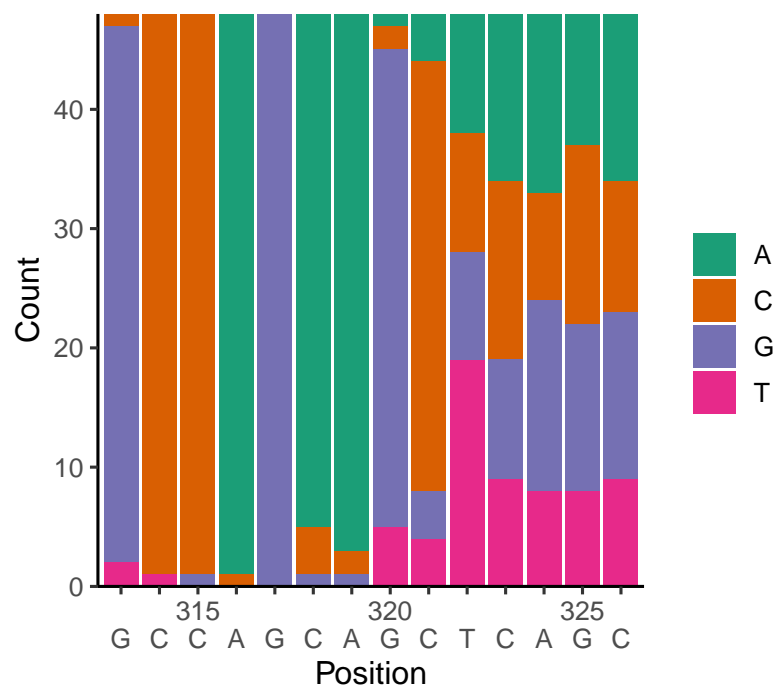
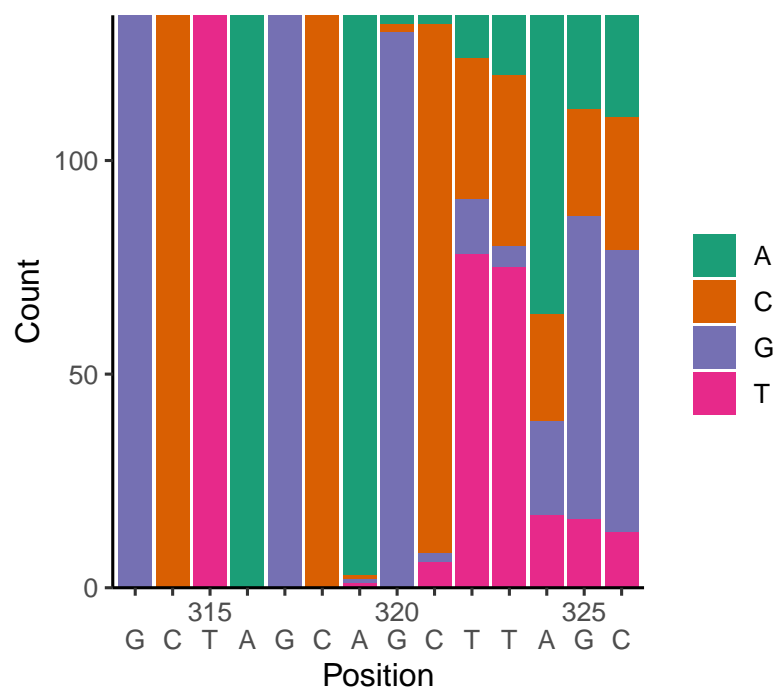


Gene TRBV7-1*ap01_T296C



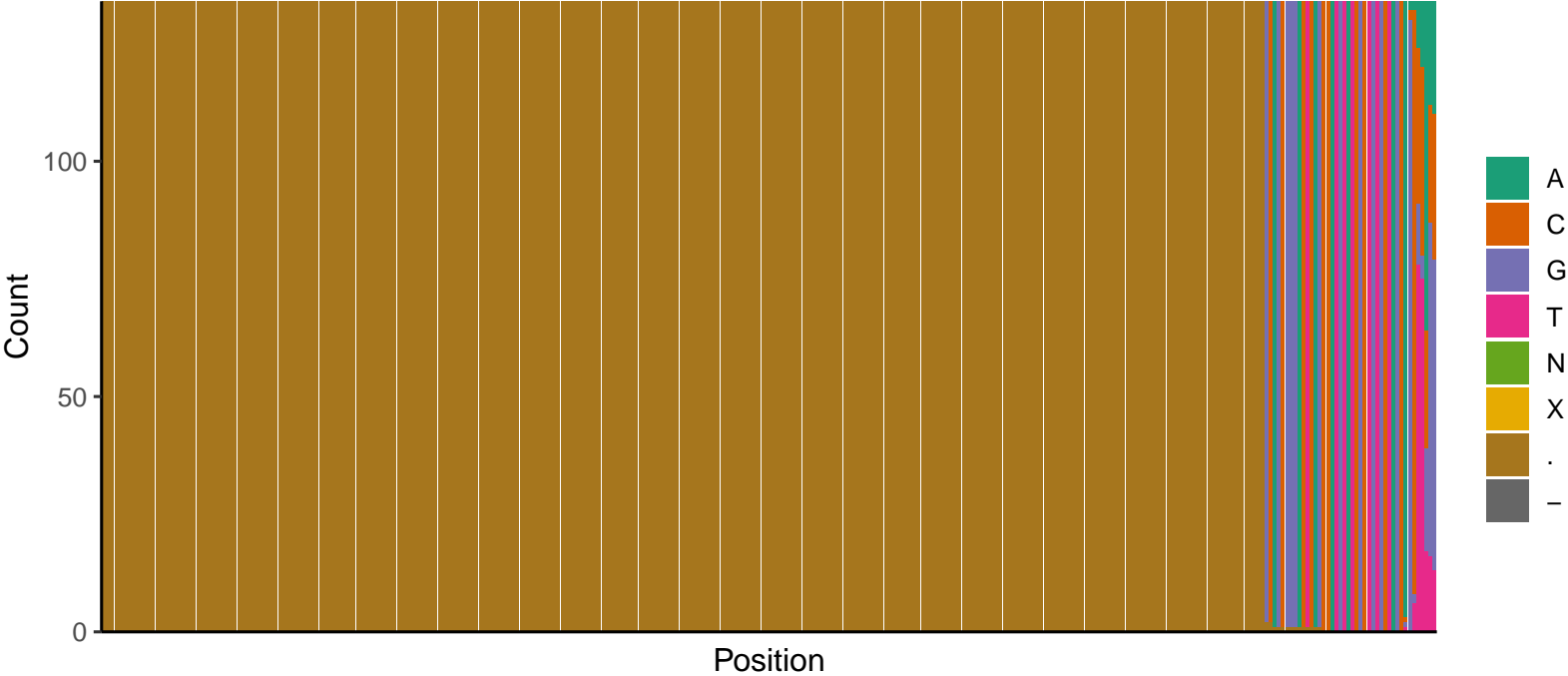
Gene TRBV7-7*ap01_C315T



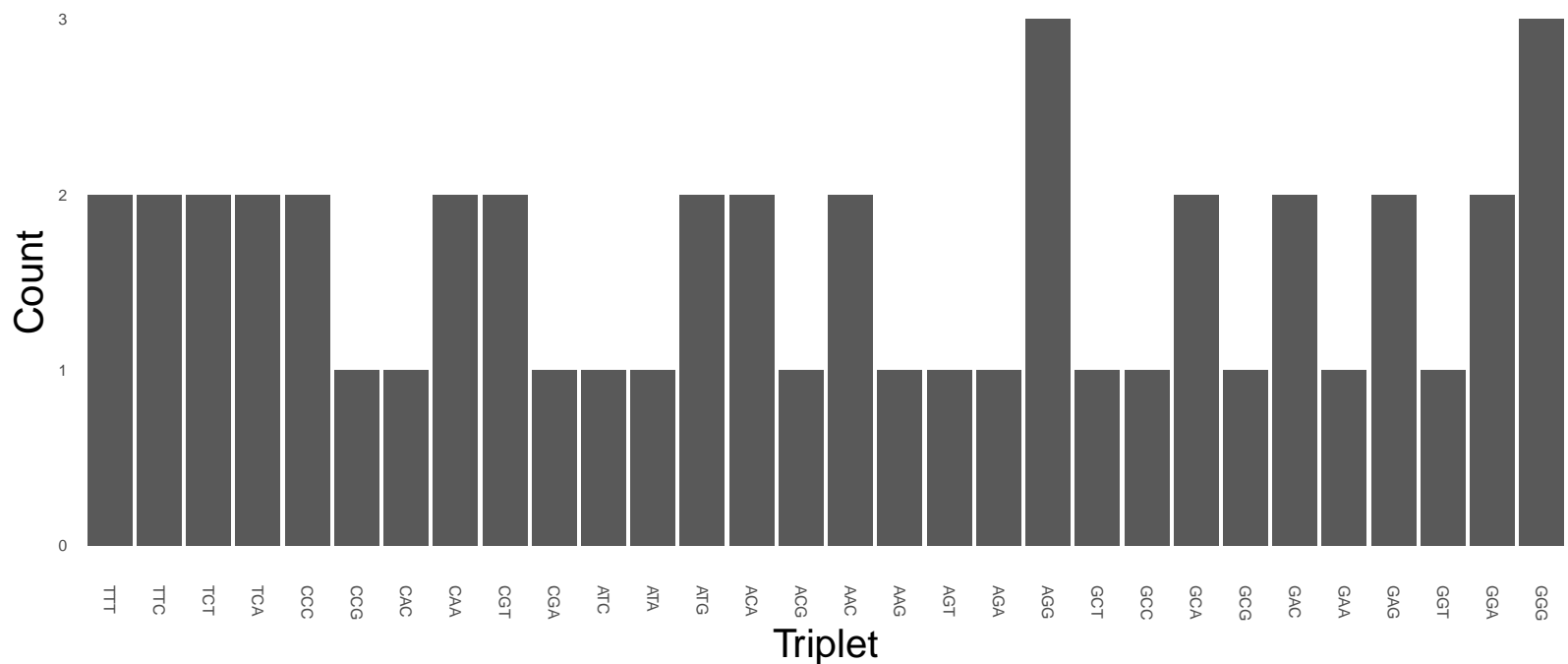
Gene TRBV7-1*ap01_T296C



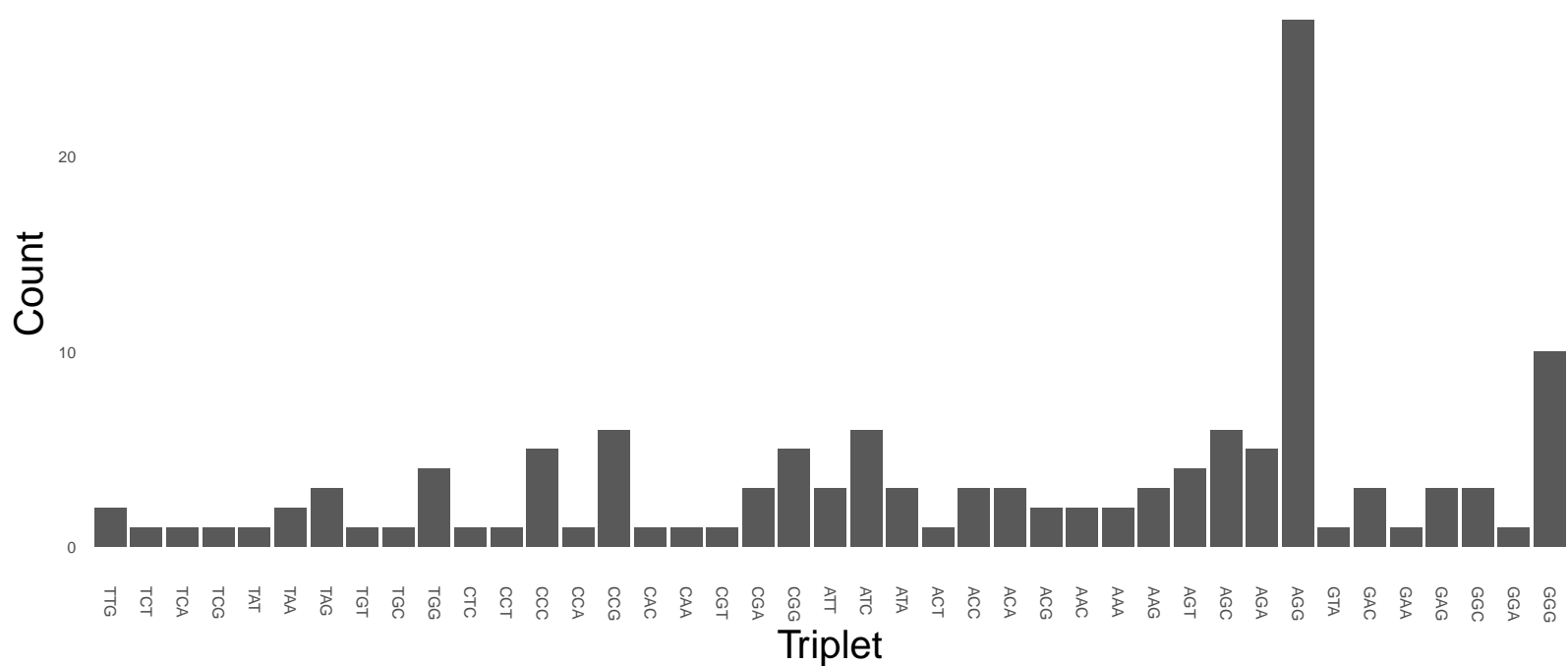
Gene TRBV7-7*ap01_C315T



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

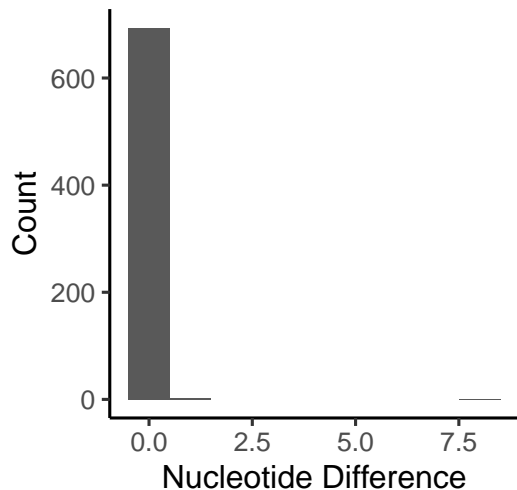


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



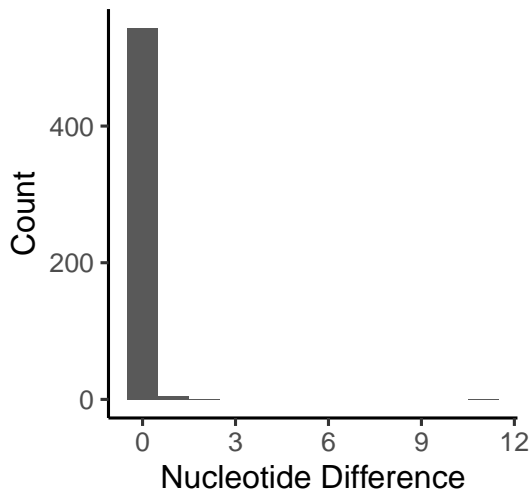
TRBV10–1*ap01

698 sequences assigned
694 (99.4%) exact matches, in which:
681 unique CDR3
13 unique J



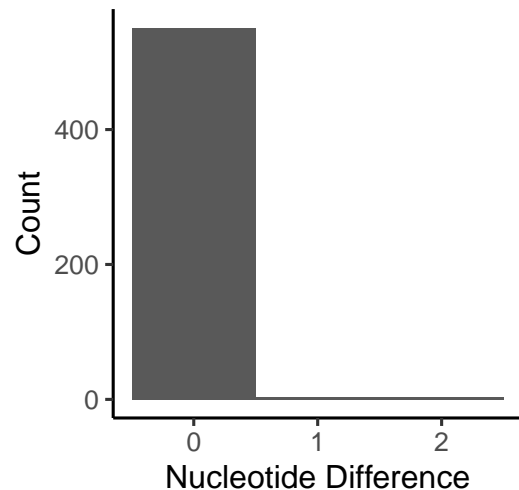
TRBV10–2*ap01

551 sequences assigned
544 (98.7%) exact matches, in which:
537 unique CDR3
13 unique J



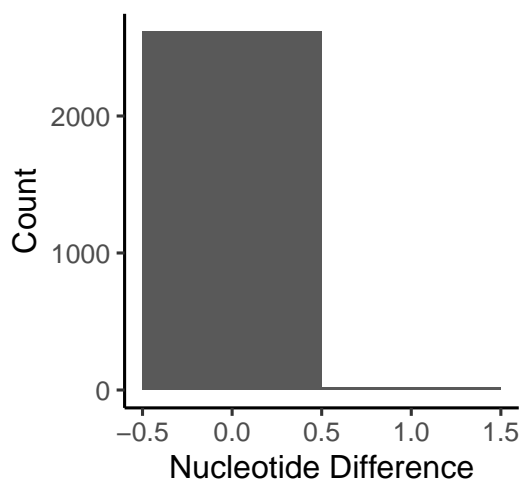
TRBV13*ap01

559 sequences assigned
551 (98.6%) exact matches, in which:
535 unique CDR3
13 unique J



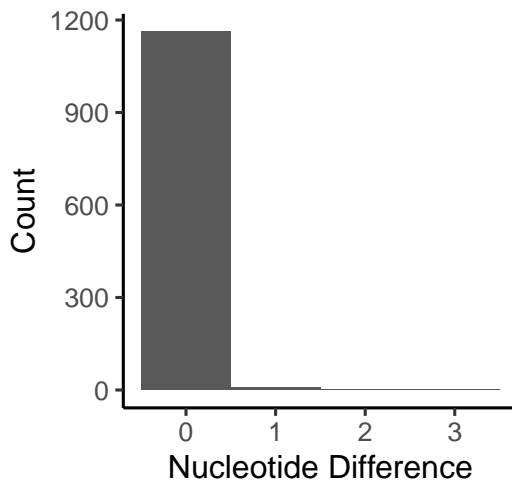
TRBV20–1*ap01

2636 sequences assigned
2615 (99.2%) exact matches, in which:
2589 unique CDR3
13 unique J



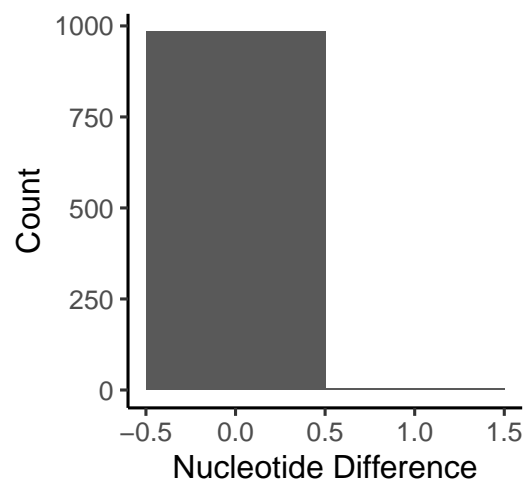
TRBV10–3*ap01

1171 sequences assigned
1162 (99.2%) exact matches, in which:
1140 unique CDR3
13 unique J



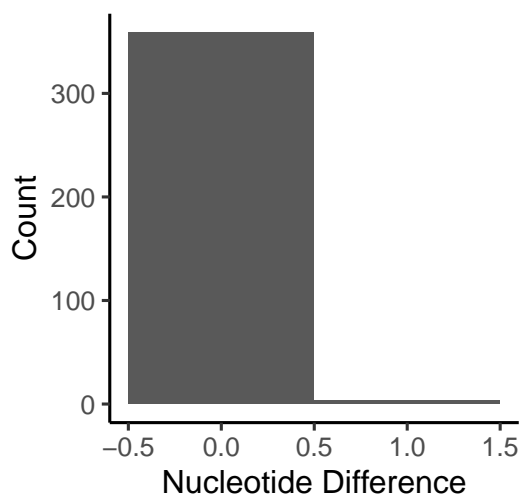
TRBV14*ap01

988 sequences assigned
984 (99.6%) exact matches, in which:
968 unique CDR3
13 unique J



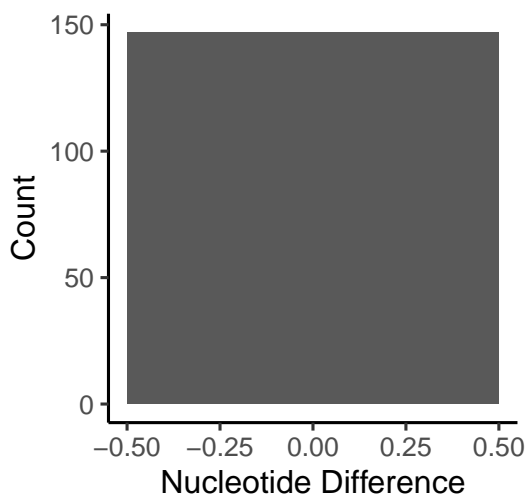
TRBV20–1*ap02

362 sequences assigned
359 (99.2%) exact matches, in which:
353 unique CDR3
13 unique J



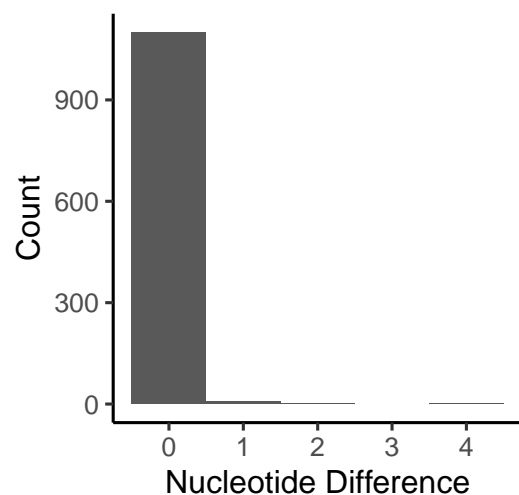
TRBV1*ap01

147 sequences assigned
147 (100%) exact matches, in which:
146 unique CDR3
13 unique J



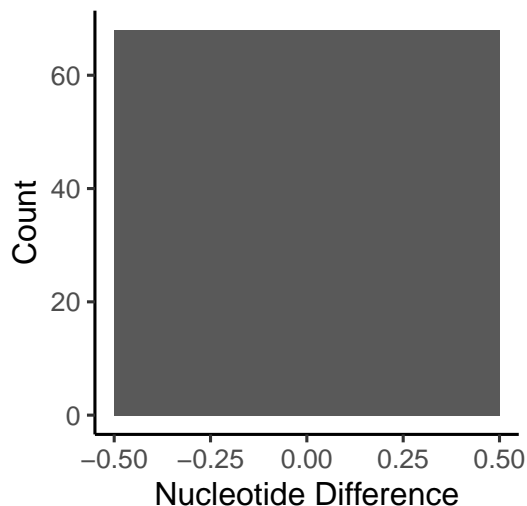
TRBV15*ap02

1109 sequences assigned
1100 (99.2%) exact matches, in which:
1075 unique CDR3
13 unique J



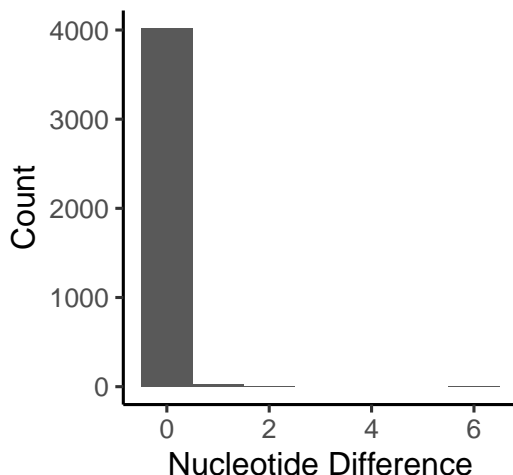
TRBV16*ap01

68 sequences assigned
68 (100%) exact matches, in which:
67 unique CDR3
13 unique J



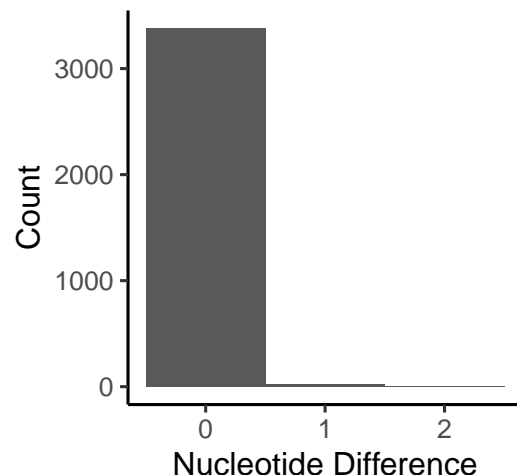
TRBV19*ap01

4051 sequences assigned
4018 (99.2%) exact matches, in which:
3973 unique CDR3
13 unique J



TRBV28*ap01

3401 sequences assigned
3379 (99.4%) exact matches, in which:
3310 unique CDR3
13 unique J



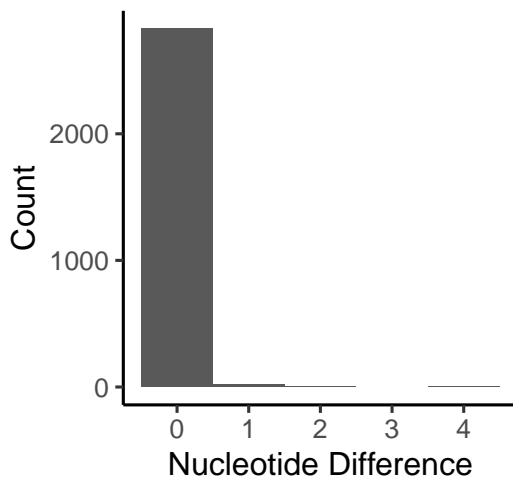
TRBV17*ap01

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



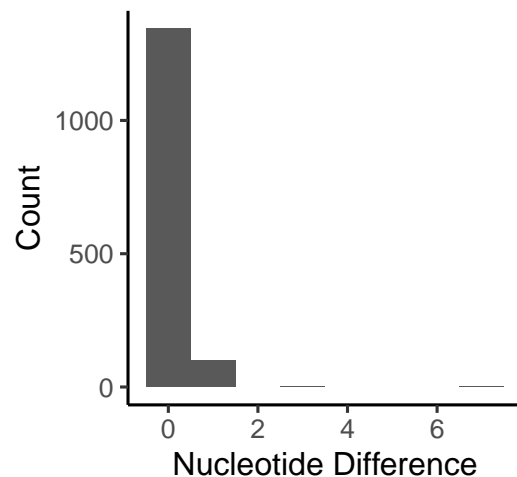
TRBV2*ap01

2850 sequences assigned
2830 (99.3%) exact matches, in which:
2772 unique CDR3
13 unique J



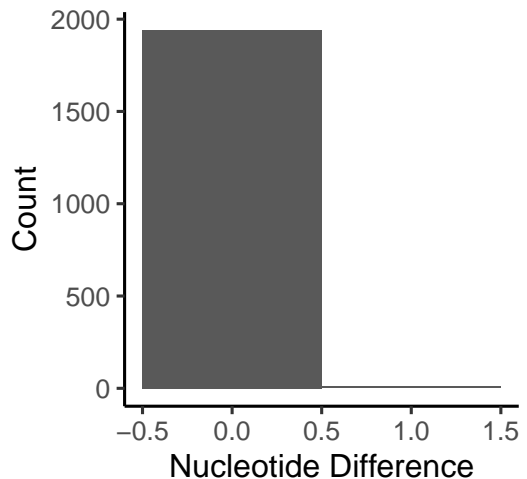
TRBV30*ap01

1444 sequences assigned
1344 (93.1%) exact matches, in which:
1308 unique CDR3
13 unique J



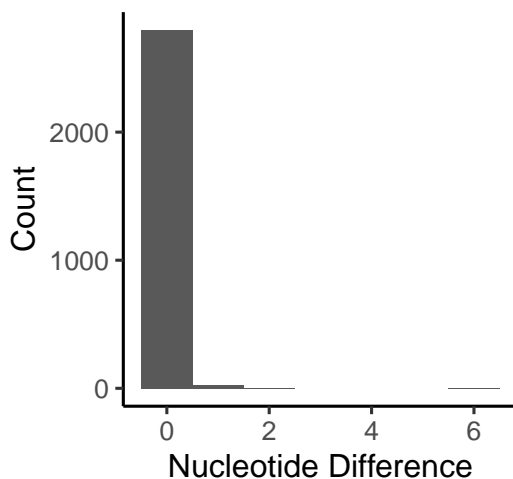
TRBV18*ap01

1951 sequences assigned
1941 (99.5%) exact matches, in which:
1912 unique CDR3
13 unique J



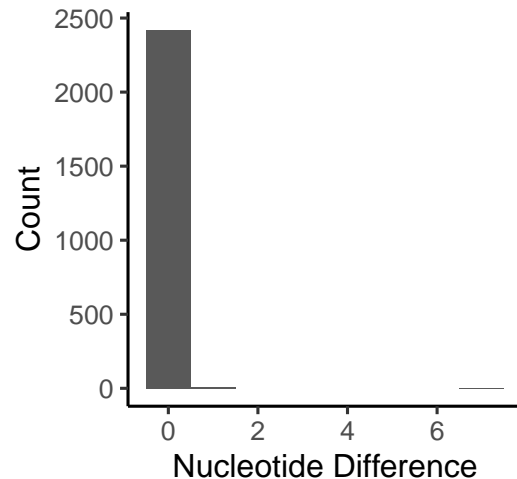
TRBV27*ap01

2825 sequences assigned
2797 (99%) exact matches, in which:
2743 unique CDR3
13 unique J



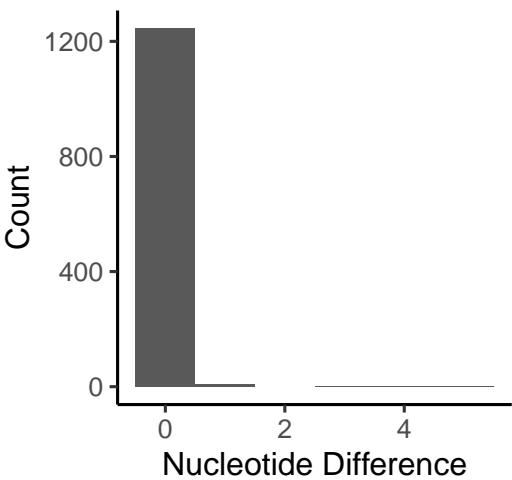
TRBV9*ap01

2428 sequences assigned
2419 (99.6%) exact matches, in which:
2395 unique CDR3
13 unique J



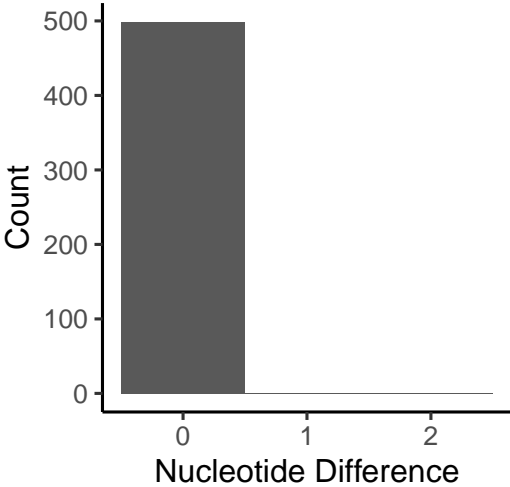
TRBV21-1*ap01

1260 sequences assigned
1245 (98.8%) exact matches, in which:
1236 unique CDR3
13 unique J



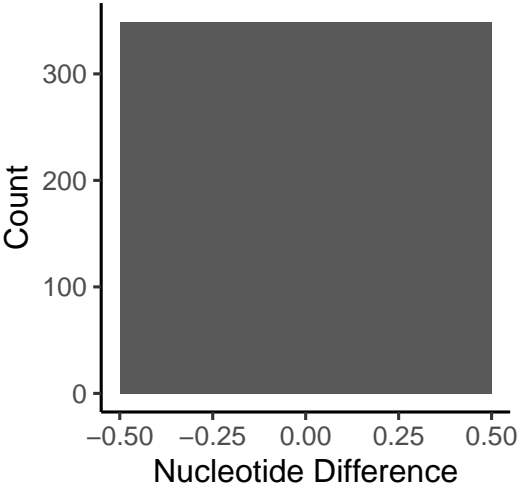
TRBV11-3*ap01

501 sequences assigned
499 (99.6%) exact matches, in which:
497 unique CDR3
13 unique J



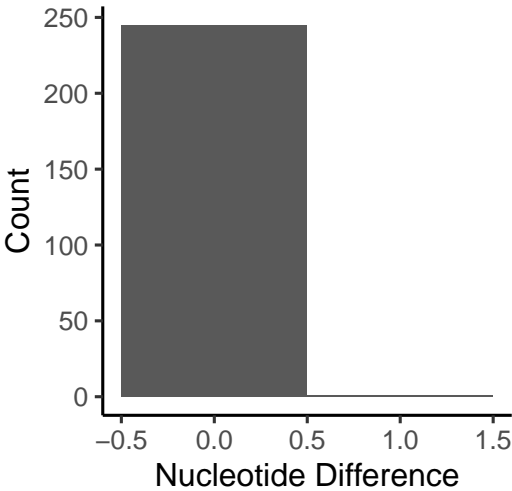
TRBV12-5*ap01

349 sequences assigned
349 (100%) exact matches, in which:
343 unique CDR3
13 unique J



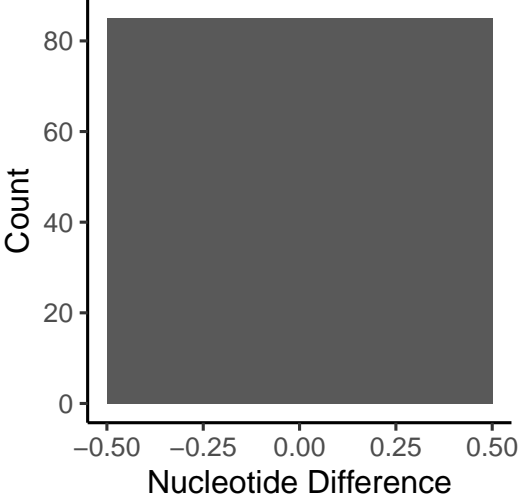
TRBV11-1*ap01

246 sequences assigned
245 (99.6%) exact matches, in which:
245 unique CDR3
13 unique J



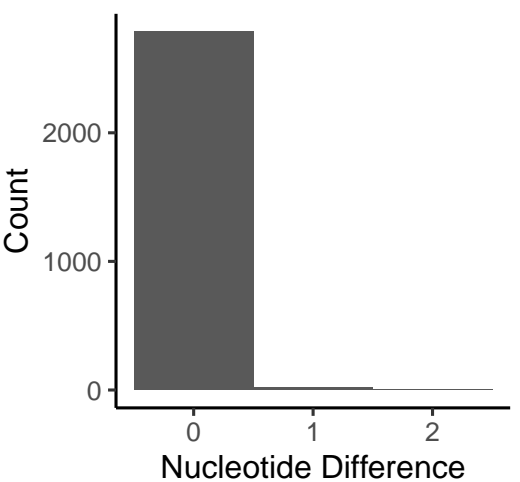
TRBV12-1*ap01

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



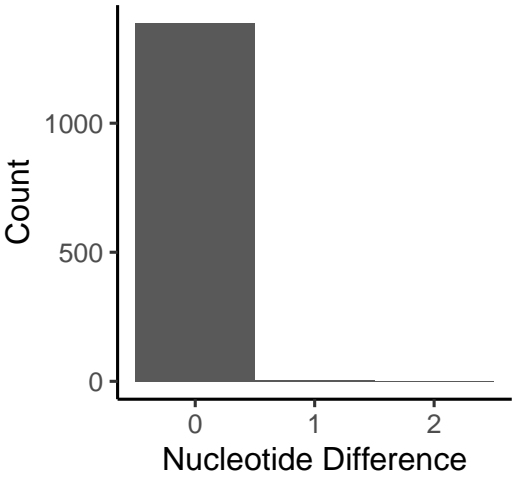
TRBV12-34*ap01

2804 sequences assigned
2786 (99.4%) exact matches, in which:
2748 unique CDR3
13 unique J



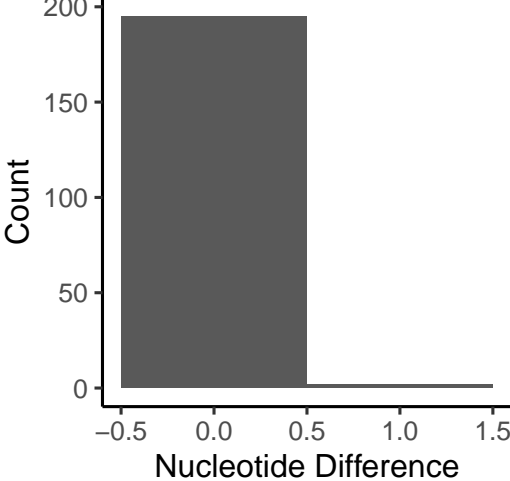
TRBV11-2*ap01

1394 sequences assigned
1388 (99.6%) exact matches, in which:
1379 unique CDR3
13 unique J



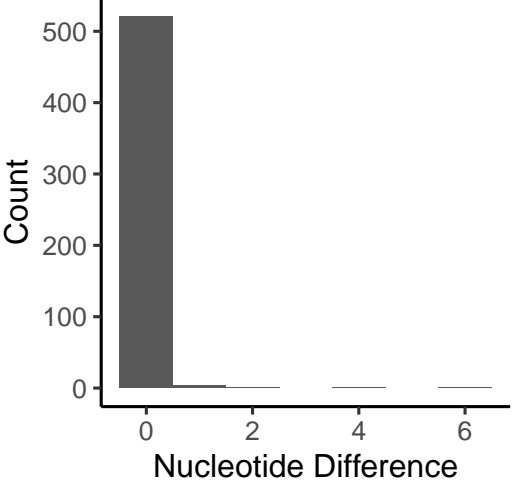
TRBV12-2*ap01

197 sequences assigned
195 (99%) exact matches, in which:
191 unique CDR3
13 unique J



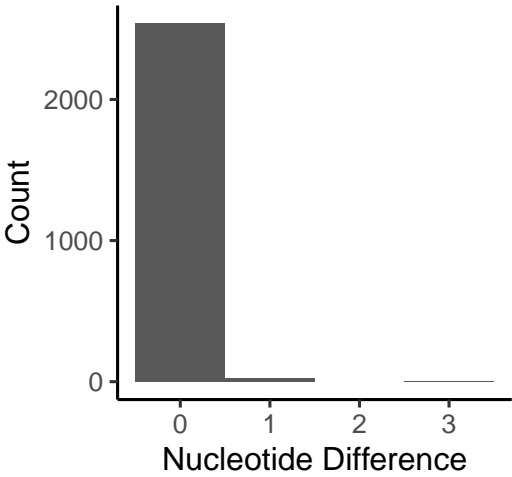
TRBV23-1*ap01

527 sequences assigned
521 (98.9%) exact matches, in which:
514 unique CDR3
13 unique J



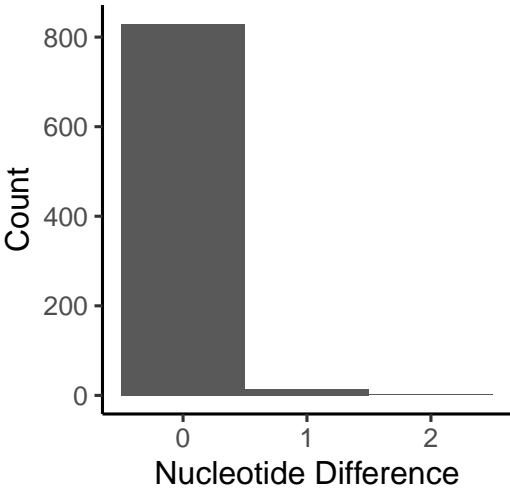
TRBV3-12*ap01

2563 sequences assigned
2539 (99.1%) exact matches, in which:
2505 unique CDR3
13 unique J



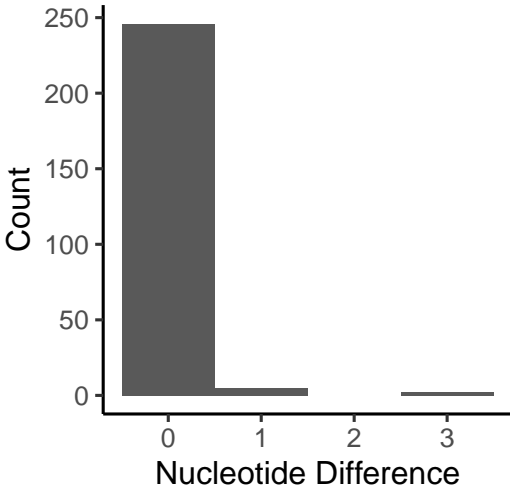
TRBV4-2*ap01

846 sequences assigned
830 (98.1%) exact matches, in which:
812 unique CDR3
13 unique J



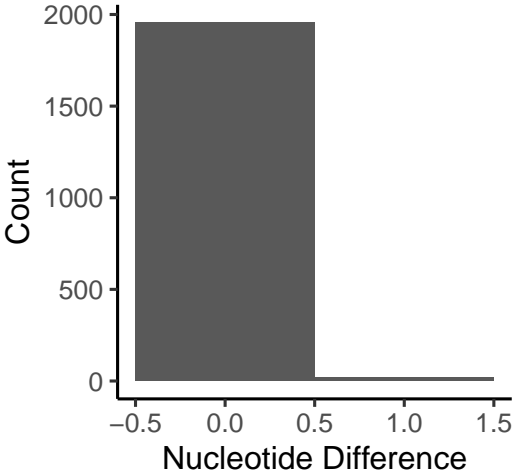
TRBV5-3*ap01

253 sequences assigned
246 (97.2%) exact matches, in which:
239 unique CDR3
13 unique J



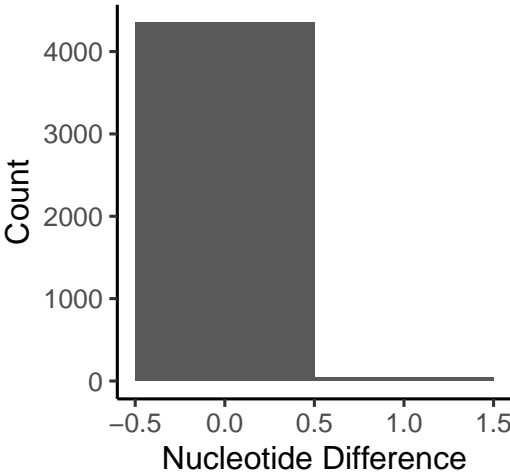
TRBV4-1*ap01

1974 sequences assigned
1955 (99%) exact matches, in which:
1913 unique CDR3
13 unique J



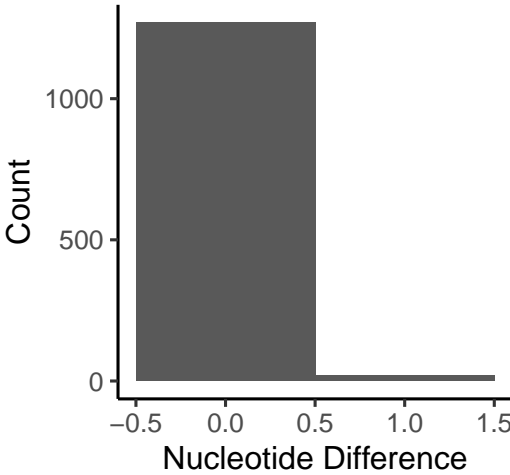
TRBV5-1*ap01

4387 sequences assigned
4350 (99.2%) exact matches, in which:
4246 unique CDR3
13 unique J



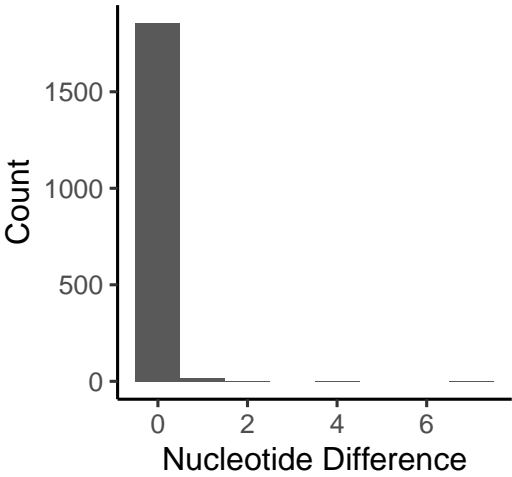
TRBV5-4*ap01

1287 sequences assigned
1269 (98.6%) exact matches, in which:
1243 unique CDR3
13 unique J



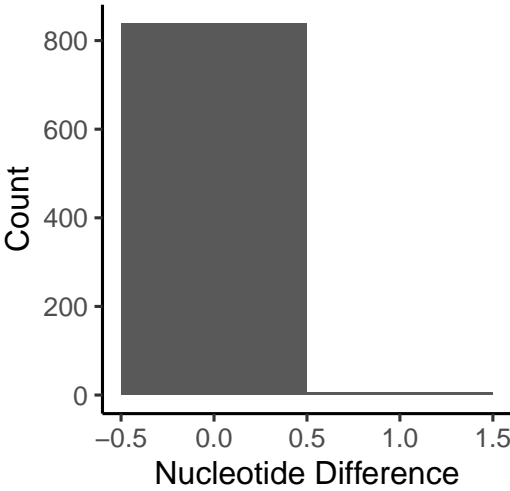
TRBV24-1*ap01

1876 sequences assigned
1856 (98.9%) exact matches, in which:
1815 unique CDR3
13 unique J



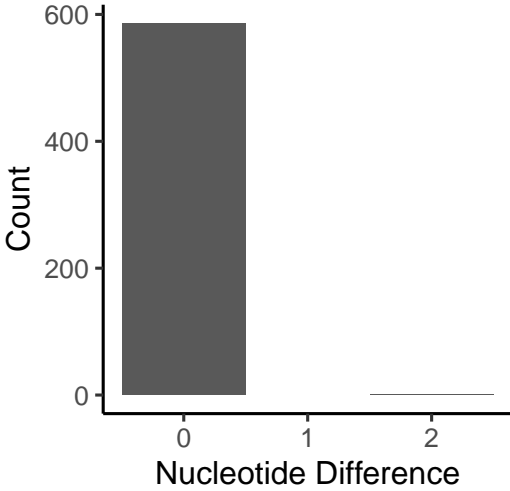
TRBV25-1*ap01

844 sequences assigned
839 (99.4%) exact matches, in which:
824 unique CDR3
13 unique J



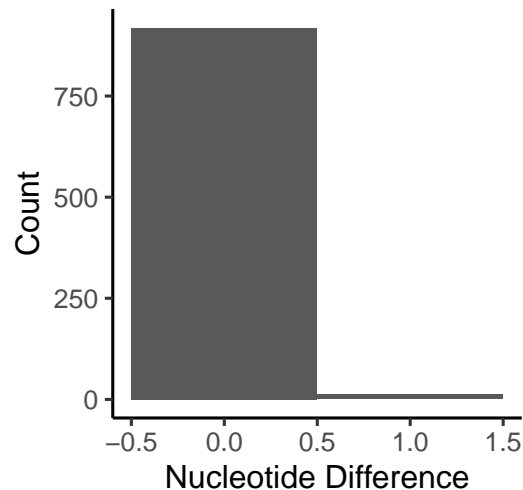
TRBV5-5*ap01

587 sequences assigned
586 (99.8%) exact matches, in which:
579 unique CDR3
13 unique J



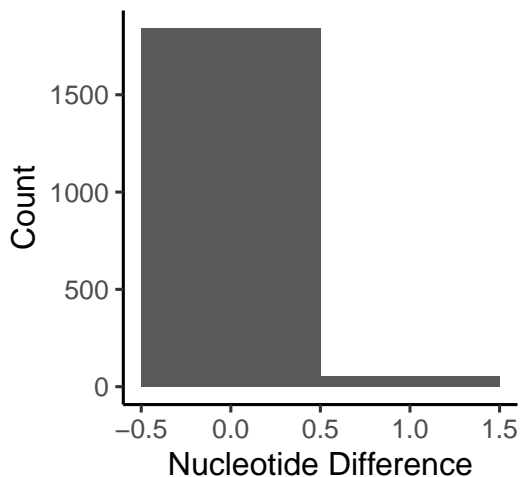
TRBV5-6*ap01

931 sequences assigned
919 (98.7%) exact matches, in which:
896 unique CDR3
13 unique J



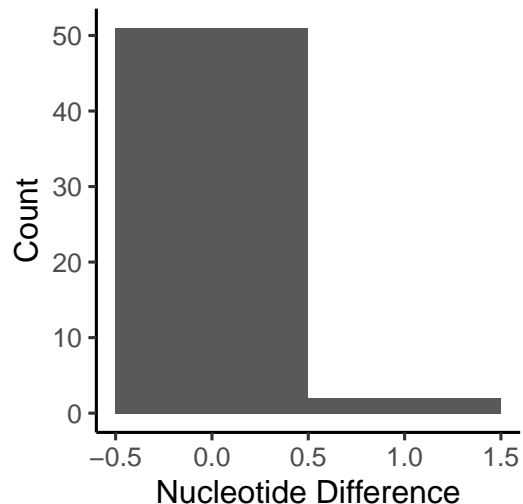
TRBV6-1*ap01

1896 sequences assigned
1841 (97.1%) exact matches, in which:
1804 unique CDR3
13 unique J



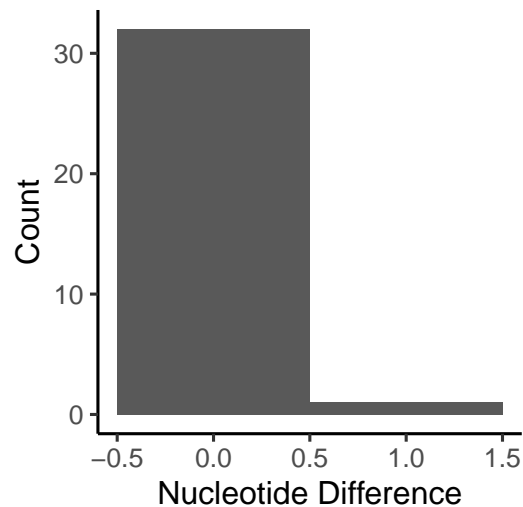
TRBV6-8*ap01

53 sequences assigned
51 (96.2%) exact matches, in which:
50 unique CDR3
12 unique J



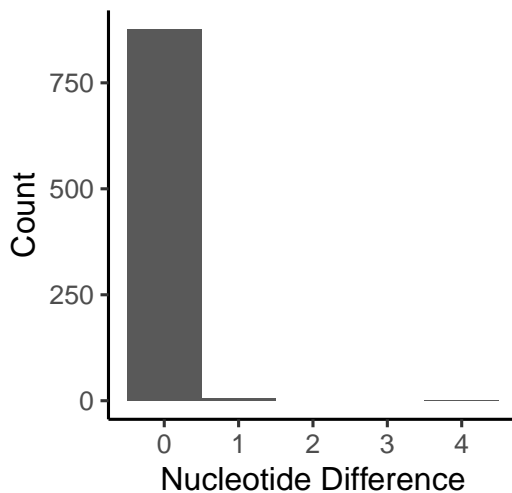
TRBV5-7*ap01

33 sequences assigned
32 (97%) exact matches, in which:
32 unique CDR3
9 unique J



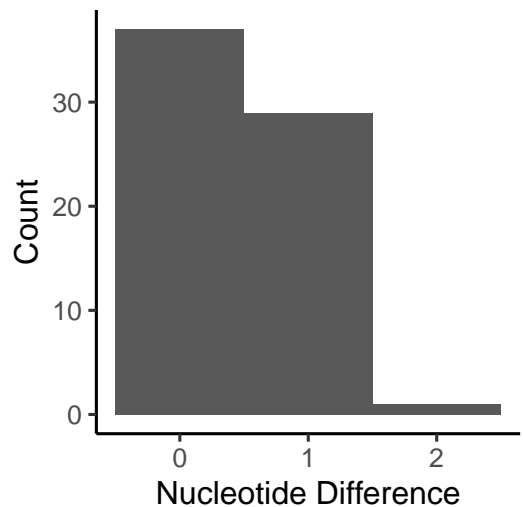
TRBV6-4*ap01

884 sequences assigned
877 (99.2%) exact matches, in which:
863 unique CDR3
13 unique J



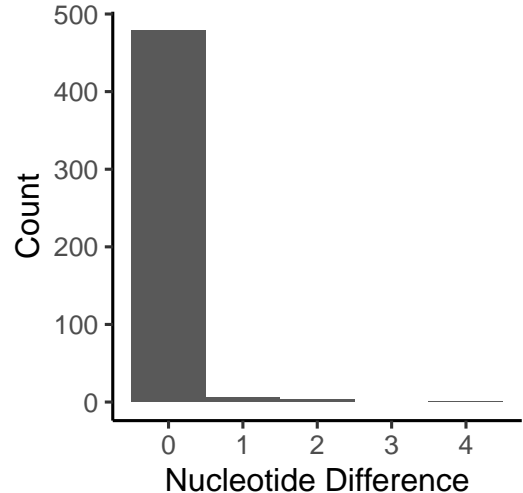
TRBV6-9*ap01

67 sequences assigned
37 (55.2%) exact matches, in which:
35 unique CDR3
10 unique J



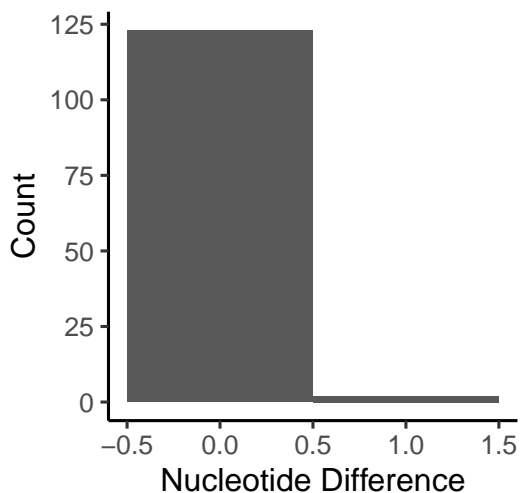
TRBV5-8*ap01

489 sequences assigned
479 (98%) exact matches, in which:
467 unique CDR3
13 unique J



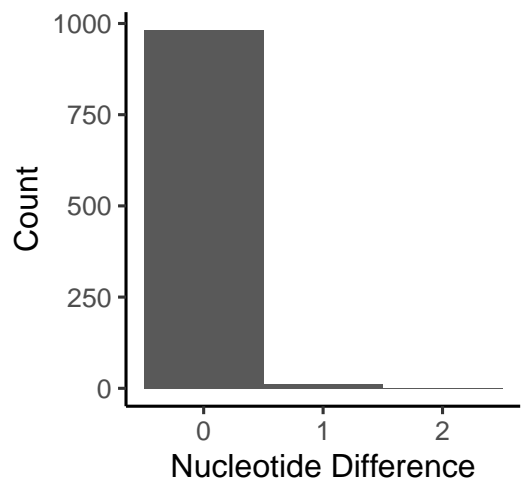
TRBV6-7*ap01

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



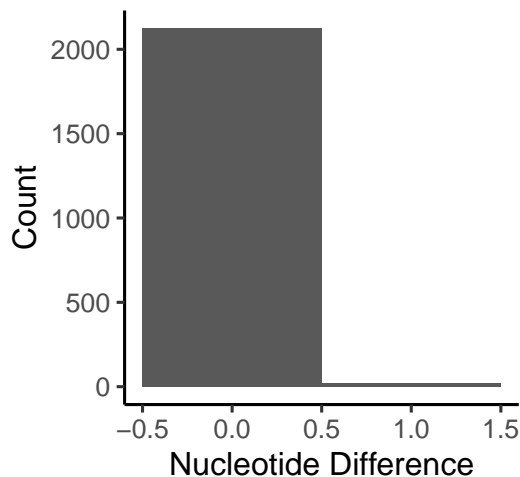
TRBV6-23*ap01

995 sequences assigned
982 (98.7%) exact matches, in which:
959 unique CDR3
13 unique J



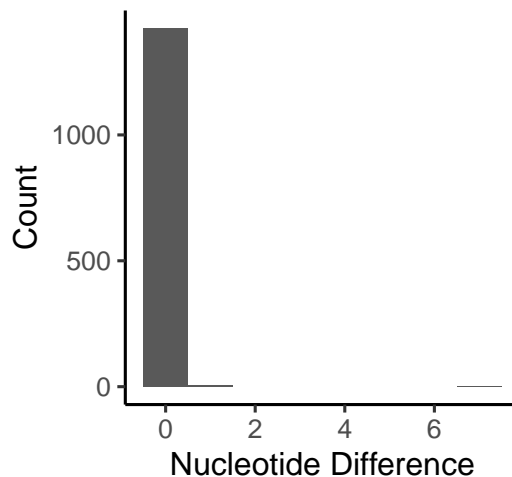
TRBV6-56*ap01

2143 sequences assigned
2124 (99.1%) exact matches, in which:
2067 unique CDR3
13 unique J



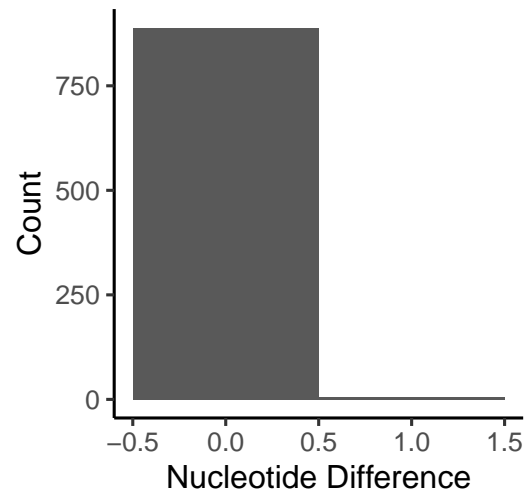
TRBV7-2*ap01

1431 sequences assigned
1423 (99.4%) exact matches, in which:
1395 unique CDR3
13 unique J



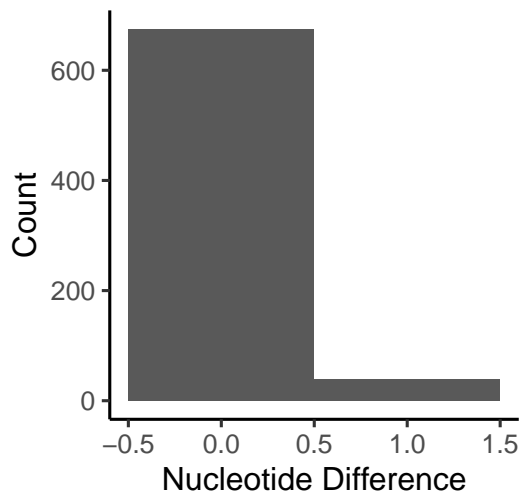
TRBV7-6*ap01

895 sequences assigned
889 (99.3%) exact matches, in which:
868 unique CDR3
13 unique J



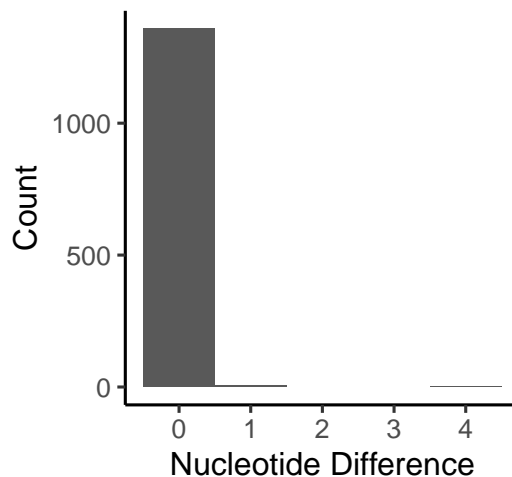
TRBV6-56*ap02

714 sequences assigned
675 (94.5%) exact matches, in which:
667 unique CDR3
13 unique J



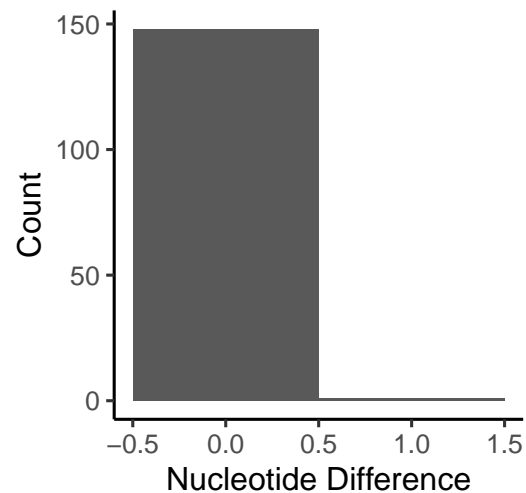
TRBV7-3*ap01

1364 sequences assigned
1358 (99.6%) exact matches, in which:
1342 unique CDR3
13 unique J



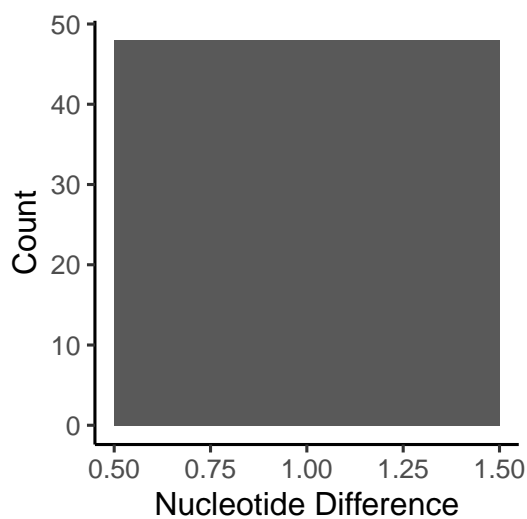
TRBV7-7*ap01

149 sequences assigned
148 (99.3%) exact matches, in which:
146 unique CDR3
12 unique J



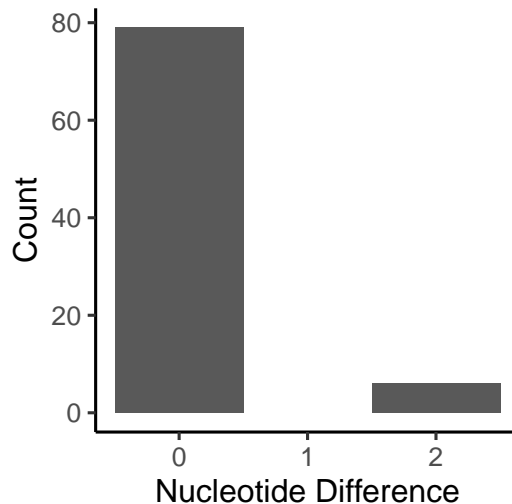
TRBV7-1*ap01_T296C

48 sequences assigned
No exact matches.



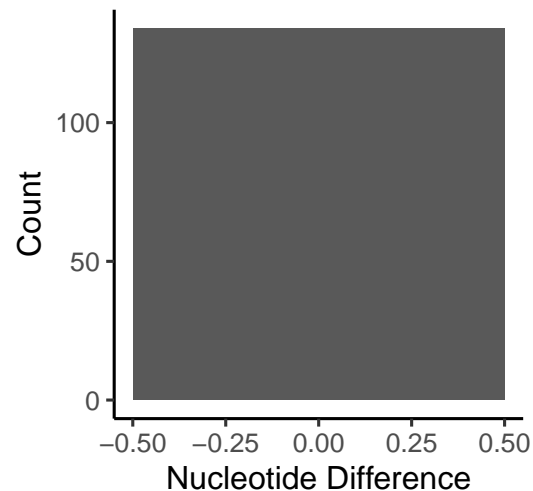
TRBV7-4*ap01

85 sequences assigned
79 (92.9%) exact matches, in which:
77 unique CDR3
12 unique J



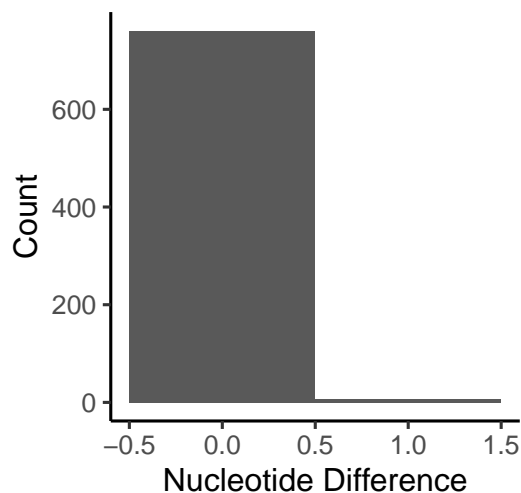
TRBV7-7*ap01_C315T

134 sequences assigned
134 (100%) exact matches, in which:
133 unique CDR3
11 unique J



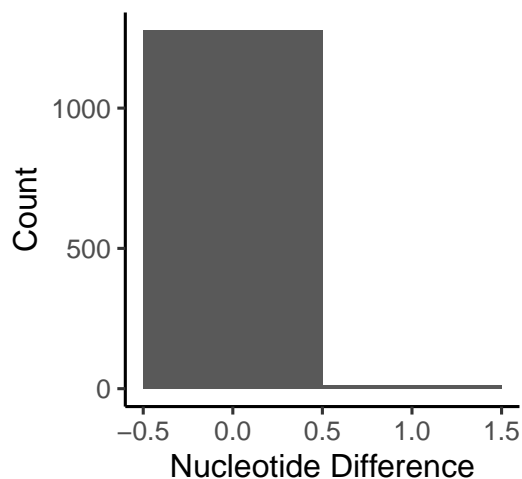
TRBV7-8*ap01

768 sequences assigned
761 (99.1%) exact matches, in which:
746 unique CDR3
13 unique J



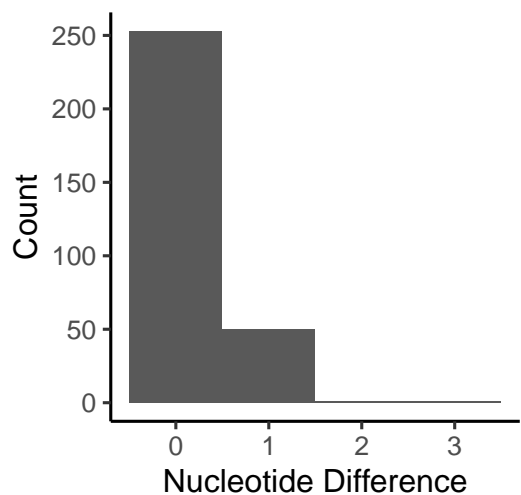
TRBV29-1*ap01

1290 sequences assigned
1277 (99%) exact matches, in which:
1239 unique CDR3
13 unique J



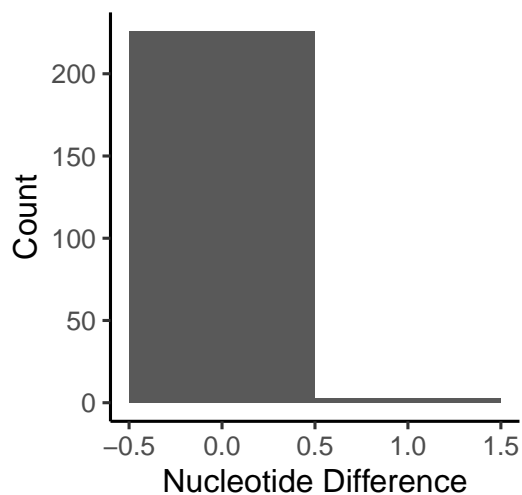
TRBV7-8*ap03

305 sequences assigned
253 (83%) exact matches, in which:
245 unique CDR3
13 unique J



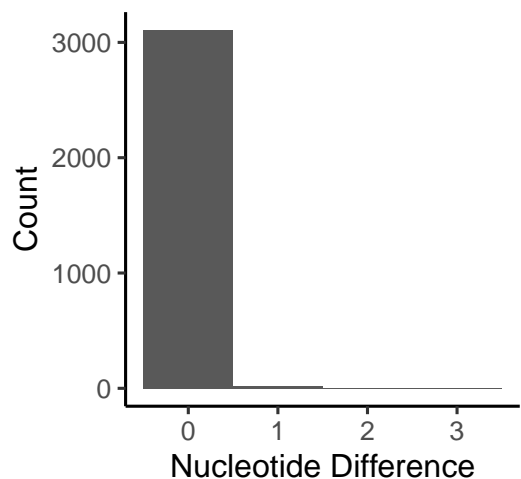
TRBV29-1*ap02

229 sequences assigned
226 (98.7%) exact matches, in which:
221 unique CDR3
13 unique J

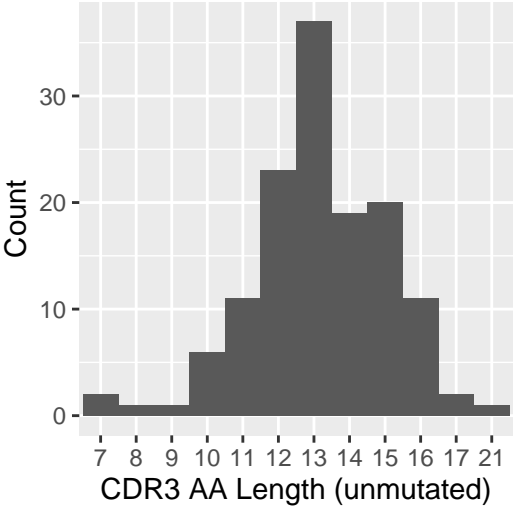


TRBV7-9*ap01

3131 sequences assigned
3107 (99.2%) exact matches, in which:
3054 unique CDR3
13 unique J



TRBV7-7*ap01_C315T





[illegible]