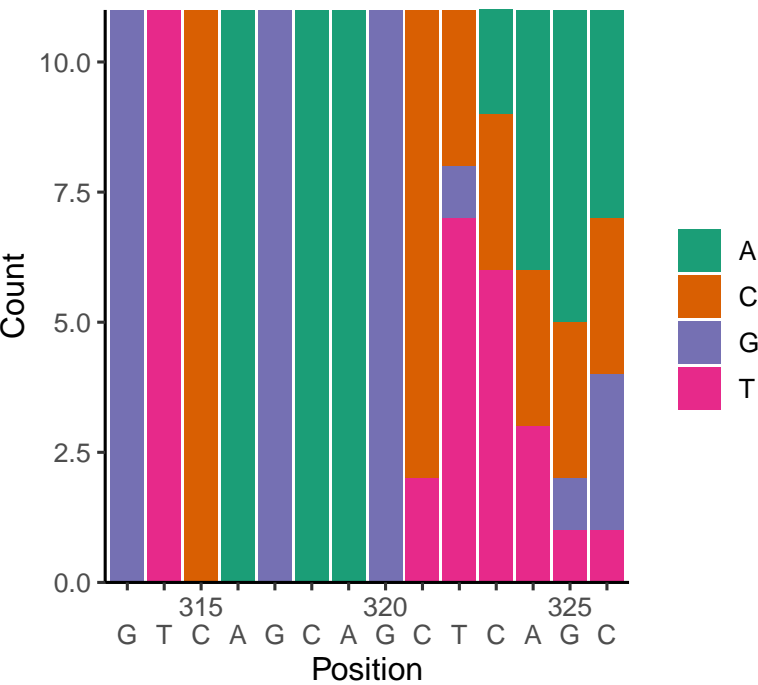
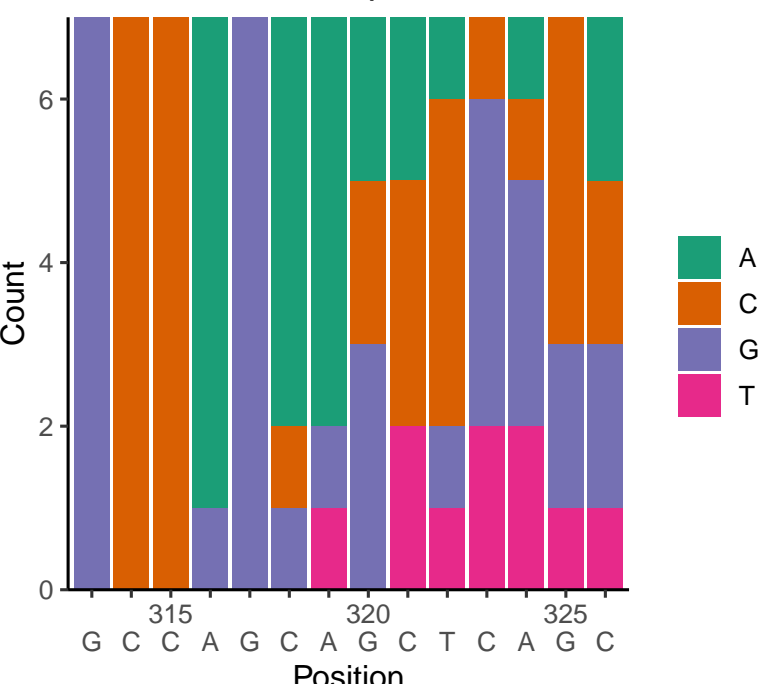


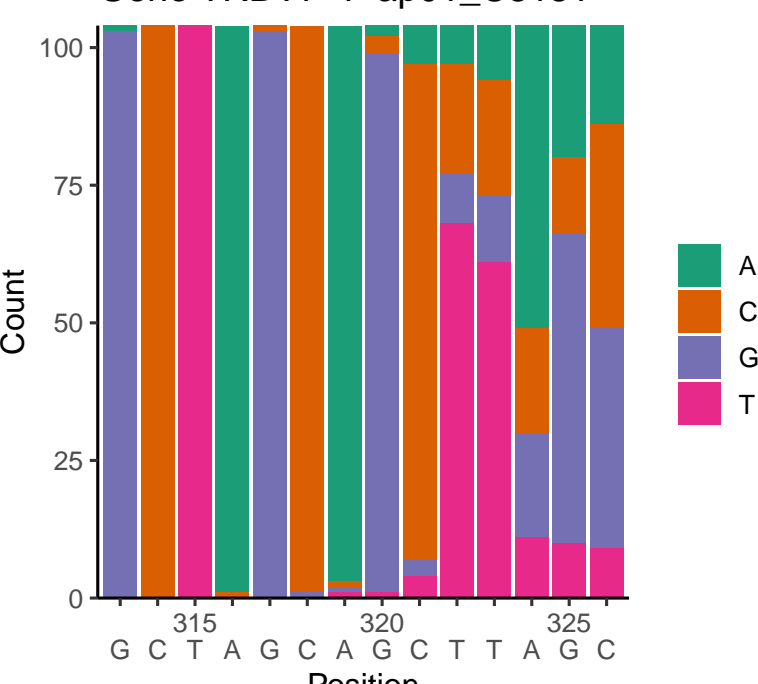
Gene TRBV7-1*ap01_G291C_T296C_C314T



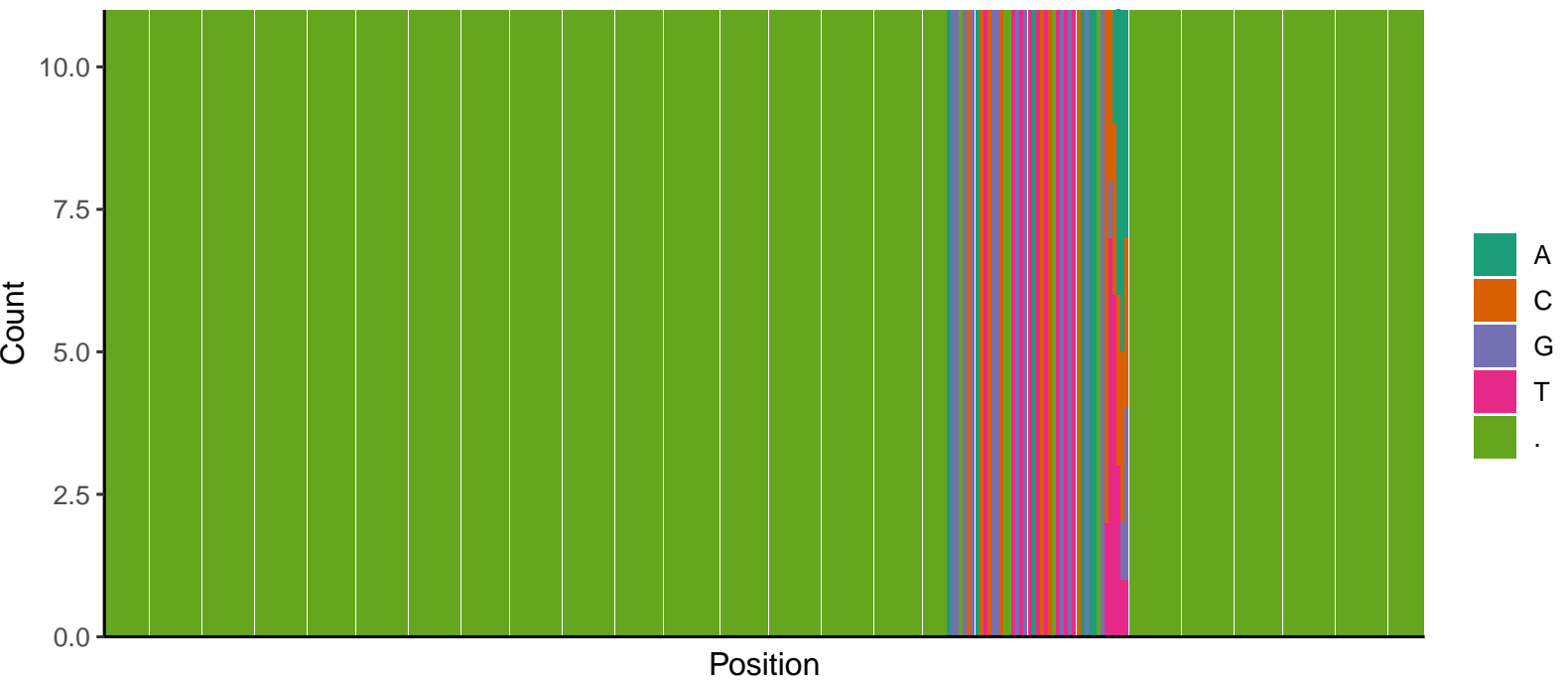
Gene TRBV7-1*ap01_G291C_T296C



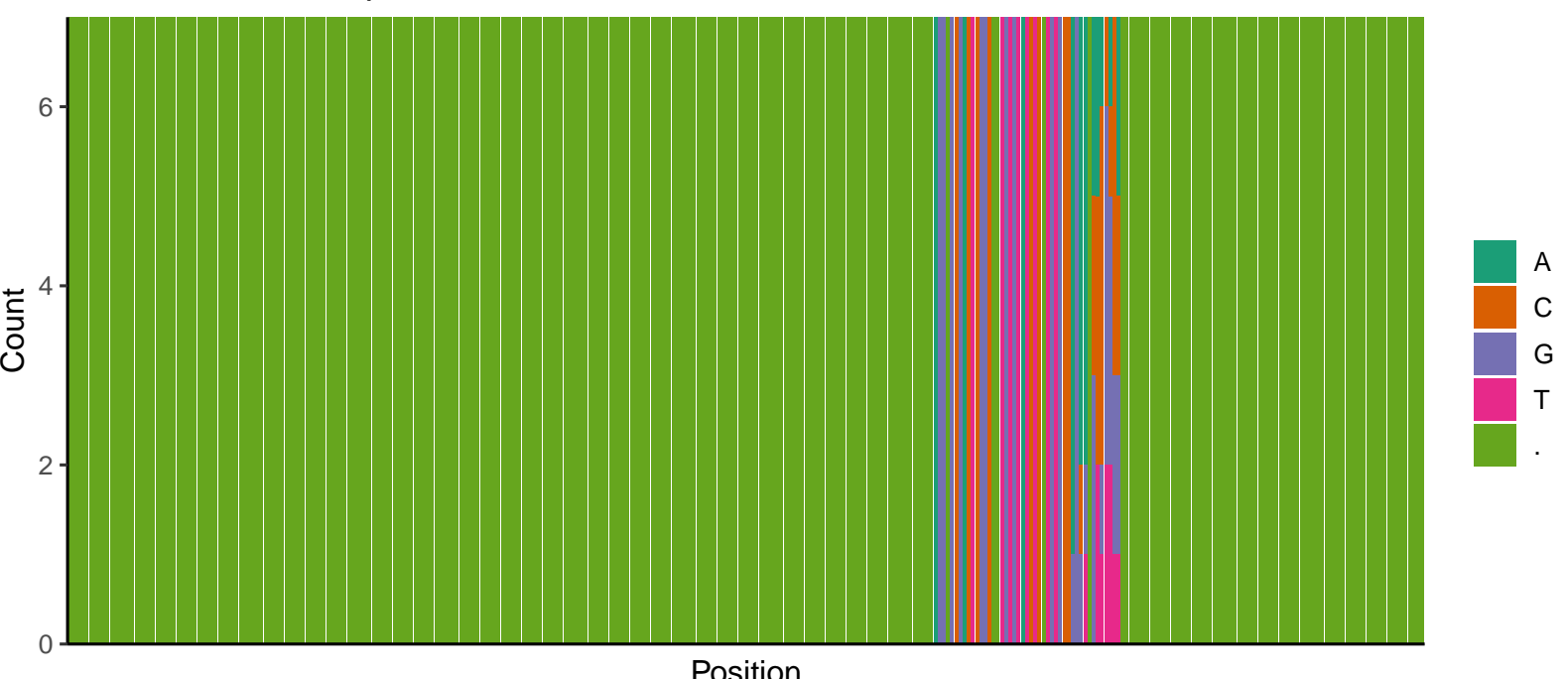
Gene TRBV7-7*ap01_C315T



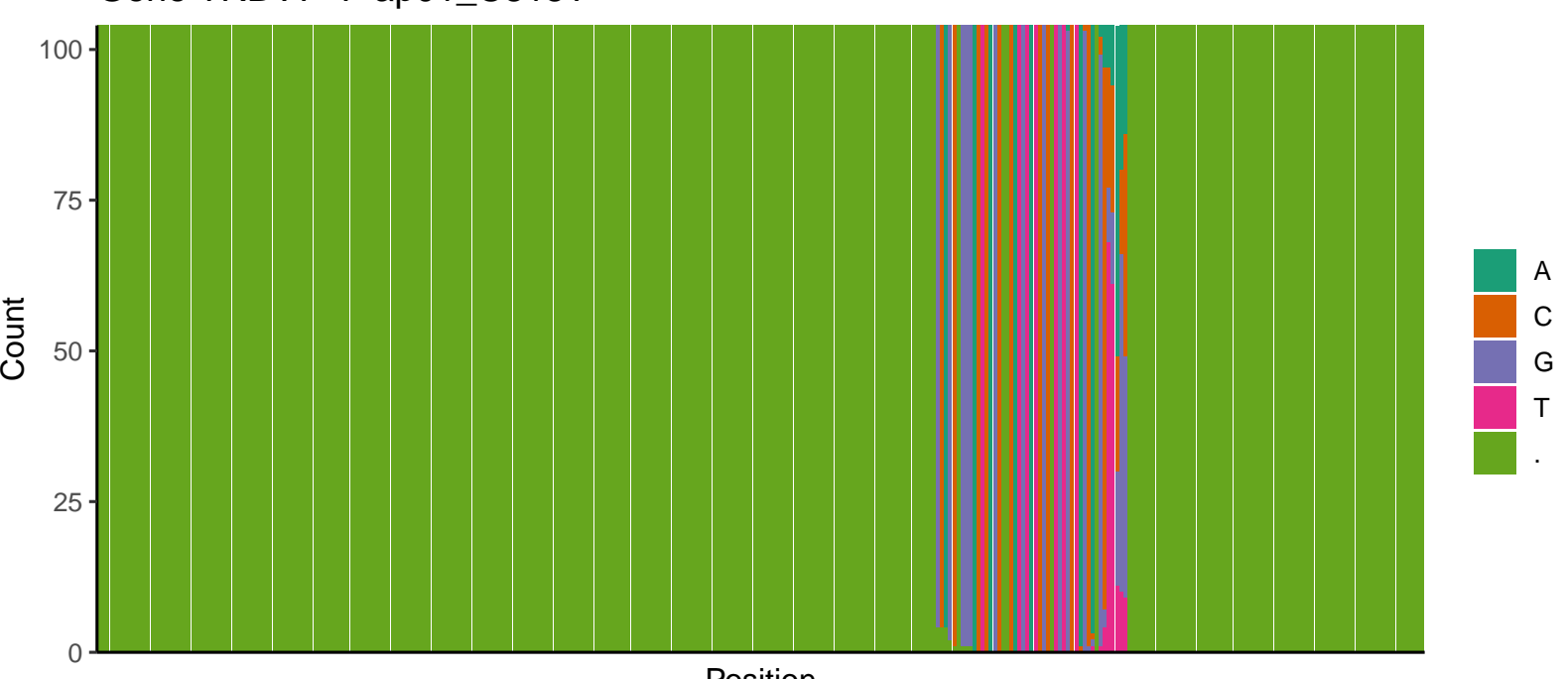
Gene TRBV7-1*ap01_G291C_T296C_C314T



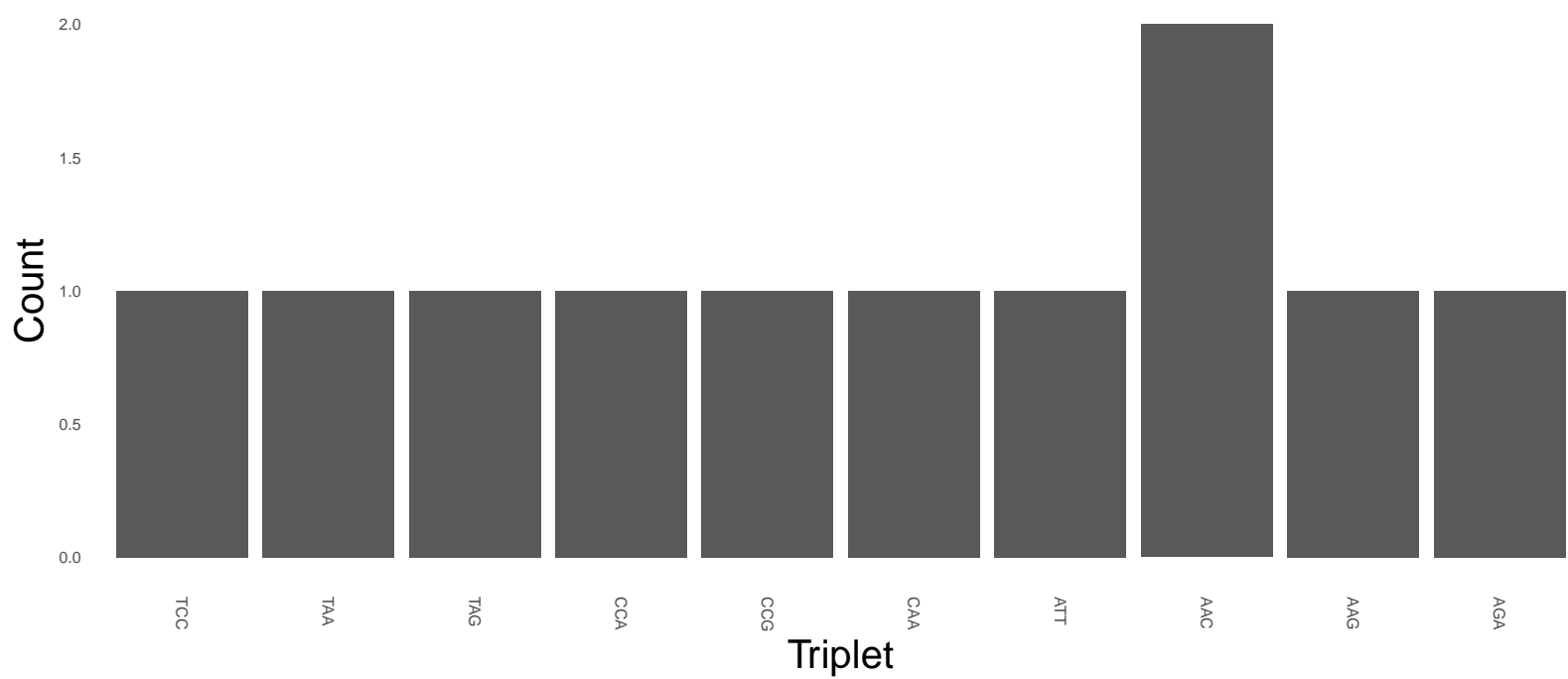
Gene TRBV7-1*ap01_G291C_T296C



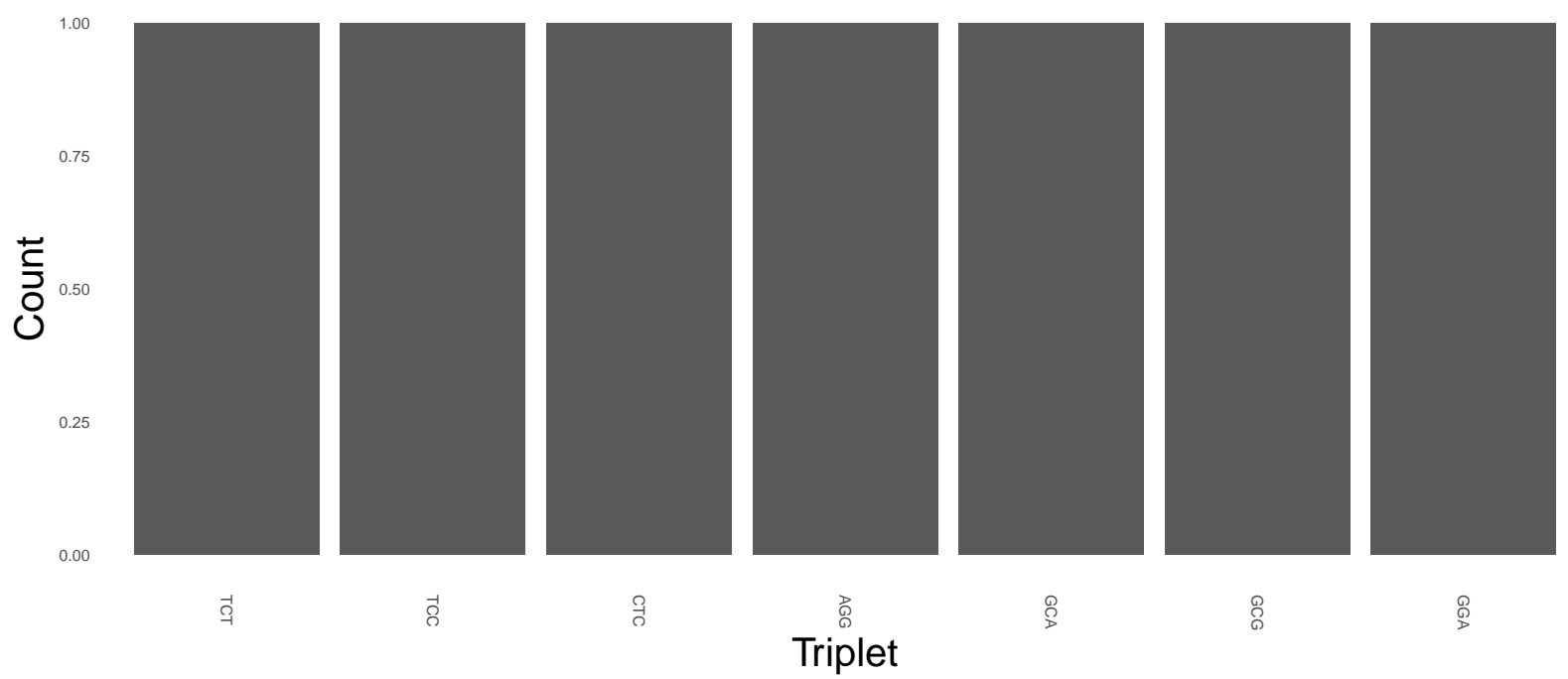
Gene TRBV7-7*ap01_C315T



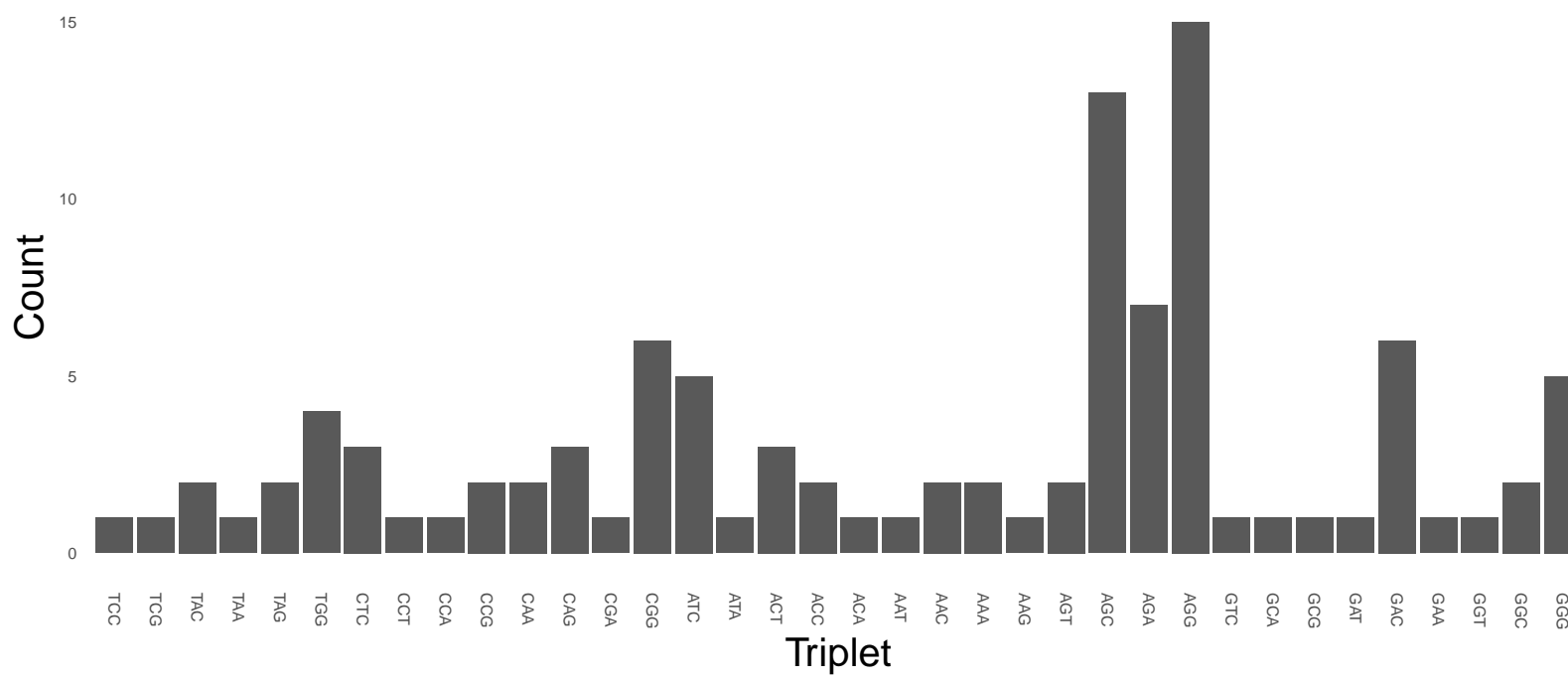
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet

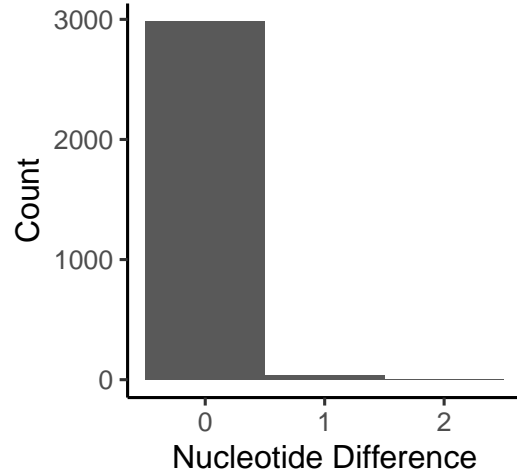


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



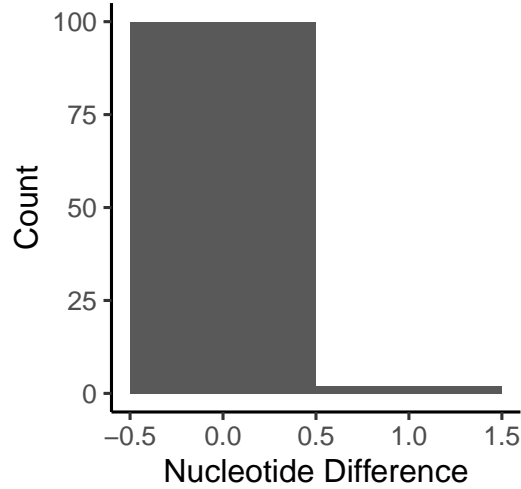
TRBV20-1*ap01

3019 sequences assigned
2983 (98.8%) exact matches, in which:
2934 unique CDR3
13 unique J



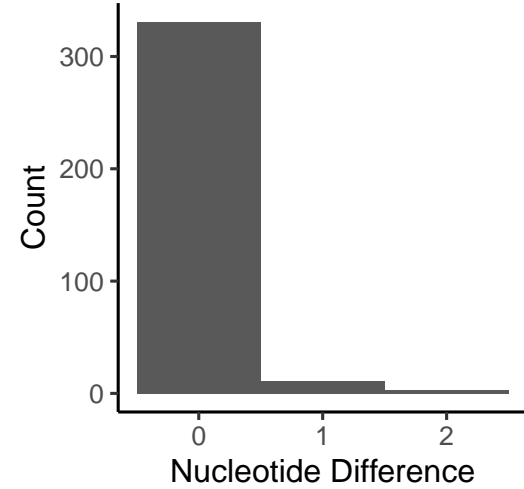
TRBV10-2*ap01

102 sequences assigned
100 (98%) exact matches, in which:
98 unique CDR3
12 unique J



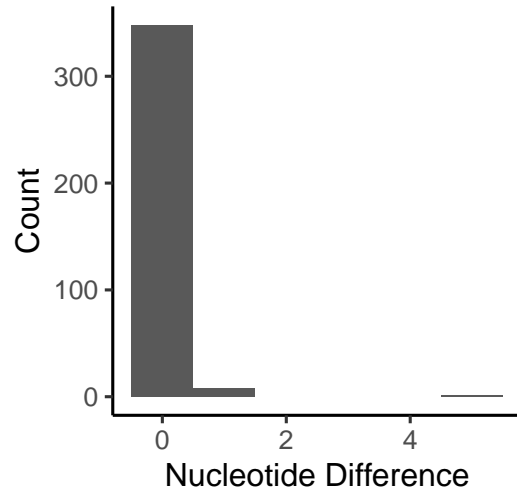
TRBV13*ap01

345 sequences assigned
331 (95.9%) exact matches, in which:
330 unique CDR3
12 unique J



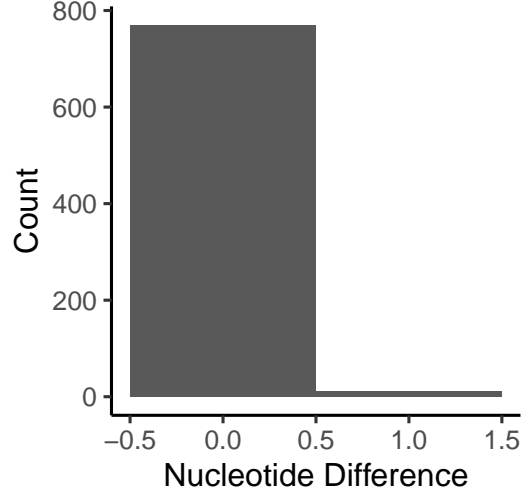
TRBV10-1*ap01

357 sequences assigned
348 (97.5%) exact matches, in which:
347 unique CDR3
12 unique J



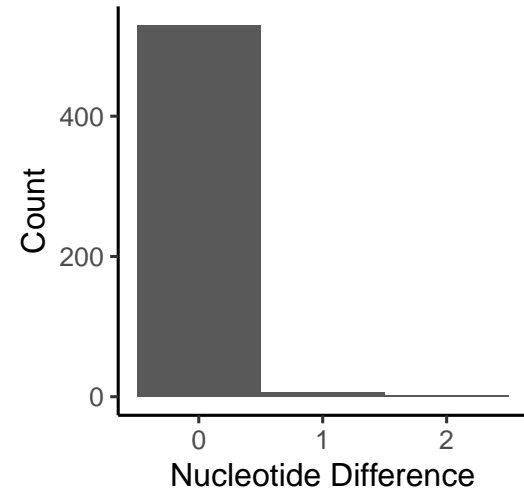
TRBV10-3*ap01

782 sequences assigned
770 (98.5%) exact matches, in which:
761 unique CDR3
13 unique J



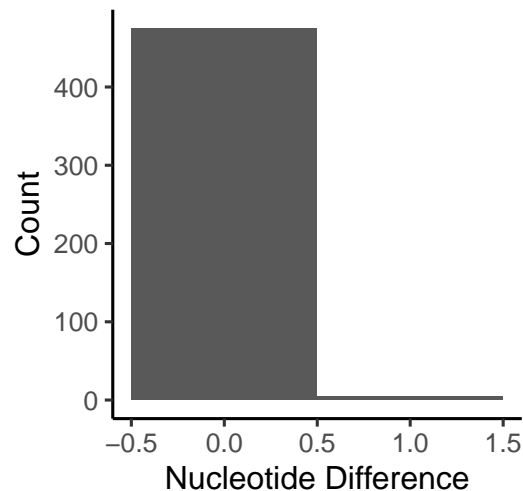
TRBV14*ap01

539 sequences assigned
530 (98.3%) exact matches, in which:
528 unique CDR3
13 unique J



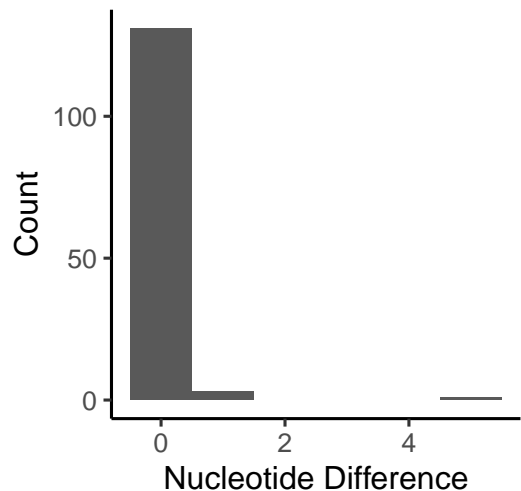
TRBV20-1*ap02

480 sequences assigned
475 (99%) exact matches, in which:
463 unique CDR3
13 unique J



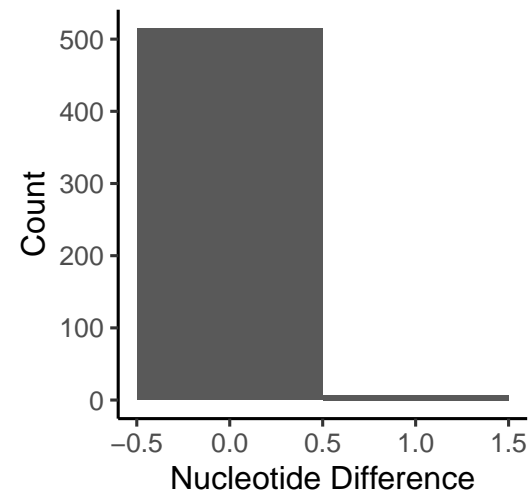
TRBV1*ap01

135 sequences assigned
131 (97%) exact matches, in which:
128 unique CDR3
12 unique J



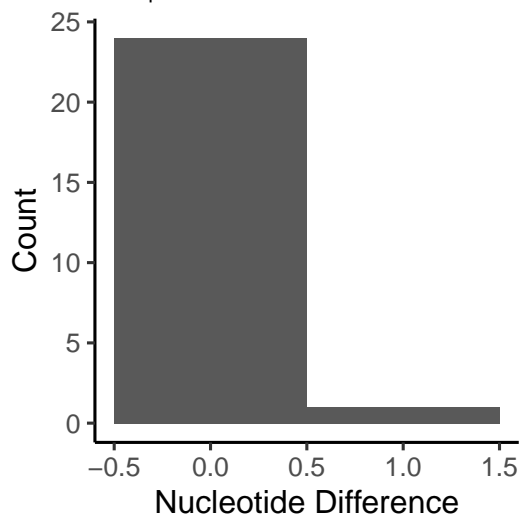
TRBV15*ap02

522 sequences assigned
515 (98.7%) exact matches, in which:
510 unique CDR3
12 unique J



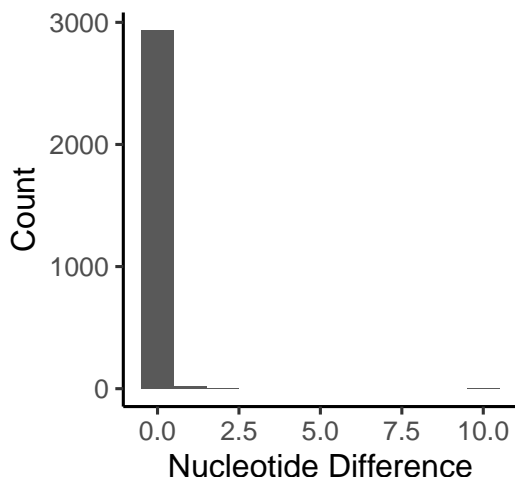
TRBV16*ap01

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



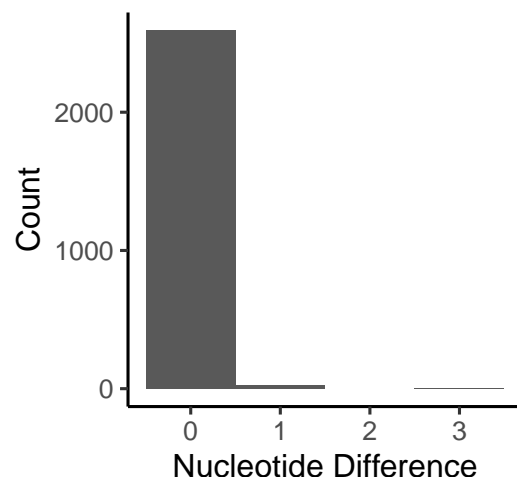
TRBV19*ap01

2954 sequences assigned
2934 (99.3%) exact matches, in which:
2903 unique CDR3
13 unique J



TRBV28*ap01

2615 sequences assigned
2592 (99.1%) exact matches, in which:
2573 unique CDR3
13 unique J



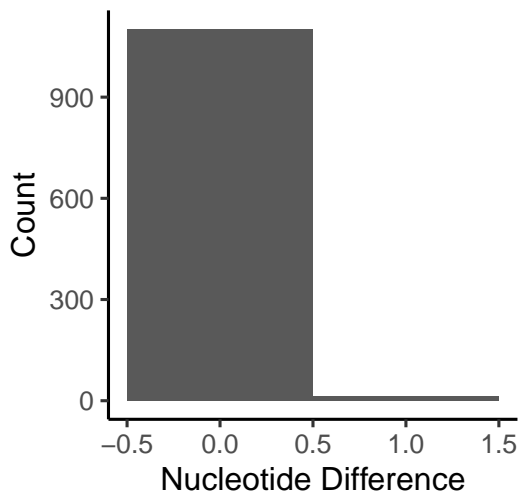
TRBV17*ap01

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



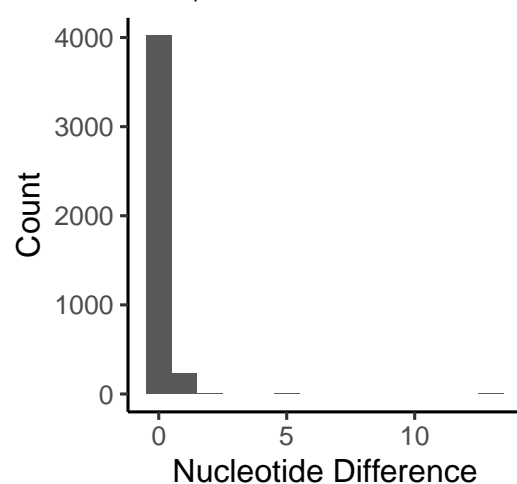
TRBV2*ap01

1115 sequences assigned
1102 (98.8%) exact matches, in which:
1090 unique CDR3
13 unique J



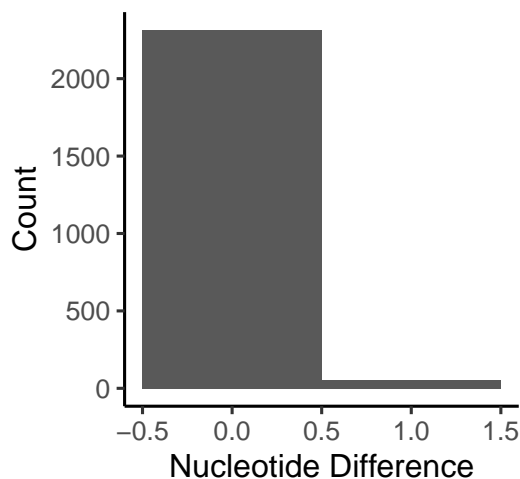
TRBV30*ap01

4258 sequences assigned
4020 (94.4%) exact matches, in which:
3865 unique CDR3
13 unique J



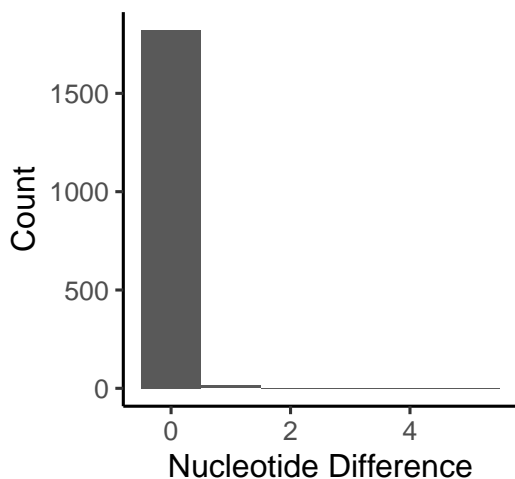
TRBV18*ap01

2366 sequences assigned
2314 (97.8%) exact matches, in which:
2278 unique CDR3
13 unique J



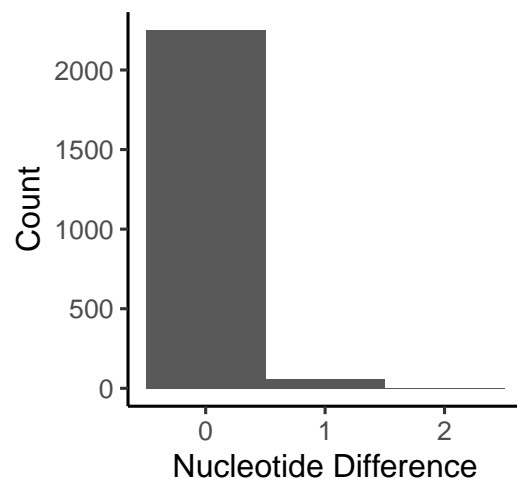
TRBV27*ap01

1843 sequences assigned
1822 (98.9%) exact matches, in which:
1797 unique CDR3
13 unique J



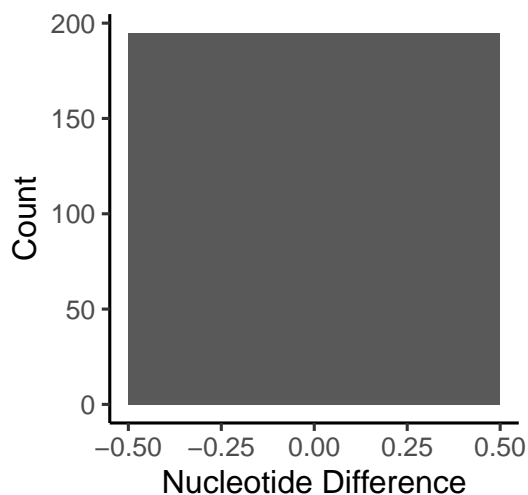
TRBV9*ap01

2309 sequences assigned
2251 (97.5%) exact matches, in which:
2226 unique CDR3
13 unique J



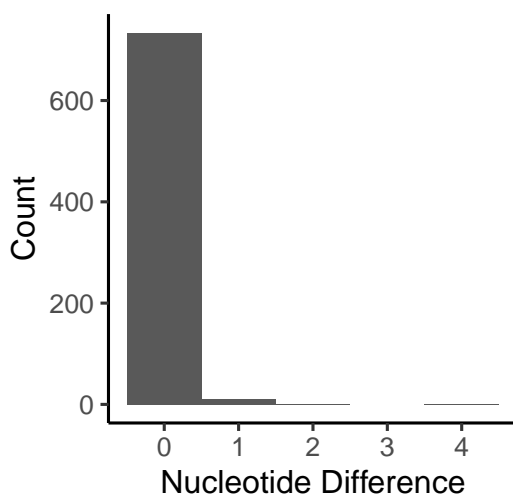
TRBV11–1*ap01

195 sequences assigned
195 (100%) exact matches, in which:
192 unique CDR3
12 unique J



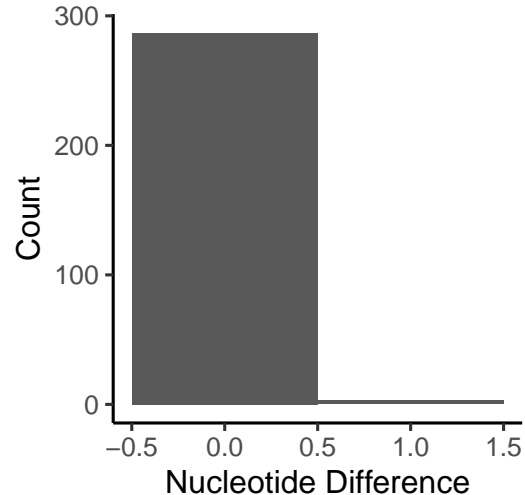
TRBV11–3*ap01

747 sequences assigned
734 (98.3%) exact matches, in which:
729 unique CDR3
12 unique J



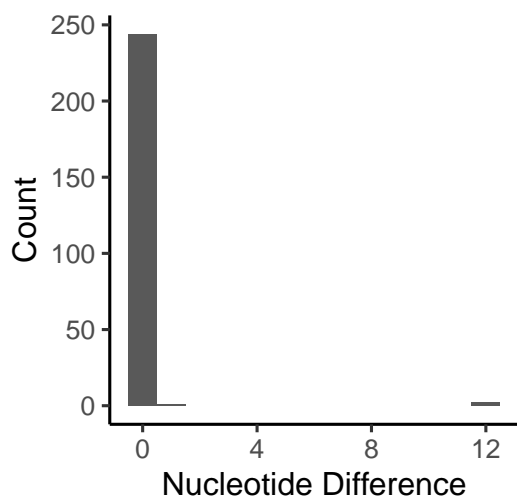
TRBV12–5*ap01

290 sequences assigned
287 (99%) exact matches, in which:
285 unique CDR3
13 unique J



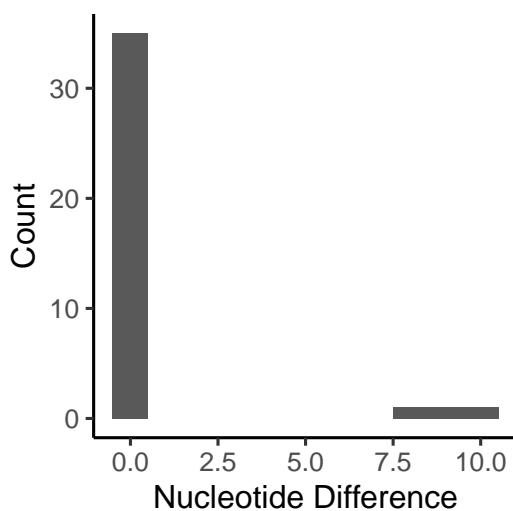
TRBV21–1*ap01

247 sequences assigned
244 (98.8%) exact matches, in which:
244 unique CDR3
12 unique J



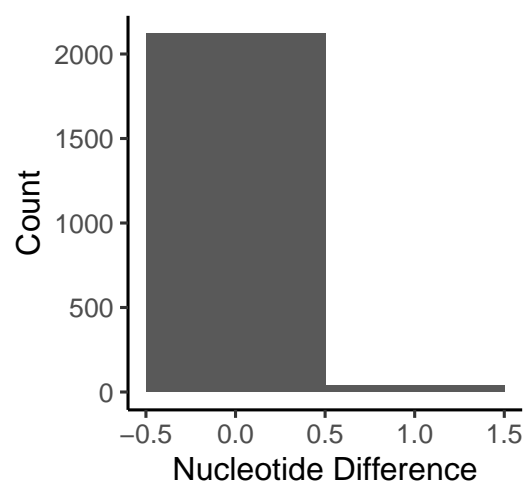
TRBV12–1*ap01

38 sequences assigned
35 (92.1%) exact matches, in which:
34 unique CDR3
10 unique J



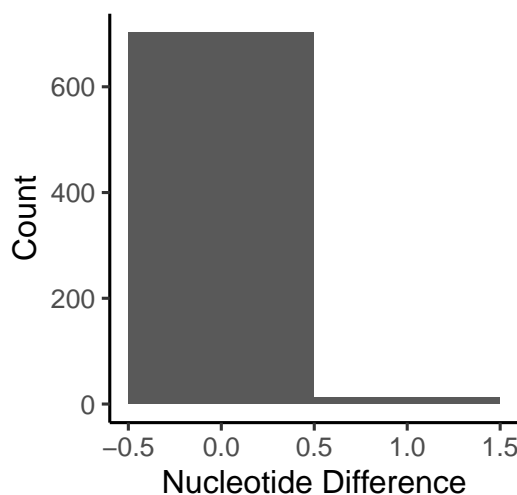
TRBV12–34*ap01

2157 sequences assigned
2120 (98.3%) exact matches, in which:
2103 unique CDR3
13 unique J



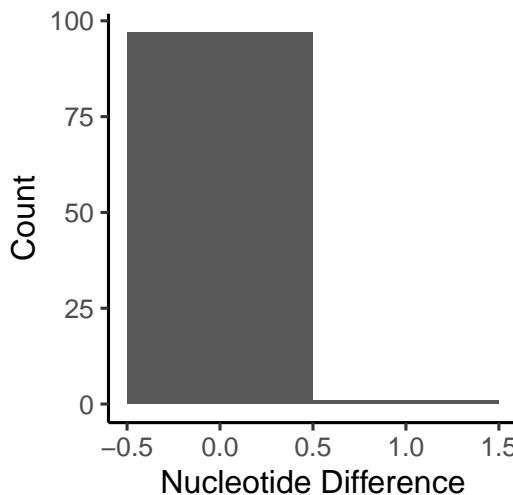
TRBV11–2*ap01

715 sequences assigned
703 (98.3%) exact matches, in which:
692 unique CDR3
12 unique J



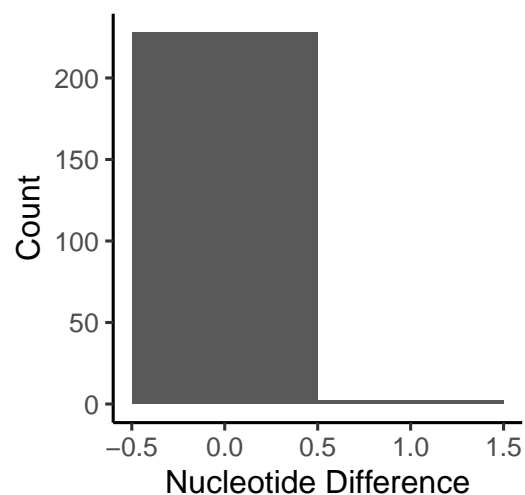
TRBV12–2*ap01

98 sequences assigned
97 (99%) exact matches, in which:
97 unique CDR3
12 unique J



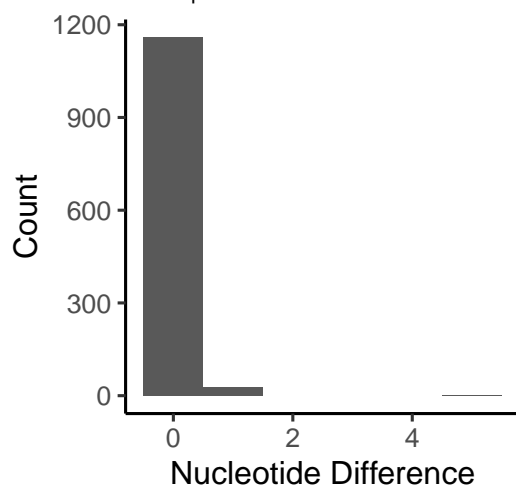
TRBV23–1*ap01

230 sequences assigned
228 (99.1%) exact matches, in which:
228 unique CDR3
13 unique J



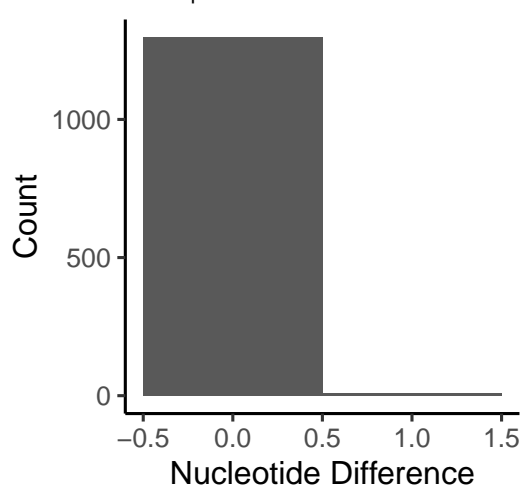
TRBV3-12*ap01

1190 sequences assigned
1159 (97.4%) exact matches, in which:
1147 unique CDR3
13 unique J



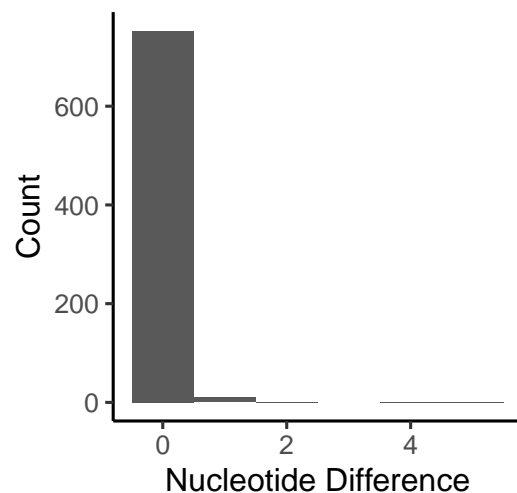
TRBV4-2*ap01

1306 sequences assigned
1297 (99.3%) exact matches, in which:
1275 unique CDR3
13 unique J



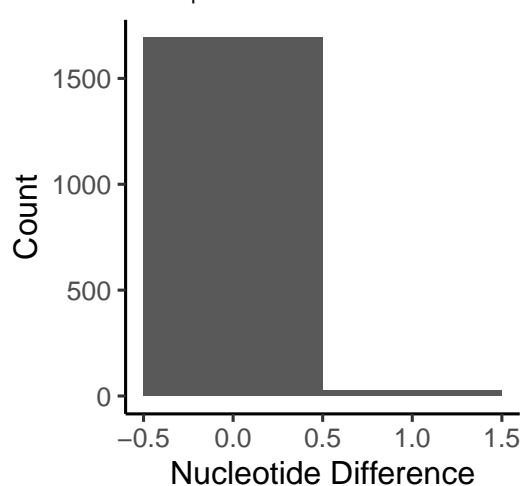
TRBV25-1*ap01

766 sequences assigned
753 (98.3%) exact matches, in which:
740 unique CDR3
13 unique J



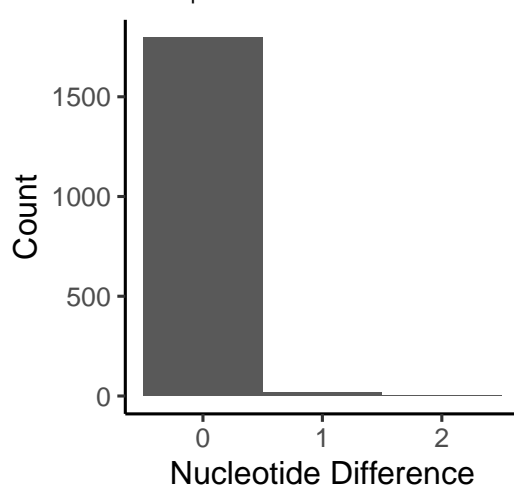
TRBV24-1*ap01

1716 sequences assigned
1692 (98.6%) exact matches, in which:
1682 unique CDR3
13 unique J



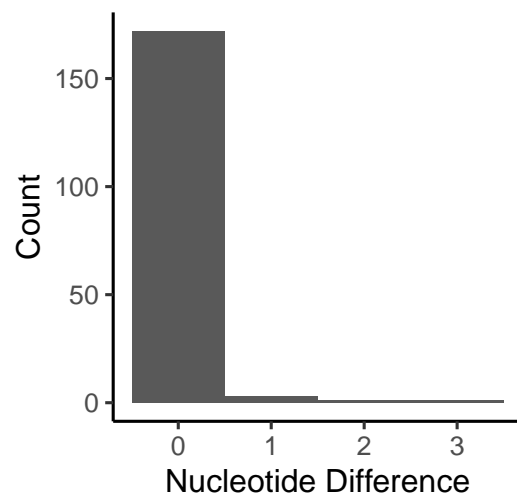
TRBV4-3*ap01

1815 sequences assigned
1796 (99%) exact matches, in which:
1770 unique CDR3
13 unique J



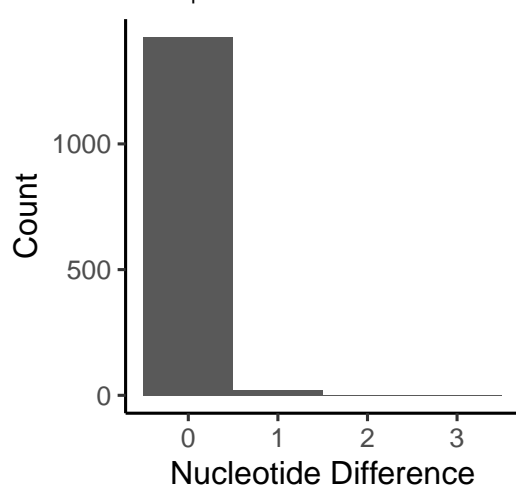
TRBV5-3*ap01

177 sequences assigned
172 (97.2%) exact matches, in which:
169 unique CDR3
12 unique J



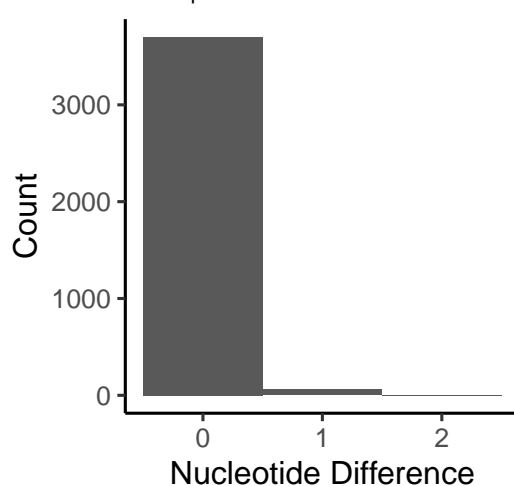
TRBV4-1*ap01

1448 sequences assigned
1425 (98.4%) exact matches, in which:
1410 unique CDR3
13 unique J



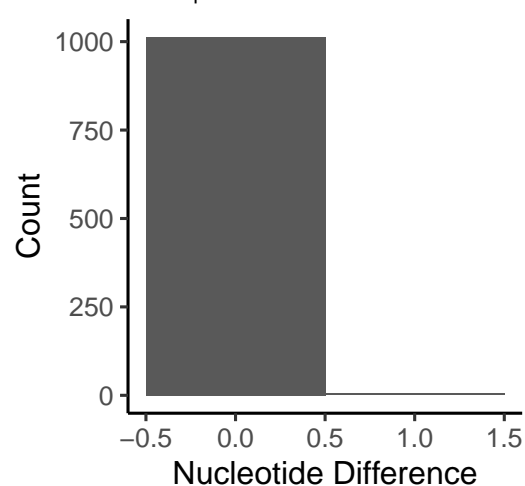
TRBV5-1*ap01

3763 sequences assigned
3700 (98.3%) exact matches, in which:
3643 unique CDR3
13 unique J



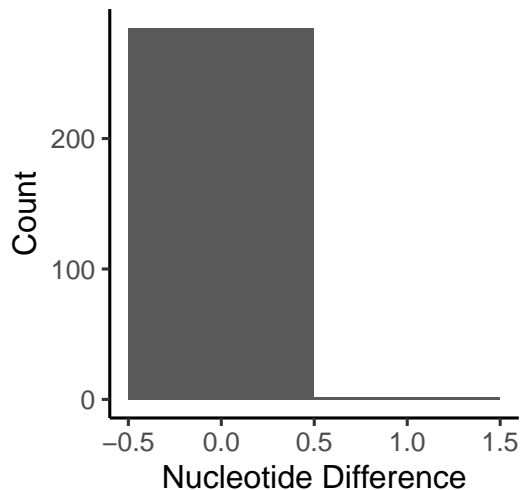
TRBV5-4*ap01

1018 sequences assigned
1013 (99.5%) exact matches, in which:
1002 unique CDR3
12 unique J



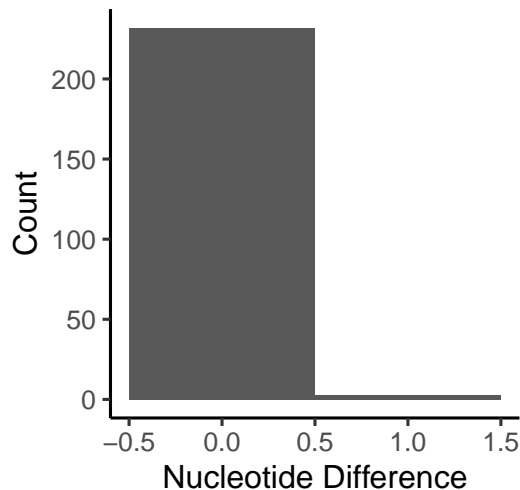
TRBV5-5*ap01

287 sequences assigned
285 (99.3%) exact matches, in which:
283 unique CDR3
13 unique J



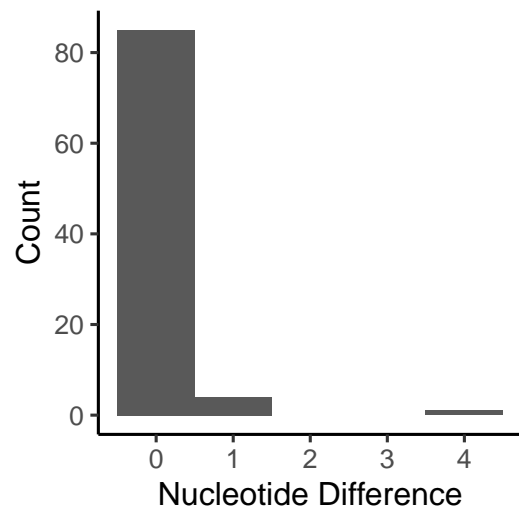
TRBV5-8*ap01

235 sequences assigned
232 (98.7%) exact matches, in which:
230 unique CDR3
13 unique J



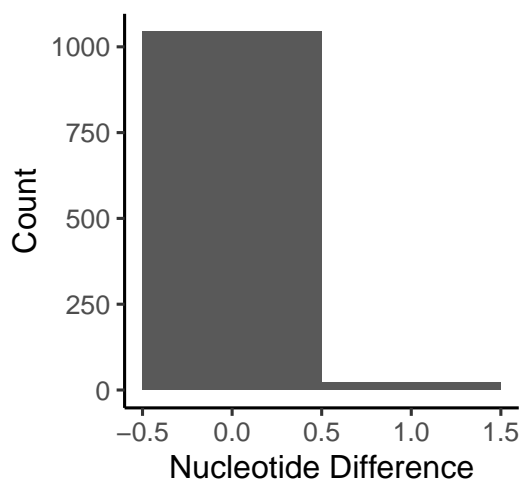
TRBV6-7*ap01

90 sequences assigned
85 (94.4%) exact matches, in which:
82 unique CDR3
11 unique J



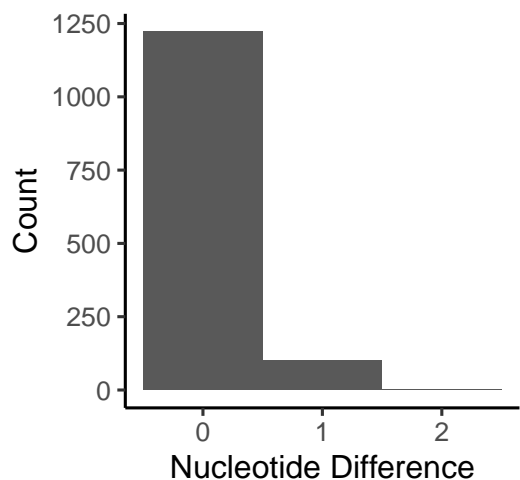
TRBV5-6*ap01

1065 sequences assigned
1044 (98%) exact matches, in which:
1020 unique CDR3
13 unique J



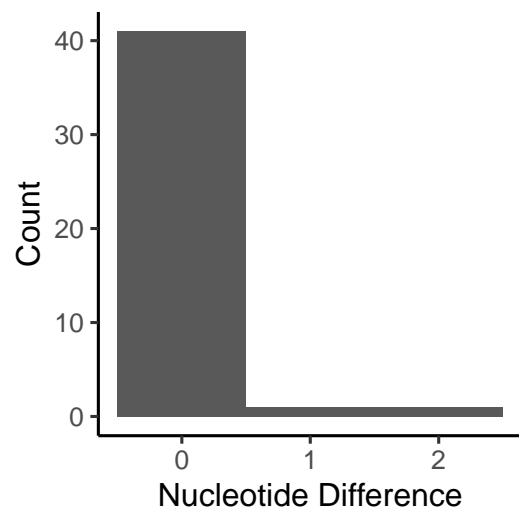
TRBV6-1*ap01

1325 sequences assigned
1222 (92.2%) exact matches, in which:
1203 unique CDR3
13 unique J



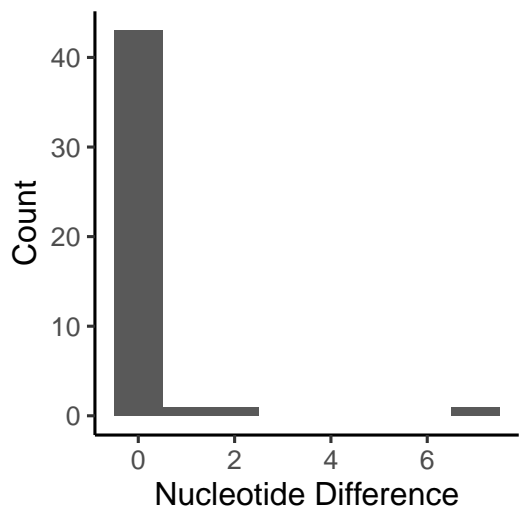
TRBV6-8*ap01

43 sequences assigned
41 (95.3%) exact matches, in which:
41 unique CDR3
9 unique J



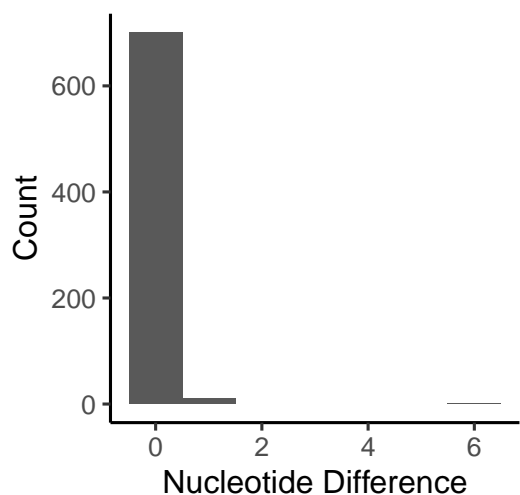
TRBV5-7*ap01

46 sequences assigned
43 (93.5%) exact matches, in which:
42 unique CDR3
10 unique J



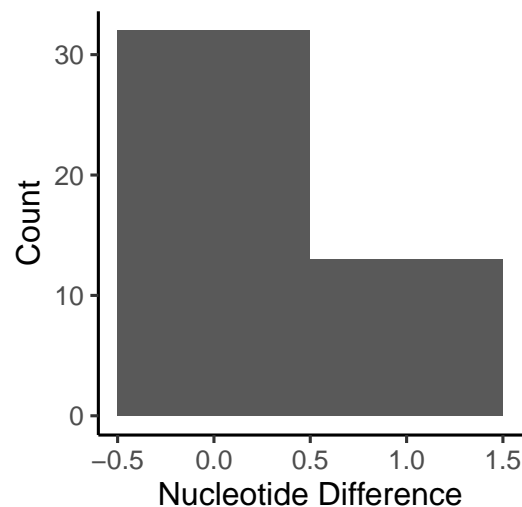
TRBV6-4*ap01

713 sequences assigned
701 (98.3%) exact matches, in which:
690 unique CDR3
13 unique J



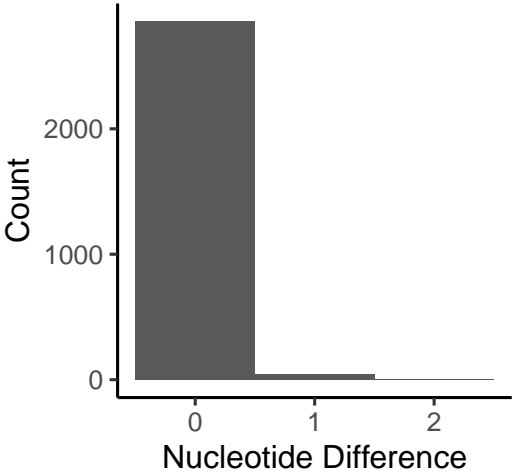
TRBV6-9*ap01

45 sequences assigned
32 (71.1%) exact matches, in which:
32 unique CDR3
9 unique J



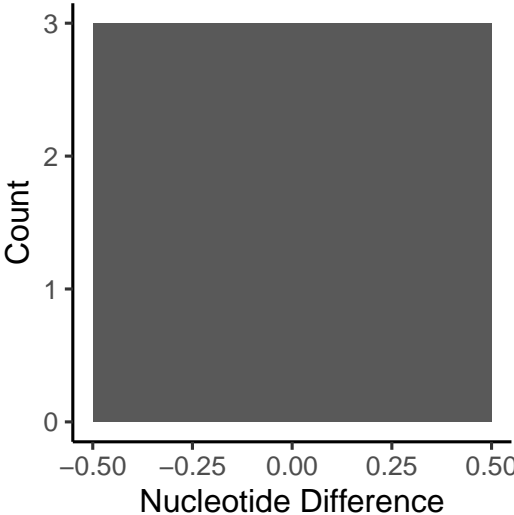
TRBV6-23*ap01

2899 sequences assigned
2856 (98.5%) exact matches, in which:
2803 unique CDR3
13 unique J



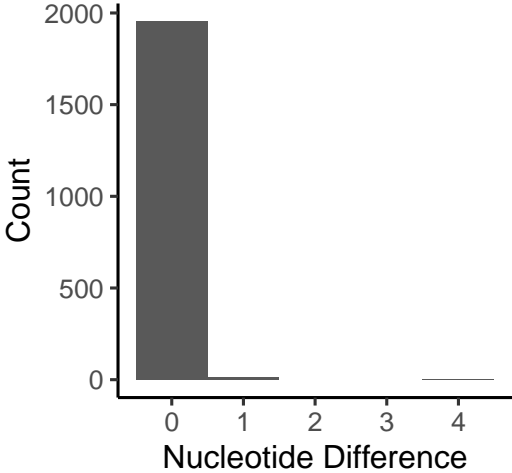
TRBV7-1*ap01

3 sequences assigned
3 (100%) exact matches, in which:
3 unique CDR3
3 unique J



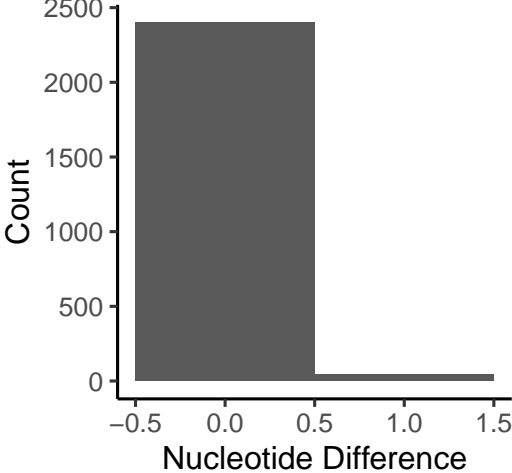
TRBV7-2*ap01

1968 sequences assigned
1954 (99.3%) exact matches, in which:
1934 unique CDR3
13 unique J



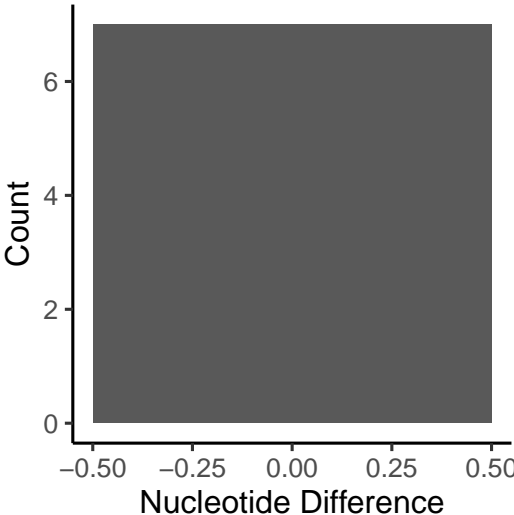
TRBV6-56*ap01

2443 sequences assigned
2399 (98.2%) exact matches, in which:
2364 unique CDR3
13 unique J



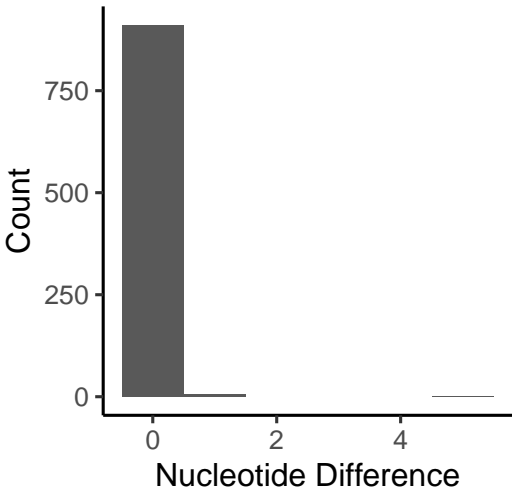
TRBV7-1*ap01_G291C_T2

7 sequences assigned
7 (100%) exact matches, in which:
7 unique CDR3
5 unique J



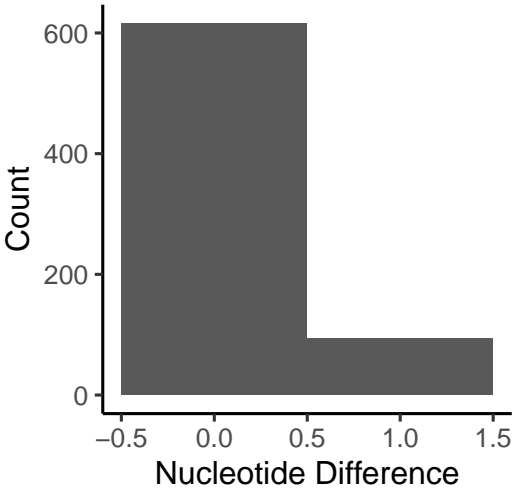
TRBV7-3*ap01

920 sequences assigned
911 (99%) exact matches, in which:
898 unique CDR3
13 unique J



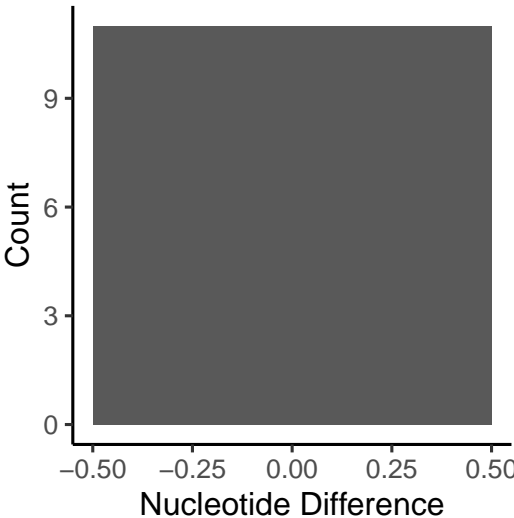
TRBV6-56*ap02

709 sequences assigned
616 (86.9%) exact matches, in which:
608 unique CDR3
13 unique J



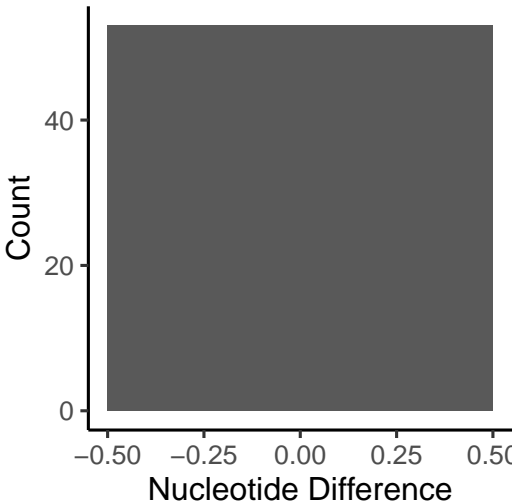
TRBV7-1*ap01_G291C_T2

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



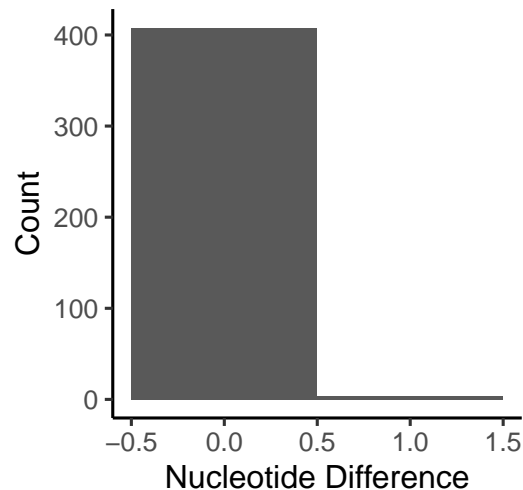
TRBV7-4*ap01

53 sequences assigned
53 (100%) exact matches, in which:
53 unique CDR3
10 unique J



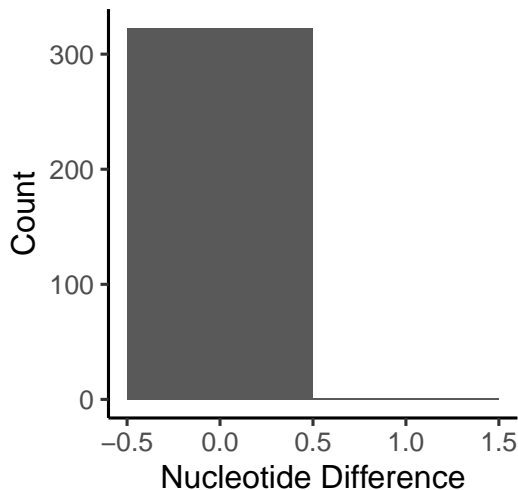
TRBV7-6*ap01

412 sequences assigned
408 (99%) exact matches, in which:
403 unique CDR3
12 unique J



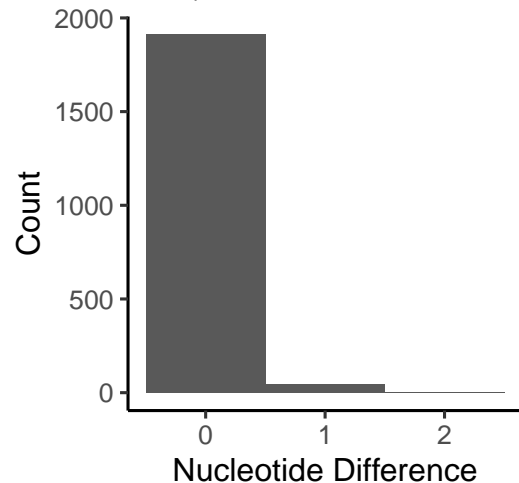
TRBV7-8*ap01

324 sequences assigned
323 (99.7%) exact matches, in which:
319 unique CDR3
12 unique J



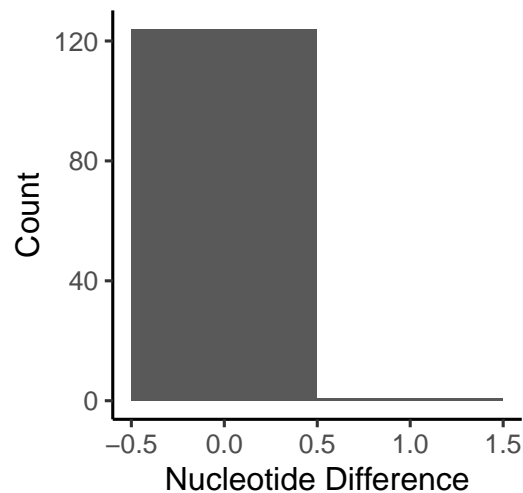
TRBV29-1*ap01

1958 sequences assigned
1912 (97.7%) exact matches, in which:
1864 unique CDR3
13 unique J



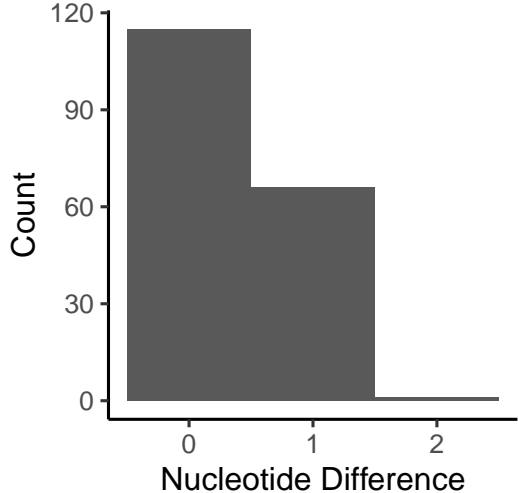
TRBV7-7*ap01

125 sequences assigned
124 (99.2%) exact matches, in which:
121 unique CDR3
12 unique J



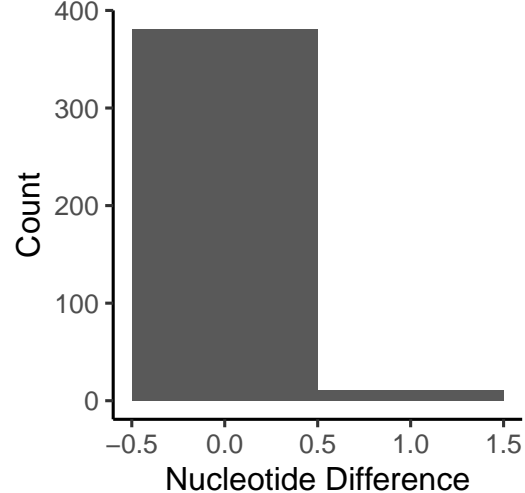
TRBV7-8*ap03

182 sequences assigned
115 (63.2%) exact matches, in which:
114 unique CDR3
11 unique J



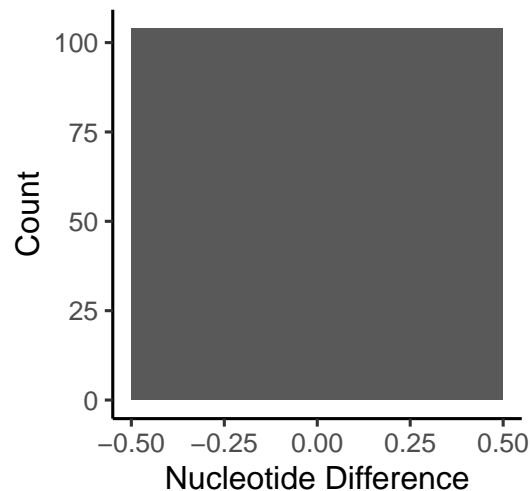
TRBV29-1*ap02

392 sequences assigned
381 (97.2%) exact matches, in which:
365 unique CDR3
13 unique J



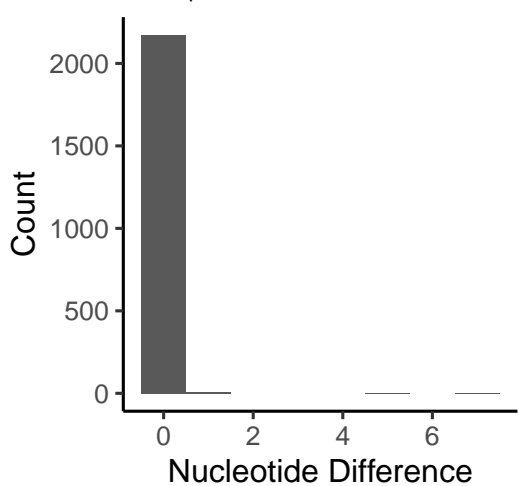
TRBV7-7*ap01_C315T

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

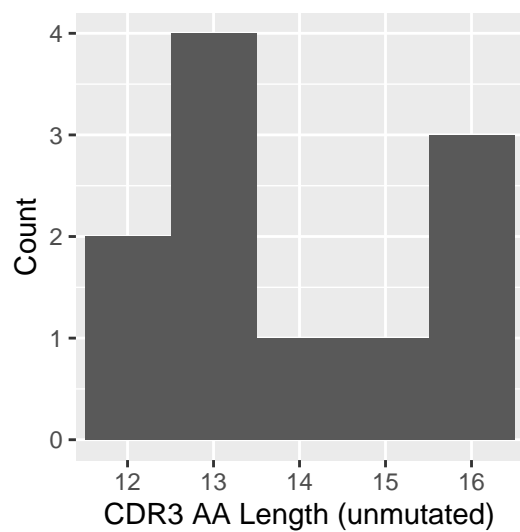


TRBV7-9*ap01

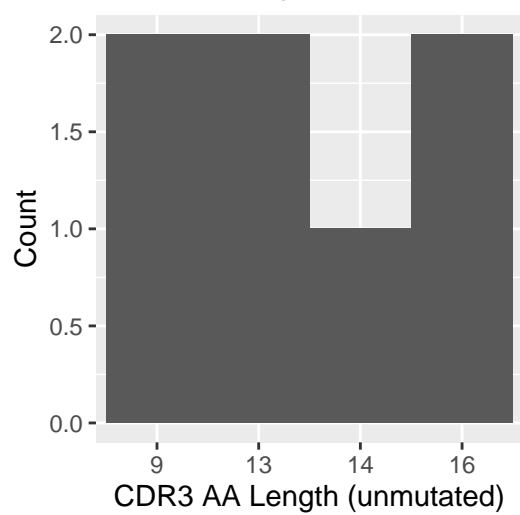
2181 sequences assigned
2172 (99.6%) exact matches, in which:
2148 unique CDR3
13 unique J



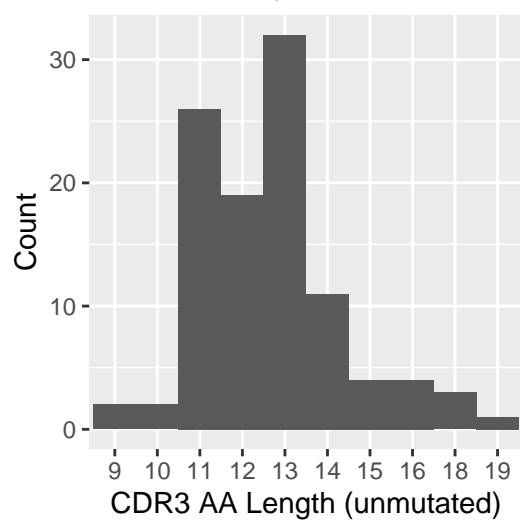
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.