

Gene TRBV7-1*ap01_T296C_C314T



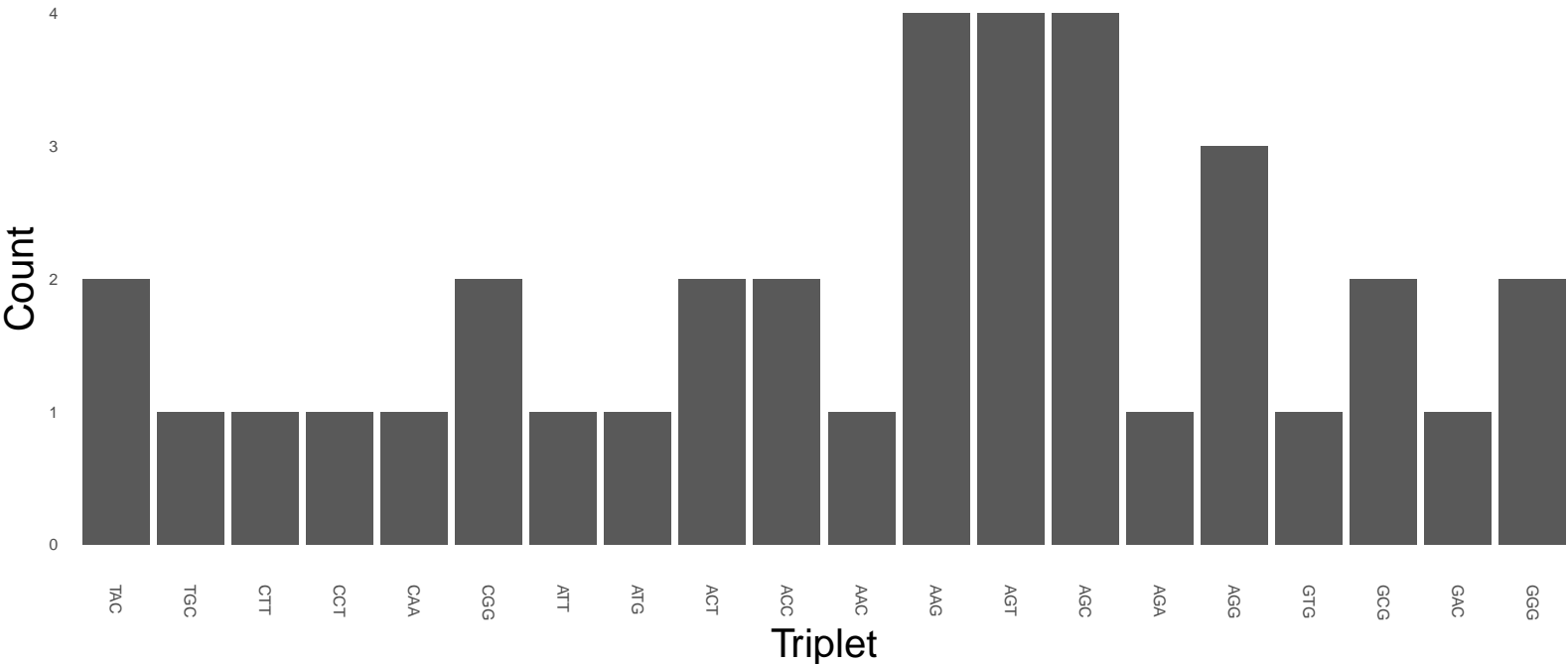
Gene TRBV7-1*ap01_T296C



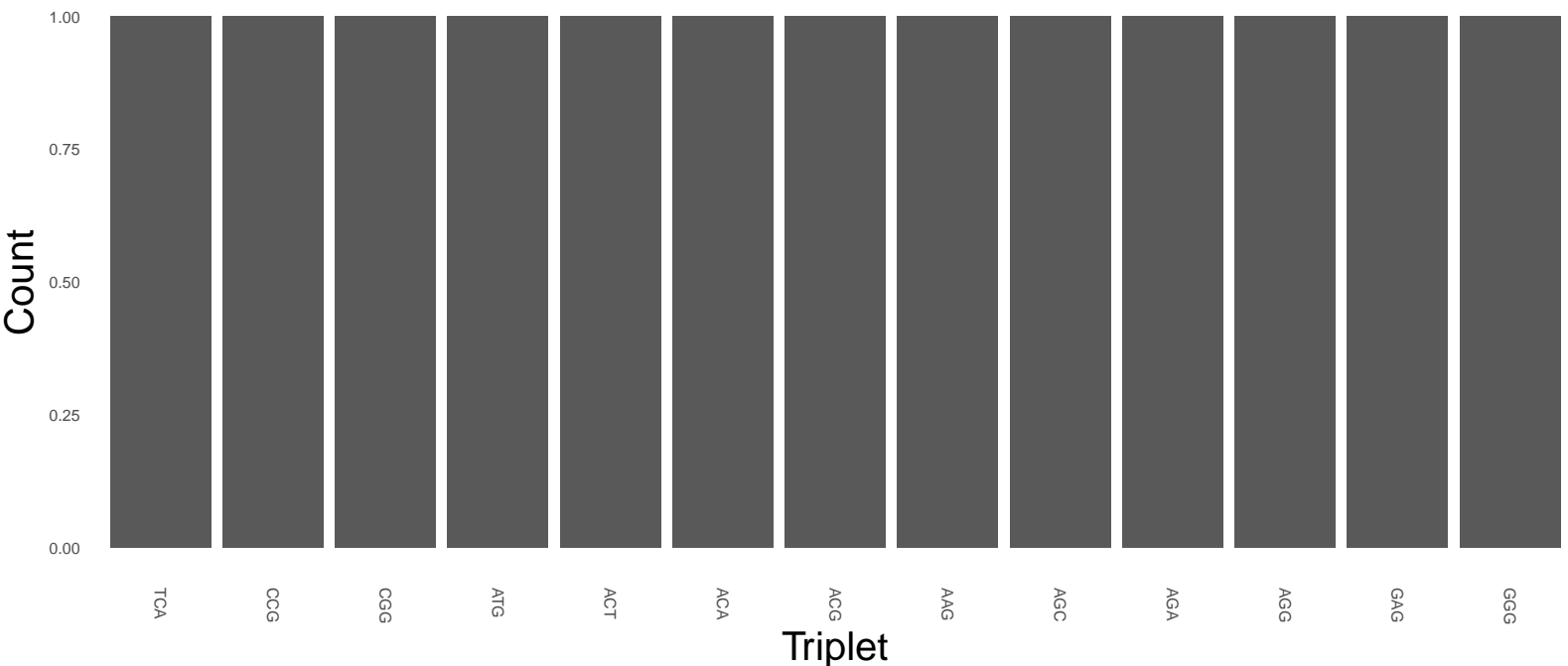
Gene TRBV7-7*ap01_C315T



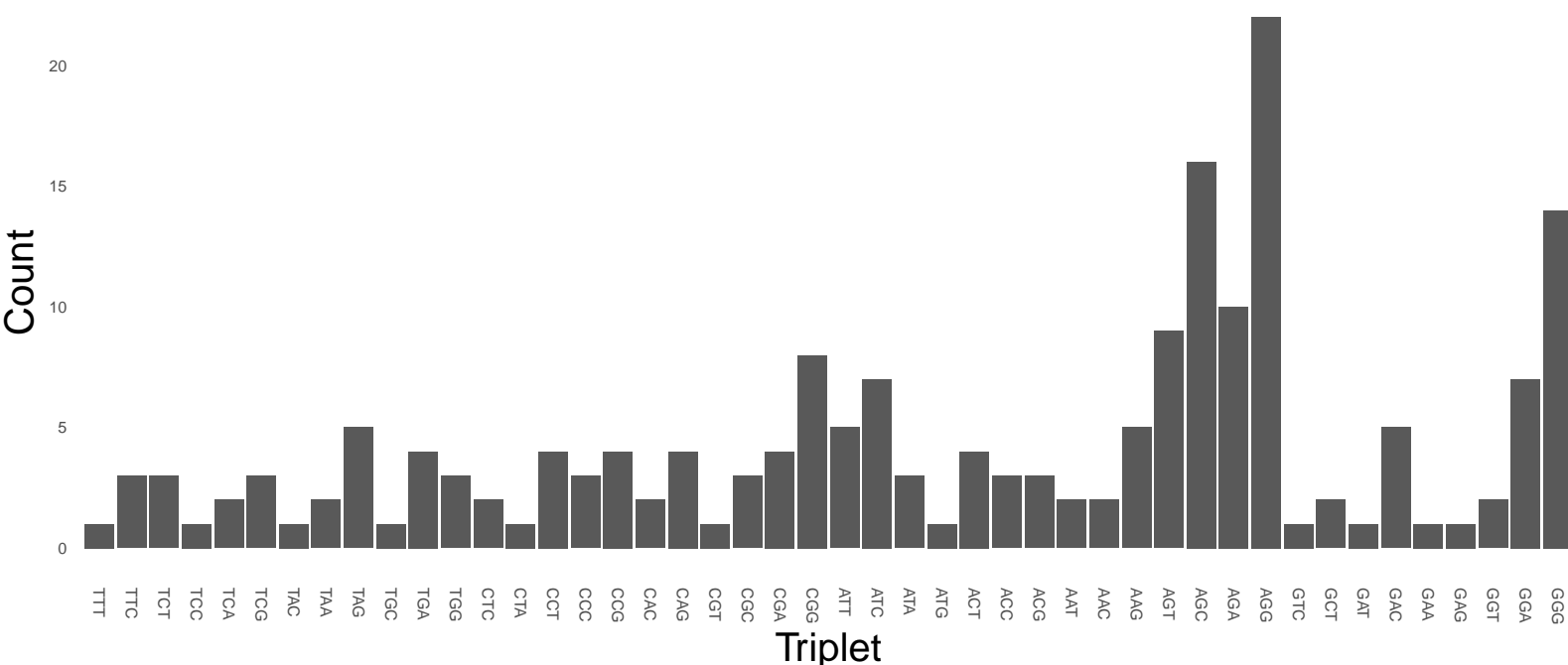
TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



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

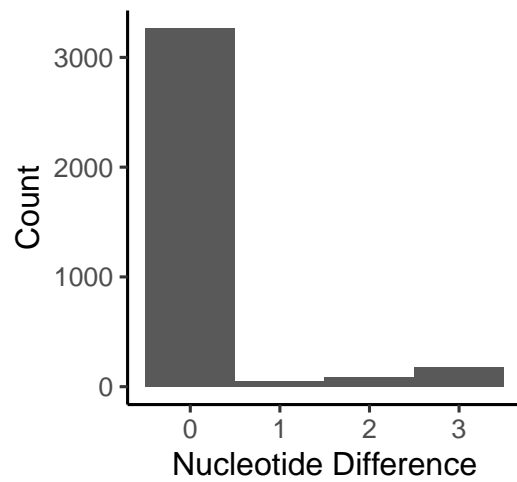


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



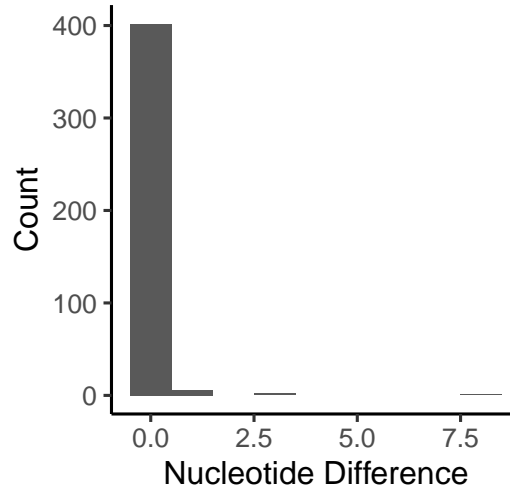
TRBV20-1*ap01

3572 sequences assigned
3264 (91.4%) exact matches, in which:
3174 unique CDR3
13 unique J



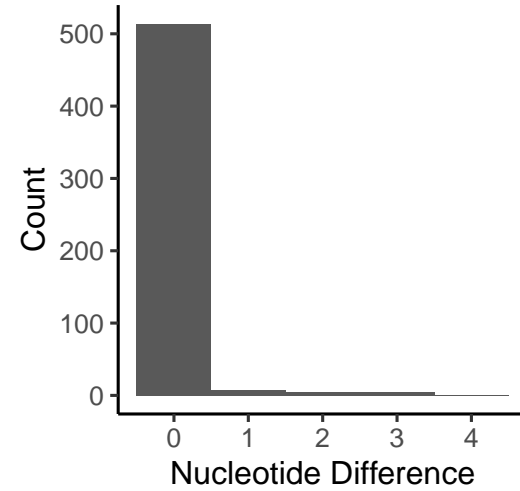
TRBV10-2*ap01

411 sequences assigned
402 (97.8%) exact matches, in which:
396 unique CDR3
13 unique J



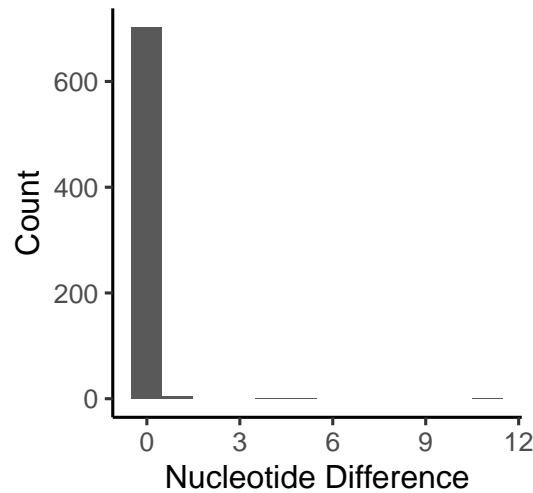
TRBV13*ap01

533 sequences assigned
514 (96.4%) exact matches, in which:
499 unique CDR3
13 unique J



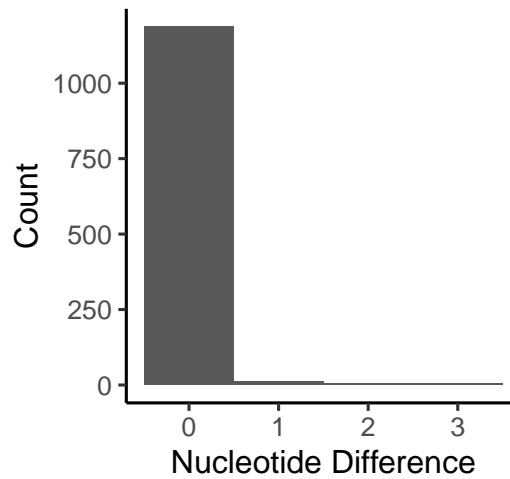
TRBV10-1*ap01

711 sequences assigned
703 (98.9%) exact matches, in which:
687 unique CDR3
13 unique J



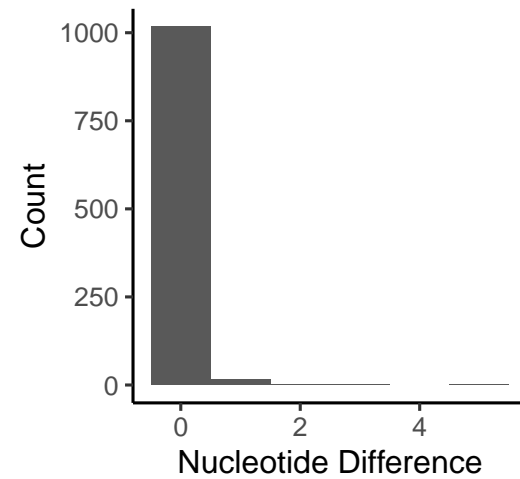
TRBV10-3*ap01

1207 sequences assigned
1187 (98.3%) exact matches, in which:
1162 unique CDR3
13 unique J



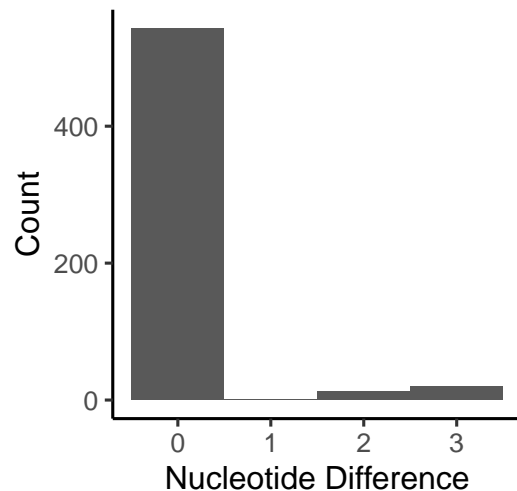
TRBV14*ap01

1036 sequences assigned
1017 (98.2%) exact matches, in which:
1002 unique CDR3
13 unique J



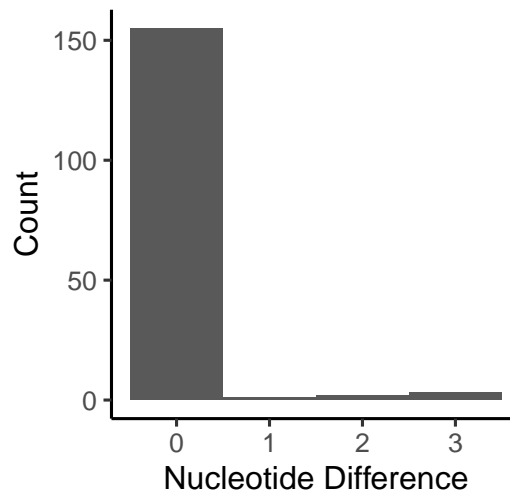
TRBV20-1*ap02

576 sequences assigned
543 (94.3%) exact matches, in which:
532 unique CDR3
13 unique J



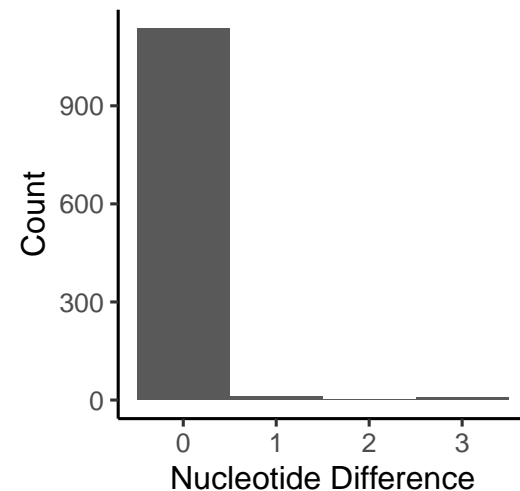
TRBV1*ap01

161 sequences assigned
155 (96.3%) exact matches, in which:
151 unique CDR3
12 unique J



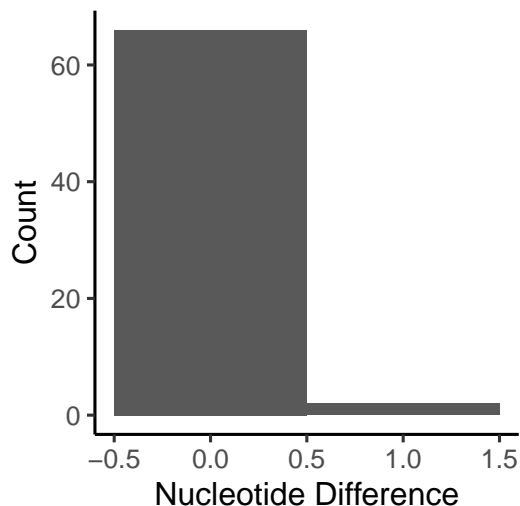
TRBV15*ap02

1160 sequences assigned
1137 (98%) exact matches, in which:
1121 unique CDR3
13 unique J



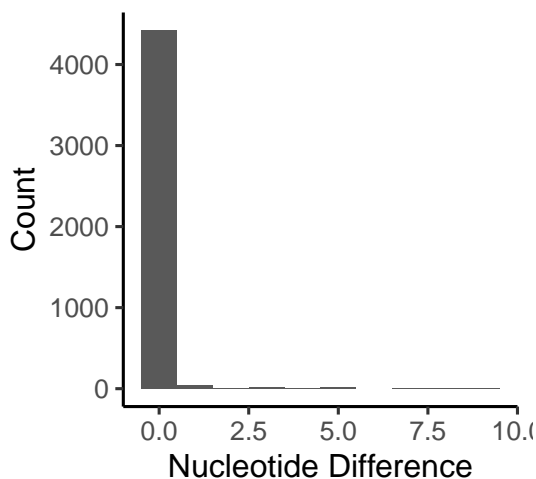
TRBV16*ap01

68 sequences assigned
66 (97.1%) exact matches, in which:
66 unique CDR3
11 unique J



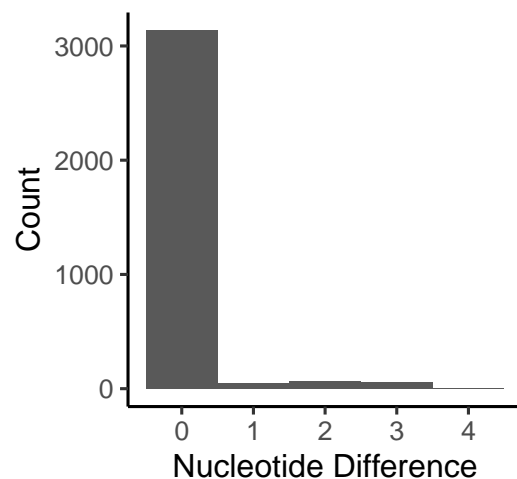
TRBV19*ap01

4528 sequences assigned
4421 (97.6%) exact matches, in which:
4356 unique CDR3
13 unique J



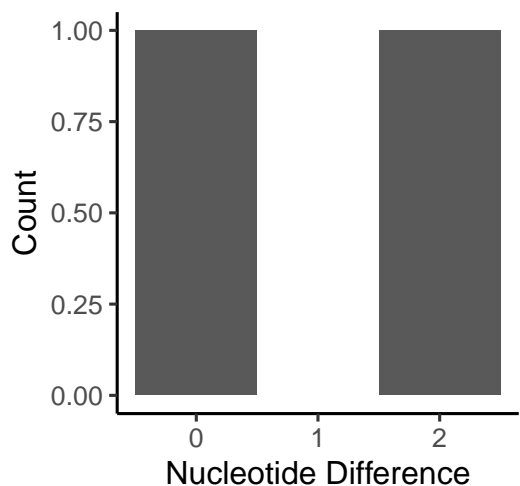
TRBV27*ap01

3306 sequences assigned
3136 (94.9%) exact matches, in which:
3090 unique CDR3
13 unique J



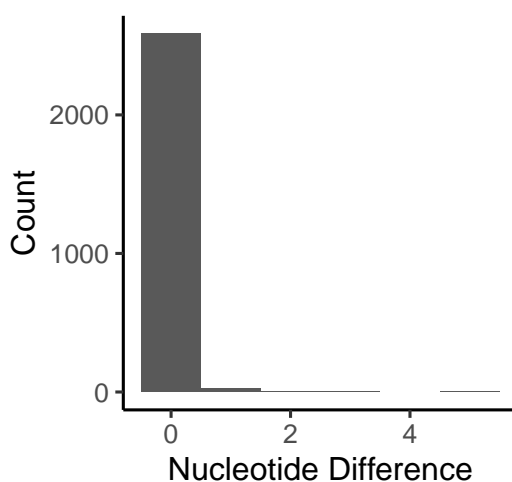
TRBV17*ap01

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



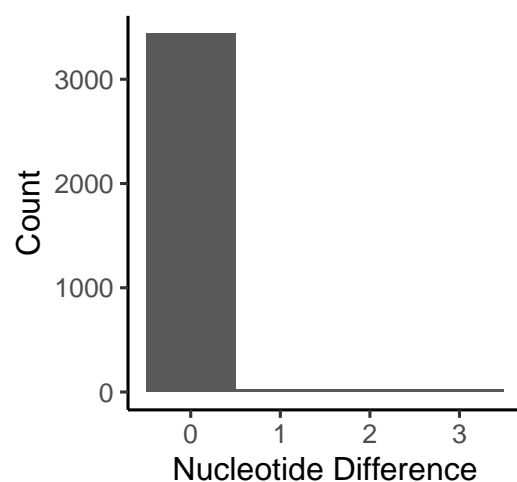
TRBV2*ap01

2620 sequences assigned
2586 (98.7%) exact matches, in which:
2556 unique CDR3
13 unique J



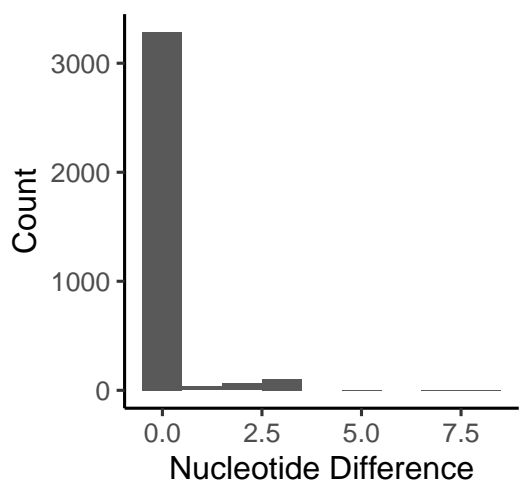
TRBV28*ap01

3511 sequences assigned
3437 (97.9%) exact matches, in which:
3374 unique CDR3
13 unique J



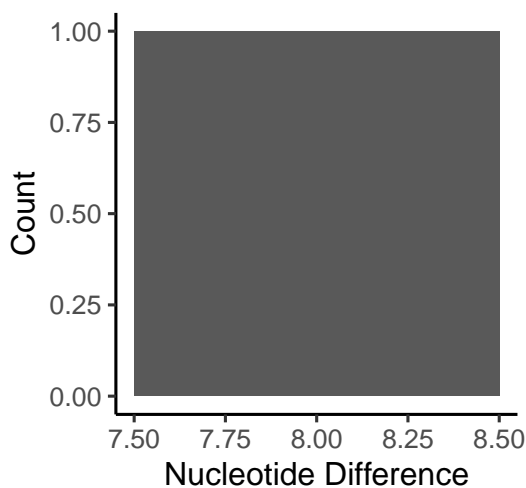
TRBV18*ap01

3490 sequences assigned
3286 (94.2%) exact matches, in which:
3210 unique CDR3
13 unique J



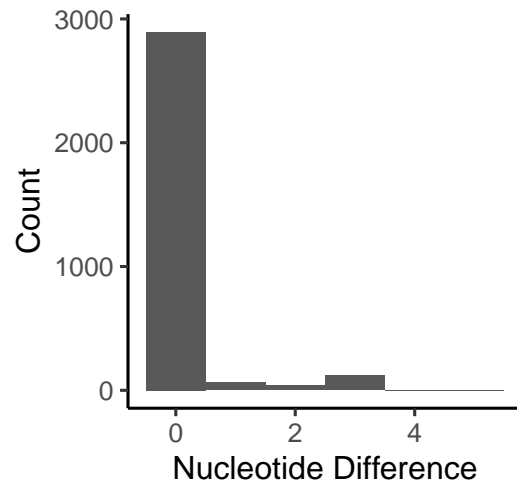
TRBV26*ap01

1 sequences assigned
No exact matches.



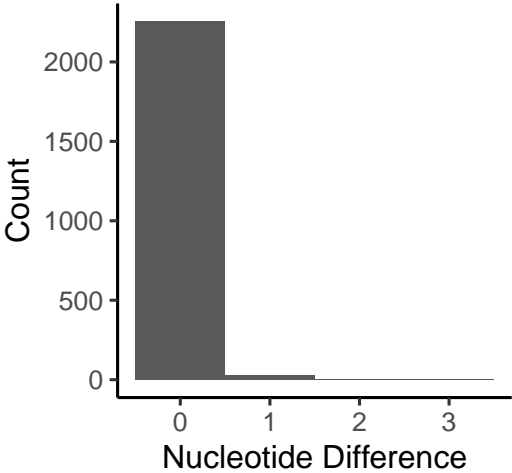
TRBV30*ap01

3119 sequences assigned
2894 (92.8%) exact matches, in which:
2827 unique CDR3
13 unique J



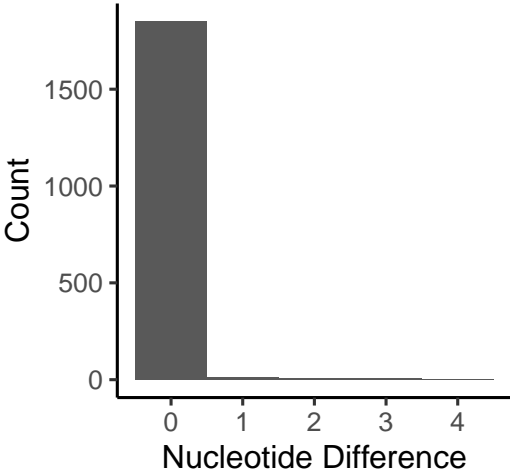
TRBV9*ap01

2288 sequences assigned
2255 (98.6%) exact matches, in which:
2216 unique CDR3
13 unique J



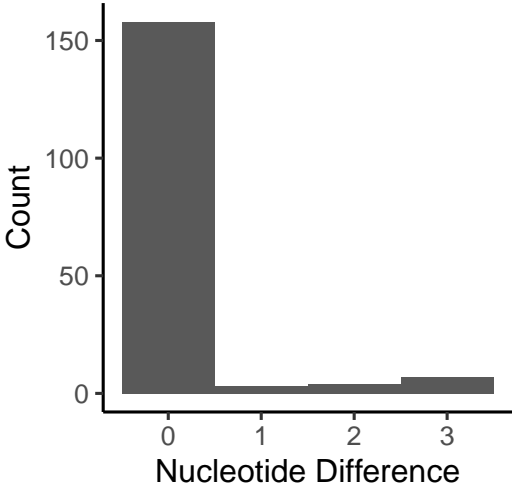
TRBV11-2*ap01

1881 sequences assigned
1850 (98.4%) exact matches, in which:
1825 unique CDR3
13 unique J



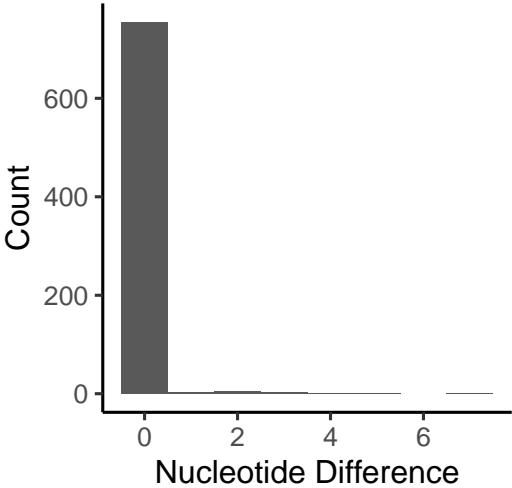
TRBV12-2*ap01

172 sequences assigned
158 (91.9%) exact matches, in which:
154 unique CDR3
12 unique J



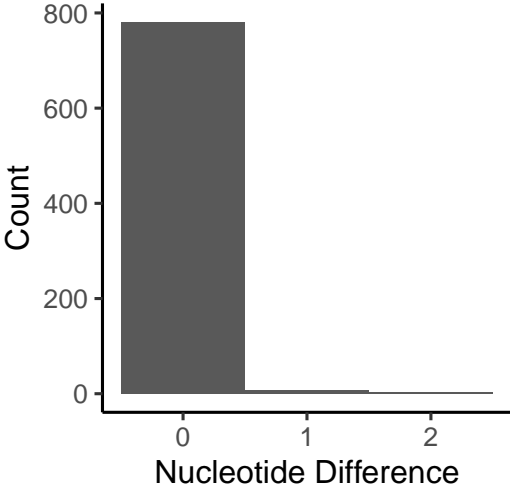
TRBV21-1*ap01

772 sequences assigned
755 (97.8%) exact matches, in which:
752 unique CDR3
13 unique J



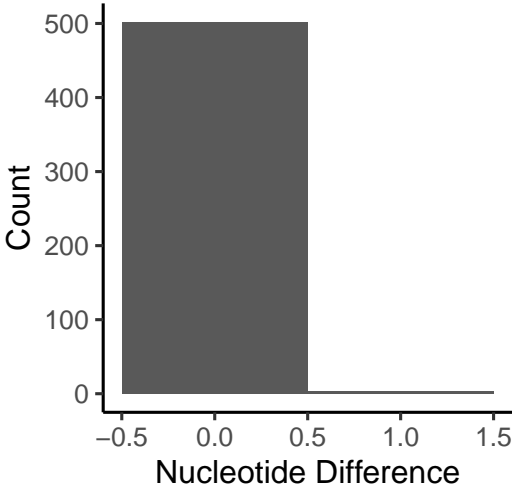
TRBV11-3*ap01

792 sequences assigned
781 (98.6%) exact matches, in which:
773 unique CDR3
13 unique J



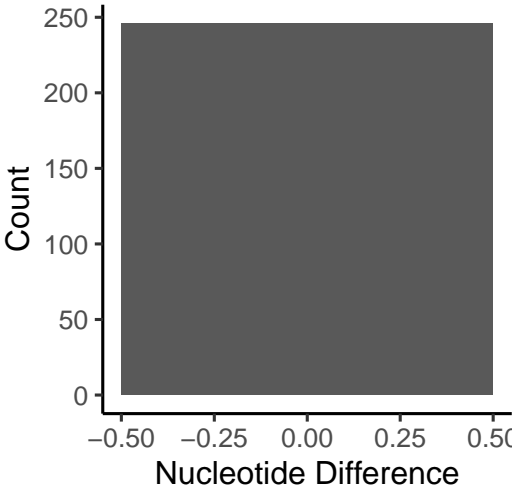
TRBV12-5*ap01

505 sequences assigned
502 (99.4%) exact matches, in which:
495 unique CDR3
13 unique J



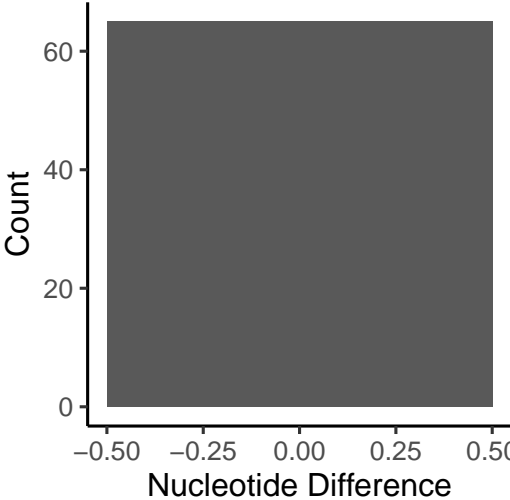
TRBV11-1*ap01

246 sequences assigned
246 (100%) exact matches, in which:
245 unique CDR3
13 unique J



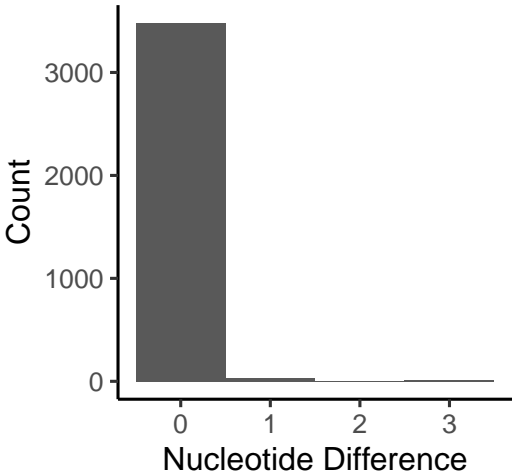
TRBV12-1*ap01

65 sequences assigned
65 (100%) exact matches, in which:
64 unique CDR3
11 unique J



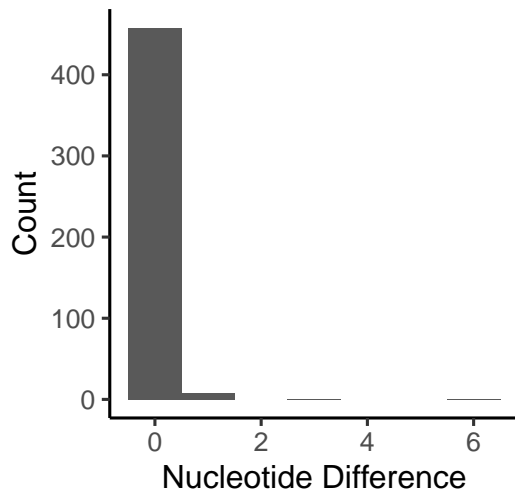
TRBV12-34*ap01

3525 sequences assigned
3480 (98.7%) exact matches, in which:
3403 unique CDR3
13 unique J



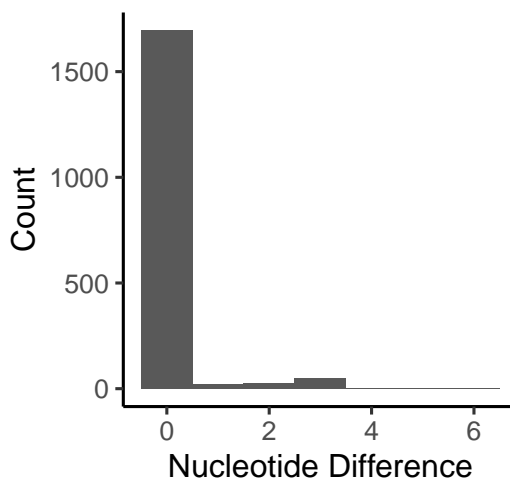
TRBV23-1*ap01

468 sequences assigned
458 (97.9%) exact matches, in which:
452 unique CDR3
13 unique J



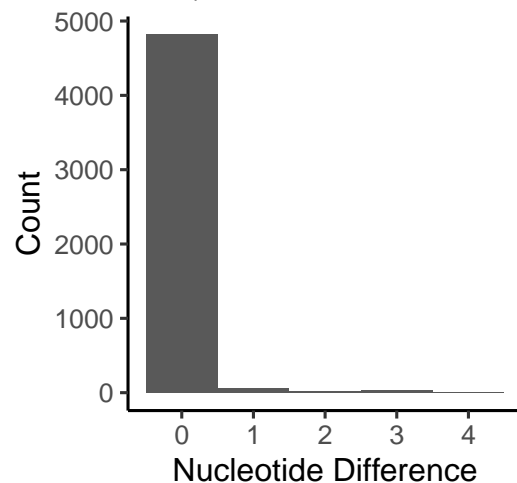
TRBV24-1*ap01

1796 sequences assigned
1695 (94.4%) exact matches, in which:
1667 unique CDR3
13 unique J



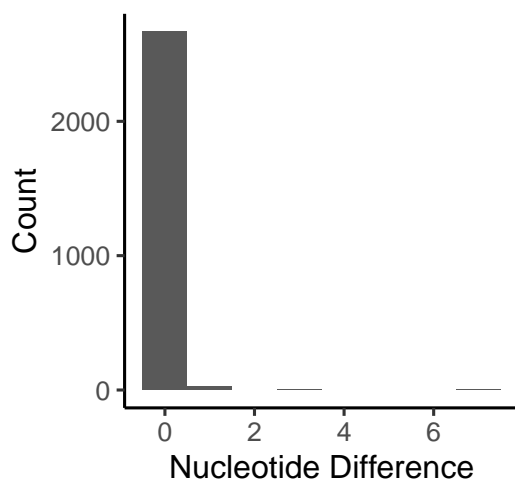
TRBV5-1*ap01

4936 sequences assigned
4820 (97.6%) exact matches, in which:
4724 unique CDR3
13 unique J



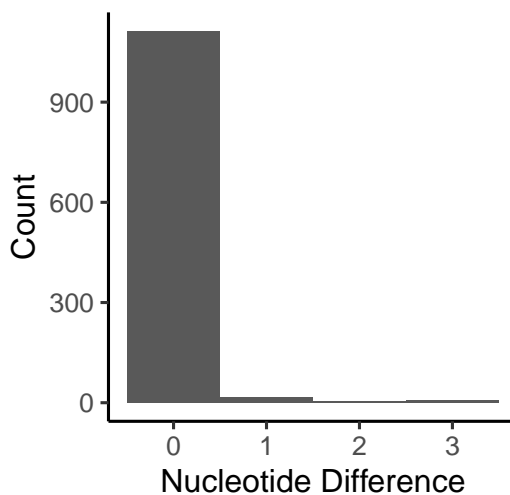
TRBV3-12*ap01

2695 sequences assigned
2667 (99%) exact matches, in which:
2619 unique CDR3
13 unique J



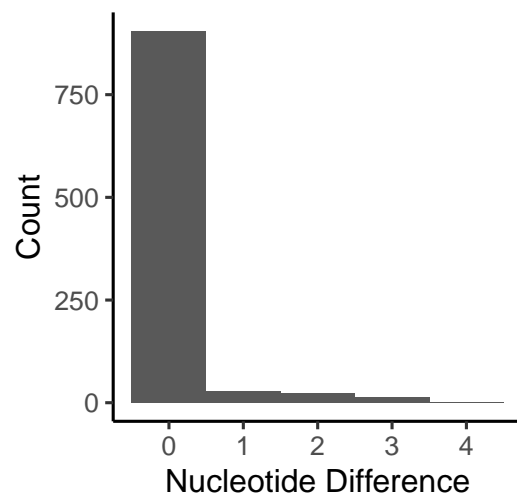
TRBV4-2*ap01

1139 sequences assigned
1113 (97.7%) exact matches, in which:
1076 unique CDR3
13 unique J



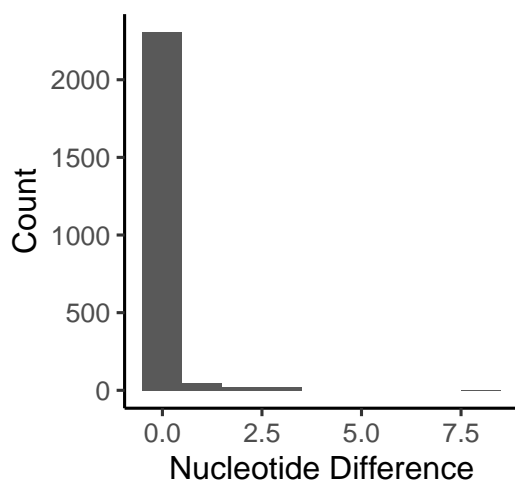
TRBV25-1*ap01

972 sequences assigned
905 (93.1%) exact matches, in which:
889 unique CDR3
13 unique J



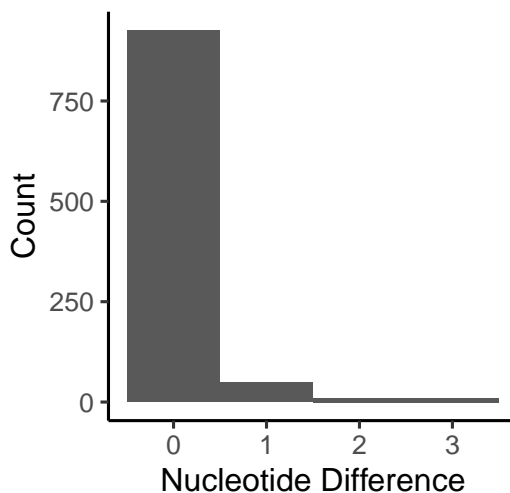
TRBV4-1*ap01

2401 sequences assigned
2307 (96.1%) exact matches, in which:
2245 unique CDR3
13 unique J



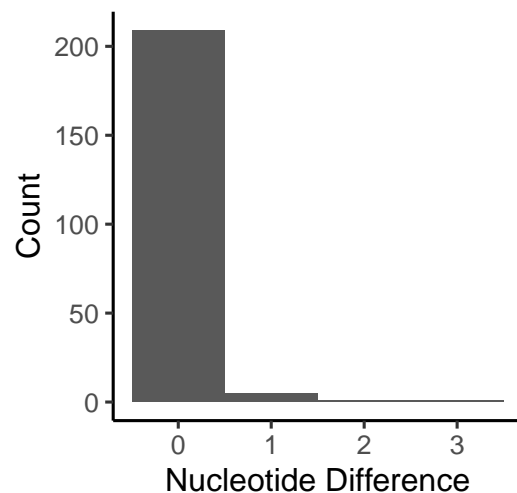
TRBV4-3*ap01

995 sequences assigned
926 (93.1%) exact matches, in which:
898 unique CDR3
13 unique J



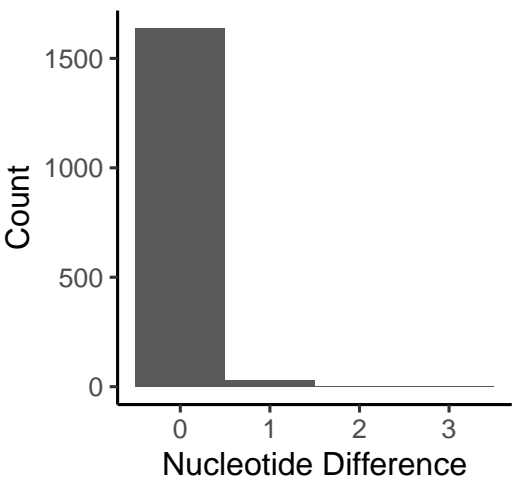
TRBV5-3*ap01

216 sequences assigned
209 (96.8%) exact matches, in which:
206 unique CDR3
13 unique J



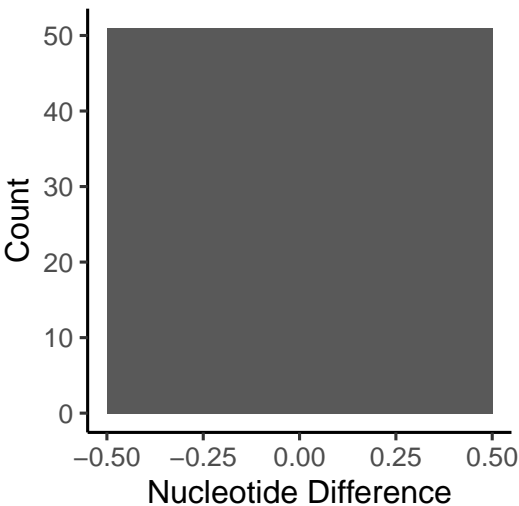
TRBV5-4*ap01

1675 sequences assigned
1637 (97.7%) exact matches, in which:
1604 unique CDR3
13 unique J



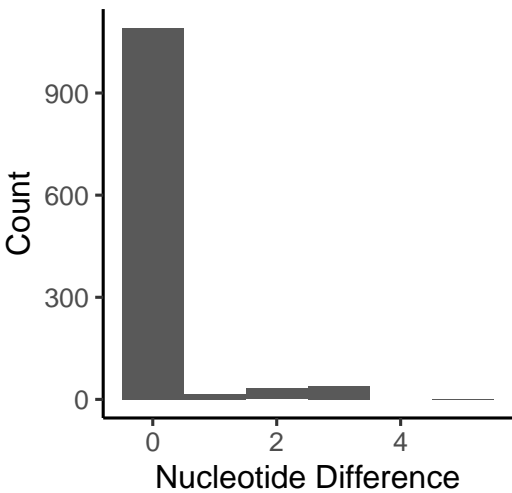
TRBV5-7*ap01

51 sequences assigned
51 (100%) exact matches, in which:
48 unique CDR3
10 unique J



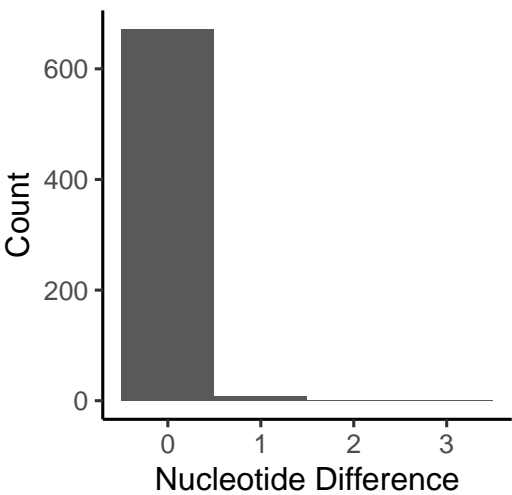
TRBV6-4*ap01

1182 sequences assigned
1092 (92.4%) exact matches, in which:
1075 unique CDR3
13 unique J



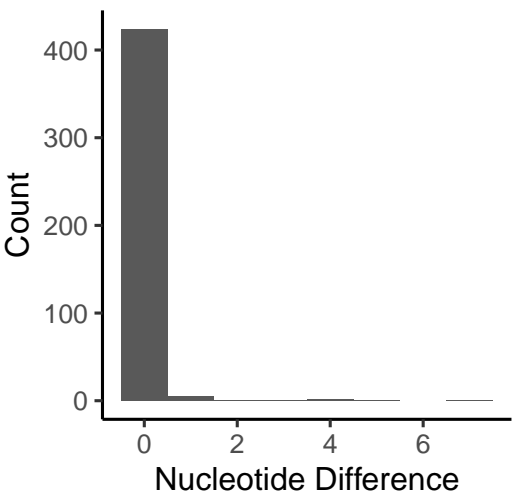
TRBV5-5*ap01

682 sequences assigned
672 (98.5%) exact matches, in which:
664 unique CDR3
13 unique J



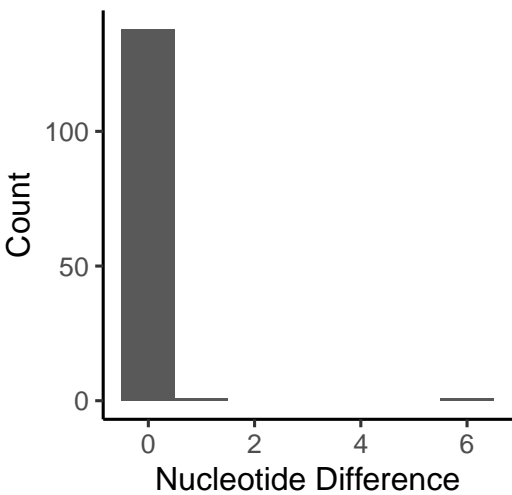
TRBV5-8*ap01

435 sequences assigned
424 (97.5%) exact matches, in which:
420 unique CDR3
13 unique J



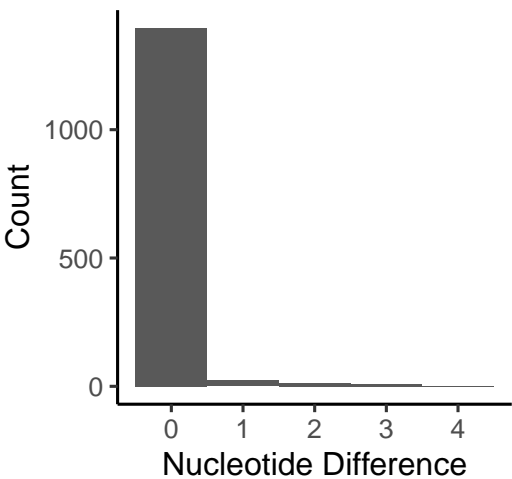
TRBV6-7*ap01

140 sequences assigned
138 (98.6%) exact matches, in which:
132 unique CDR3
10 unique J



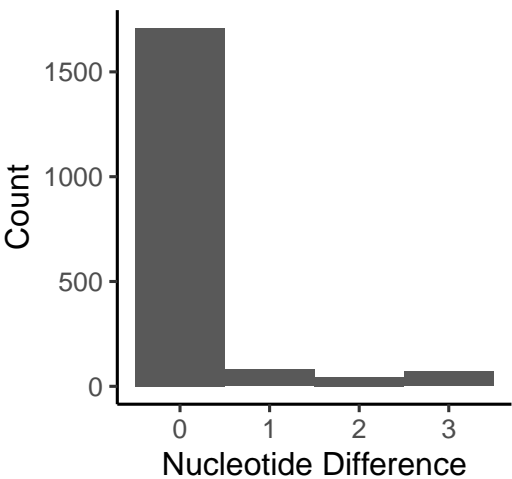
TRBV5-6*ap01

1440 sequences assigned
1396 (96.9%) exact matches, in which:
1358 unique CDR3
13 unique J



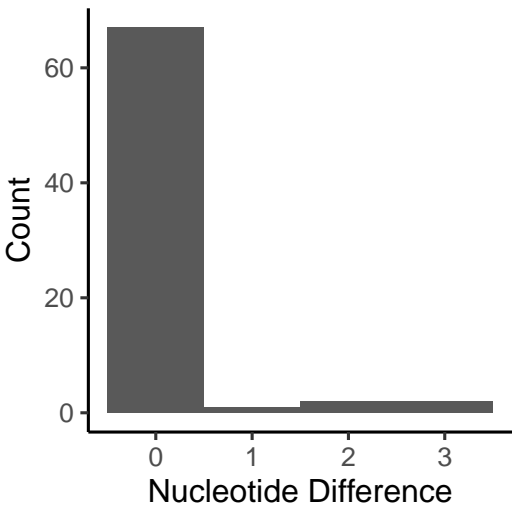
TRBV6-1*ap01

1904 sequences assigned
1709 (89.8%) exact matches, in which:
1676 unique CDR3
13 unique J



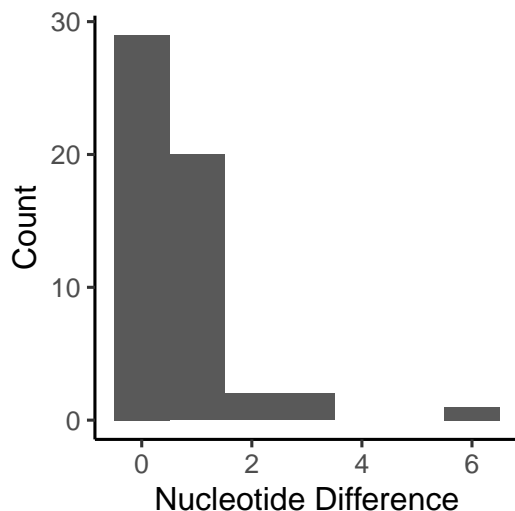
TRBV6-8*ap01

72 sequences assigned
67 (93.1%) exact matches, in which:
66 unique CDR3
13 unique J



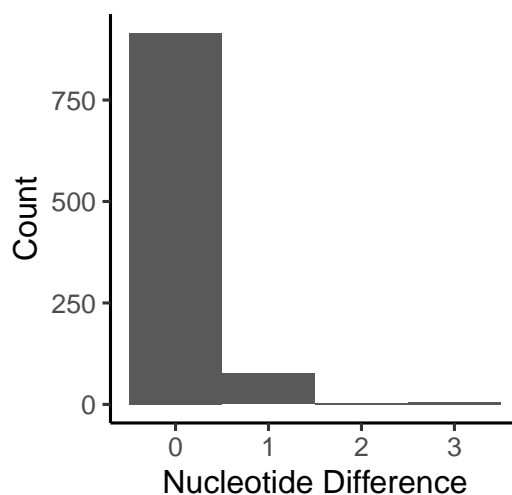
TRBV6–9*ap01

54 sequences assigned
29 (53.7%) exact matches, in which:
28 unique CDR3
11 unique J



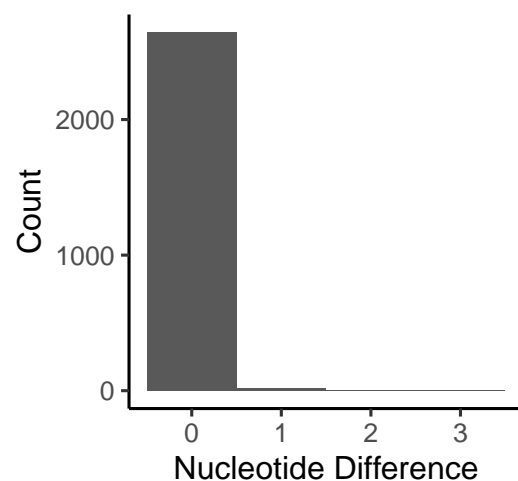
TRBV6–56*ap02

1000 sequences assigned
916 (91.6%) exact matches, in which:
890 unique CDR3
13 unique J



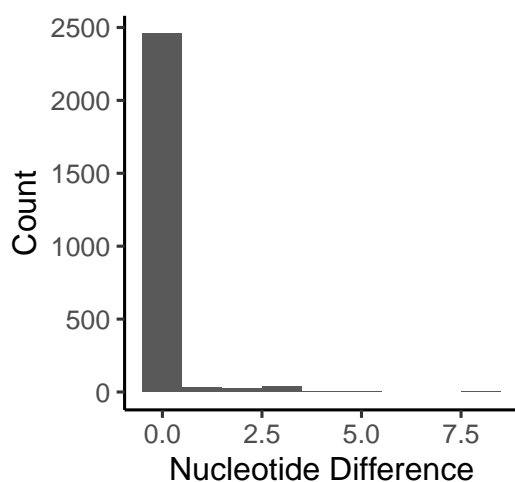
TRBV7–2*ap01

2665 sequences assigned
2643 (99.2%) exact matches, in which:
2594 unique CDR3
13 unique J



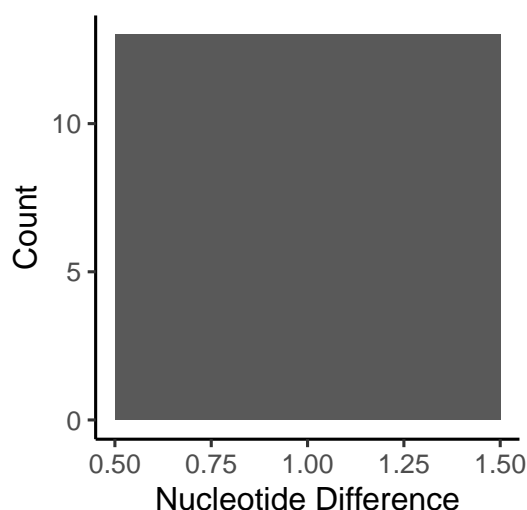
TRBV6–23*ap01

2550 sequences assigned
2457 (96.4%) exact matches, in which:
2390 unique CDR3
13 unique J



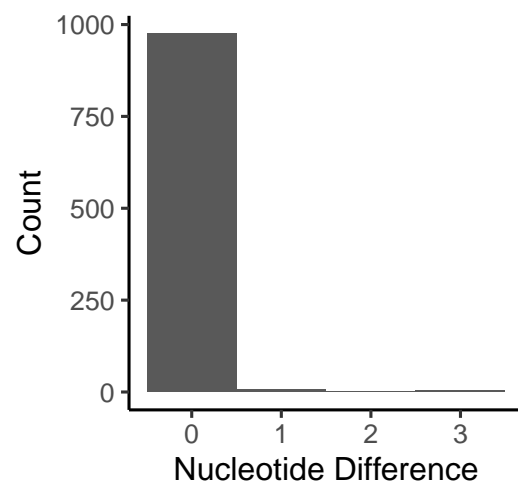
TRBV7–1*ap01_T296C

13 sequences assigned
No exact matches.



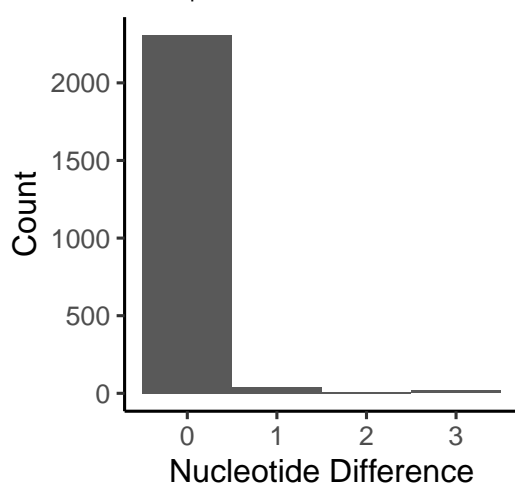
TRBV7–3*ap01

986 sequences assigned
975 (98.9%) exact matches, in which:
964 unique CDR3
13 unique J



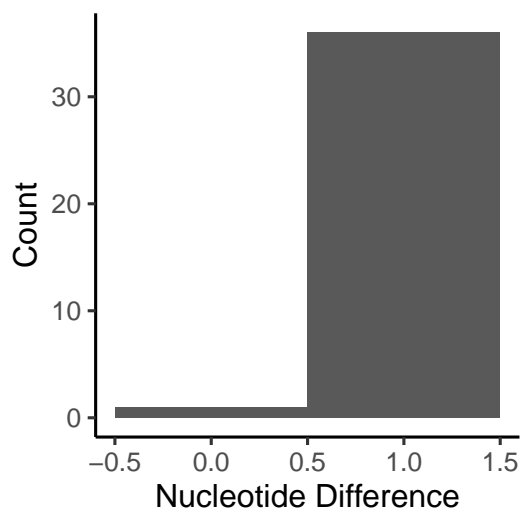
TRBV6–56*ap01

2374 sequences assigned
2308 (97.2%) exact matches, in which:
2260 unique CDR3
13 unique J



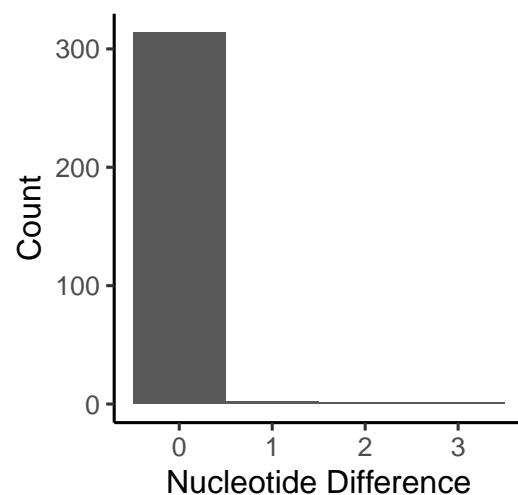
TRBV7–1*ap01_T296C_C

37 sequences assigned
1 (2.7%) exact matches, in which:
1 unique CDR3
1 unique J



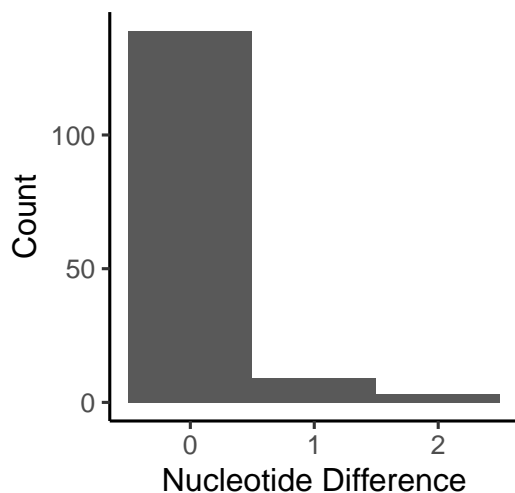
TRBV7–3*ap03

318 sequences assigned
314 (98.7%) exact matches, in which:
309 unique CDR3
13 unique J



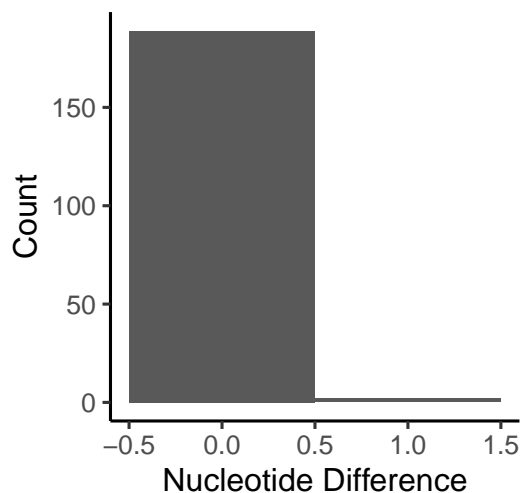
TRBV7-4*ap01

151 sequences assigned
139 (92.1%) exact matches, in which:
135 unique CDR3
12 unique J



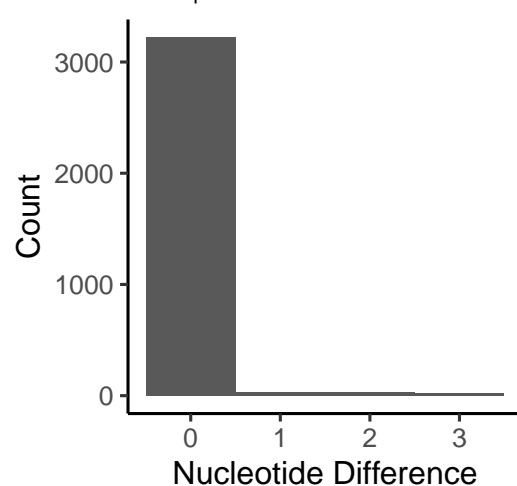
TRBV7-7*ap01_C315T

191 sequences assigned
189 (99%) exact matches, in which:
184 unique CDR3
11 unique J



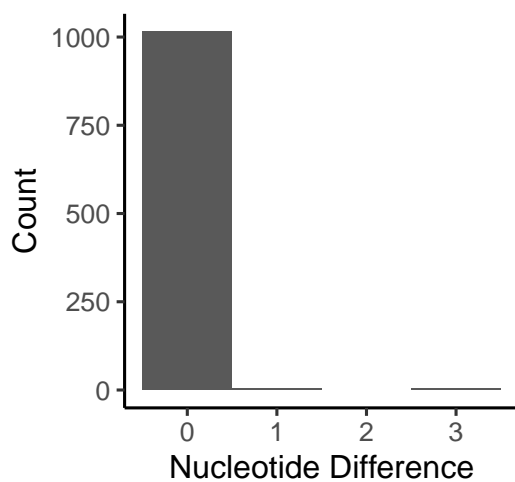
TRBV7-9*ap01

3299 sequences assigned
3221 (97.6%) exact matches, in which:
3144 unique CDR3
13 unique J



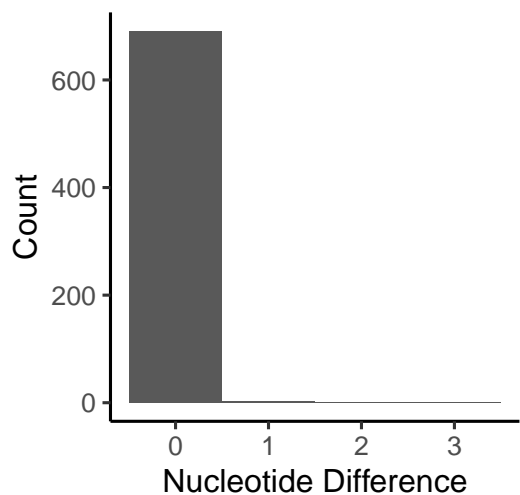
TRBV7-6*ap01

1021 sequences assigned
1015 (99.4%) exact matches, in which:
1002 unique CDR3
13 unique J



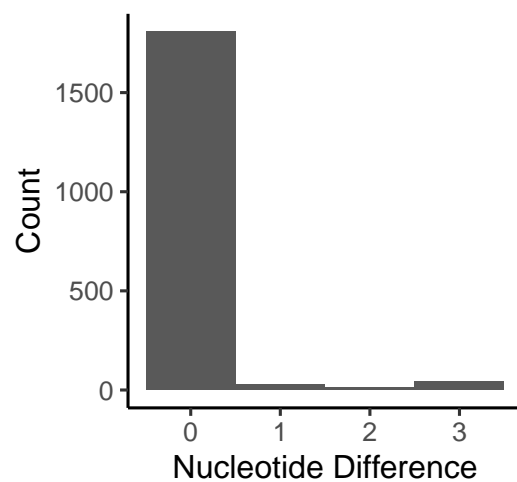
TRBV7-8*ap01

696 sequences assigned
691 (99.3%) exact matches, in which:
684 unique CDR3
13 unique J



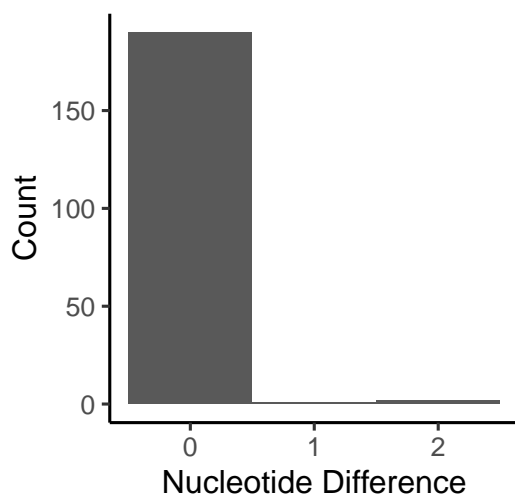
TRBV29-1*ap01

1888 sequences assigned
1807 (95.7%) exact matches, in which:
1761 unique CDR3
13 unique J



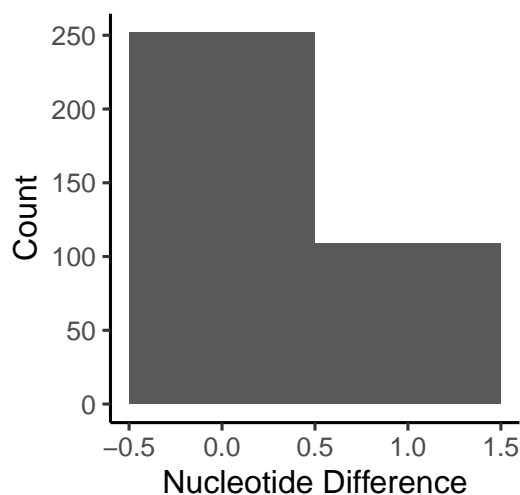
TRBV7-7*ap01

193 sequences assigned
190 (98.4%) exact matches, in which:
187 unique CDR3
12 unique J



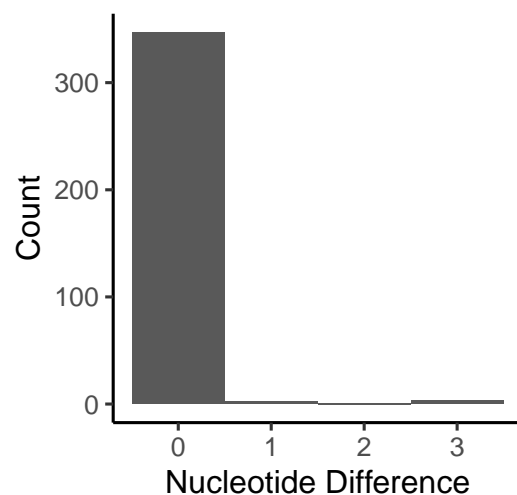
TRBV7-8*ap03

361 sequences assigned
252 (69.8%) exact matches, in which:
249 unique CDR3
12 unique J

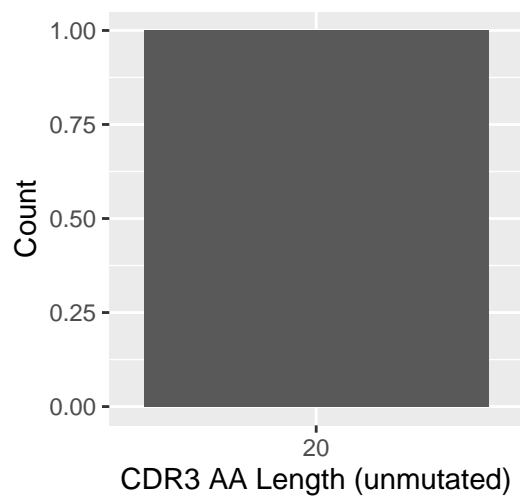


TRBV29-1*ap02

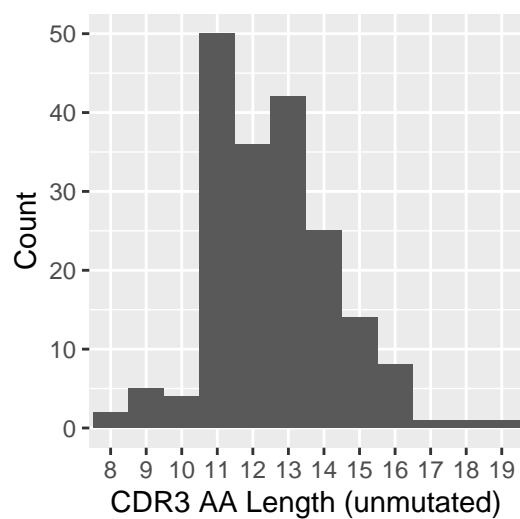
353 sequences assigned
347 (98.3%) exact matches, in which:
344 unique CDR3
13 unique J



TRBV7-1*ap01_T296C_C314T



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.