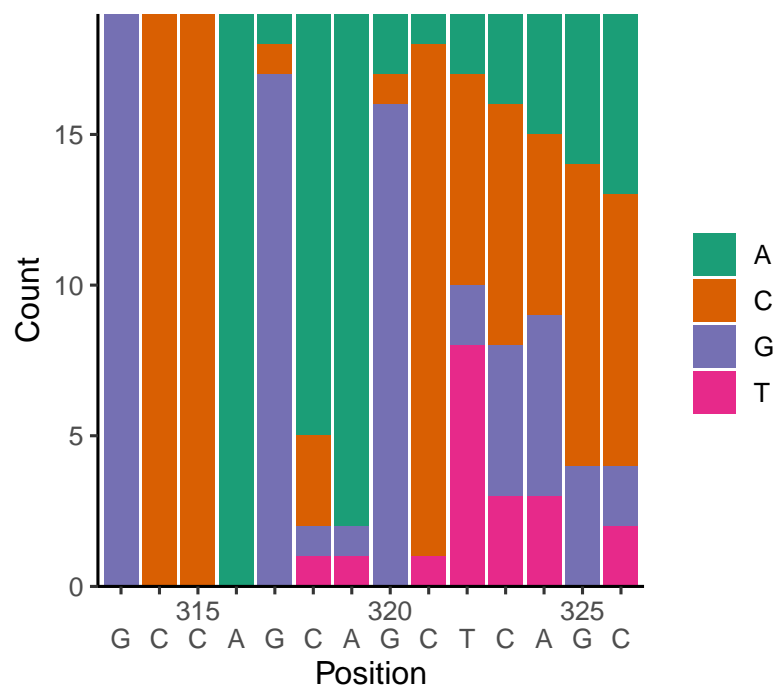
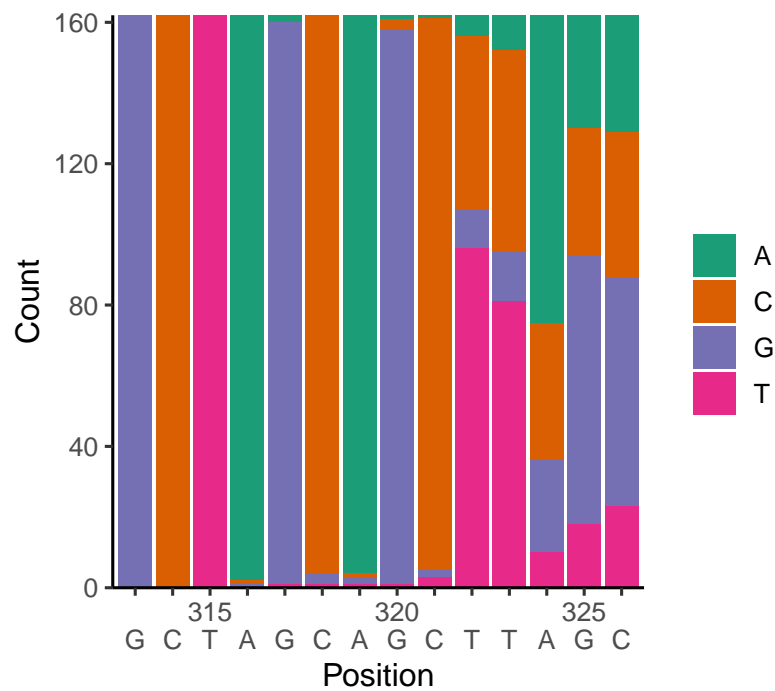


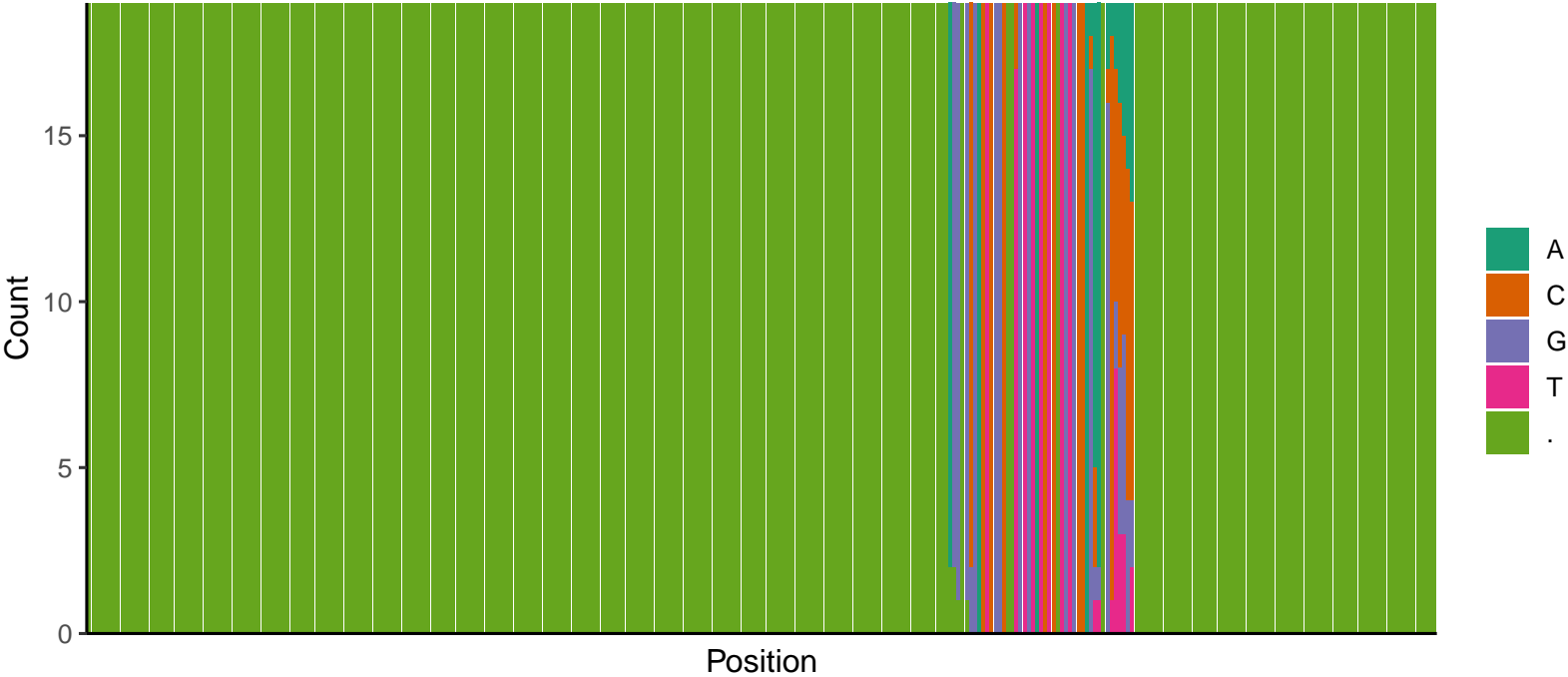
Gene TRBV7-1\*ap01\_T296C



Gene TRBV7-7\*ap01\_C315T



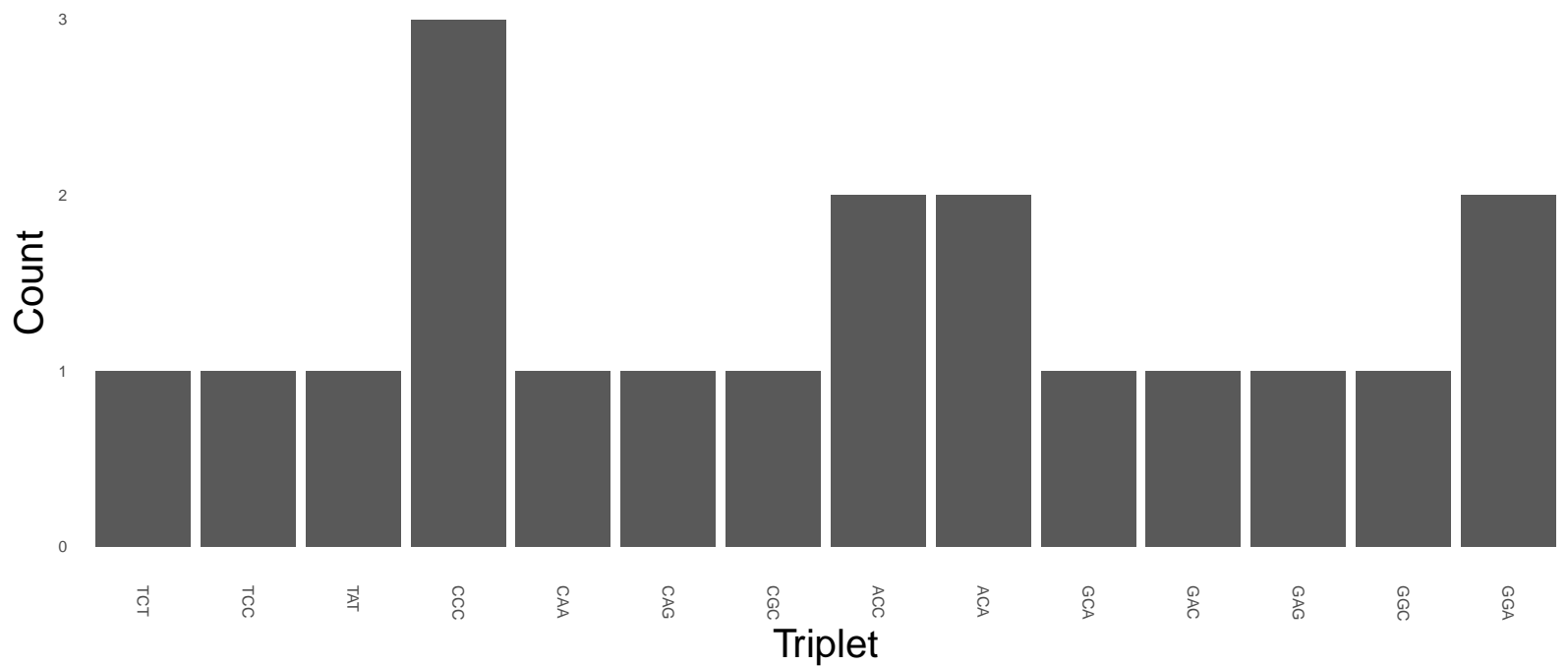
Gene TRBV7-1\*ap01\_T296C



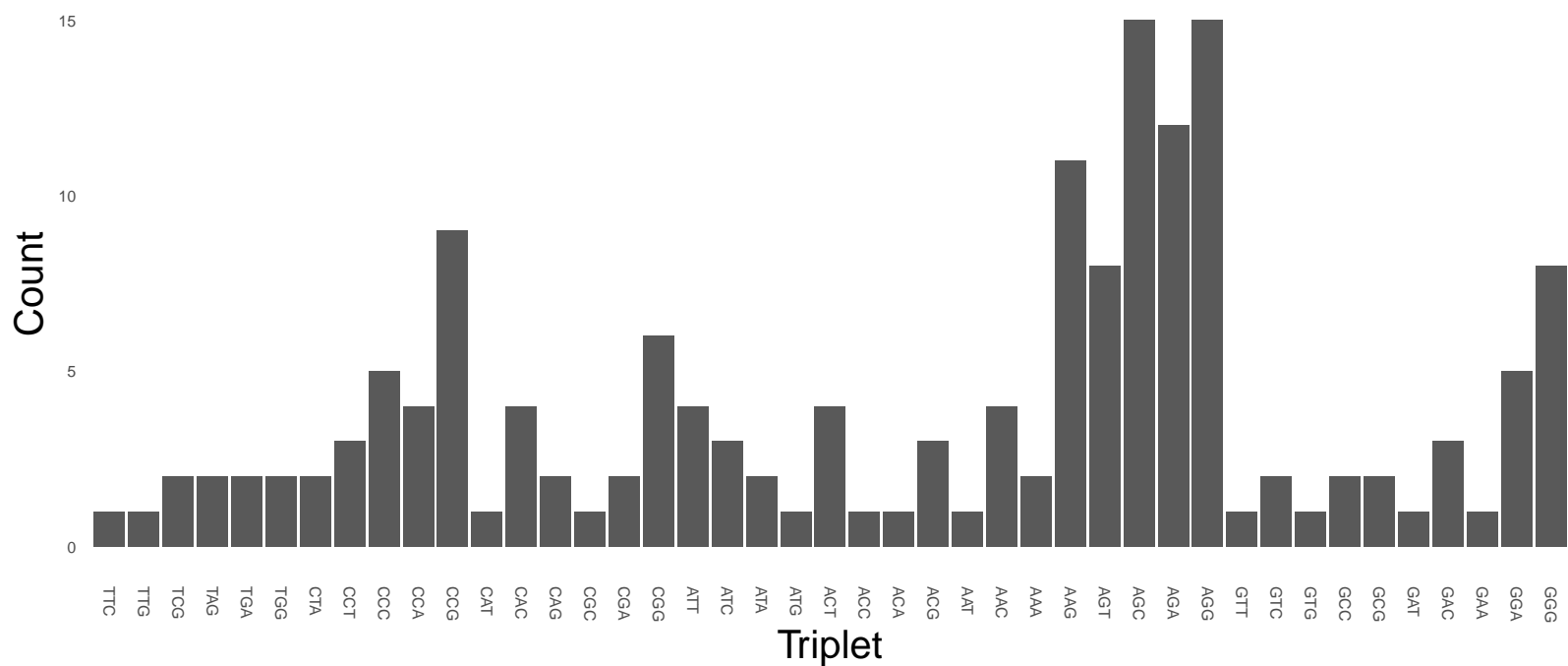
Gene TRBV7-7\*ap01\_C315T



TRBV7-1\*ap01\_T296C- Final 3 nucleotides as a triplet

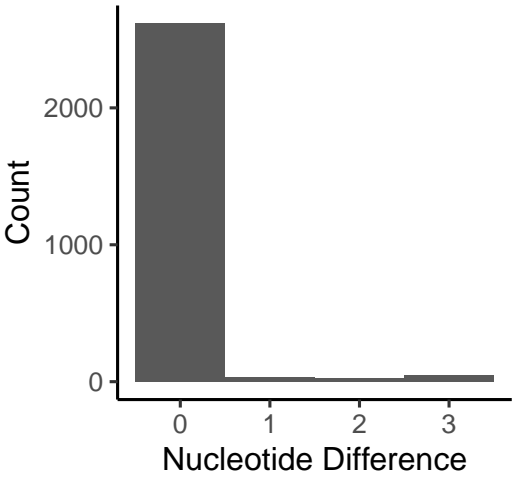


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



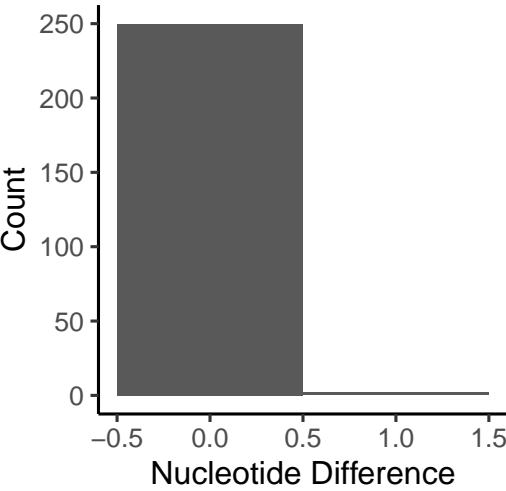
TRBV20-1\*ap01

2727 sequences assigned  
2617 (96%) exact matches, in which:  
2586 unique CDR3  
13 unique J



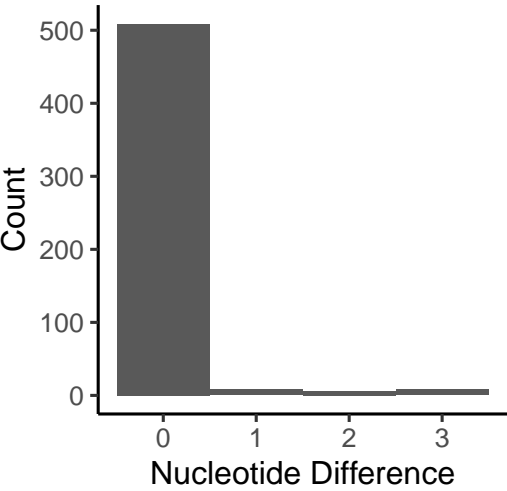
TRBV10-2\*ap01

252 sequences assigned  
250 (99.2%) exact matches, in which:  
244 unique CDR3  
13 unique J



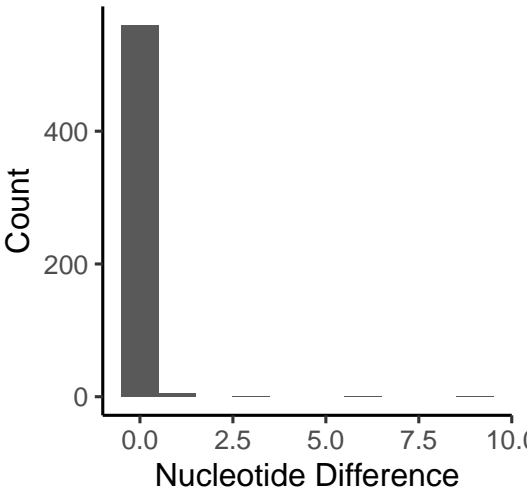
TRBV13\*ap01

531 sequences assigned  
509 (95.9%) exact matches, in which:  
499 unique CDR3  
13 unique J



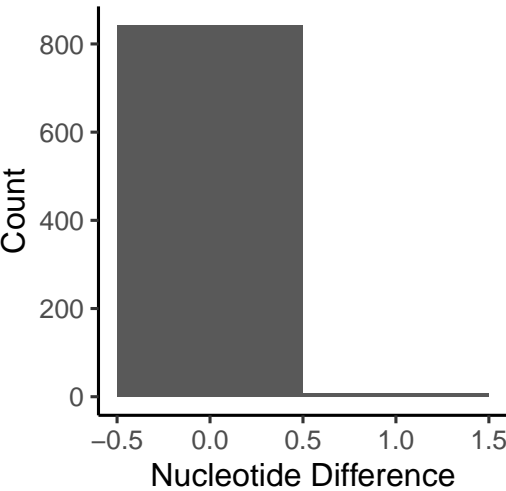
TRBV10-1\*ap01

568 sequences assigned  
560 (98.6%) exact matches, in which:  
555 unique CDR3  
13 unique J



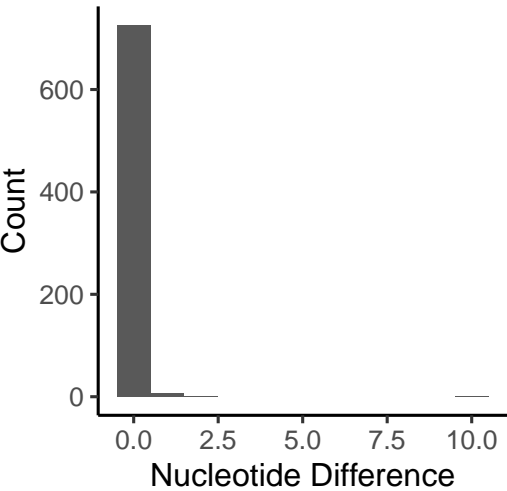
TRBV10-3\*ap01

851 sequences assigned  
843 (99.1%) exact matches, in which:  
836 unique CDR3  
13 unique J



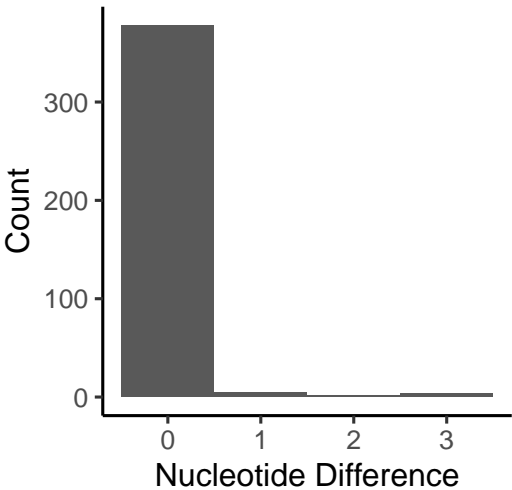
TRBV14\*ap01

735 sequences assigned  
726 (98.8%) exact matches, in which:  
715 unique CDR3  
13 unique J



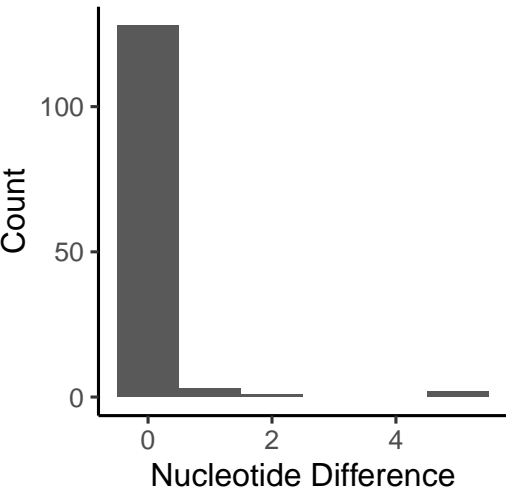
TRBV20-1\*ap02

389 sequences assigned  
378 (97.2%) exact matches, in which:  
366 unique CDR3  
13 unique J



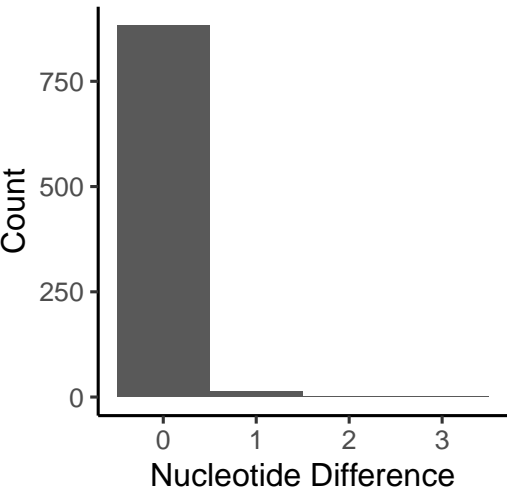
TRBV1\*ap01

134 sequences assigned  
128 (95.5%) exact matches, in which:  
127 unique CDR3  
12 unique J



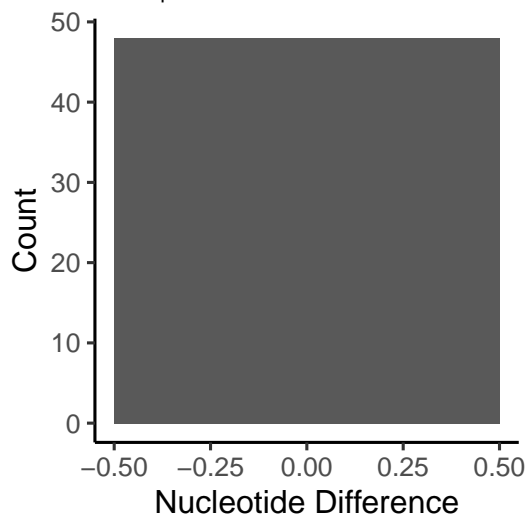
TRBV15\*ap02

899 sequences assigned  
883 (98.2%) exact matches, in which:  
874 unique CDR3  
13 unique J



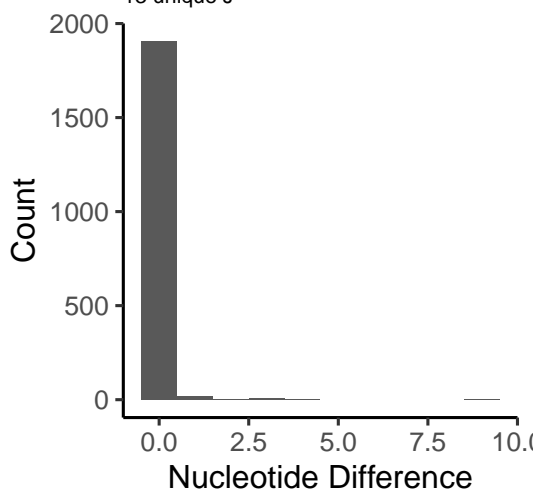
### TRBV16\*ap01

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



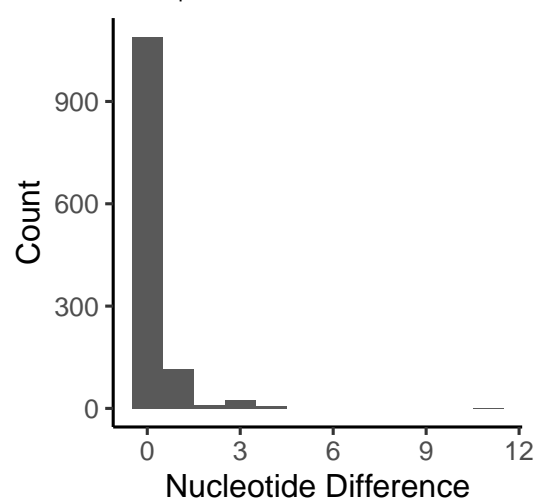
### TRBV2\*ap01

1935 sequences assigned  
1905 (98.4%) exact matches, in which:  
1888 unique CDR3  
13 unique J



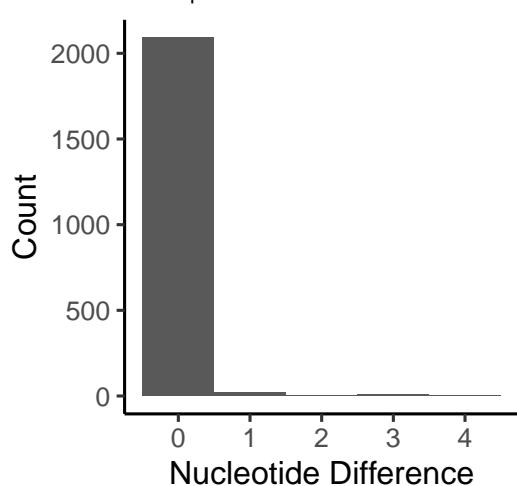
### TRBV30\*ap01

1250 sequences assigned  
1090 (87.2%) exact matches, in which:  
1062 unique CDR3  
13 unique J



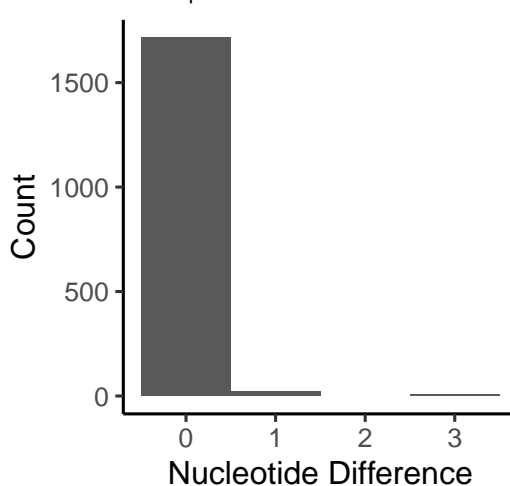
### TRBV18\*ap01

2124 sequences assigned  
2091 (98.4%) exact matches, in which:  
2059 unique CDR3  
13 unique J



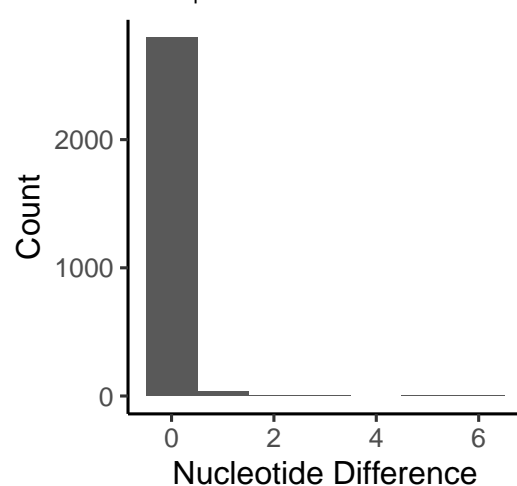
### TRBV27\*ap01

1743 sequences assigned  
1715 (98.4%) exact matches, in which:  
1700 unique CDR3  
13 unique J



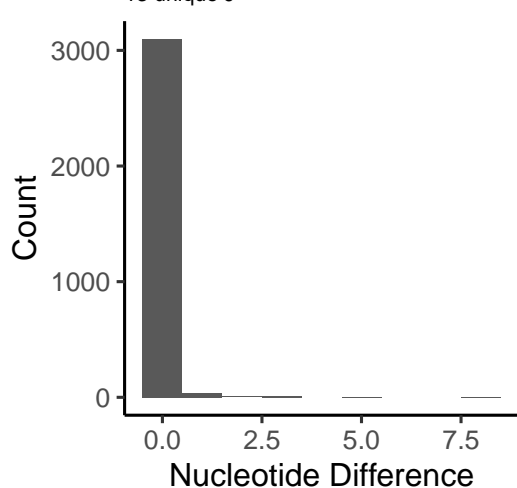
### TRBV9\*ap01

2840 sequences assigned  
2795 (98.4%) exact matches, in which:  
2773 unique CDR3  
13 unique J



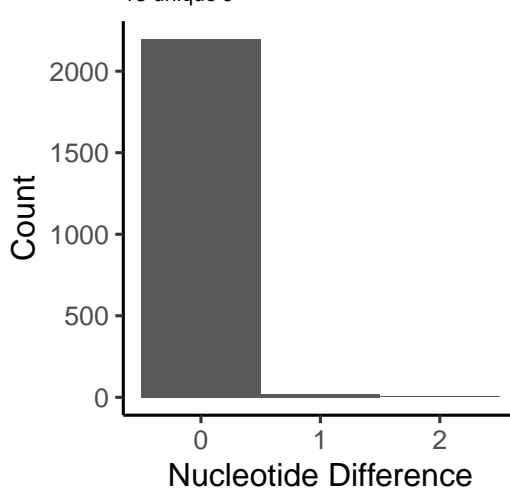
### TRBV19\*ap01

3157 sequences assigned  
3098 (98.1%) exact matches, in which:  
3059 unique CDR3  
13 unique J



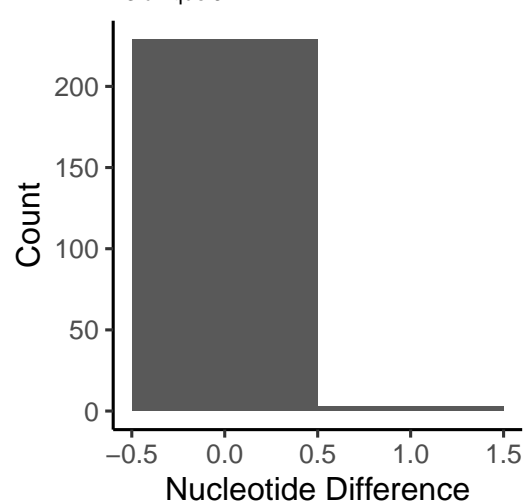
### TRBV28\*ap01

2221 sequences assigned  
2197 (98.9%) exact matches, in which:  
2169 unique CDR3  
13 unique J



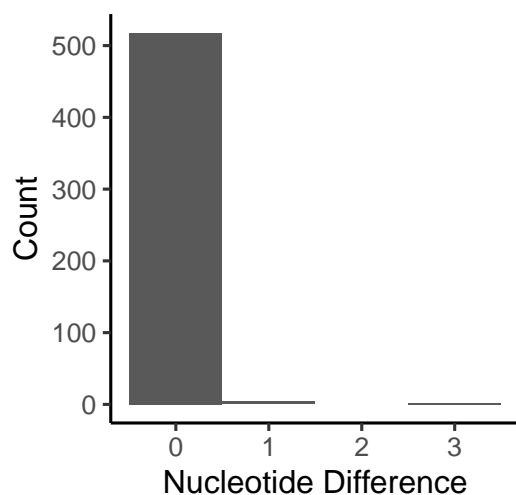
### TRBV11-1\*ap01

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



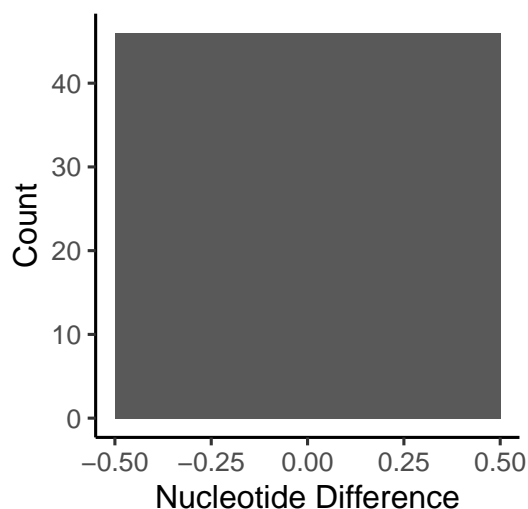
### TRBV21-1\*ap01

524 sequences assigned  
518 (98.9%) exact matches, in which:  
516 unique CDR3  
13 unique J



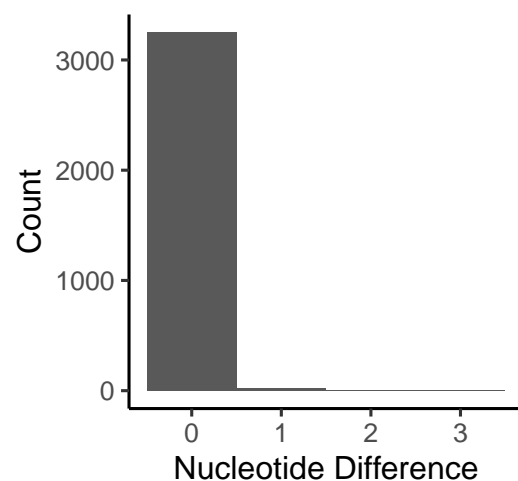
### TRBV12-1\*ap01

46 sequences assigned  
46 (100%) exact matches, in which:  
46 unique CDR3  
12 unique J



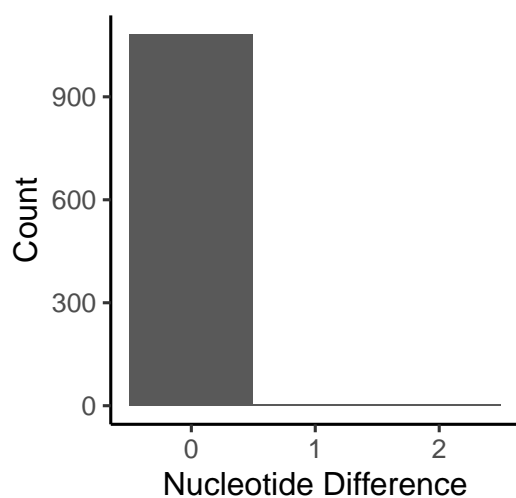
### TRBV12-34\*ap01

3286 sequences assigned  
3250 (98.9%) exact matches, in which:  
3210 unique CDR3  
13 unique J



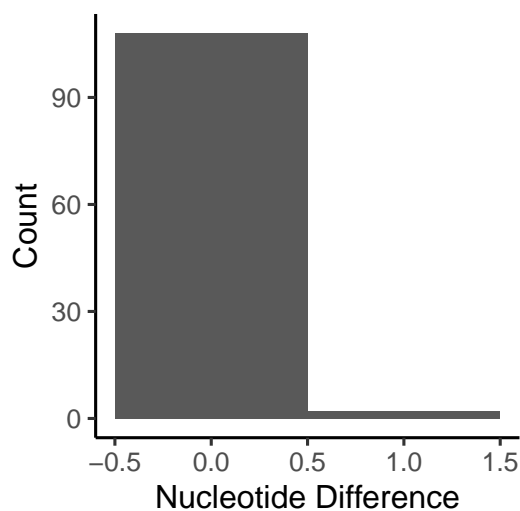
### TRBV11-2\*ap01

1091 sequences assigned  
1083 (99.3%) exact matches, in which:  
1070 unique CDR3  
13 unique J



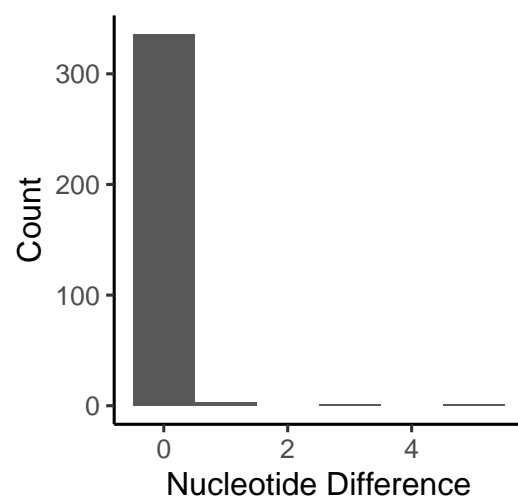
### TRBV12-2\*ap01

110 sequences assigned  
108 (98.2%) exact matches, in which:  
108 unique CDR3  
13 unique J



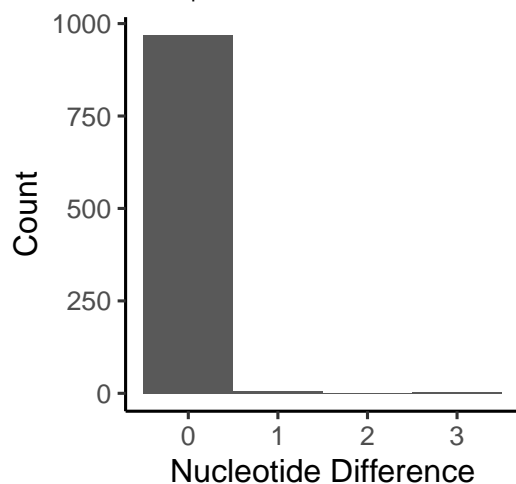
### TRBV23-1\*ap01

341 sequences assigned  
336 (98.5%) exact matches, in which:  
333 unique CDR3  
13 unique J



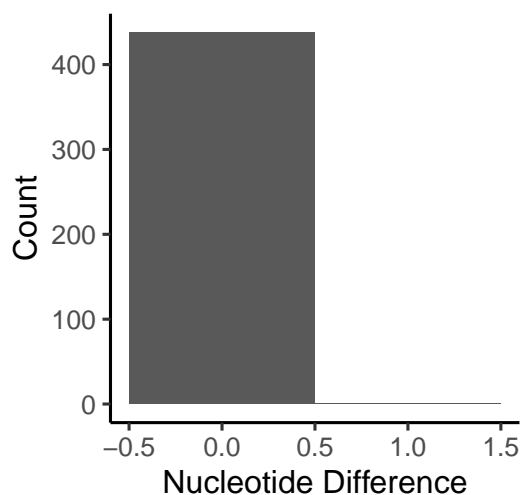
### TRBV11-3\*ap01

980 sequences assigned  
969 (98.9%) exact matches, in which:  
959 unique CDR3  
13 unique J



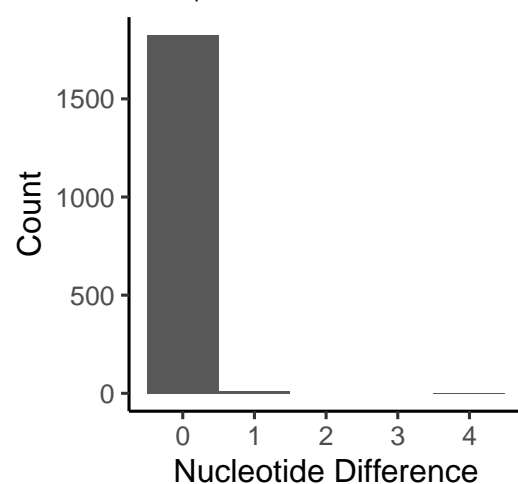
### TRBV12-5\*ap01

439 sequences assigned  
438 (99.8%) exact matches, in which:  
433 unique CDR3  
13 unique J



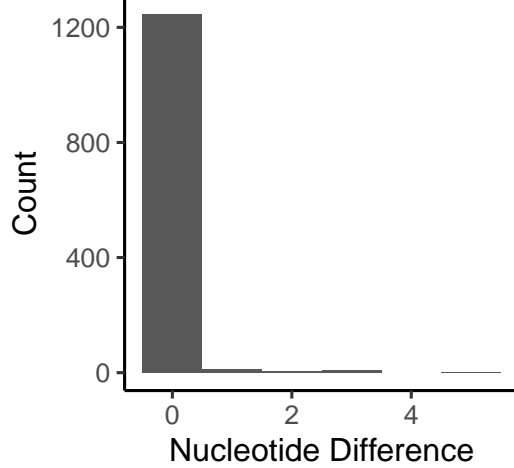
### TRBV3-12\*ap01

1839 sequences assigned  
1825 (99.2%) exact matches, in which:  
1804 unique CDR3  
13 unique J



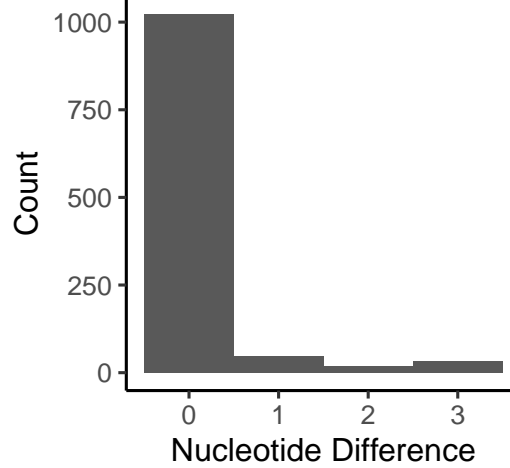
### TRBV24-1\*ap01

1275 sequences assigned  
1245 (97.6%) exact matches, in which:  
1233 unique CDR3  
13 unique J



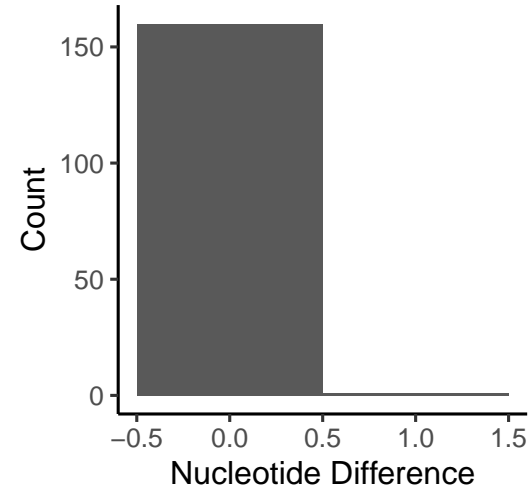
### TRBV4-3\*ap01

1119 sequences assigned  
1022 (91.3%) exact matches, in which:  
1000 unique CDR3  
13 unique J



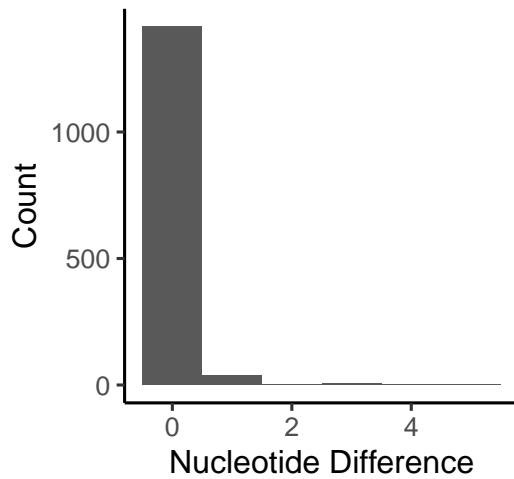
### TRBV5-3\*ap01

161 sequences assigned  
160 (99.4%) exact matches, in which:  
158 unique CDR3  
13 unique J



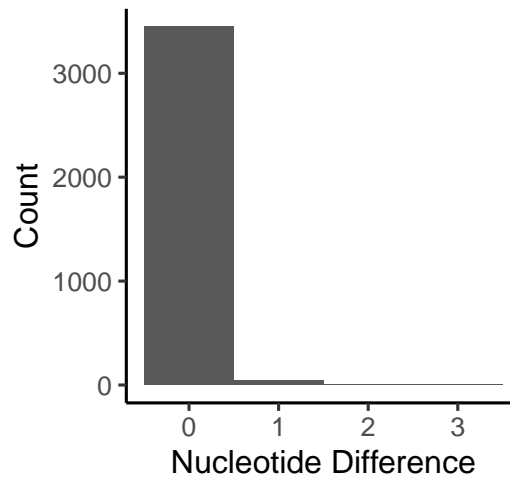
### TRBV4-1\*ap01

1464 sequences assigned  
1416 (96.7%) exact matches, in which:  
1401 unique CDR3  
13 unique J



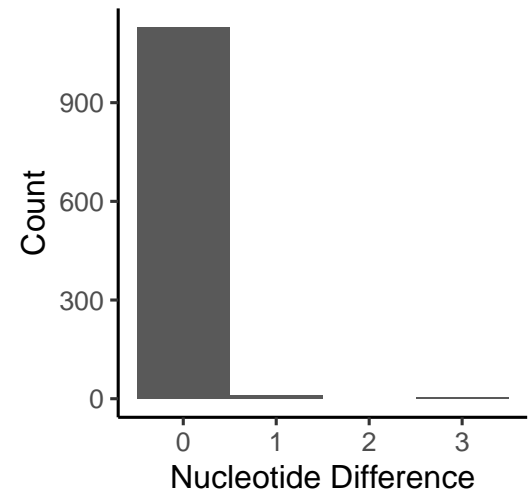
### TRBV5-1\*ap01

3499 sequences assigned  
3448 (98.5%) exact matches, in which:  
3392 unique CDR3  
13 unique J



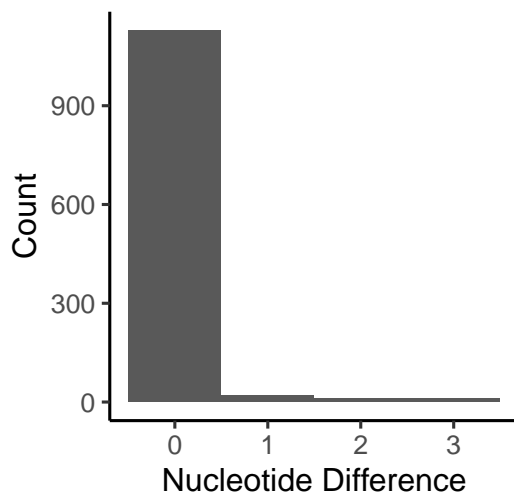
### TRBV5-4\*ap01

1145 sequences assigned  
1130 (98.7%) exact matches, in which:  
1123 unique CDR3  
13 unique J



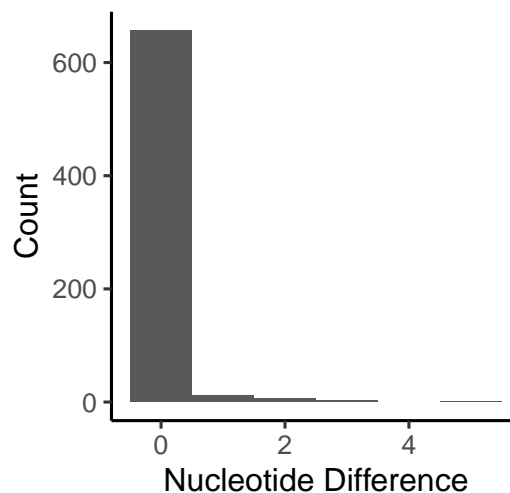
### TRBV4-2\*ap01

1171 sequences assigned  
1129 (96.4%) exact matches, in which:  
1112 unique CDR3  
13 unique J



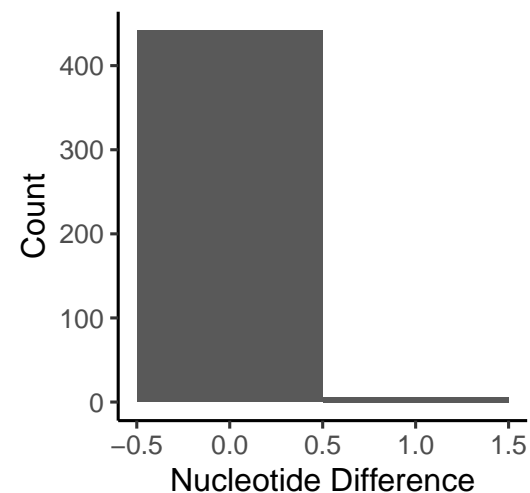
### TRBV25-1\*ap01

679 sequences assigned  
657 (96.8%) exact matches, in which:  
655 unique CDR3  
13 unique J



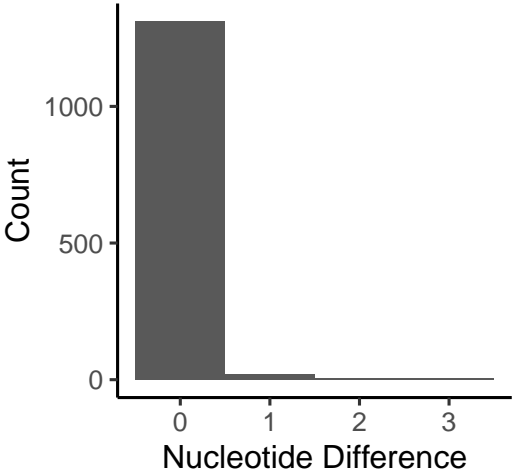
### TRBV5-5\*ap01

448 sequences assigned  
442 (98.7%) exact matches, in which:  
436 unique CDR3  
13 unique J



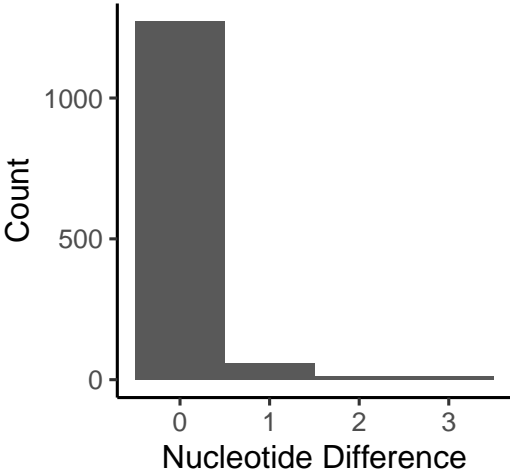
TRBV5-6\*ap01

1342 sequences assigned  
1311 (97.7%) exact matches, in which:  
1290 unique CDR3  
13 unique J



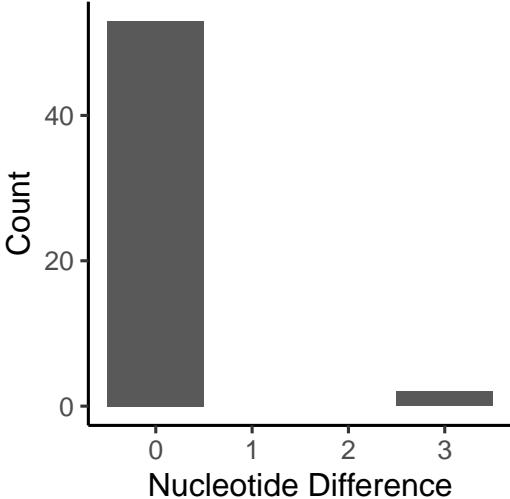
TRBV6-1\*ap01

1355 sequences assigned  
1272 (93.9%) exact matches, in which:  
1247 unique CDR3  
13 unique J



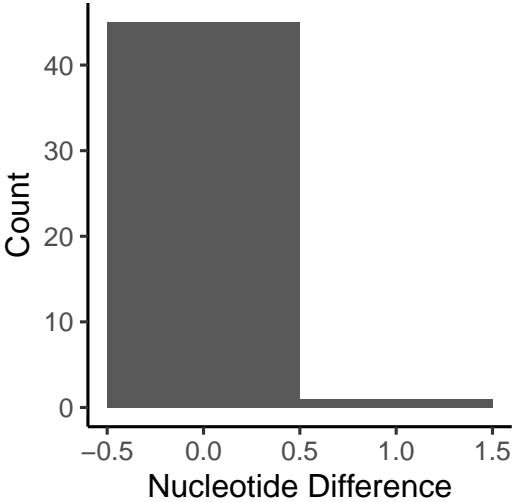
TRBV6-8\*ap01

55 sequences assigned  
53 (96.4%) exact matches, in which:  
51 unique CDR3  
11 unique J



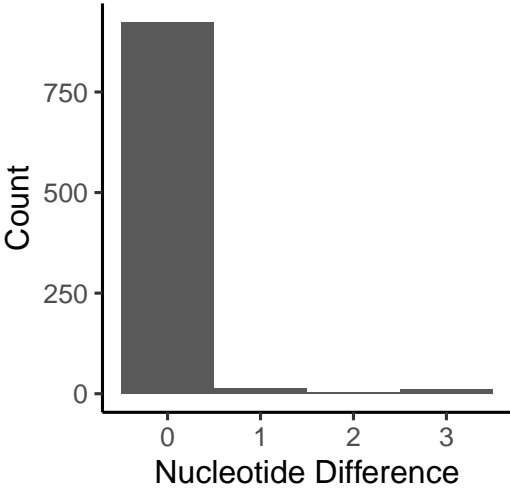
TRBV5-7\*ap01

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



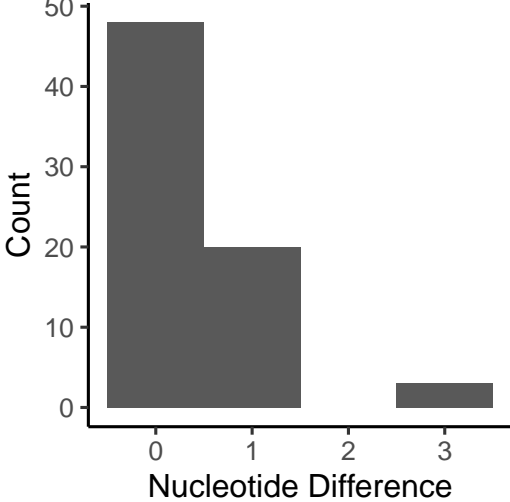
TRBV6-4\*ap01

953 sequences assigned  
924 (97%) exact matches, in which:  
915 unique CDR3  
13 unique J



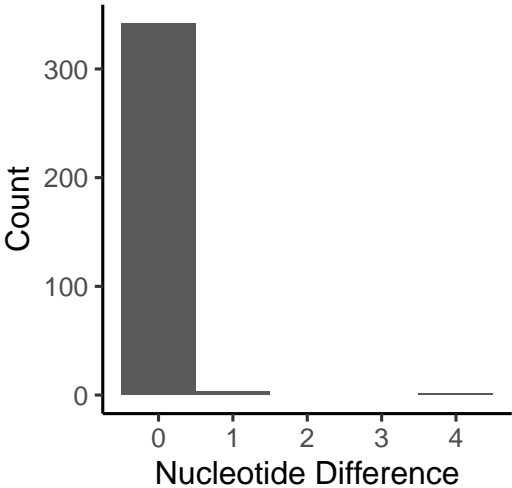
TRBV6-9\*ap01

71 sequences assigned  
48 (67.6%) exact matches, in which:  
47 unique CDR3  
12 unique J



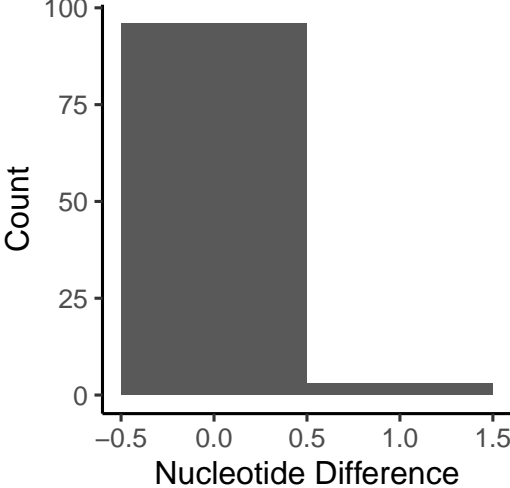
TRBV5-8\*ap01

346 sequences assigned  
342 (98.8%) exact matches, in which:  
339 unique CDR3  
13 unique J



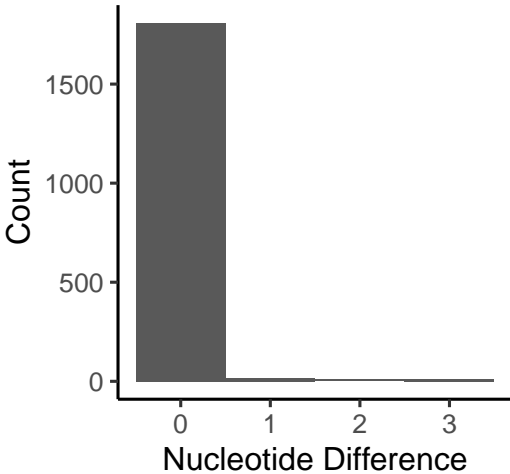
TRBV6-7\*ap01

99 sequences assigned  
96 (97%) exact matches, in which:  
95 unique CDR3  
13 unique J



TRBV6-23\*ap01

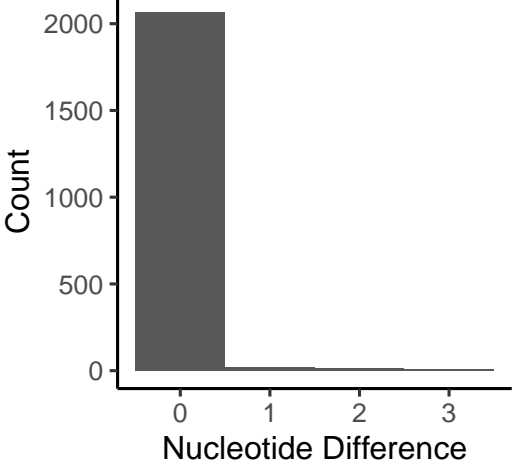
1846 sequences assigned  
1808 (97.9%) exact matches, in which:  
1776 unique CDR3  
13 unique J





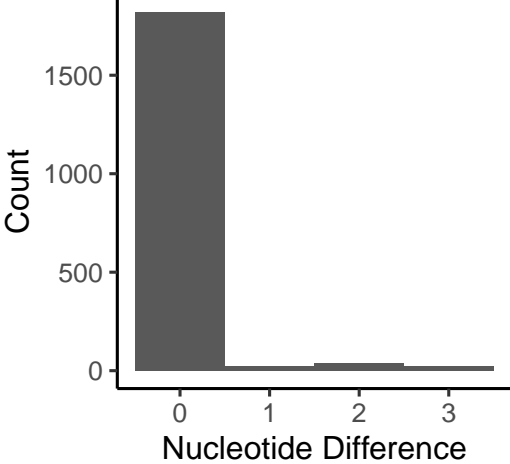
TRBV6-56\*ap01

2105 sequences assigned  
2065 (98.1%) exact matches, in which:  
2024 unique CDR3  
13 unique J



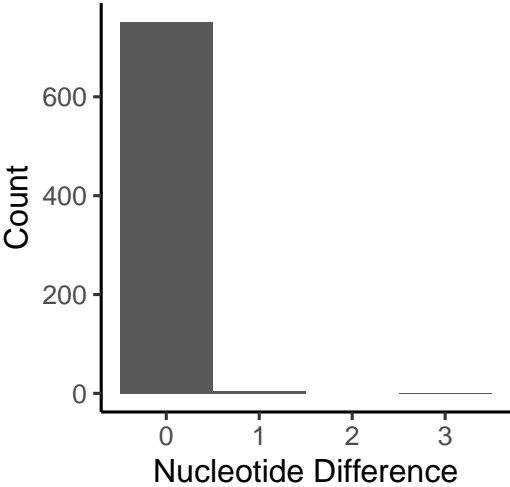
TRBV7-2\*ap01

1903 sequences assigned  
1819 (95.6%) exact matches, in which:  
1804 unique CDR3  
13 unique J



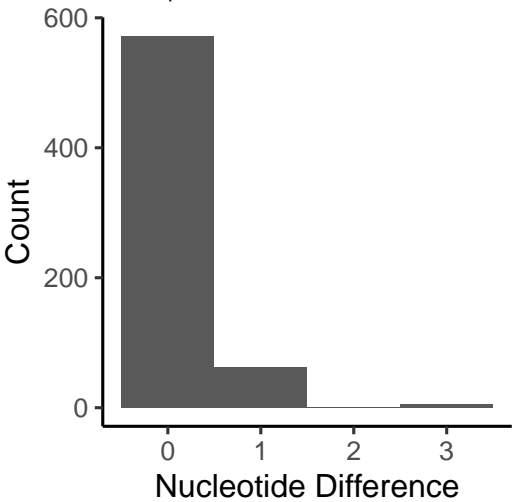
TRBV7-6\*ap01

758 sequences assigned  
752 (99.2%) exact matches, in which:  
743 unique CDR3  
13 unique J



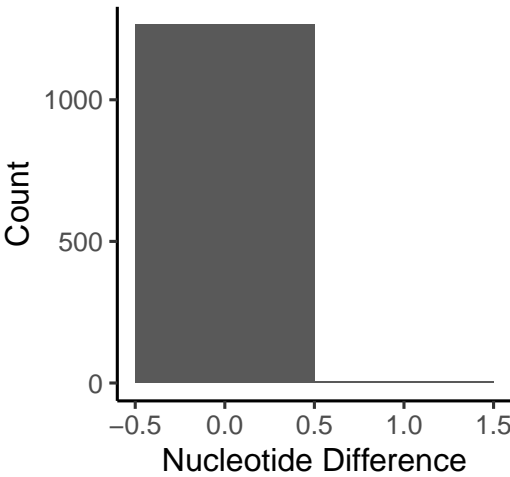
TRBV6-56\*ap02

641 sequences assigned  
572 (89.2%) exact matches, in which:  
560 unique CDR3  
13 unique J



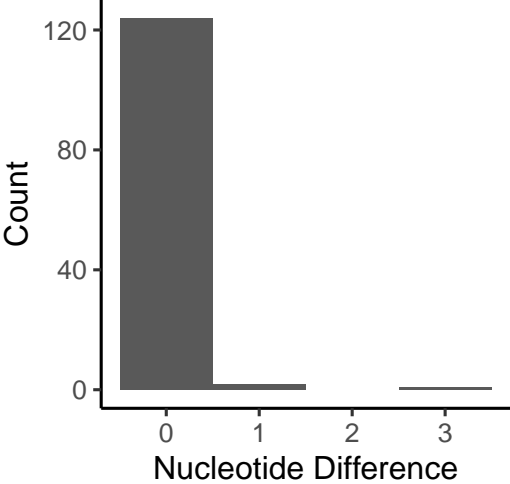
TRBV7-3\*ap01

1270 sequences assigned  
1265 (99.6%) exact matches, in which:  
1254 unique CDR3  
13 unique J



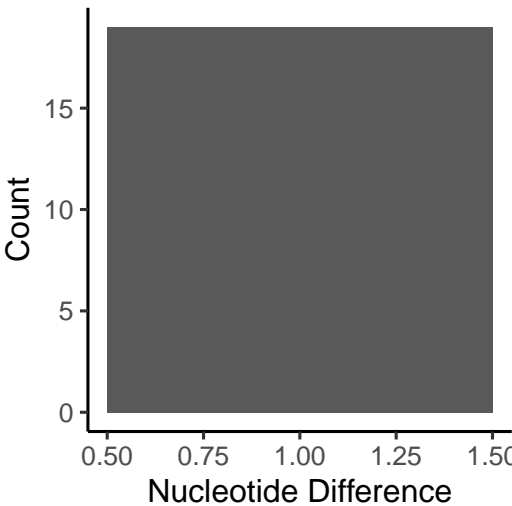
TRBV7-7\*ap01

127 sequences assigned  
124 (97.6%) exact matches, in which:  
122 unique CDR3  
11 unique J



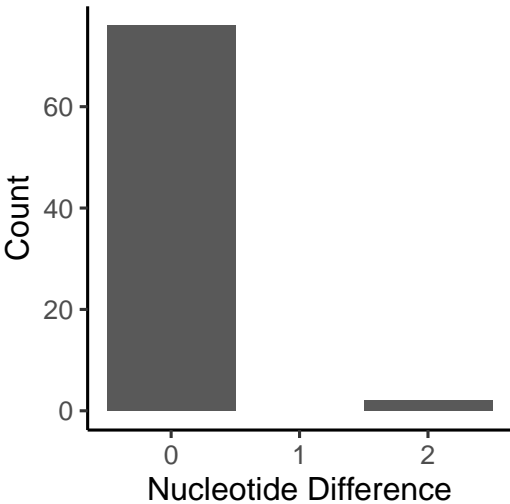
TRBV7-1\*ap01\_T296C

19 sequences assigned  
No exact matches.



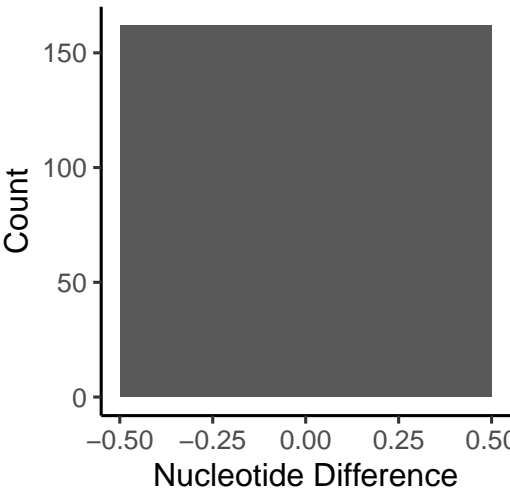
TRBV7-4\*ap01

78 sequences assigned  
76 (97.4%) exact matches, in which:  
76 unique CDR3  
13 unique J



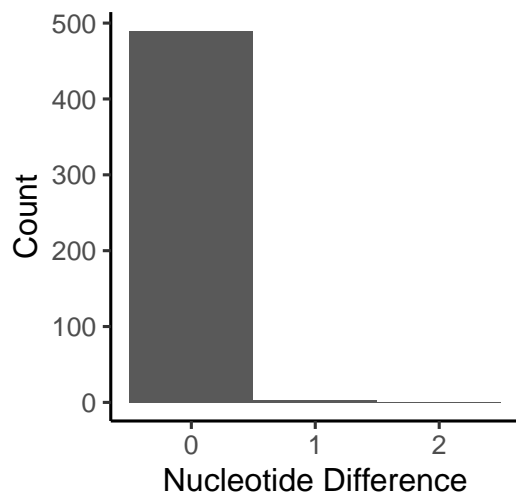
TRBV7-7\*ap01\_C315T

162 sequences assigned  
162 (100%) exact matches, in which:  
162 unique CDR3  
12 unique J



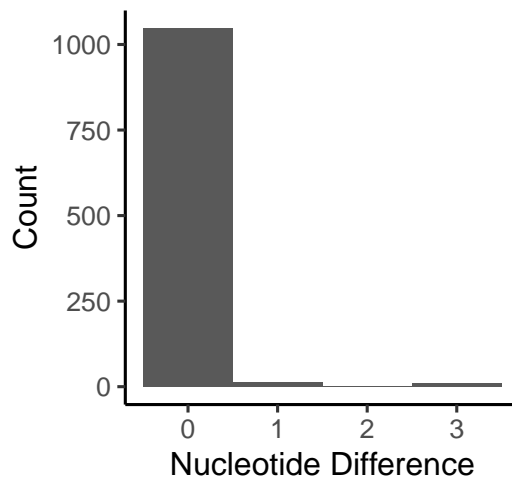
### TRBV7-8\*ap01

494 sequences assigned  
490 (99.2%) exact matches, in which:  
483 unique CDR3  
13 unique J



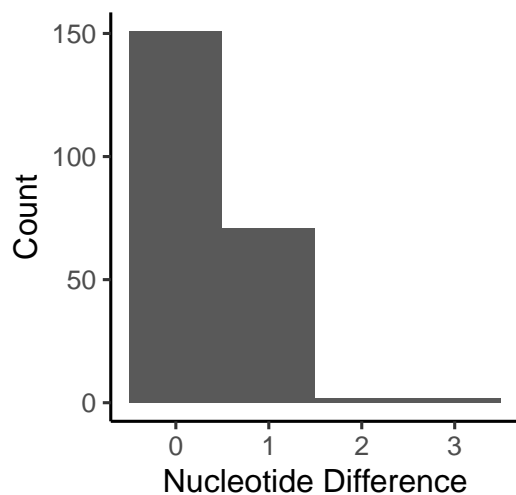
### TRBV29-1\*ap01

1072 sequences assigned  
1047 (97.7%) exact matches, in which:  
1023 unique CDR3  
13 unique J



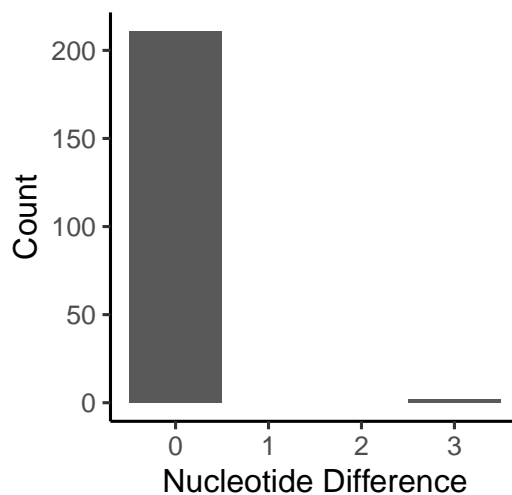
### TRBV7-8\*ap03

226 sequences assigned  
151 (66.8%) exact matches, in which:  
150 unique CDR3  
12 unique J



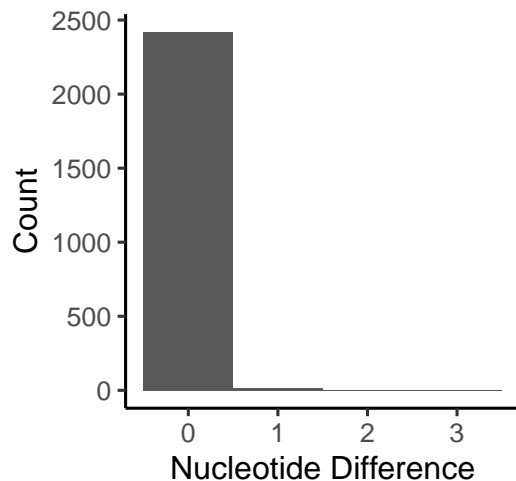
### TRBV29-1\*ap02

213 sequences assigned  
211 (99.1%) exact matches, in which:  
207 unique CDR3  
13 unique J

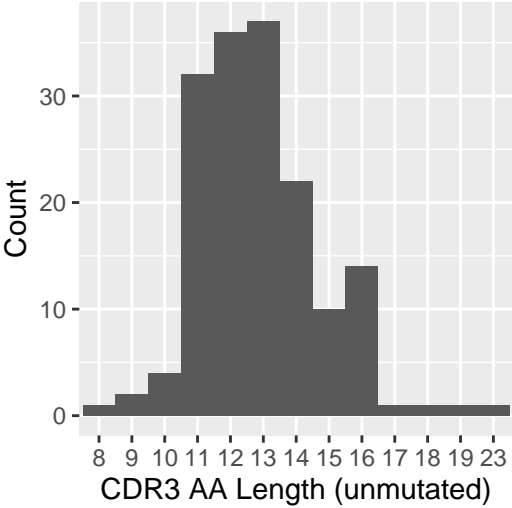


### TRBV7-9\*ap01

2441 sequences assigned  
2419 (99.1%) exact matches, in which:  
2390 unique CDR3  
13 unique J



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.