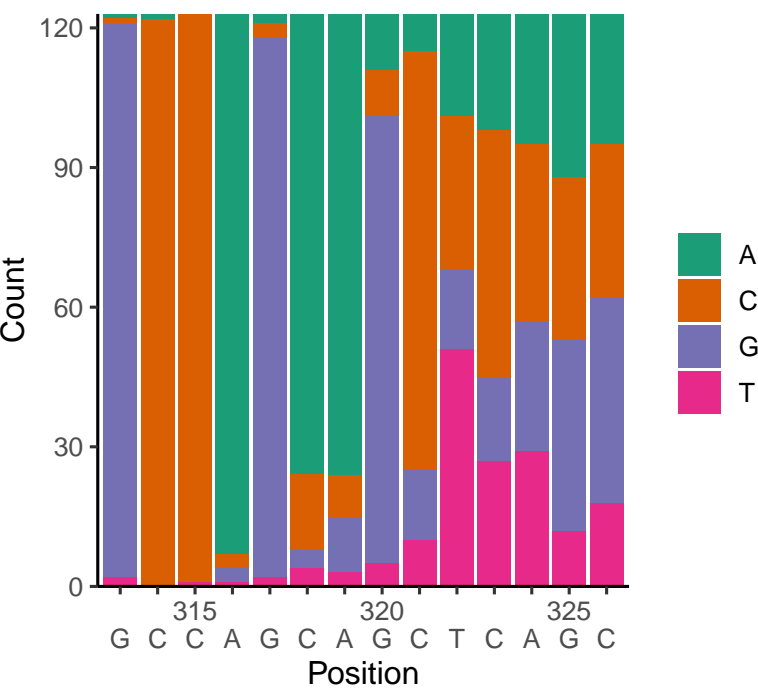
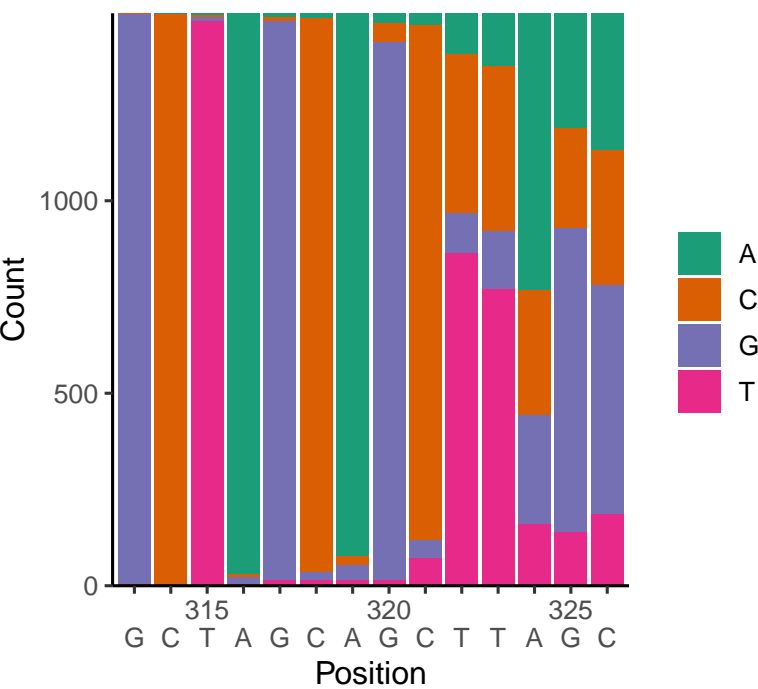


Gene TRBV7-1\*ap01\_T296C



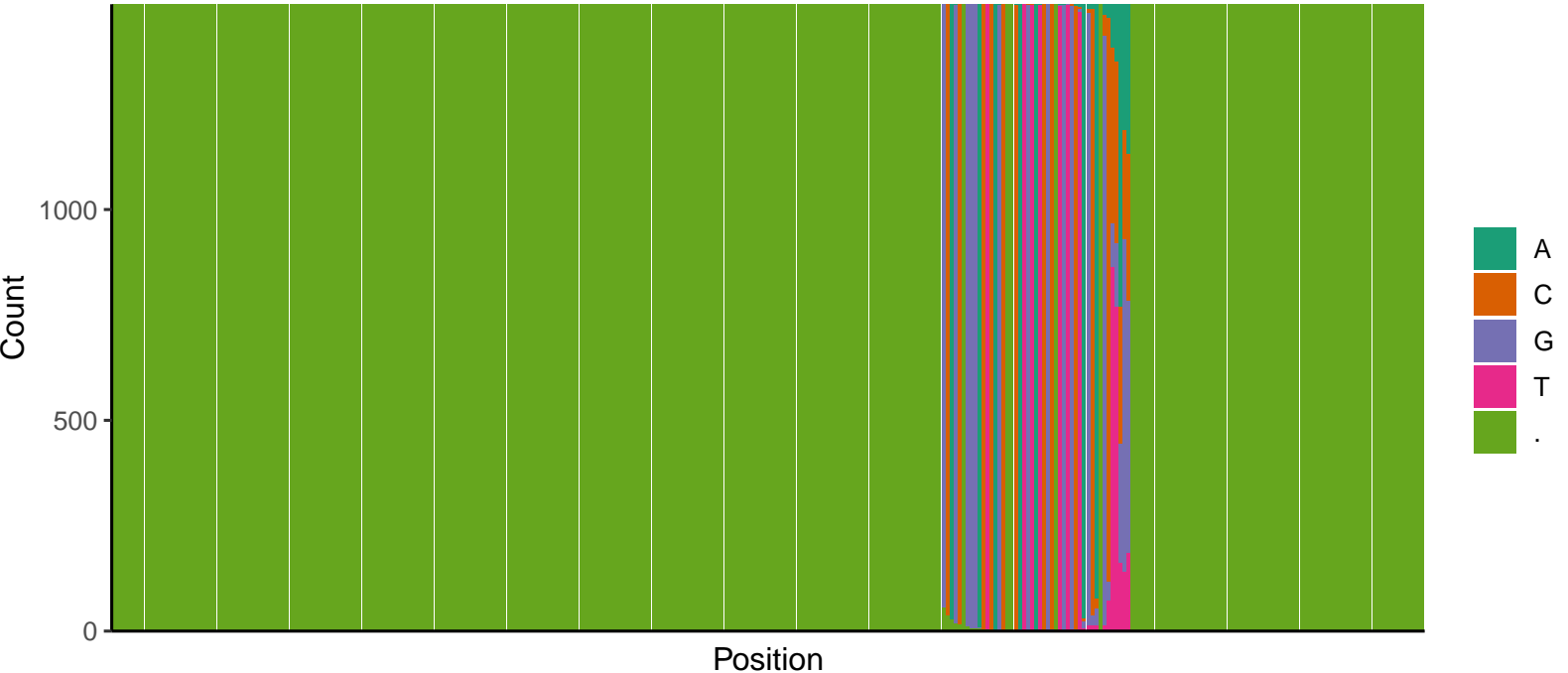
Gene TRBV7-7\*ap01\_C315T



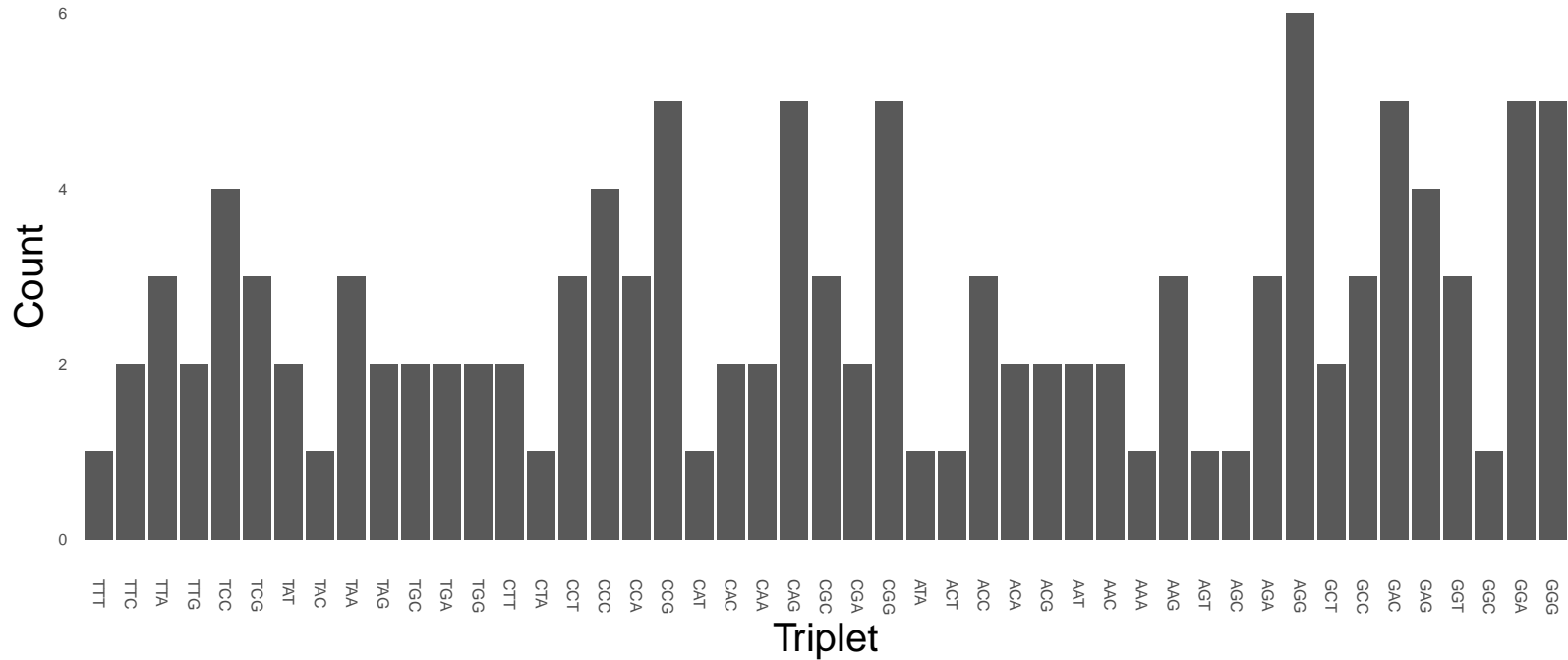
Gene TRBV7-1\*ap01\_T296C



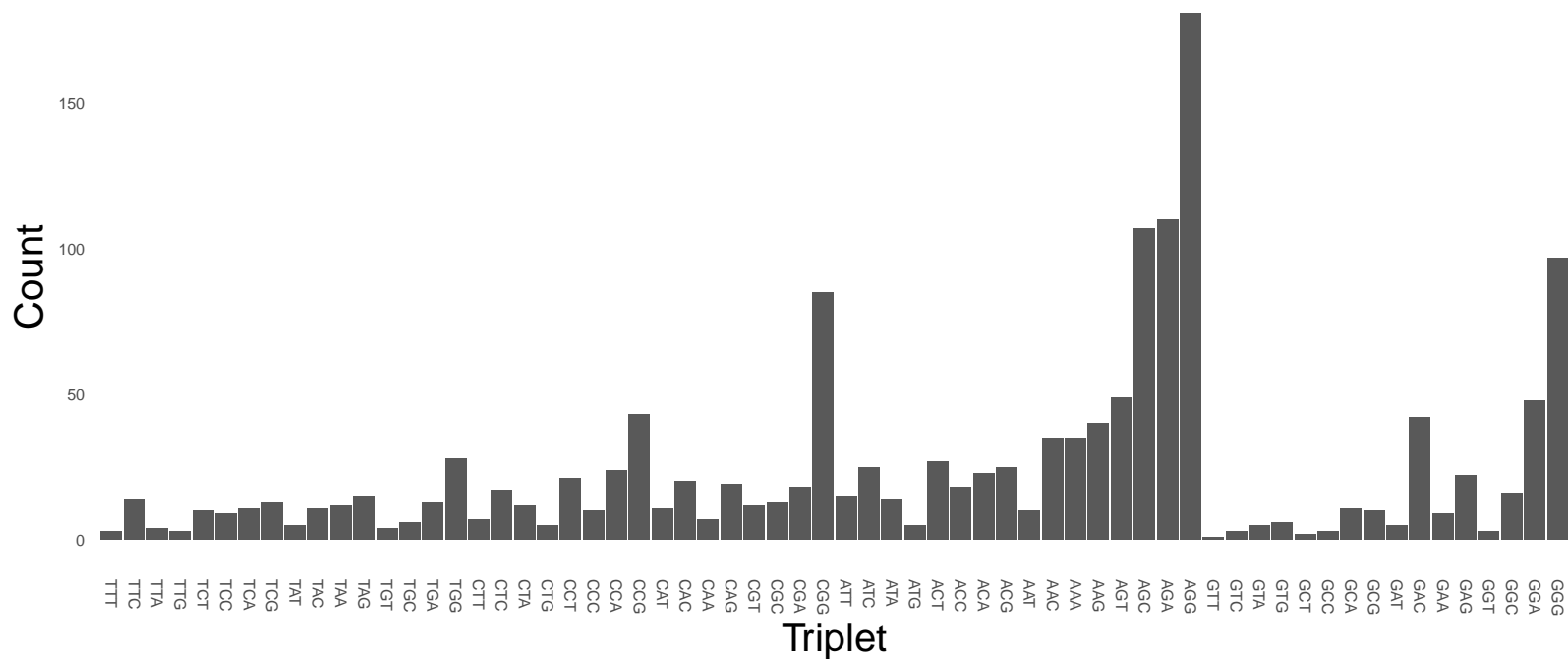
Gene TRBV7-7\*ap01\_C315T



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

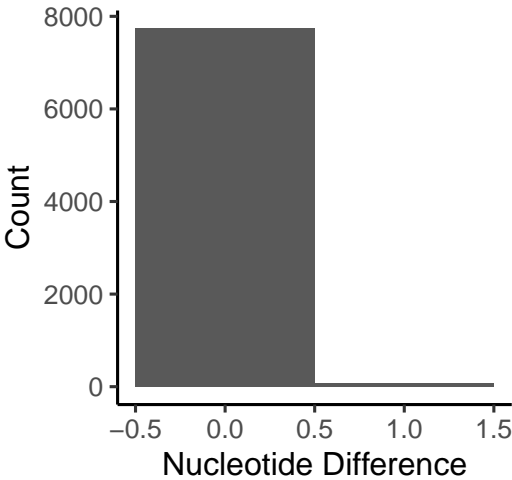


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



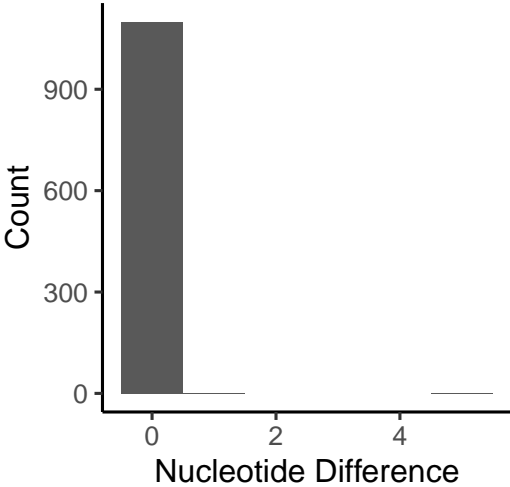
TRBV20-1\*ap01

7808 sequences assigned  
7739 (99.1%) exact matches, in which:  
7636 unique CDR3  
13 unique J



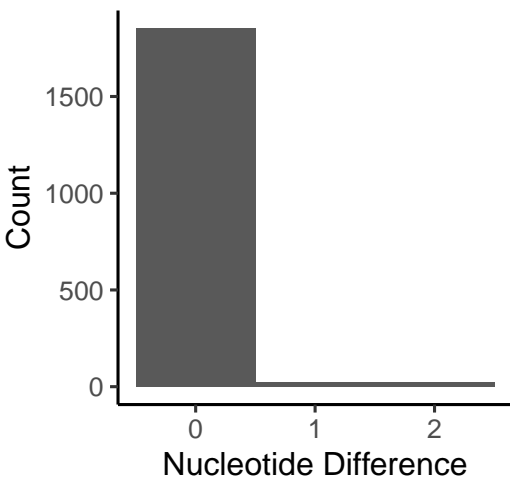
TRBV10-2\*ap01

1103 sequences assigned  
1100 (99.7%) exact matches, in which:  
1086 unique CDR3  
13 unique J



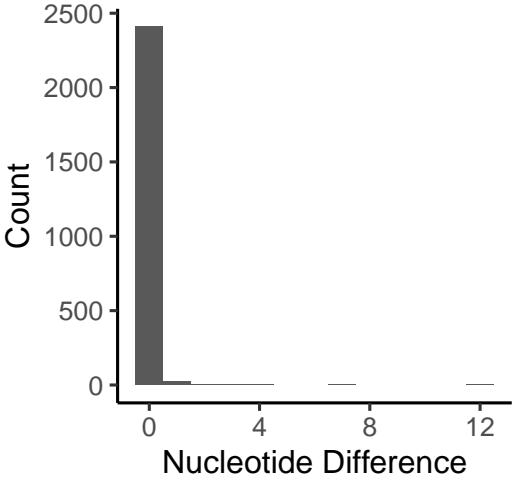
TRBV13\*ap01

1896 sequences assigned  
1852 (97.7%) exact matches, in which:  
1804 unique CDR3  
13 unique J



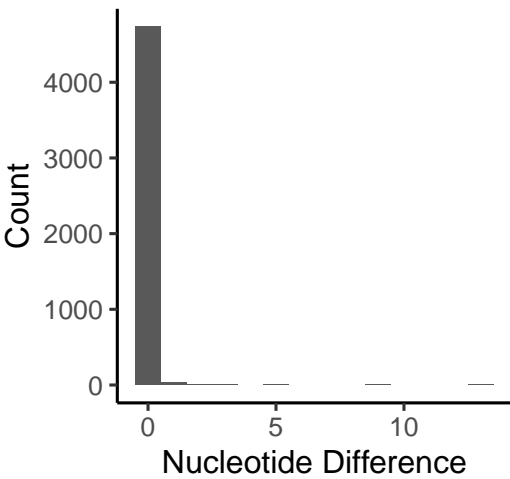
TRBV10-1\*ap01

2440 sequences assigned  
2409 (98.7%) exact matches, in which:  
2366 unique CDR3  
13 unique J



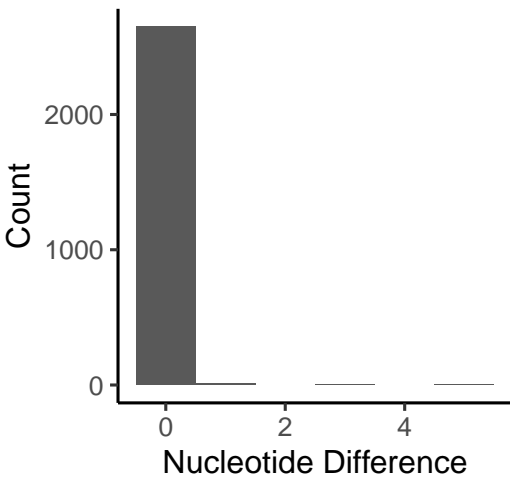
TRBV10-3\*ap01

4782 sequences assigned  
4734 (99%) exact matches, in which:  
4670 unique CDR3  
13 unique J



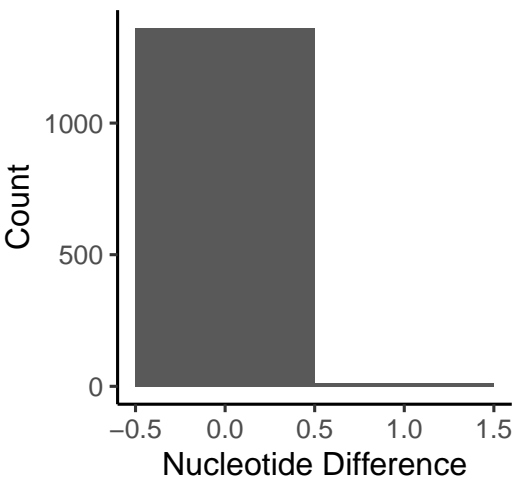
TRBV14\*ap01

2663 sequences assigned  
2649 (99.5%) exact matches, in which:  
2620 unique CDR3  
13 unique J



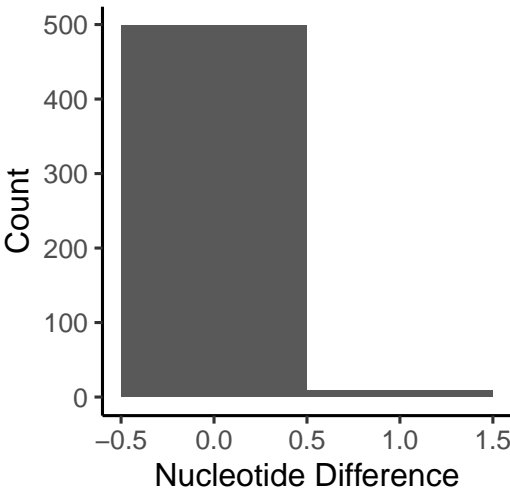
TRBV20-1\*ap02

1373 sequences assigned  
1361 (99.1%) exact matches, in which:  
1343 unique CDR3  
13 unique J



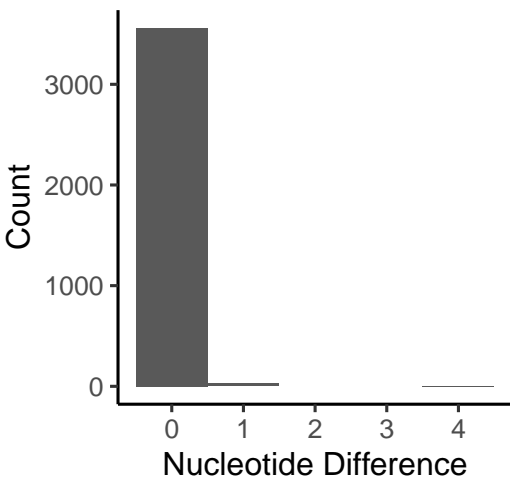
TRBV1\*ap01

508 sequences assigned  
499 (98.2%) exact matches, in which:  
487 unique CDR3  
13 unique J



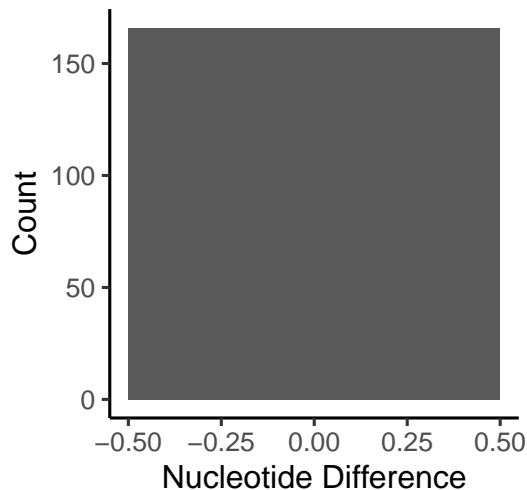
TRBV15\*ap02

3589 sequences assigned  
3559 (99.2%) exact matches, in which:  
3488 unique CDR3  
13 unique J



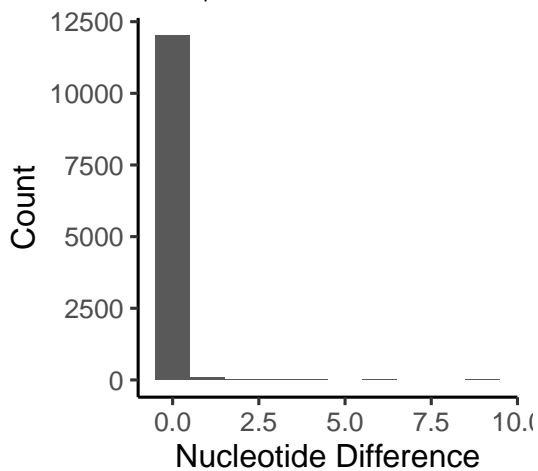
### TRBV16\*ap01

166 sequences assigned  
166 (100%) exact matches, in which:  
164 unique CDR3  
13 unique J



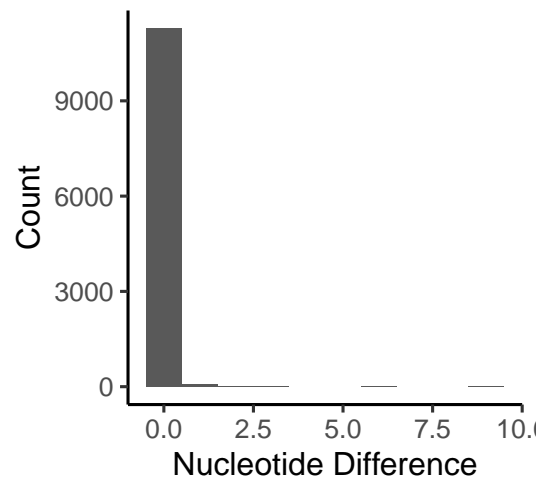
### TRBV19\*ap01

12127 sequences assigned  
12029 (99.2%) exact matches, in which:  
11952 unique CDR3  
13 unique J



### TRBV28\*ap01

11382 sequences assigned  
11281 (99.1%) exact matches, in which:  
11129 unique CDR3  
13 unique J



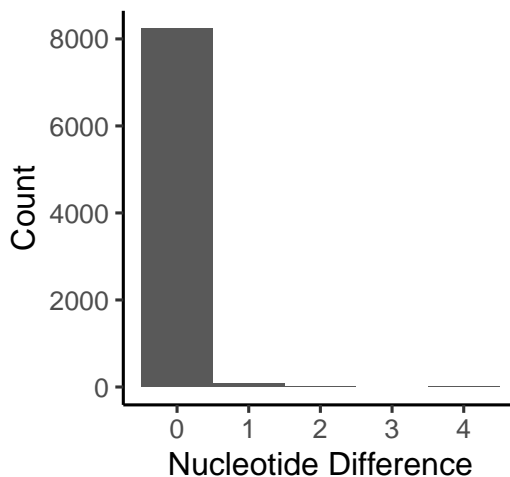
### TRBV17\*ap01

1 sequences assigned  
1 (100%) exact matches, in which:  
1 unique CDR3  
1 unique J



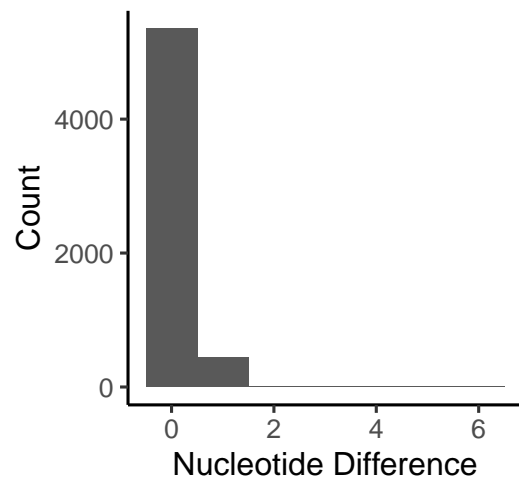
### TRBV2\*ap01

8324 sequences assigned  
8234 (98.9%) exact matches, in which:  
8049 unique CDR3  
13 unique J



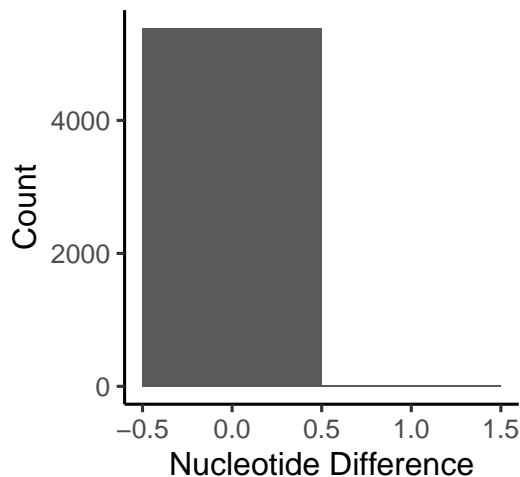
### TRBV30\*ap01

5806 sequences assigned  
5350 (92.1%) exact matches, in which:  
5248 unique CDR3  
13 unique J



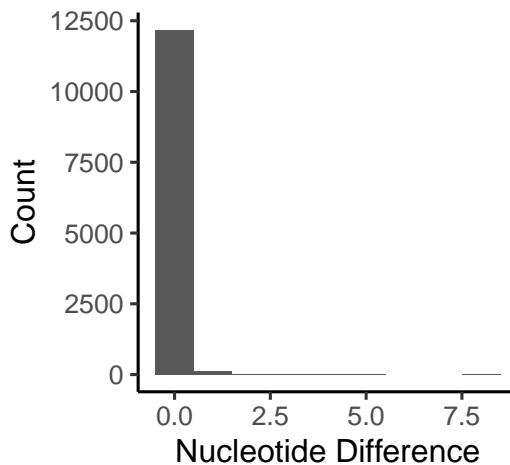
### TRBV18\*ap01

5410 sequences assigned  
5389 (99.6%) exact matches, in which:  
5358 unique CDR3  
13 unique J



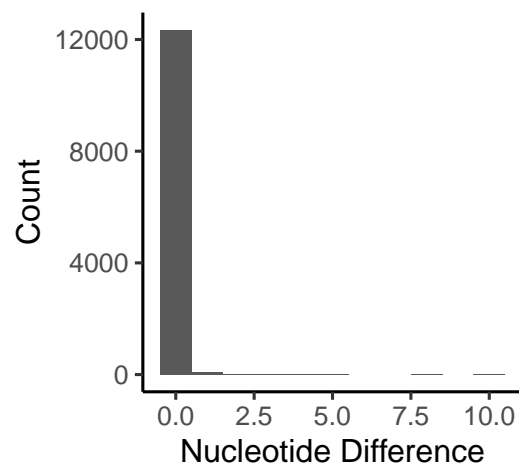
### TRBV27\*ap01

12315 sequences assigned  
12181 (98.9%) exact matches, in which:  
11901 unique CDR3  
13 unique J



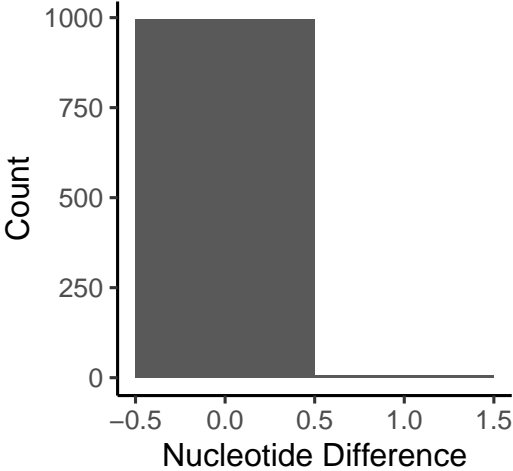
### TRBV9\*ap01

12462 sequences assigned  
12348 (99.1%) exact matches, in which:  
12171 unique CDR3  
14 unique J



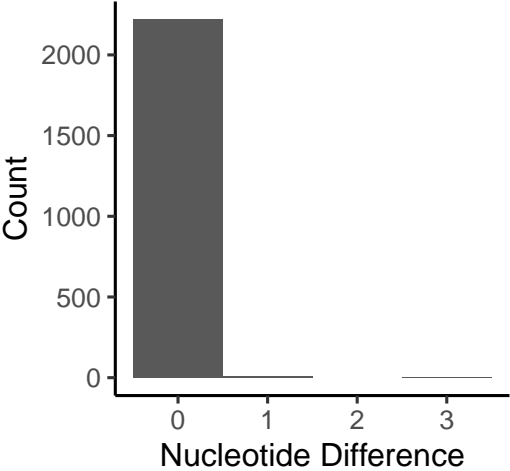
TRBV11-1\*ap01

1001 sequences assigned  
995 (99.4%) exact matches, in which:  
989 unique CDR3  
13 unique J



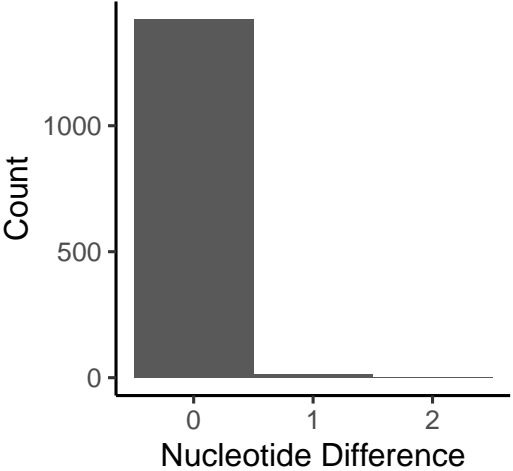
TRBV11-3\*ap01

2231 sequences assigned  
2220 (99.5%) exact matches, in which:  
2204 unique CDR3  
13 unique J



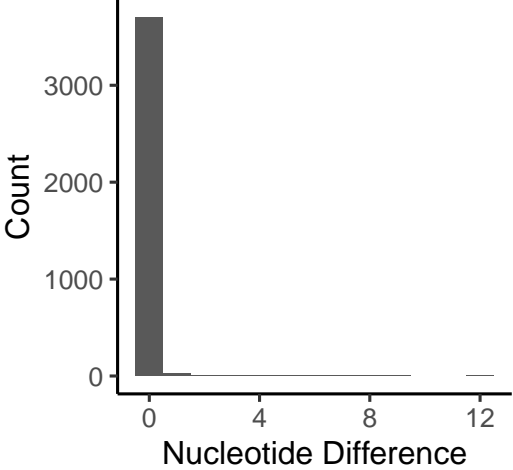
TRBV12-5\*ap01

1436 sequences assigned  
1422 (99%) exact matches, in which:  
1399 unique CDR3  
13 unique J



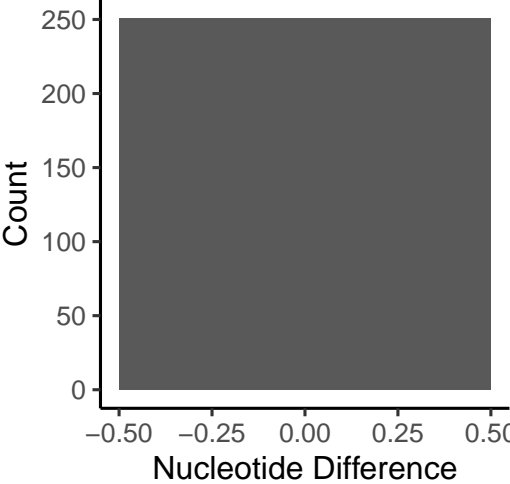
TRBV21-1\*ap01

3742 sequences assigned  
3697 (98.8%) exact matches, in which:  
3672 unique CDR3  
13 unique J



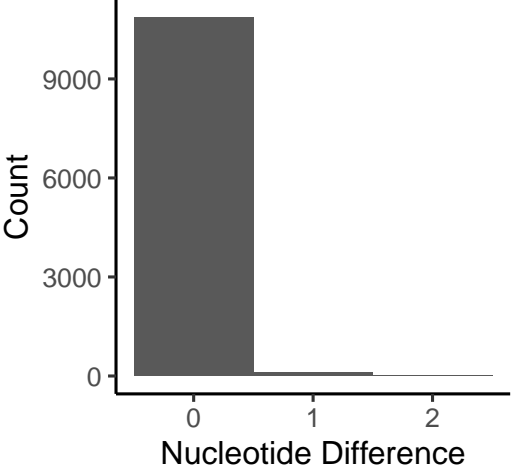
TRBV12-1\*ap01

251 sequences assigned  
251 (100%) exact matches, in which:  
246 unique CDR3  
13 unique J



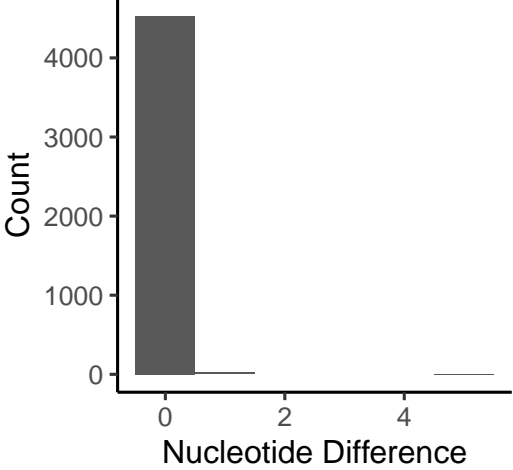
TRBV12-34\*ap01

10954 sequences assigned  
10854 (99.1%) exact matches, in which:  
10691 unique CDR3  
13 unique J



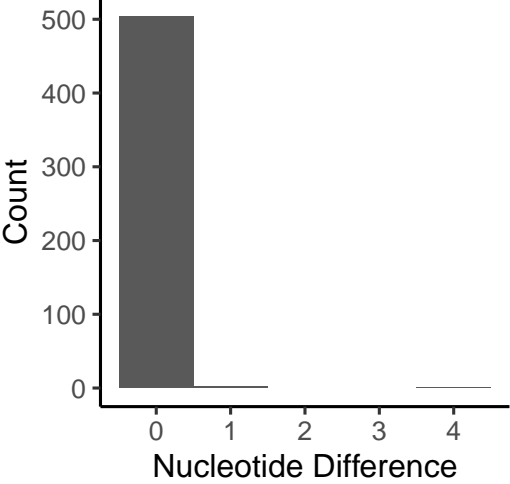
TRBV11-2\*ap01

4553 sequences assigned  
4529 (99.5%) exact matches, in which:  
4497 unique CDR3  
13 unique J



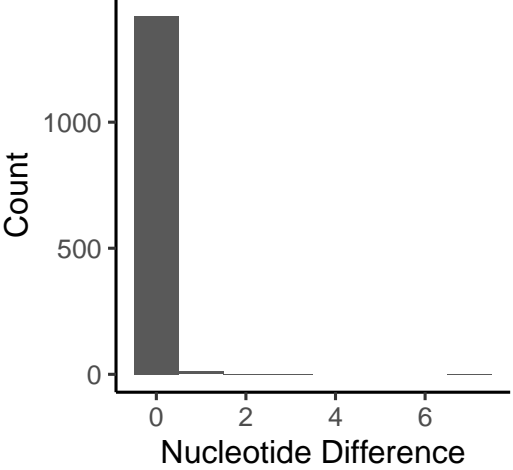
TRBV12-2\*ap01

507 sequences assigned  
504 (99.4%) exact matches, in which:  
500 unique CDR3  
13 unique J



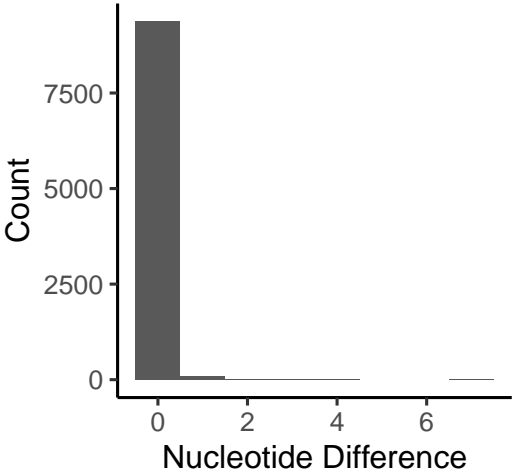
TRBV23-1\*ap01

1437 sequences assigned  
1421 (98.9%) exact matches, in which:  
1409 unique CDR3  
13 unique J



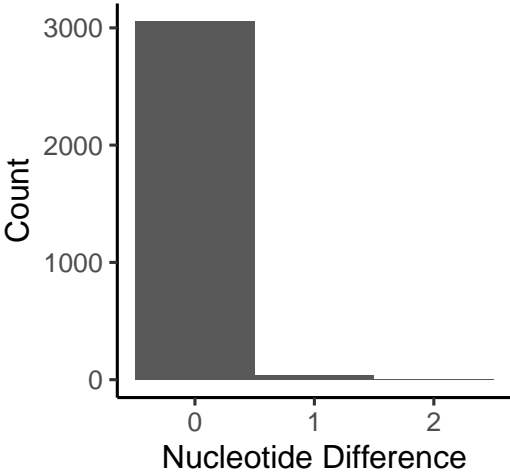
TRBV3-12\*ap01

9469 sequences assigned  
9373 (99%) exact matches, in which:  
9211 unique CDR3  
13 unique J



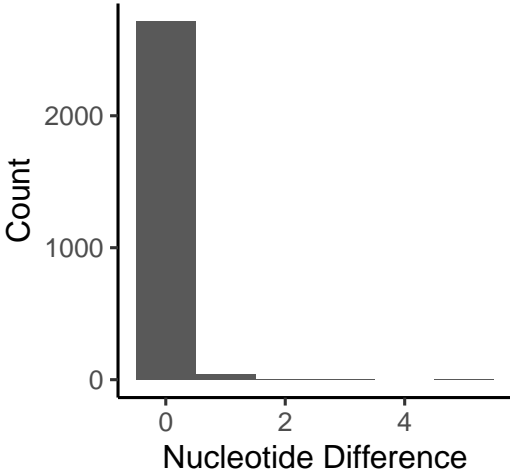
TRBV4-2\*ap01

3092 sequences assigned  
3055 (98.8%) exact matches, in which:  
2976 unique CDR3  
13 unique J



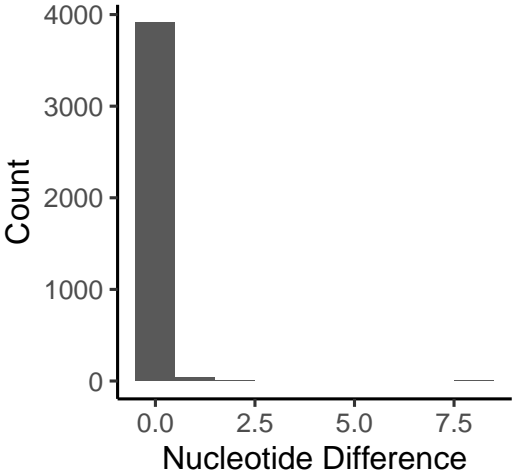
TRBV25-1\*ap01

2762 sequences assigned  
2715 (98.3%) exact matches, in which:  
2655 unique CDR3  
13 unique J



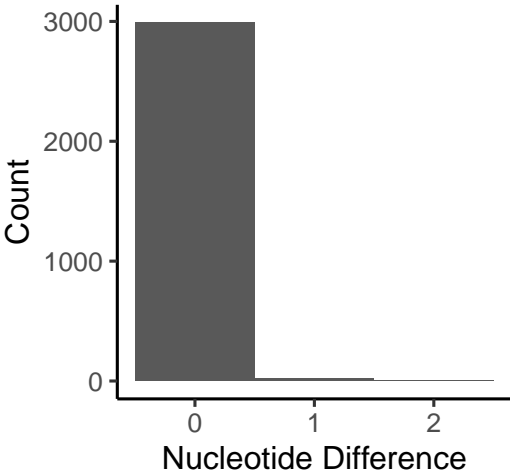
TRBV4-1\*ap01

3952 sequences assigned  
3911 (99%) exact matches, in which:  
3828 unique CDR3  
13 unique J



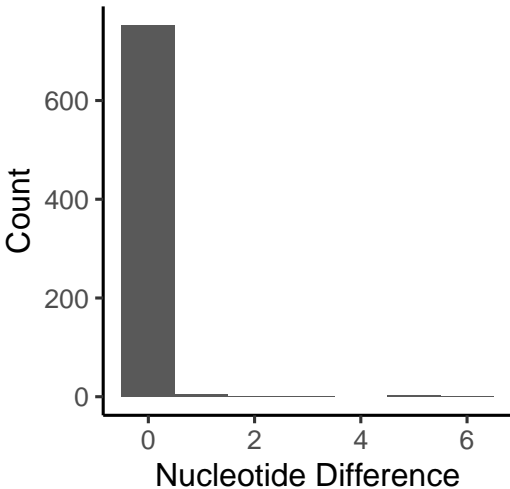
TRBV4-3\*ap01

3011 sequences assigned  
2989 (99.3%) exact matches, in which:  
2904 unique CDR3  
13 unique J



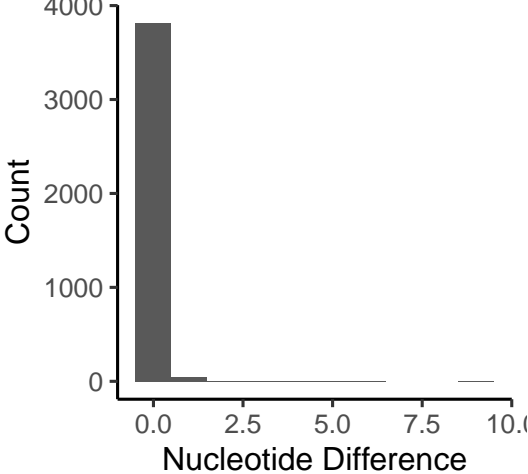
TRBV5-3\*ap01

766 sequences assigned  
753 (98.3%) exact matches, in which:  
745 unique CDR3  
13 unique J



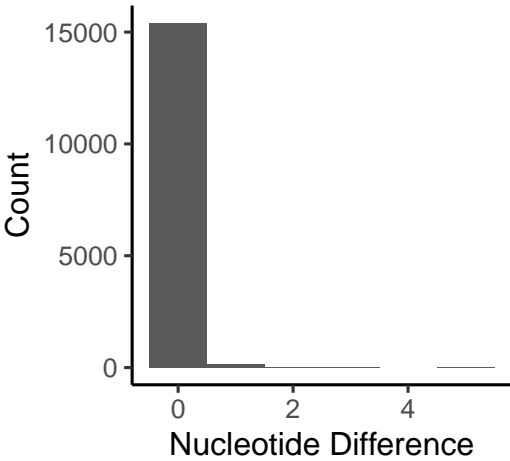
TRBV24-1\*ap01

3868 sequences assigned  
3814 (98.6%) exact matches, in which:  
3743 unique CDR3  
13 unique J



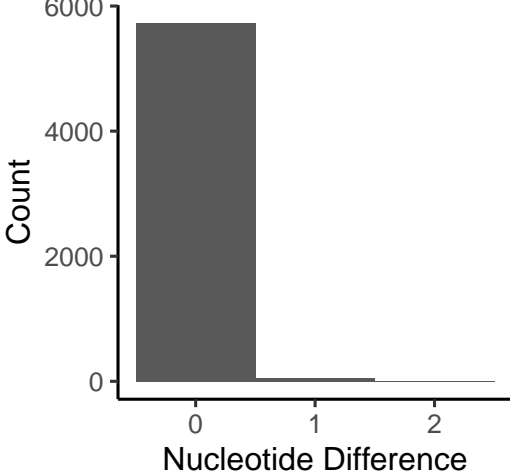
TRBV5-1\*ap01

15557 sequences assigned  
15415 (99.1%) exact matches, in which:  
15025 unique CDR3  
13 unique J



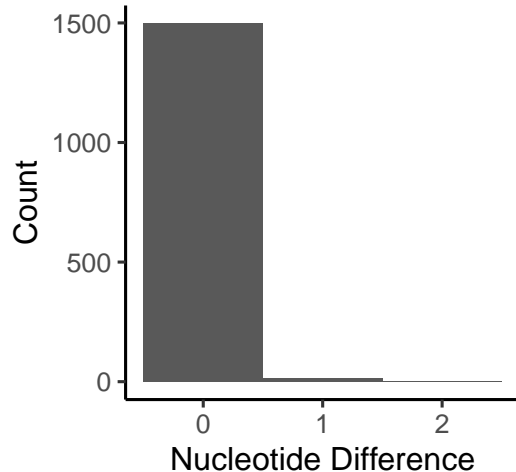
TRBV5-4\*ap01

5787 sequences assigned  
5728 (99%) exact matches, in which:  
5624 unique CDR3  
13 unique J



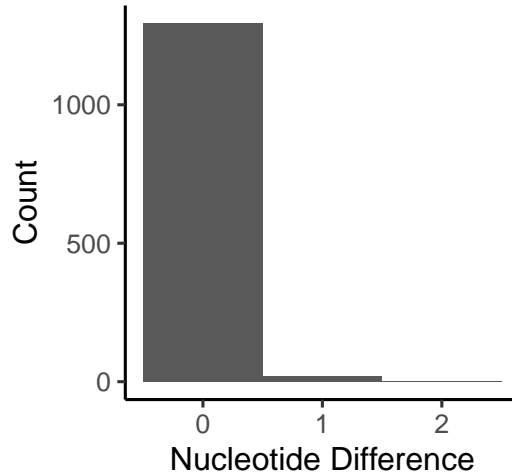
### TRBV5-5\*ap01

1514 sequences assigned  
1498 (98.9%) exact matches, in which:  
1481 unique CDR3  
13 unique J



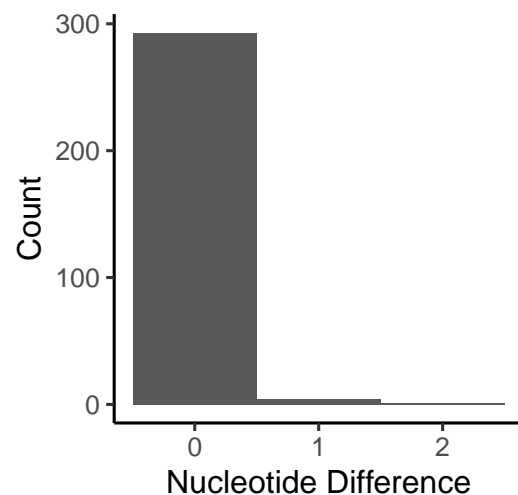
### TRBV5-8\*ap01

1315 sequences assigned  
1294 (98.4%) exact matches, in which:  
1280 unique CDR3  
13 unique J



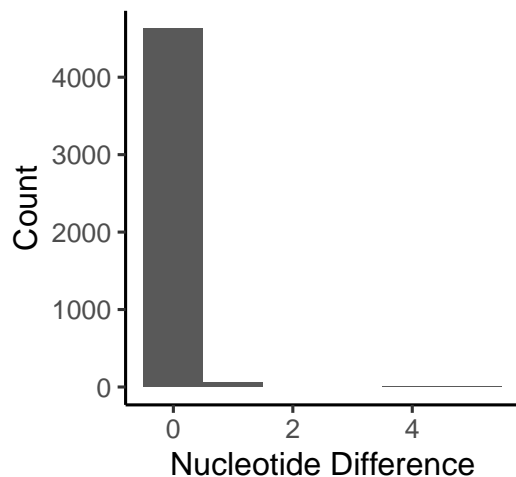
### TRBV6-7\*ap01

298 sequences assigned  
293 (98.3%) exact matches, in which:  
289 unique CDR3  
13 unique J



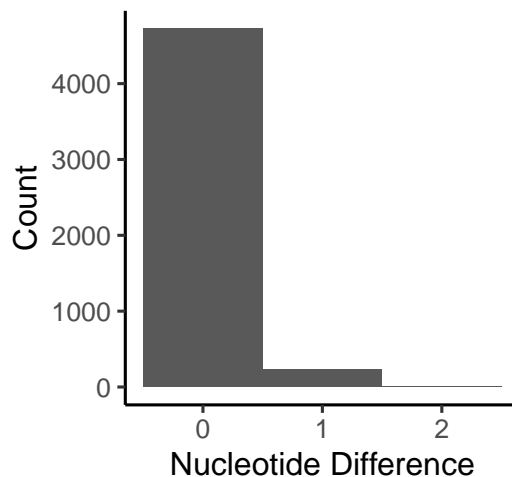
### TRBV5-6\*ap01

4682 sequences assigned  
4626 (98.8%) exact matches, in which:  
4492 unique CDR3  
13 unique J



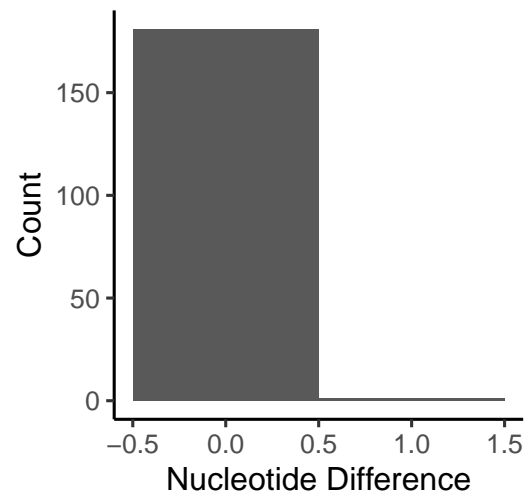
### TRBV6-1\*ap01

4952 sequences assigned  
4724 (95.4%) exact matches, in which:  
4616 unique CDR3  
13 unique J



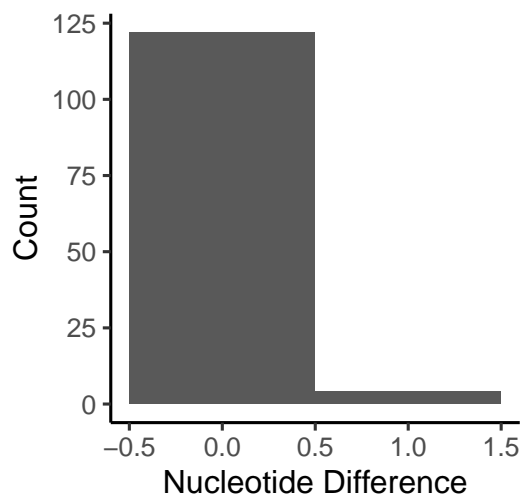
### TRBV6-8\*ap01

182 sequences assigned  
181 (99.5%) exact matches, in which:  
179 unique CDR3  
13 unique J



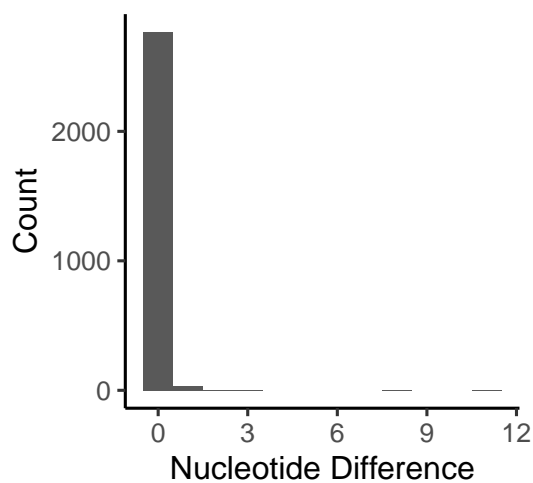
### TRBV5-7\*ap01

126 sequences assigned  
122 (96.8%) exact matches, in which:  
120 unique CDR3  
13 unique J



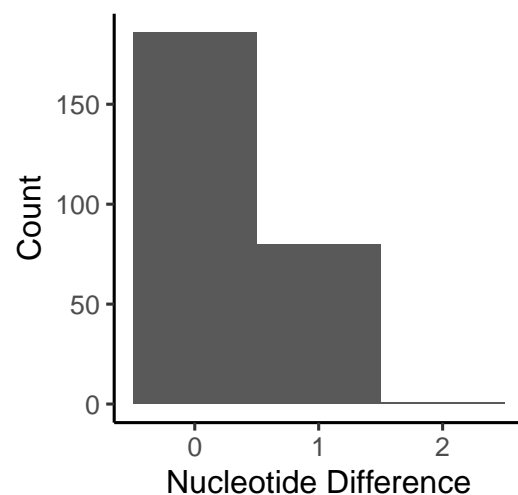
### TRBV6-4\*ap01

2806 sequences assigned  
2767 (98.6%) exact matches, in which:  
2743 unique CDR3  
13 unique J



### TRBV6-9\*ap01

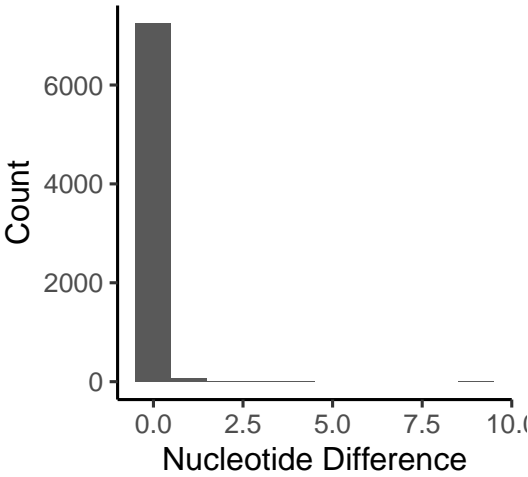
267 sequences assigned  
186 (69.7%) exact matches, in which:  
181 unique CDR3  
12 unique J





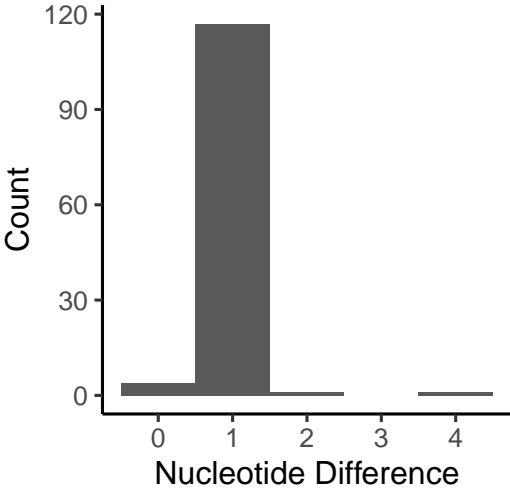
TRBV6-23\*ap01

7322 sequences assigned  
7246 (99%) exact matches, in which:  
6986 unique CDR3  
13 unique J



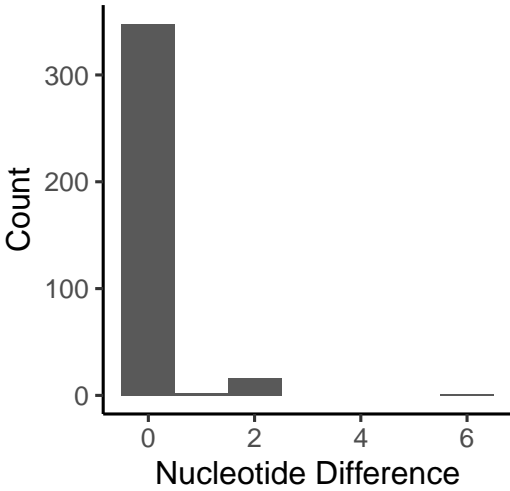
TRBV7-1\*ap01\_T296C

123 sequences assigned  
4 (3.3%) exact matches, in which:  
4 unique CDR3  
3 unique J



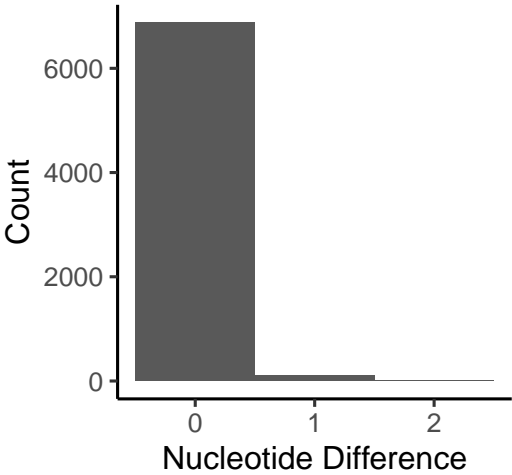
TRBV7-4\*ap01

367 sequences assigned  
348 (94.8%) exact matches, in which:  
343 unique CDR3  
13 unique J



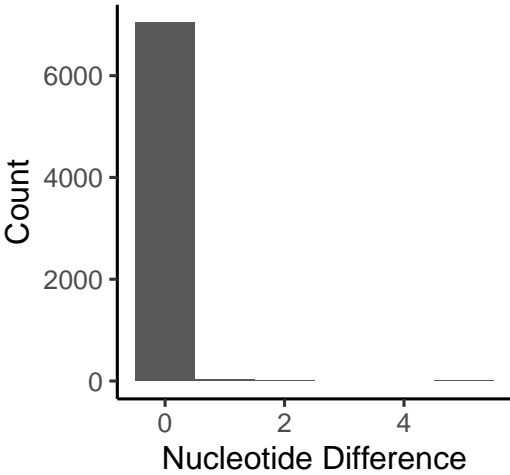
TRBV6-56\*ap01

6974 sequences assigned  
6875 (98.6%) exact matches, in which:  
6679 unique CDR3  
13 unique J



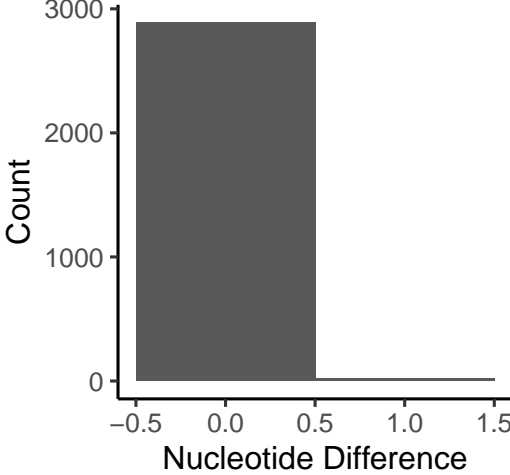
TRBV7-2\*ap01

7071 sequences assigned  
7040 (99.6%) exact matches, in which:  
6948 unique CDR3  
13 unique J



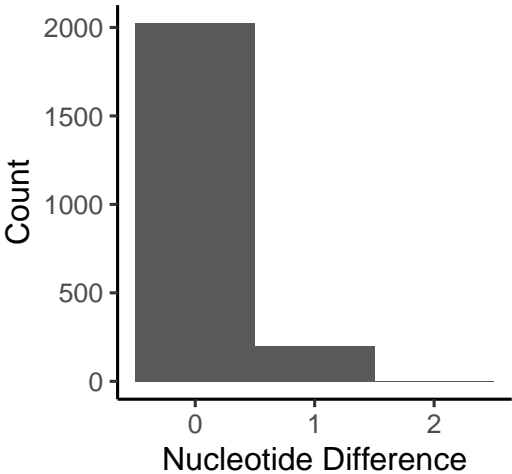
TRBV7-6\*ap01

2911 sequences assigned  
2888 (99.2%) exact matches, in which:  
2850 unique CDR3  
13 unique J



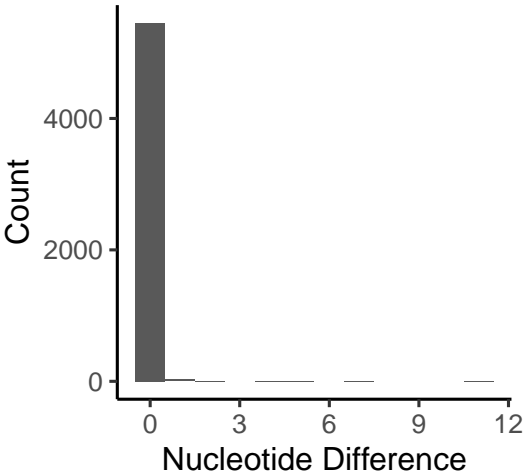
TRBV6-56\*ap02

2228 sequences assigned  
2025 (90.9%) exact matches, in which:  
1974 unique CDR3  
13 unique J



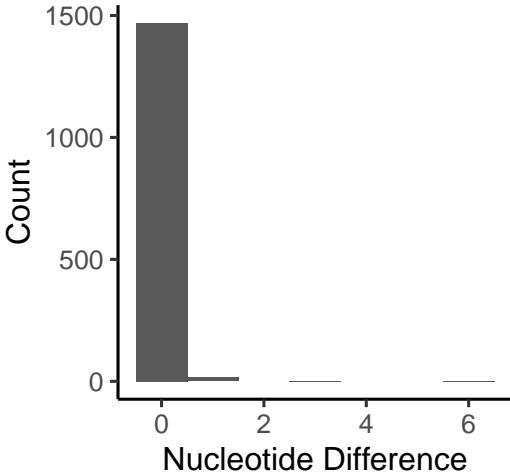
TRBV7-3\*ap01

5485 sequences assigned  
5452 (99.4%) exact matches, in which:  
5409 unique CDR3  
13 unique J



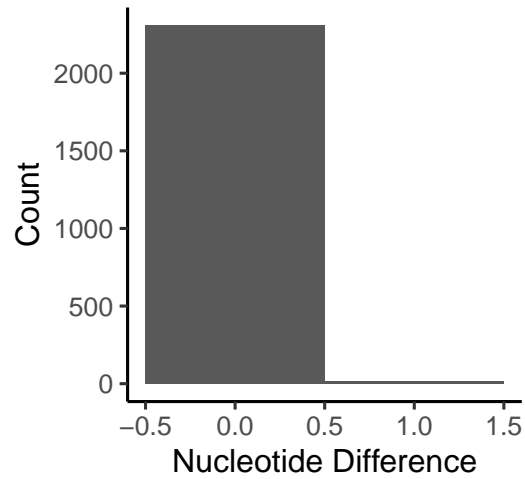
TRBV7-7\*ap01\_C315T

1487 sequences assigned  
1469 (98.8%) exact matches, in which:  
1450 unique CDR3  
13 unique J



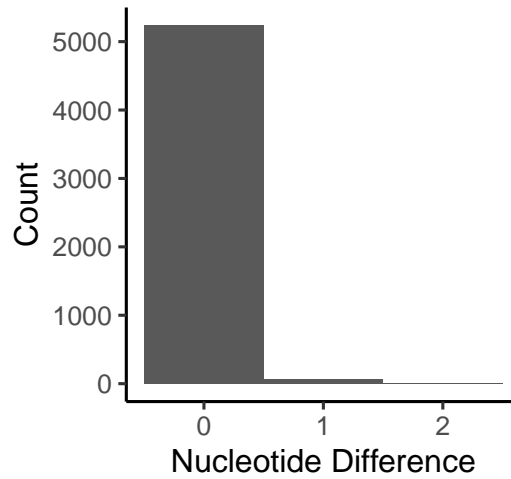
### TRBV7-8\*ap01

2327 sequences assigned  
2308 (99.2%) exact matches, in which:  
2275 unique CDR3  
13 unique J



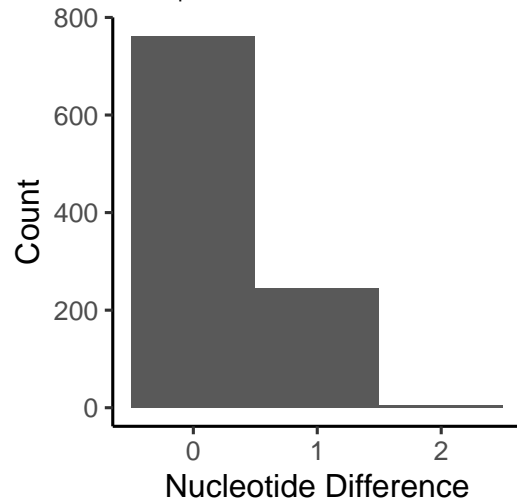
### TRBV29-1\*ap01

5311 sequences assigned  
5237 (98.6%) exact matches, in which:  
5072 unique CDR3  
13 unique J



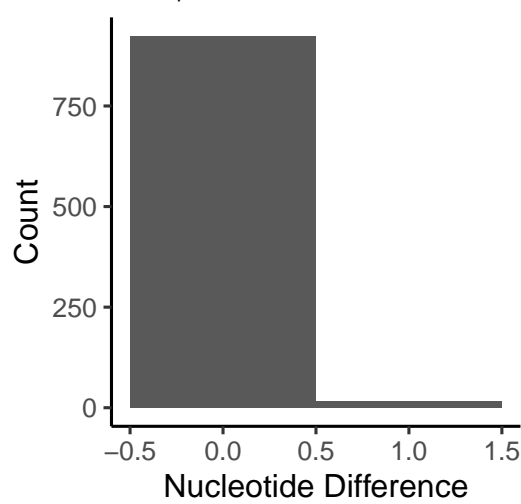
### TRBV7-8\*ap03

1012 sequences assigned  
762 (75.3%) exact matches, in which:  
747 unique CDR3  
13 unique J



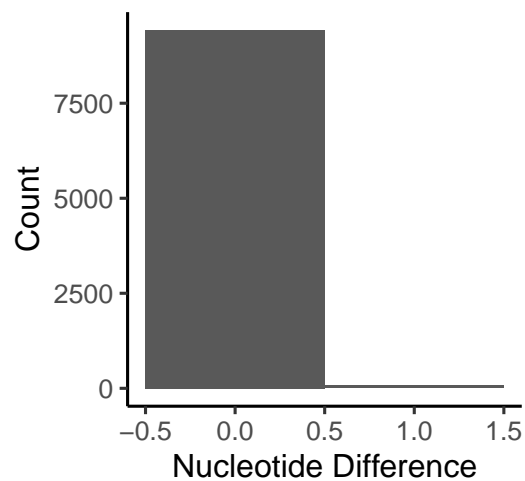
### TRBV29-1\*ap02

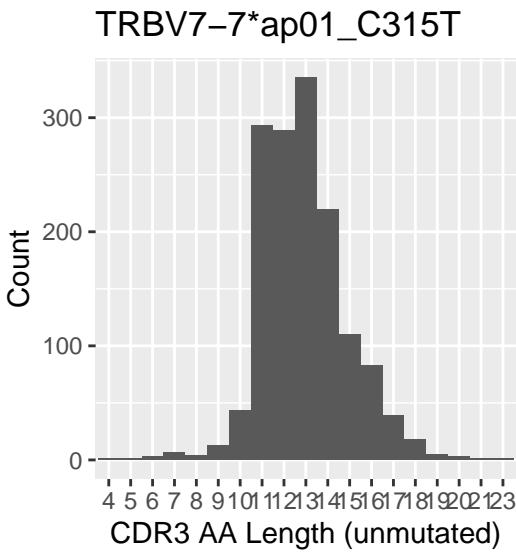
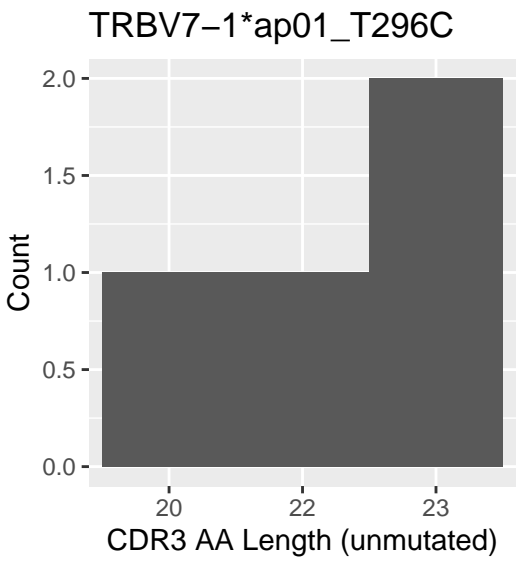
939 sequences assigned  
924 (98.4%) exact matches, in which:  
896 unique CDR3  
13 unique J



### TRBV7-9\*ap01

9496 sequences assigned  
9425 (99.3%) exact matches, in which:  
9309 unique CDR3  
13 unique J







Warning – no inferred sequences found.