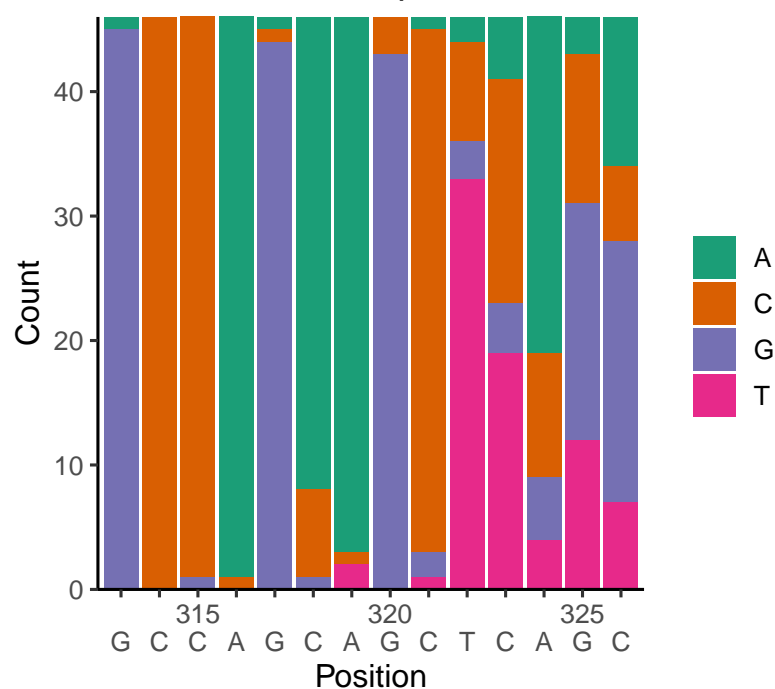
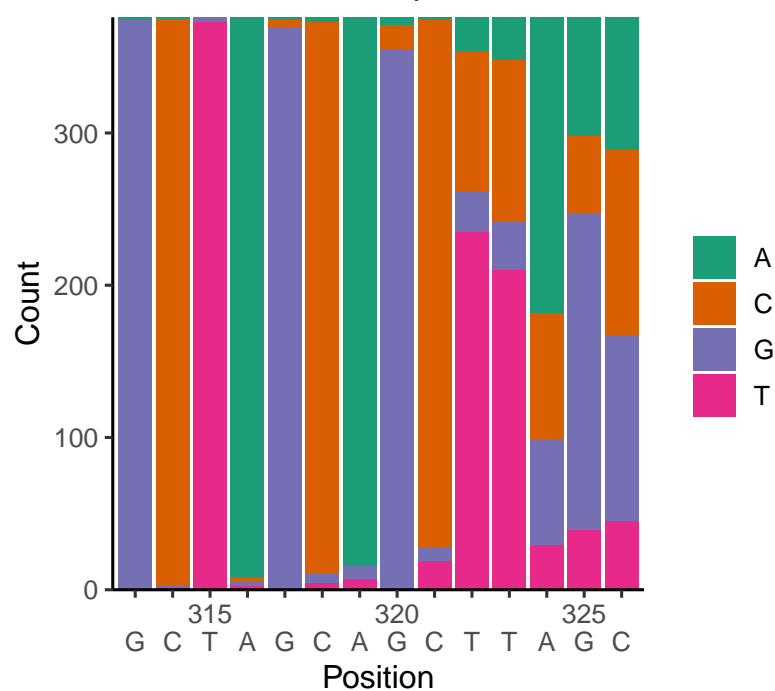


Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



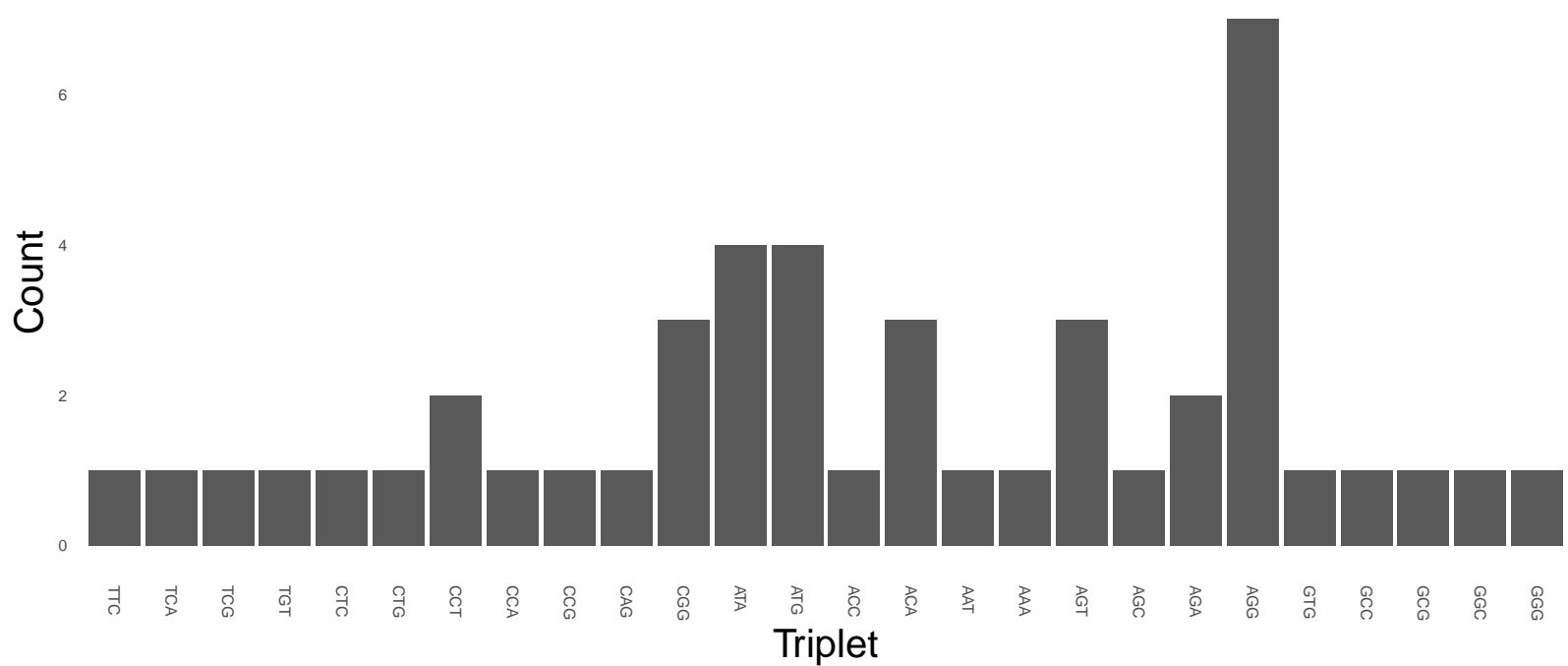
Gene TRBV7-1*ap01_G291C_T296C



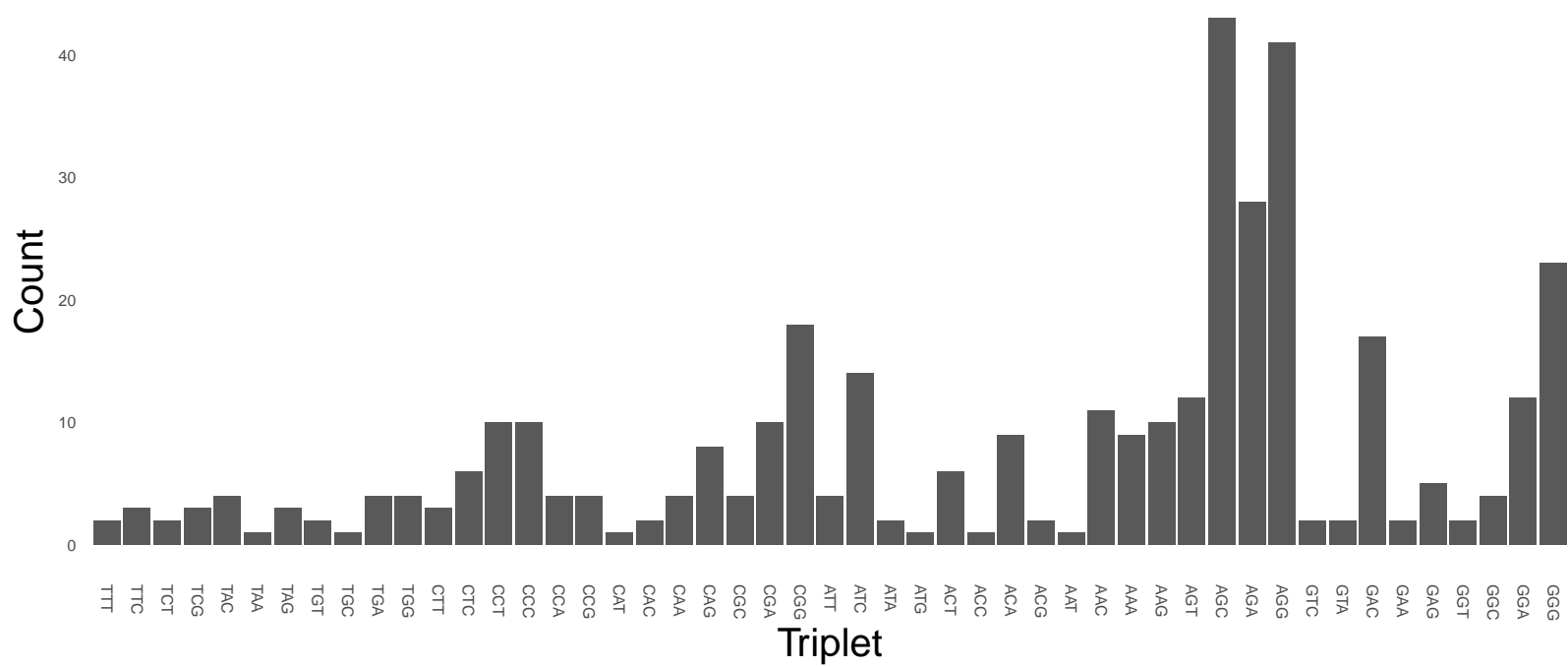
Gene TRBV7-7*ap01_C315T



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

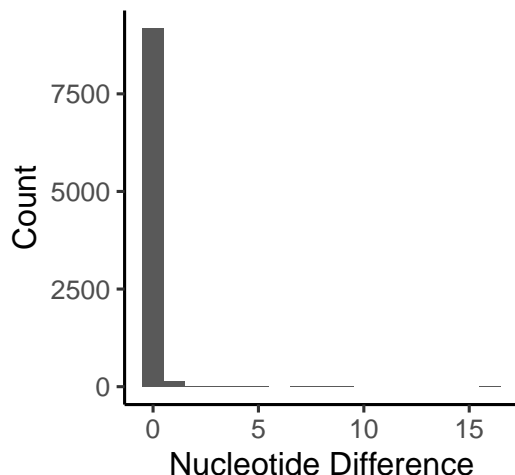


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



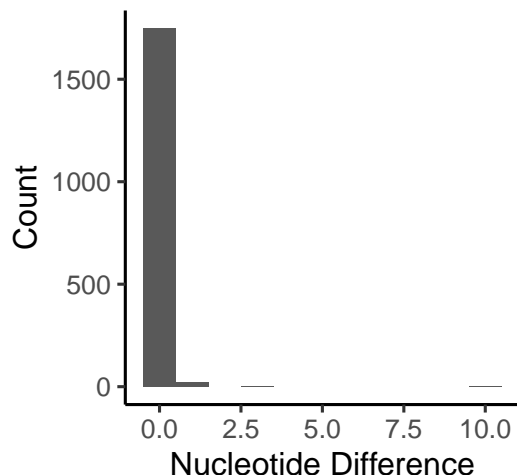
TRBV20-1*ap01

9334 sequences assigned
9176 (98.3%) exact matches, in which:
8980 unique CDR3
13 unique J



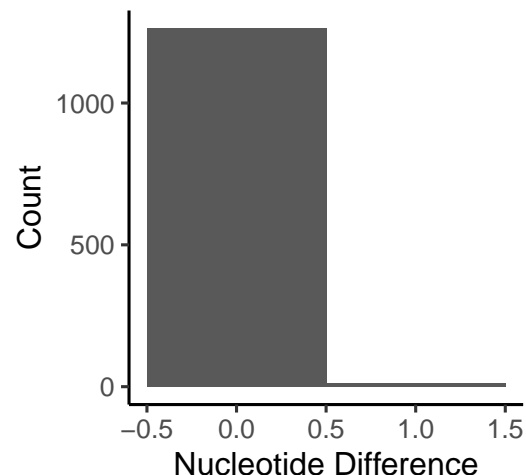
TRBV10-3*ap01

1770 sequences assigned
1748 (98.8%) exact matches, in which:
1711 unique CDR3
13 unique J



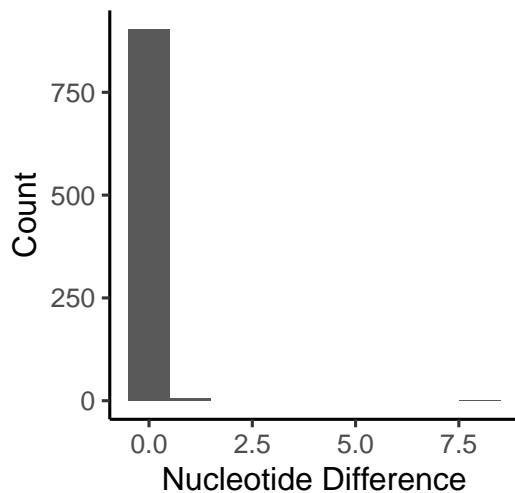
TRBV14*ap01

1276 sequences assigned
1263 (99%) exact matches, in which:
1231 unique CDR3
13 unique J



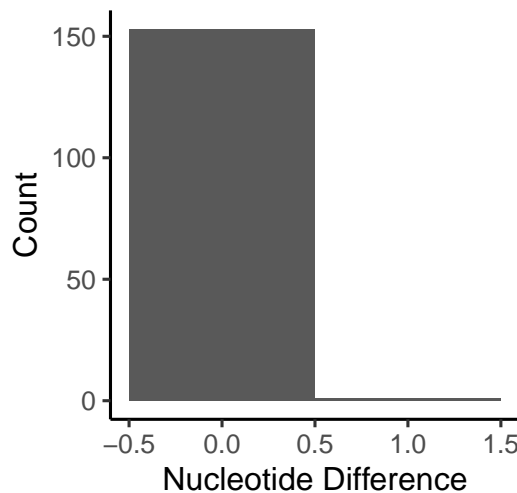
TRBV10-1*ap01

910 sequences assigned
904 (99.3%) exact matches, in which:
891 unique CDR3
13 unique J



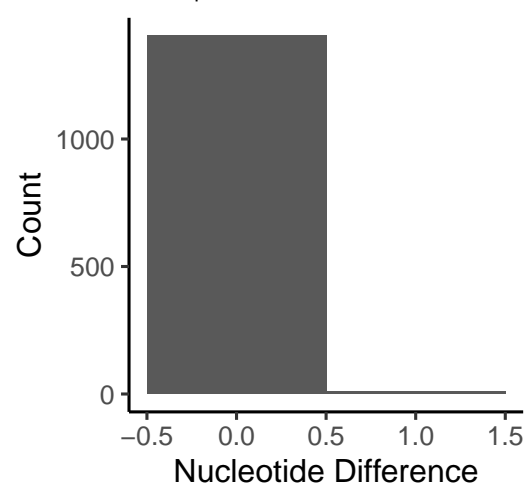
TRBV1*ap01

154 sequences assigned
153 (99.4%) exact matches, in which:
152 unique CDR3
12 unique J



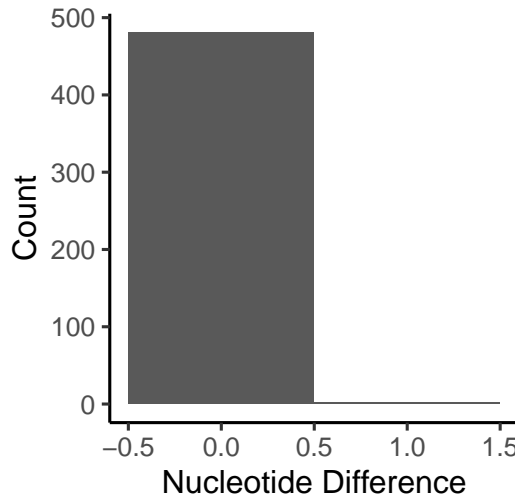
TRBV15*ap02

1413 sequences assigned
1405 (99.4%) exact matches, in which:
1375 unique CDR3
13 unique J



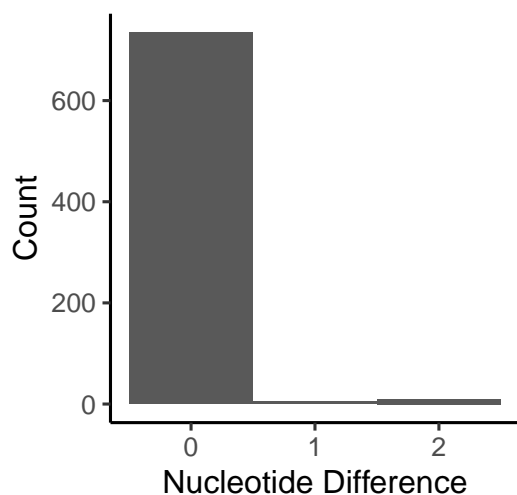
TRBV10-2*ap01

483 sequences assigned
481 (99.6%) exact matches, in which:
468 unique CDR3
13 unique J



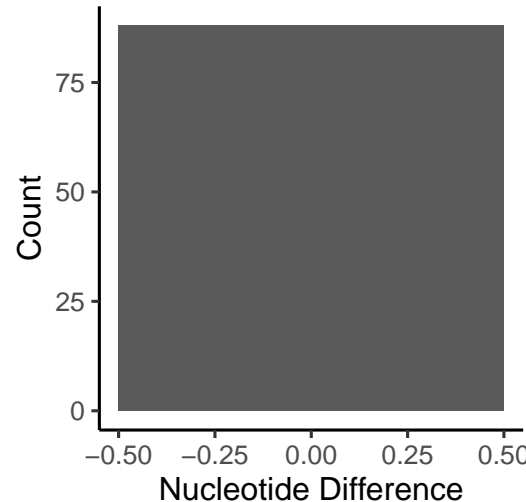
TRBV13*ap01

750 sequences assigned
735 (98%) exact matches, in which:
719 unique CDR3
13 unique J



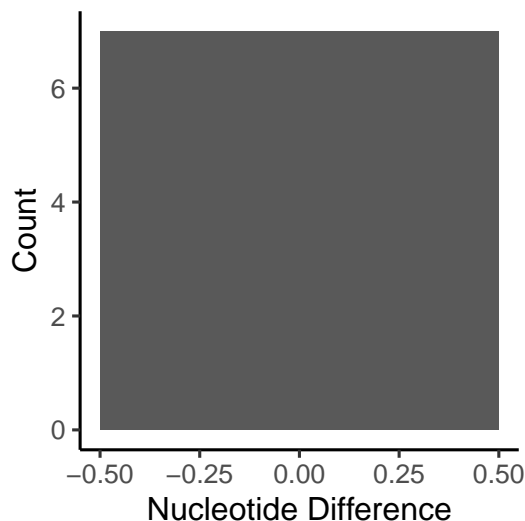
TRBV16*ap01

88 sequences assigned
88 (100%) exact matches, in which:
87 unique CDR3
11 unique J



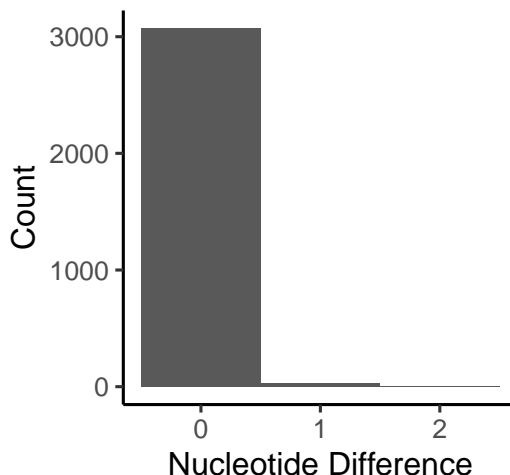
TRBV17*ap01

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



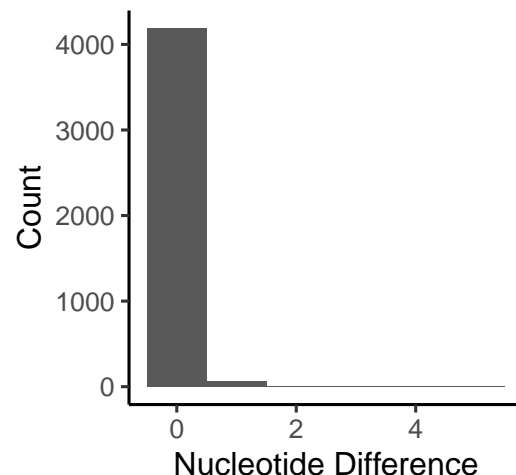
TRBV2*ap01

3101 sequences assigned
3071 (99%) exact matches, in which:
3031 unique CDR3
13 unique J



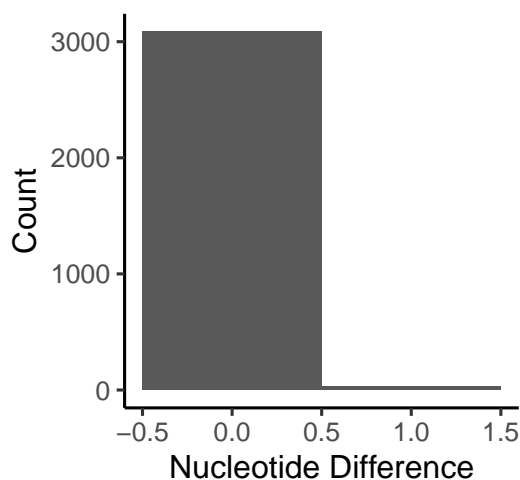
TRBV30*ap01

4259 sequences assigned
4187 (98.3%) exact matches, in which:
4162 unique CDR3
13 unique J



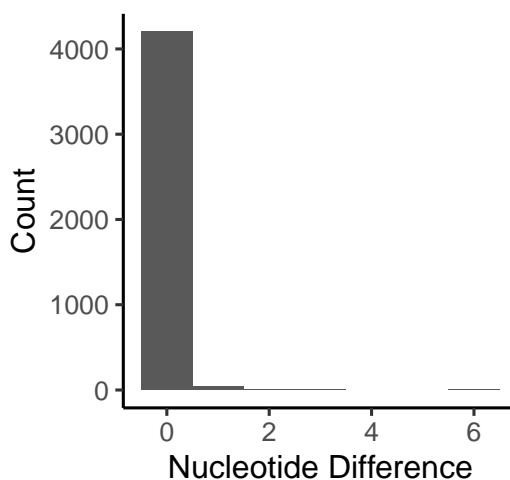
TRBV18*ap01

3120 sequences assigned
3086 (98.9%) exact matches, in which:
3021 unique CDR3
13 unique J



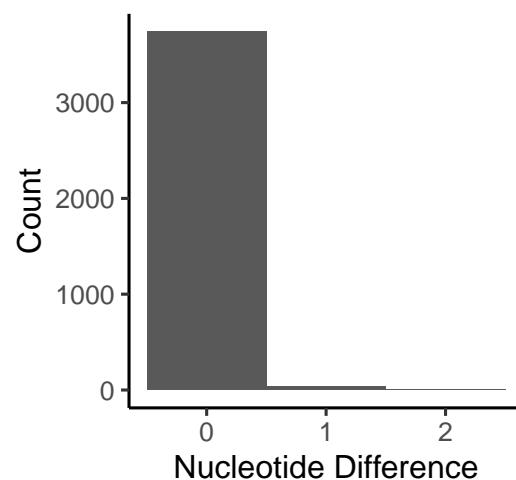
TRBV27*ap01

4248 sequences assigned
4202 (98.9%) exact matches, in which:
4121 unique CDR3
13 unique J



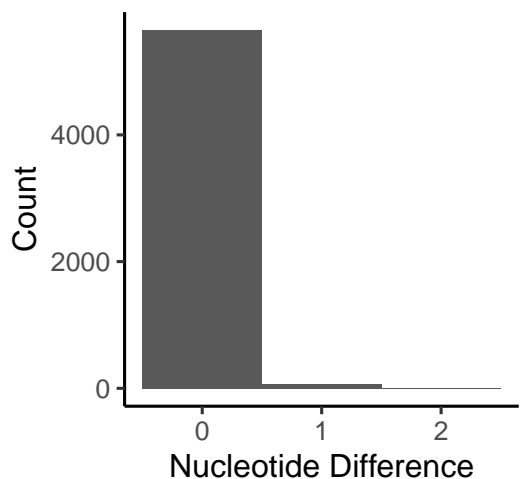
TRBV9*ap01

3782 sequences assigned
3740 (98.9%) exact matches, in which:
3664 unique CDR3
13 unique J



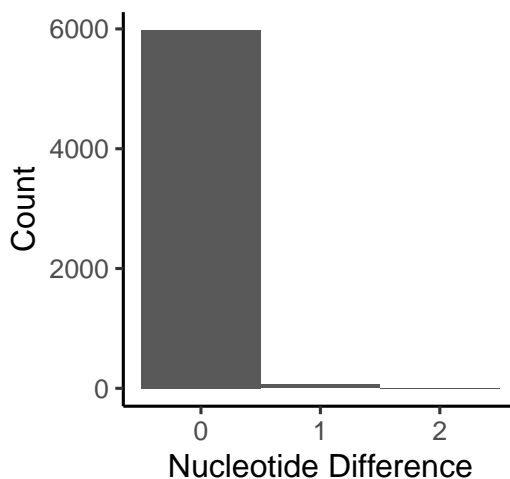
TRBV19*ap01

5726 sequences assigned
5655 (98.8%) exact matches, in which:
5555 unique CDR3
13 unique J



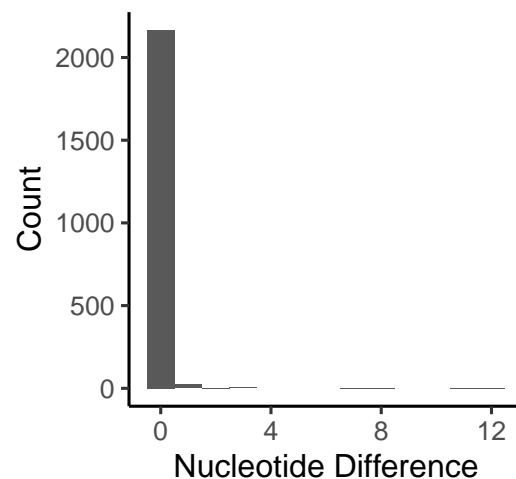
TRBV28*ap01

6045 sequences assigned
5981 (98.9%) exact matches, in which:
5845 unique CDR3
14 unique J



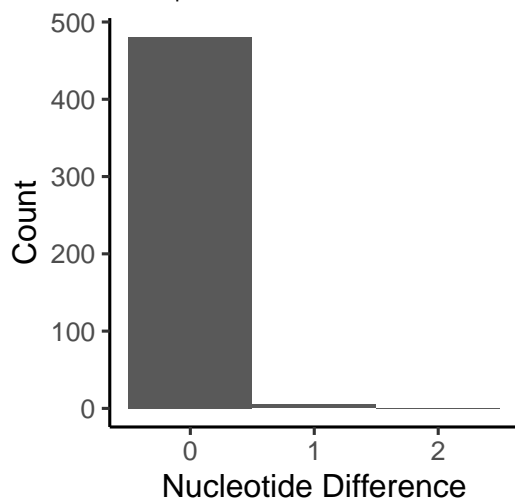
TRBV21-1*ap01

2202 sequences assigned
2166 (98.4%) exact matches, in which:
2109 unique CDR3
13 unique J



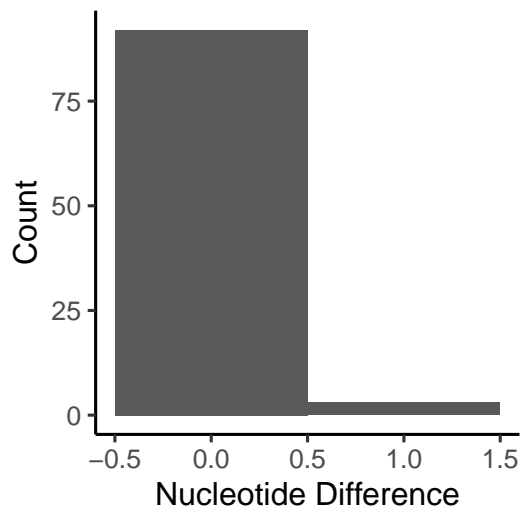
TRBV11-1*ap01

487 sequences assigned
481 (98.8%) exact matches, in which:
473 unique CDR3
13 unique J



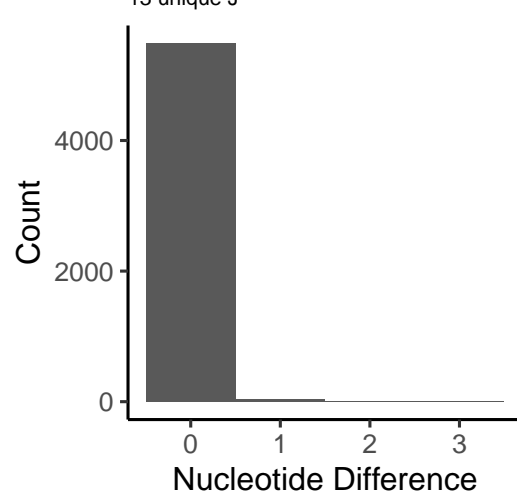
TRBV12-1*ap01

95 sequences assigned
92 (96.8%) exact matches, in which:
91 unique CDR3
11 unique J



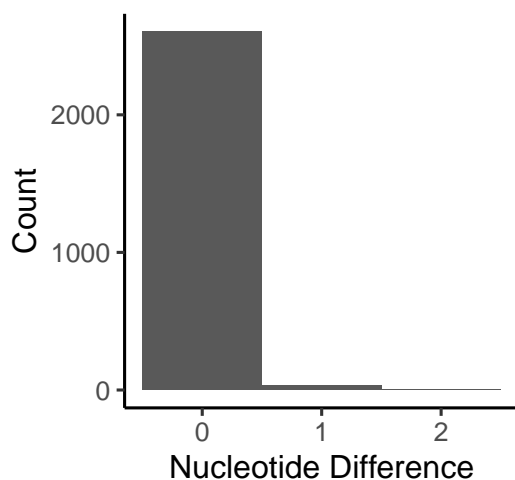
TRBV12-34*ap01

5533 sequences assigned
5487 (99.2%) exact matches, in which:
5400 unique CDR3
13 unique J



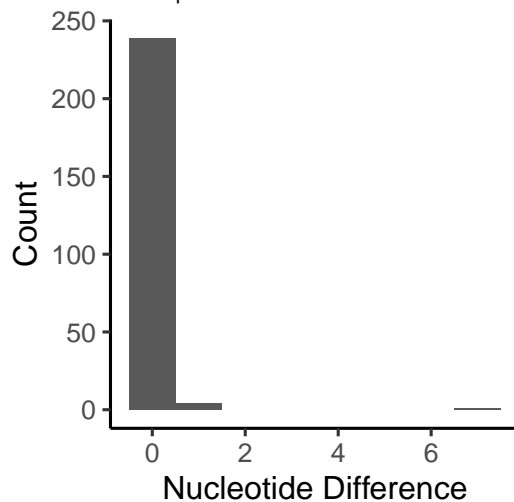
TRBV11-2*ap01

2640 sequences assigned
2604 (98.6%) exact matches, in which:
2537 unique CDR3
13 unique J



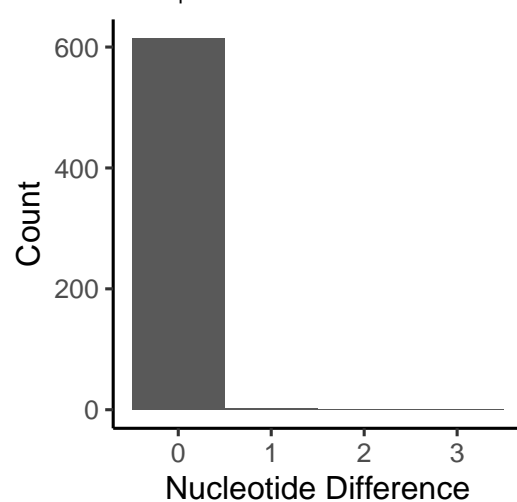
TRBV12-2*ap01

244 sequences assigned
239 (98%) exact matches, in which:
234 unique CDR3
13 unique J



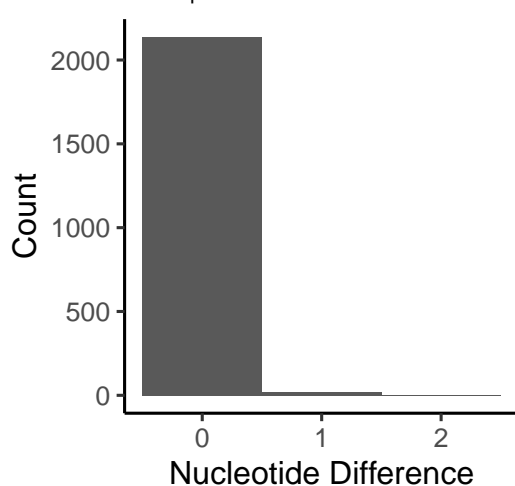
TRBV23-1*ap01

620 sequences assigned
615 (99.2%) exact matches, in which:
603 unique CDR3
13 unique J



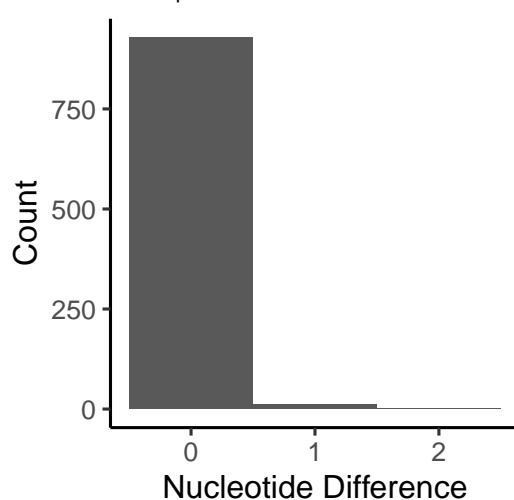
TRBV11-3*ap01

2159 sequences assigned
2137 (99%) exact matches, in which:
2095 unique CDR3
13 unique J



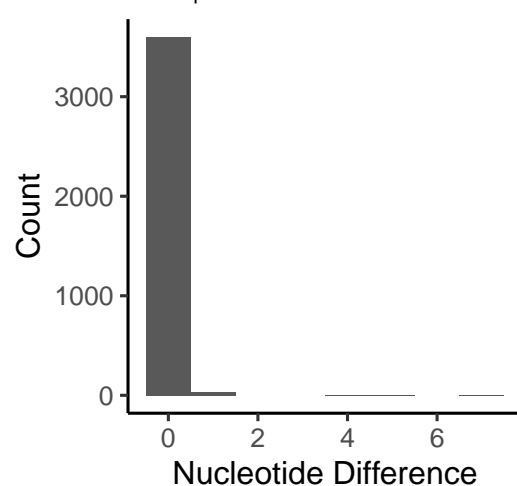
TRBV12-5*ap01

941 sequences assigned
929 (98.7%) exact matches, in which:
908 unique CDR3
13 unique J



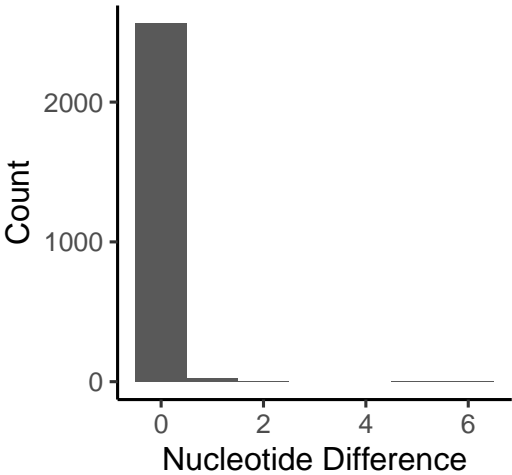
TRBV3-12*ap01

3634 sequences assigned
3599 (99%) exact matches, in which:
3549 unique CDR3
13 unique J



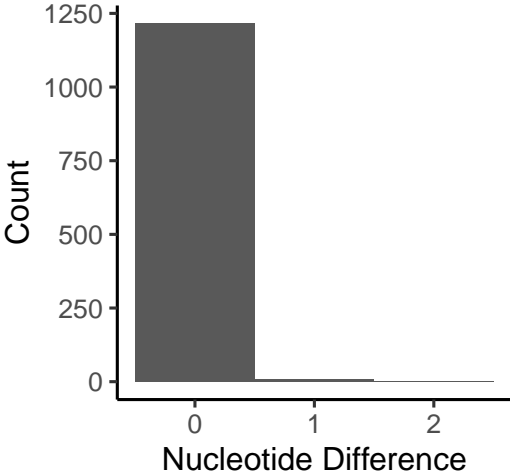
TRBV4-1*ap01

2591 sequences assigned
2563 (98.9%) exact matches, in which:
2532 unique CDR3
13 unique J



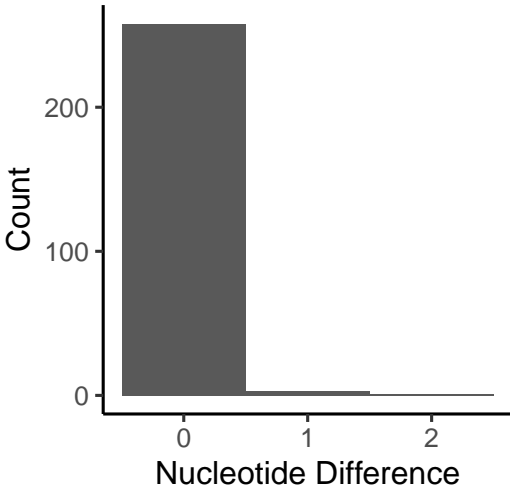
TRBV4-3*ap01

1226 sequences assigned
1216 (99.2%) exact matches, in which:
1195 unique CDR3
13 unique J



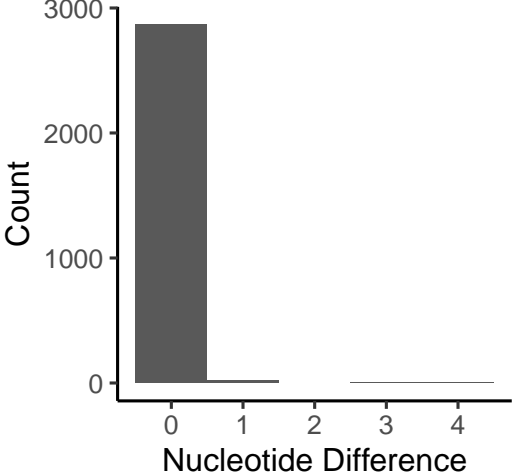
TRBV5-3*ap01

262 sequences assigned
258 (98.5%) exact matches, in which:
252 unique CDR3
13 unique J



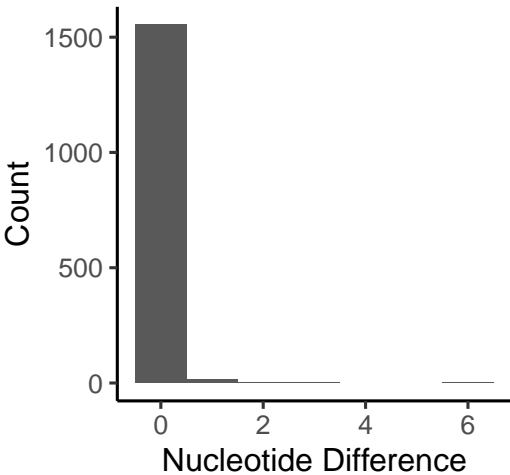
TRBV24-1*ap01

2886 sequences assigned
2866 (99.3%) exact matches, in which:
2837 unique CDR3
13 unique J



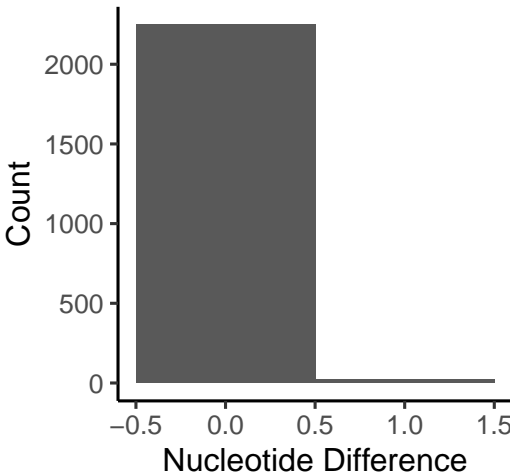
TRBV25-1*ap01

1574 sequences assigned
1554 (98.7%) exact matches, in which:
1540 unique CDR3
13 unique J



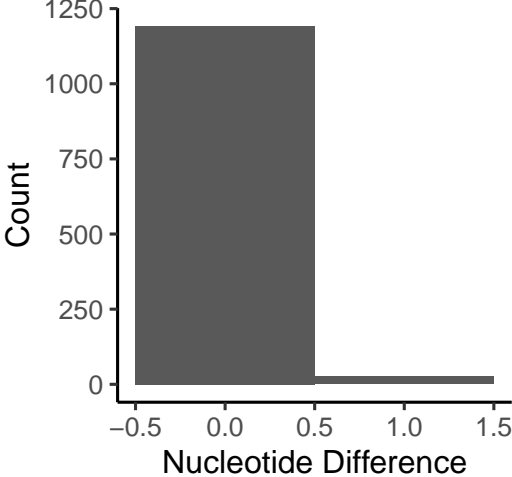
TRBV5-4*ap01

2273 sequences assigned
2248 (98.9%) exact matches, in which:
2216 unique CDR3
13 unique J



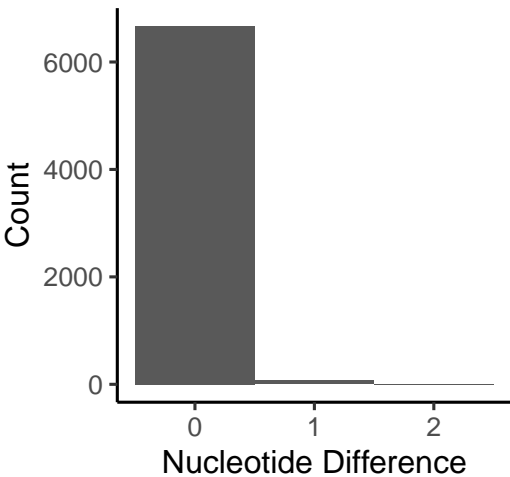
TRBV4-2*ap01

1218 sequences assigned
1192 (97.9%) exact matches, in which:
1177 unique CDR3
13 unique J



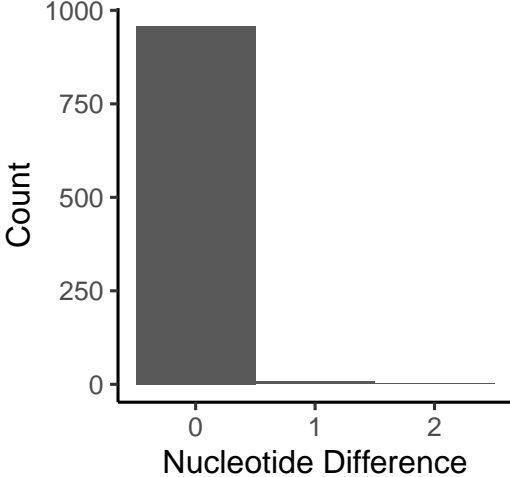
TRBV5-1*ap01

6743 sequences assigned
6669 (98.9%) exact matches, in which:
6489 unique CDR3
13 unique J



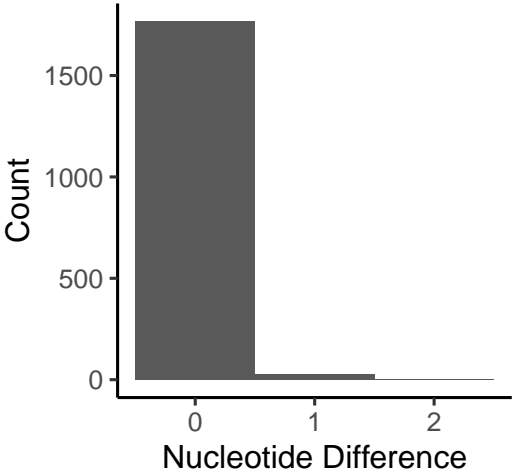
TRBV5-5*ap01

968 sequences assigned
958 (99%) exact matches, in which:
939 unique CDR3
13 unique J



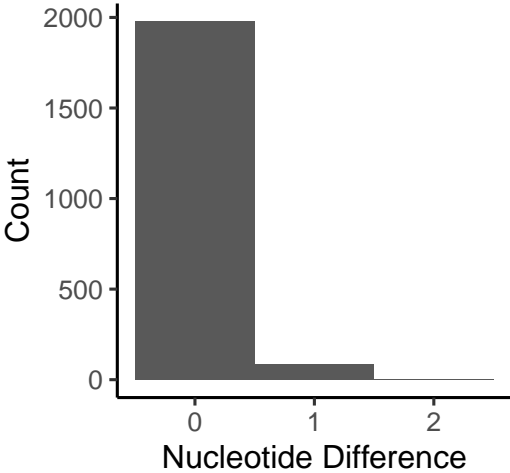
TRBV5-6*ap01

1795 sequences assigned
1767 (98.4%) exact matches, in which:
1741 unique CDR3
13 unique J



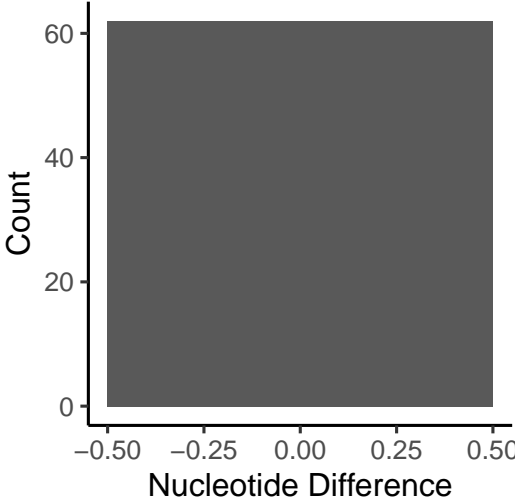
TRBV6-1*ap01

2064 sequences assigned
1978 (95.8%) exact matches, in which:
1949 unique CDR3
13 unique J



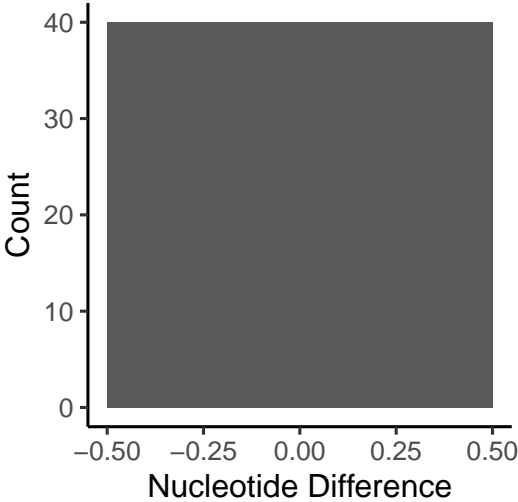
TRBV6-8*ap01

62 sequences assigned
62 (100%) exact matches, in which:
62 unique CDR3
13 unique J



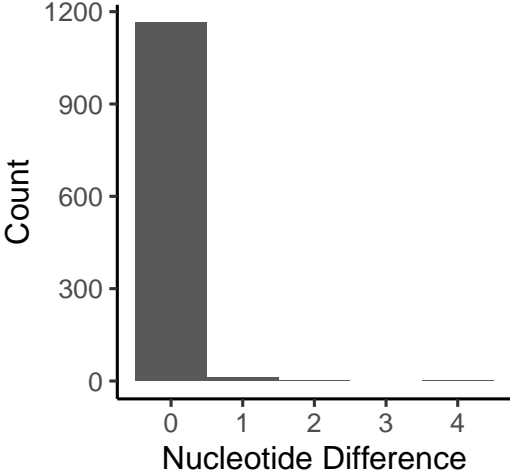
TRBV5-7*ap01

40 sequences assigned
40 (100%) exact matches, in which:
40 unique CDR3
10 unique J



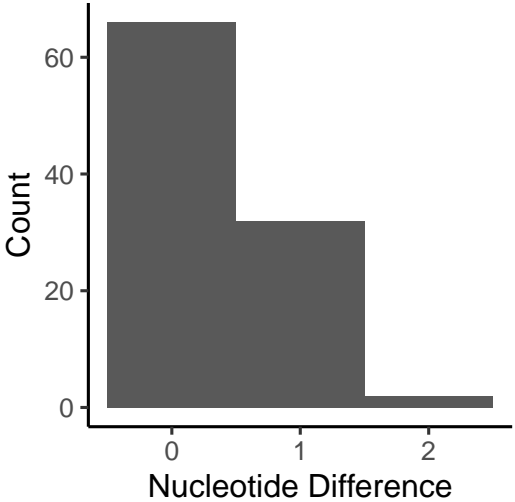
TRBV6-4*ap01

1179 sequences assigned
1164 (98.7%) exact matches, in which:
1149 unique CDR3
13 unique J



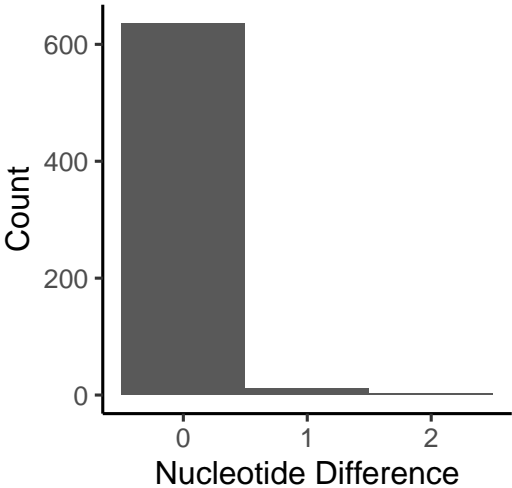
TRBV6-9*ap01

100 sequences assigned
66 (66%) exact matches, in which:
65 unique CDR3
12 unique J



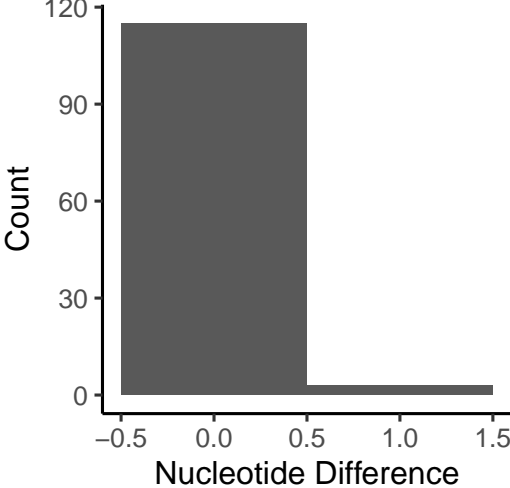
TRBV5-8*ap01

649 sequences assigned
636 (98%) exact matches, in which:
623 unique CDR3
13 unique J



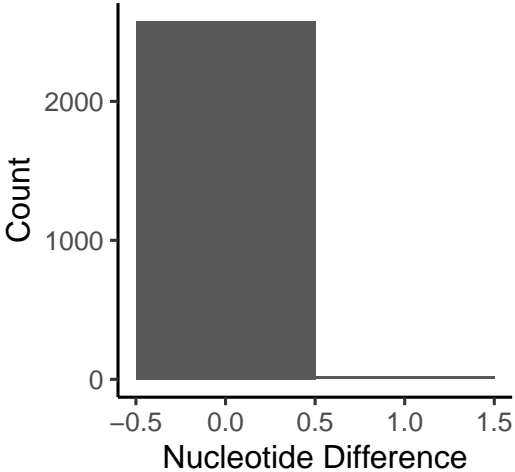
TRBV6-7*ap01

118 sequences assigned
115 (97.5%) exact matches, in which:
114 unique CDR3
13 unique J



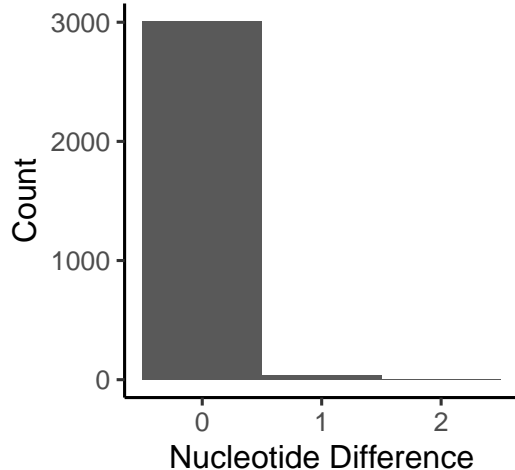
TRBV6-23*ap01

2599 sequences assigned
2578 (99.2%) exact matches, in which:
2538 unique CDR3
13 unique J



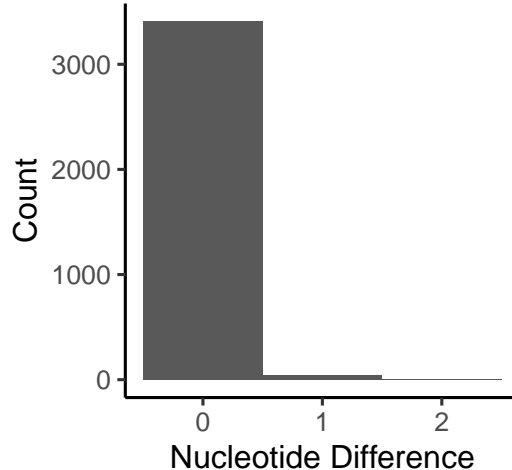
TRBV6-56*ap01

3046 sequences assigned
3007 (98.7%) exact matches, in which:
2962 unique CDR3
13 unique J



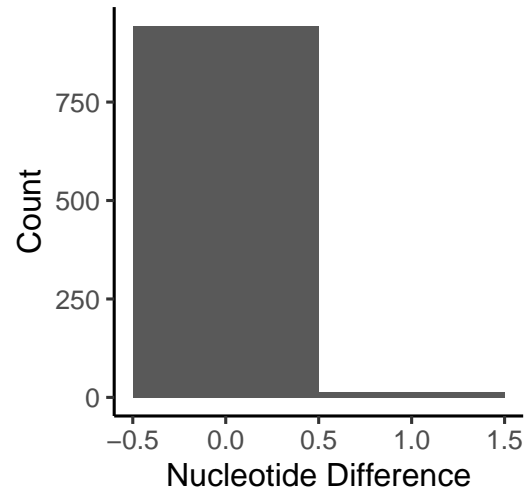
TRBV7-2*ap01

3453 sequences assigned
3408 (98.7%) exact matches, in which:
3332 unique CDR3
13 unique J



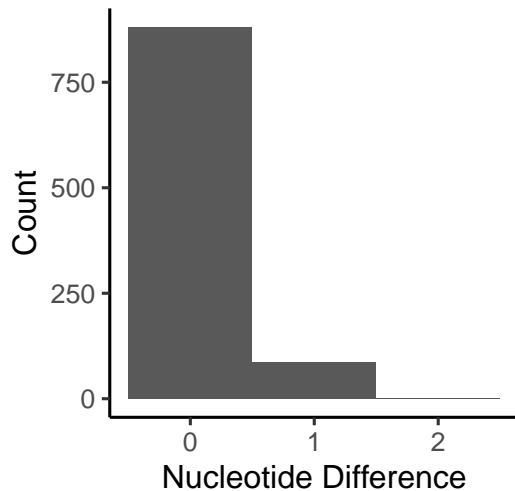
TRBV7-6*ap01

957 sequences assigned
944 (98.6%) exact matches, in which:
927 unique CDR3
13 unique J



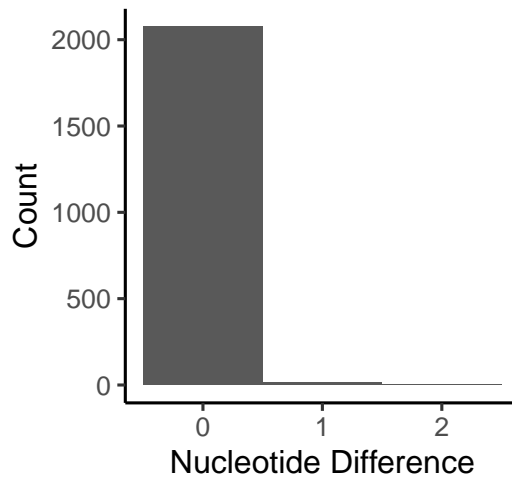
TRBV6-56*ap02

969 sequences assigned
881 (90.9%) exact matches, in which:
866 unique CDR3
13 unique J



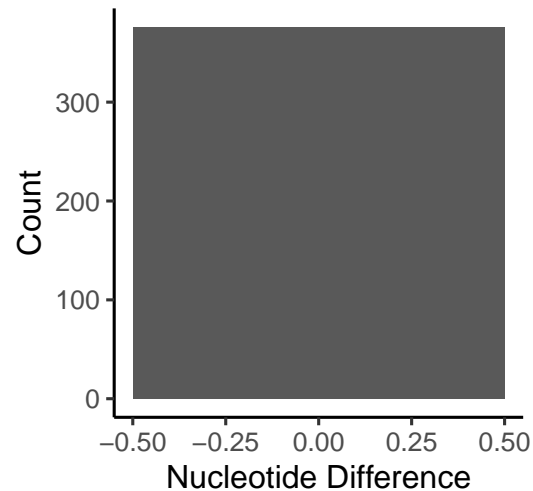
TRBV7-3*ap01

2093 sequences assigned
2075 (99.1%) exact matches, in which:
2033 unique CDR3
13 unique J



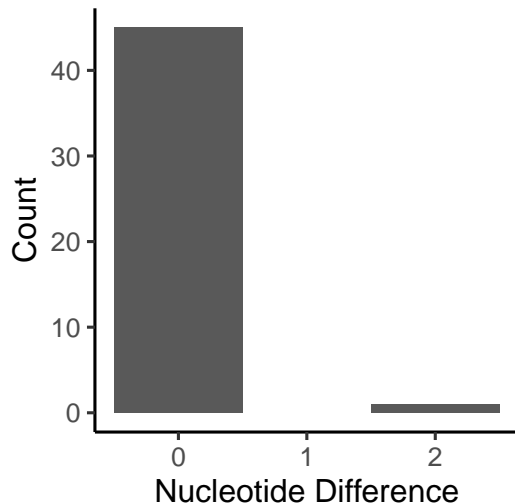
TRBV7-7*ap01_C315T

376 sequences assigned
376 (100%) exact matches, in which:
374 unique CDR3
12 unique J



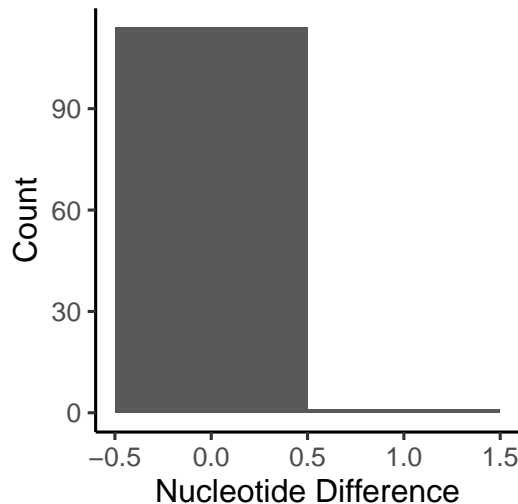
TRBV7-1*ap01_G291C_T

46 sequences assigned
45 (97.8%) exact matches, in which:
44 unique CDR3
11 unique J



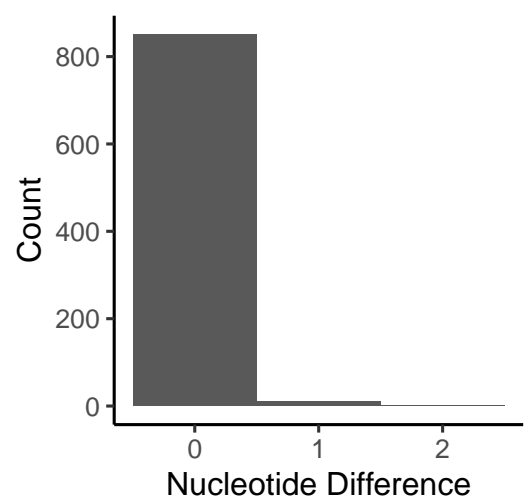
TRBV7-4*ap01

115 sequences assigned
114 (99.1%) exact matches, in which:
112 unique CDR3
13 unique J



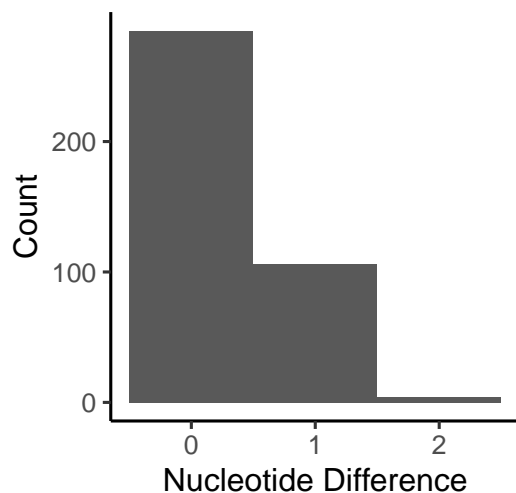
TRBV7-8*ap01

862 sequences assigned
851 (98.7%) exact matches, in which:
840 unique CDR3
13 unique J



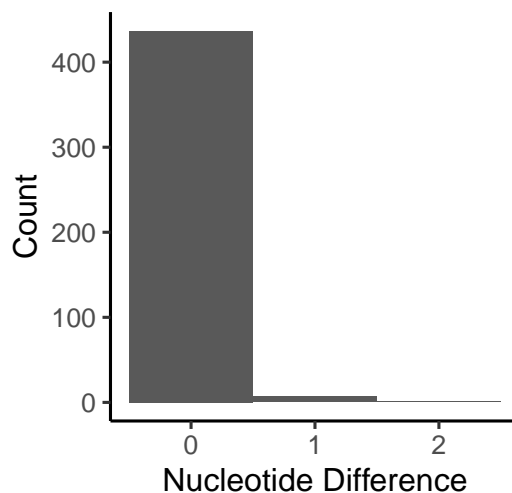
TRBV7–8*ap03

395 sequences assigned
285 (72.2%) exact matches, in which:
280 unique CDR3
13 unique J



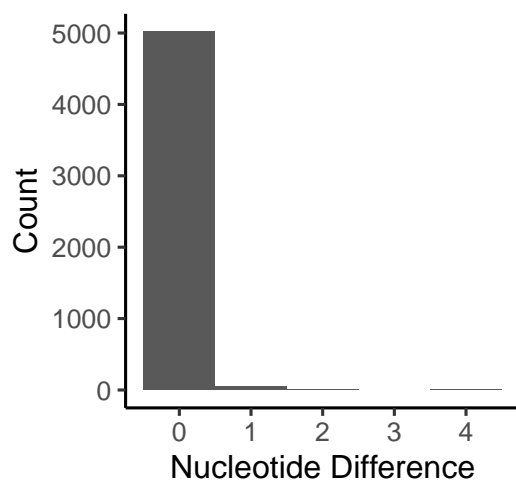
TRBV29–1*ap02

445 sequences assigned
437 (98.2%) exact matches, in which:
433 unique CDR3
13 unique J



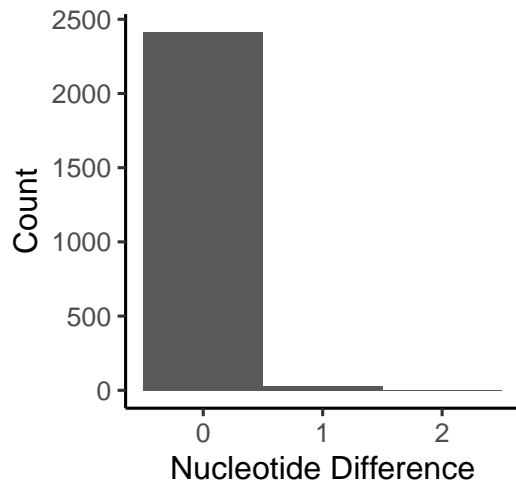
TRBV7–9*ap01

5063 sequences assigned
5018 (99.1%) exact matches, in which:
4937 unique CDR3
13 unique J

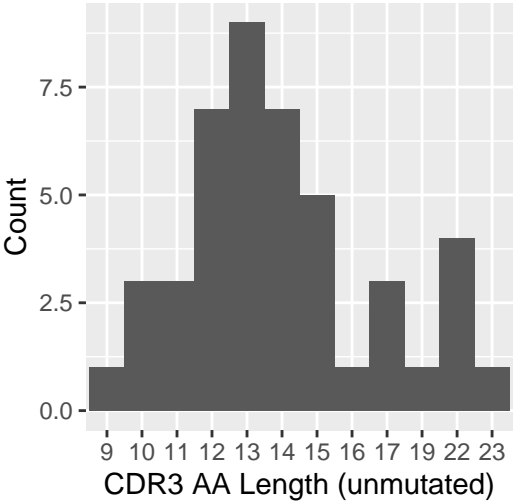


TRBV29–1*ap01

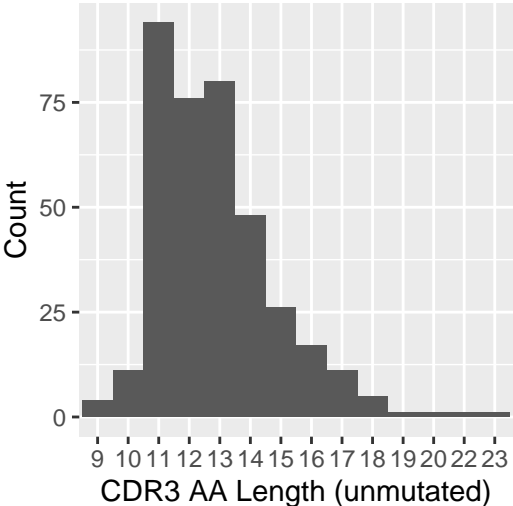
2445 sequences assigned
2414 (98.7%) exact matches, in which:
2393 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.