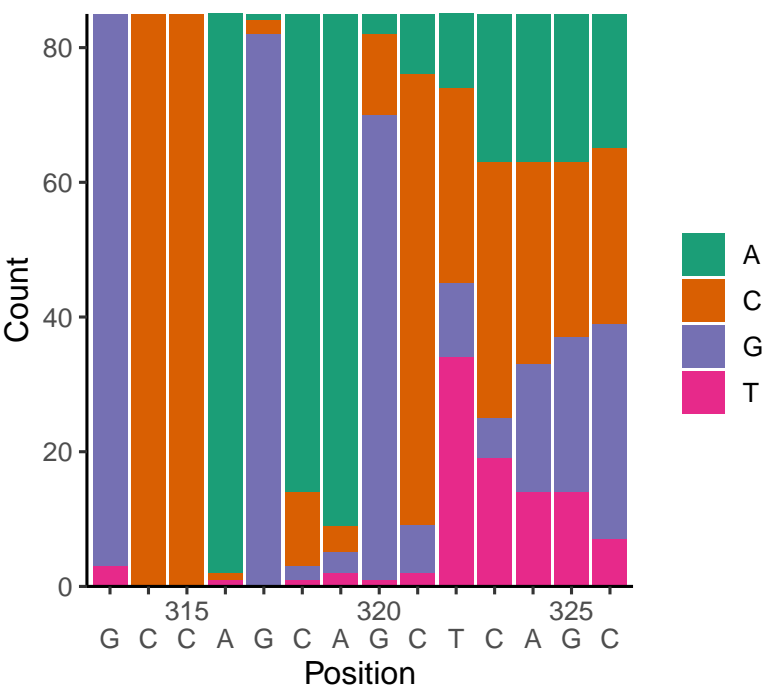
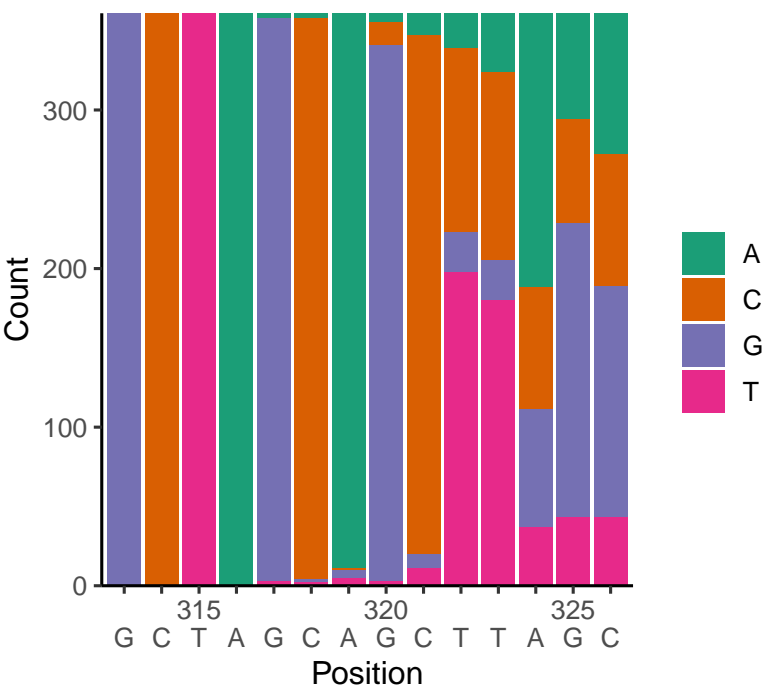


Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



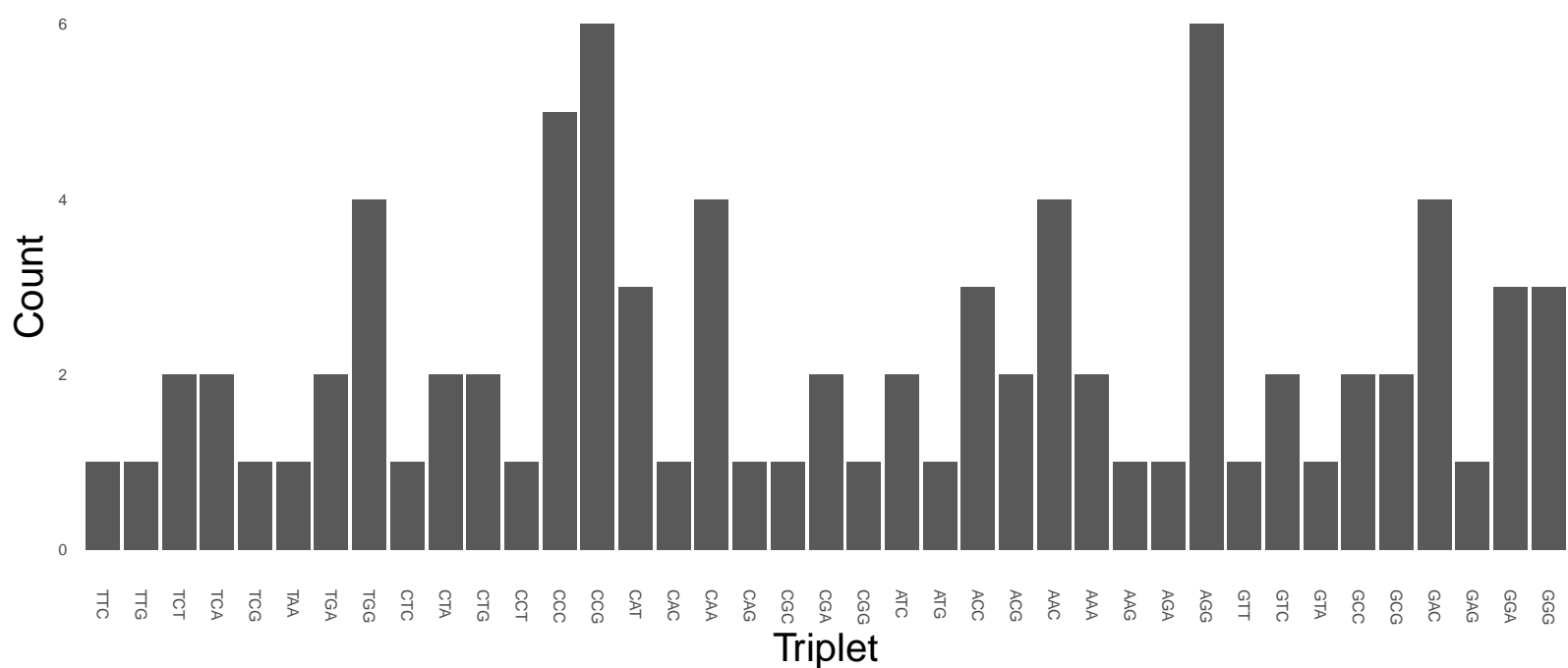
Gene TRBV7-1*ap01_T296C



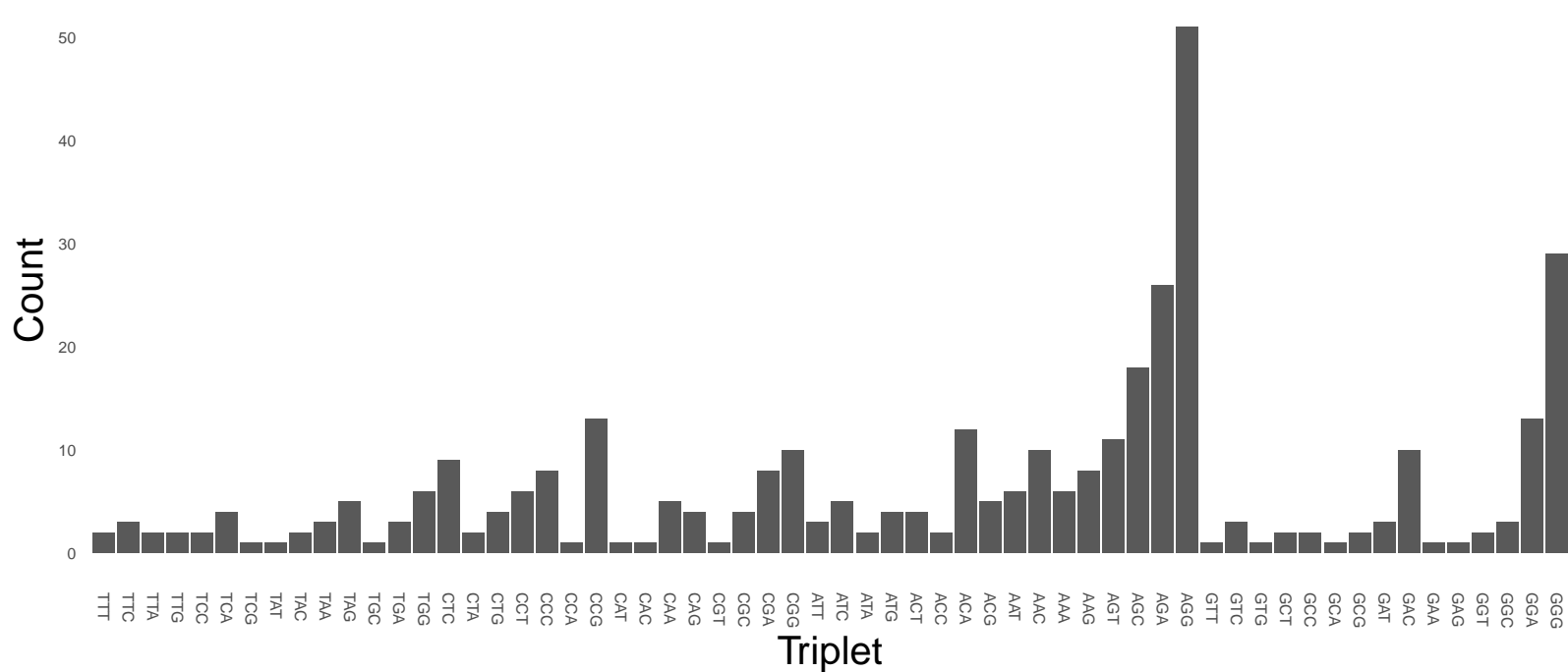
Gene TRBV7-7*ap01_C315T



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

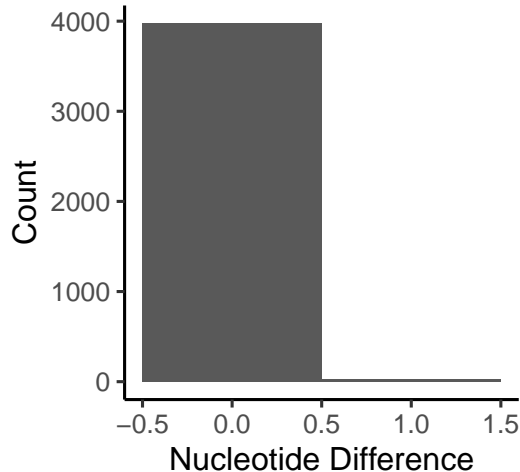


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



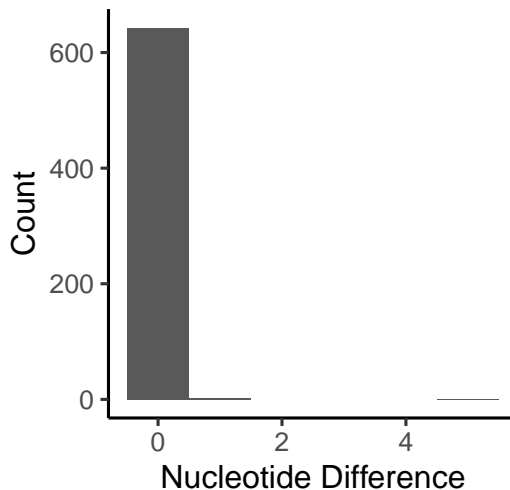
TRBV20-1*ap01

4005 sequences assigned
3975 (99.3%) exact matches, in which:
3944 unique CDR3
13 unique J



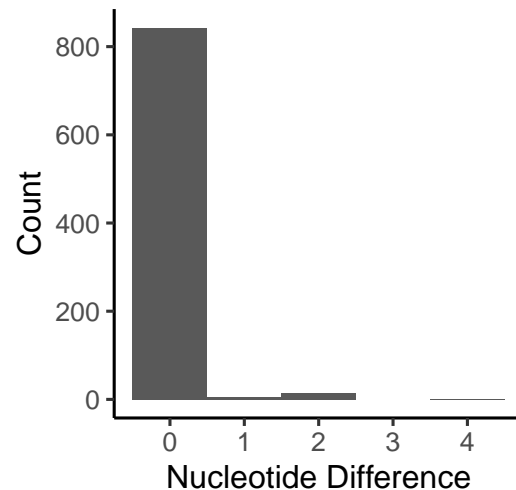
TRBV10-2*ap01

646 sequences assigned
643 (99.5%) exact matches, in which:
632 unique CDR3
13 unique J



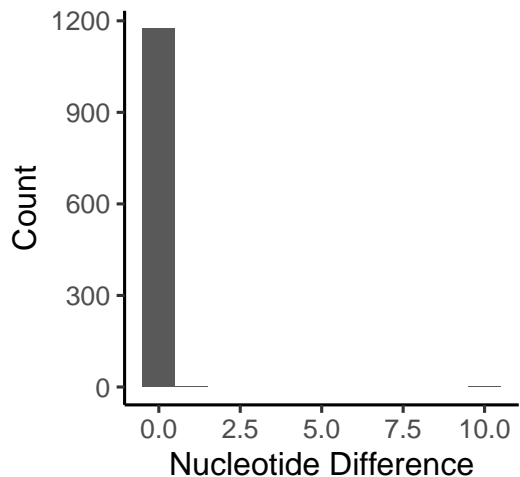
TRBV13*ap01

865 sequences assigned
843 (97.5%) exact matches, in which:
827 unique CDR3
13 unique J



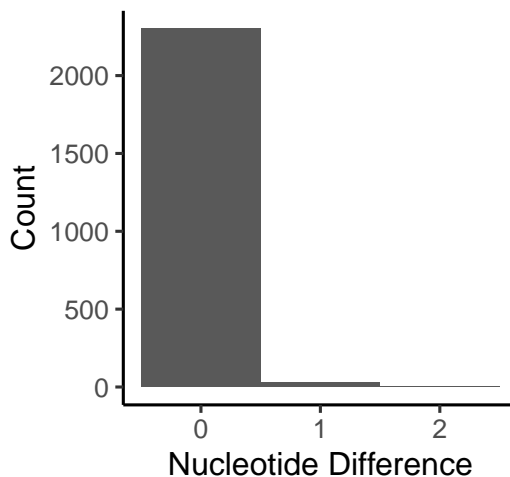
TRBV10-1*ap01

1178 sequences assigned
1174 (99.7%) exact matches, in which:
1149 unique CDR3
13 unique J



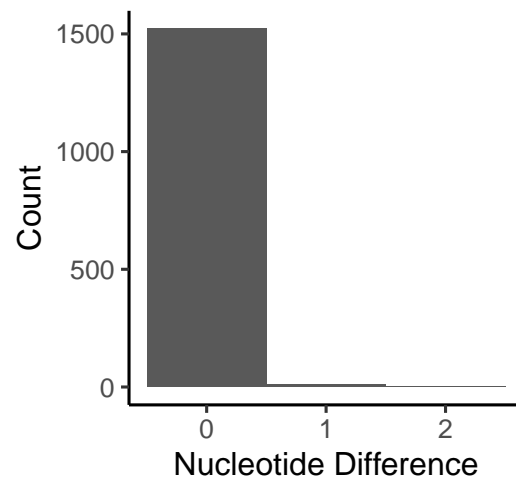
TRBV10-3*ap01

2328 sequences assigned
2301 (98.8%) exact matches, in which:
2267 unique CDR3
13 unique J



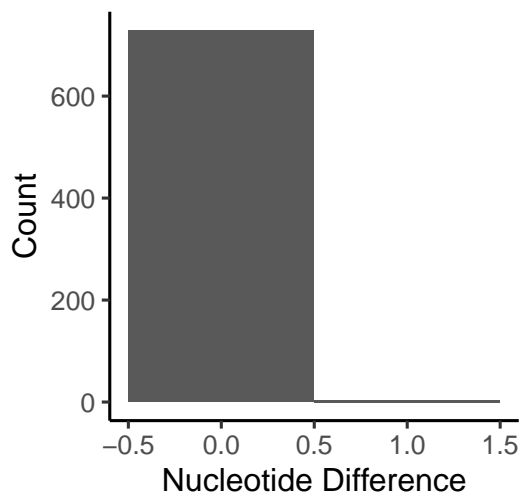
TRBV14*ap01

1533 sequences assigned
1522 (99.3%) exact matches, in which:
1502 unique CDR3
13 unique J



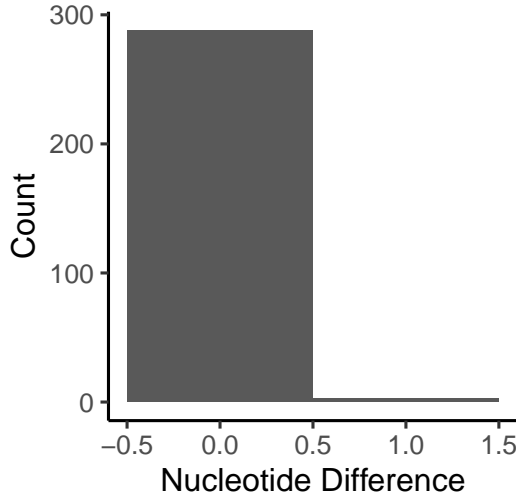
TRBV20-1*ap02

733 sequences assigned
729 (99.5%) exact matches, in which:
722 unique CDR3
13 unique J



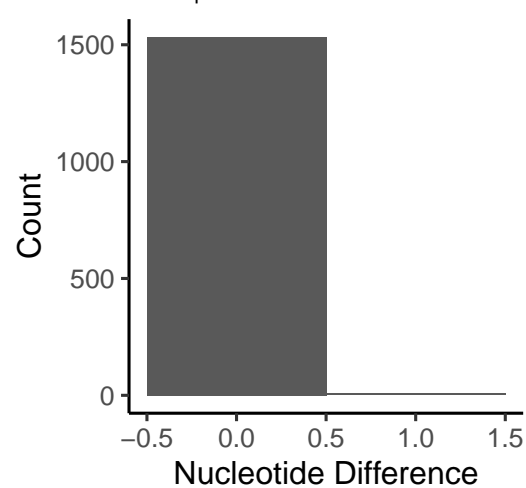
TRBV1*ap01

291 sequences assigned
288 (99%) exact matches, in which:
281 unique CDR3
13 unique J



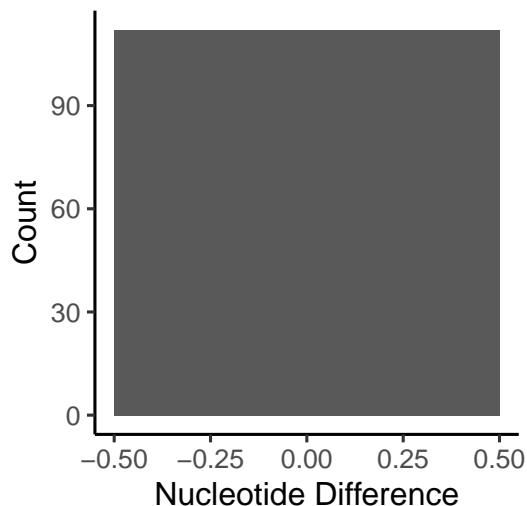
TRBV15*ap02

1541 sequences assigned
1533 (99.5%) exact matches, in which:
1497 unique CDR3
13 unique J



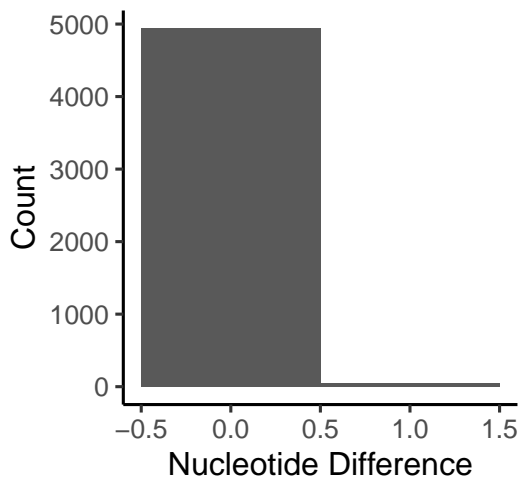
TRBV16*ap01

112 sequences assigned
112 (100%) exact matches, in which:
112 unique CDR3
13 unique J



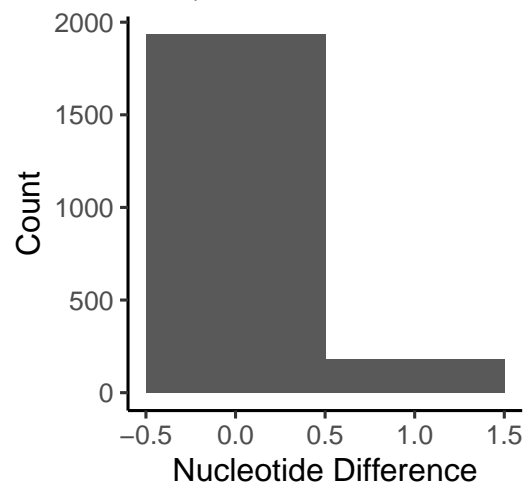
TRBV2*ap01

4989 sequences assigned
4940 (99%) exact matches, in which:
4870 unique CDR3
13 unique J



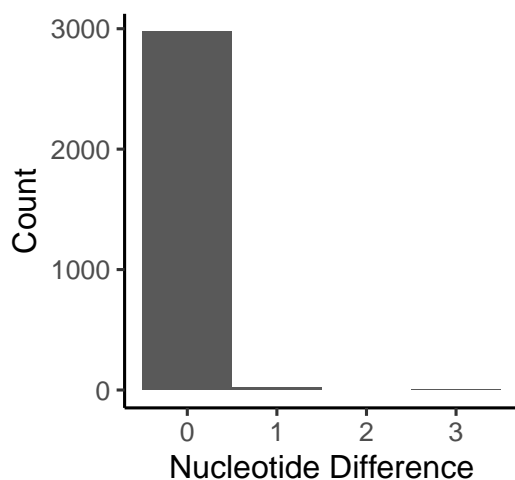
TRBV30*ap01

2114 sequences assigned
1934 (91.5%) exact matches, in which:
1901 unique CDR3
13 unique J



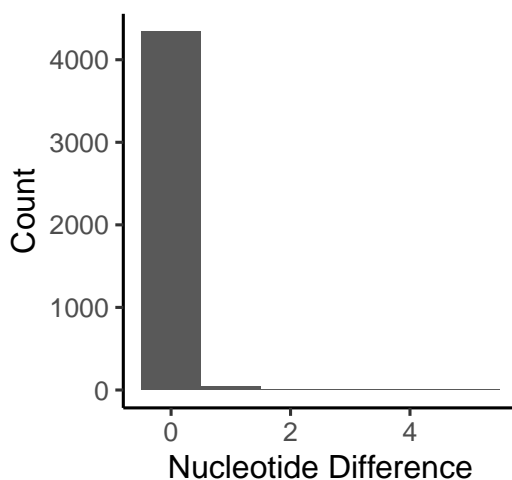
TRBV18*ap01

2995 sequences assigned
2975 (99.3%) exact matches, in which:
2946 unique CDR3
13 unique J



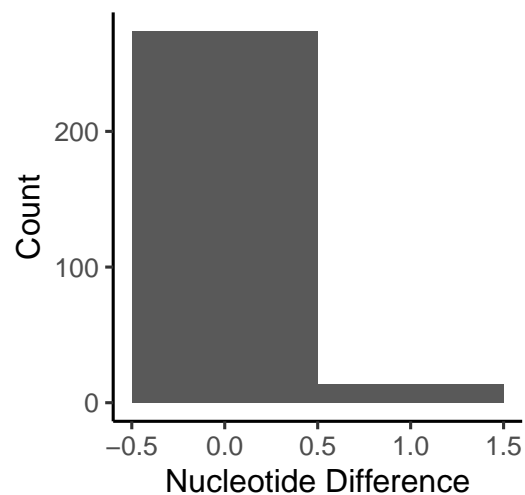
TRBV27*ap01

4385 sequences assigned
4339 (99%) exact matches, in which:
4289 unique CDR3
13 unique J



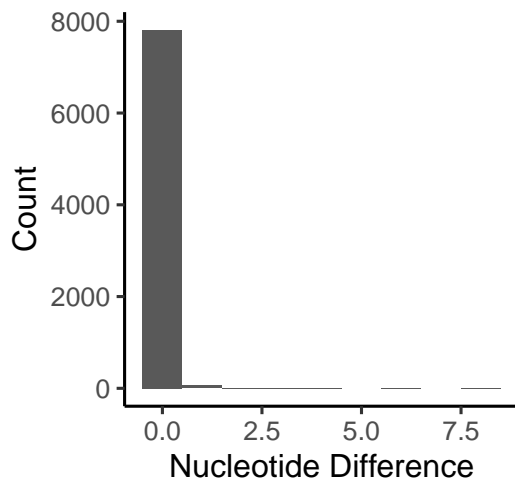
TRBV30*ap03

288 sequences assigned
274 (95.1%) exact matches, in which:
268 unique CDR3
13 unique J



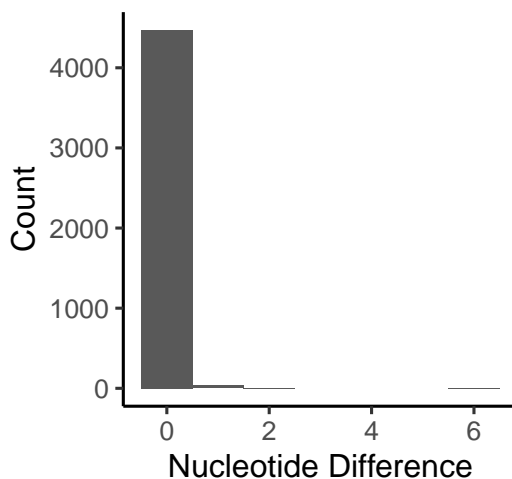
TRBV19*ap01

7877 sequences assigned
7809 (99.1%) exact matches, in which:
7730 unique CDR3
13 unique J



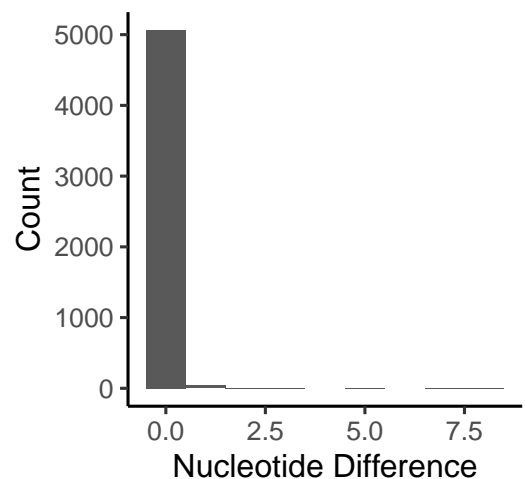
TRBV28*ap01

4510 sequences assigned
4471 (99.1%) exact matches, in which:
4392 unique CDR3
13 unique J



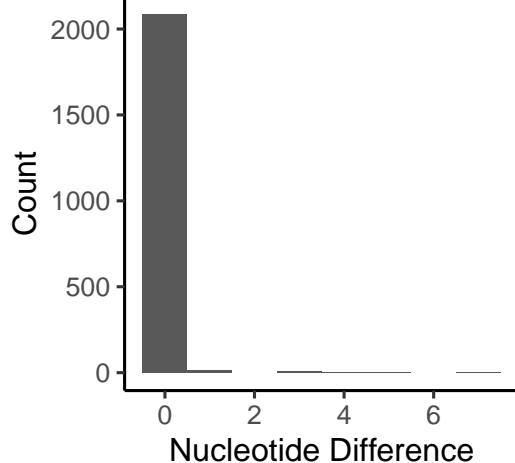
TRBV9*ap01

5112 sequences assigned
5065 (99.1%) exact matches, in which:
5014 unique CDR3
13 unique J



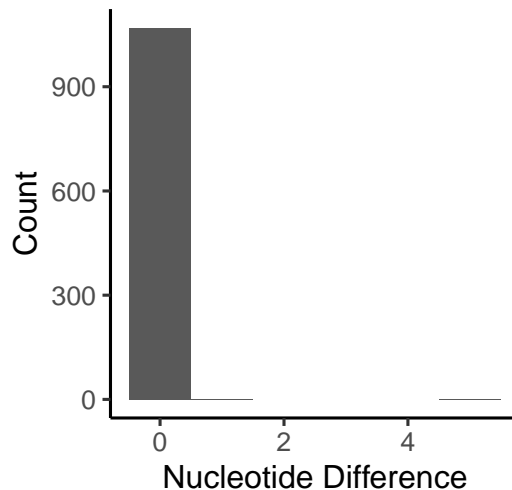
TRBV21-1*ap01

2110 sequences assigned
2085 (98.8%) exact matches, in which:
2066 unique CDR3
13 unique J



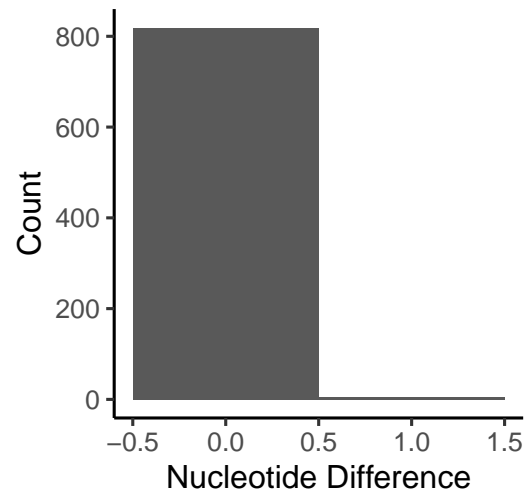
TRBV11-3*ap01

1072 sequences assigned
1070 (99.8%) exact matches, in which:
1064 unique CDR3
13 unique J



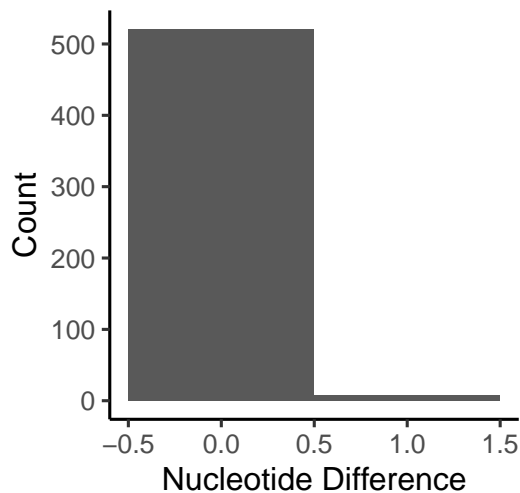
TRBV12-5*ap01

825 sequences assigned
819 (99.3%) exact matches, in which:
809 unique CDR3
13 unique J



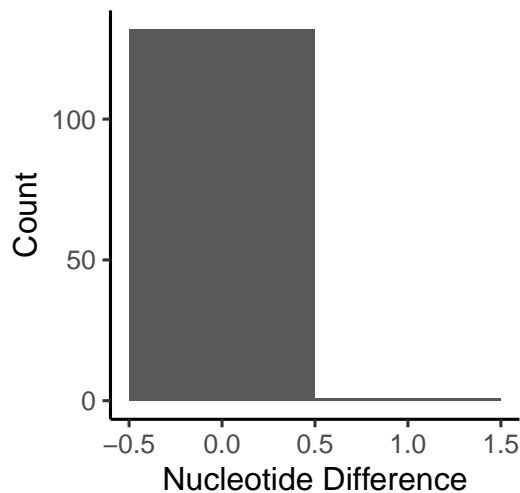
TRBV11-1*ap01

529 sequences assigned
521 (98.5%) exact matches, in which:
518 unique CDR3
13 unique J



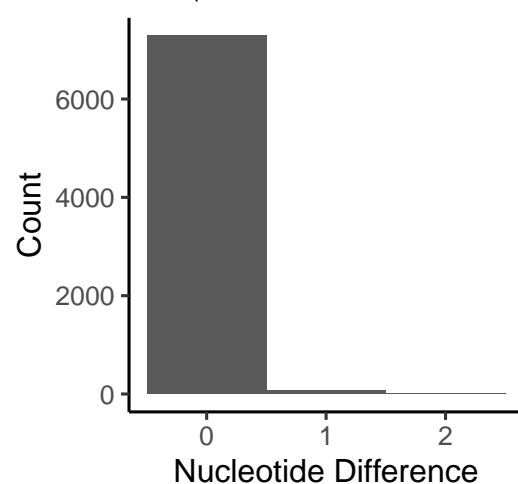
TRBV12-1*ap01

133 sequences assigned
132 (99.2%) exact matches, in which:
132 unique CDR3
13 unique J



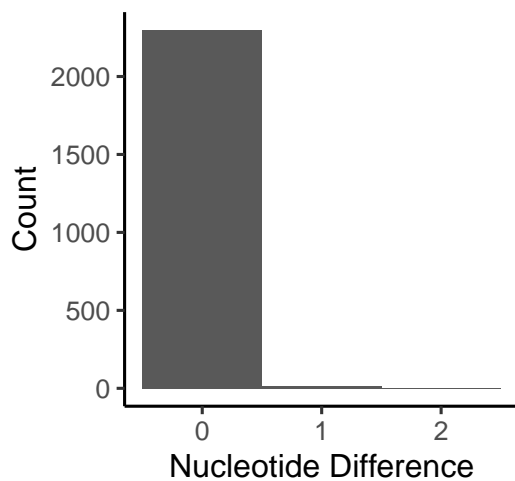
TRBV12-34*ap01

7369 sequences assigned
7288 (98.9%) exact matches, in which:
7169 unique CDR3
13 unique J



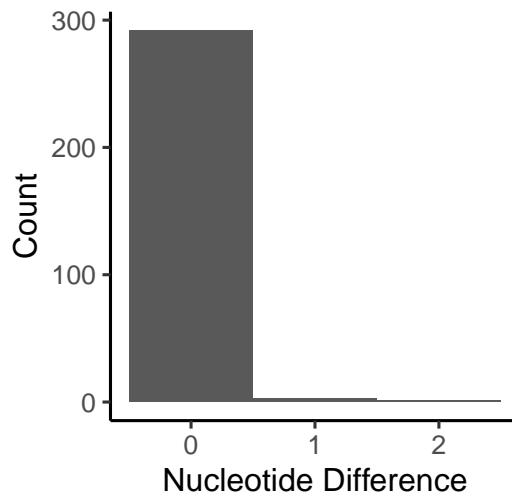
TRBV11-2*ap01

2315 sequences assigned
2298 (99.3%) exact matches, in which:
2284 unique CDR3
13 unique J



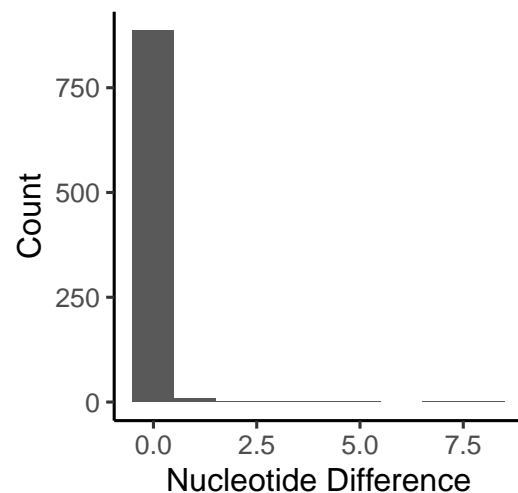
TRBV12-2*ap01

296 sequences assigned
292 (98.6%) exact matches, in which:
286 unique CDR3
13 unique J



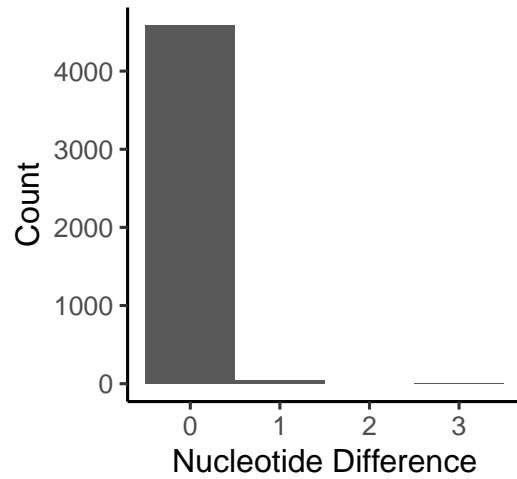
TRBV23-1*ap01

901 sequences assigned
887 (98.4%) exact matches, in which:
864 unique CDR3
13 unique J



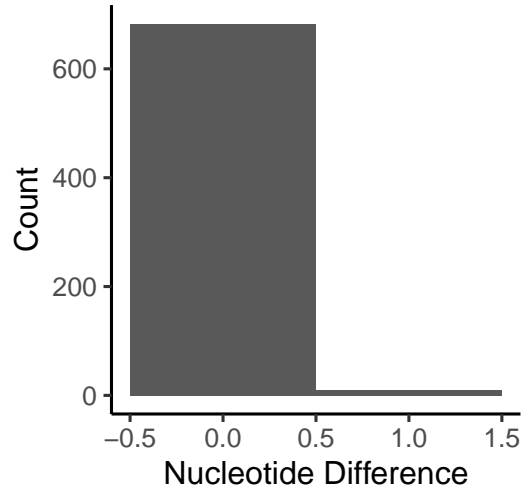
TRBV3-12*ap01

4628 sequences assigned
4585 (99.1%) exact matches, in which:
4536 unique CDR3
13 unique J



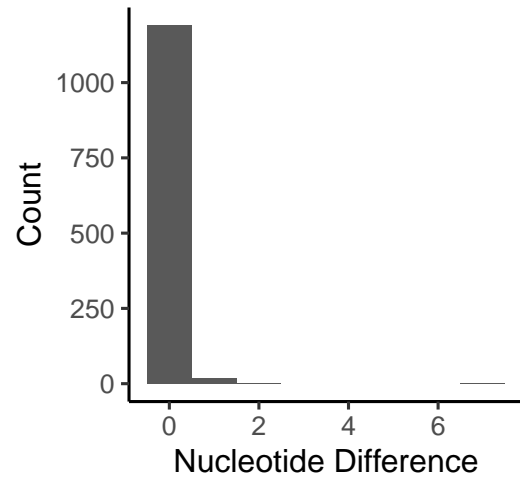
TRBV4-2*ap01

693 sequences assigned
683 (98.6%) exact matches, in which:
667 unique CDR3
13 unique J



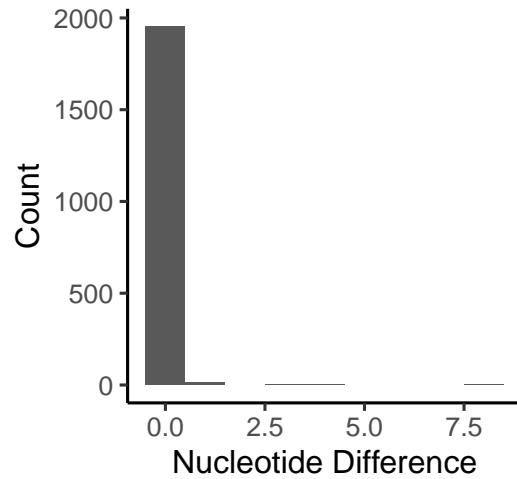
TRBV25-1*ap01

1209 sequences assigned
1190 (98.4%) exact matches, in which:
1165 unique CDR3
13 unique J



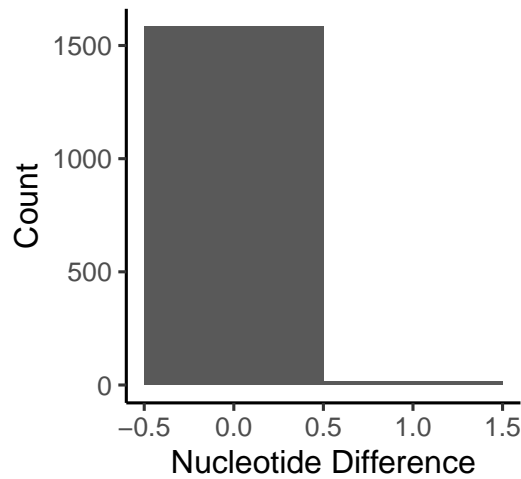
TRBV24-1*ap01

1974 sequences assigned
1952 (98.9%) exact matches, in which:
1912 unique CDR3
13 unique J



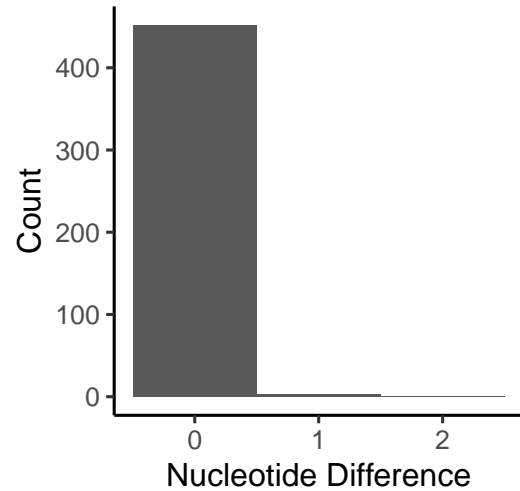
TRBV4-3*ap01

1600 sequences assigned
1583 (98.9%) exact matches, in which:
1550 unique CDR3
13 unique J



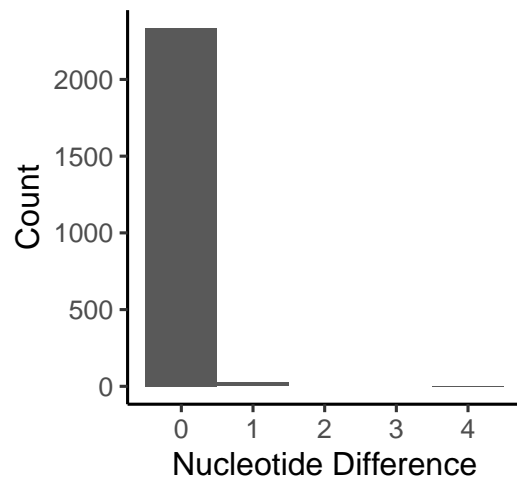
TRBV5-3*ap01

456 sequences assigned
452 (99.1%) exact matches, in which:
444 unique CDR3
13 unique J



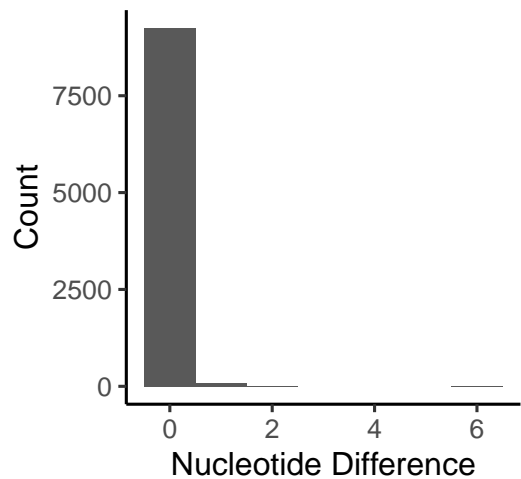
TRBV4-1*ap01

2361 sequences assigned
2335 (98.9%) exact matches, in which:
2286 unique CDR3
13 unique J



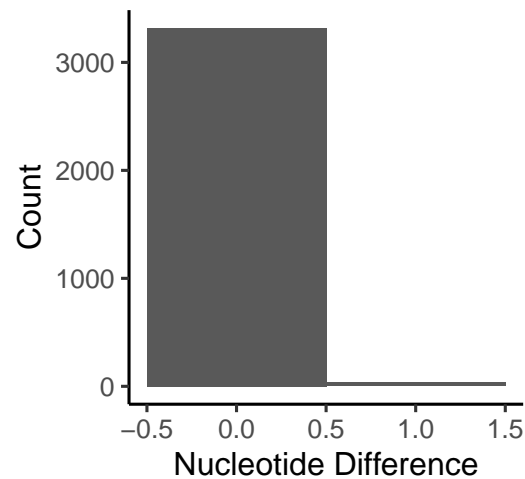
TRBV5-1*ap01

9327 sequences assigned
9247 (99.1%) exact matches, in which:
9053 unique CDR3
13 unique J



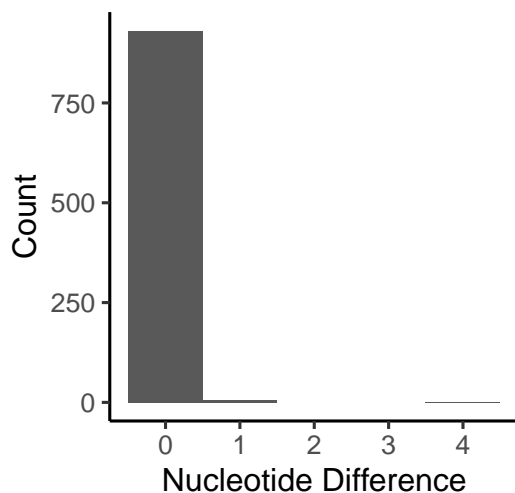
TRBV5-4*ap01

3354 sequences assigned
3318 (98.9%) exact matches, in which:
3260 unique CDR3
13 unique J



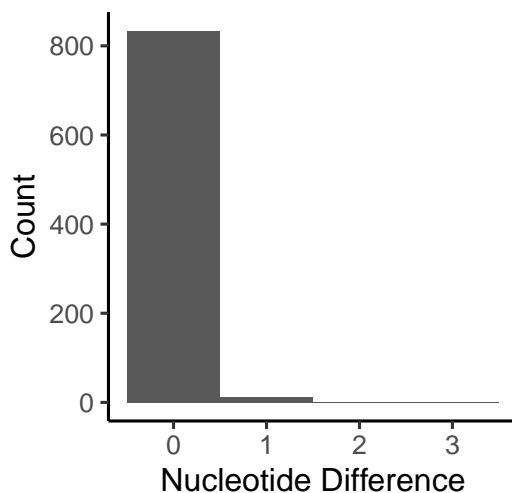
TRBV5–5*ap01

938 sequences assigned
931 (99.3%) exact matches, in which:
920 unique CDR3
13 unique J



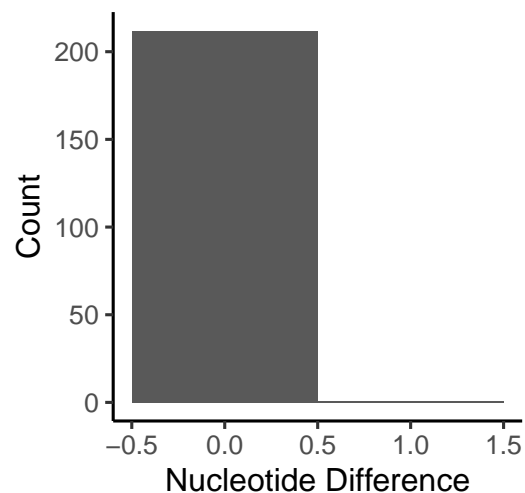
TRBV5–8*ap01

848 sequences assigned
834 (98.3%) exact matches, in which:
825 unique CDR3
13 unique J



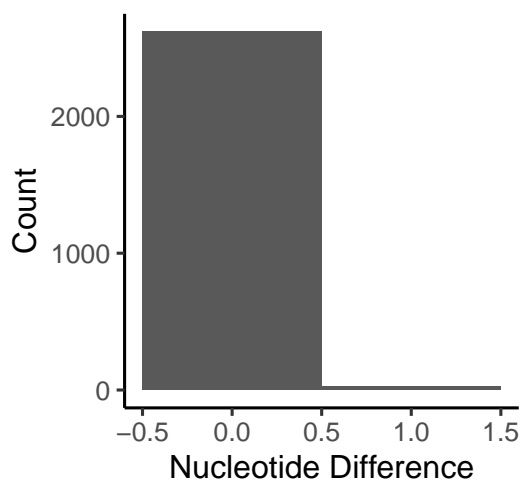
TRBV6–7*ap01

213 sequences assigned
212 (99.5%) exact matches, in which:
207 unique CDR3
13 unique J



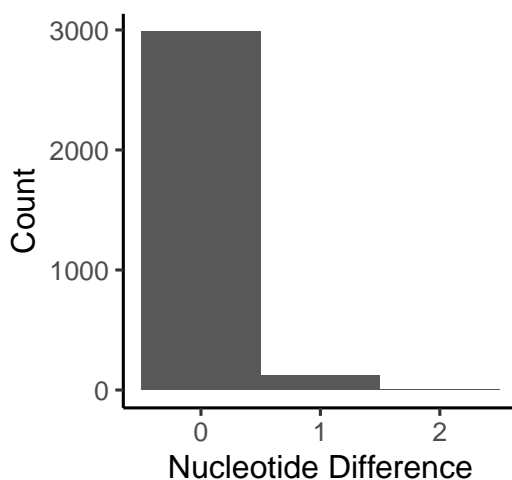
TRBV5–6*ap01

2648 sequences assigned
2619 (98.9%) exact matches, in which:
2545 unique CDR3
13 unique J



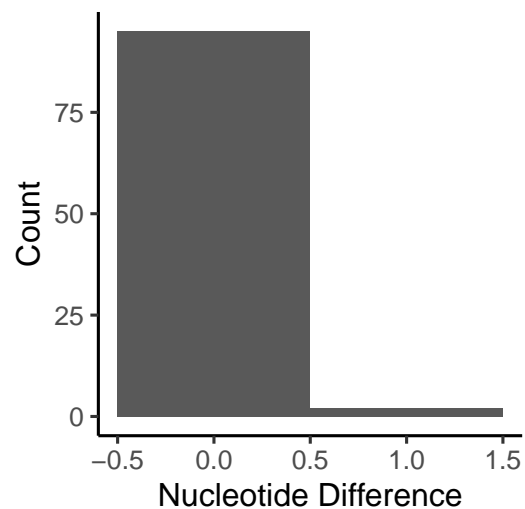
TRBV6–1*ap01

3105 sequences assigned
2985 (96.1%) exact matches, in which:
2923 unique CDR3
13 unique J



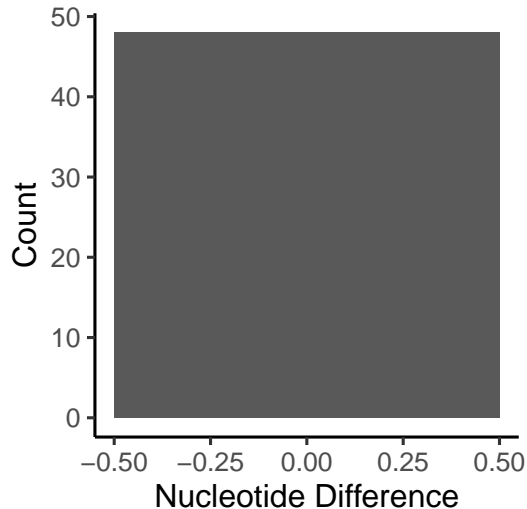
TRBV6–8*ap01

97 sequences assigned
95 (97.9%) exact matches, in which:
94 unique CDR3
13 unique J



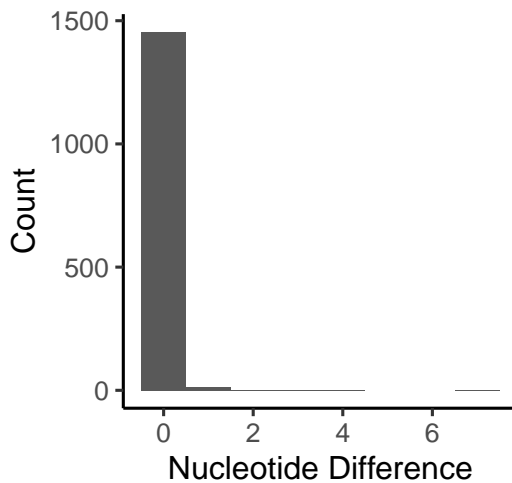
TRBV5–7*ap01

48 sequences assigned
48 (100%) exact matches, in which:
48 unique CDR3
12 unique J



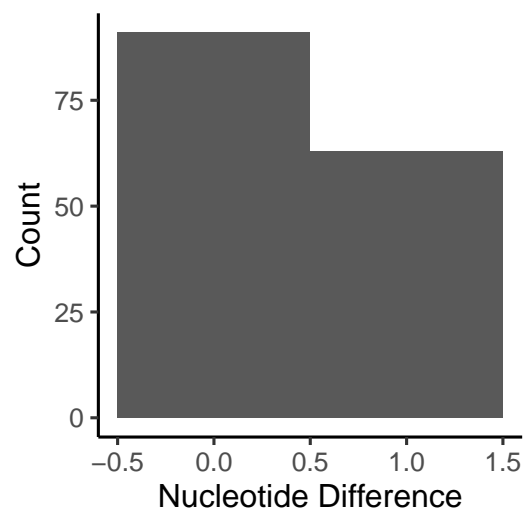
TRBV6–4*ap01

1472 sequences assigned
1454 (98.8%) exact matches, in which:
1434 unique CDR3
13 unique J



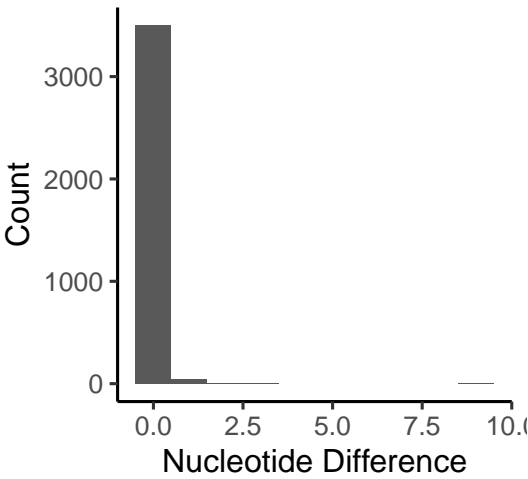
TRBV6–9*ap01

154 sequences assigned
91 (59.1%) exact matches, in which:
89 unique CDR3
13 unique J



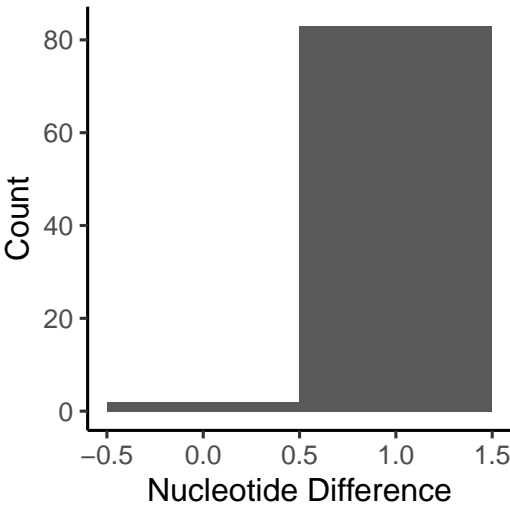
TRBV6-23*ap01

3545 sequences assigned
3500 (98.7%) exact matches, in which:
3418 unique CDR3
13 unique J



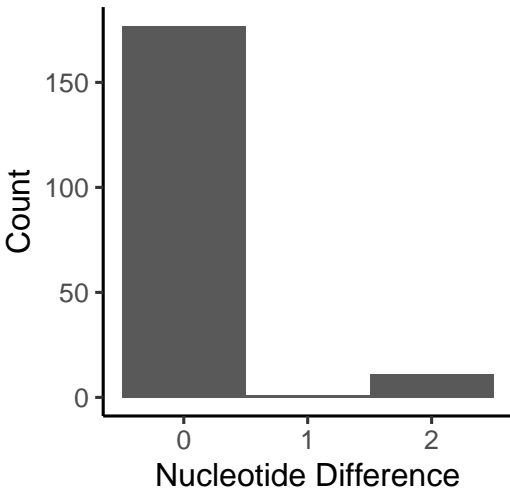
TRBV7-1*ap01_T296C

85 sequences assigned
2 (2.4%) exact matches, in which:
2 unique CDR3
1 unique J



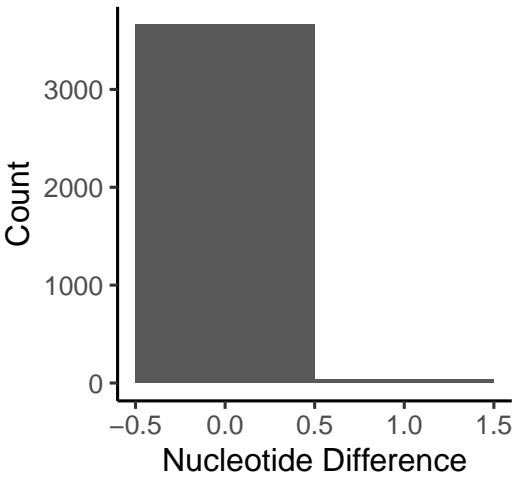
TRBV7-4*ap01

189 sequences assigned
177 (93.7%) exact matches, in which:
172 unique CDR3
13 unique J



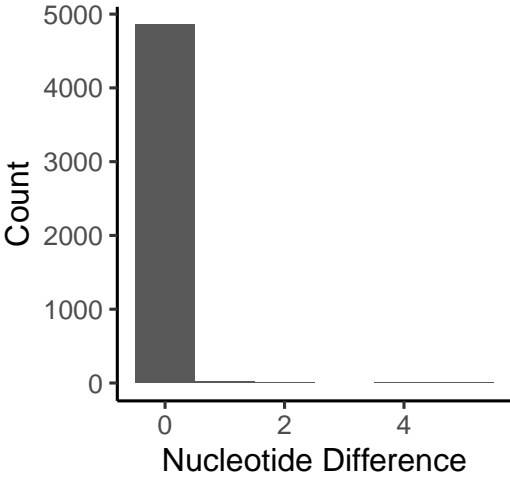
TRBV6-56*ap01

3699 sequences assigned
3661 (99%) exact matches, in which:
3567 unique CDR3
13 unique J



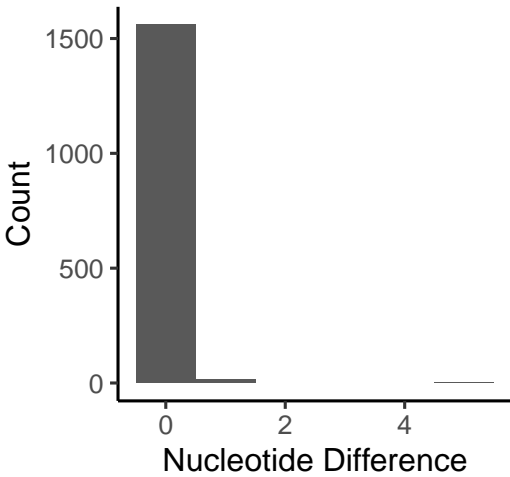
TRBV7-2*ap01

4886 sequences assigned
4856 (99.4%) exact matches, in which:
4795 unique CDR3
13 unique J



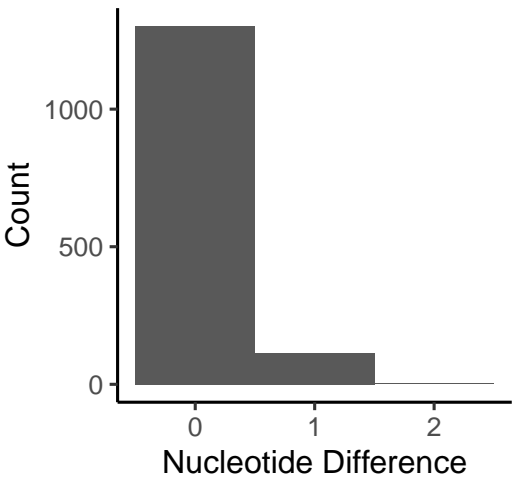
TRBV7-6*ap01

1577 sequences assigned
1560 (98.9%) exact matches, in which:
1537 unique CDR3
13 unique J



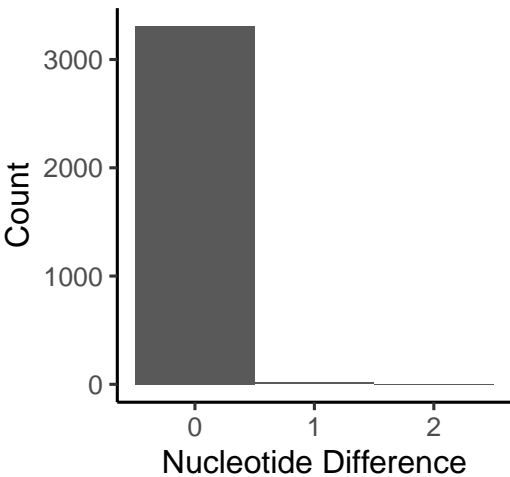
TRBV6-56*ap02

1418 sequences assigned
1302 (91.8%) exact matches, in which:
1273 unique CDR3
13 unique J



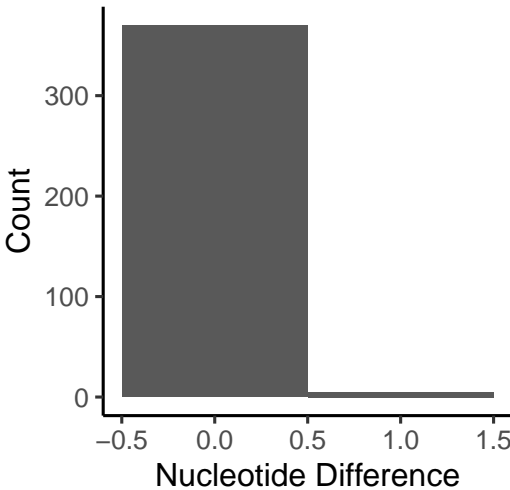
TRBV7-3*ap01

3326 sequences assigned
3309 (99.5%) exact matches, in which:
3273 unique CDR3
13 unique J



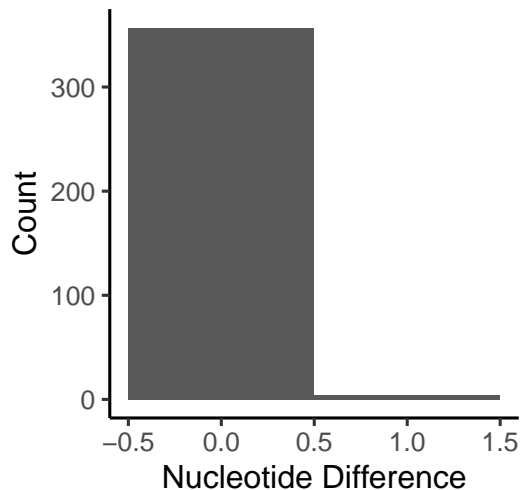
TRBV7-7*ap01

375 sequences assigned
370 (98.7%) exact matches, in which:
363 unique CDR3
13 unique J



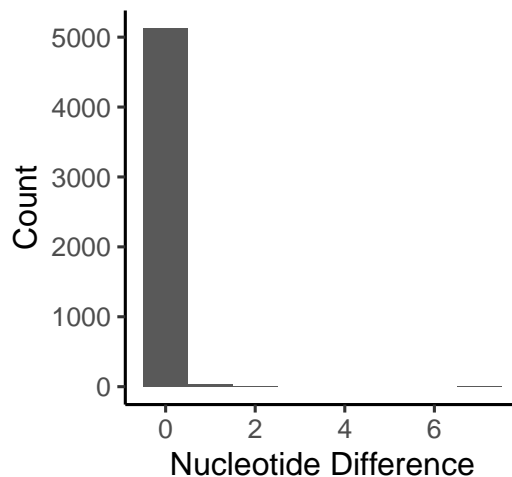
TRBV7-7*ap01_C315T

361 sequences assigned
357 (98.9%) exact matches, in which:
353 unique CDR3
13 unique J



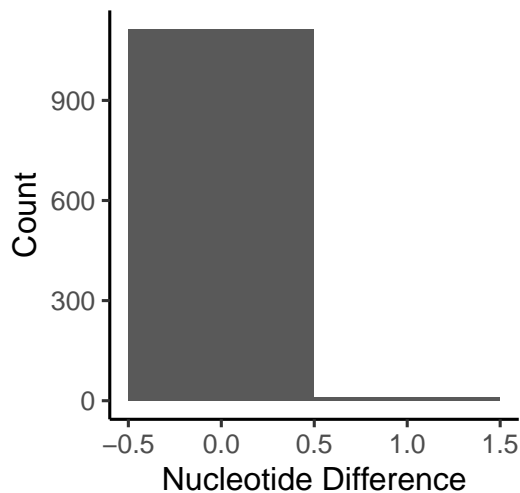
TRBV7-9*ap01

5163 sequences assigned
5125 (99.3%) exact matches, in which:
5035 unique CDR3
13 unique J



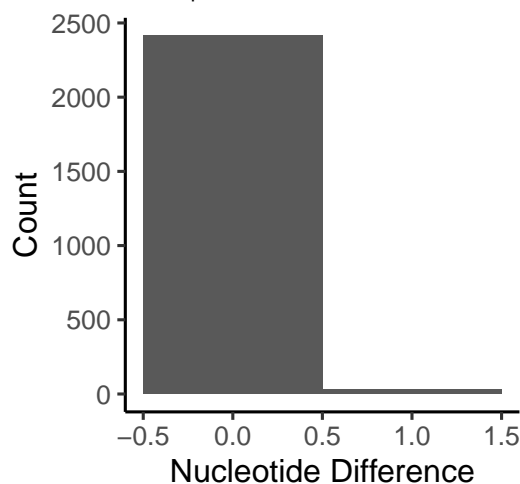
TRBV7-8*ap01

1125 sequences assigned
1114 (99%) exact matches, in which:
1096 unique CDR3
13 unique J



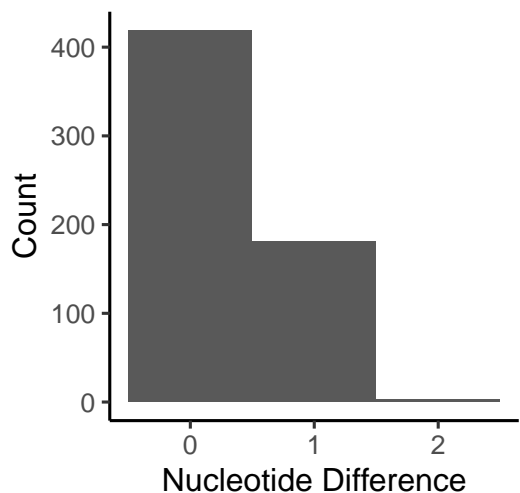
TRBV29-1*ap01

2443 sequences assigned
2414 (98.8%) exact matches, in which:
2369 unique CDR3
13 unique J



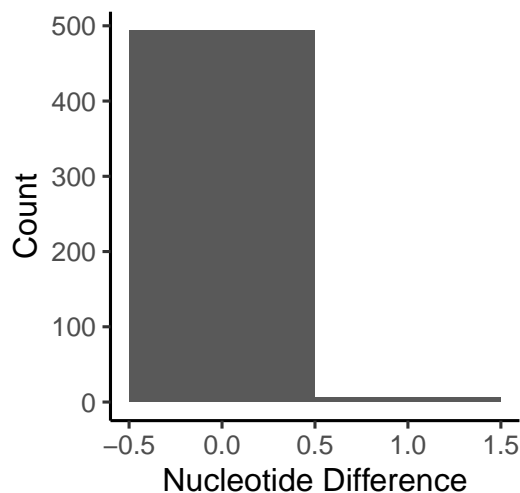
TRBV7-8*ap03

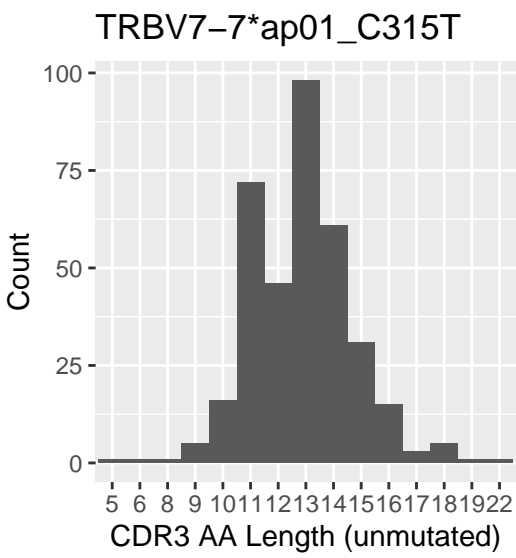
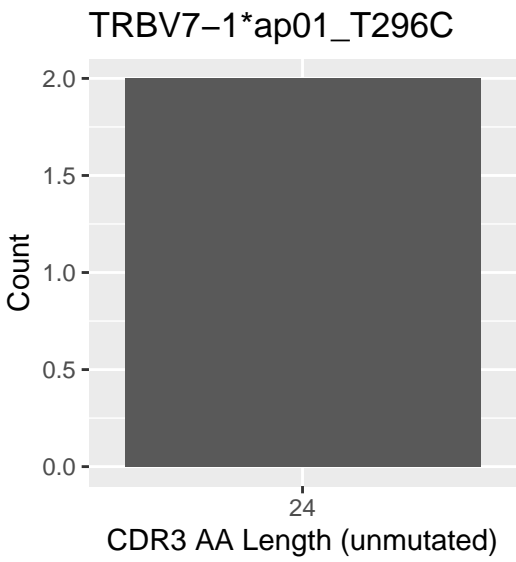
603 sequences assigned
419 (69.5%) exact matches, in which:
412 unique CDR3
13 unique J



TRBV29-1*ap02

500 sequences assigned
494 (98.8%) exact matches, in which:
487 unique CDR3
13 unique J







Warning – no inferred sequences found.

Warning – no inferred sequences found.