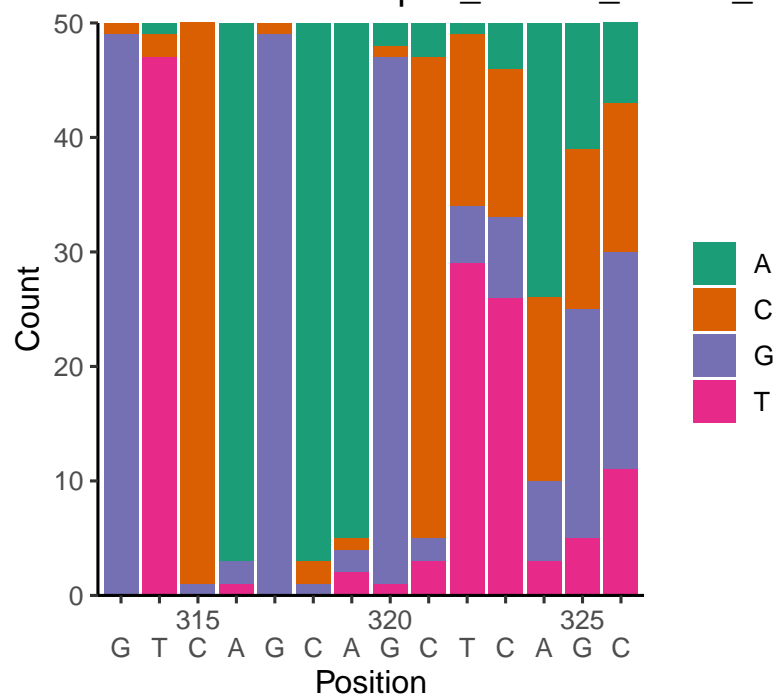
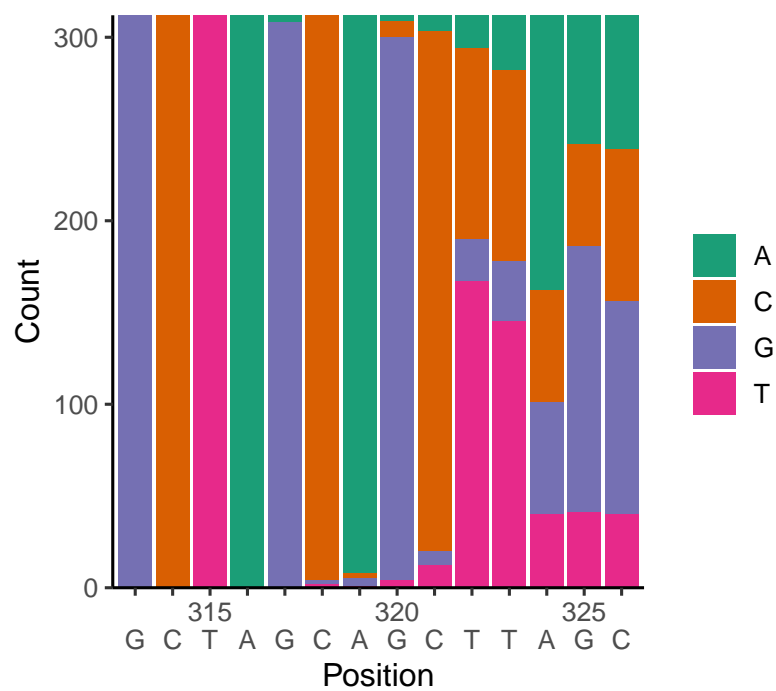


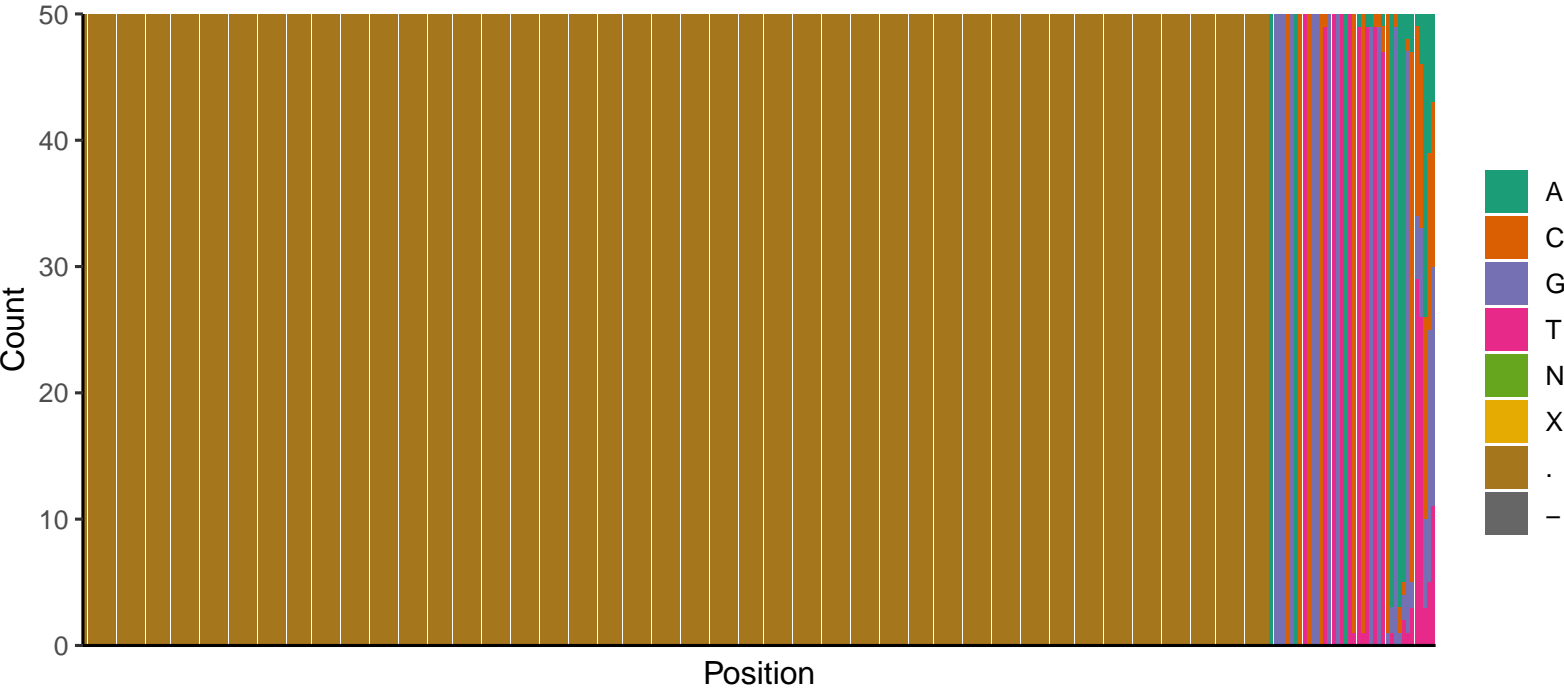
Gene TRBV7-1*ap01_G291C_T296C_C314T



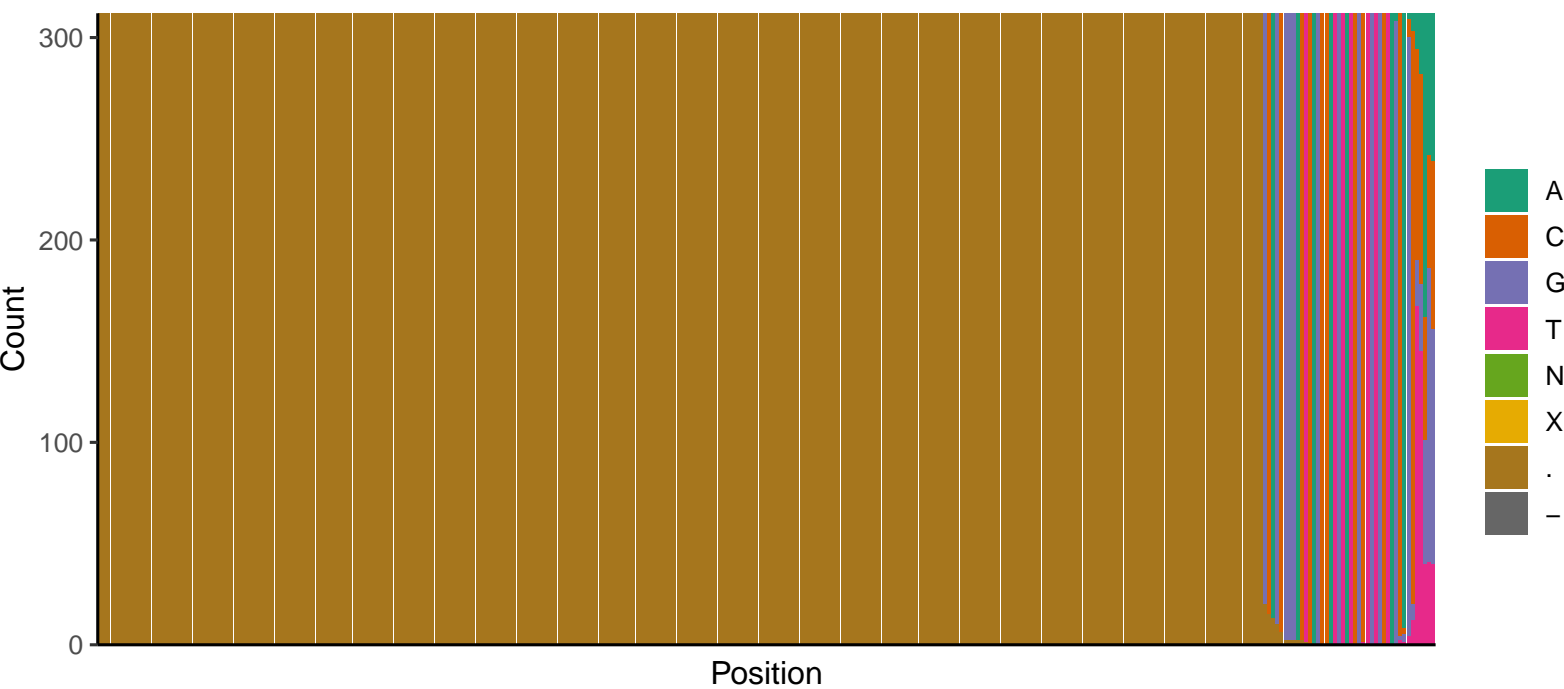
Gene TRBV7-7*ap01_C315T



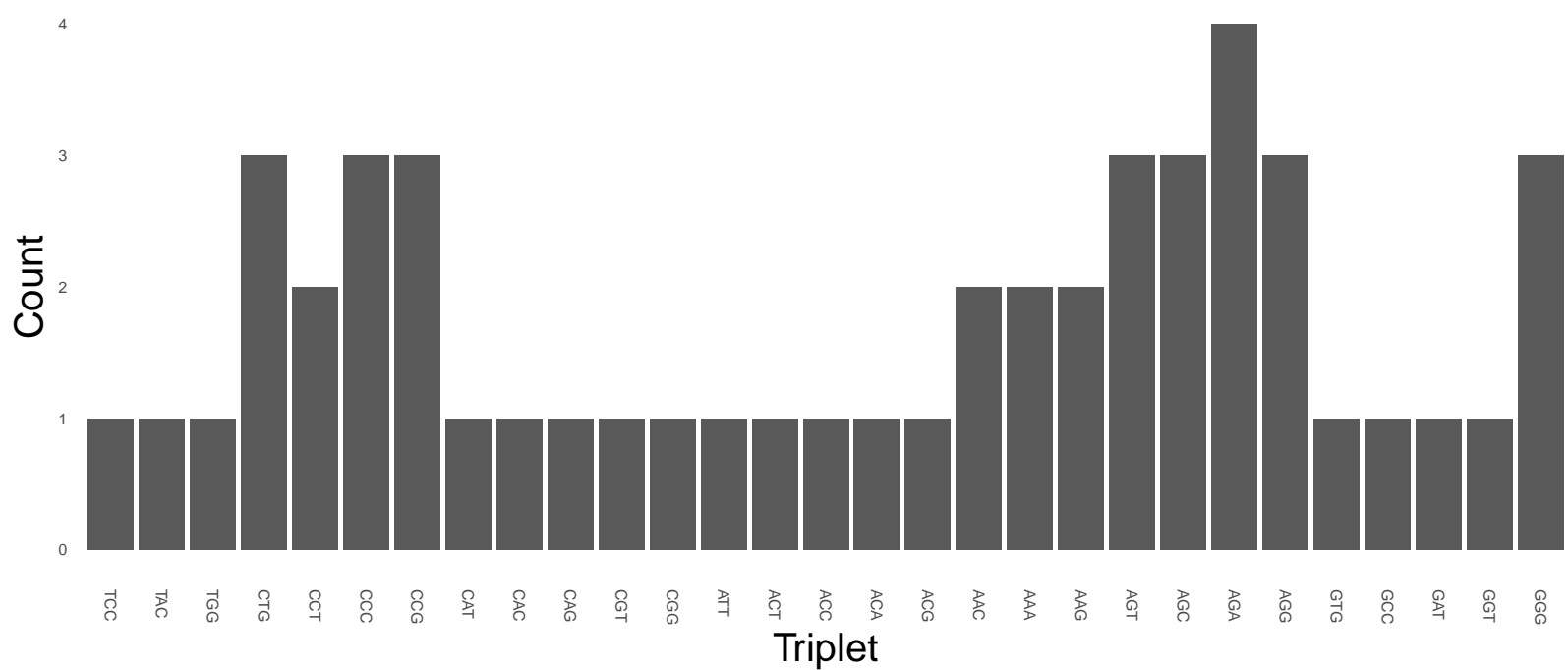
Gene TRBV7-1*ap01_G291C_T296C_C314T



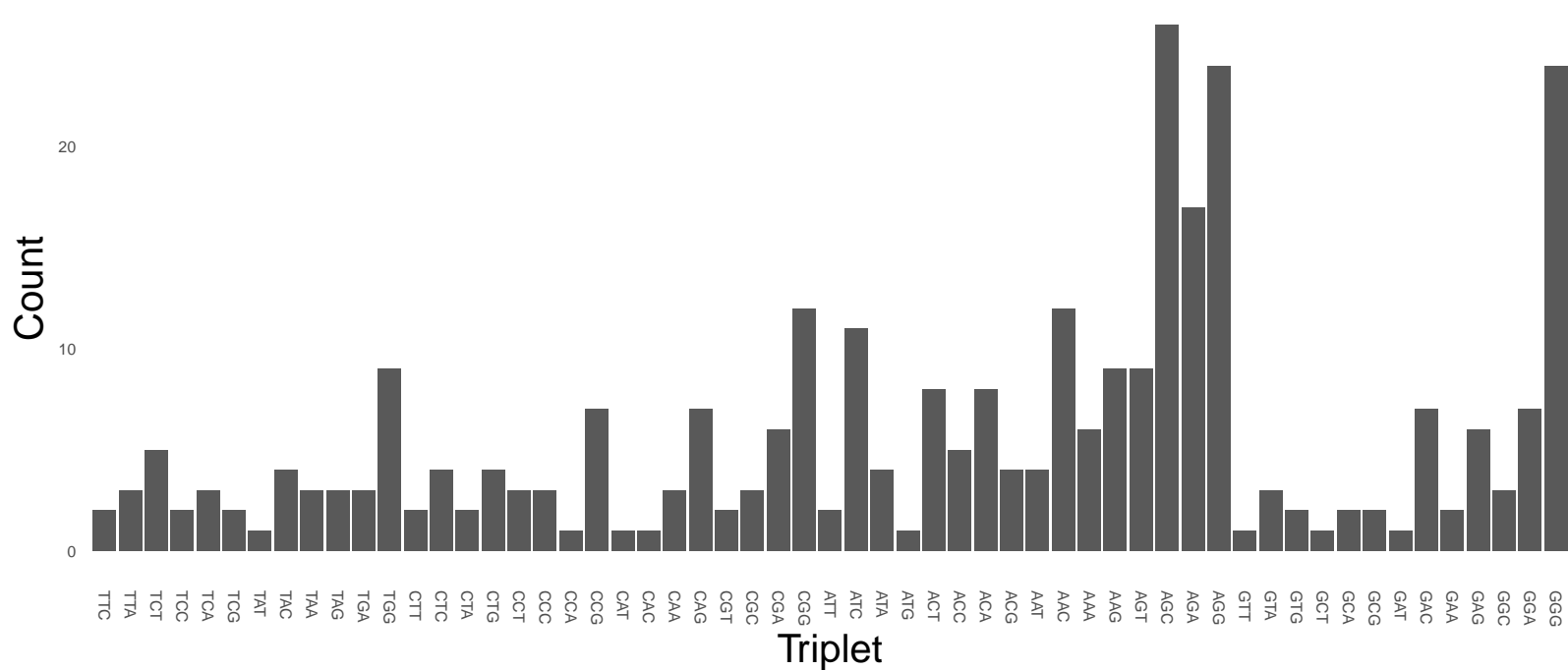
Gene TRBV7-7*ap01_C315T



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

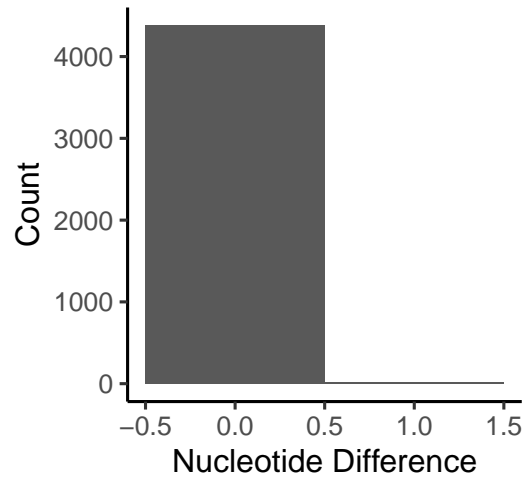


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



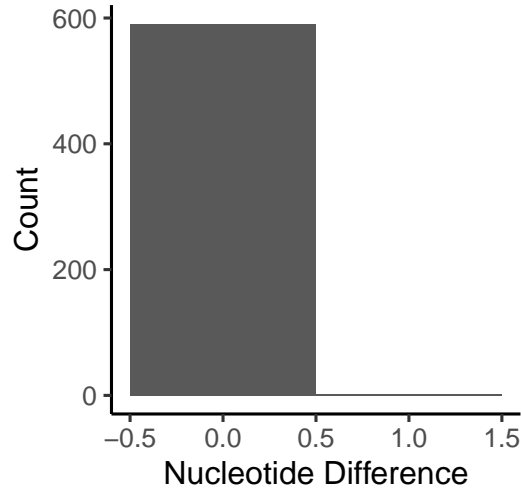
TRBV20-1*ap01

4394 sequences assigned
4381 (99.7%) exact matches, in which:
4372 unique CDR3
13 unique J



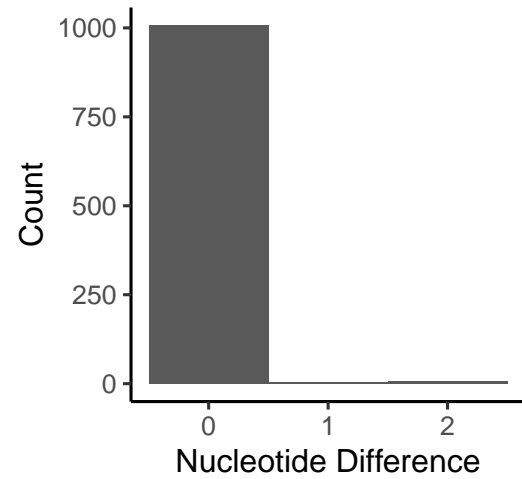
TRBV10-2*ap01

593 sequences assigned
591 (99.7%) exact matches, in which:
591 unique CDR3
13 unique J



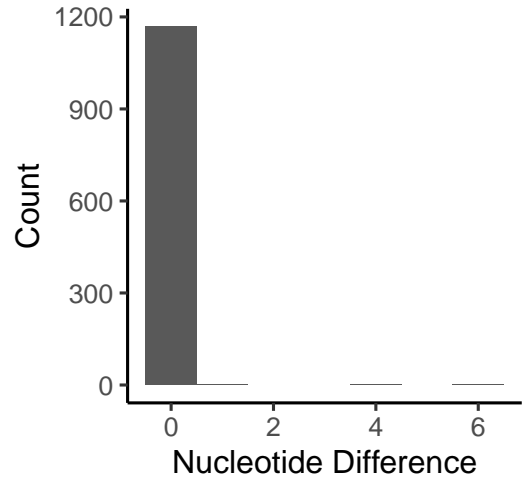
TRBV13*ap01

1019 sequences assigned
1007 (98.8%) exact matches, in which:
1007 unique CDR3
13 unique J



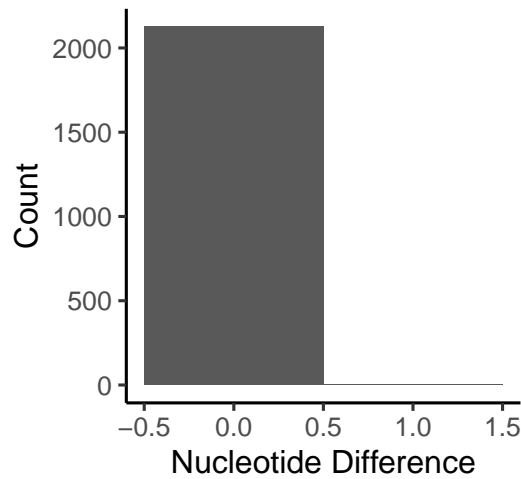
TRBV10-1*ap01

1171 sequences assigned
1168 (99.7%) exact matches, in which:
1166 unique CDR3
13 unique J



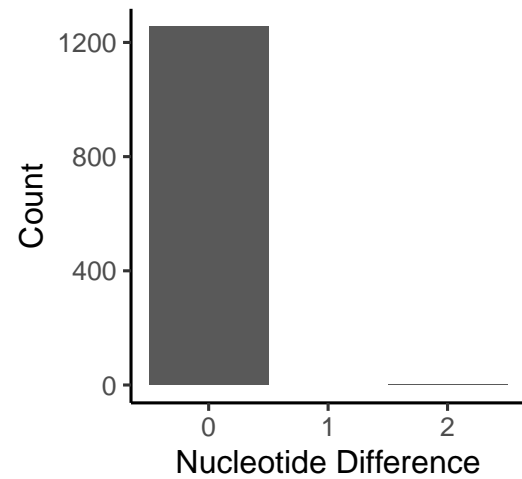
TRBV10-3*ap01

2131 sequences assigned
2126 (99.8%) exact matches, in which:
2125 unique CDR3
13 unique J



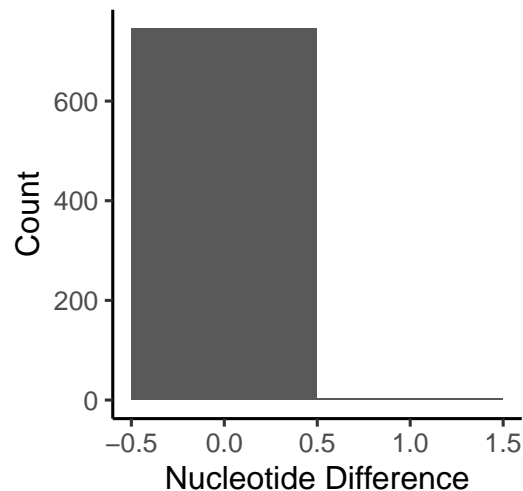
TRBV14*ap01

1256 sequences assigned
1255 (99.9%) exact matches, in which:
1255 unique CDR3
13 unique J



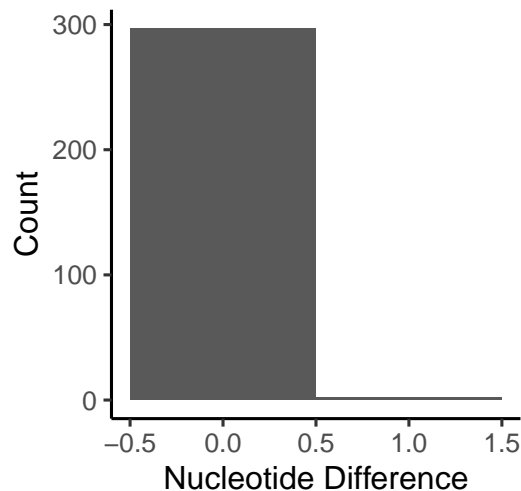
TRBV20-1*ap02

749 sequences assigned
746 (99.6%) exact matches, in which:
746 unique CDR3
13 unique J



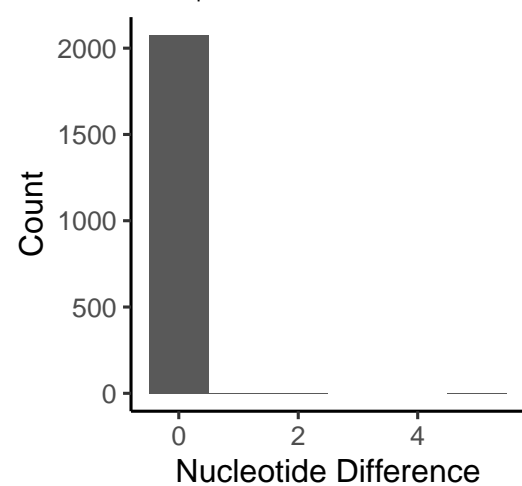
TRBV1*ap01

299 sequences assigned
297 (99.3%) exact matches, in which:
296 unique CDR3
13 unique J



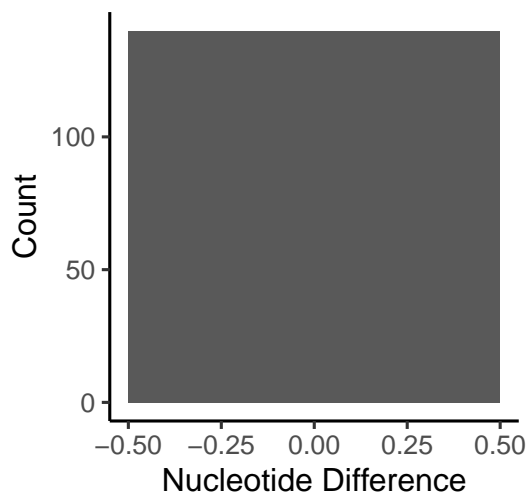
TRBV15*ap02

2080 sequences assigned
2076 (99.8%) exact matches, in which:
2070 unique CDR3
13 unique J



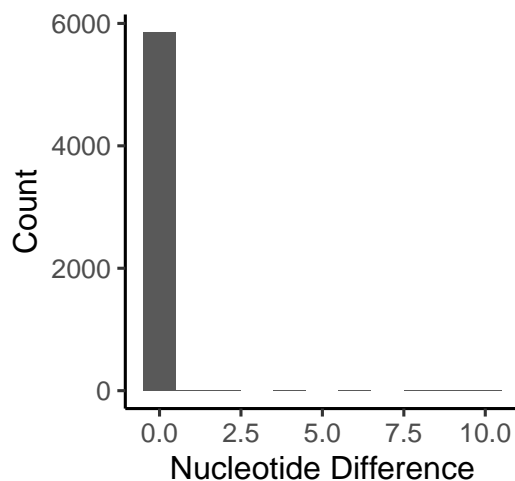
TRBV16*ap01

140 sequences assigned
140 (100%) exact matches, in which:
140 unique CDR3
13 unique J



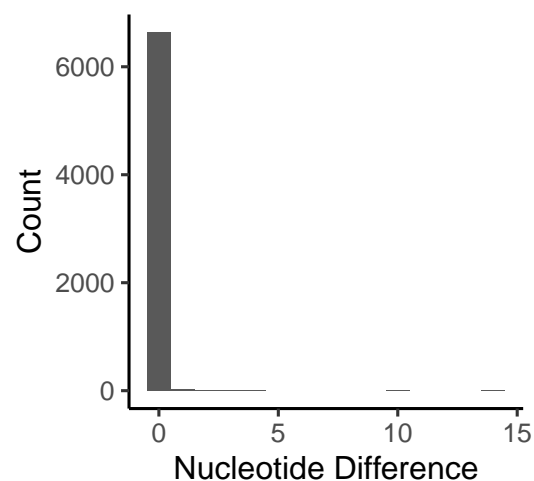
TRBV19*ap01

5876 sequences assigned
5853 (99.6%) exact matches, in which:
5853 unique CDR3
13 unique J



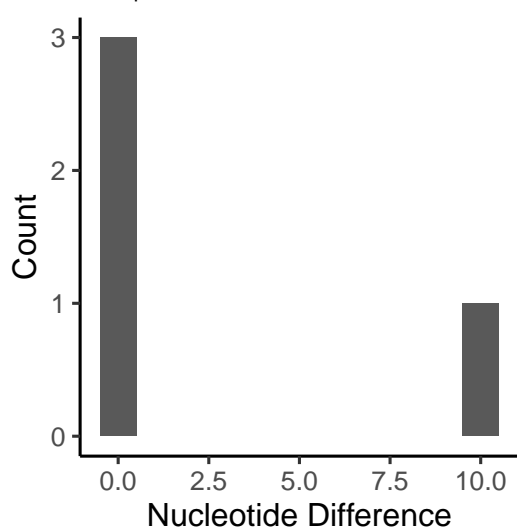
TRBV27*ap01

6671 sequences assigned
6636 (99.5%) exact matches, in which:
6613 unique CDR3
13 unique J



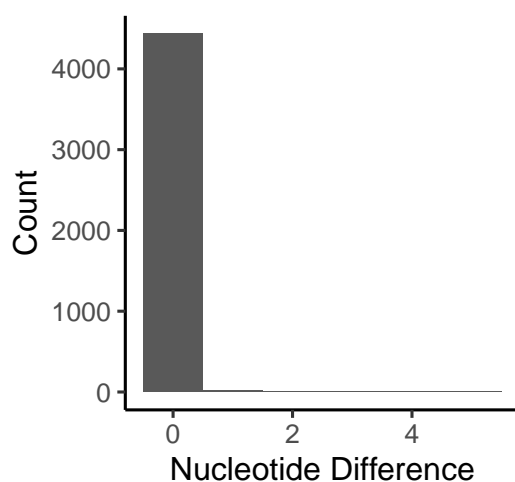
TRBV17*ap01

4 sequences assigned
3 (75%) exact matches, in which:
3 unique CDR3
2 unique J



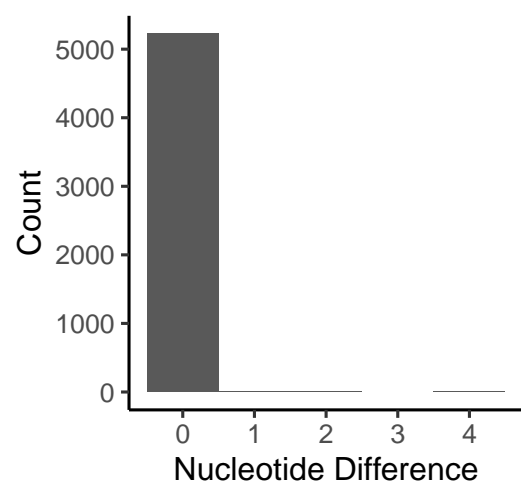
TRBV2*ap01

4456 sequences assigned
4435 (99.5%) exact matches, in which:
4424 unique CDR3
13 unique J



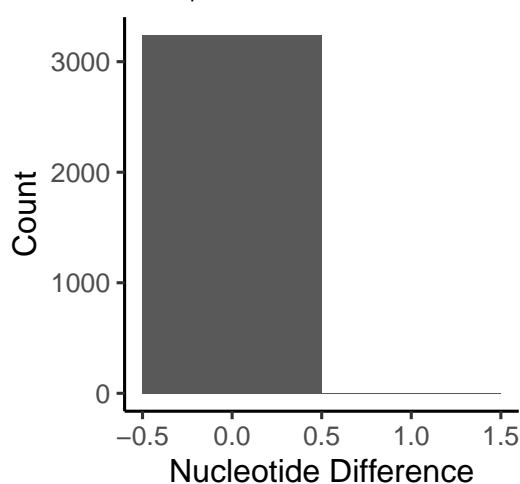
TRBV28*ap01

5235 sequences assigned
5225 (99.8%) exact matches, in which:
5224 unique CDR3
13 unique J



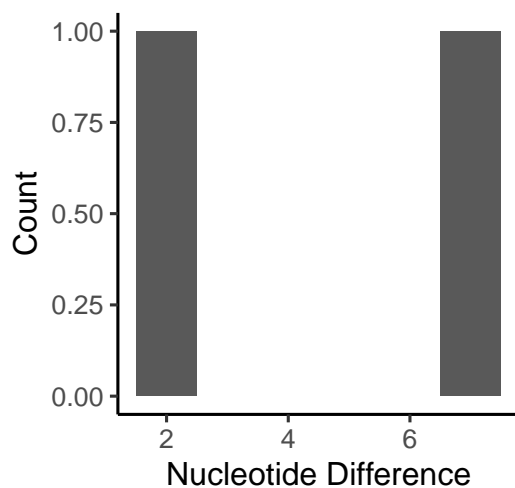
TRBV18*ap01

3245 sequences assigned
3241 (99.9%) exact matches, in which:
3238 unique CDR3
13 unique J



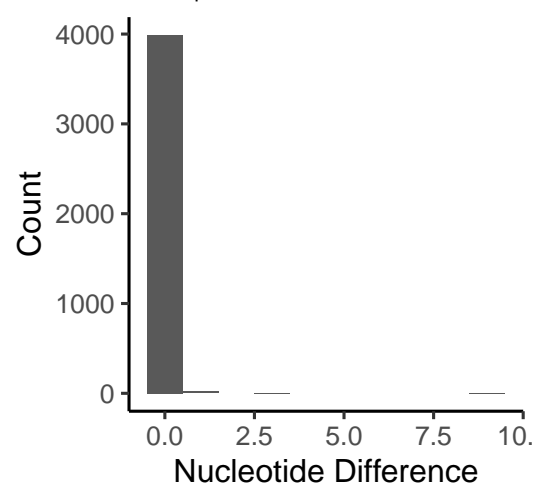
TRBV26*ap01

2 sequences assigned
No exact matches.



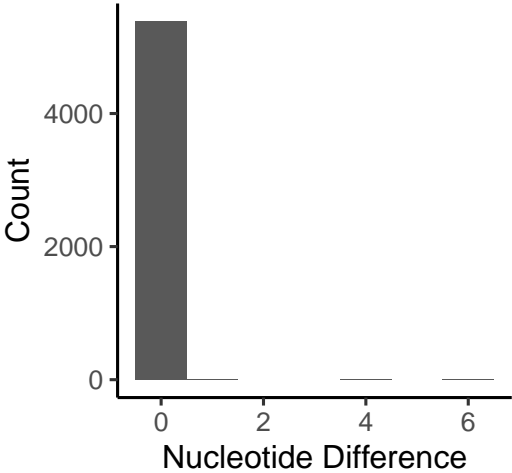
TRBV30*ap01

4015 sequences assigned
3989 (99.4%) exact matches, in which:
3977 unique CDR3
13 unique J



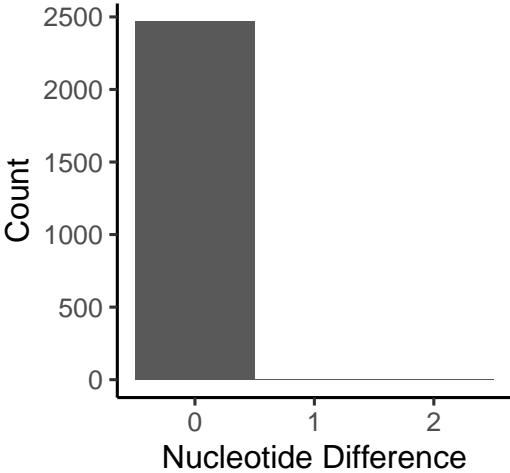
TRBV9*ap01

5396 sequences assigned
5384 (99.8%) exact matches, in which:
5373 unique CDR3
13 unique J



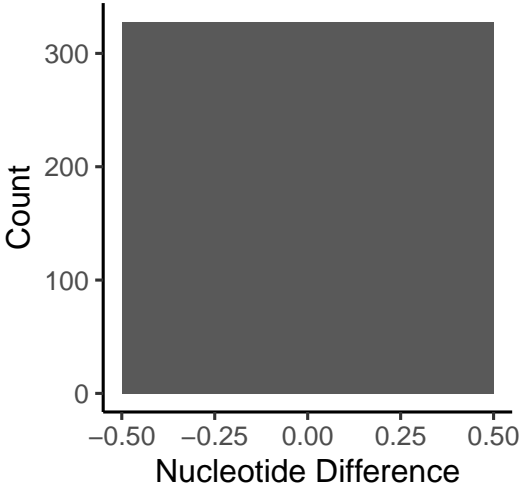
TRBV11-2*ap01

2471 sequences assigned
2469 (99.9%) exact matches, in which:
2468 unique CDR3
13 unique J



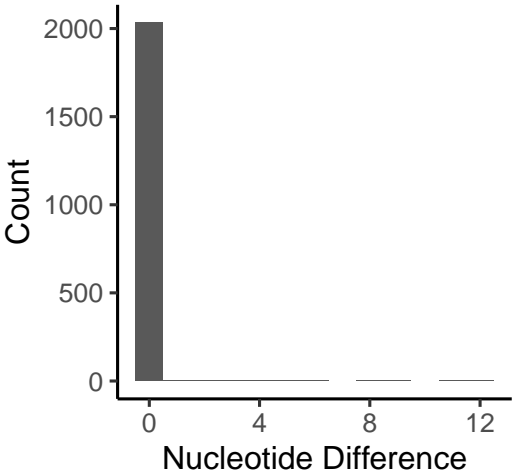
TRBV12-2*ap01

328 sequences assigned
328 (100%) exact matches, in which:
328 unique CDR3
13 unique J



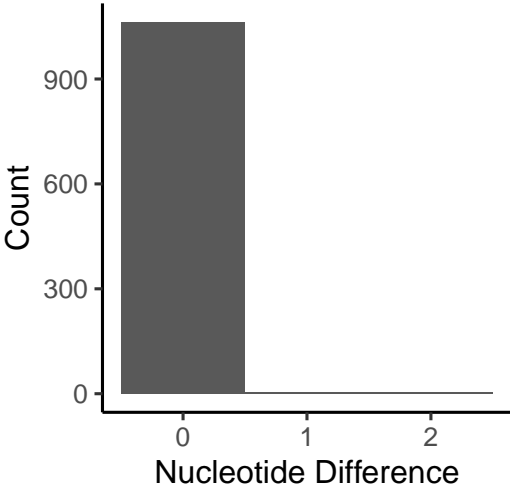
TRBV21-1*ap01

2051 sequences assigned
2033 (99.1%) exact matches, in which:
2033 unique CDR3
13 unique J



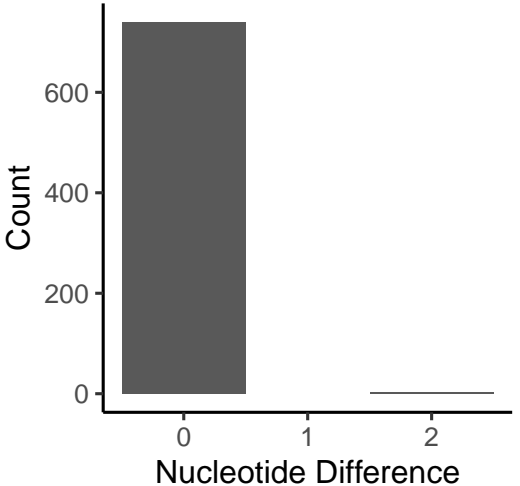
TRBV11-3*ap01

1069 sequences assigned
1063 (99.4%) exact matches, in which:
1063 unique CDR3
13 unique J



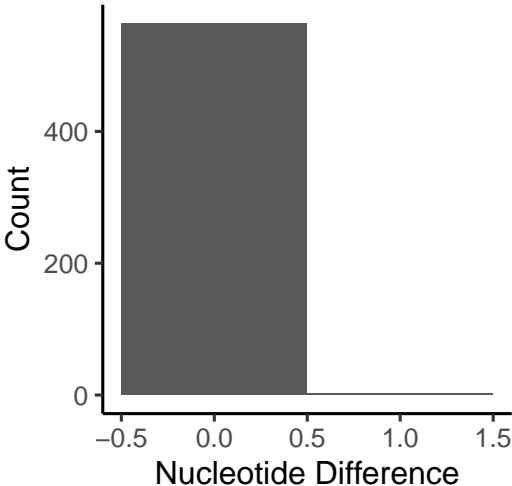
TRBV12-5*ap01

742 sequences assigned
740 (99.7%) exact matches, in which:
739 unique CDR3
13 unique J



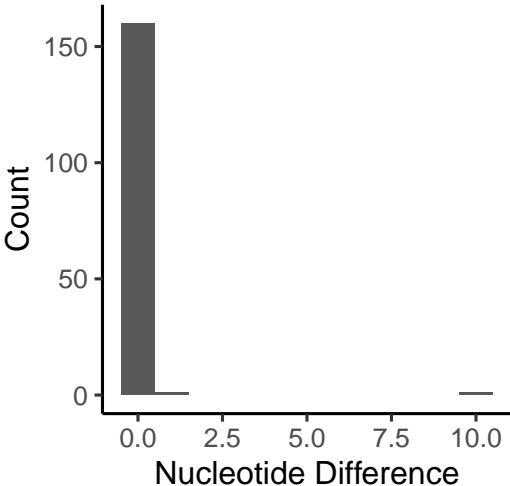
TRBV11-1*ap01

566 sequences assigned
564 (99.6%) exact matches, in which:
563 unique CDR3
13 unique J



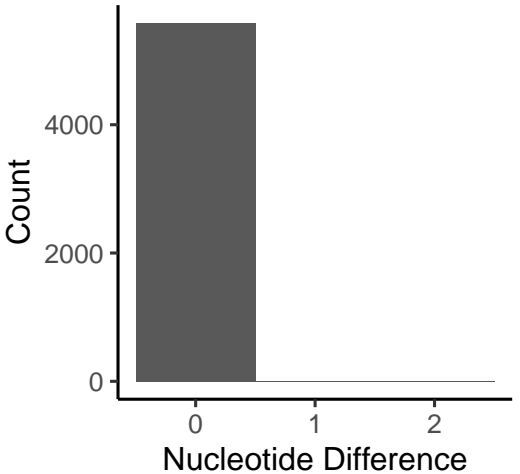
TRBV12-1*ap01

162 sequences assigned
160 (98.8%) exact matches, in which:
160 unique CDR3
13 unique J



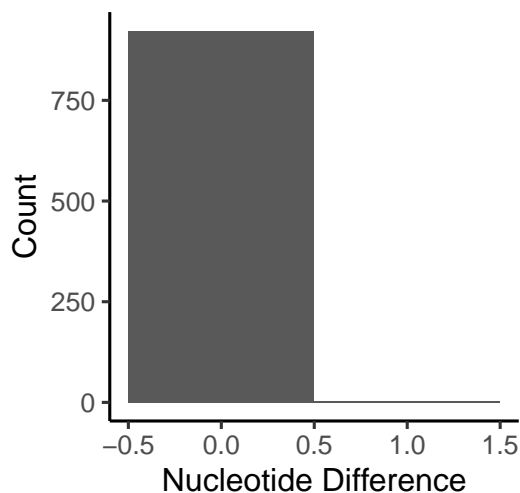
TRBV12-34*ap01

5593 sequences assigned
5585 (99.9%) exact matches, in which:
5581 unique CDR3
13 unique J



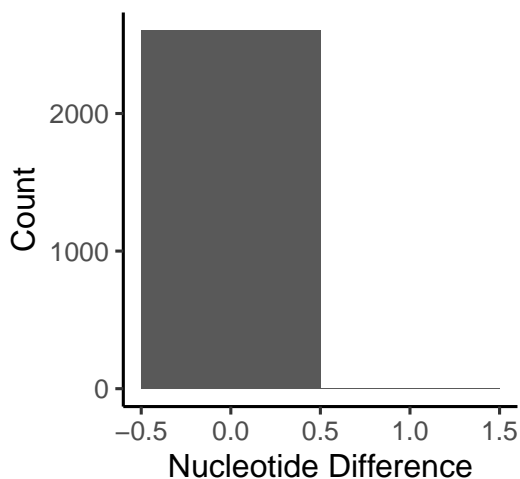
TRBV23–1*ap01

926 sequences assigned
923 (99.7%) exact matches, in which:
923 unique CDR3
13 unique J



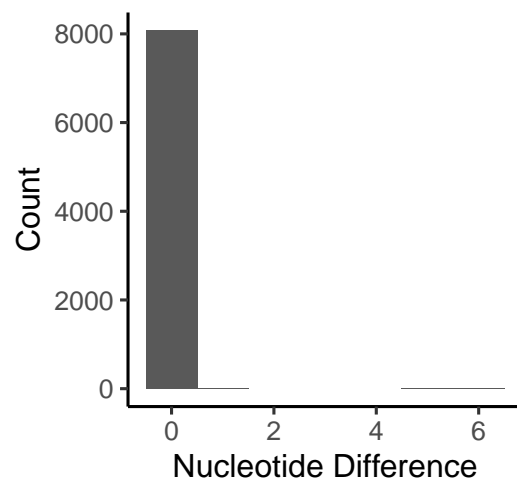
TRBV4–1*ap01

2608 sequences assigned
2604 (99.8%) exact matches, in which:
2597 unique CDR3
13 unique J



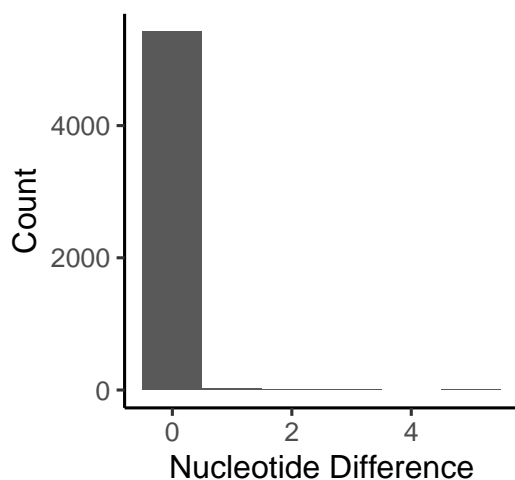
TRBV5–1*ap01

8098 sequences assigned
8078 (99.8%) exact matches, in which:
8047 unique CDR3
13 unique J



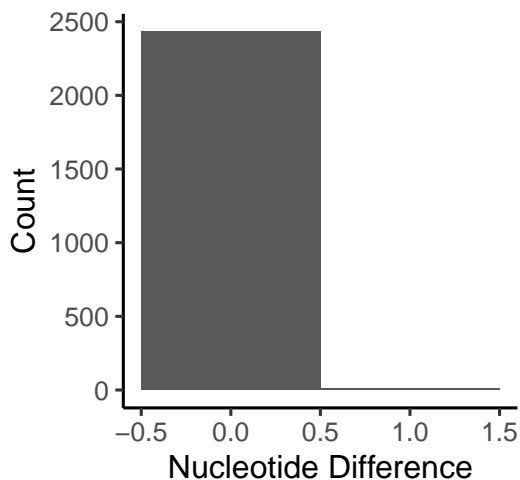
TRBV3–12*ap01

5445 sequences assigned
5420 (99.5%) exact matches, in which:
5409 unique CDR3
13 unique J



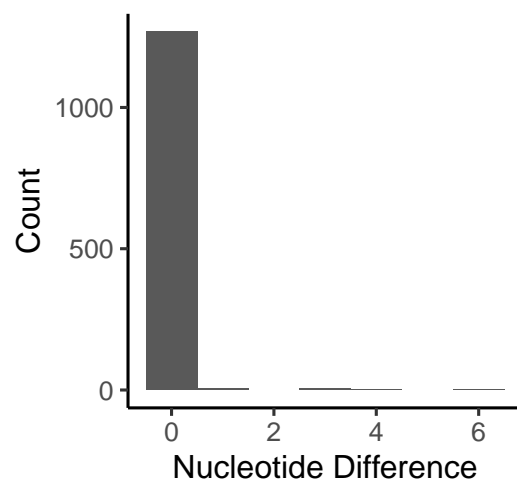
TRBV4–2*ap01

2442 sequences assigned
2432 (99.6%) exact matches, in which:
2427 unique CDR3
13 unique J



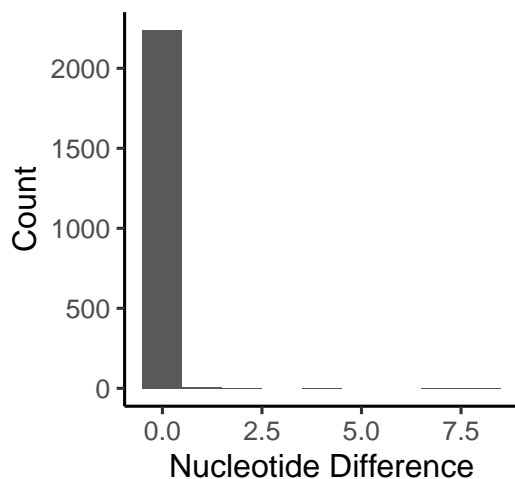
TRBV25–1*ap01

1280 sequences assigned
1268 (99.1%) exact matches, in which:
1264 unique CDR3
13 unique J



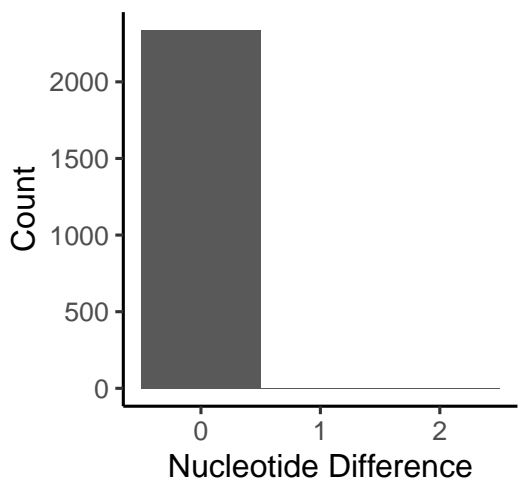
TRBV24–1*ap01

2251 sequences assigned
2239 (99.5%) exact matches, in which:
2236 unique CDR3
13 unique J



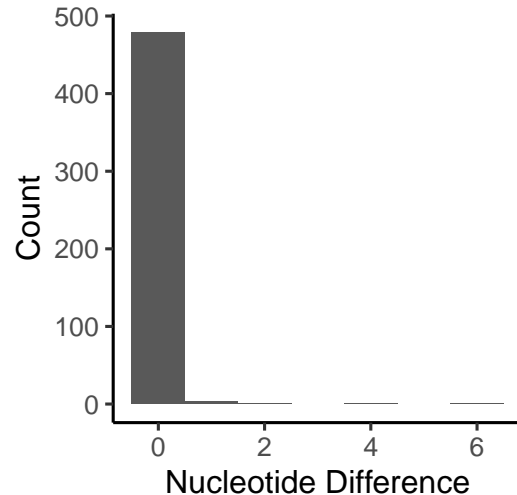
TRBV4–3*ap01

2343 sequences assigned
2338 (99.8%) exact matches, in which:
2331 unique CDR3
13 unique J



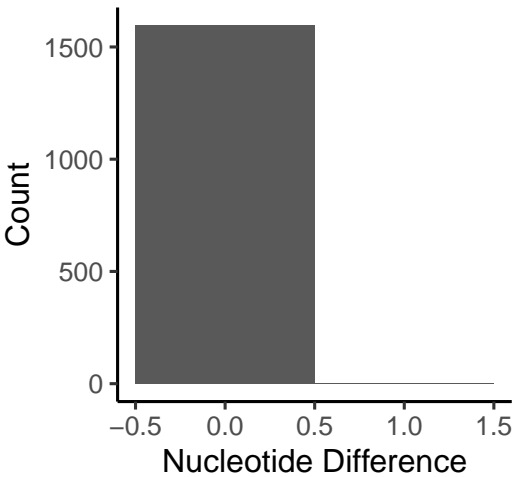
TRBV5–3*ap01

485 sequences assigned
479 (98.8%) exact matches, in which:
479 unique CDR3
13 unique J



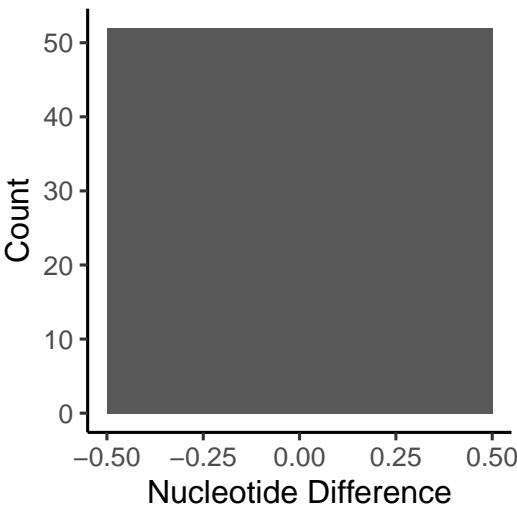
TRBV5-4*ap01

1598 sequences assigned
1596 (99.9%) exact matches, in which:
1595 unique CDR3
13 unique J



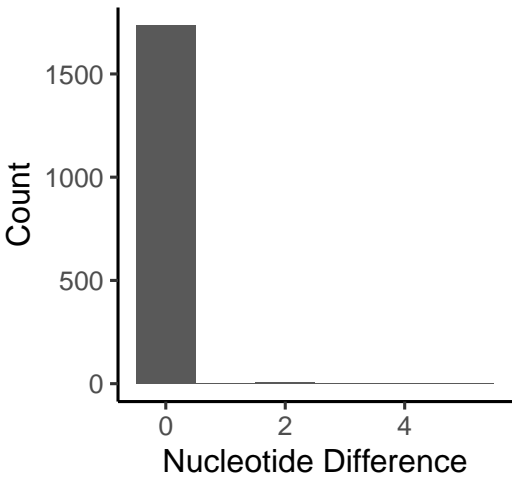
TRBV5-7*ap01

52 sequences assigned
52 (100%) exact matches, in which:
52 unique CDR3
10 unique J



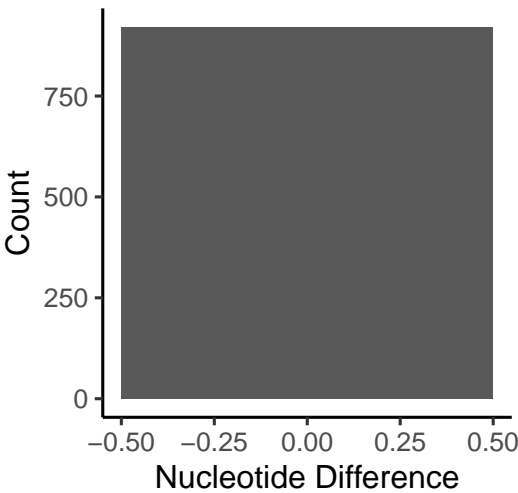
TRBV6-4*ap01

1748 sequences assigned
1735 (99.3%) exact matches, in which:
1734 unique CDR3
13 unique J



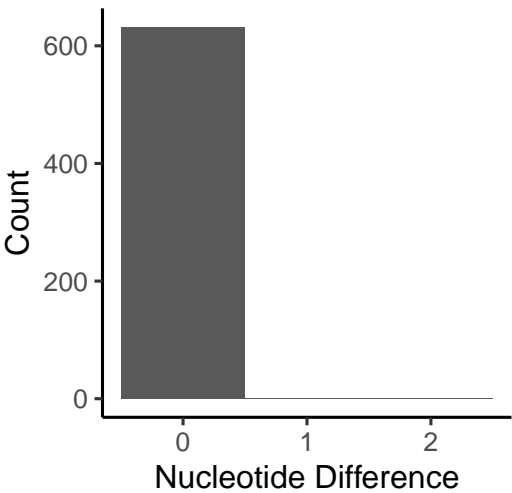
TRBV5-5*ap01

921 sequences assigned
921 (100%) exact matches, in which:
921 unique CDR3
13 unique J



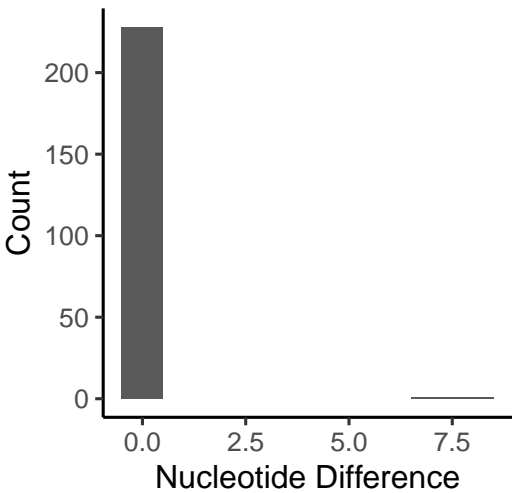
TRBV5-8*ap01

634 sequences assigned
632 (99.7%) exact matches, in which:
631 unique CDR3
13 unique J



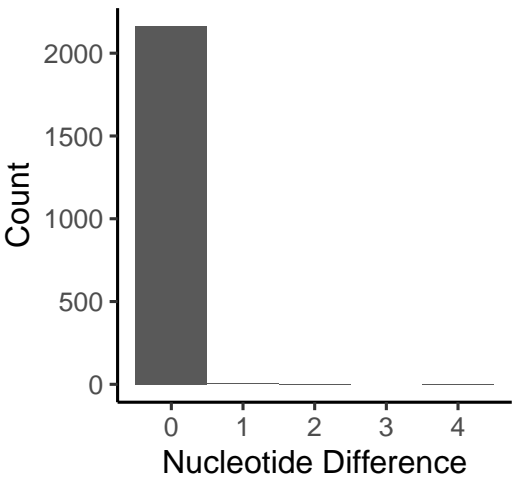
TRBV6-7*ap01

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



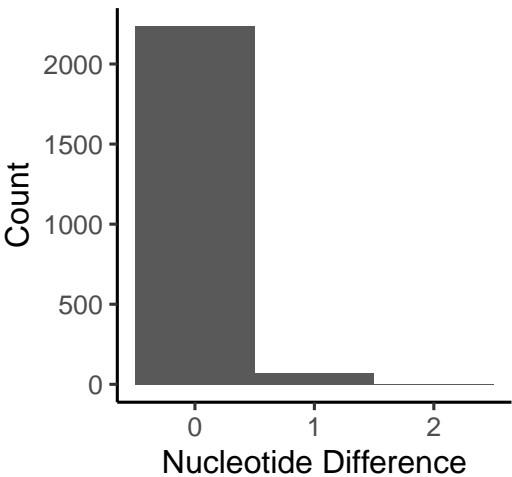
TRBV5-6*ap01

2170 sequences assigned
2164 (99.7%) exact matches, in which:
2158 unique CDR3
13 unique J



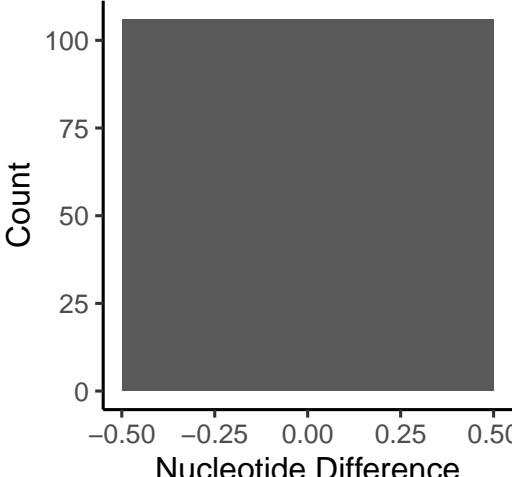
TRBV6-1*ap01

2307 sequences assigned
2237 (97%) exact matches, in which:
2231 unique CDR3
13 unique J



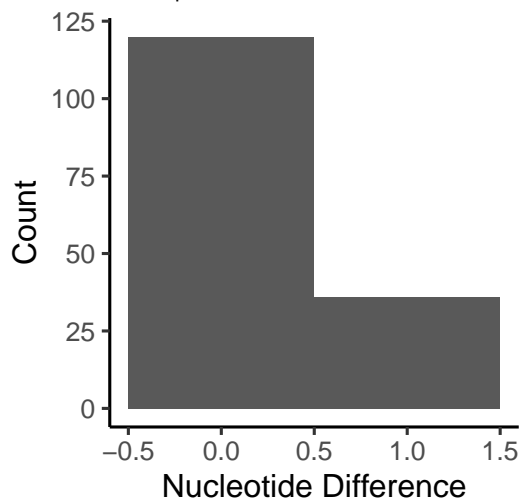
TRBV6-8*ap01

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



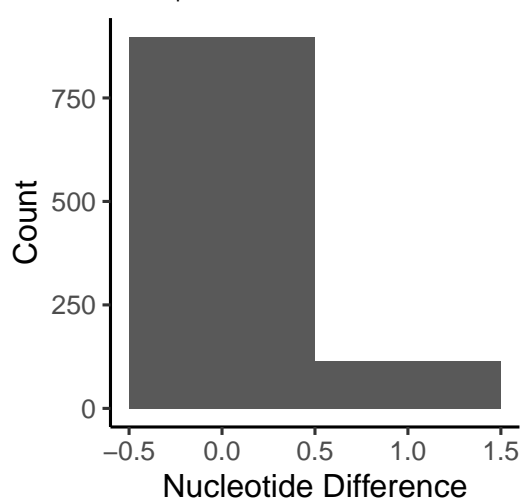
TRBV6-9*ap01

156 sequences assigned
120 (76.9%) exact matches, in which:
120 unique CDR3
13 unique J



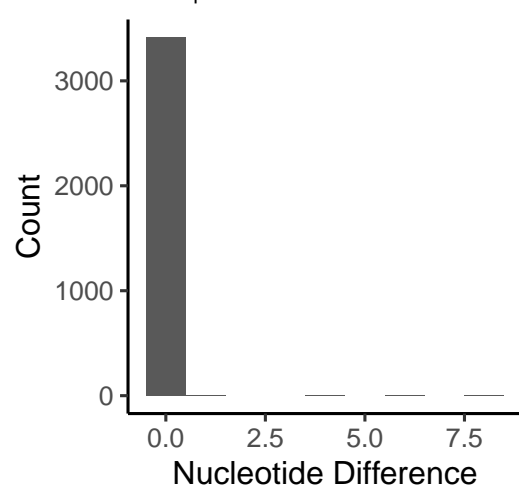
TRBV6-56*ap02

1013 sequences assigned
898 (88.6%) exact matches, in which:
897 unique CDR3
13 unique J



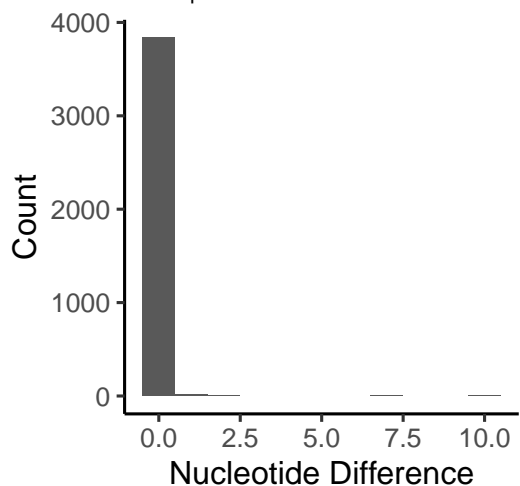
TRBV7-3*ap01

3422 sequences assigned
3414 (99.8%) exact matches, in which:
3405 unique CDR3
14 unique J



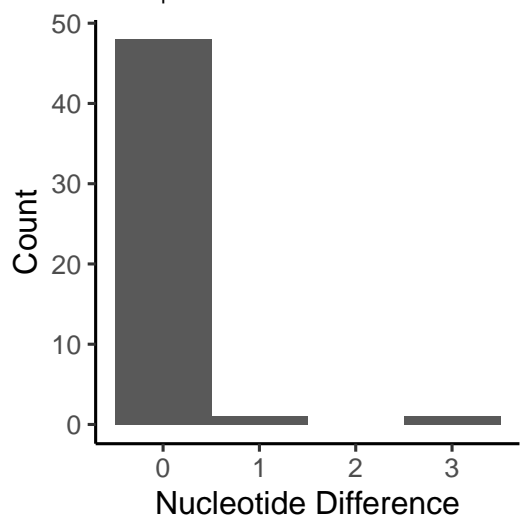
TRBV6-23*ap01

3852 sequences assigned
3836 (99.6%) exact matches, in which:
3828 unique CDR3
13 unique J



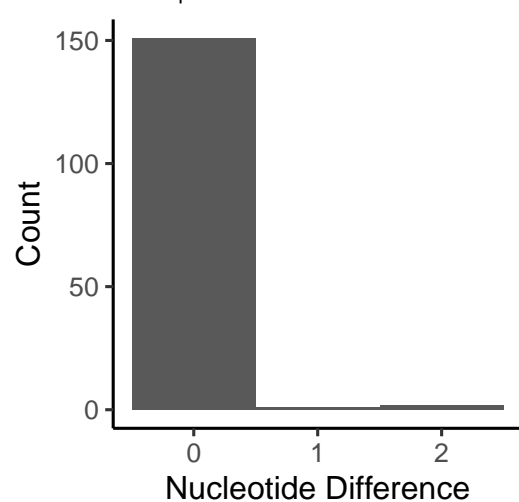
TRBV7-1*ap01_G291C_T

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



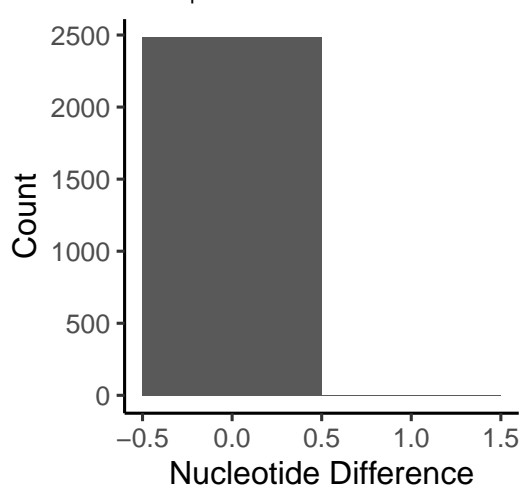
TRBV7-4*ap01

154 sequences assigned
151 (98.1%) exact matches, in which:
151 unique CDR3
13 unique J



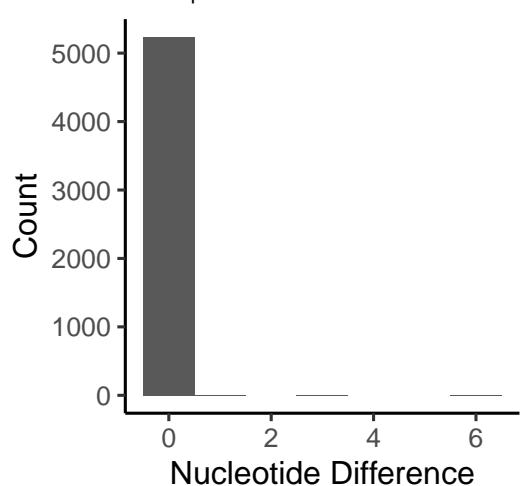
TRBV6-56*ap01

2490 sequences assigned
2486 (99.8%) exact matches, in which:
2480 unique CDR3
13 unique J



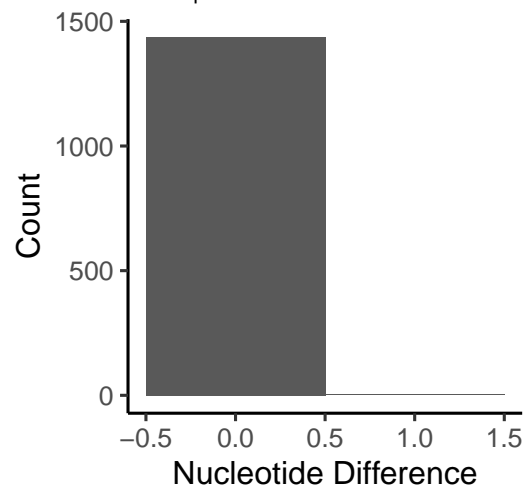
TRBV7-2*ap01

5242 sequences assigned
5235 (99.9%) exact matches, in which:
5233 unique CDR3
13 unique J



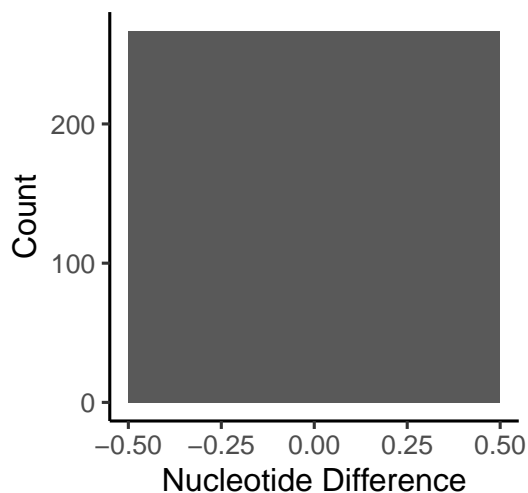
TRBV7-6*ap01

1441 sequences assigned
1437 (99.7%) exact matches, in which:
1436 unique CDR3
13 unique J



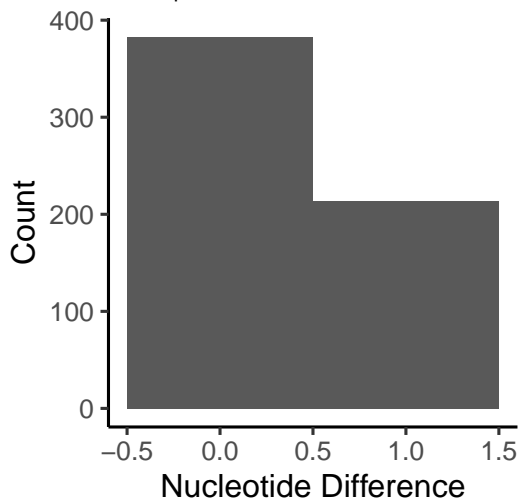
TRBV7-7*ap01

267 sequences assigned
267 (100%) exact matches, in which:
267 unique CDR3
12 unique J



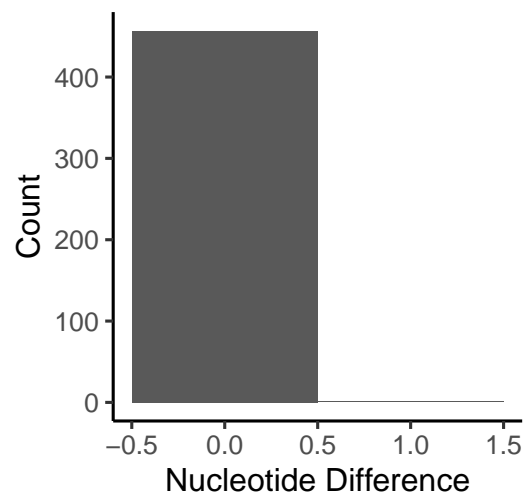
TRBV7-8*ap03

597 sequences assigned
383 (64.2%) exact matches, in which:
383 unique CDR3
13 unique J



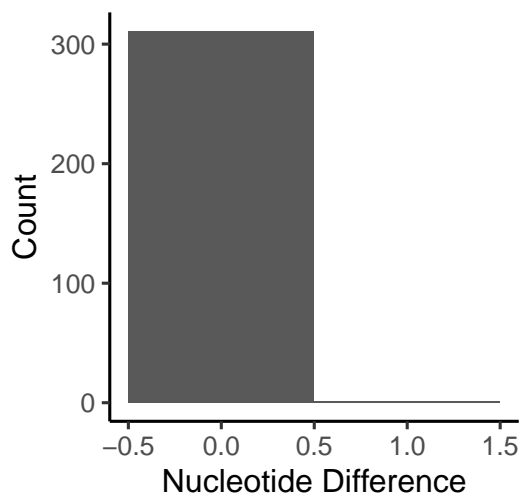
TRBV29-1*ap02

458 sequences assigned
457 (99.8%) exact matches, in which:
457 unique CDR3
13 unique J



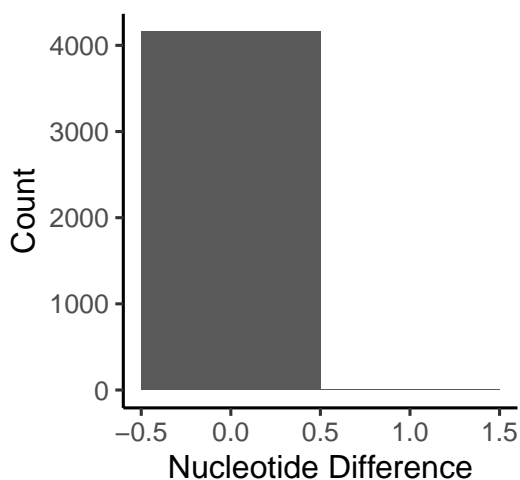
TRBV7-7*ap01_C315T

312 sequences assigned
311 (99.7%) exact matches, in which:
311 unique CDR3
13 unique J



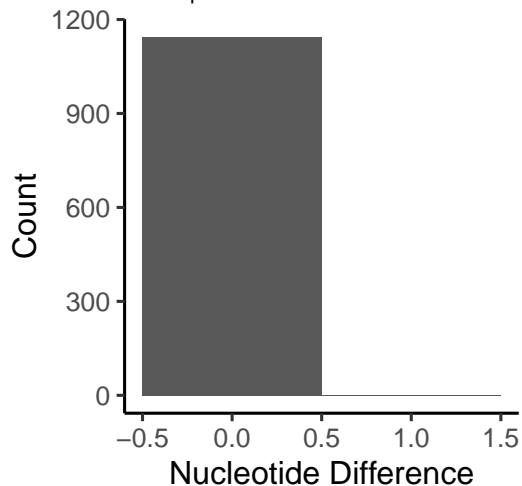
TRBV7-9*ap01

4162 sequences assigned
4158 (99.9%) exact matches, in which:
4156 unique CDR3
13 unique J



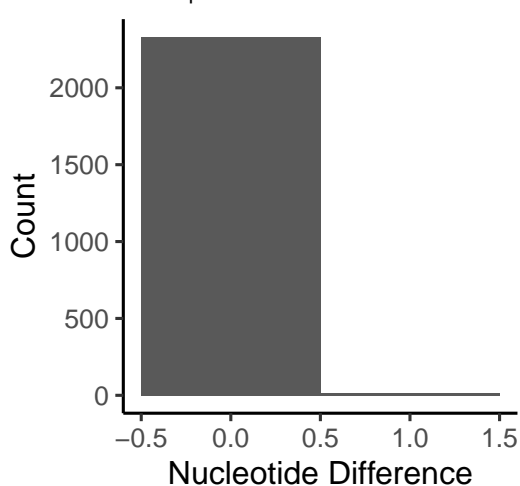
TRBV7-8*ap01

1145 sequences assigned
1144 (99.9%) exact matches, in which:
1143 unique CDR3
13 unique J

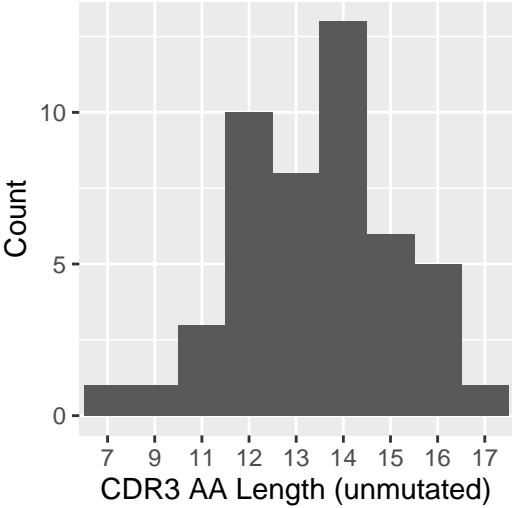


TRBV29-1*ap01

2345 sequences assigned
2330 (99.4%) exact matches, in which:
2322 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-7*ap01_C315T

