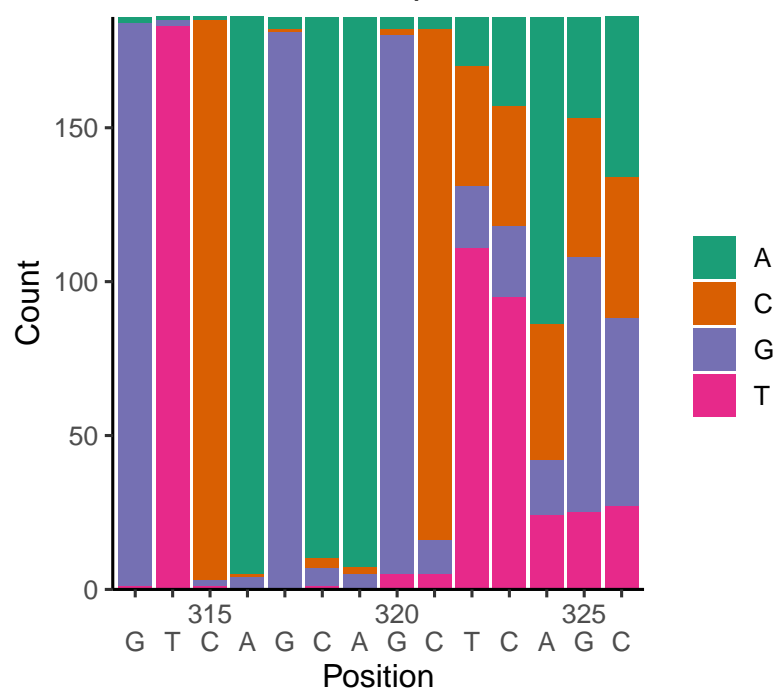
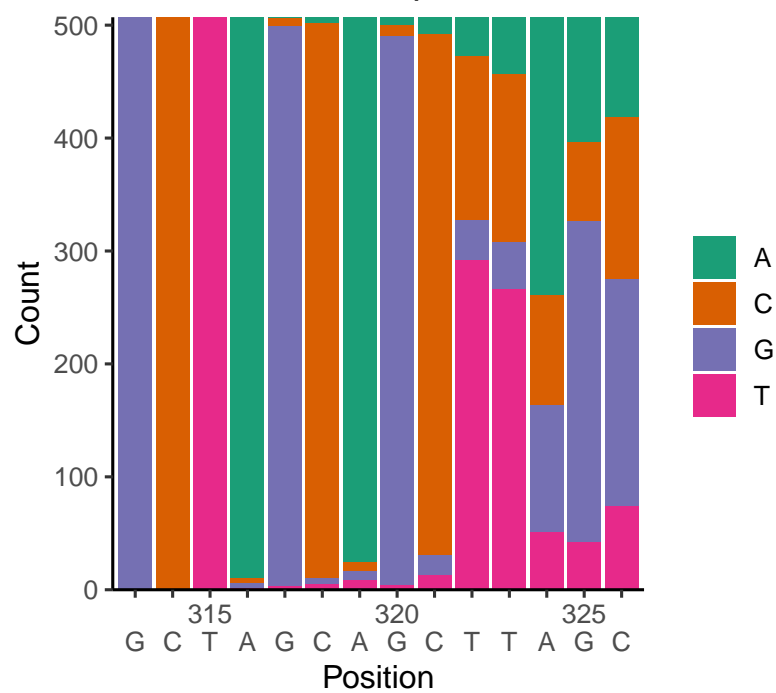


Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



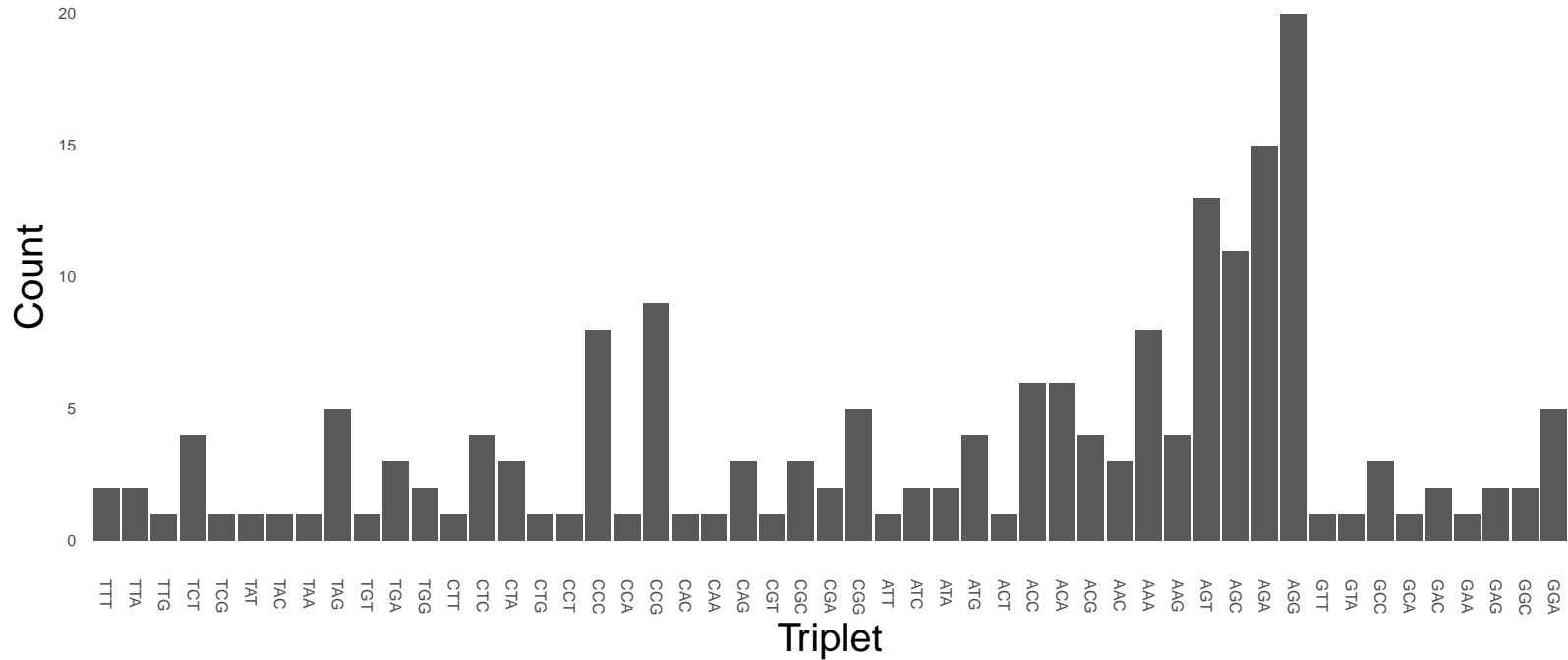
Gene TRBV7-7\*ap01\_C315T



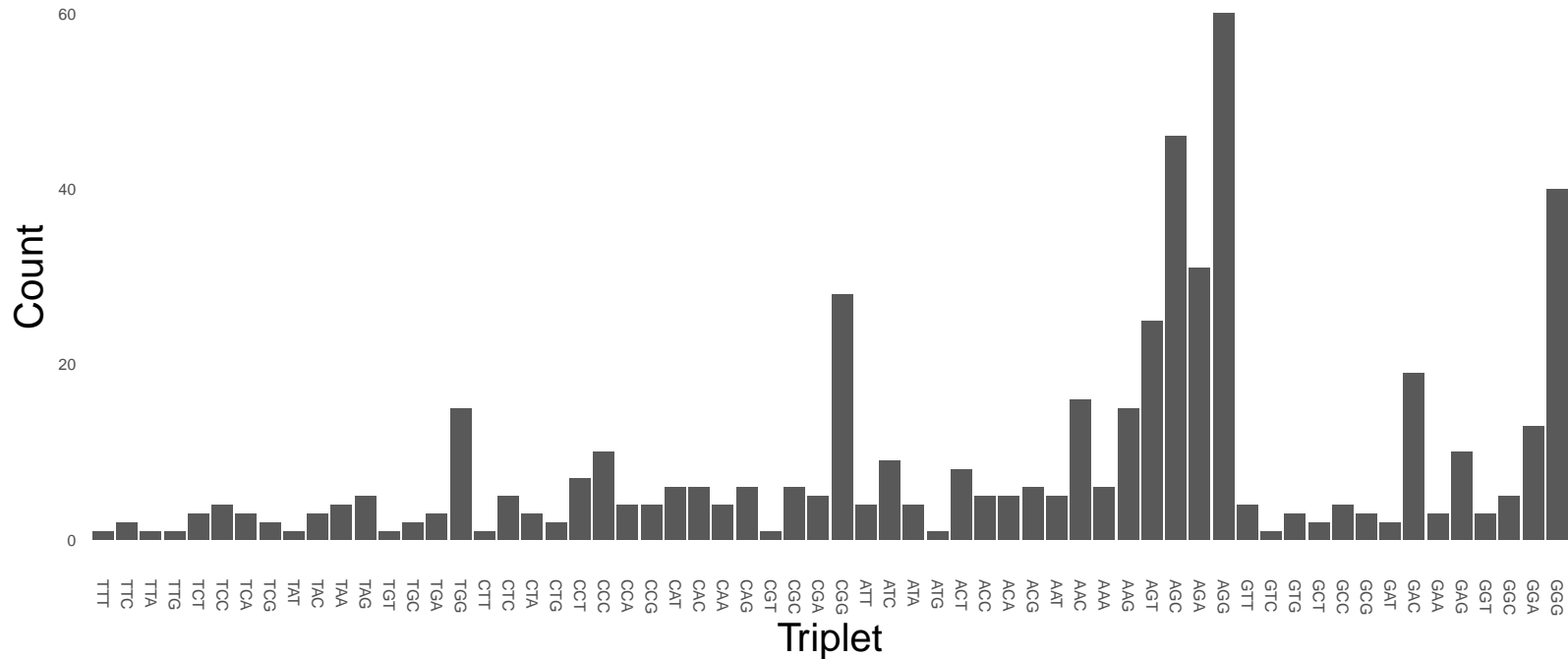
Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



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

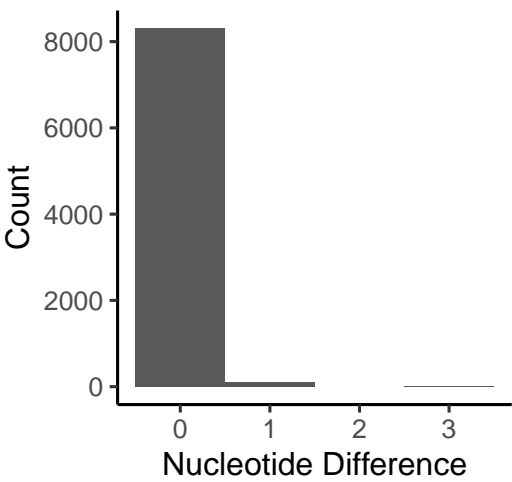


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



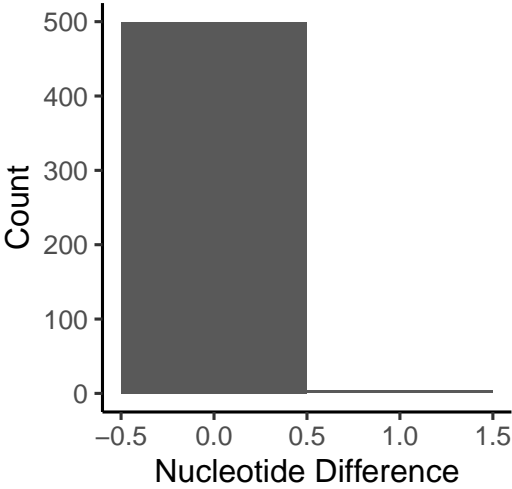
TRBV20-1\*ap01

8413 sequences assigned  
8306 (98.7%) exact matches, in which:  
8156 unique CDR3  
13 unique J



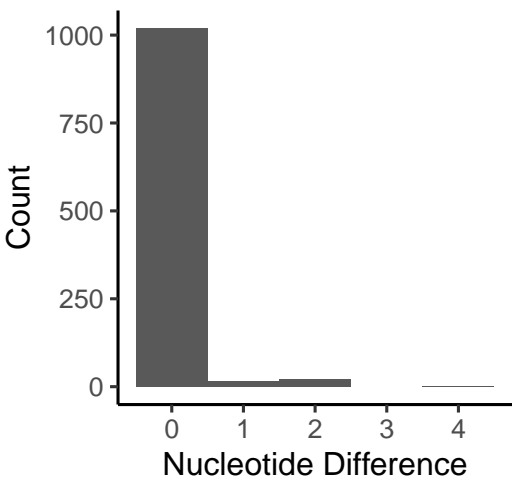
TRBV10-2\*ap01

504 sequences assigned  
500 (99.2%) exact matches, in which:  
484 unique CDR3  
13 unique J



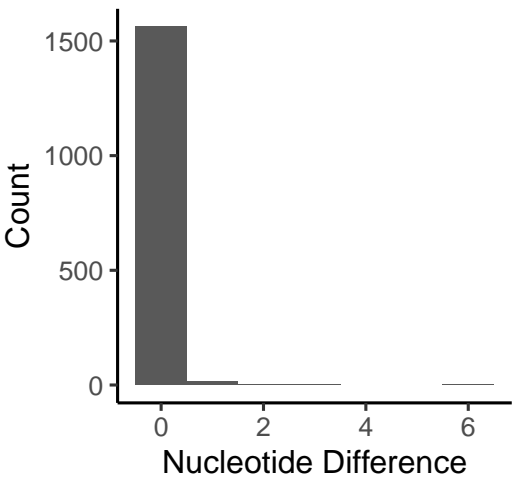
TRBV13\*ap01

1058 sequences assigned  
1019 (96.3%) exact matches, in which:  
992 unique CDR3  
13 unique J



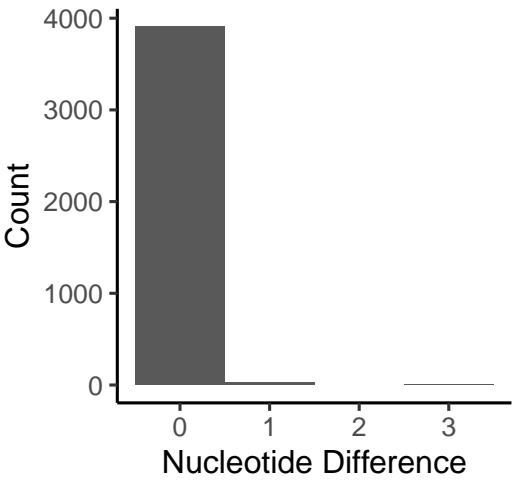
TRBV10-1\*ap01

1583 sequences assigned  
1562 (98.7%) exact matches, in which:  
1508 unique CDR3  
13 unique J



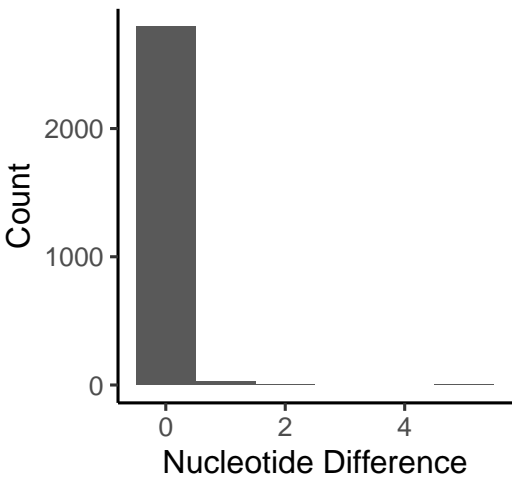
TRBV10-3\*ap01

3936 sequences assigned  
3907 (99.3%) exact matches, in which:  
3810 unique CDR3  
13 unique J



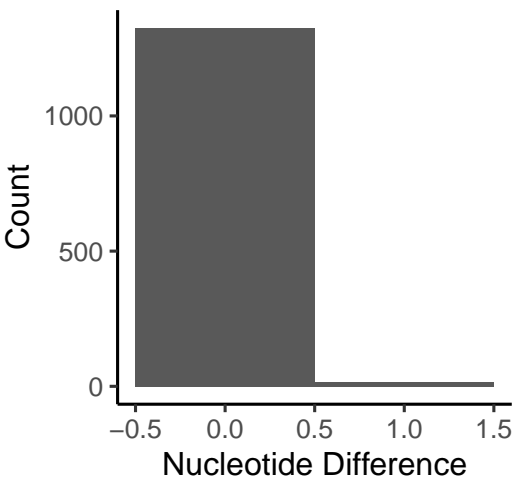
TRBV14\*ap01

2823 sequences assigned  
2794 (99%) exact matches, in which:  
2736 unique CDR3  
13 unique J



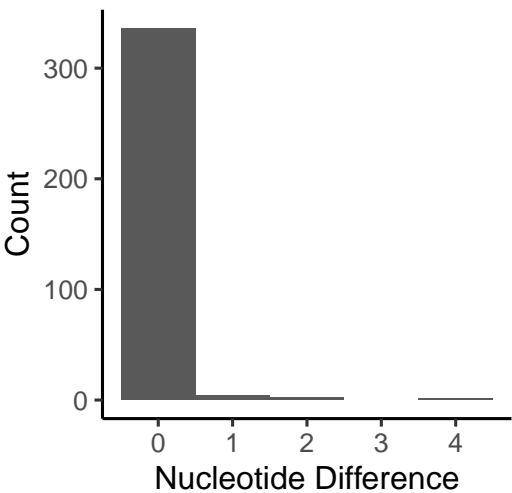
TRBV20-1\*ap02

1342 sequences assigned  
1325 (98.7%) exact matches, in which:  
1296 unique CDR3  
13 unique J



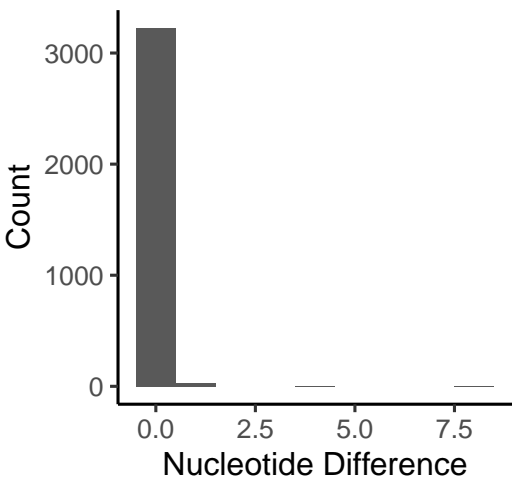
TRBV1\*ap01

343 sequences assigned  
336 (98%) exact matches, in which:  
330 unique CDR3  
13 unique J



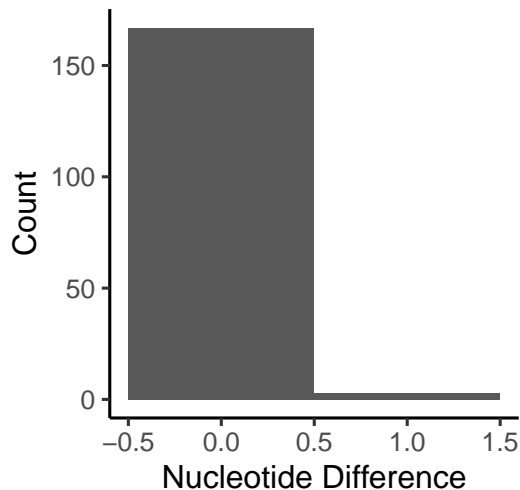
TRBV15\*ap02

3259 sequences assigned  
3225 (99%) exact matches, in which:  
3138 unique CDR3  
13 unique J



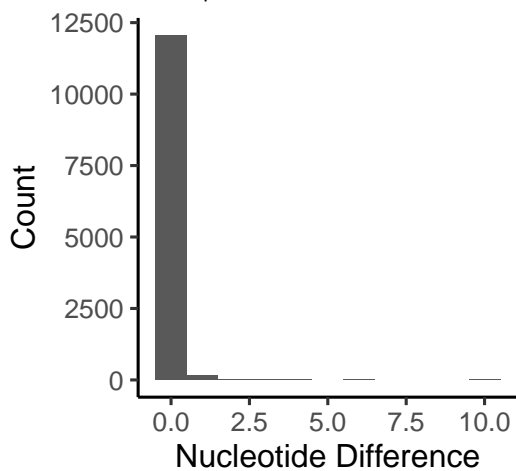
### TRBV16\*ap01

170 sequences assigned  
167 (98.2%) exact matches, in which:  
165 unique CDR3  
13 unique J



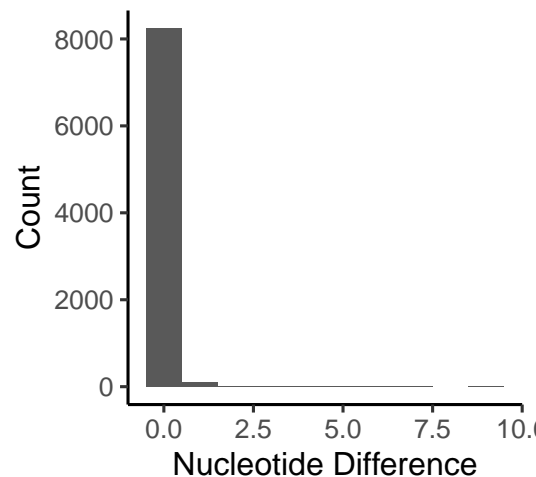
### TRBV19\*ap01

12217 sequences assigned  
12062 (98.7%) exact matches, in which:  
11890 unique CDR3  
13 unique J



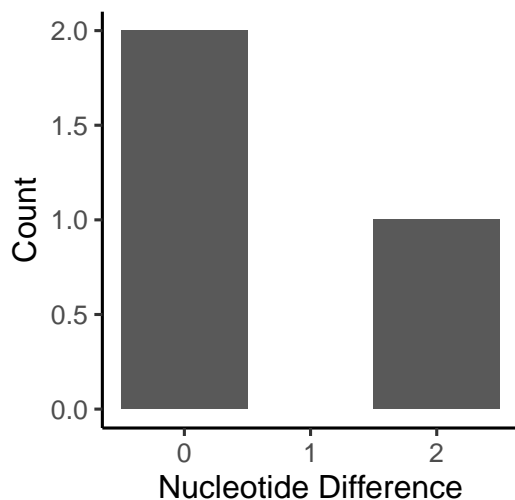
### TRBV27\*ap01

8367 sequences assigned  
8242 (98.5%) exact matches, in which:  
8041 unique CDR3  
13 unique J



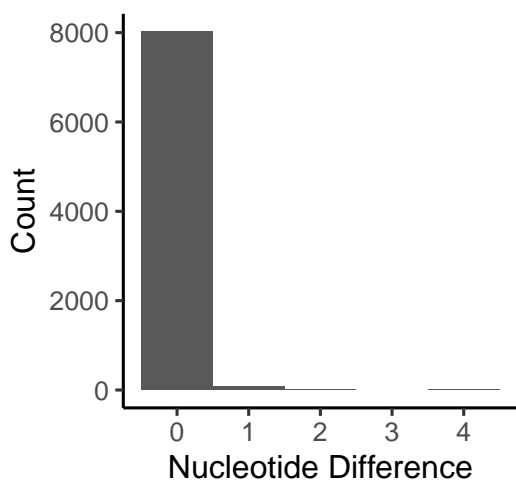
### TRBV17\*ap01

3 sequences assigned  
2 (66.7%) exact matches, in which:  
2 unique CDR3  
2 unique J



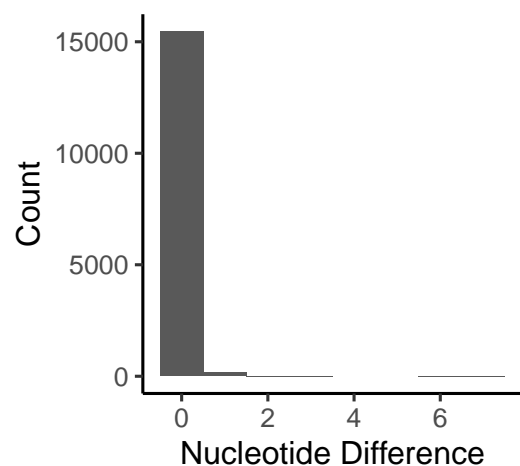
### TRBV2\*ap01

8114 sequences assigned  
8020 (98.8%) exact matches, in which:  
7863 unique CDR3  
13 unique J



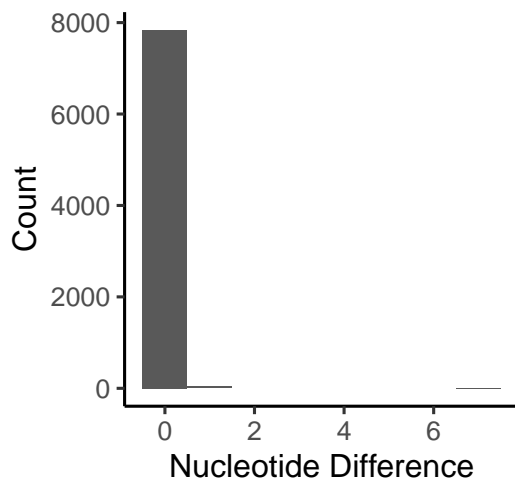
### TRBV28\*ap01

15638 sequences assigned  
15462 (98.9%) exact matches, in which:  
15159 unique CDR3  
13 unique J



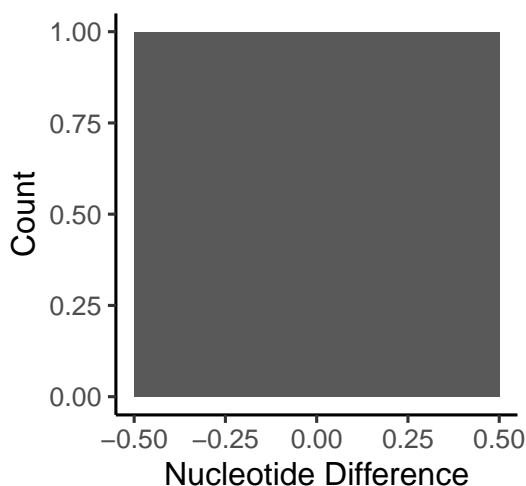
### TRBV18\*ap01

7881 sequences assigned  
7837 (99.4%) exact matches, in which:  
7731 unique CDR3  
13 unique J



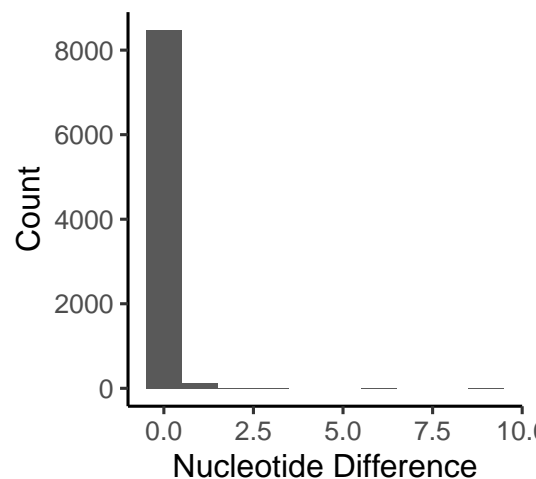
### TRBV26\*ap01

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



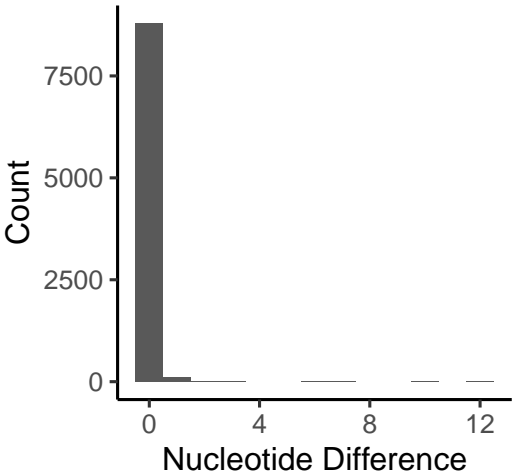
### TRBV30\*ap01

8608 sequences assigned  
8475 (98.5%) exact matches, in which:  
8370 unique CDR3  
13 unique J



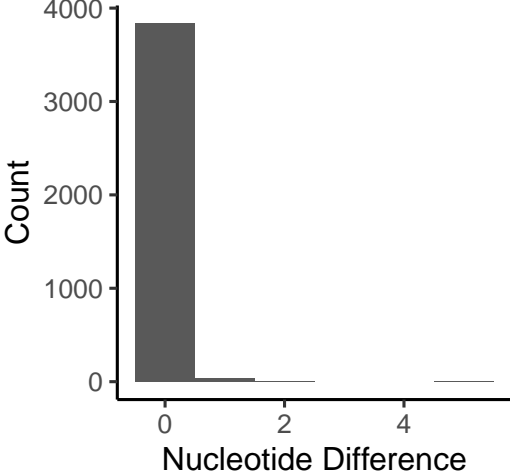
TRBV9\*ap01

8908 sequences assigned  
8788 (98.7%) exact matches, in which:  
8622 unique CDR3  
13 unique J



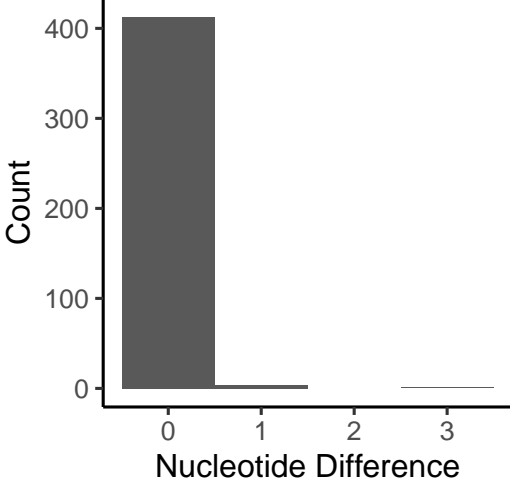
TRBV11-2\*ap01

3879 sequences assigned  
3836 (98.9%) exact matches, in which:  
3749 unique CDR3  
13 unique J



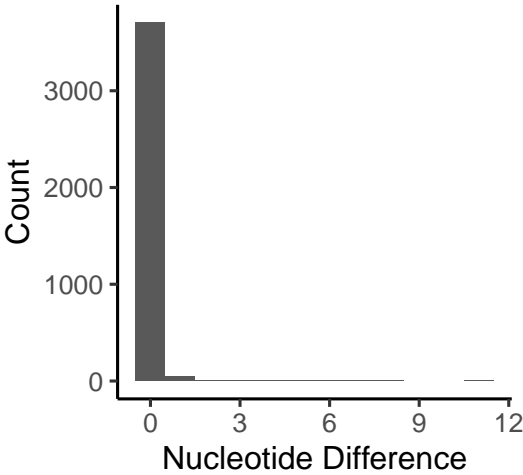
TRBV12-2\*ap01

418 sequences assigned  
413 (98.8%) exact matches, in which:  
401 unique CDR3  
13 unique J



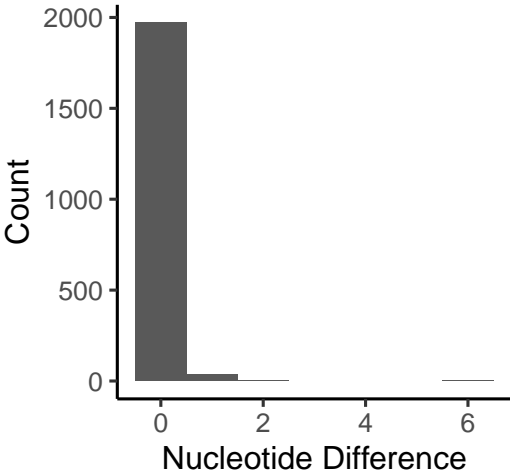
TRBV21-1\*ap01

3768 sequences assigned  
3703 (98.3%) exact matches, in which:  
3620 unique CDR3  
13 unique J



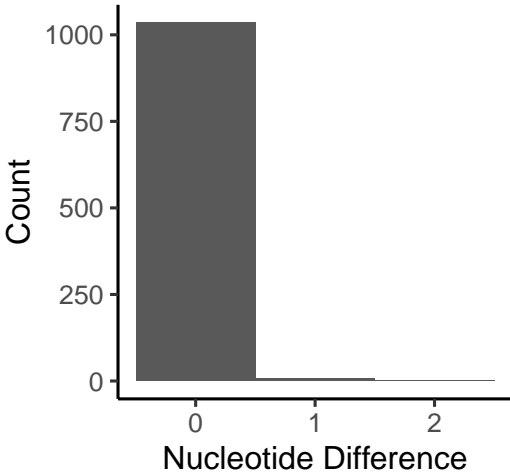
TRBV11-3\*ap01

2009 sequences assigned  
1971 (98.1%) exact matches, in which:  
1936 unique CDR3  
13 unique J



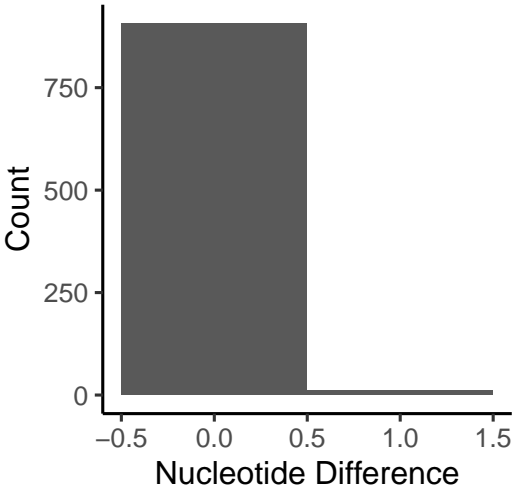
TRBV12-5\*ap01

1042 sequences assigned  
1035 (99.3%) exact matches, in which:  
1017 unique CDR3  
13 unique J



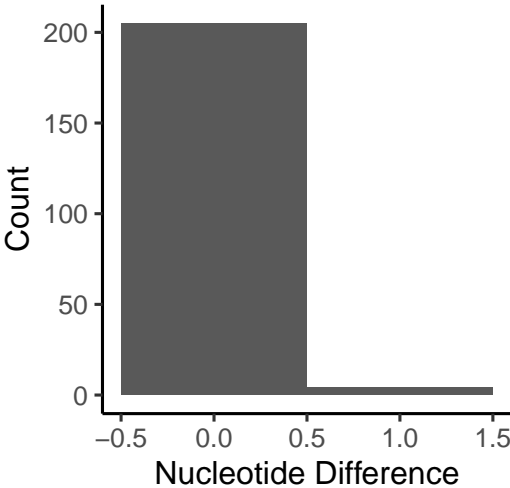
TRBV11-1\*ap01

918 sequences assigned  
907 (98.8%) exact matches, in which:  
884 unique CDR3  
13 unique J



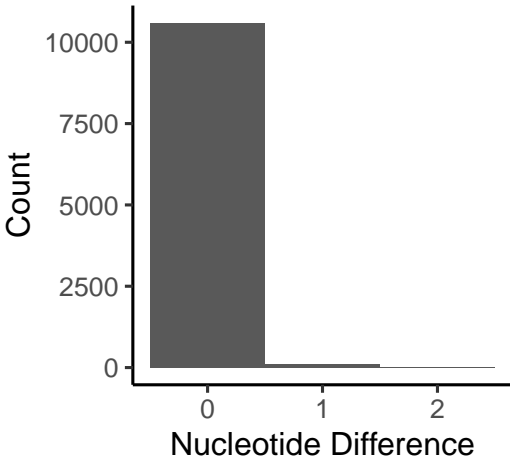
TRBV12-1\*ap01

209 sequences assigned  
205 (98.1%) exact matches, in which:  
198 unique CDR3  
13 unique J



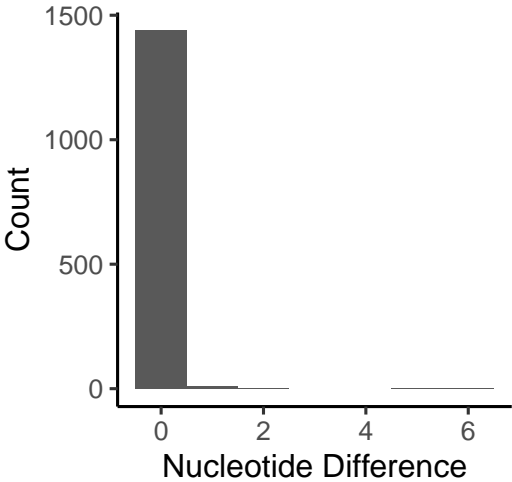
TRBV12-34\*ap01

10713 sequences assigned  
10599 (98.9%) exact matches, in which:  
10412 unique CDR3  
13 unique J



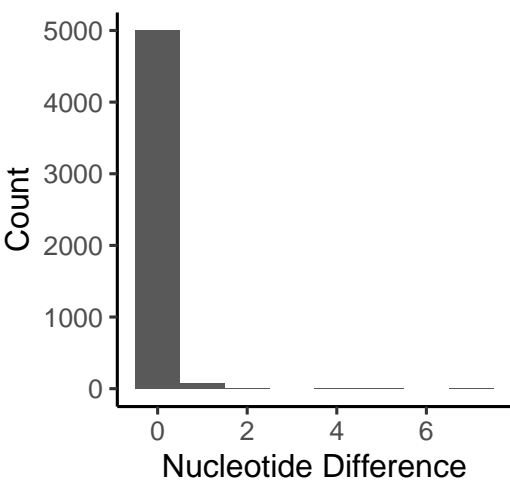
TRBV23-1\*ap01

1455 sequences assigned  
1439 (98.9%) exact matches, in which:  
1410 unique CDR3  
13 unique J



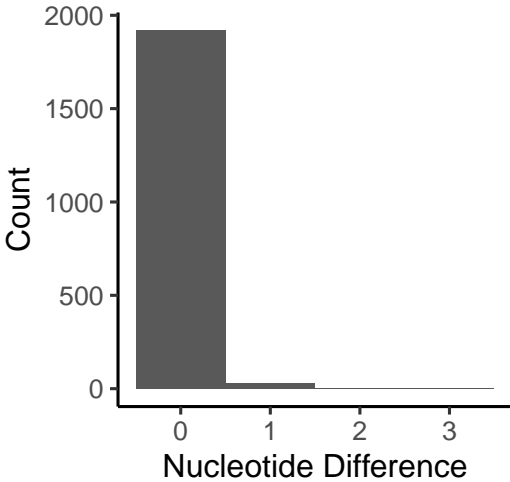
TRBV24-1\*ap01

5080 sequences assigned  
5001 (98.4%) exact matches, in which:  
4905 unique CDR3  
13 unique J



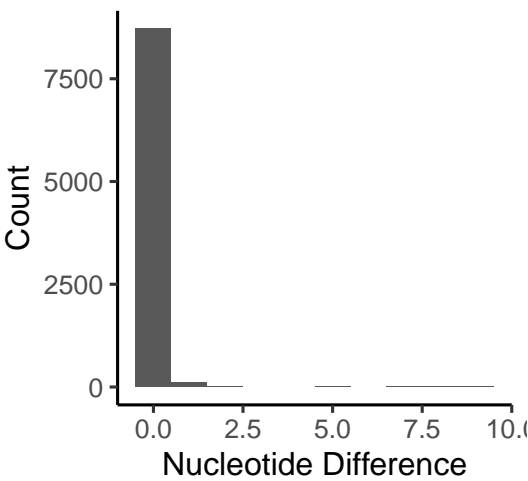
TRBV25-1\*ap01

1952 sequences assigned  
1919 (98.3%) exact matches, in which:  
1885 unique CDR3  
13 unique J



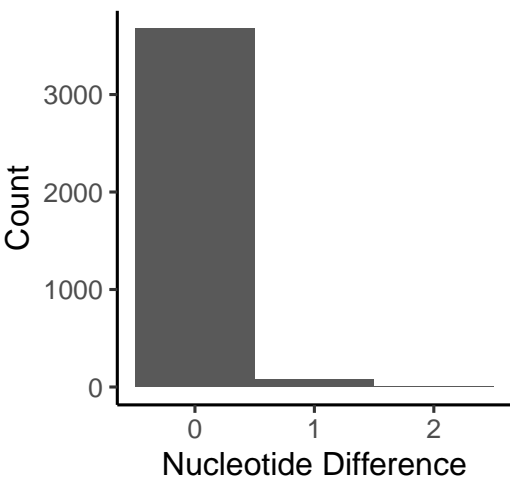
TRBV3-12\*ap01

8830 sequences assigned  
8717 (98.7%) exact matches, in which:  
8508 unique CDR3  
13 unique J



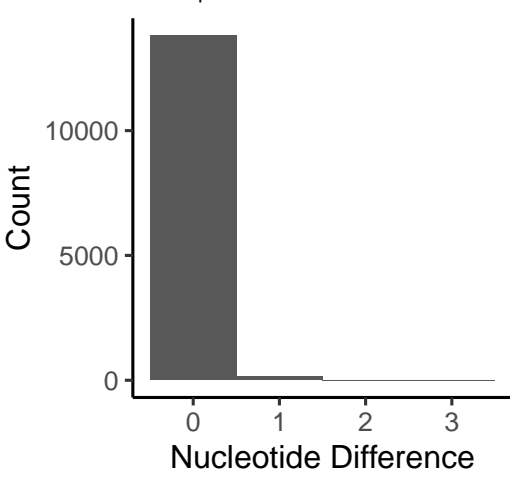
TRBV4-2\*ap01

3751 sequences assigned  
3675 (98%) exact matches, in which:  
3603 unique CDR3  
13 unique J



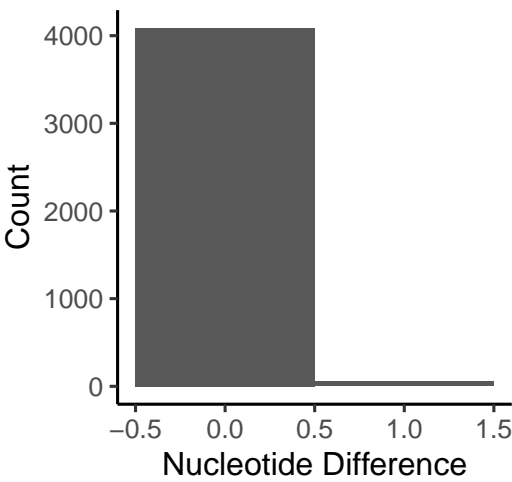
TRBV5-1\*ap01

13975 sequences assigned  
13812 (98.8%) exact matches, in which:  
13441 unique CDR3  
13 unique J



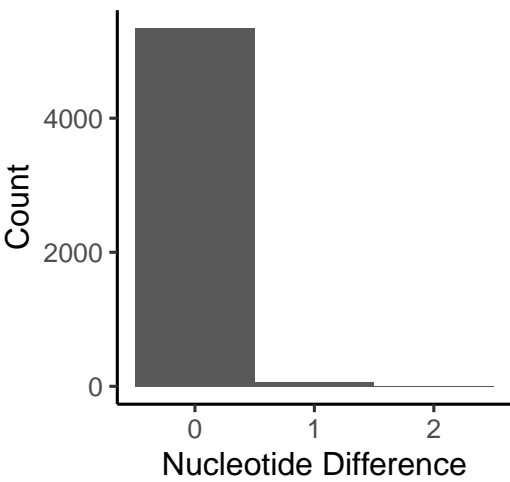
TRBV4-1\*ap01

4143 sequences assigned  
4087 (98.6%) exact matches, in which:  
4008 unique CDR3  
13 unique J



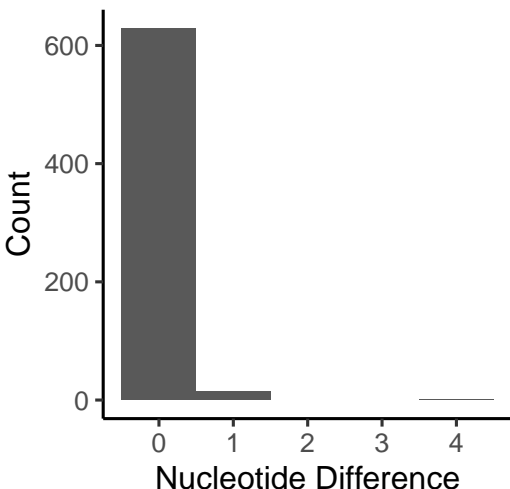
TRBV4-3\*ap01

5417 sequences assigned  
5345 (98.7%) exact matches, in which:  
5225 unique CDR3  
13 unique J



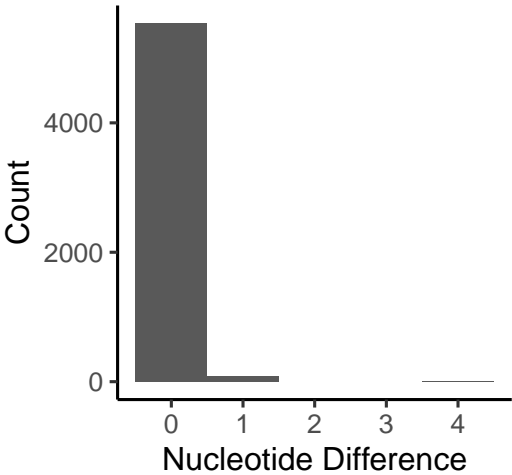
TRBV5-3\*ap01

644 sequences assigned  
629 (97.7%) exact matches, in which:  
616 unique CDR3  
13 unique J



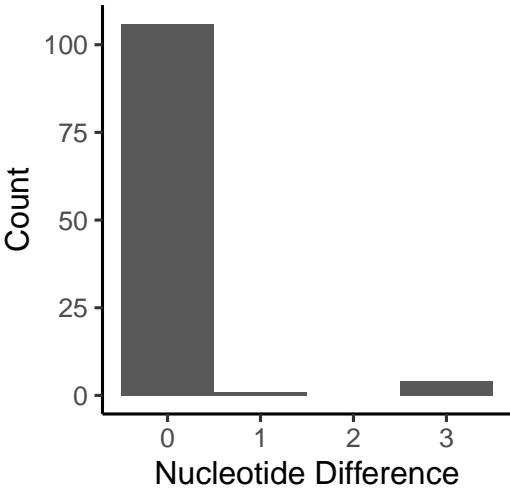
TRBV5-4\*ap01

5626 sequences assigned  
5537 (98.4%) exact matches, in which:  
5387 unique CDR3  
13 unique J



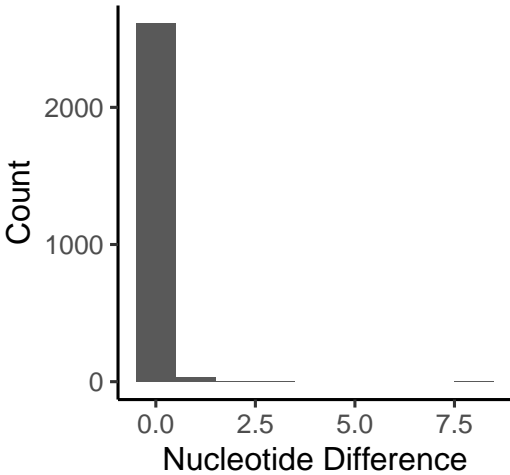
TRBV5-7\*ap01

111 sequences assigned  
106 (95.5%) exact matches, in which:  
104 unique CDR3  
13 unique J



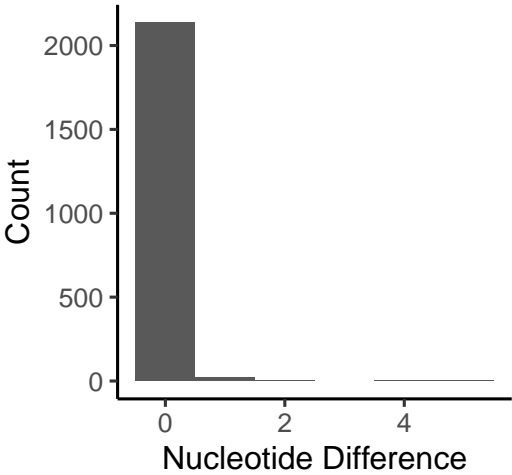
TRBV6-4\*ap01

2655 sequences assigned  
2612 (98.4%) exact matches, in which:  
2571 unique CDR3  
13 unique J



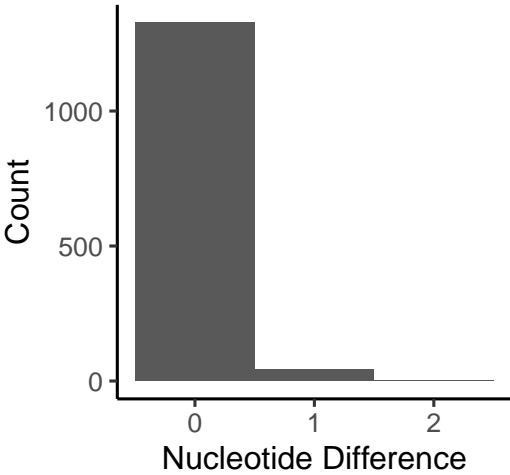
TRBV5-5\*ap01

2164 sequences assigned  
2136 (98.7%) exact matches, in which:  
2098 unique CDR3  
13 unique J



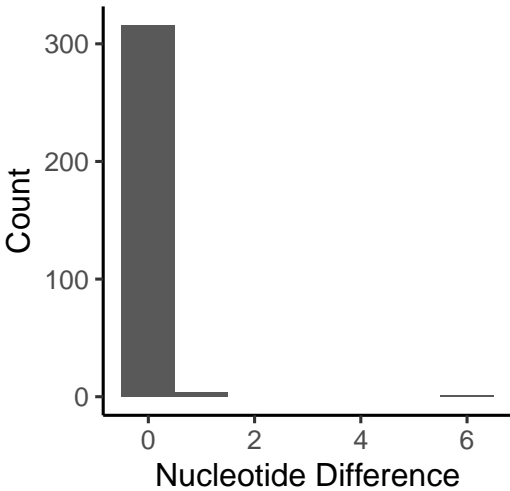
TRBV5-8\*ap01

1373 sequences assigned  
1327 (96.6%) exact matches, in which:  
1305 unique CDR3  
13 unique J



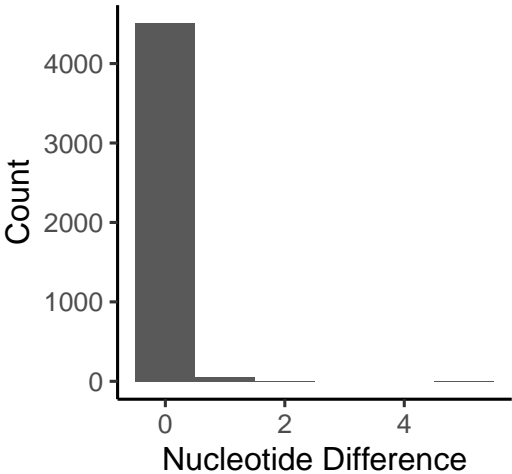
TRBV6-7\*ap01

321 sequences assigned  
316 (98.4%) exact matches, in which:  
309 unique CDR3  
13 unique J



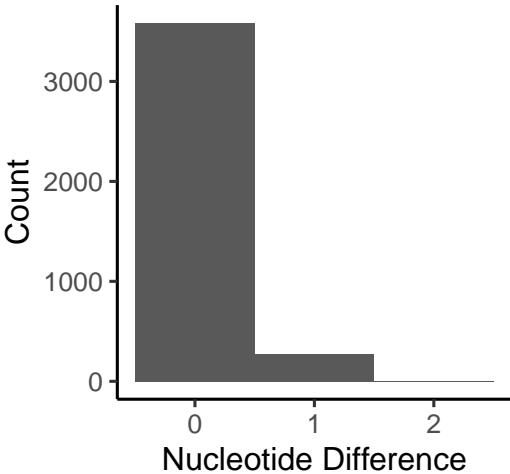
TRBV5-6\*ap01

4570 sequences assigned  
4510 (98.7%) exact matches, in which:  
4394 unique CDR3  
13 unique J



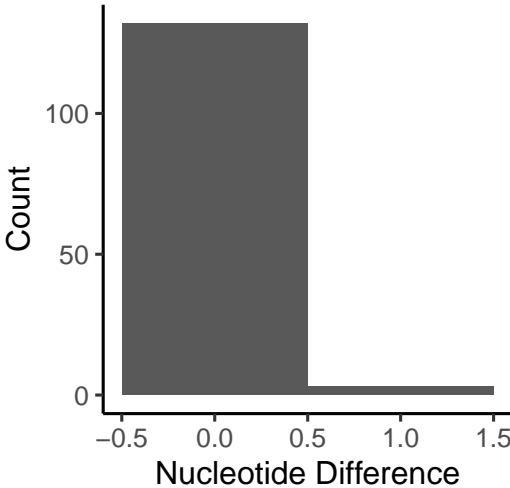
TRBV6-1\*ap01

3860 sequences assigned  
3584 (92.8%) exact matches, in which:  
3509 unique CDR3  
13 unique J



TRBV6-8\*ap01

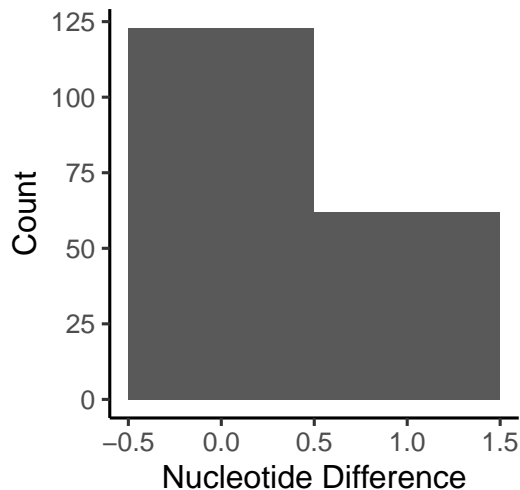
135 sequences assigned  
132 (97.8%) exact matches, in which:  
127 unique CDR3  
12 unique J





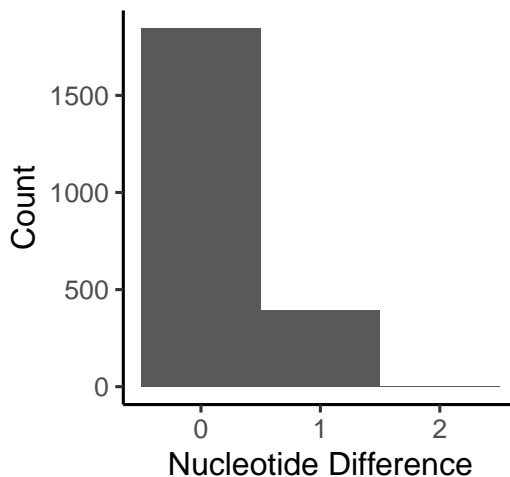
### TRBV6-9\*ap01

185 sequences assigned  
123 (66.5%) exact matches, in which:  
120 unique CDR3  
13 unique J



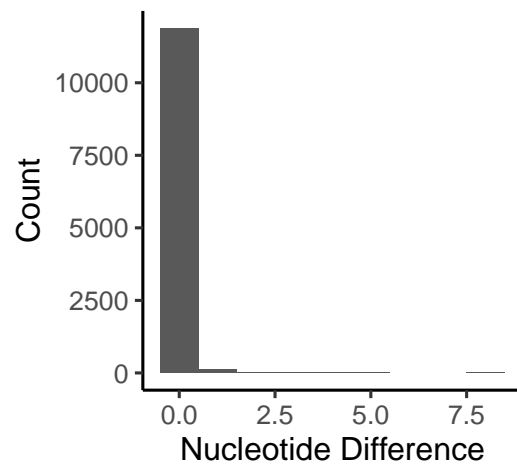
### TRBV6-56\*ap02

2242 sequences assigned  
1845 (82.3%) exact matches, in which:  
1803 unique CDR3  
13 unique J



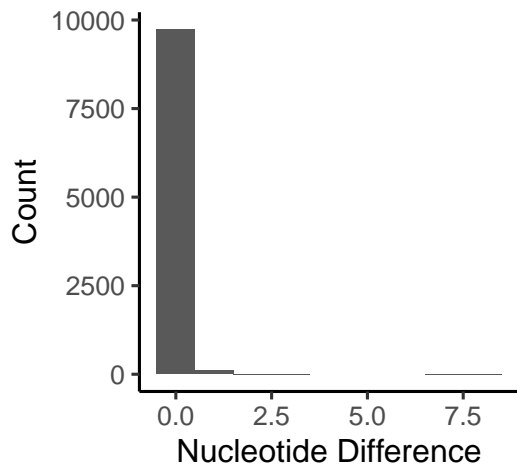
### TRBV7-2\*ap01

12007 sequences assigned  
11882 (99%) exact matches, in which:  
11639 unique CDR3  
13 unique J



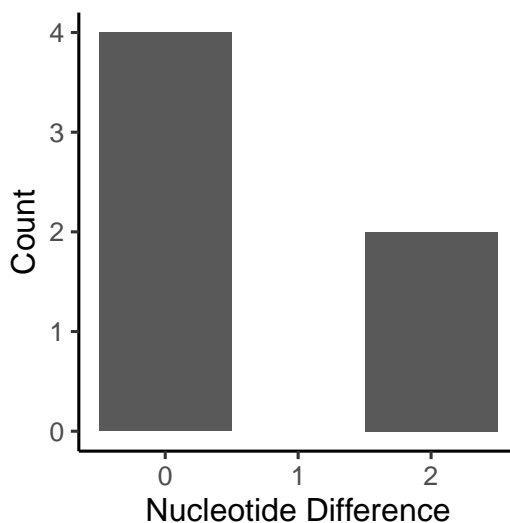
### TRBV6-23\*ap01

9857 sequences assigned  
9733 (98.7%) exact matches, in which:  
9508 unique CDR3  
13 unique J



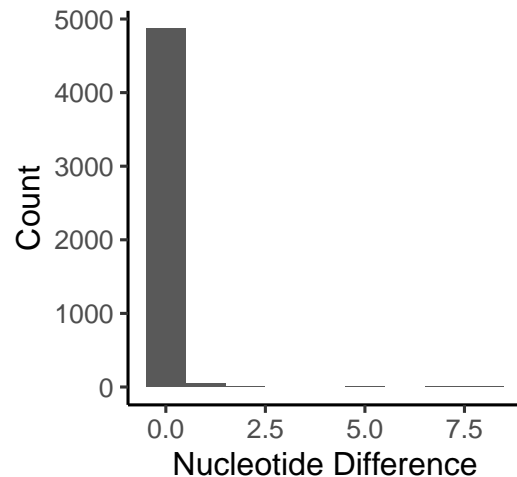
### TRBV7-1\*ap01

6 sequences assigned  
4 (66.7%) exact matches, in which:  
4 unique CDR3  
4 unique J



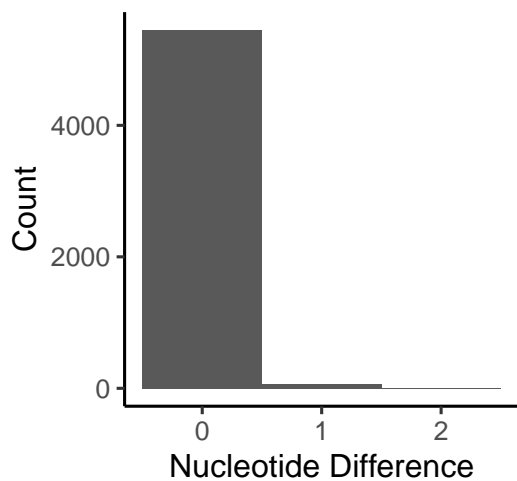
### TRBV7-3\*ap01

4922 sequences assigned  
4868 (98.9%) exact matches, in which:  
4782 unique CDR3  
13 unique J



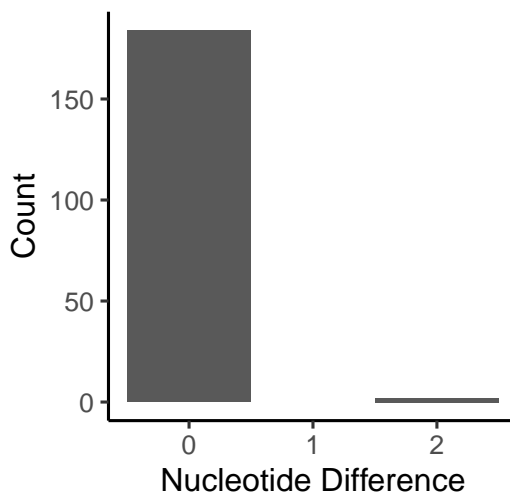
### TRBV6-56\*ap01

5514 sequences assigned  
5450 (98.8%) exact matches, in which:  
5330 unique CDR3  
13 unique J



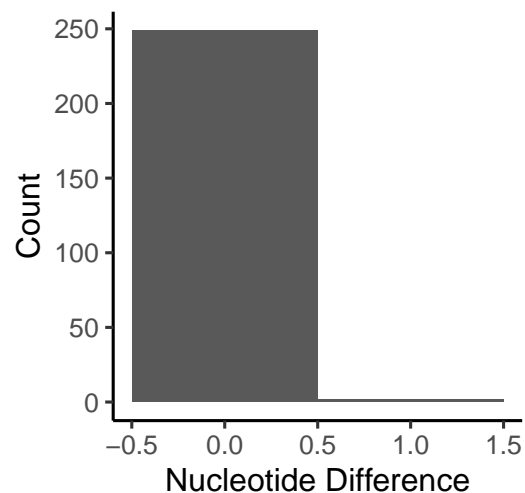
### TRBV7-1\*ap01\_G291C\_

186 sequences assigned  
184 (98.9%) exact matches, in which:  
182 unique CDR3  
13 unique J



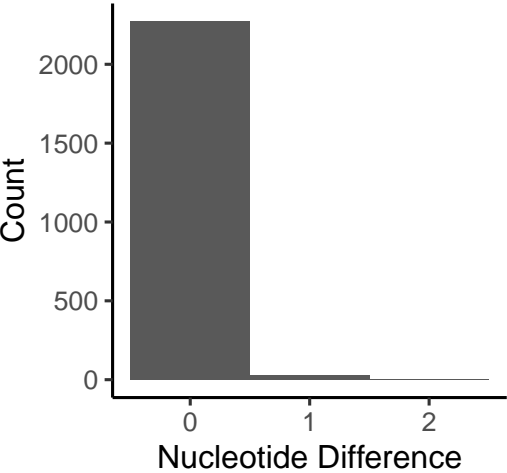
### TRBV7-4\*ap01

251 sequences assigned  
249 (99.2%) exact matches, in which:  
239 unique CDR3  
13 unique J



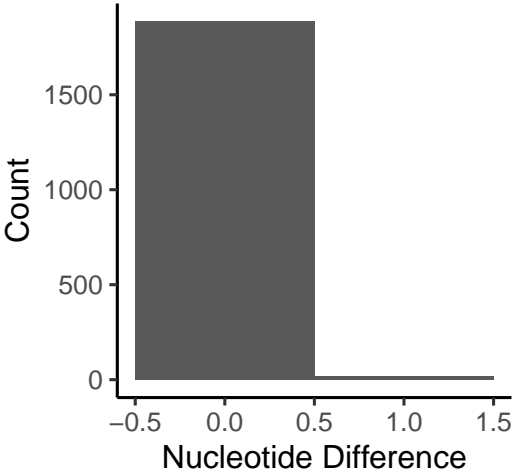
TRBV7-6\*ap01

2299 sequences assigned  
2272 (98.8%) exact matches, in which:  
2227 unique CDR3  
13 unique J



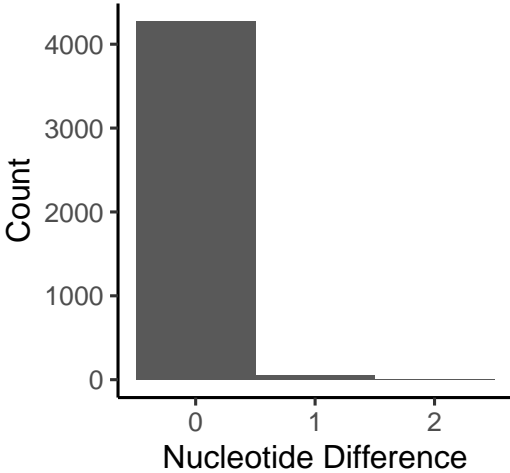
TRBV7-8\*ap01

1907 sequences assigned  
1886 (98.9%) exact matches, in which:  
1847 unique CDR3  
13 unique J



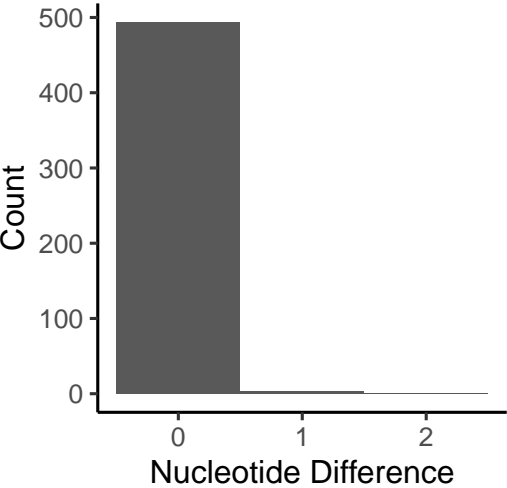
TRBV29-1\*ap01

4330 sequences assigned  
4272 (98.7%) exact matches, in which:  
4192 unique CDR3  
13 unique J



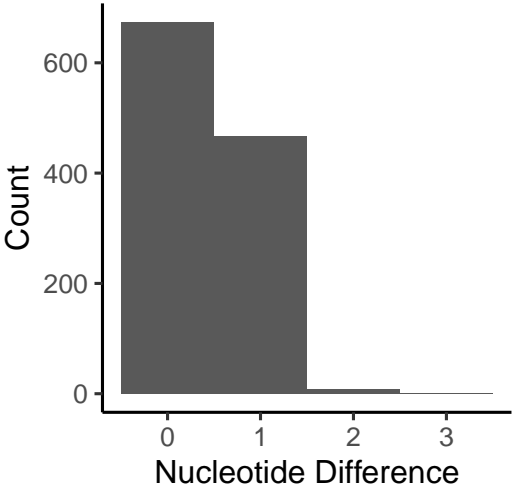
TRBV7-7\*ap01

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



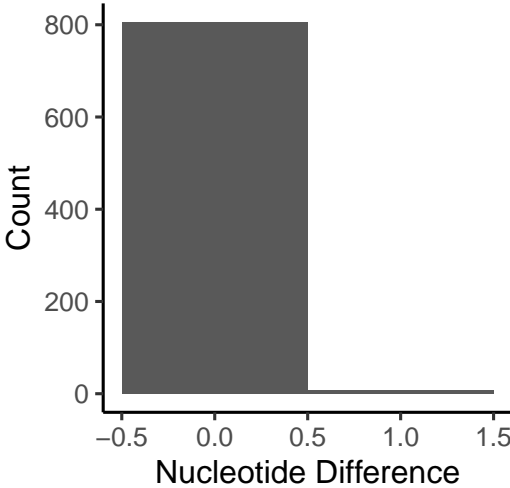
TRBV7-8\*ap03

1149 sequences assigned  
674 (58.7%) exact matches, in which:  
659 unique CDR3  
13 unique J



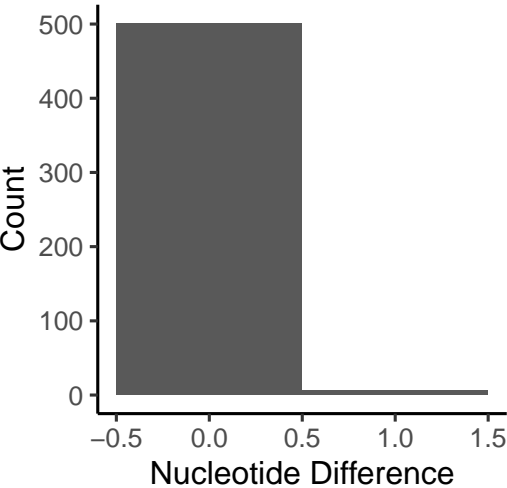
TRBV29-1\*ap02

814 sequences assigned  
806 (99%) exact matches, in which:  
797 unique CDR3  
13 unique J



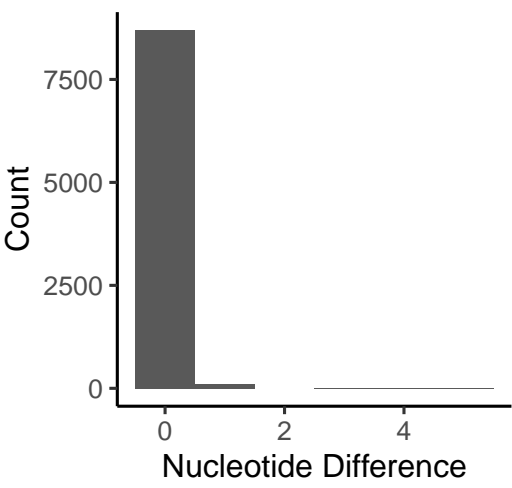
TRBV7-7\*ap01\_C315T

507 sequences assigned  
501 (98.8%) exact matches, in which:  
489 unique CDR3  
13 unique J

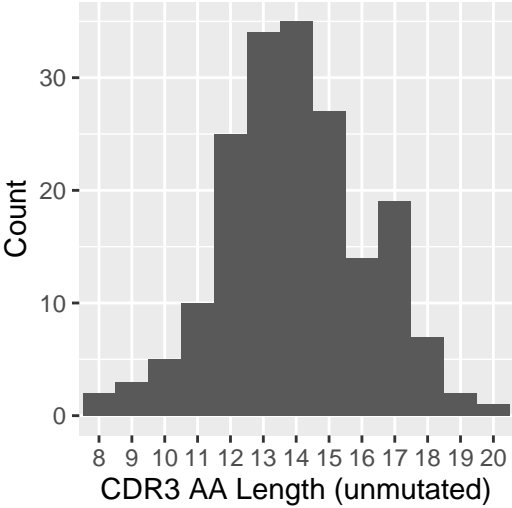


TRBV7-9\*ap01

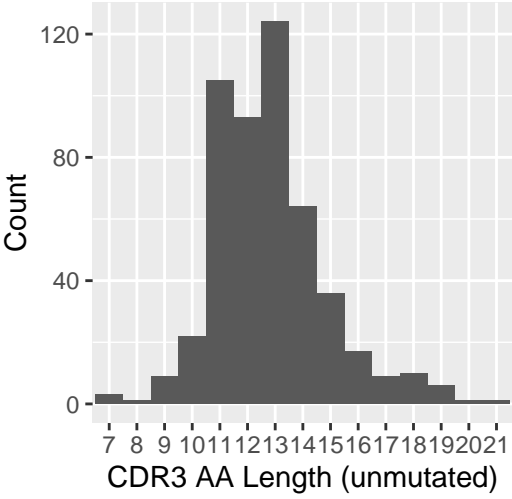
8808 sequences assigned  
8699 (98.8%) exact matches, in which:  
8531 unique CDR3  
13 unique J



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



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.