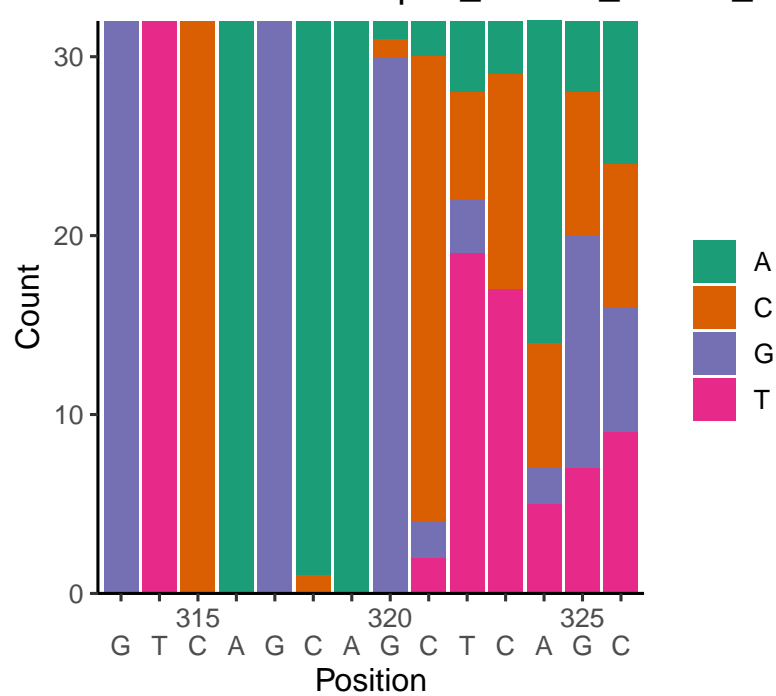
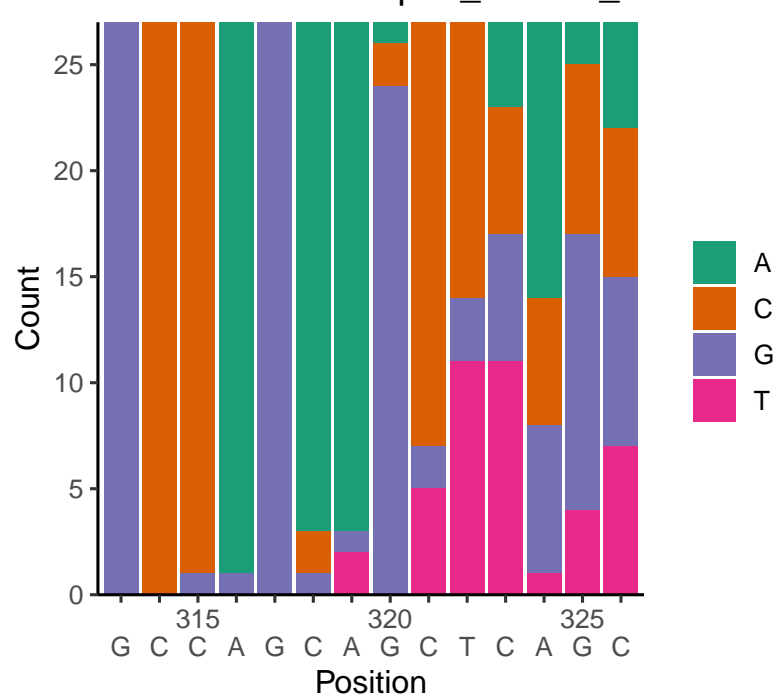


Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



Gene TRBV7-1\*ap01\_G291C\_T296C



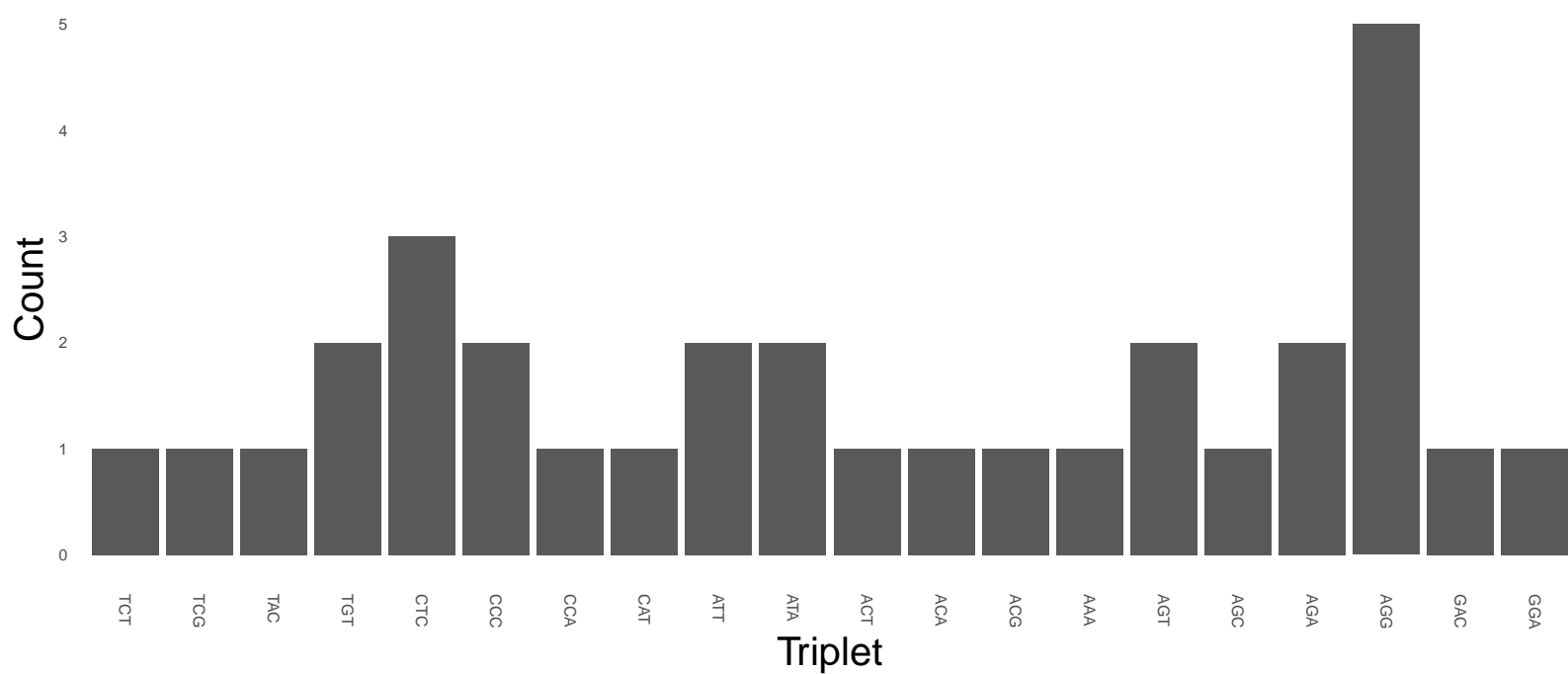
Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



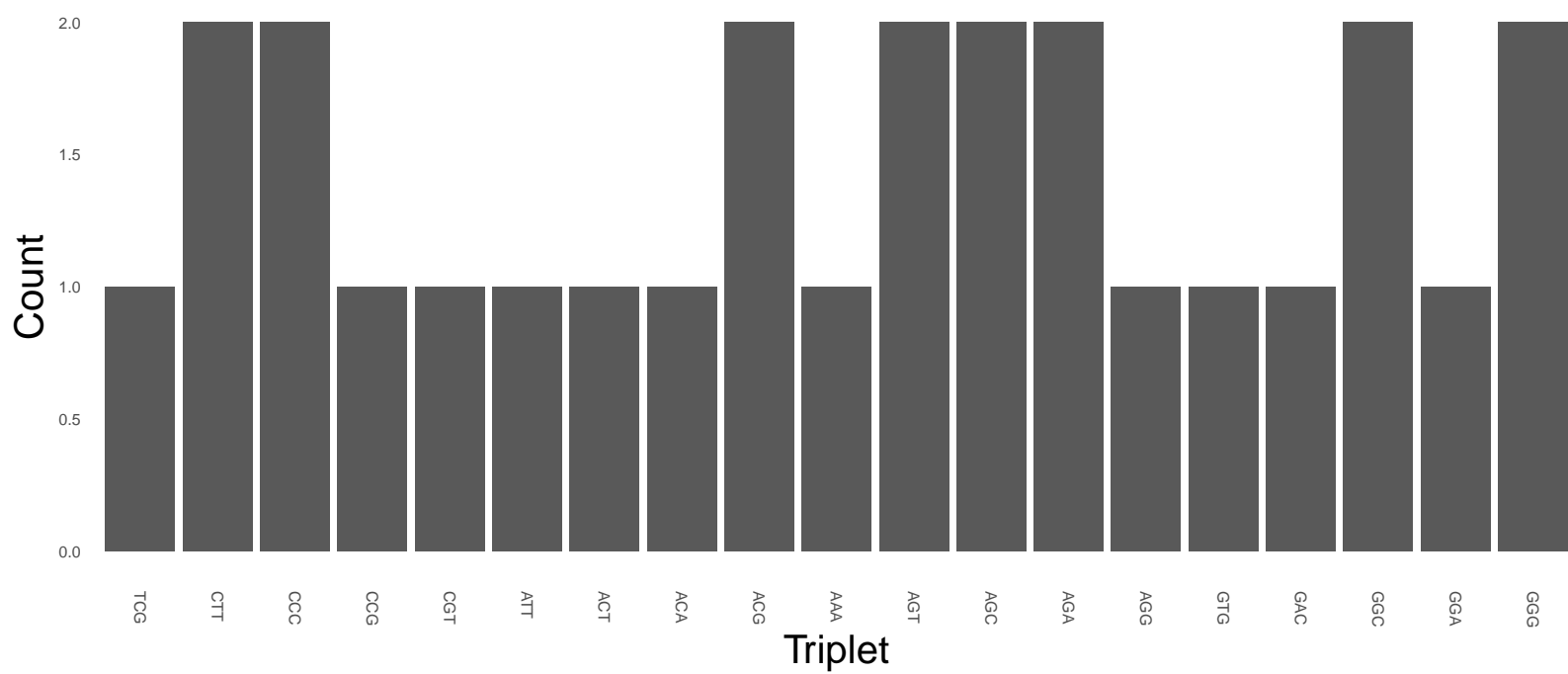
Gene TRBV7-1\*ap01\_G291C\_T296C



TRBV7-1\*ap01\_G291C\_T296C\_C314T- Final 3 nucleotides as a triplet

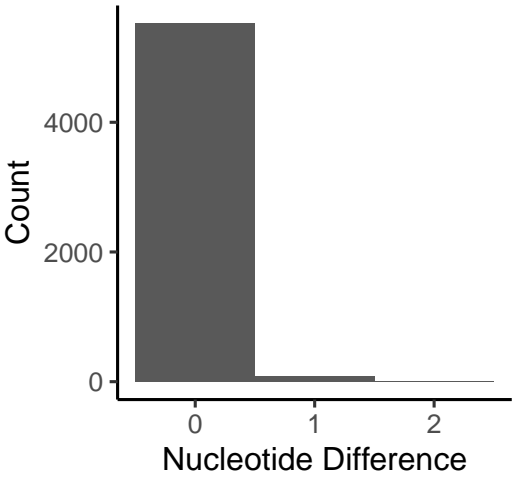


TRBV7-1\*ap01\_G291C\_T296C- Final 3 nucleotides as a triplet



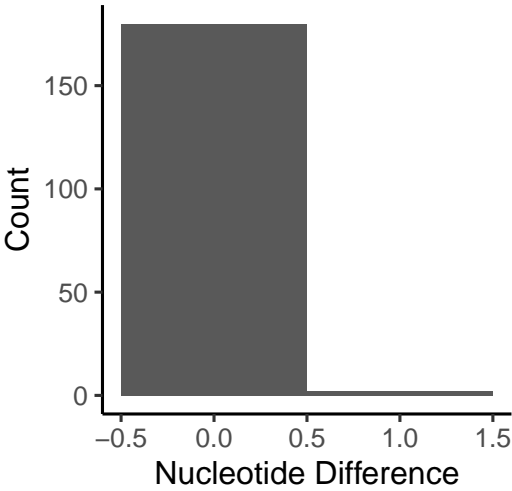
TRBV20-1\*ap01

5620 sequences assigned  
5525 (98.3%) exact matches, in which:  
5388 unique CDR3  
13 unique J



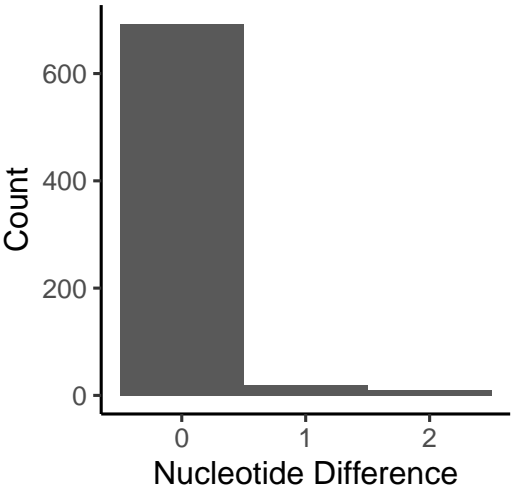
TRBV10-2\*ap01

182 sequences assigned  
180 (98.9%) exact matches, in which:  
178 unique CDR3  
13 unique J



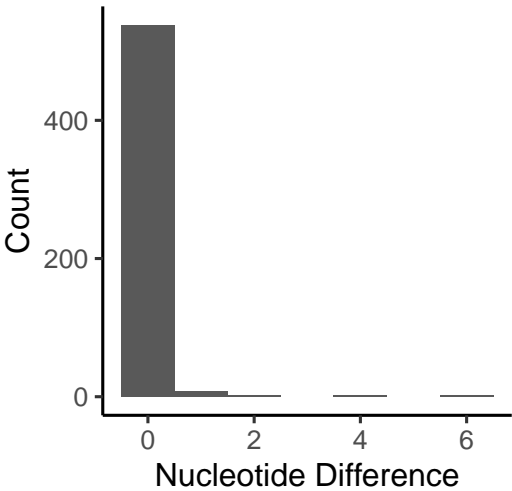
TRBV13\*ap01

722 sequences assigned  
693 (96%) exact matches, in which:  
685 unique CDR3  
13 unique J



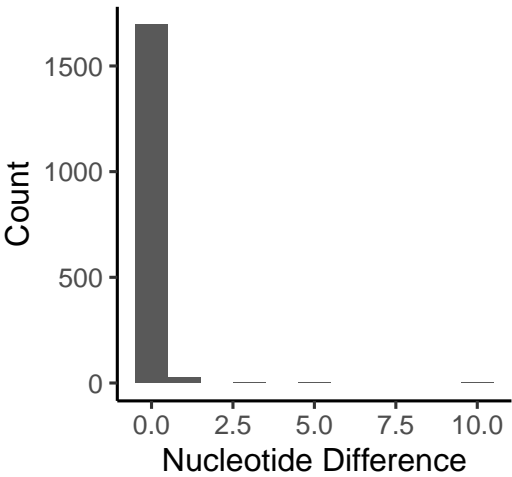
TRBV10-1\*ap01

552 sequences assigned  
538 (97.5%) exact matches, in which:  
535 unique CDR3  
13 unique J



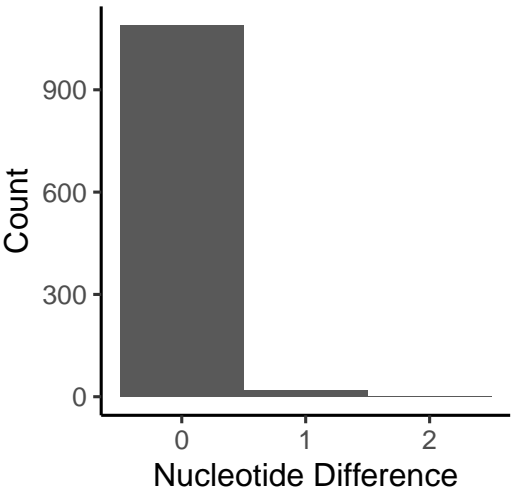
TRBV10-3\*ap01

1726 sequences assigned  
1695 (98.2%) exact matches, in which:  
1679 unique CDR3  
13 unique J



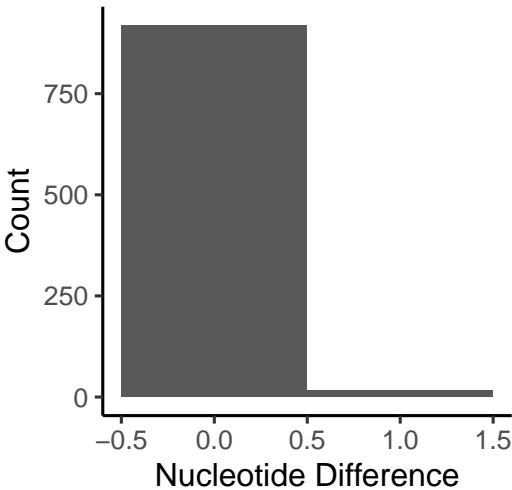
TRBV14\*ap01

1110 sequences assigned  
1090 (98.2%) exact matches, in which:  
1081 unique CDR3  
13 unique J



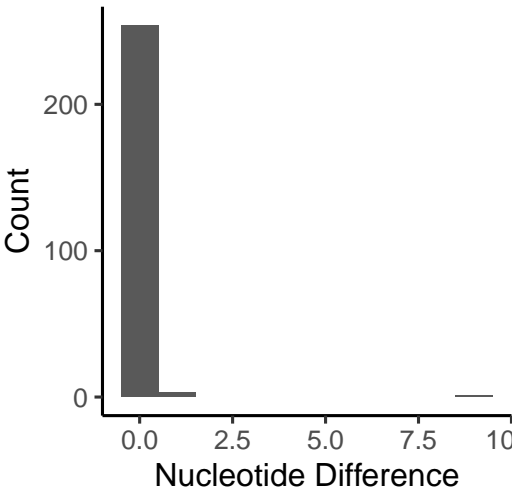
TRBV20-1\*ap02

936 sequences assigned  
919 (98.2%) exact matches, in which:  
893 unique CDR3  
13 unique J



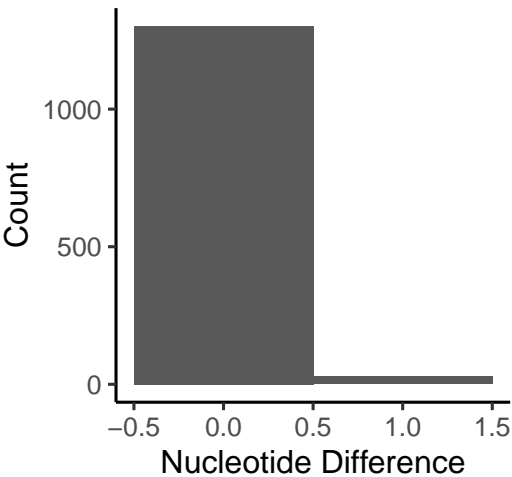
TRBV1\*ap01

258 sequences assigned  
254 (98.4%) exact matches, in which:  
251 unique CDR3  
13 unique J



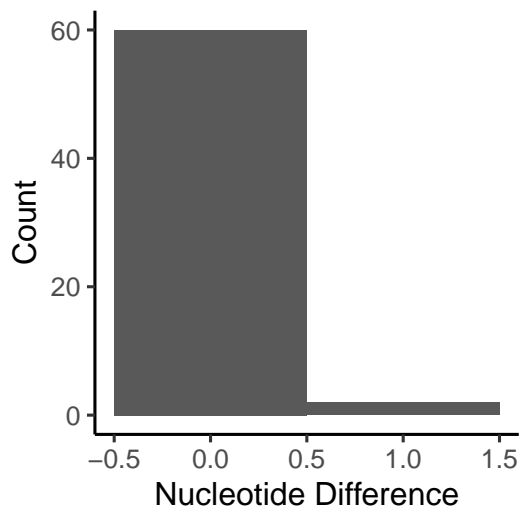
TRBV15\*ap02

1331 sequences assigned  
1302 (97.8%) exact matches, in which:  
1280 unique CDR3  
13 unique J



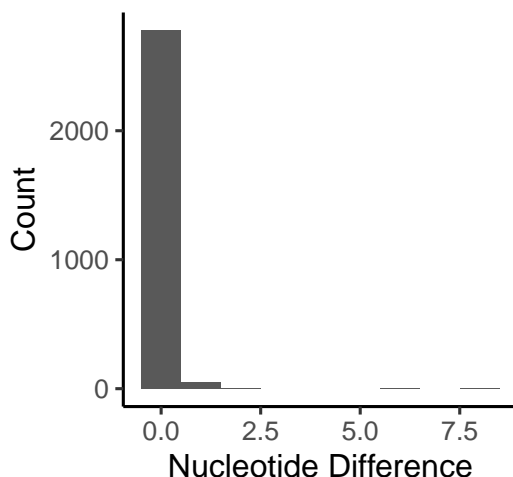
### TRBV16\*ap01

62 sequences assigned  
60 (96.8%) exact matches, in which:  
59 unique CDR3  
12 unique J



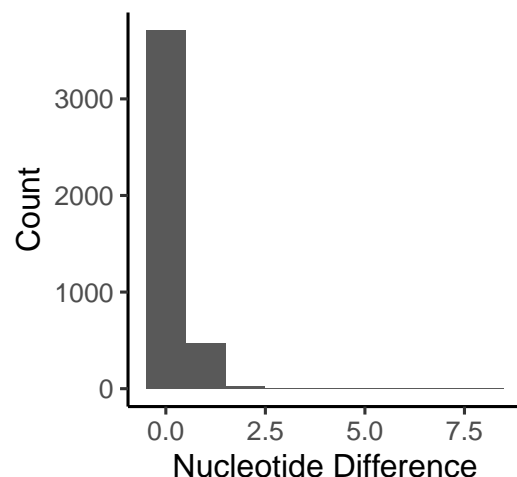
### TRBV2\*ap01

2831 sequences assigned  
2778 (98.1%) exact matches, in which:  
2742 unique CDR3  
13 unique J



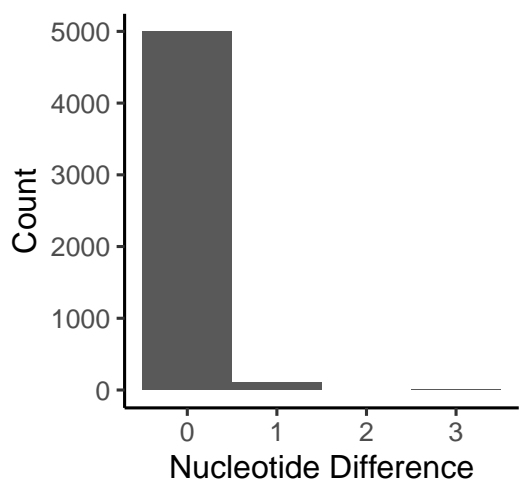
### TRBV30\*ap01

4206 sequences assigned  
3709 (88.2%) exact matches, in which:  
3531 unique CDR3  
13 unique J



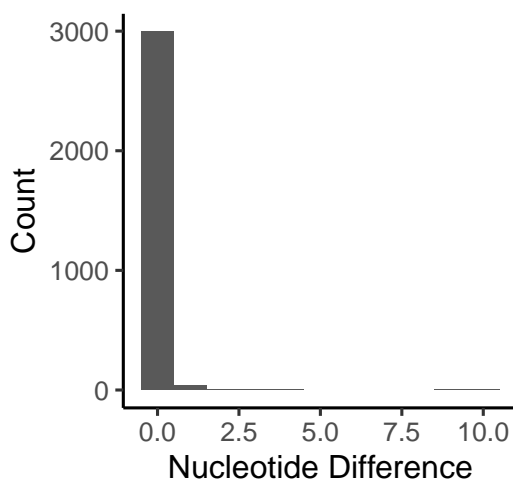
### TRBV18\*ap01

5102 sequences assigned  
4995 (97.9%) exact matches, in which:  
4885 unique CDR3  
13 unique J



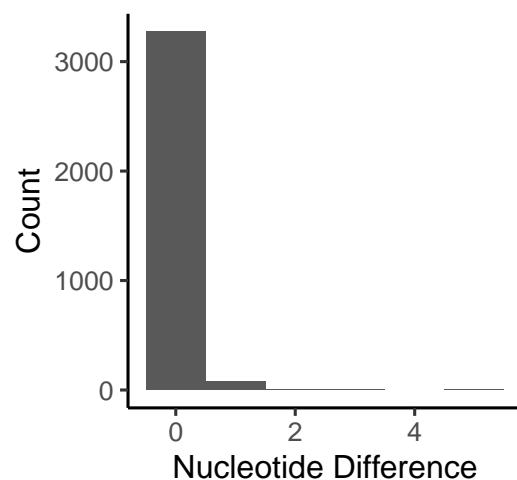
### TRBV27\*ap01

3038 sequences assigned  
2995 (98.6%) exact matches, in which:  
2953 unique CDR3  
13 unique J



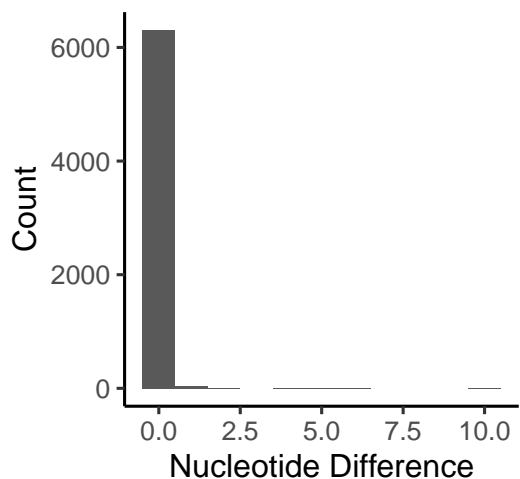
### TRBV9\*ap01

3357 sequences assigned  
3273 (97.5%) exact matches, in which:  
3228 unique CDR3  
13 unique J



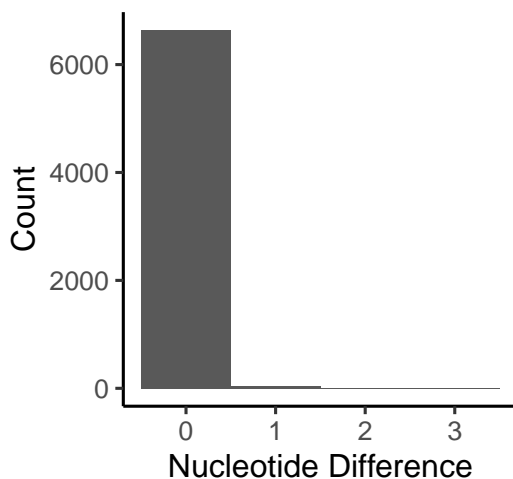
### TRBV19\*ap01

6357 sequences assigned  
6306 (99.2%) exact matches, in which:  
6225 unique CDR3  
13 unique J



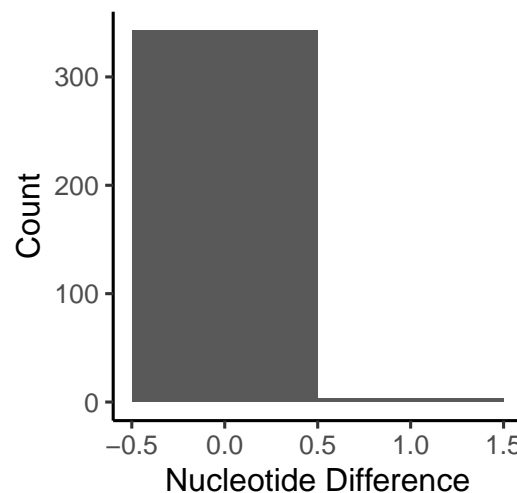
### TRBV28\*ap01

6689 sequences assigned  
6640 (99.3%) exact matches, in which:  
6566 unique CDR3  
13 unique J



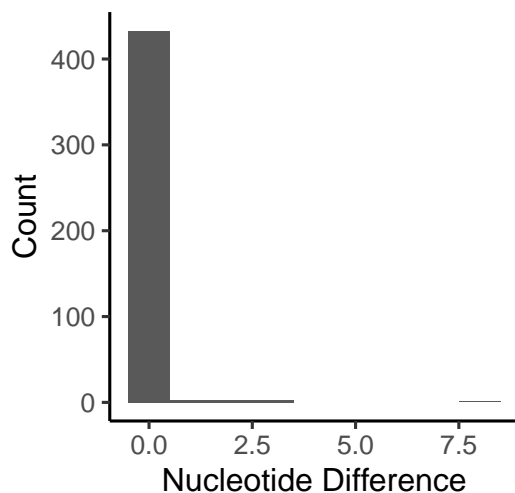
### TRBV11-1\*ap01

346 sequences assigned  
343 (99.1%) exact matches, in which:  
341 unique CDR3  
13 unique J



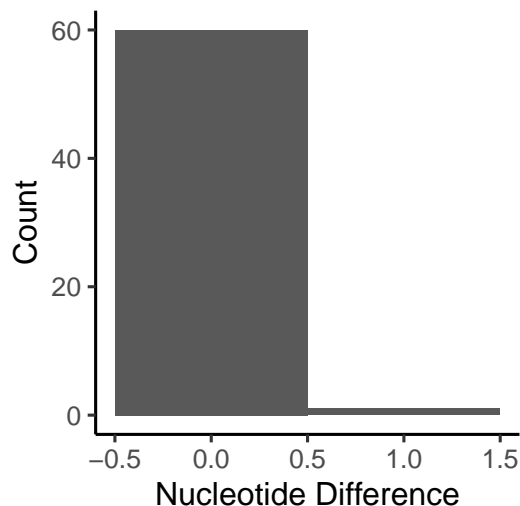
### TRBV21-1\*ap01

443 sequences assigned  
433 (97.7%) exact matches, in which:  
432 unique CDR3  
13 unique J



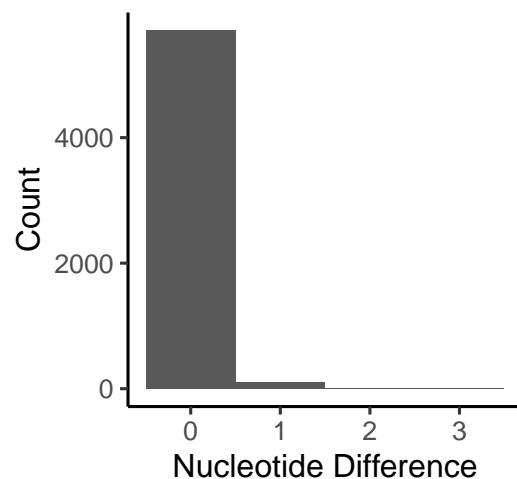
### TRBV12-1\*ap01

61 sequences assigned  
60 (98.4%) exact matches, in which:  
60 unique CDR3  
12 unique J



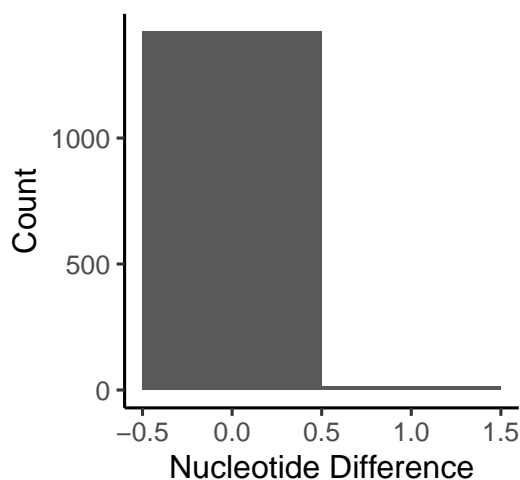
### TRBV12-34\*ap01

5816 sequences assigned  
5709 (98.2%) exact matches, in which:  
5650 unique CDR3  
13 unique J



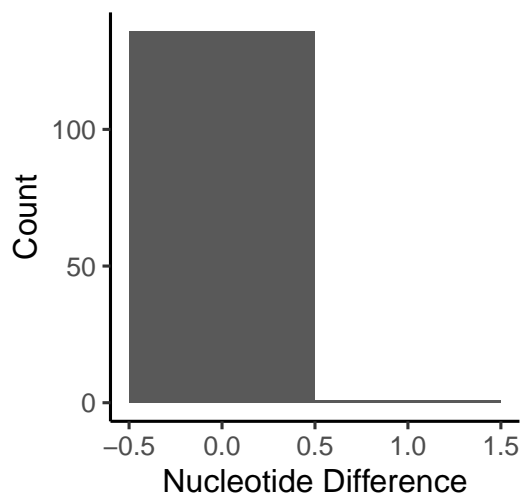
### TRBV11-2\*ap01

1437 sequences assigned  
1422 (99%) exact matches, in which:  
1405 unique CDR3  
13 unique J



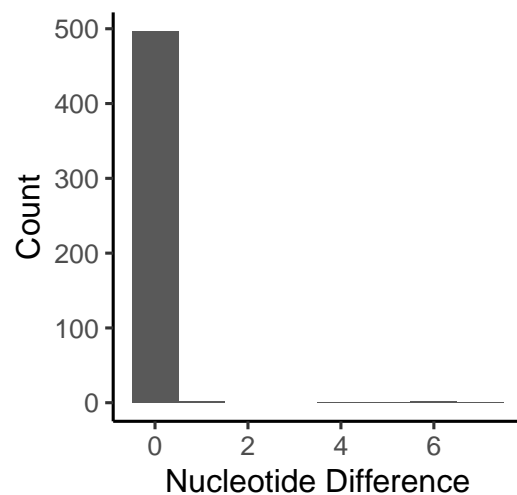
### TRBV12-2\*ap01

137 sequences assigned  
136 (99.3%) exact matches, in which:  
136 unique CDR3  
13 unique J



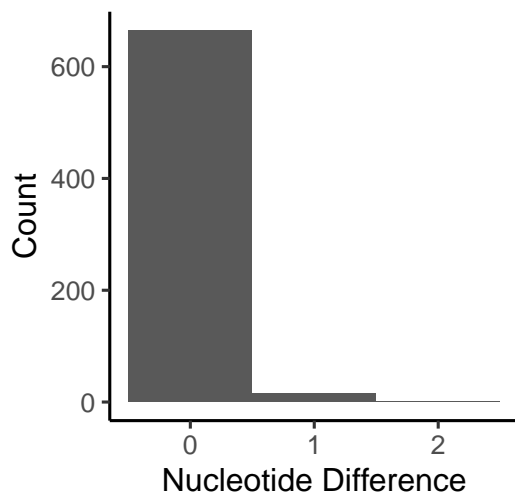
### TRBV23-1\*ap01

504 sequences assigned  
497 (98.6%) exact matches, in which:  
492 unique CDR3  
13 unique J



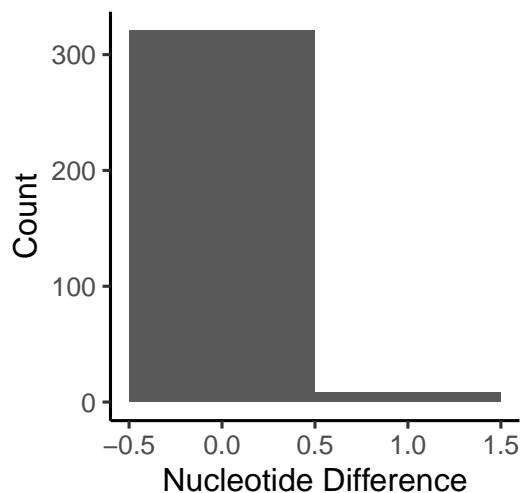
### TRBV11-3\*ap01

682 sequences assigned  
665 (97.5%) exact matches, in which:  
659 unique CDR3  
13 unique J



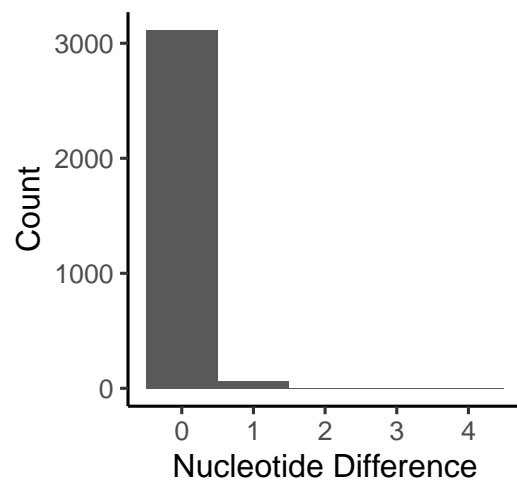
### TRBV12-5\*ap01

329 sequences assigned  
321 (97.6%) exact matches, in which:  
313 unique CDR3  
12 unique J



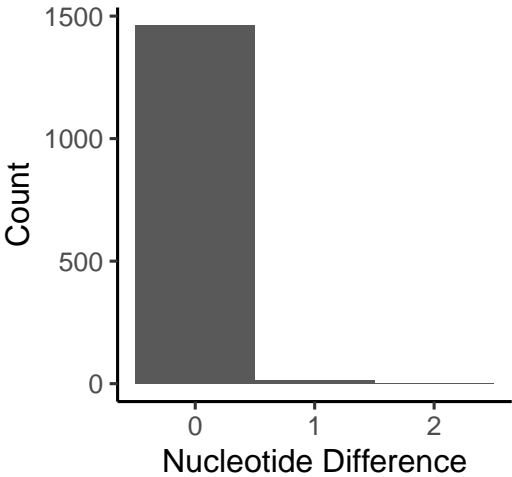
### TRBV3-12\*ap01

3184 sequences assigned  
3115 (97.8%) exact matches, in which:  
3094 unique CDR3  
13 unique J



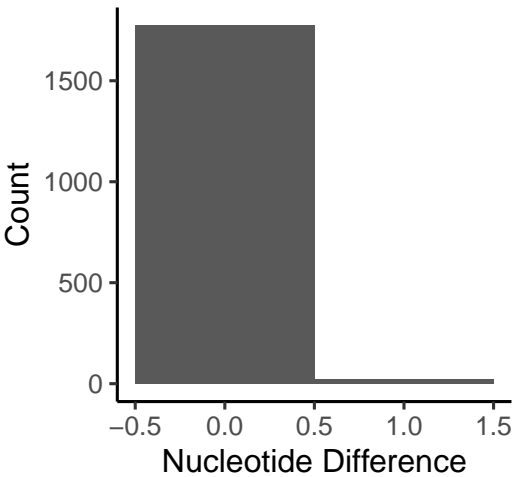
TRBV4-1\*ap01

1476 sequences assigned  
1462 (99.1%) exact matches, in which:  
1436 unique CDR3  
13 unique J



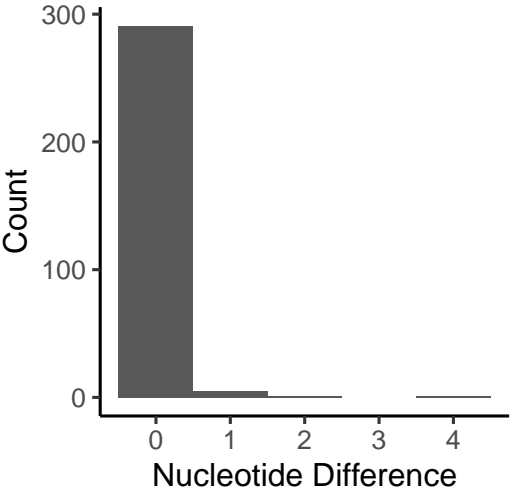
TRBV4-3\*ap01

1798 sequences assigned  
1774 (98.7%) exact matches, in which:  
1733 unique CDR3  
13 unique J



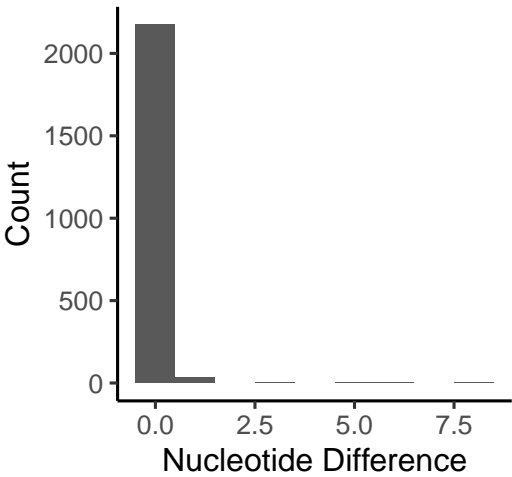
TRBV5-3\*ap01

298 sequences assigned  
291 (97.7%) exact matches, in which:  
284 unique CDR3  
13 unique J



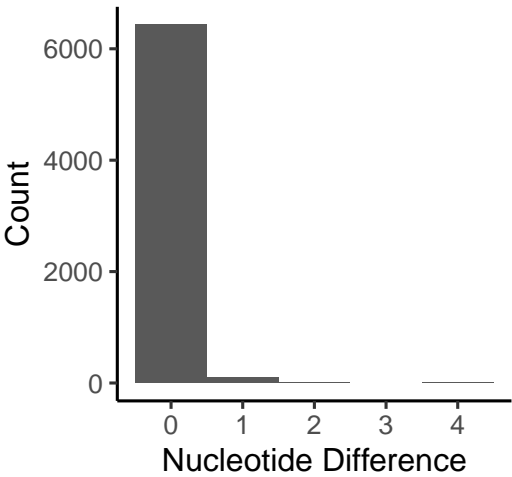
TRBV24-1\*ap01

2215 sequences assigned  
2174 (98.1%) exact matches, in which:  
2141 unique CDR3  
13 unique J



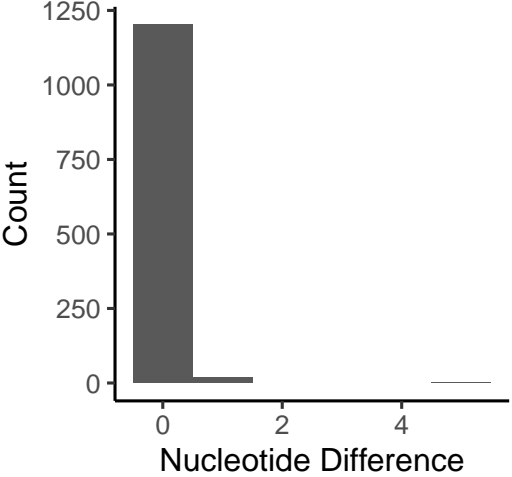
TRBV5-1\*ap01

6535 sequences assigned  
6432 (98.4%) exact matches, in which:  
6314 unique CDR3  
13 unique J



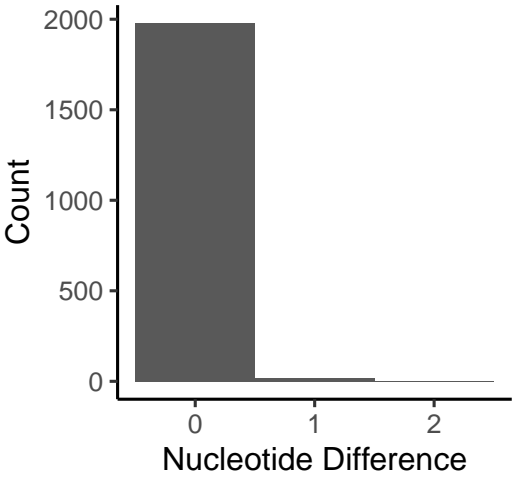
TRBV5-4\*ap01

1221 sequences assigned  
1202 (98.4%) exact matches, in which:  
1192 unique CDR3  
13 unique J



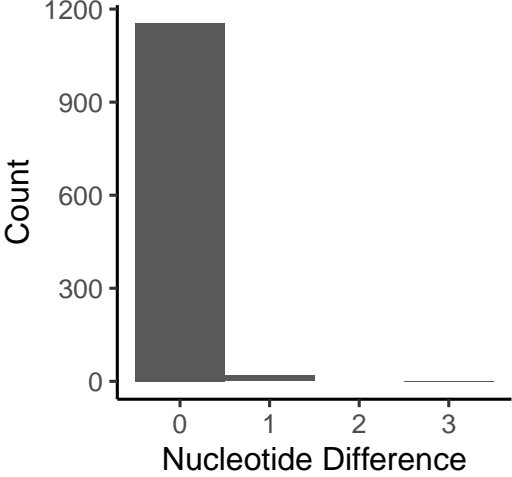
TRBV4-2\*ap01

2000 sequences assigned  
1979 (99%) exact matches, in which:  
1952 unique CDR3  
13 unique J



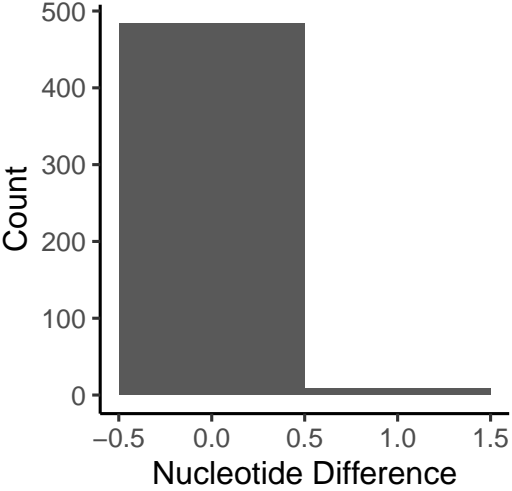
TRBV25-1\*ap01

1175 sequences assigned  
1155 (98.3%) exact matches, in which:  
1137 unique CDR3  
13 unique J



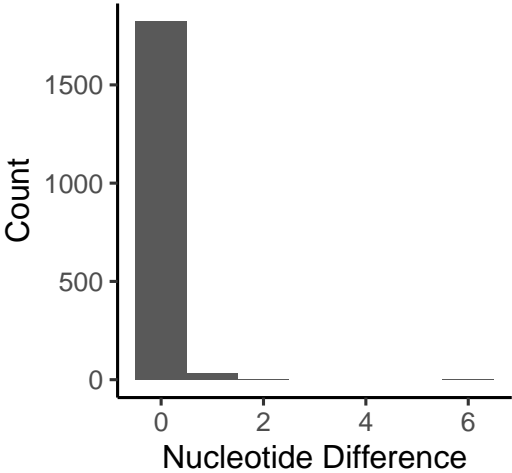
TRBV5-5\*ap01

493 sequences assigned  
484 (98.2%) exact matches, in which:  
481 unique CDR3  
13 unique J



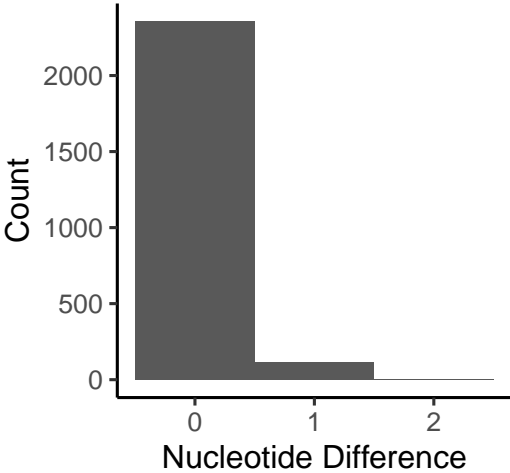
TRBV5-6\*ap01

1859 sequences assigned  
1823 (98.1%) exact matches, in which:  
1760 unique CDR3  
13 unique J



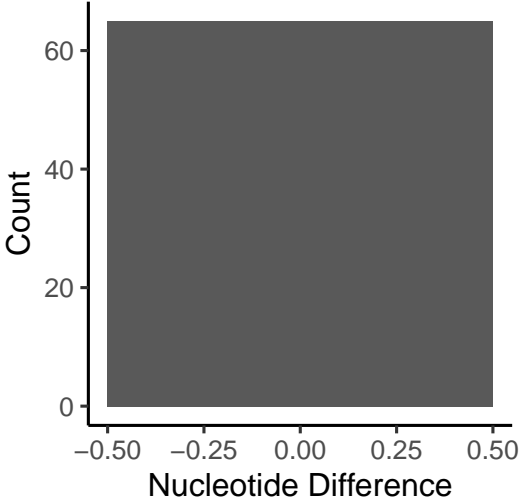
TRBV6-1\*ap01

2472 sequences assigned  
2356 (95.3%) exact matches, in which:  
2313 unique CDR3  
13 unique J



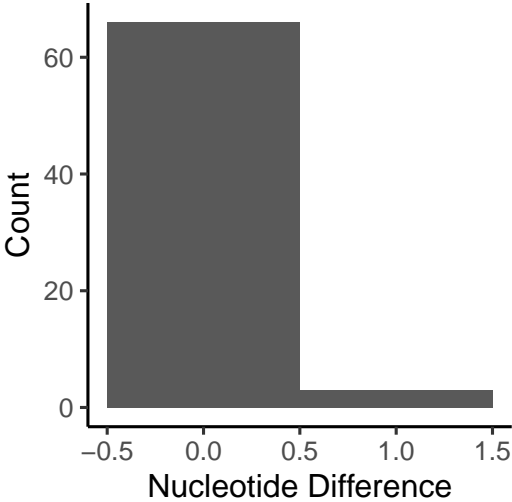
TRBV6-8\*ap01

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



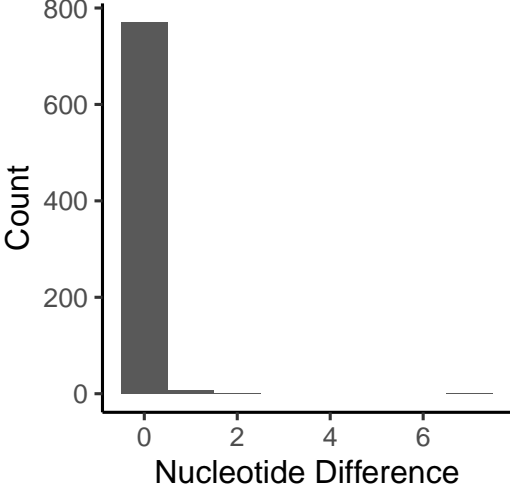
TRBV5-7\*ap01

69 sequences assigned  
66 (95.7%) exact matches, in which:  
64 unique CDR3  
12 unique J



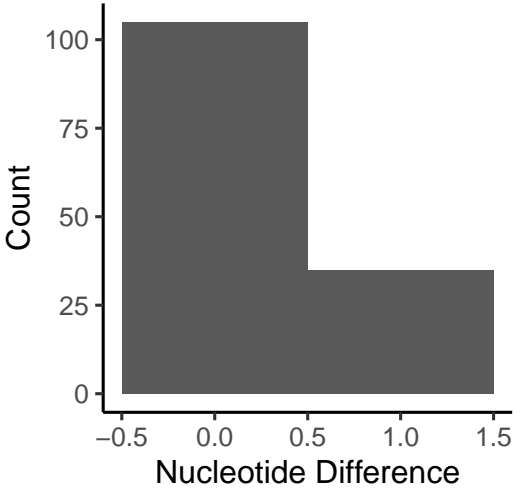
TRBV6-4\*ap01

780 sequences assigned  
771 (98.8%) exact matches, in which:  
761 unique CDR3  
13 unique J



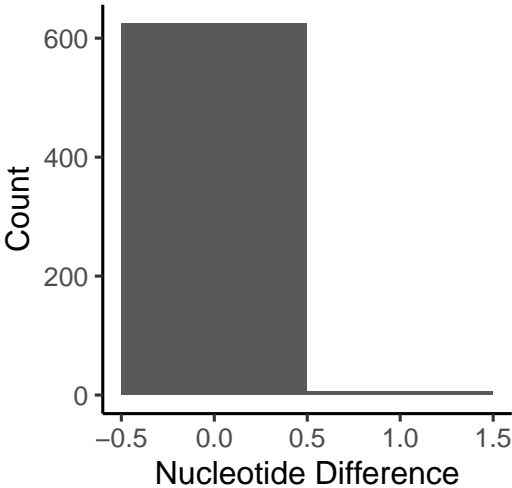
TRBV6-9\*ap01

140 sequences assigned  
105 (75%) exact matches, in which:  
104 unique CDR3  
11 unique J



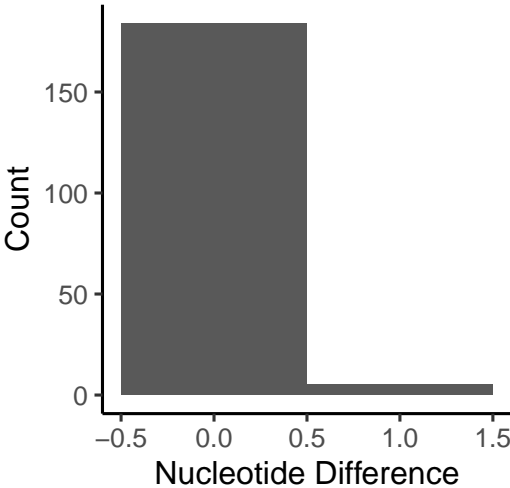
TRBV5-8\*ap01

631 sequences assigned  
625 (99%) exact matches, in which:  
622 unique CDR3  
13 unique J



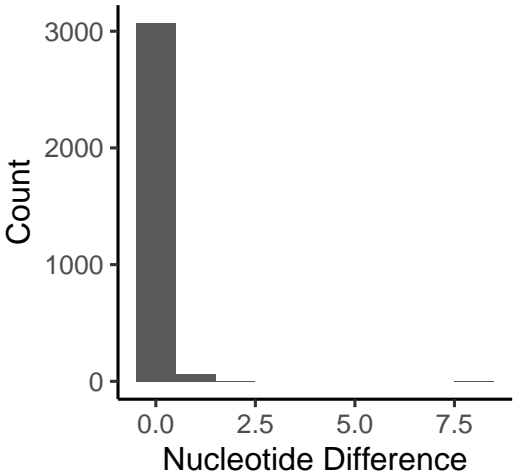
TRBV6-7\*ap01

189 sequences assigned  
184 (97.4%) exact matches, in which:  
183 unique CDR3  
13 unique J



TRBV6-23\*ap01

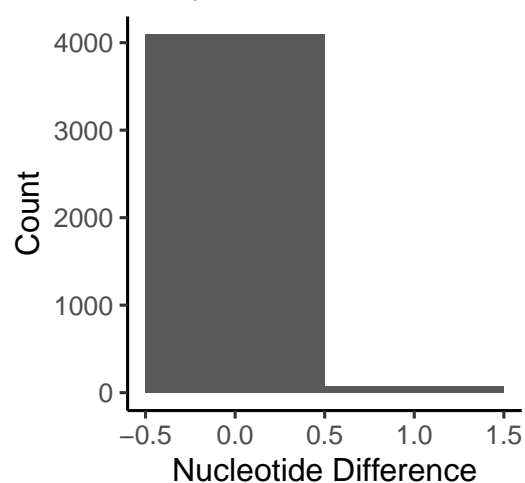
3135 sequences assigned  
3070 (97.9%) exact matches, in which:  
3006 unique CDR3  
13 unique J





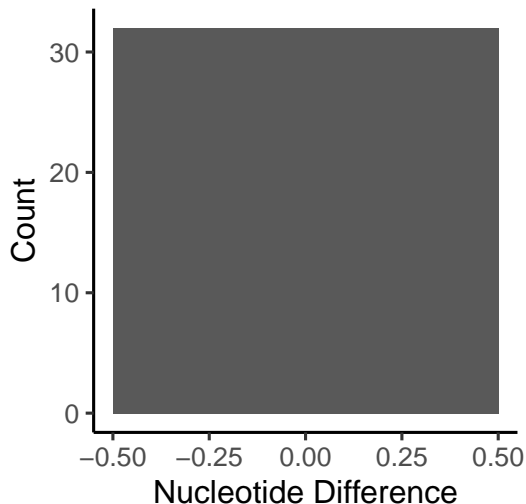
### TRBV6-56\*ap01

4167 sequences assigned  
4094 (98.2%) exact matches, in which:  
4030 unique CDR3  
13 unique J



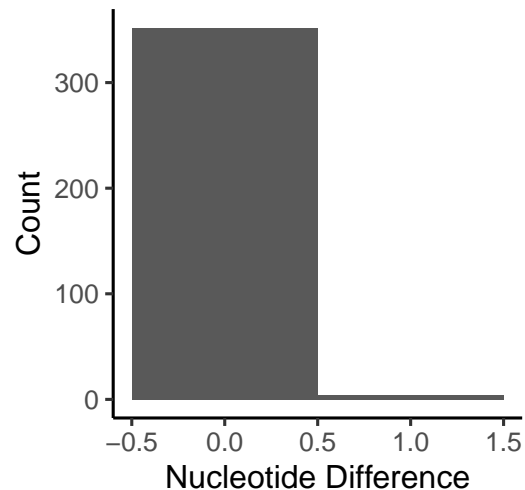
### TRBV7-1\*ap01\_G291C\_T

32 sequences assigned  
32 (100%) exact matches, in which:  
32 unique CDR3  
12 unique J



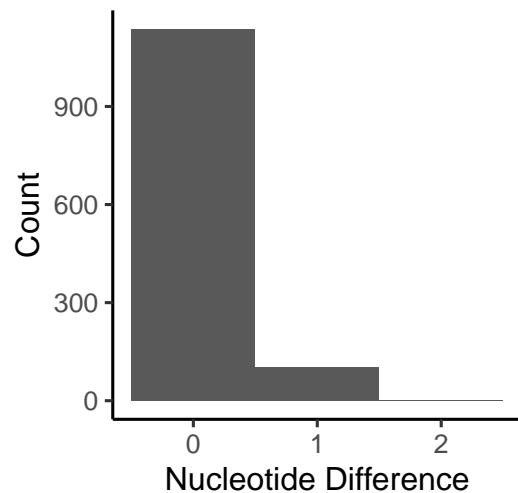
### TRBV7-3\*ap03

356 sequences assigned  
352 (98.9%) exact matches, in which:  
349 unique CDR3  
13 unique J



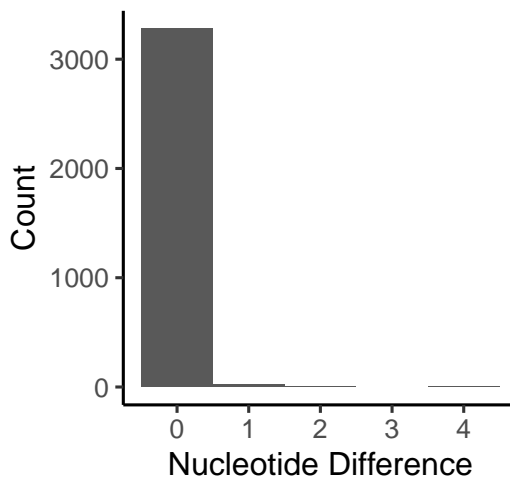
### TRBV6-56\*ap02

1242 sequences assigned  
1137 (91.5%) exact matches, in which:  
1121 unique CDR3  
13 unique J



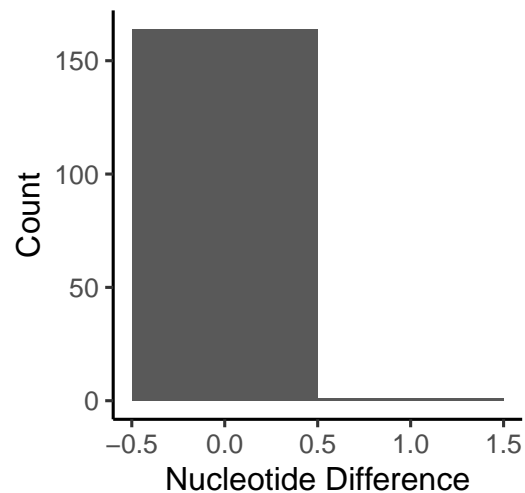
### TRBV7-2\*ap01

3304 sequences assigned  
3279 (99.2%) exact matches, in which:  
3248 unique CDR3  
13 unique J



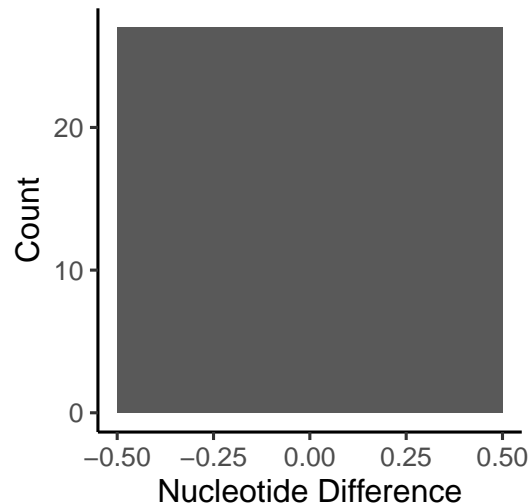
### TRBV7-4\*ap01

165 sequences assigned  
164 (99.4%) exact matches, in which:  
162 unique CDR3  
13 unique J



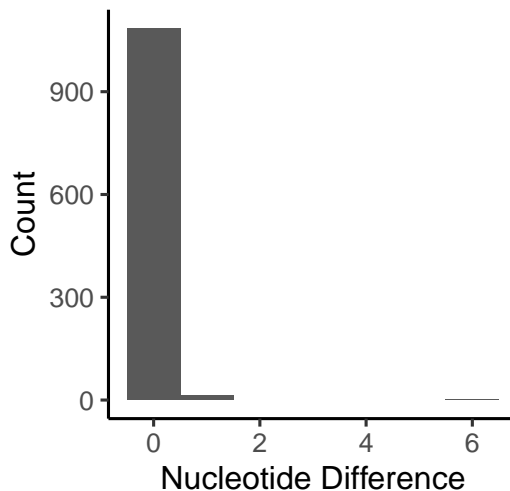
### TRBV7-1\*ap01\_G291C\_T

27 sequences assigned  
27 (100%) exact matches, in which:  
27 unique CDR3  
10 unique J



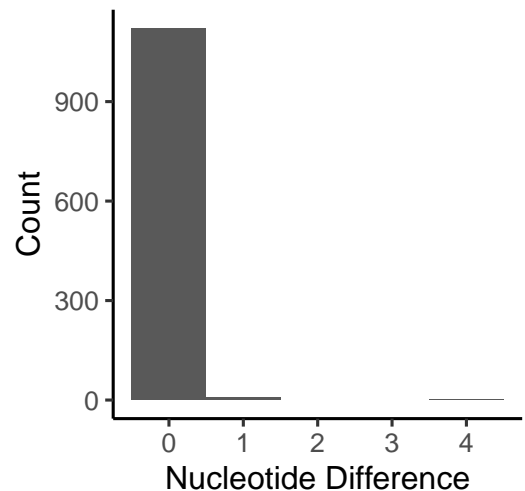
### TRBV7-3\*ap01

1100 sequences assigned  
1085 (98.6%) exact matches, in which:  
1071 unique CDR3  
13 unique J



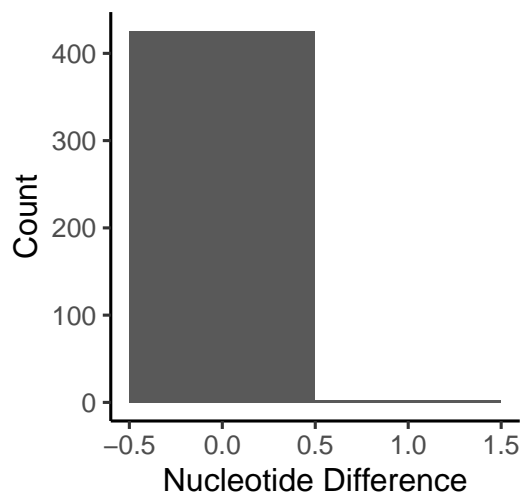
### TRBV7-6\*ap01

1130 sequences assigned  
1121 (99.2%) exact matches, in which:  
1101 unique CDR3  
13 unique J



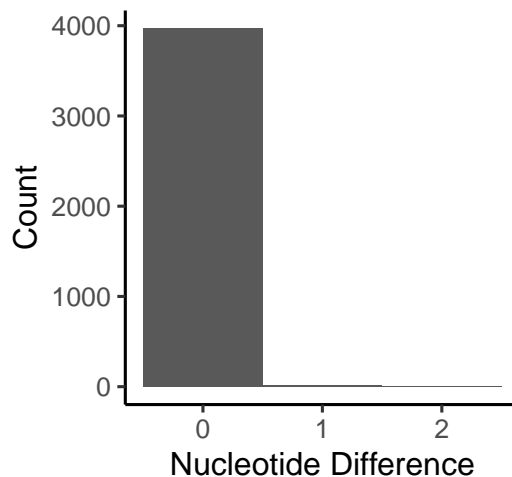
### TRBV7-7\*ap01

429 sequences assigned  
426 (99.3%) exact matches, in which:  
418 unique CDR3  
13 unique J



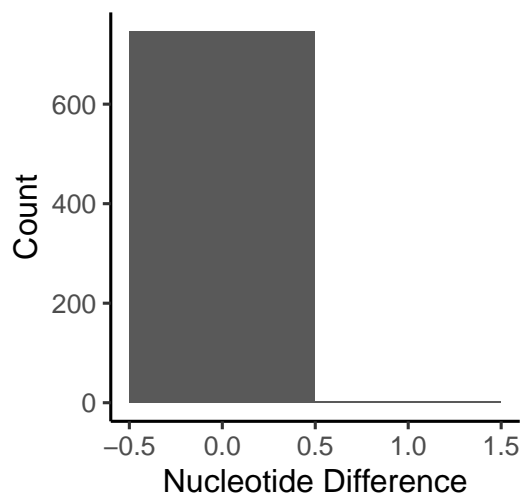
### TRBV7-9\*ap01

3992 sequences assigned  
3970 (99.4%) exact matches, in which:  
3918 unique CDR3  
13 unique J



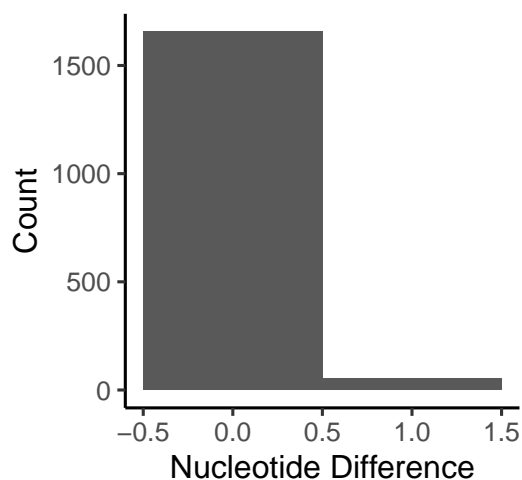
### TRBV7-8\*ap01

751 sequences assigned  
747 (99.5%) exact matches, in which:  
741 unique CDR3  
13 unique J



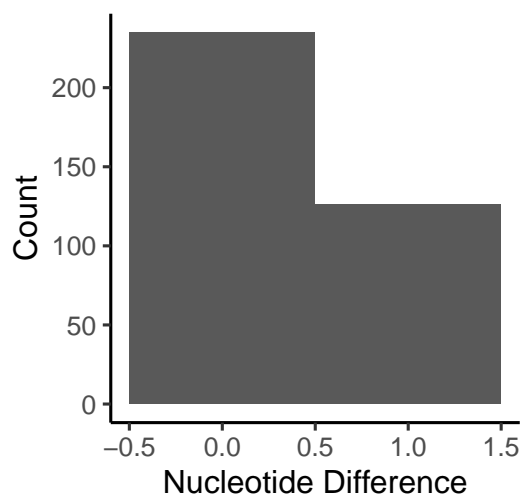
### TRBV29-1\*ap01

1707 sequences assigned  
1656 (97%) exact matches, in which:  
1589 unique CDR3  
13 unique J



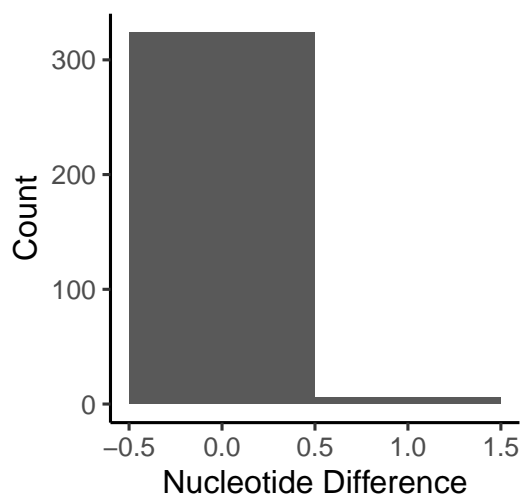
### TRBV7-8\*ap03

361 sequences assigned  
235 (65.1%) exact matches, in which:  
235 unique CDR3  
13 unique J

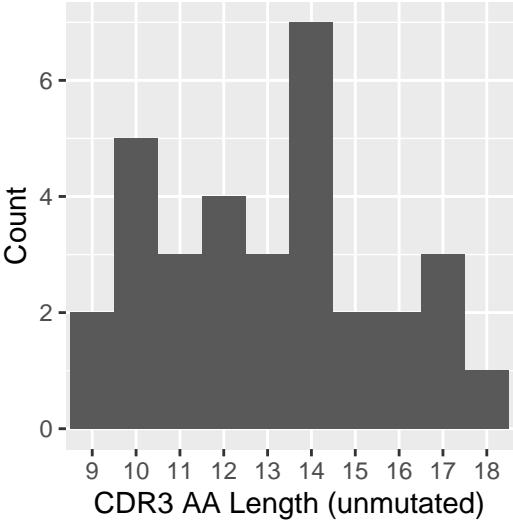


### TRBV29-1\*ap02

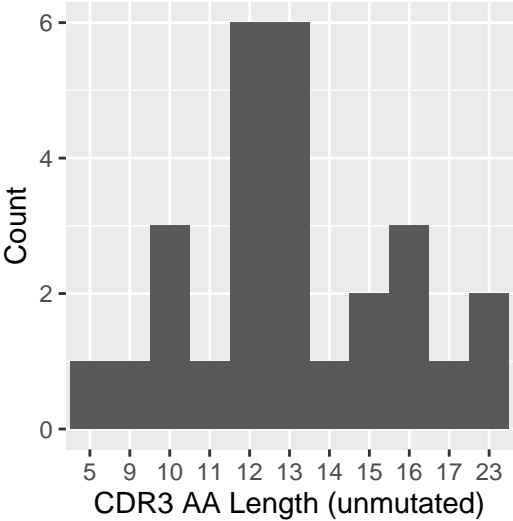
330 sequences assigned  
324 (98.2%) exact matches, in which:  
303 unique CDR3  
13 unique J



TRBV7-1\*ap01\_G291C\_T296C\_C314T



TRBV7-1\*ap01\_G291C\_T296C





Warning – no inferred sequences found.