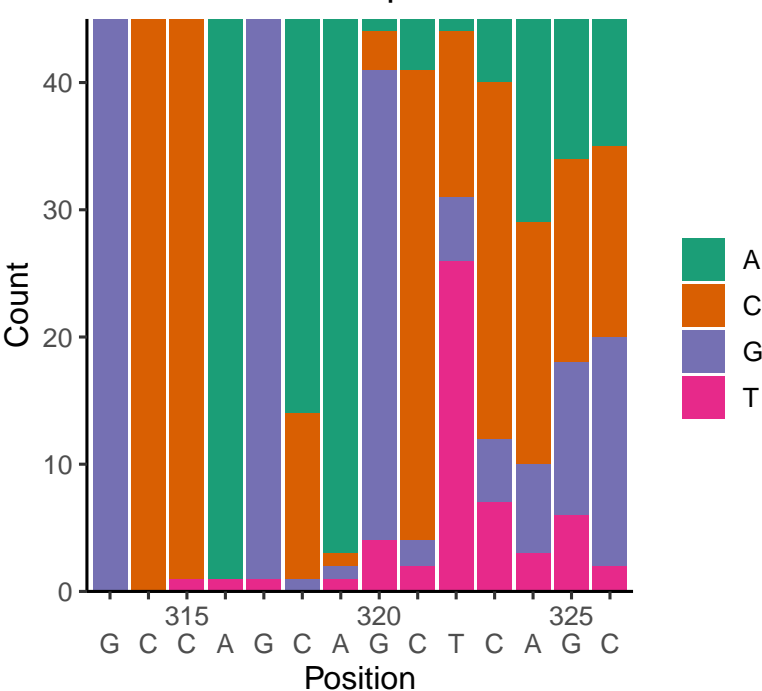
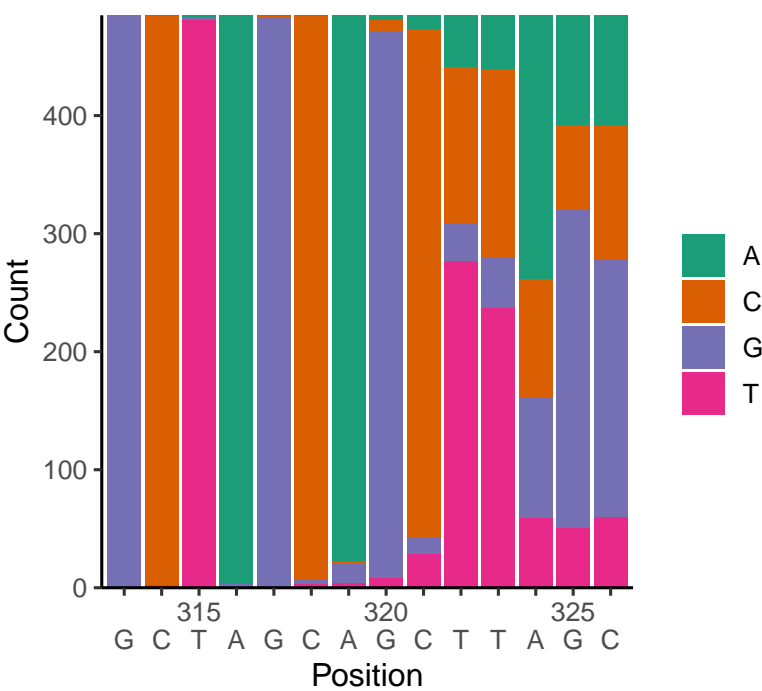


Gene TRBV7-1\*ap01\_T296C



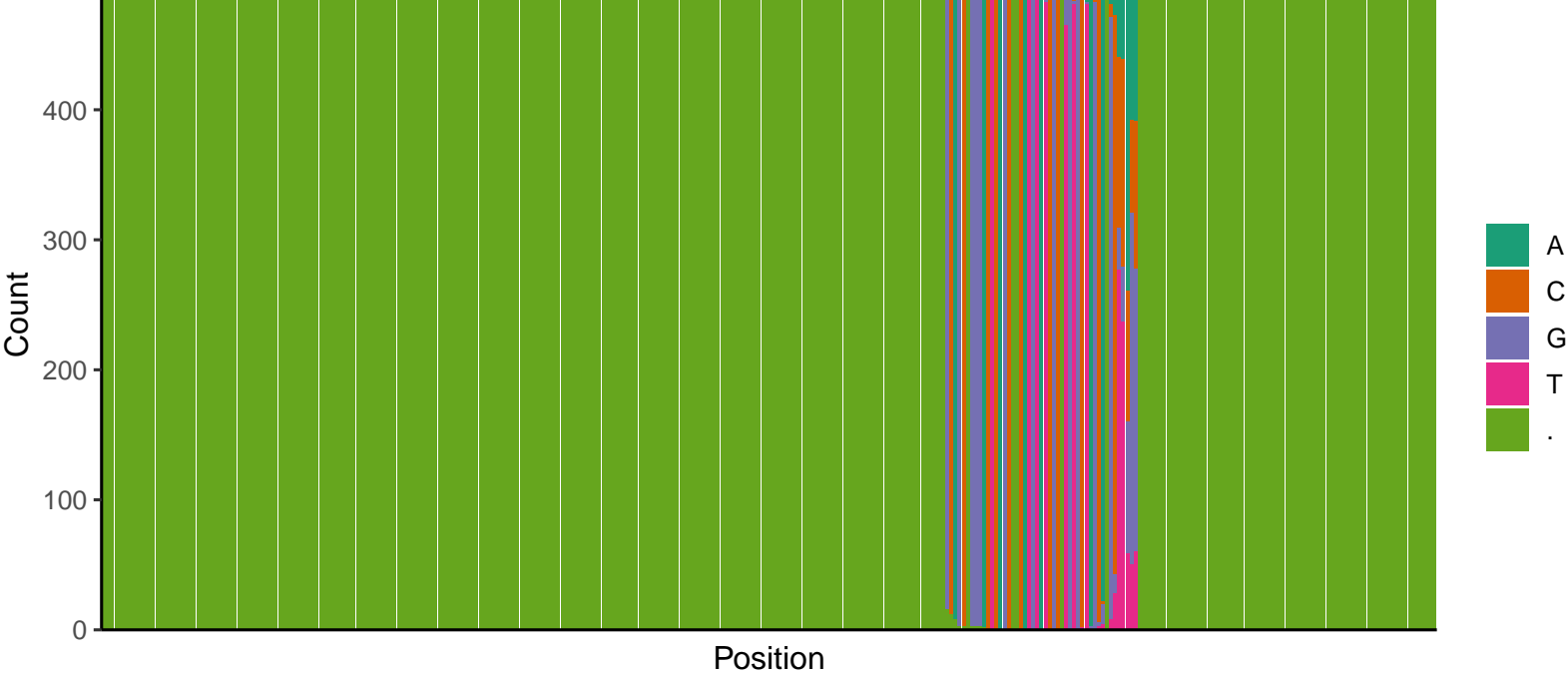
Gene TRBV7-7\*ap01\_C315T



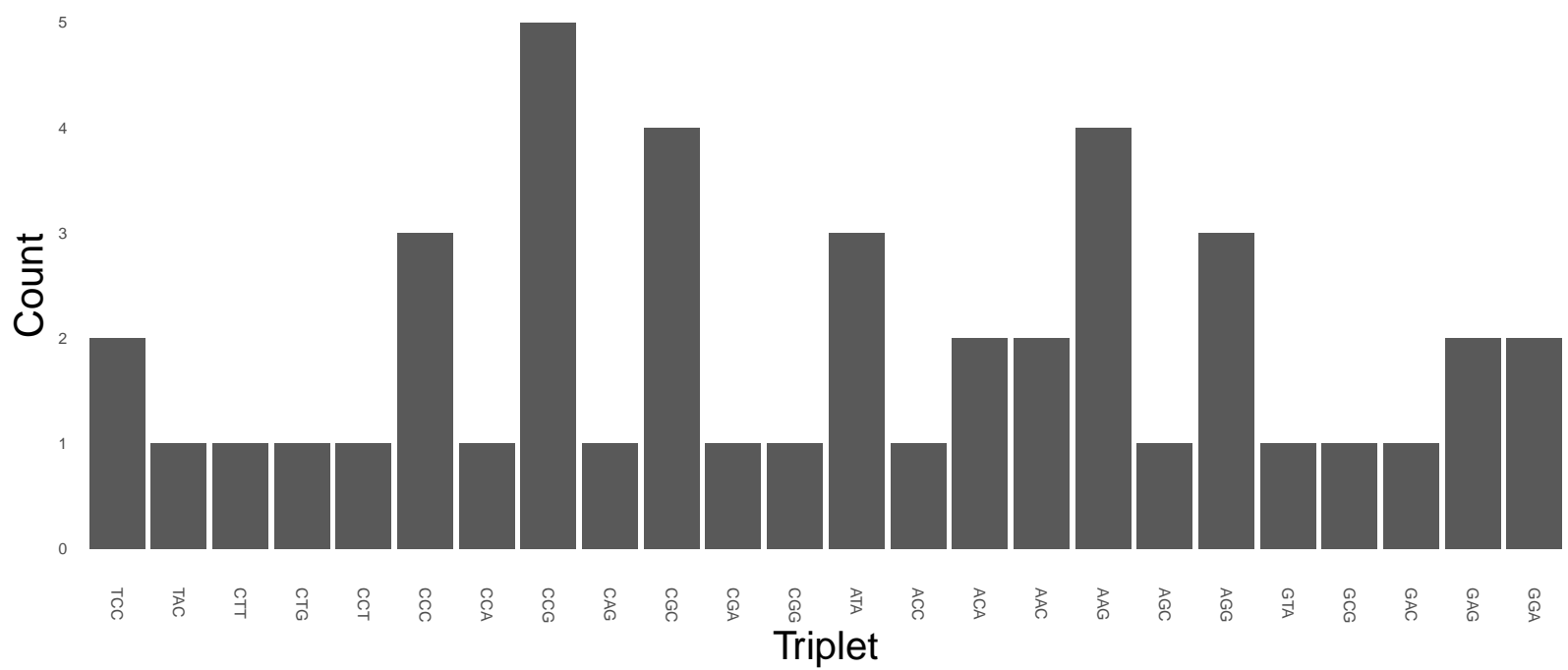
Gene TRBV7-1\*ap01\_T296C



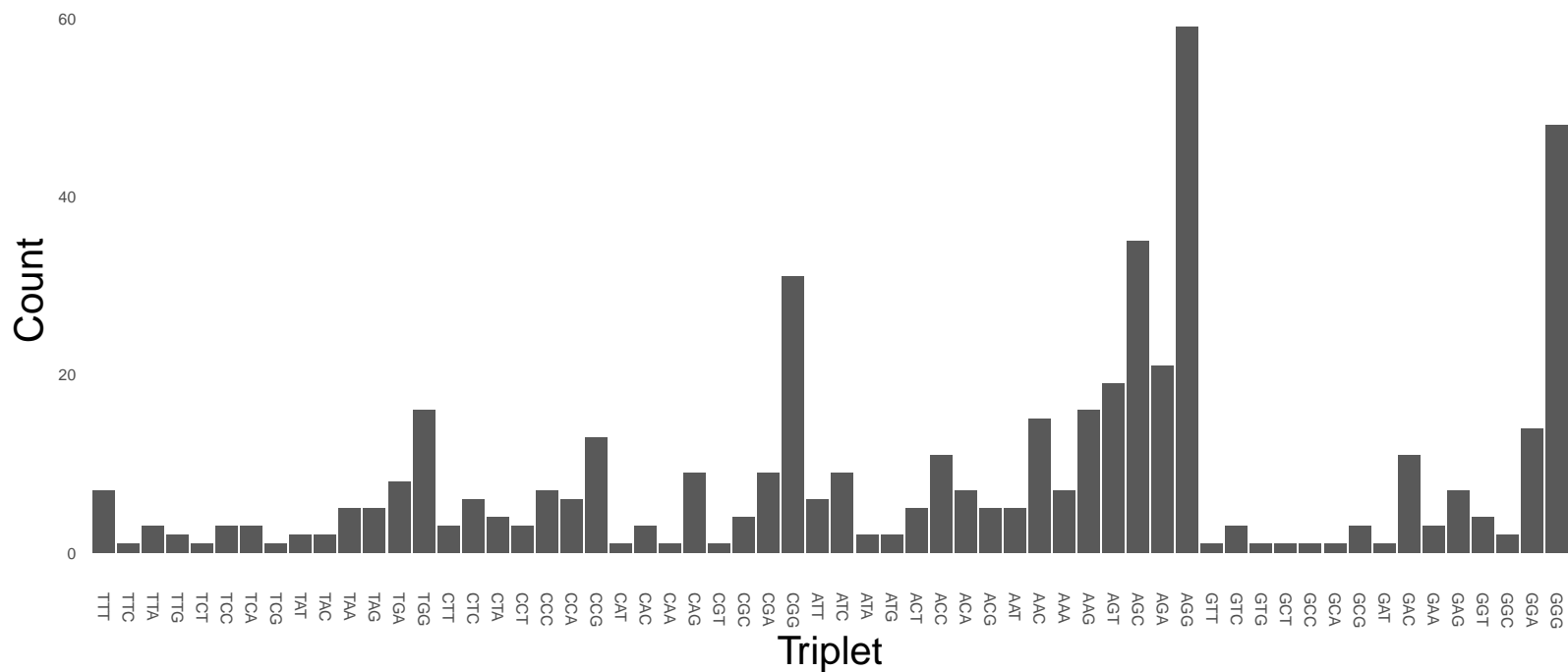
Gene TRBV7-7\*ap01\_C315T



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

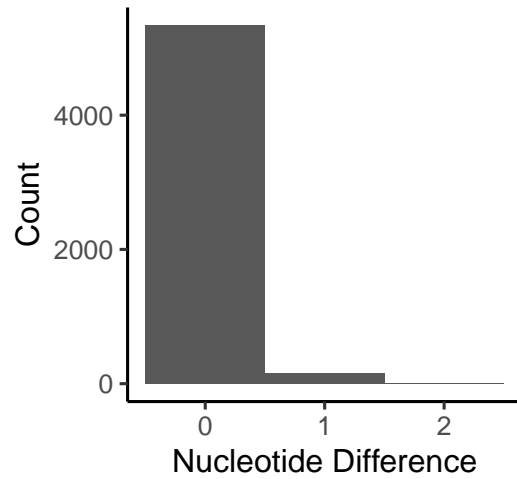


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



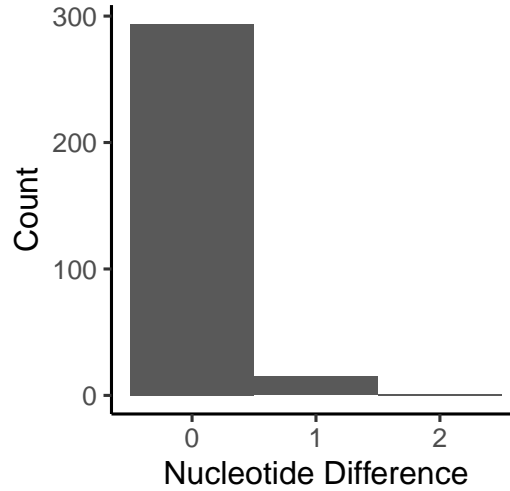
### TRBV20-1\*ap01

5498 sequences assigned  
5337 (97.1%) exact matches, in which:  
5203 unique CDR3  
13 unique J



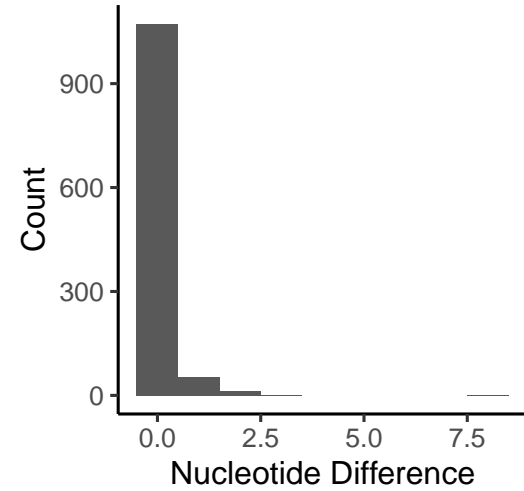
### TRBV10-2\*ap01

310 sequences assigned  
294 (94.8%) exact matches, in which:  
286 unique CDR3  
13 unique J



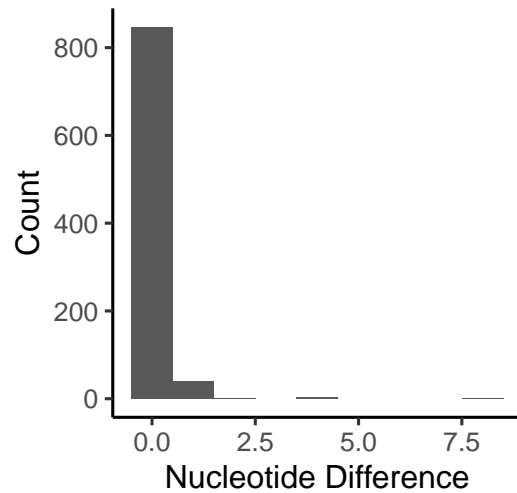
### TRBV13\*ap01

1142 sequences assigned  
1073 (94%) exact matches, in which:  
1042 unique CDR3  
13 unique J



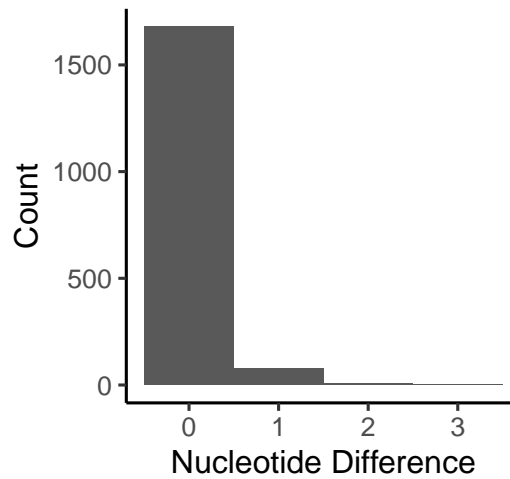
### TRBV10-1\*ap01

892 sequences assigned  
847 (95%) exact matches, in which:  
825 unique CDR3  
13 unique J



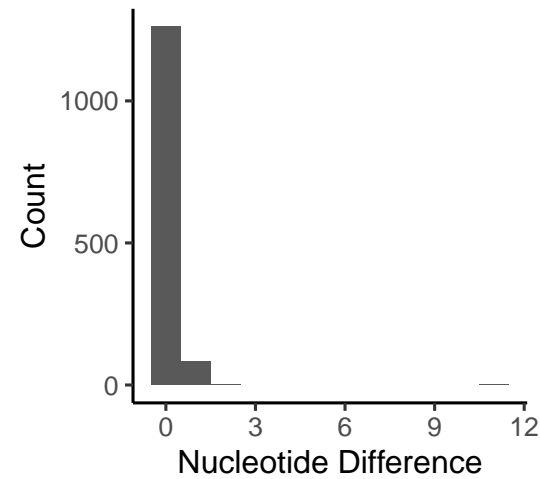
### TRBV10-3\*ap01

1764 sequences assigned  
1679 (95.2%) exact matches, in which:  
1621 unique CDR3  
13 unique J



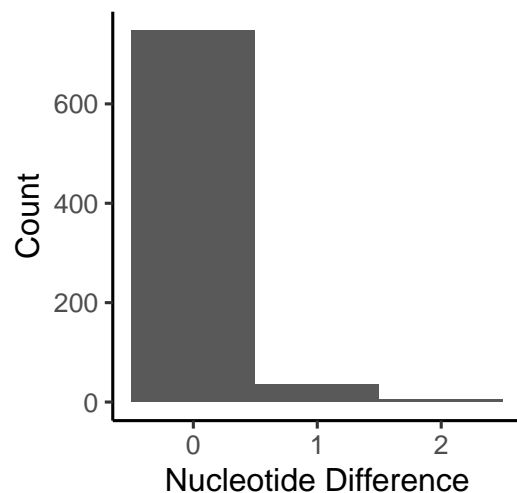
### TRBV14\*ap01

1345 sequences assigned  
1261 (93.8%) exact matches, in which:  
1216 unique CDR3  
13 unique J



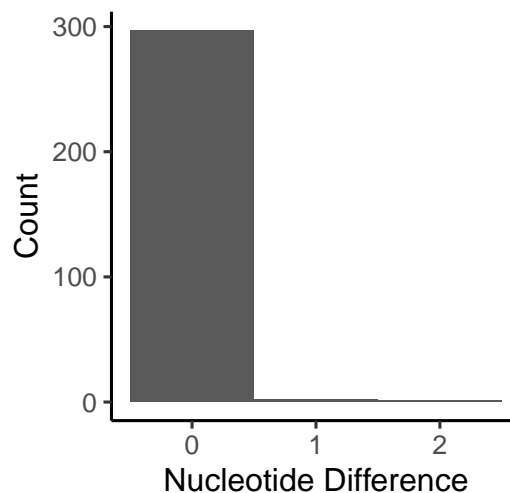
### TRBV20-1\*ap02

790 sequences assigned  
748 (94.7%) exact matches, in which:  
720 unique CDR3  
13 unique J



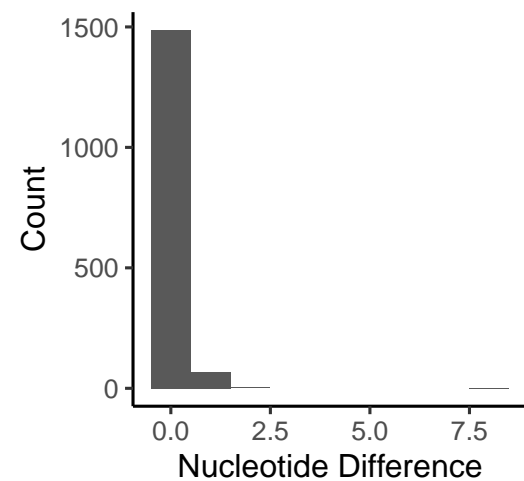
### TRBV1\*ap01

300 sequences assigned  
297 (99%) exact matches, in which:  
289 unique CDR3  
13 unique J



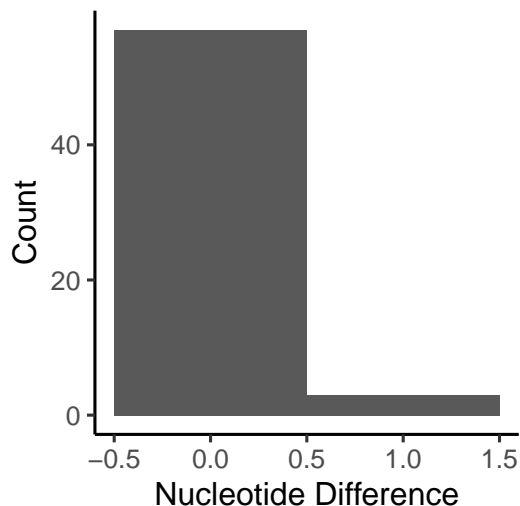
### TRBV15\*ap02

1558 sequences assigned  
1487 (95.4%) exact matches, in which:  
1439 unique CDR3  
13 unique J



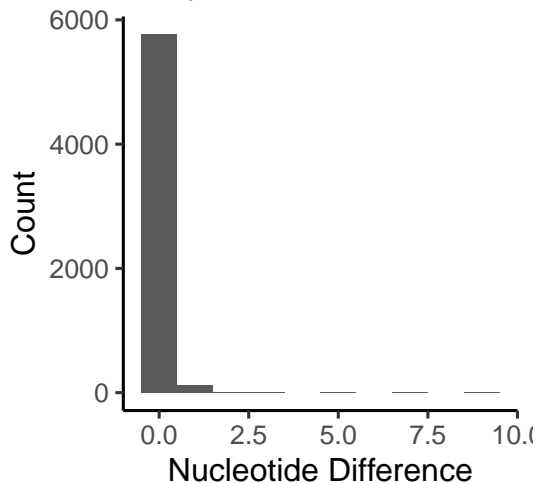
### TRBV16\*ap01

60 sequences assigned  
57 (95%) exact matches, in which:  
56 unique CDR3  
12 unique J



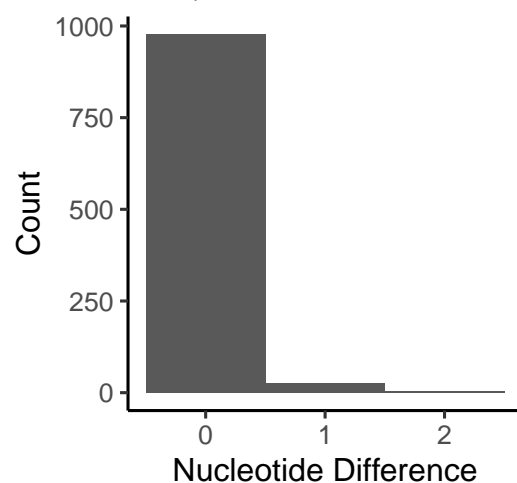
### TRBV19\*ap01

5894 sequences assigned  
5766 (97.8%) exact matches, in which:  
5612 unique CDR3  
13 unique J



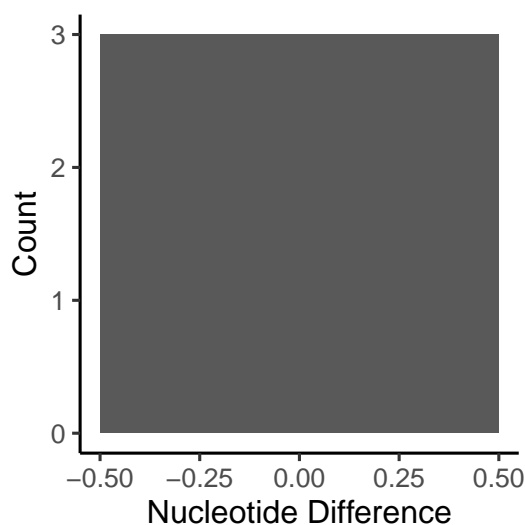
### TRBV28\*ap01

1006 sequences assigned  
977 (97.1%) exact matches, in which:  
952 unique CDR3  
13 unique J



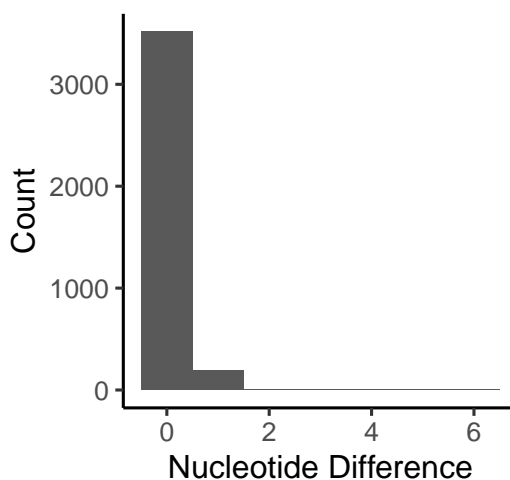
### TRBV17\*ap01

3 sequences assigned  
3 (100%) exact matches, in which:  
3 unique CDR3  
3 unique J



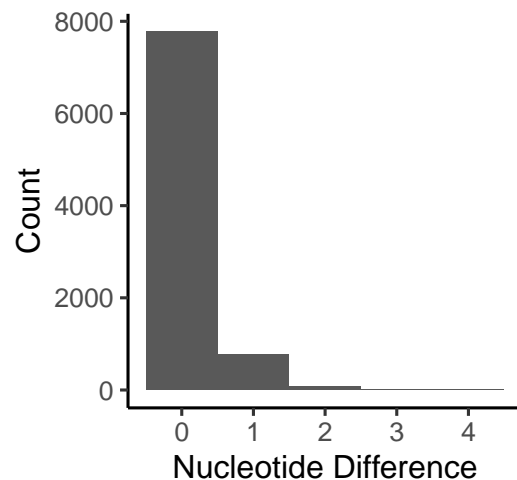
### TRBV2\*ap01

3716 sequences assigned  
3516 (94.6%) exact matches, in which:  
3399 unique CDR3  
13 unique J



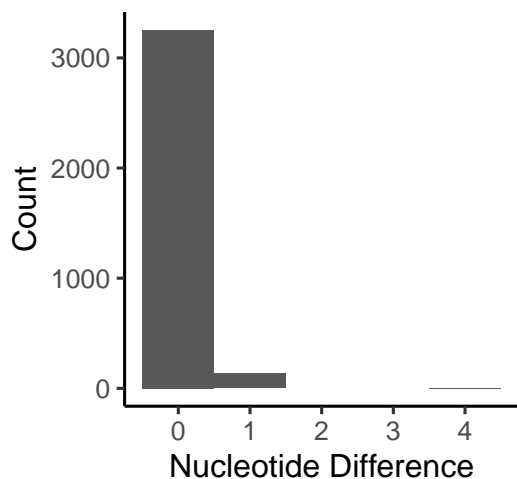
### TRBV30\*ap01

8621 sequences assigned  
7774 (90.2%) exact matches, in which:  
7422 unique CDR3  
13 unique J



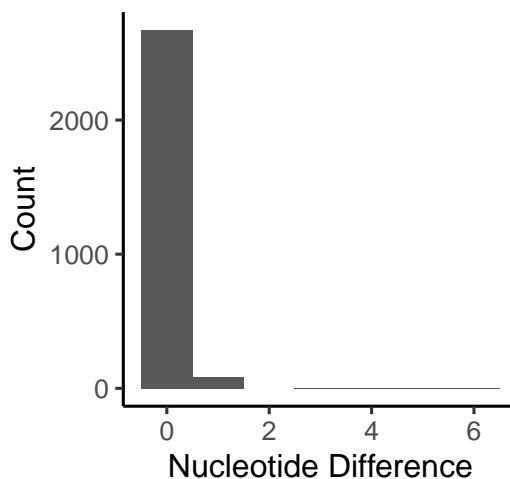
### TRBV18\*ap01

3389 sequences assigned  
3253 (96%) exact matches, in which:  
3192 unique CDR3  
13 unique J



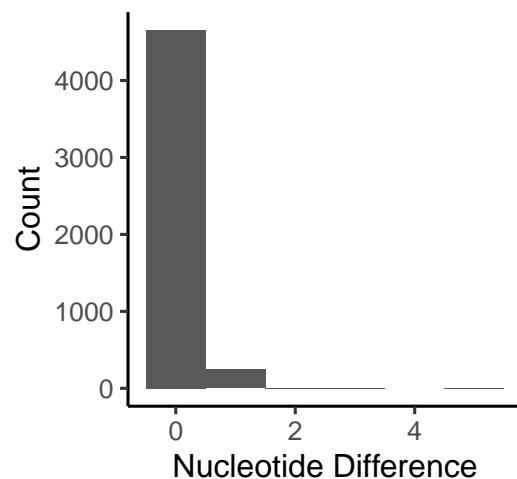
### TRBV27\*ap01

2761 sequences assigned  
2671 (96.7%) exact matches, in which:  
2596 unique CDR3  
13 unique J



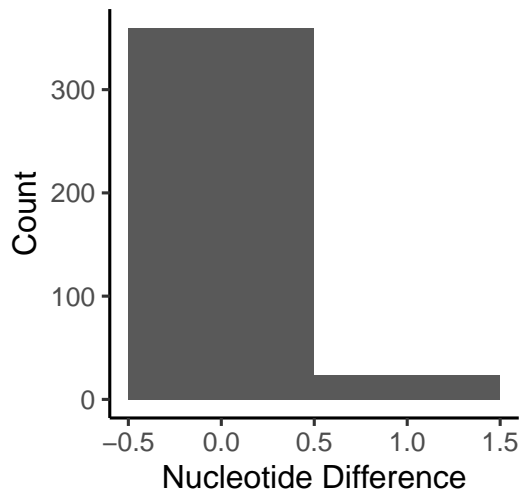
### TRBV9\*ap01

4909 sequences assigned  
4656 (94.8%) exact matches, in which:  
4558 unique CDR3  
13 unique J



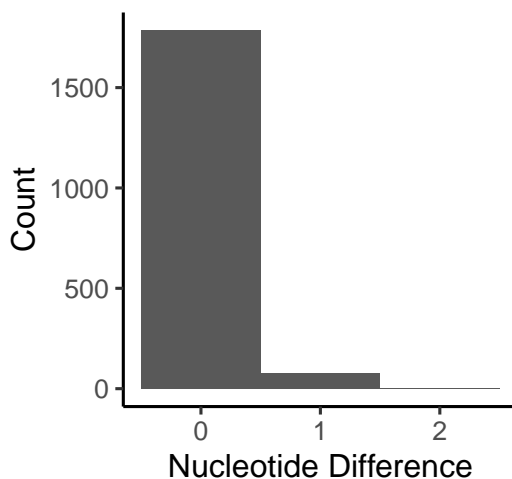
### TRBV11-1\*ap01

384 sequences assigned  
360 (93.8%) exact matches, in which:  
352 unique CDR3  
13 unique J



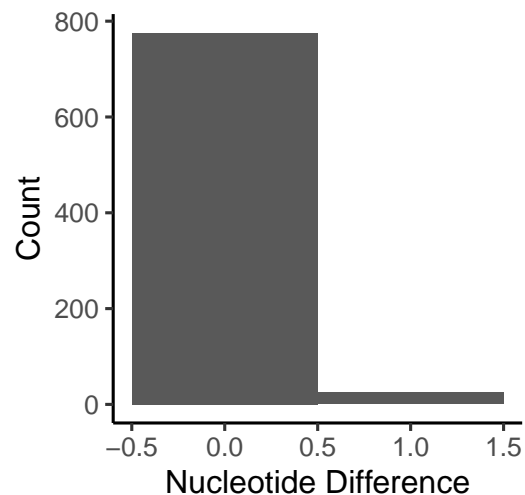
### TRBV11-3\*ap01

1864 sequences assigned  
1785 (95.8%) exact matches, in which:  
1732 unique CDR3  
13 unique J



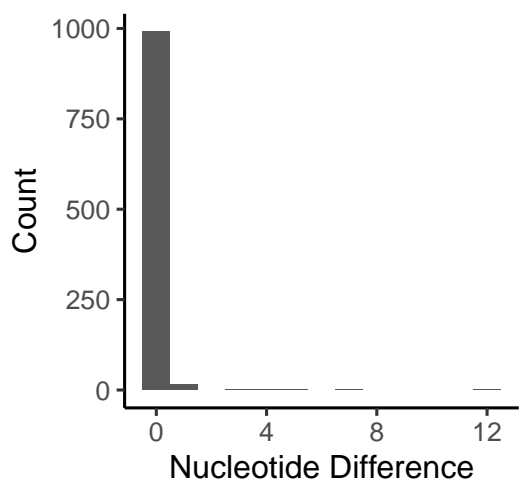
### TRBV12-5\*ap01

801 sequences assigned  
776 (96.9%) exact matches, in which:  
747 unique CDR3  
13 unique J



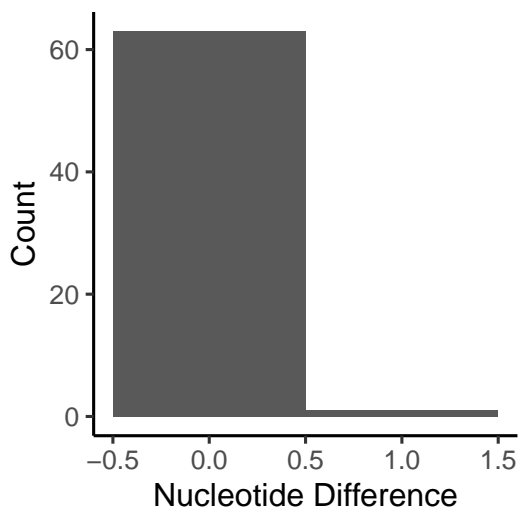
### TRBV21-1\*ap01

1014 sequences assigned  
991 (97.7%) exact matches, in which:  
969 unique CDR3  
13 unique J



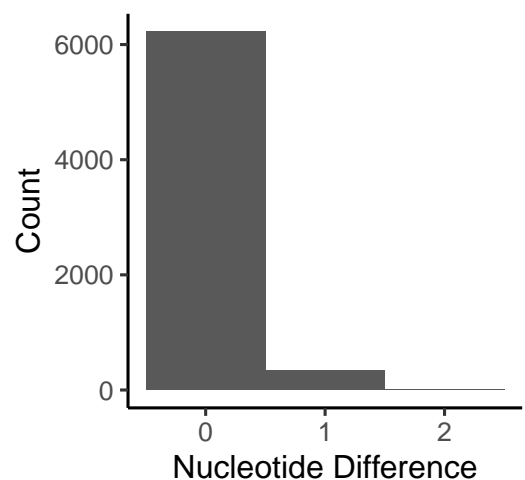
### TRBV12-1\*ap01

64 sequences assigned  
63 (98.4%) exact matches, in which:  
61 unique CDR3  
13 unique J



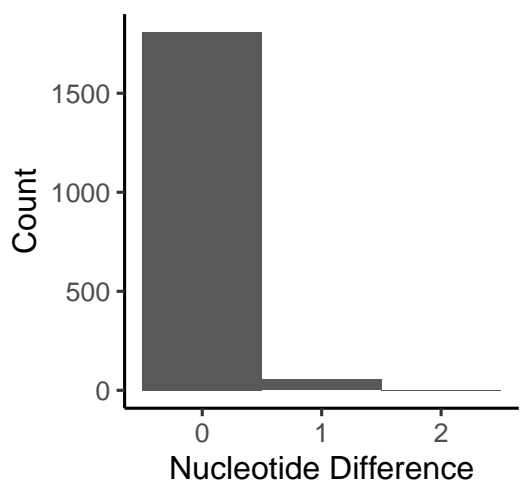
### TRBV12-34\*ap01

6572 sequences assigned  
6223 (94.7%) exact matches, in which:  
6032 unique CDR3  
13 unique J



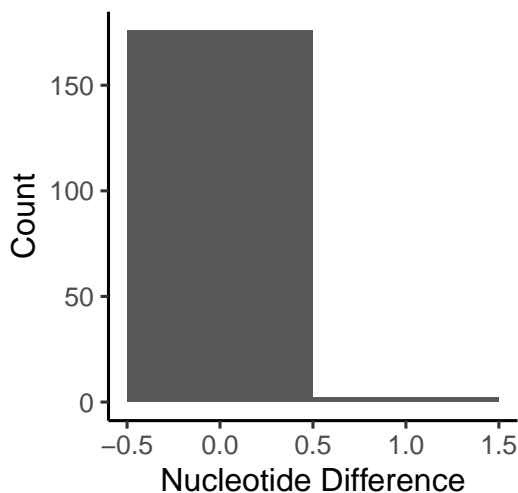
### TRBV11-2\*ap01

1864 sequences assigned  
1809 (97%) exact matches, in which:  
1756 unique CDR3  
13 unique J



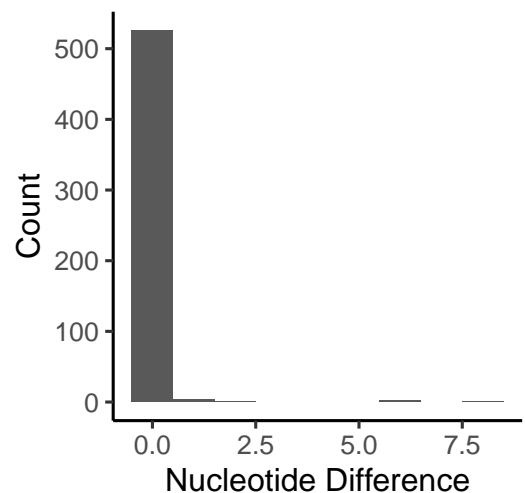
### TRBV12-2\*ap01

178 sequences assigned  
176 (98.9%) exact matches, in which:  
175 unique CDR3  
13 unique J



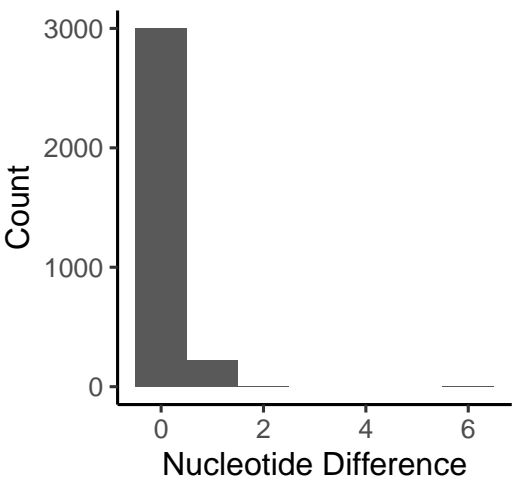
### TRBV23-1\*ap01

533 sequences assigned  
526 (98.7%) exact matches, in which:  
520 unique CDR3  
13 unique J



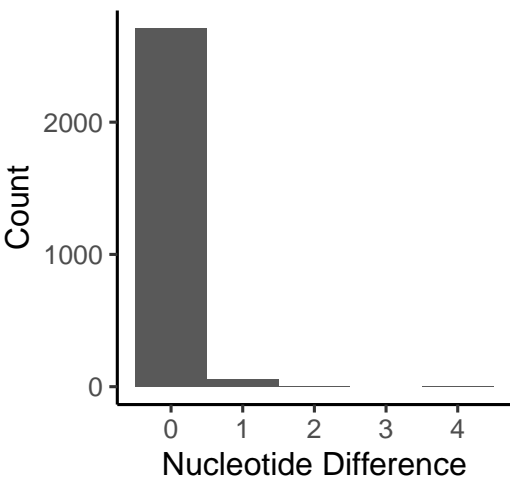
TRBV3-12\*ap01

3223 sequences assigned  
3000 (93.1%) exact matches, in which:  
2909 unique CDR3  
13 unique J



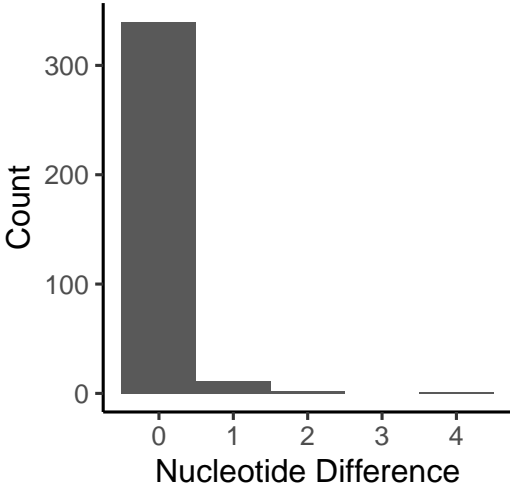
TRBV4-2\*ap01

2771 sequences assigned  
2709 (97.8%) exact matches, in which:  
2657 unique CDR3  
13 unique J



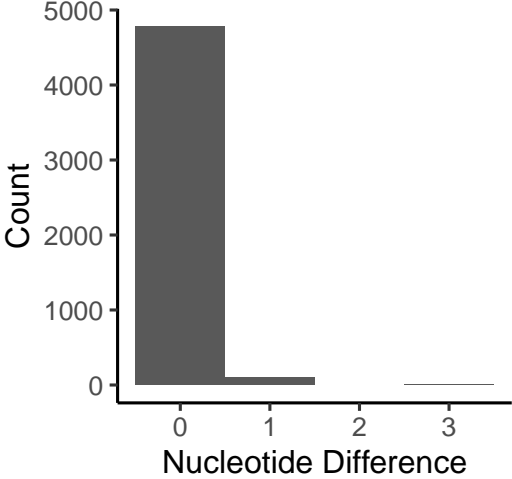
TRBV5-3\*ap01

354 sequences assigned  
340 (96%) exact matches, in which:  
323 unique CDR3  
13 unique J



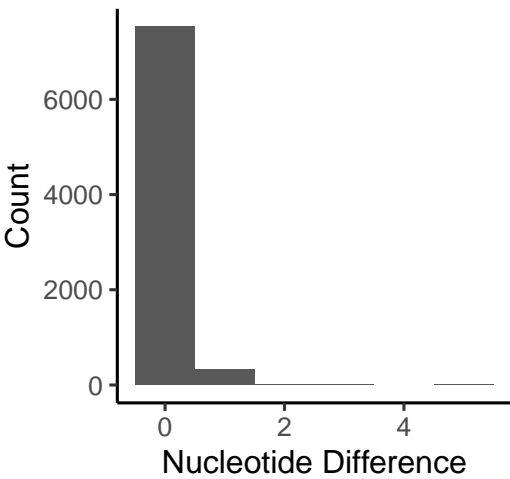
TRBV4-1\*ap01

4875 sequences assigned  
4777 (98%) exact matches, in which:  
4674 unique CDR3  
13 unique J



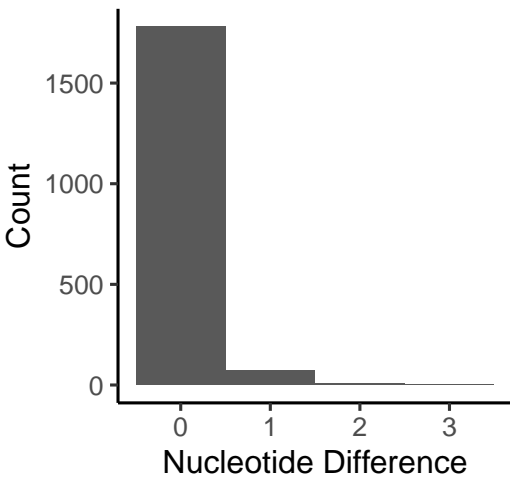
TRBV5-1\*ap01

7876 sequences assigned  
7526 (95.6%) exact matches, in which:  
7265 unique CDR3  
13 unique J



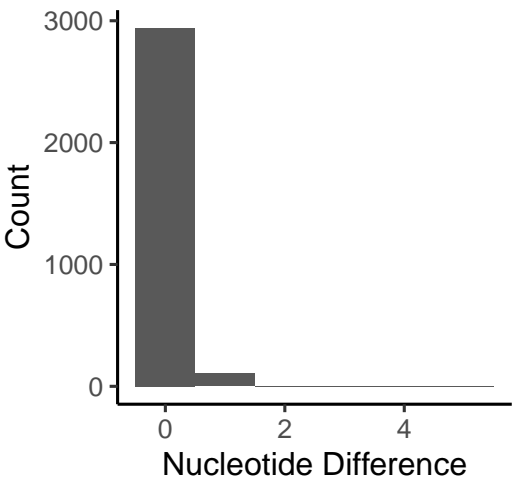
TRBV5-4\*ap01

1857 sequences assigned  
1780 (95.9%) exact matches, in which:  
1720 unique CDR3  
13 unique J



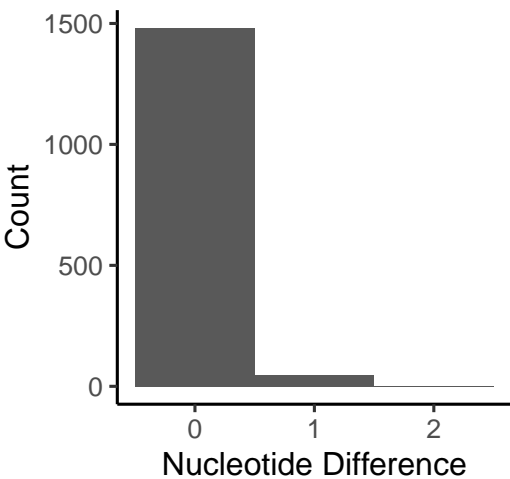
TRBV24-1\*ap01

3057 sequences assigned  
2940 (96.2%) exact matches, in which:  
2868 unique CDR3  
13 unique J



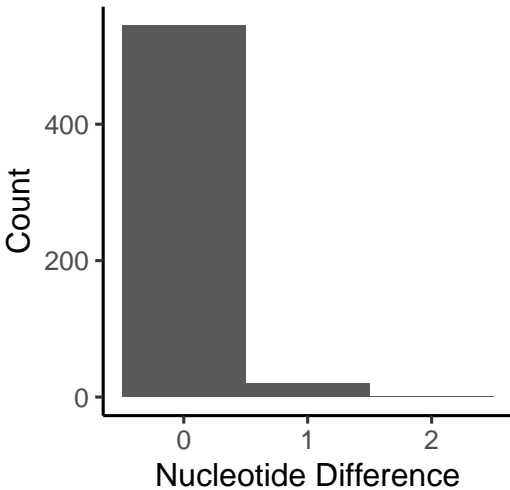
TRBV25-1\*ap01

1530 sequences assigned  
1481 (96.8%) exact matches, in which:  
1425 unique CDR3  
13 unique J



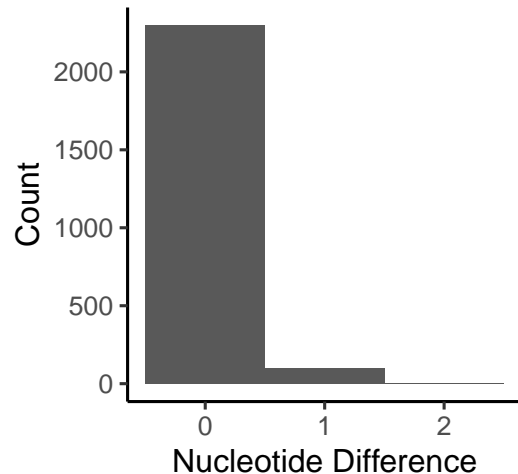
TRBV5-5\*ap01

566 sequences assigned  
545 (96.3%) exact matches, in which:  
516 unique CDR3  
13 unique J



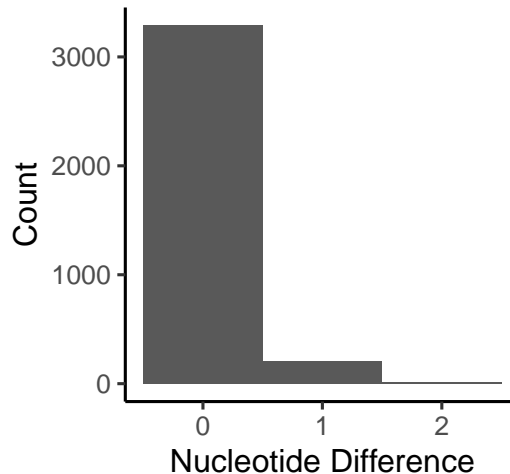
### TRBV5-6\*ap01

2397 sequences assigned  
2298 (95.9%) exact matches, in which:  
2165 unique CDR3  
13 unique J



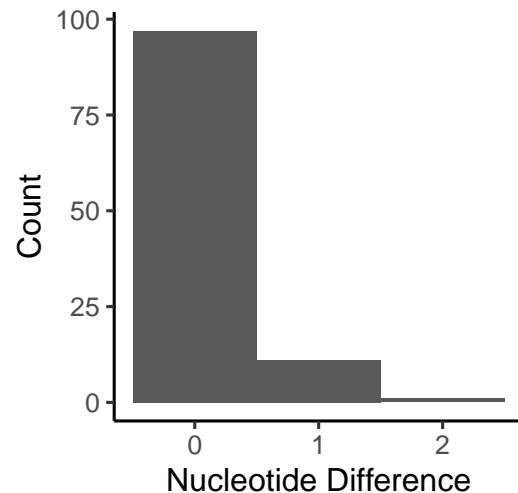
### TRBV6-1\*ap01

3505 sequences assigned  
3289 (93.8%) exact matches, in which:  
3221 unique CDR3  
13 unique J



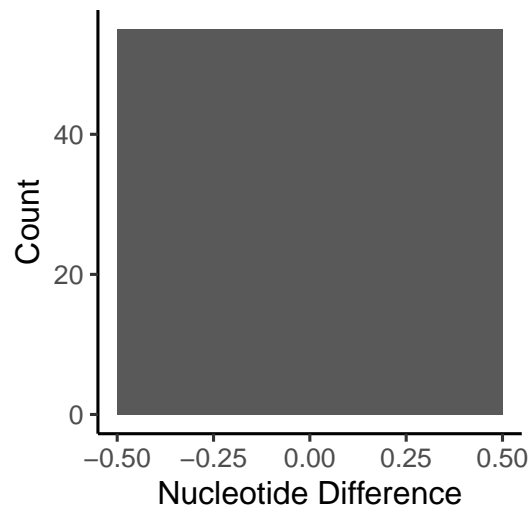
### TRBV6-8\*ap01

109 sequences assigned  
97 (89%) exact matches, in which:  
94 unique CDR3  
12 unique J



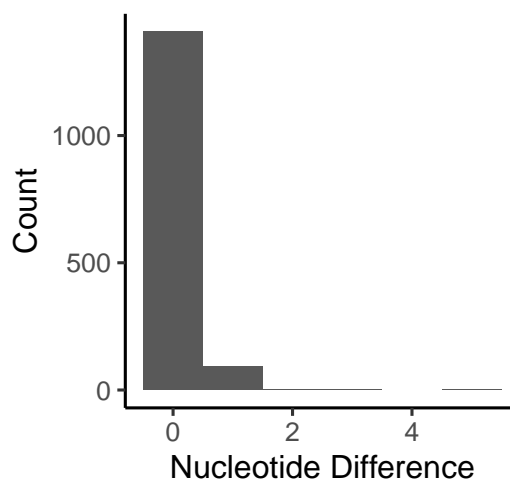
### TRBV5-7\*ap01

55 sequences assigned  
55 (100%) exact matches, in which:  
54 unique CDR3  
12 unique J



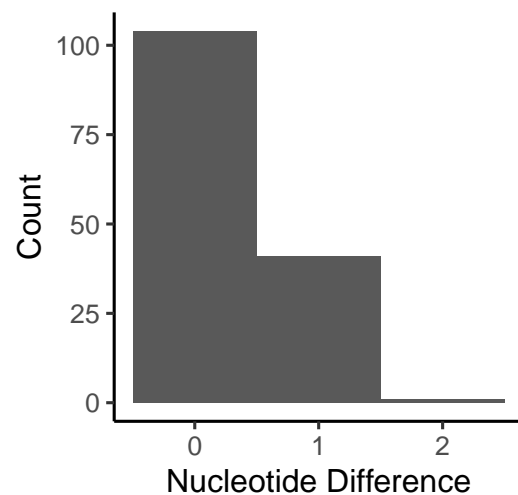
### TRBV6-4\*ap01

1506 sequences assigned  
1408 (93.5%) exact matches, in which:  
1360 unique CDR3  
13 unique J



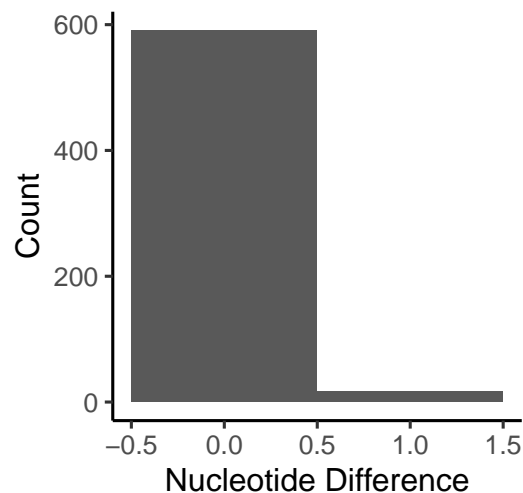
### TRBV6-9\*ap01

146 sequences assigned  
104 (71.2%) exact matches, in which:  
98 unique CDR3  
12 unique J



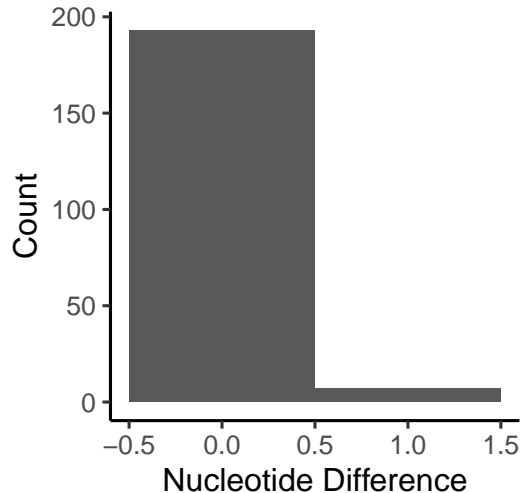
### TRBV5-8\*ap01

608 sequences assigned  
591 (97.2%) exact matches, in which:  
568 unique CDR3  
13 unique J



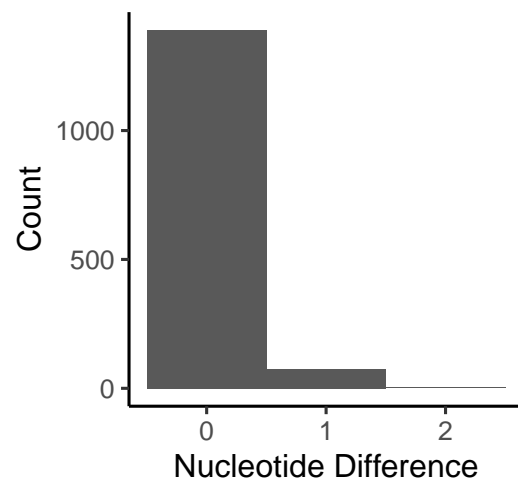
### TRBV6-7\*ap01

200 sequences assigned  
193 (96.5%) exact matches, in which:  
188 unique CDR3  
13 unique J



### TRBV6-23\*ap01

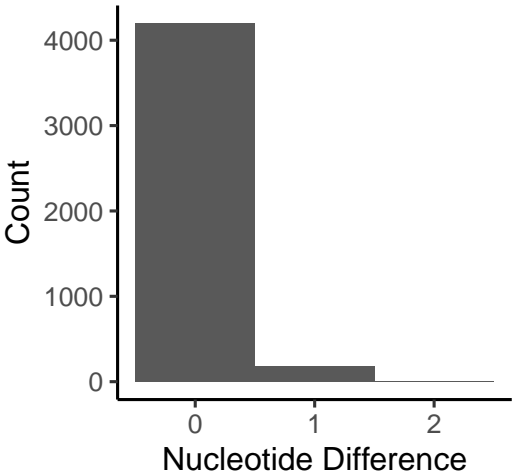
1467 sequences assigned  
1390 (94.8%) exact matches, in which:  
1347 unique CDR3  
13 unique J





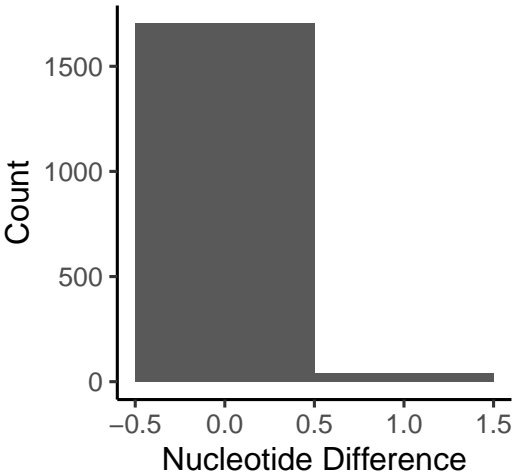
TRBV6-56\*ap01

4377 sequences assigned  
4197 (95.9%) exact matches, in which:  
4114 unique CDR3  
13 unique J



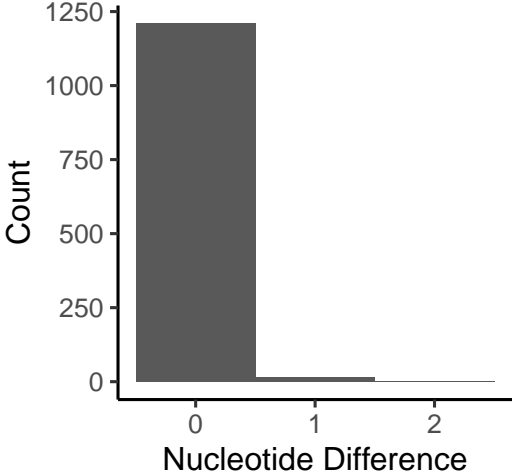
TRBV7-2\*ap01

1744 sequences assigned  
1704 (97.7%) exact matches, in which:  
1642 unique CDR3  
13 unique J



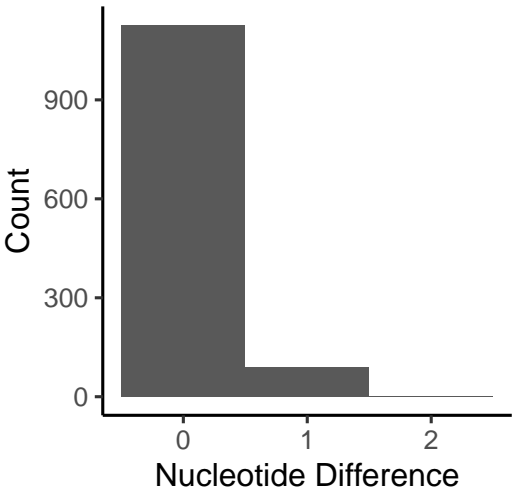
TRBV7-6\*ap01

1225 sequences assigned  
1210 (98.8%) exact matches, in which:  
1163 unique CDR3  
13 unique J



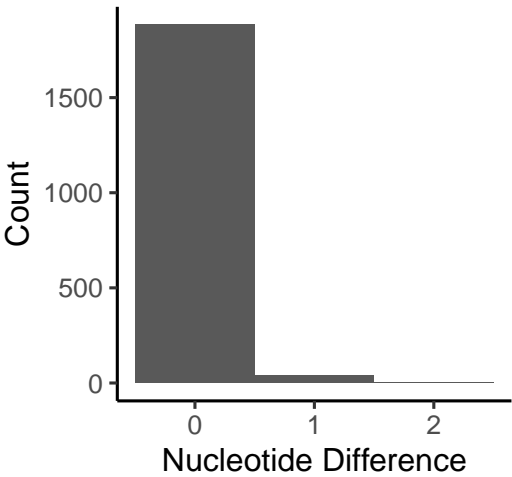
TRBV6-56\*ap02

1217 sequences assigned  
1127 (92.6%) exact matches, in which:  
1103 unique CDR3  
13 unique J



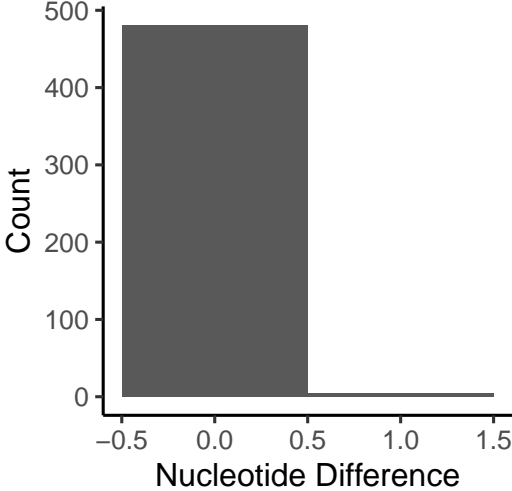
TRBV7-3\*ap01

1922 sequences assigned  
1883 (98%) exact matches, in which:  
1812 unique CDR3  
13 unique J



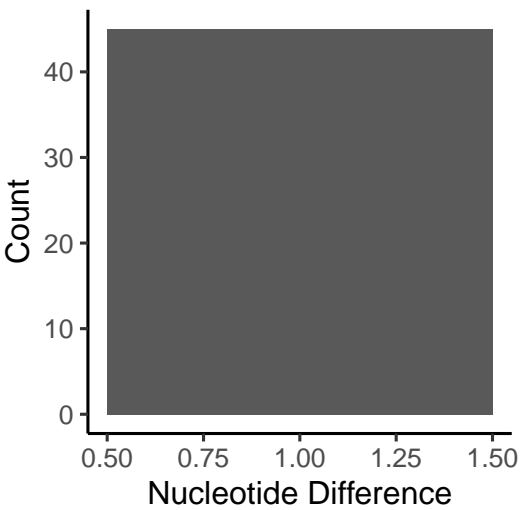
TRBV7-7\*ap01\_C315T

485 sequences assigned  
481 (99.2%) exact matches, in which:  
457 unique CDR3  
13 unique J



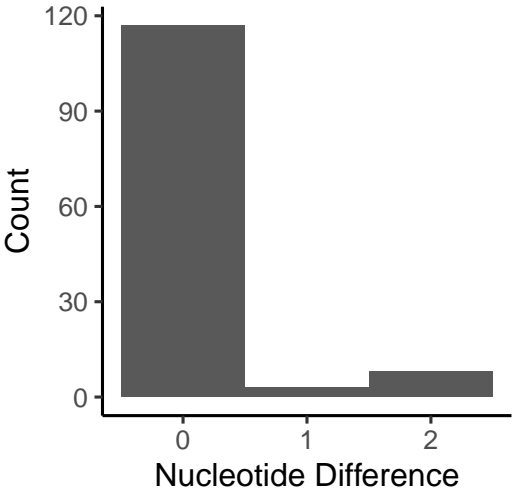
TRBV7-1\*ap01\_T296C

45 sequences assigned  
No exact matches.



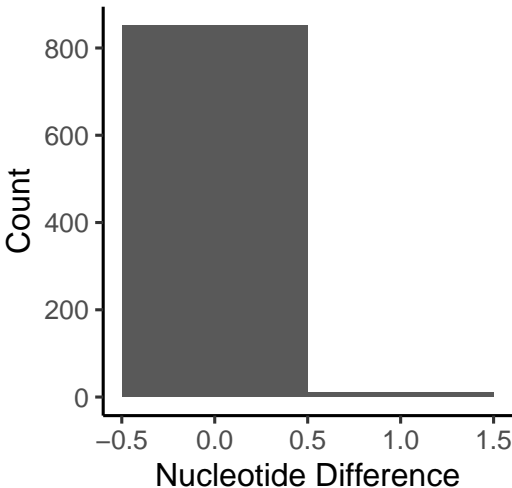
TRBV7-4\*ap01

128 sequences assigned  
117 (91.4%) exact matches, in which:  
110 unique CDR3  
13 unique J



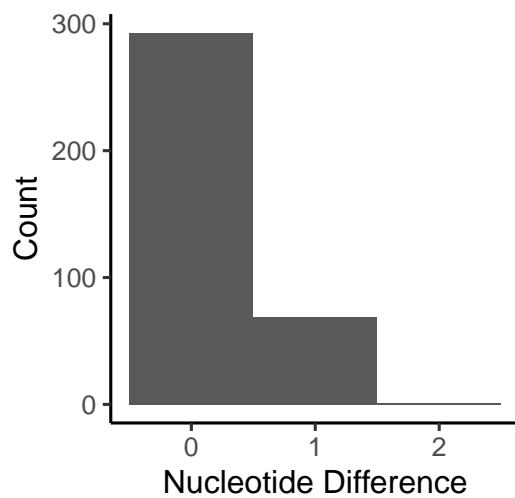
TRBV7-8\*ap01

862 sequences assigned  
852 (98.8%) exact matches, in which:  
827 unique CDR3  
13 unique J



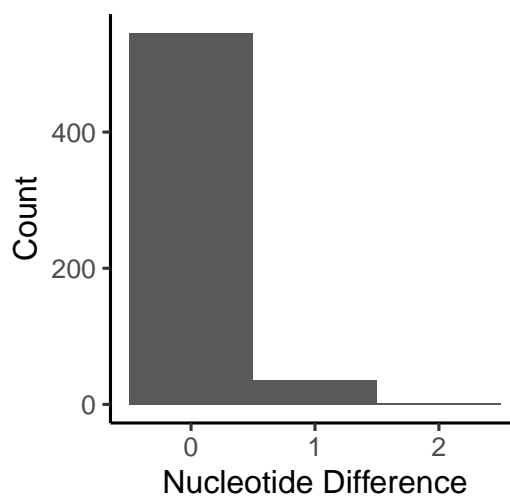
### TRBV7-8\*ap03

363 sequences assigned  
293 (80.7%) exact matches, in which:  
280 unique CDR3  
12 unique J



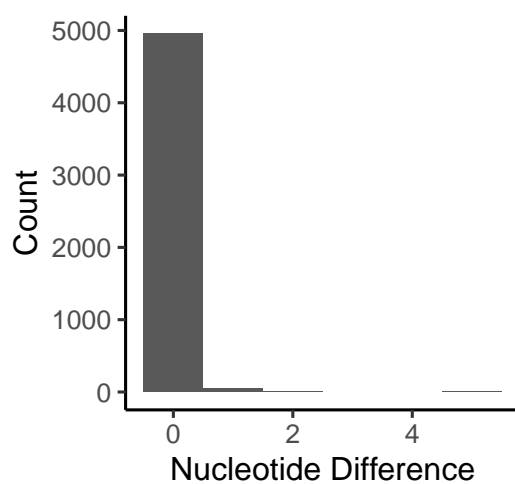
### TRBV29-1\*ap02

584 sequences assigned  
546 (93.5%) exact matches, in which:  
517 unique CDR3  
13 unique J



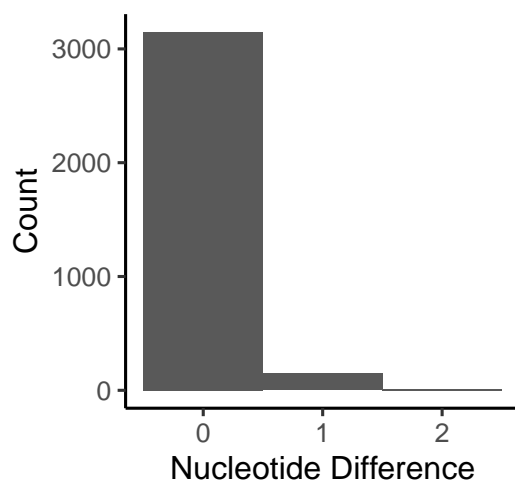
### TRBV7-9\*ap01

5006 sequences assigned  
4955 (99%) exact matches, in which:  
4780 unique CDR3  
13 unique J

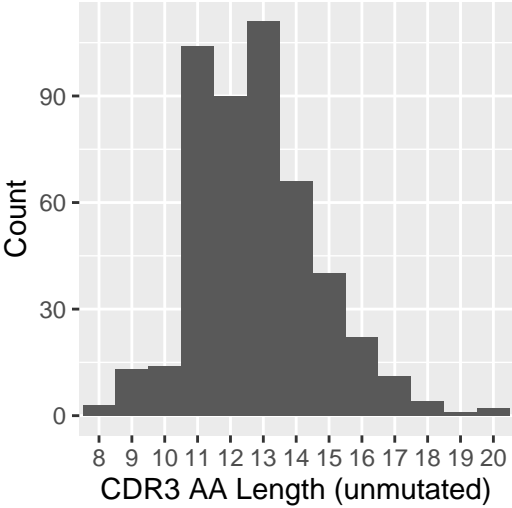


### TRBV29-1\*ap01

3309 sequences assigned  
3148 (95.1%) exact matches, in which:  
3024 unique CDR3  
13 unique J



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.