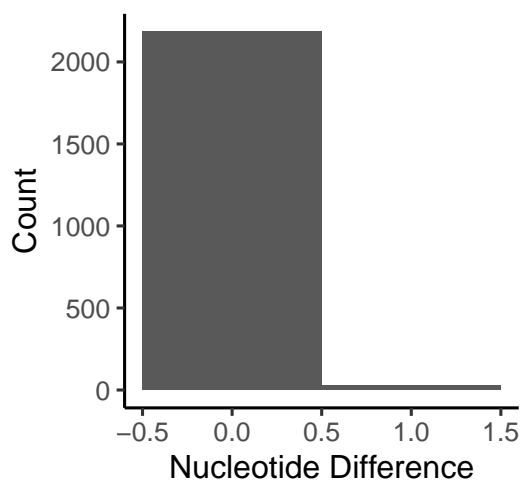
TRBV7-3*ap01

740 sequences assigned
716 (96.8%) exact matches, in which:
702 unique CDR3
13 unique J



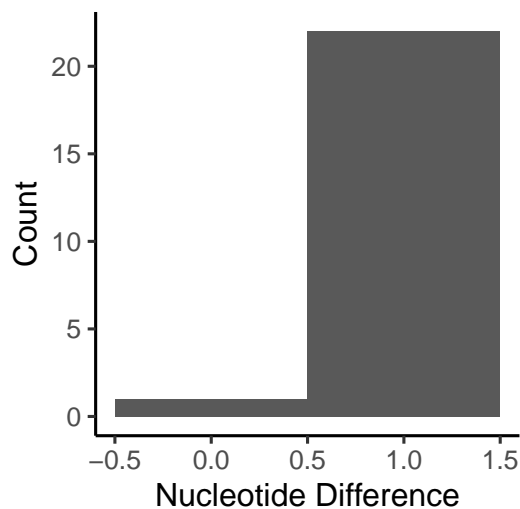
TRBV6-56*ap01

2211 sequences assigned
2184 (98.8%) exact matches, in which:
2132 unique CDR3
13 unique J



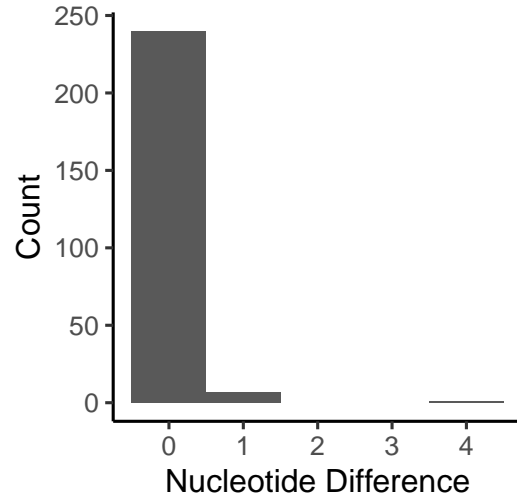
TRBV7-1*ap01_T296C_C

23 sequences assigned
1 (4.3%) exact matches, in which:
1 unique CDR3
1 unique J



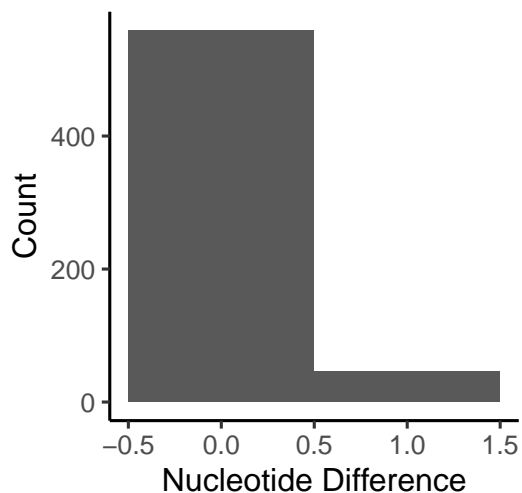
TRBV7-3*ap03

248 sequences assigned
240 (96.8%) exact matches, in which:
235 unique CDR3
13 unique J



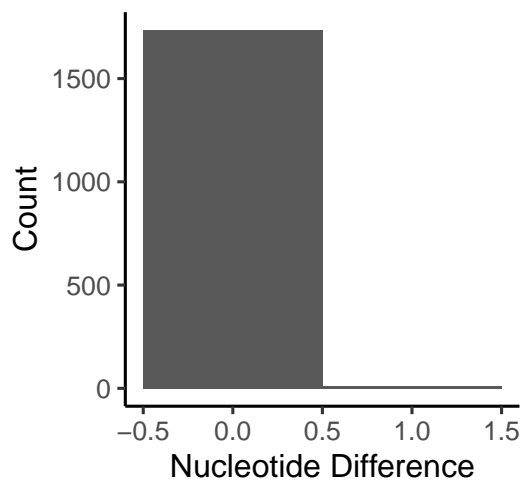
TRBV6-56*ap02

605 sequences assigned
559 (92.4%) exact matches, in which:
545 unique CDR3
13 unique J



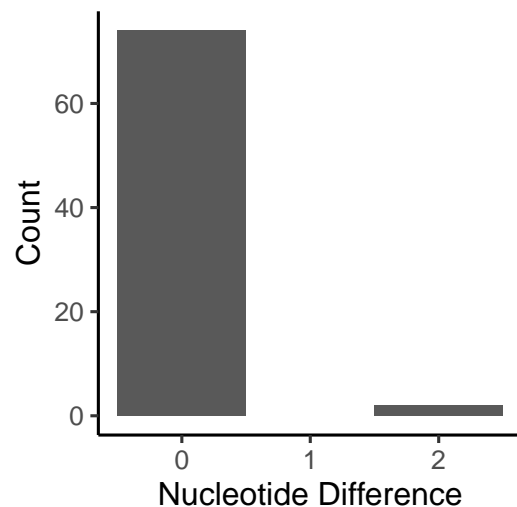
TRBV7-2*ap01

1747 sequences assigned
1735 (99.3%) exact matches, in which:
1696 unique CDR3
13 unique J



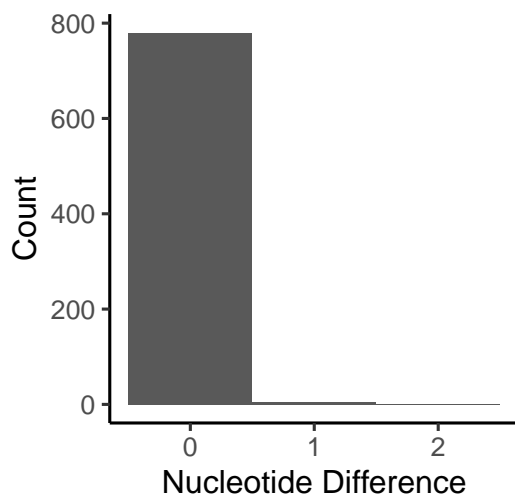
TRBV7-4*ap01

76 sequences assigned
74 (97.4%) exact matches, in which:
73 unique CDR3
13 unique J



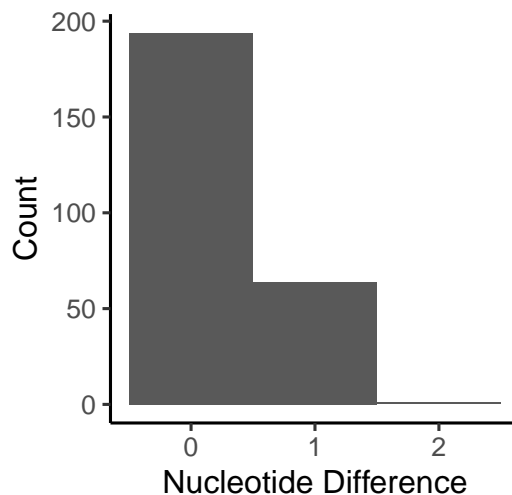
TRBV7-6*ap01

786 sequences assigned
780 (99.2%) exact matches, in which:
763 unique CDR3
13 unique J



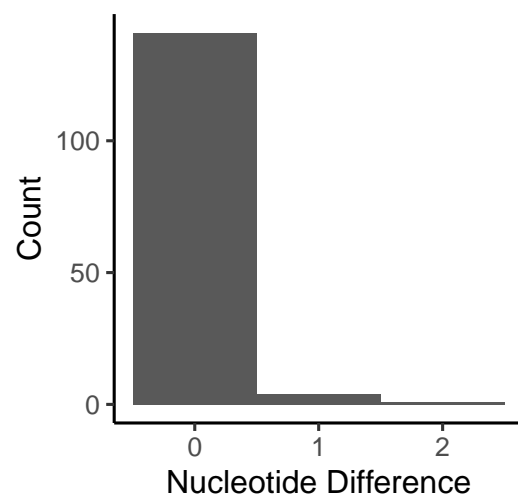
TRBV7-8*ap03

259 sequences assigned
194 (74.9%) exact matches, in which:
187 unique CDR3
12 unique J



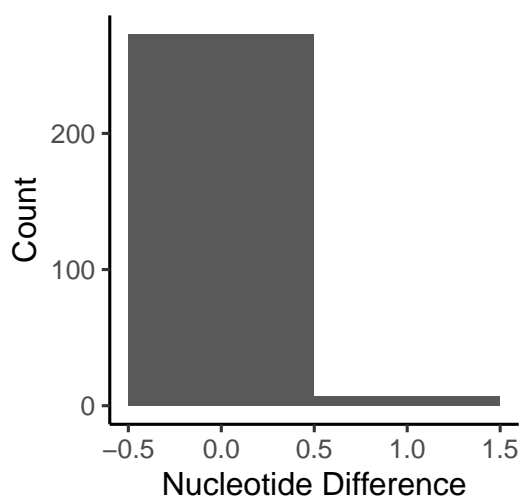
TRBV29-1*ap02

146 sequences assigned
141 (96.6%) exact matches, in which:
137 unique CDR3
13 unique J



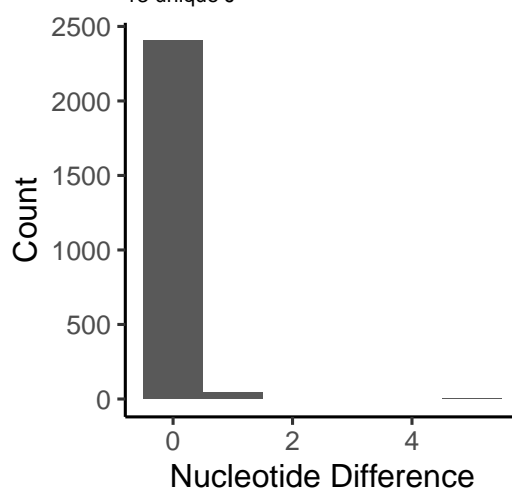
TRBV7-7*ap01

280 sequences assigned
273 (97.5%) exact matches, in which:
269 unique CDR3
13 unique J



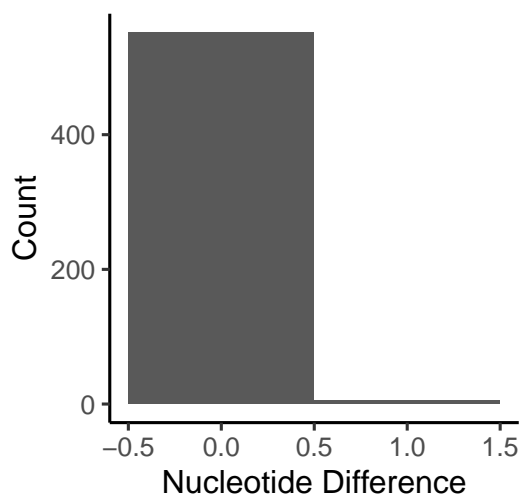
TRBV7-9*ap01

2447 sequences assigned
2404 (98.2%) exact matches, in which:
2357 unique CDR3
13 unique J



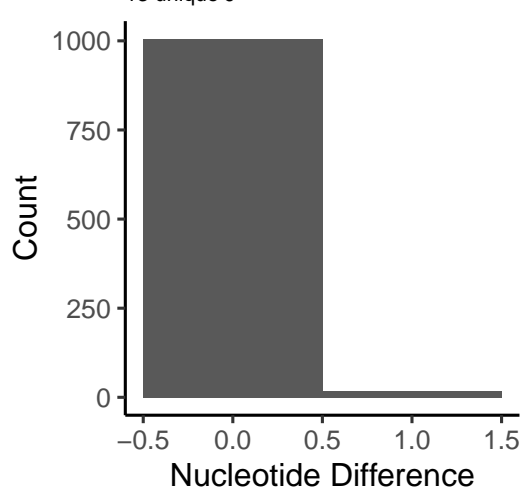
TRBV7-8*ap01

557 sequences assigned
552 (99.1%) exact matches, in which:
538 unique CDR3
13 unique J

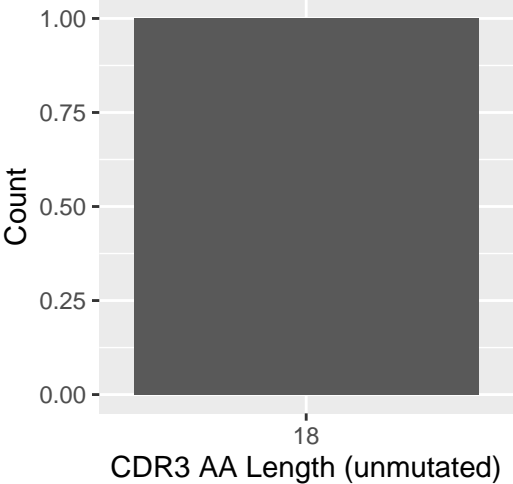


TRBV29-1*ap01

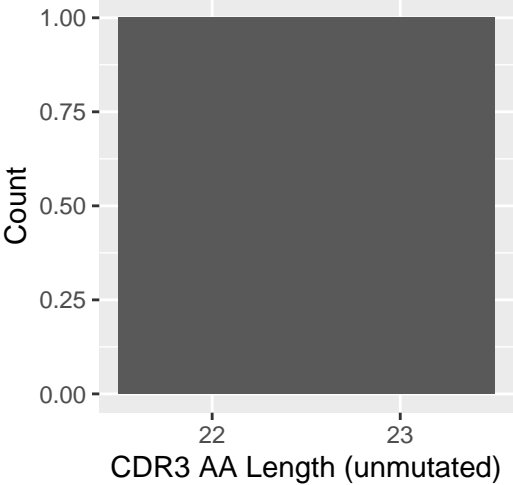
1023 sequences assigned
1005 (98.2%) exact matches, in which:
975 unique CDR3
13 unique J



TRBV7-1*ap01_T296C_C314T



TRBV7-1*ap01_T296C





Warning – no inferred sequences found.

Warning – no inferred sequences found.