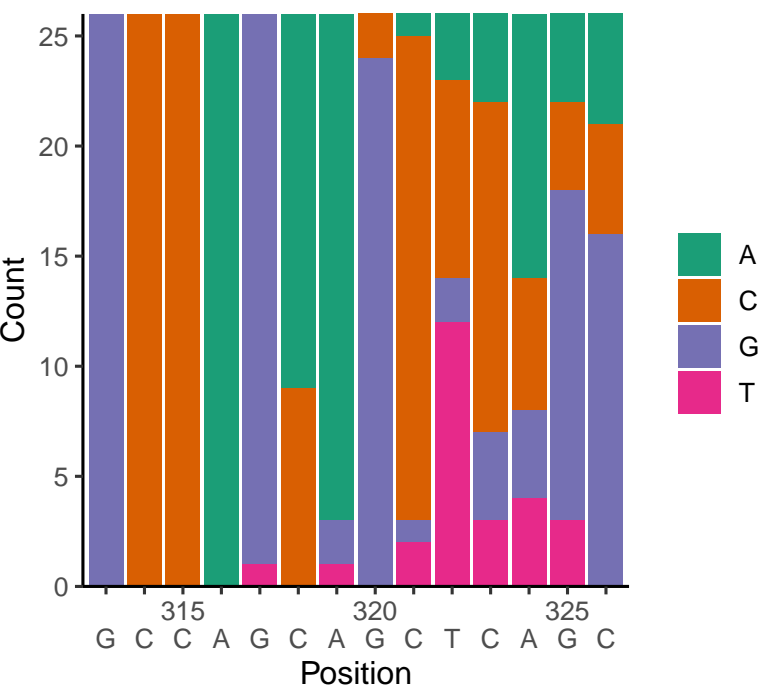
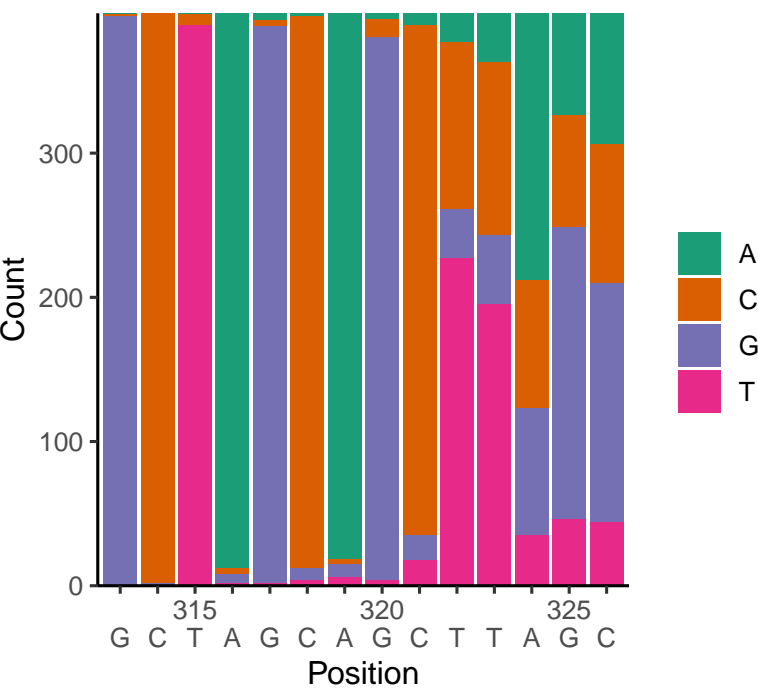


Gene TRBV7-1\*ap01\_T296C



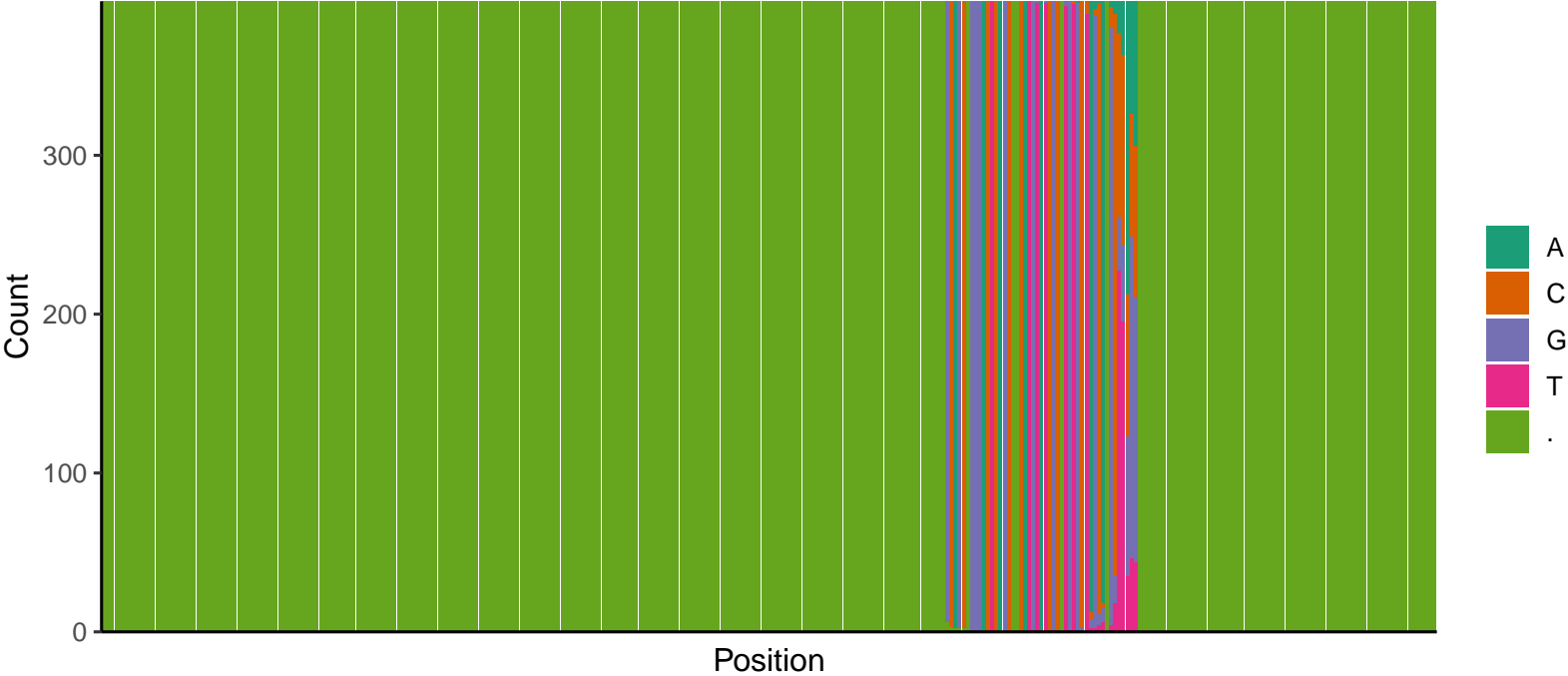
Gene TRBV7-7\*ap01\_C315T



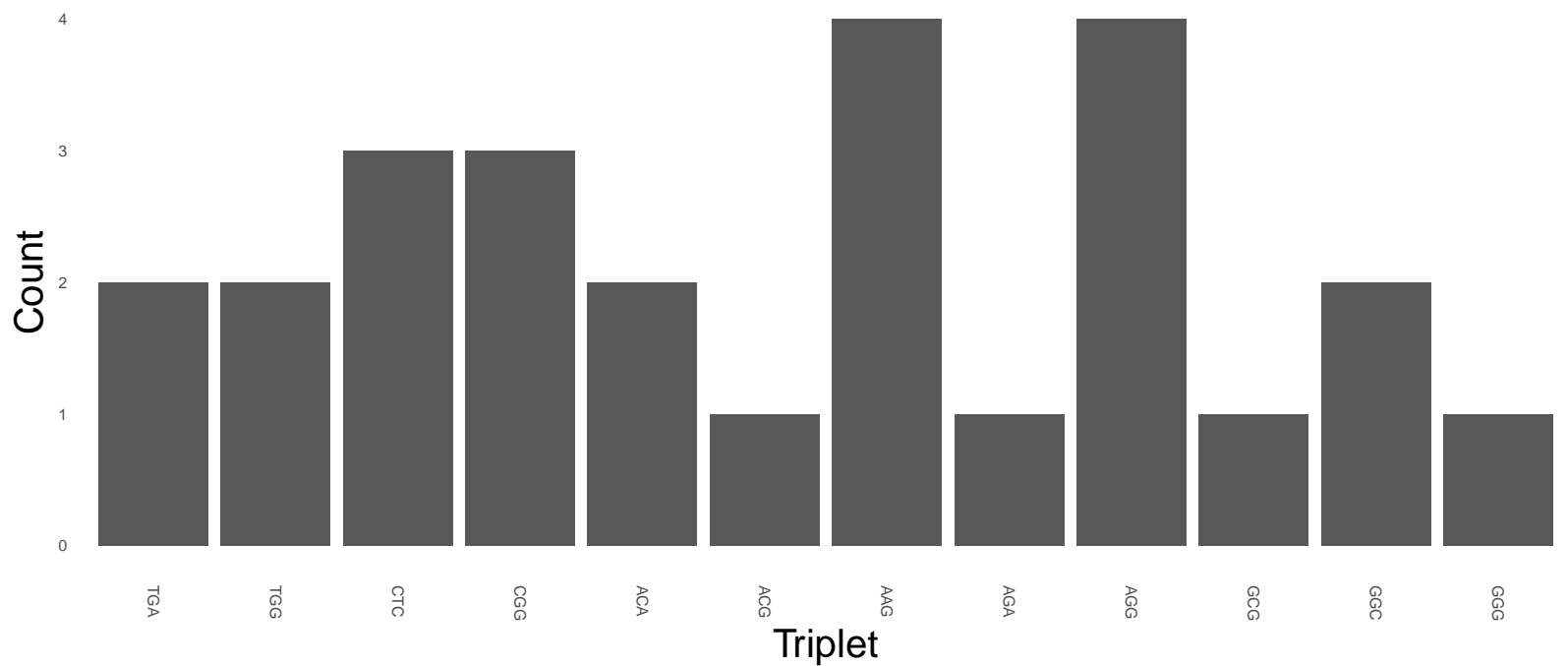
Gene TRBV7-1\*ap01\_T296C



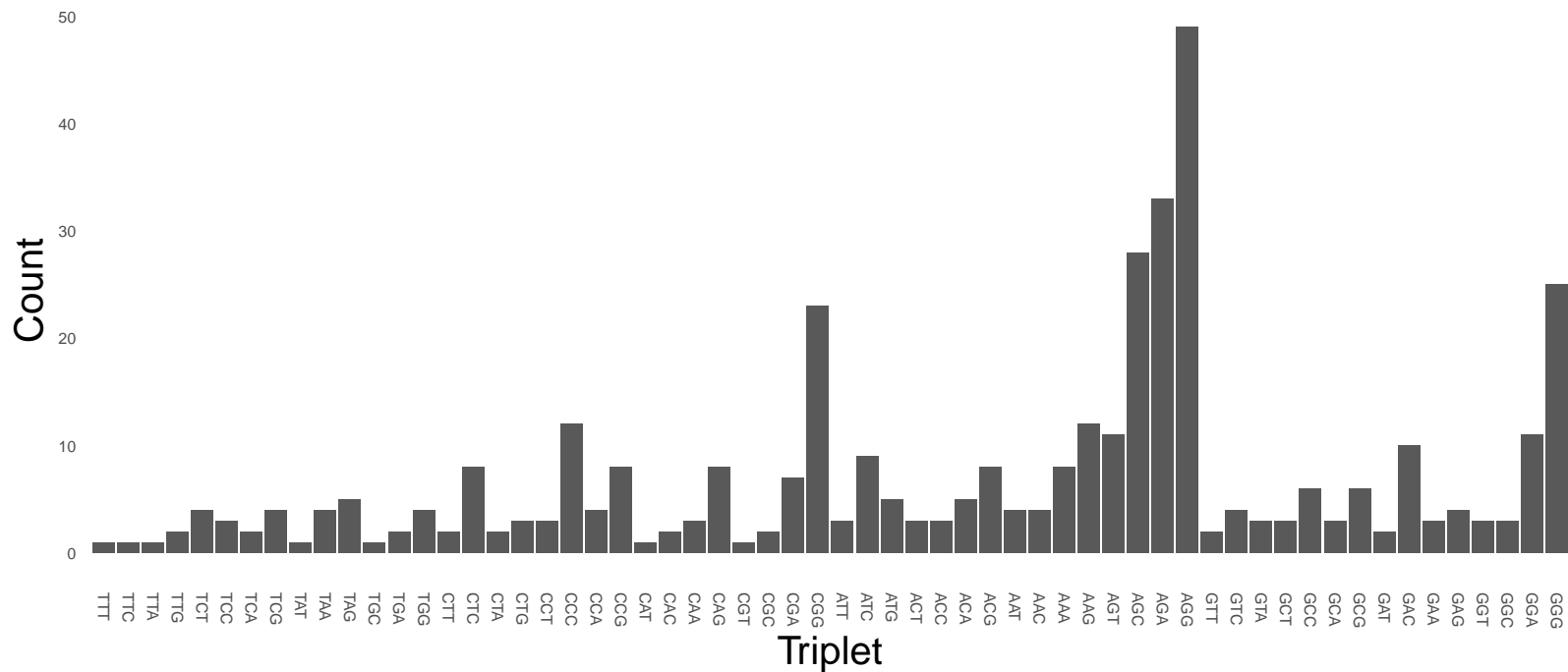
Gene TRBV7-7\*ap01\_C315T



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

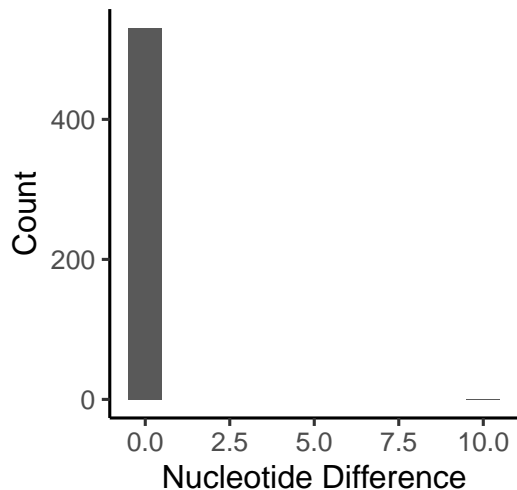


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



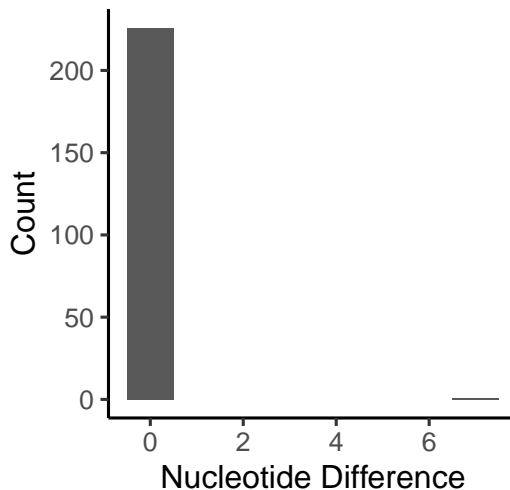
### TRBV10–1\*ap01

532 sequences assigned  
531 (99.8%) exact matches, in which:  
531 unique CDR3  
13 unique J



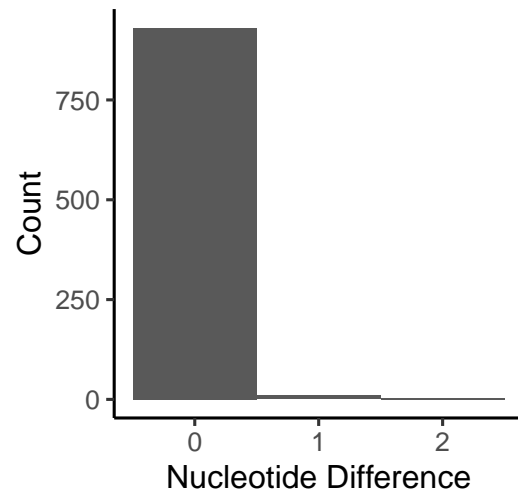
### TRBV10–2\*ap01

227 sequences assigned  
226 (99.6%) exact matches, in which:  
226 unique CDR3  
12 unique J



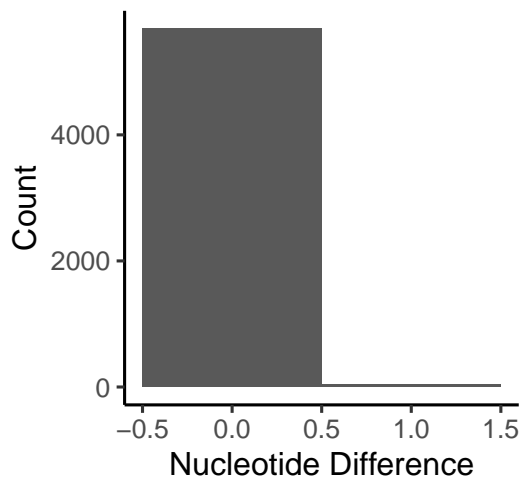
### TRBV13\*ap01

944 sequences assigned  
931 (98.6%) exact matches, in which:  
931 unique CDR3  
13 unique J



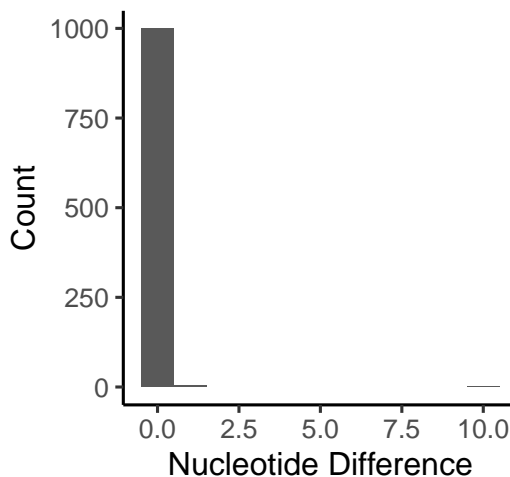
### TRBV20–1\*ap01

5728 sequences assigned  
5684 (99.2%) exact matches, in which:  
5611 unique CDR3  
13 unique J



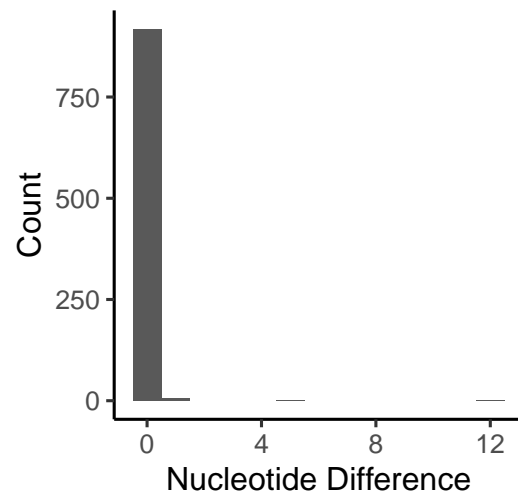
### TRBV10–3\*ap01

1005 sequences assigned  
999 (99.4%) exact matches, in which:  
996 unique CDR3  
13 unique J



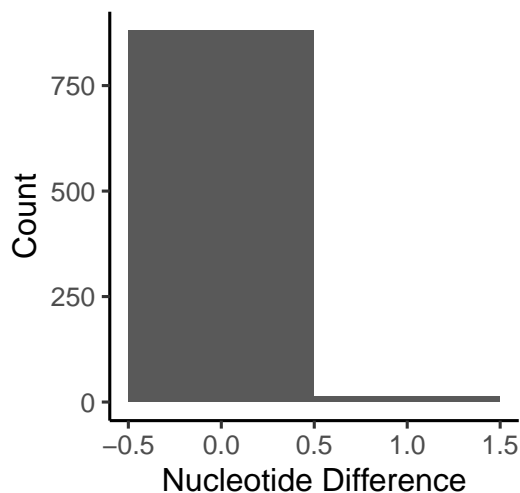
### TRBV14\*ap01

926 sequences assigned  
918 (99.1%) exact matches, in which:  
914 unique CDR3  
13 unique J



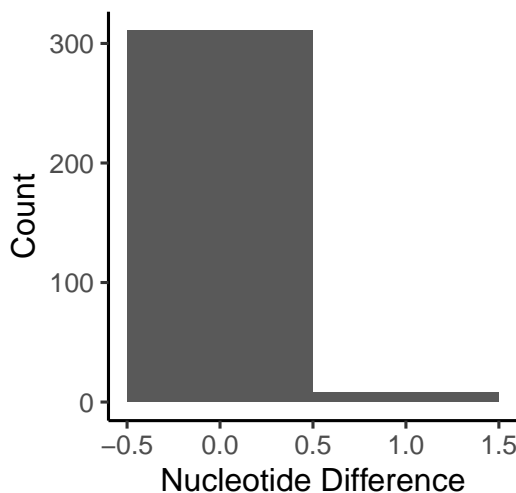
### TRBV20–1\*ap02

894 sequences assigned  
881 (98.5%) exact matches, in which:  
865 unique CDR3  
13 unique J



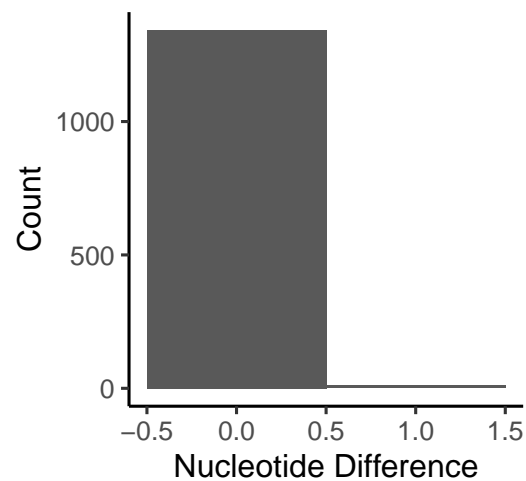
### TRBV1\*ap01

319 sequences assigned  
311 (97.5%) exact matches, in which:  
307 unique CDR3  
13 unique J



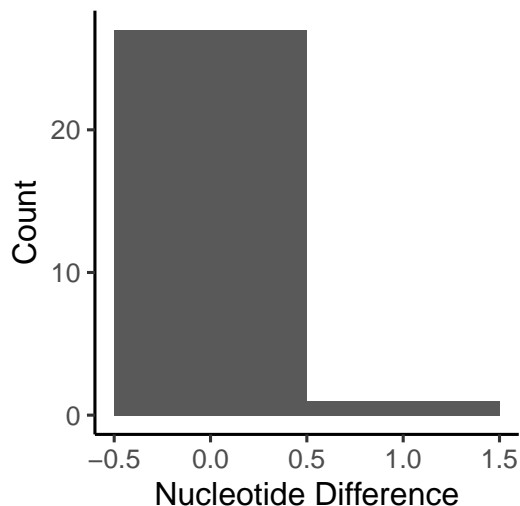
### TRBV15\*ap02

1354 sequences assigned  
1343 (99.2%) exact matches, in which:  
1339 unique CDR3  
13 unique J



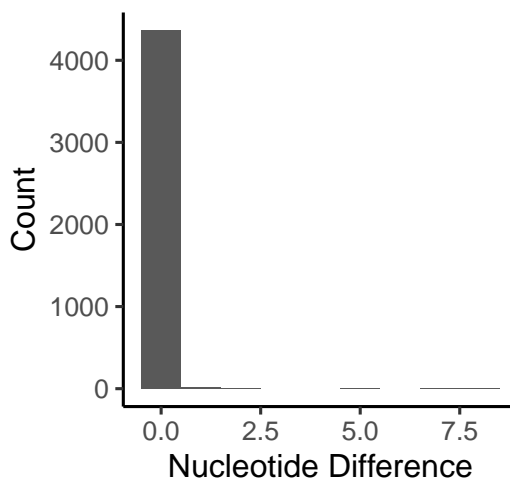
### TRBV16\*ap01

28 sequences assigned  
27 (96.4%) exact matches, in which:  
27 unique CDR3  
7 unique J



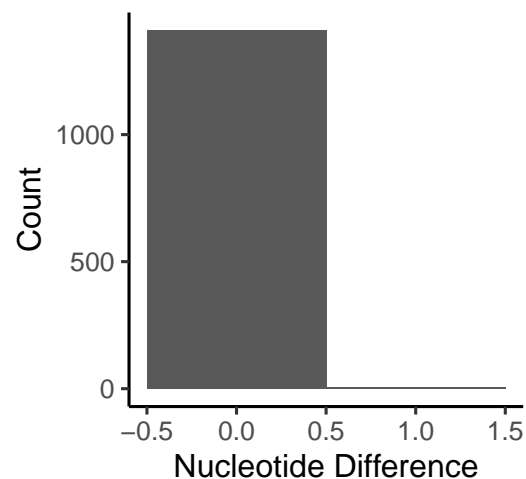
### TRBV19\*ap01

4394 sequences assigned  
4364 (99.3%) exact matches, in which:  
4347 unique CDR3  
13 unique J



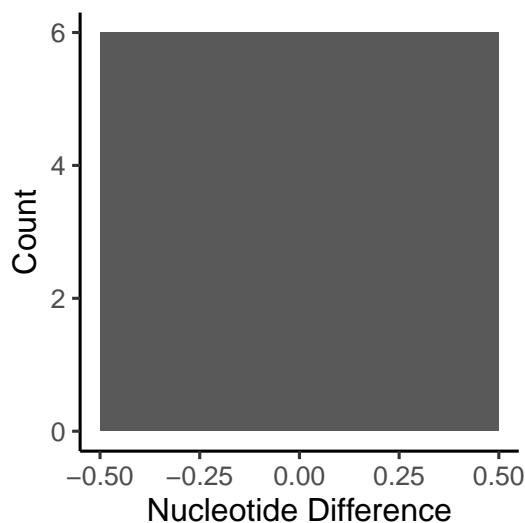
### TRBV28\*ap01

1415 sequences assigned  
1410 (99.6%) exact matches, in which:  
1406 unique CDR3  
13 unique J



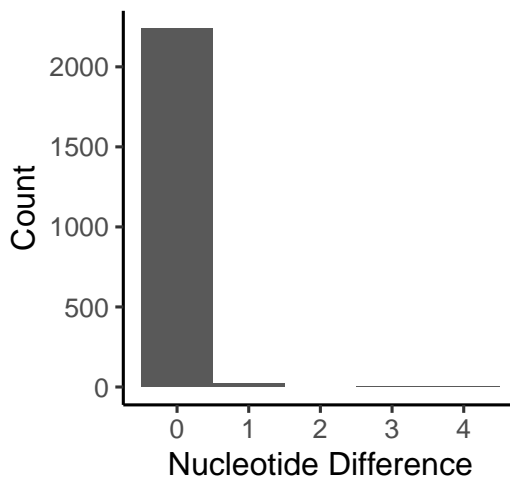
### TRBV17\*ap01

6 sequences assigned  
6 (100%) exact matches, in which:  
6 unique CDR3  
6 unique J



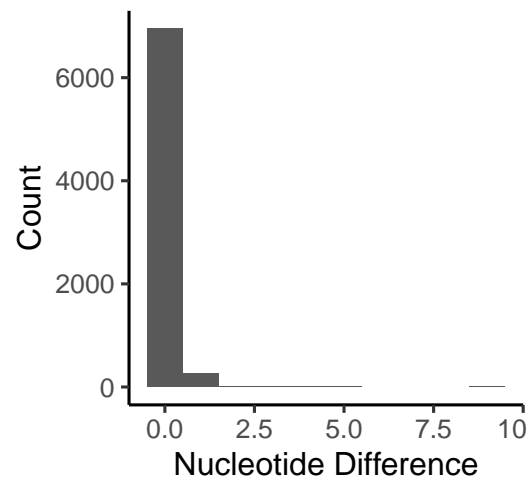
### TRBV2\*ap01

2259 sequences assigned  
2238 (99.1%) exact matches, in which:  
2230 unique CDR3  
13 unique J



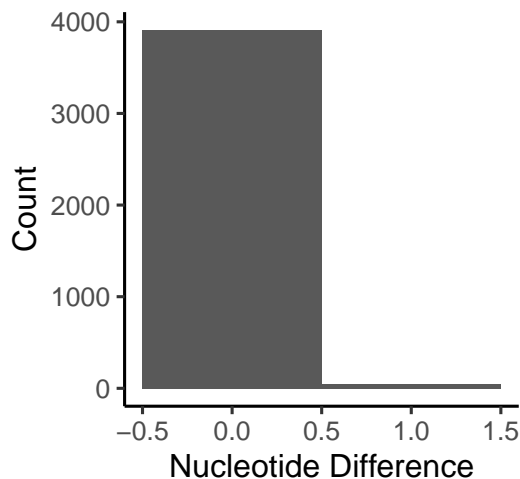
### TRBV30\*ap01

7217 sequences assigned  
6949 (96.3%) exact matches, in which:  
6743 unique CDR3  
13 unique J



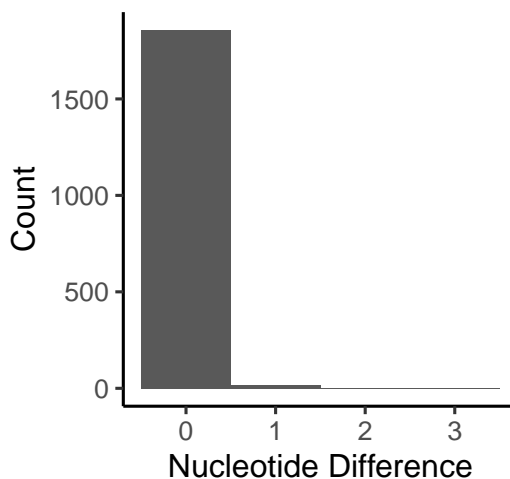
### TRBV18\*ap01

3954 sequences assigned  
3910 (98.9%) exact matches, in which:  
3879 unique CDR3  
13 unique J



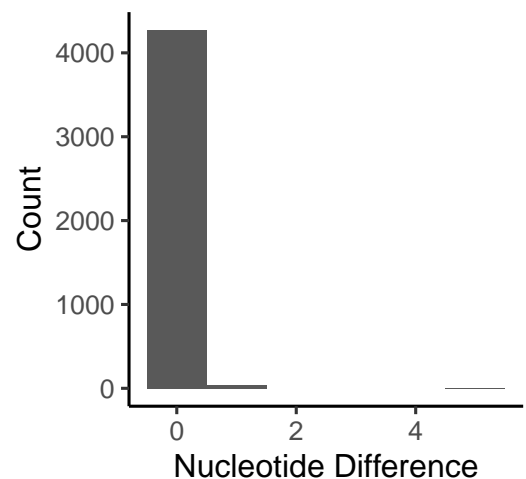
### TRBV27\*ap01

1877 sequences assigned  
1857 (98.9%) exact matches, in which:  
1849 unique CDR3  
13 unique J



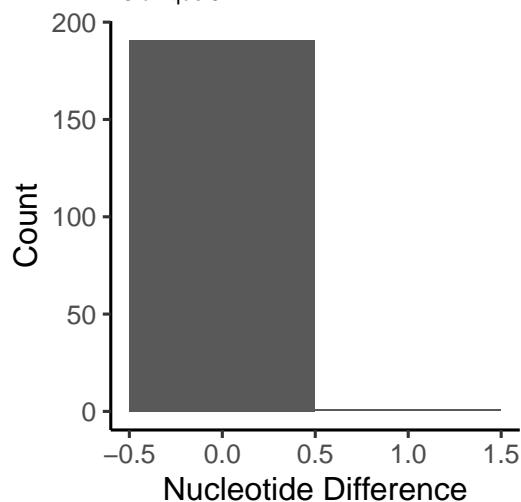
### TRBV9\*ap01

4311 sequences assigned  
4272 (99.1%) exact matches, in which:  
4257 unique CDR3  
13 unique J



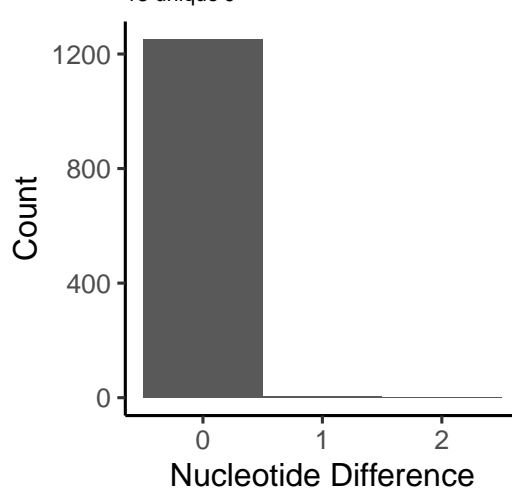
### TRBV11-1\*ap01

192 sequences assigned  
191 (99.5%) exact matches, in which:  
190 unique CDR3  
13 unique J



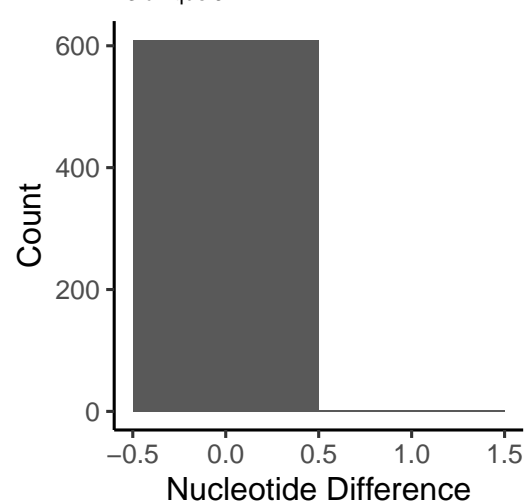
### TRBV11-3\*ap01

1258 sequences assigned  
1251 (99.4%) exact matches, in which:  
1250 unique CDR3  
13 unique J



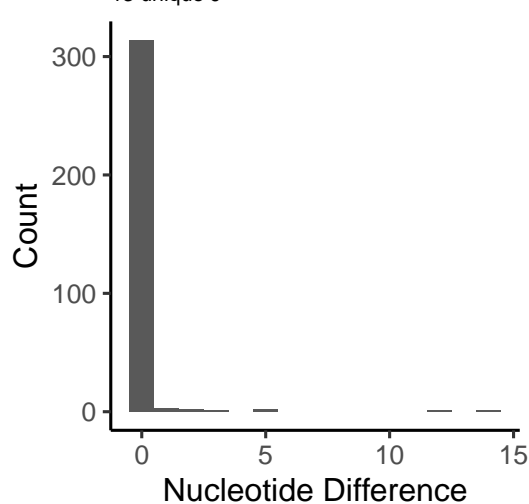
### TRBV12-5\*ap01

612 sequences assigned  
610 (99.7%) exact matches, in which:  
608 unique CDR3  
13 unique J



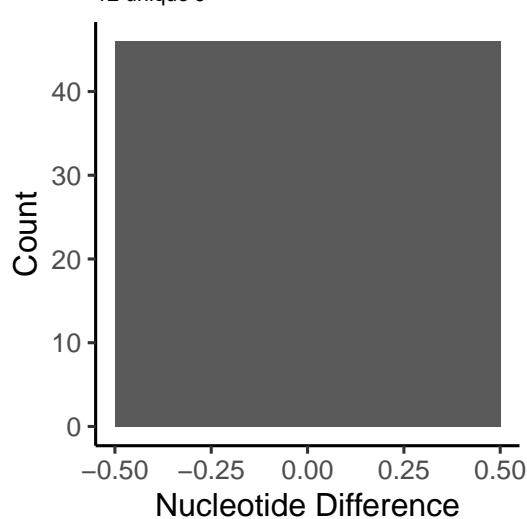
### TRBV21-1\*ap01

324 sequences assigned  
314 (96.9%) exact matches, in which:  
313 unique CDR3  
13 unique J



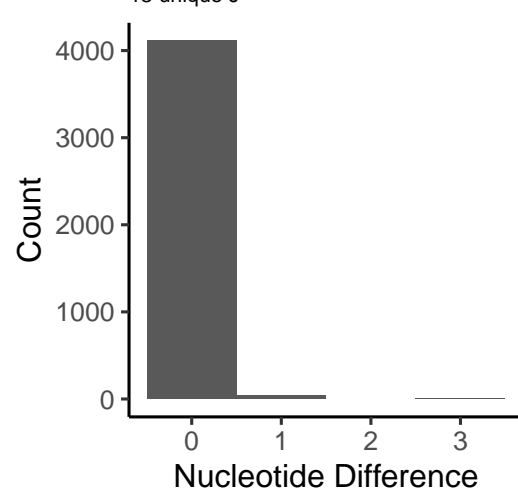
### TRBV12-1\*ap01

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



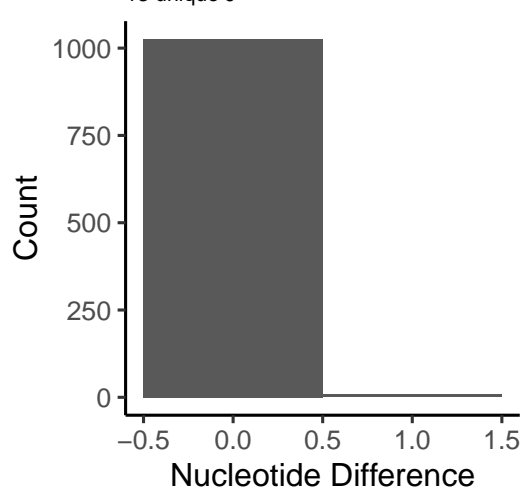
### TRBV12-34\*ap01

4149 sequences assigned  
4113 (99.1%) exact matches, in which:  
4104 unique CDR3  
13 unique J



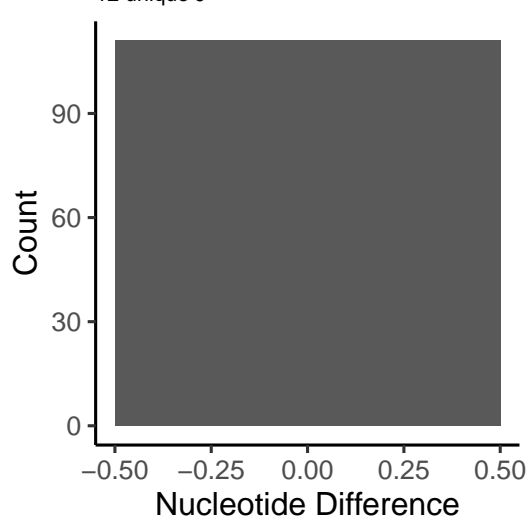
### TRBV11-2\*ap01

1034 sequences assigned  
1026 (99.2%) exact matches, in which:  
1021 unique CDR3  
13 unique J



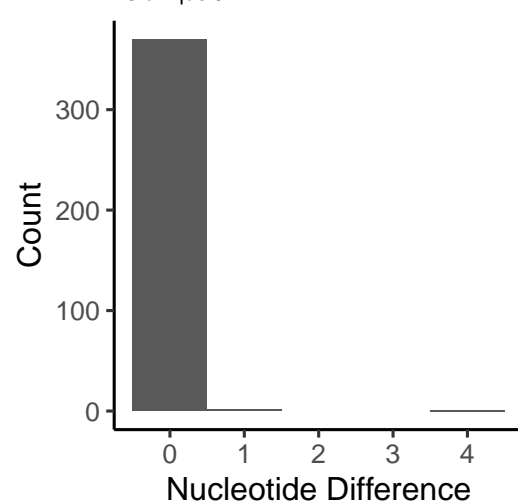
### TRBV12-2\*ap01

111 sequences assigned  
111 (100%) exact matches, in which:  
111 unique CDR3  
12 unique J



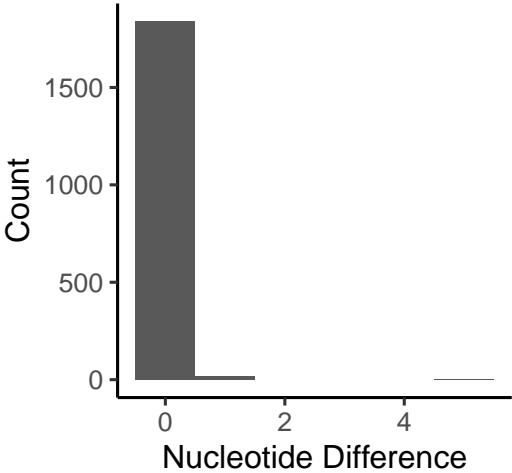
### TRBV23-1\*ap01

373 sequences assigned  
370 (99.2%) exact matches, in which:  
370 unique CDR3  
13 unique J



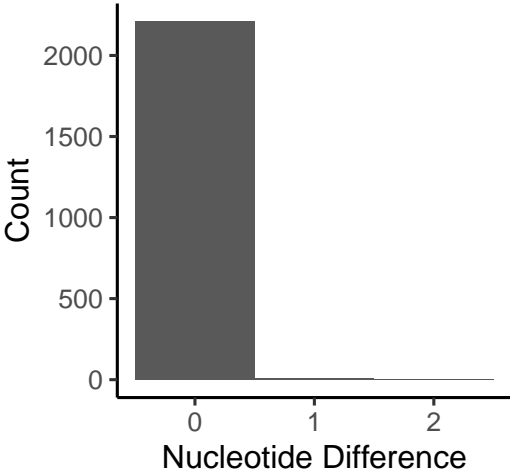
TRBV3-12\*ap01

1860 sequences assigned  
1839 (98.9%) exact matches, in which:  
1834 unique CDR3  
13 unique J



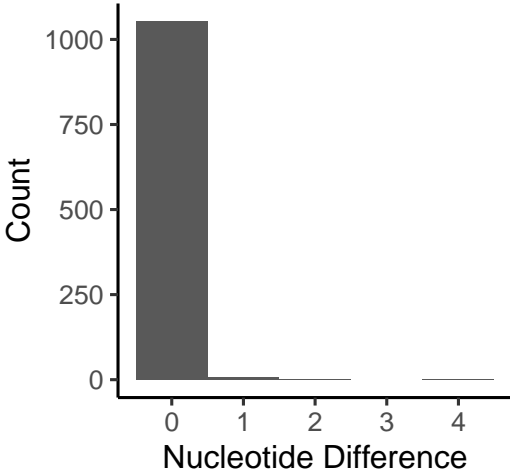
TRBV4-2\*ap01

2221 sequences assigned  
2210 (99.5%) exact matches, in which:  
2193 unique CDR3  
13 unique J



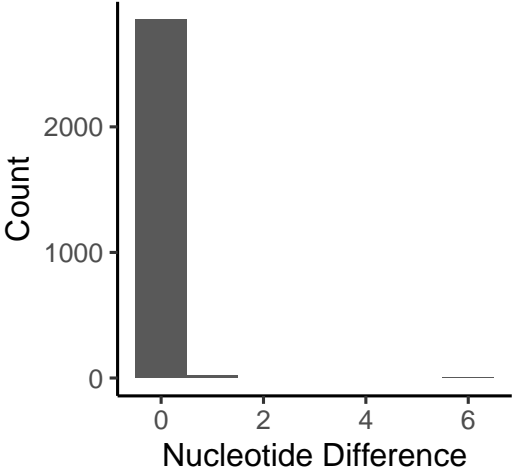
TRBV25-1\*ap01

1062 sequences assigned  
1053 (99.2%) exact matches, in which:  
1044 unique CDR3  
13 unique J



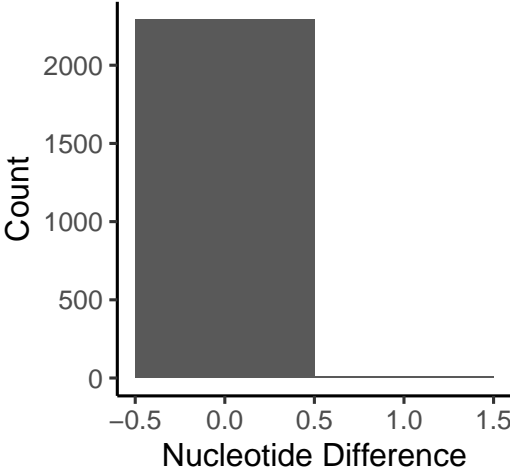
TRBV4-1\*ap01

2872 sequences assigned  
2853 (99.3%) exact matches, in which:  
2829 unique CDR3  
13 unique J



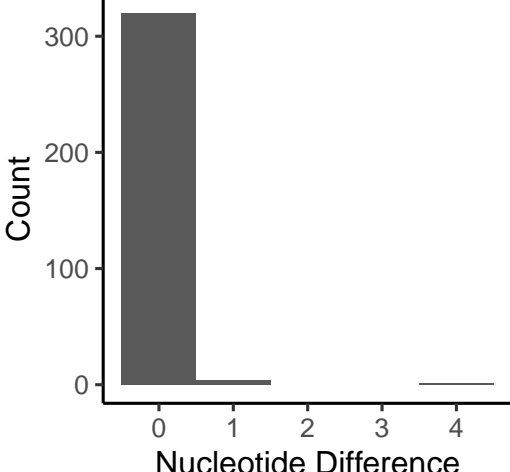
TRBV4-3\*ap01

2299 sequences assigned  
2291 (99.7%) exact matches, in which:  
2272 unique CDR3  
13 unique J



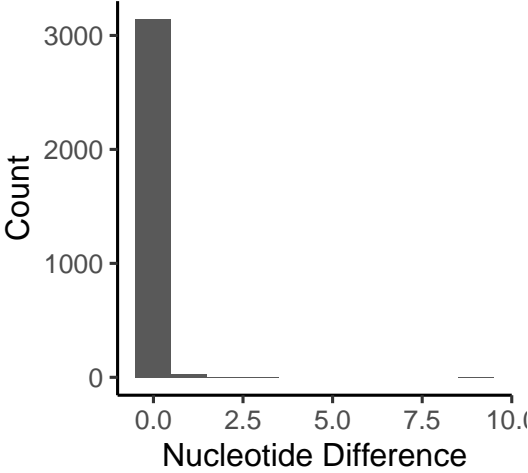
TRBV5-3\*ap01

325 sequences assigned  
320 (98.5%) exact matches, in which:  
320 unique CDR3  
13 unique J



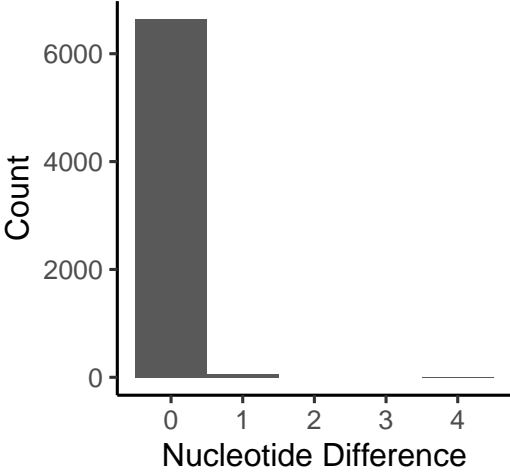
TRBV24-1\*ap01

3176 sequences assigned  
3144 (99%) exact matches, in which:  
3128 unique CDR3  
13 unique J



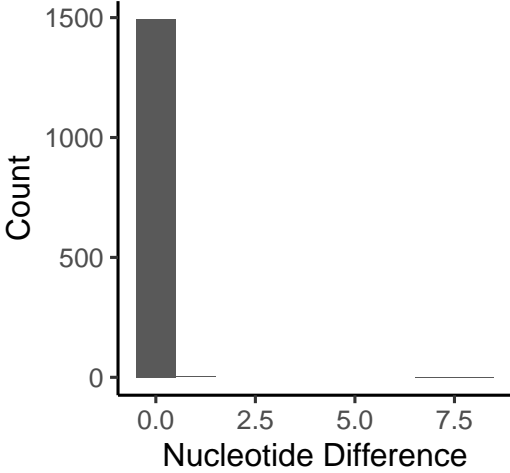
TRBV5-1\*ap01

6707 sequences assigned  
6643 (99%) exact matches, in which:  
6586 unique CDR3  
13 unique J



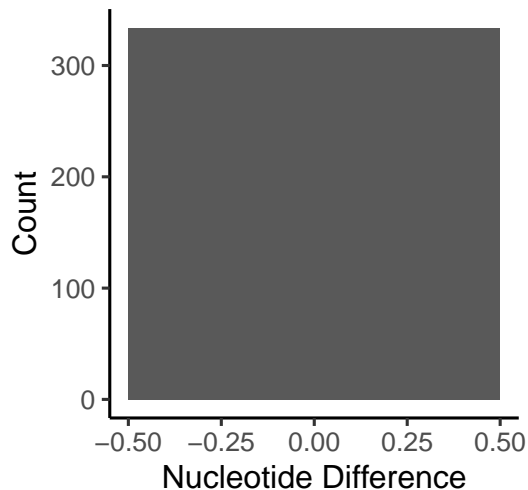
TRBV5-4\*ap01

1500 sequences assigned  
1494 (99.6%) exact matches, in which:  
1488 unique CDR3  
13 unique J



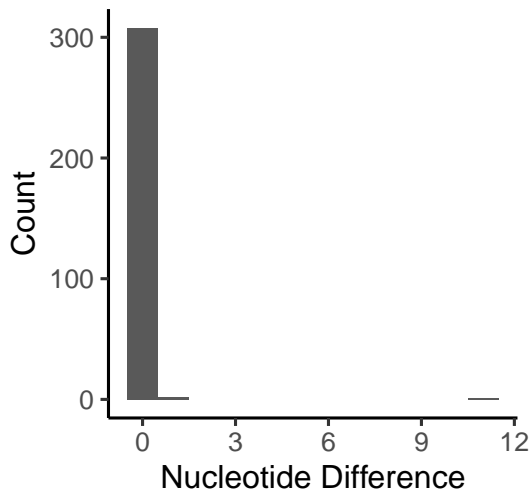
### TRBV5-5\*ap01

334 sequences assigned  
334 (100%) exact matches, in which:  
332 unique CDR3  
12 unique J



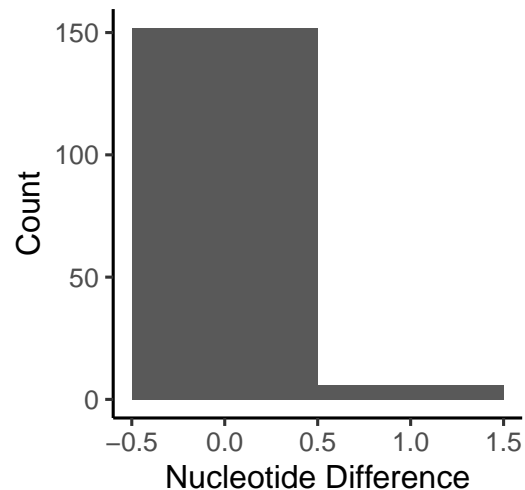
### TRBV5-8\*ap01

311 sequences assigned  
308 (99%) exact matches, in which:  
308 unique CDR3  
13 unique J



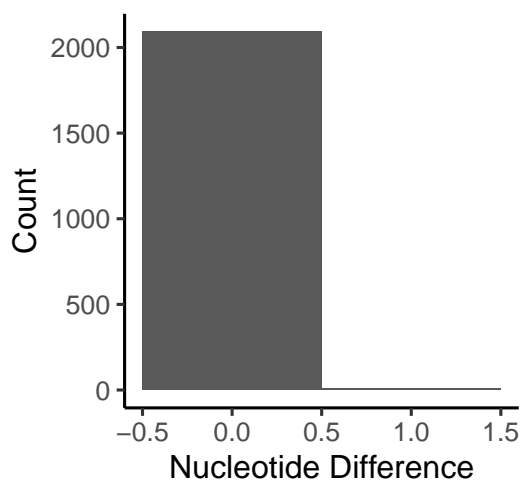
### TRBV6-7\*ap01

158 sequences assigned  
152 (96.2%) exact matches, in which:  
151 unique CDR3  
12 unique J



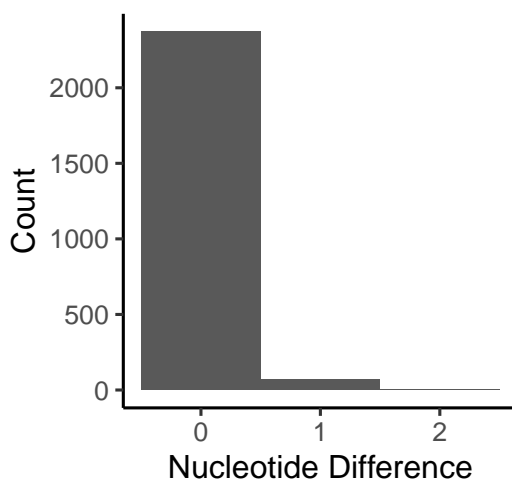
### TRBV5-6\*ap01

2101 sequences assigned  
2092 (99.6%) exact matches, in which:  
2075 unique CDR3  
13 unique J



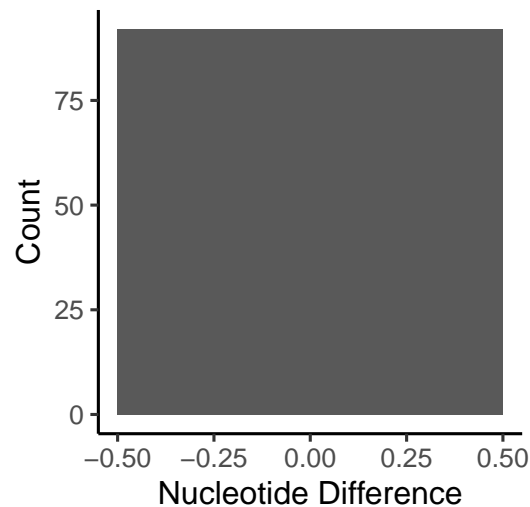
### TRBV6-1\*ap01

2442 sequences assigned  
2371 (97.1%) exact matches, in which:  
2349 unique CDR3  
13 unique J



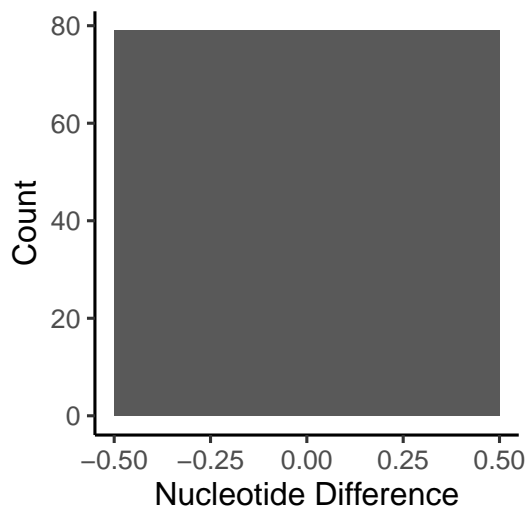
### TRBV6-8\*ap01

92 sequences assigned  
92 (100%) exact matches, in which:  
91 unique CDR3  
11 unique J



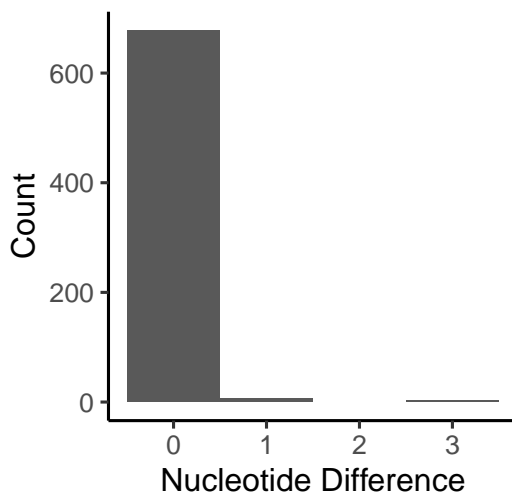
### TRBV5-7\*ap01

79 sequences assigned  
79 (100%) exact matches, in which:  
79 unique CDR3  
11 unique J



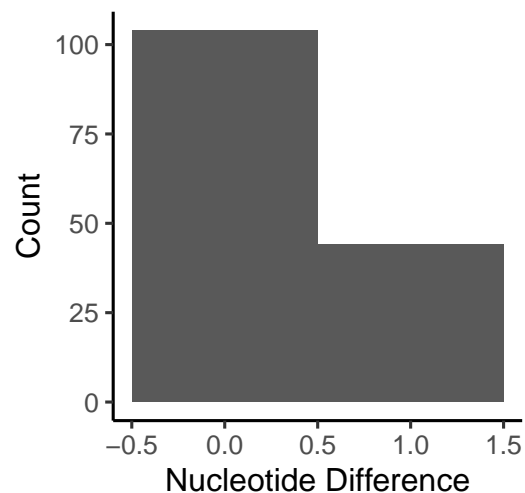
### TRBV6-4\*ap01

687 sequences assigned  
678 (98.7%) exact matches, in which:  
672 unique CDR3  
13 unique J



### TRBV6-9\*ap01

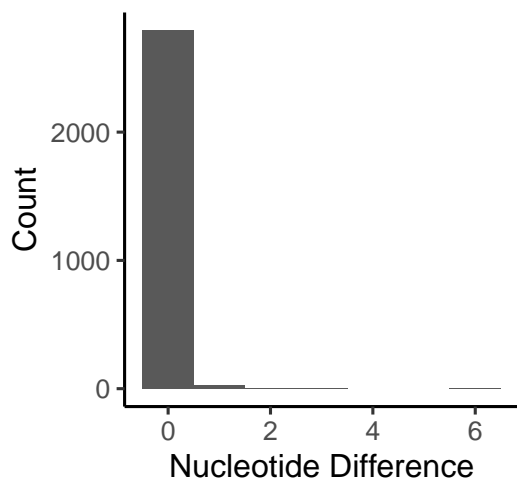
148 sequences assigned  
104 (70.3%) exact matches, in which:  
103 unique CDR3  
13 unique J





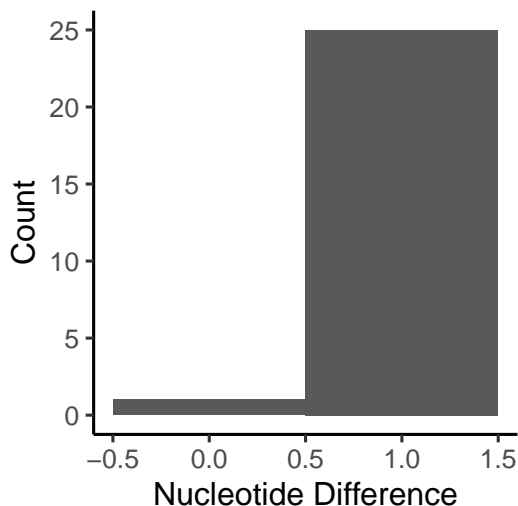
### TRBV6–23\*ap01

2821 sequences assigned  
2793 (99%) exact matches, in which:  
2778 unique CDR3  
13 unique J



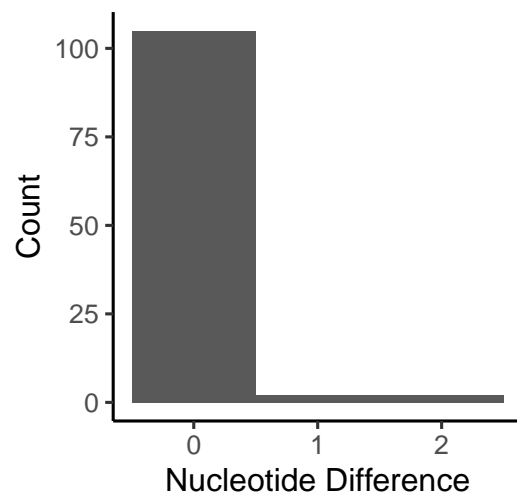
### TRBV7–1\*ap01\_T296C

26 sequences assigned  
1 (3.8%) exact matches, in which:  
1 unique CDR3  
1 unique J



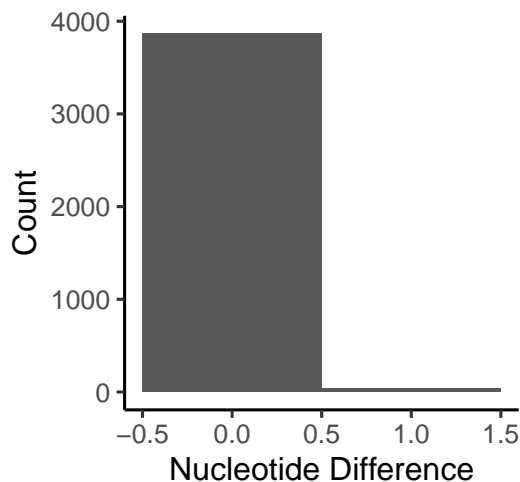
### TRBV7–4\*ap01

109 sequences assigned  
105 (96.3%) exact matches, in which:  
105 unique CDR3  
12 unique J



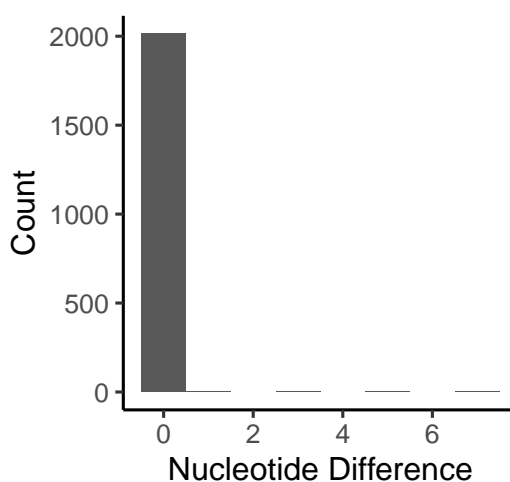
### TRBV6–56\*ap01

3899 sequences assigned  
3865 (99.1%) exact matches, in which:  
3837 unique CDR3  
13 unique J



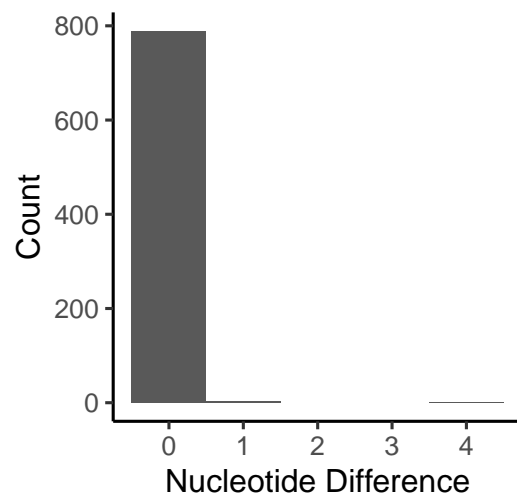
### TRBV7–2\*ap01

2022 sequences assigned  
2014 (99.6%) exact matches, in which:  
2004 unique CDR3  
13 unique J



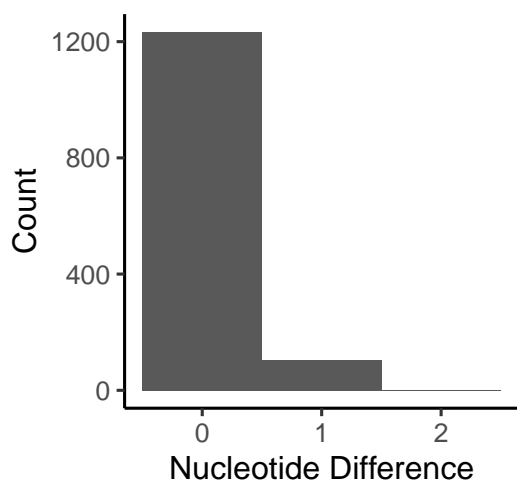
### TRBV7–6\*ap01

793 sequences assigned  
789 (99.5%) exact matches, in which:  
786 unique CDR3  
13 unique J



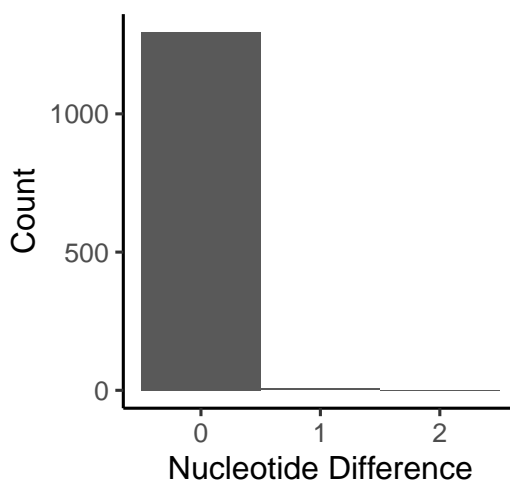
### TRBV6–56\*ap02

1338 sequences assigned  
1233 (92.2%) exact matches, in which:  
1223 unique CDR3  
13 unique J



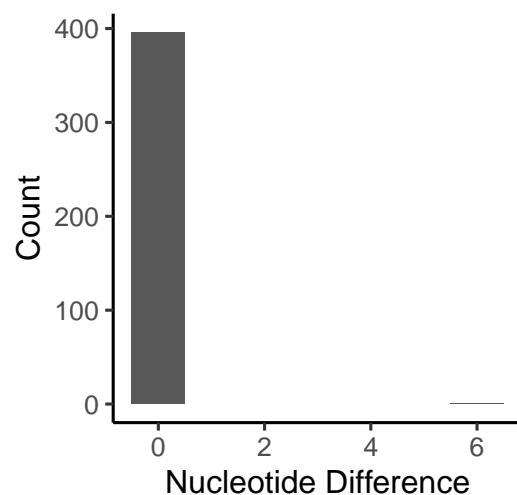
### TRBV7–3\*ap01

1303 sequences assigned  
1296 (99.5%) exact matches, in which:  
1291 unique CDR3  
13 unique J



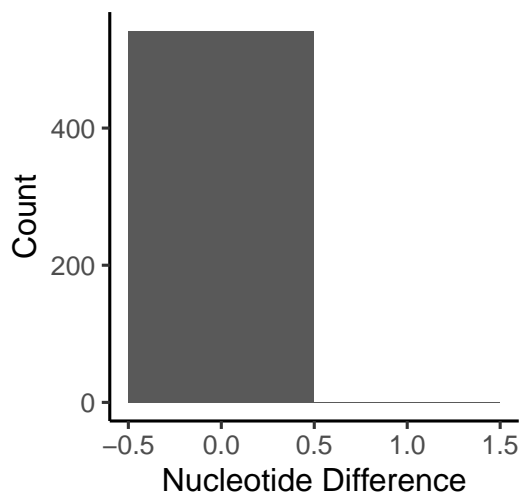
### TRBV7–7\*ap01\_C315T

397 sequences assigned  
396 (99.7%) exact matches, in which:  
394 unique CDR3  
13 unique J



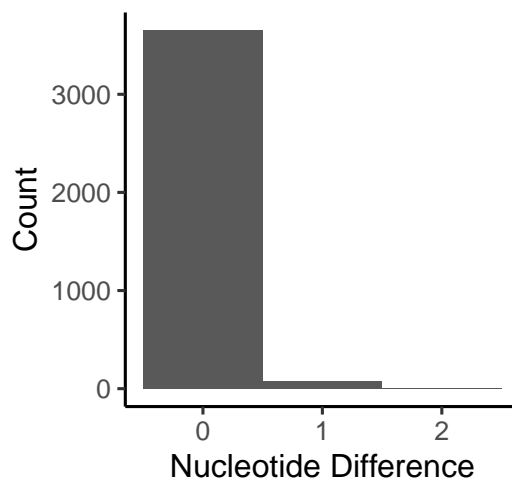
### TRBV7-8\*ap01

543 sequences assigned  
542 (99.8%) exact matches, in which:  
541 unique CDR3  
13 unique J



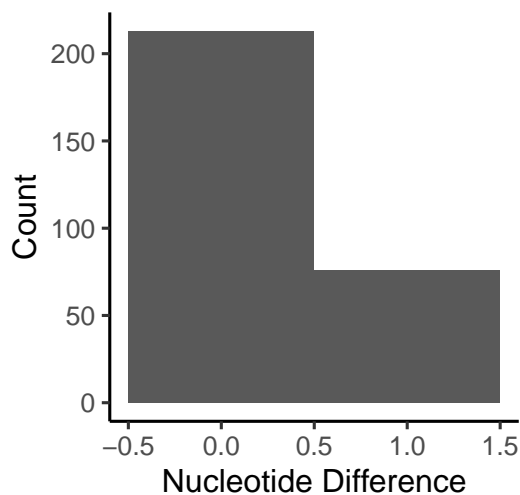
### TRBV29-1\*ap01

3727 sequences assigned  
3651 (98%) exact matches, in which:  
3566 unique CDR3  
13 unique J



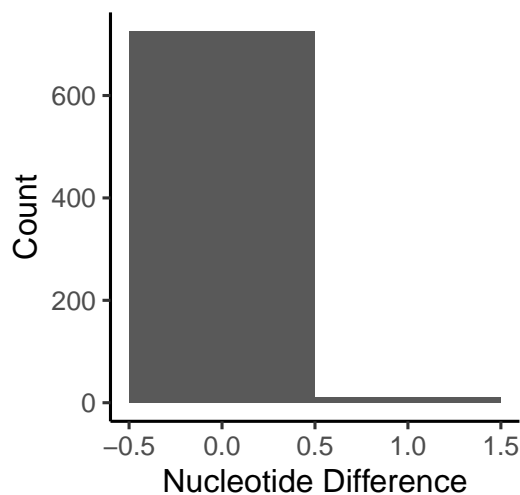
### TRBV7-8\*ap03

289 sequences assigned  
213 (73.7%) exact matches, in which:  
213 unique CDR3  
13 unique J



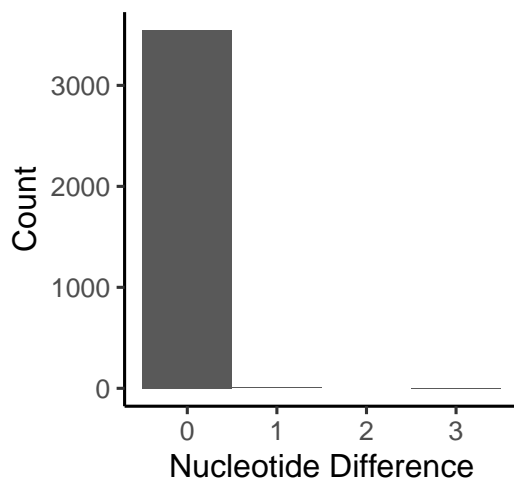
### TRBV29-1\*ap02

737 sequences assigned  
726 (98.5%) exact matches, in which:  
715 unique CDR3  
13 unique J

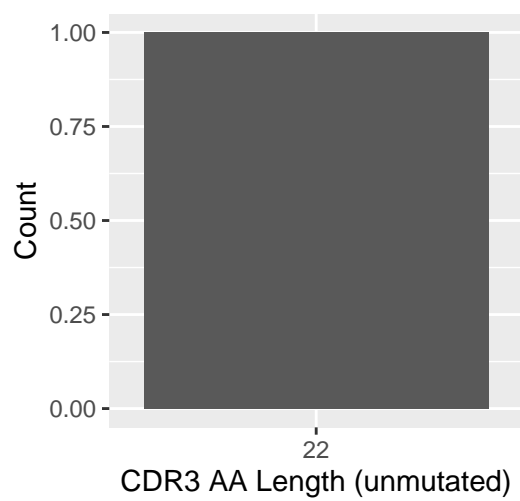


### TRBV7-9\*ap01

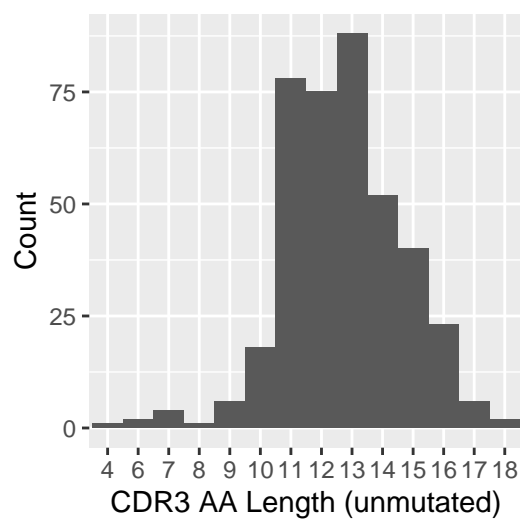
3558 sequences assigned  
3548 (99.7%) exact matches, in which:  
3532 unique CDR3  
13 unique J



TRBV7-1\*ap01\_T296C



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.