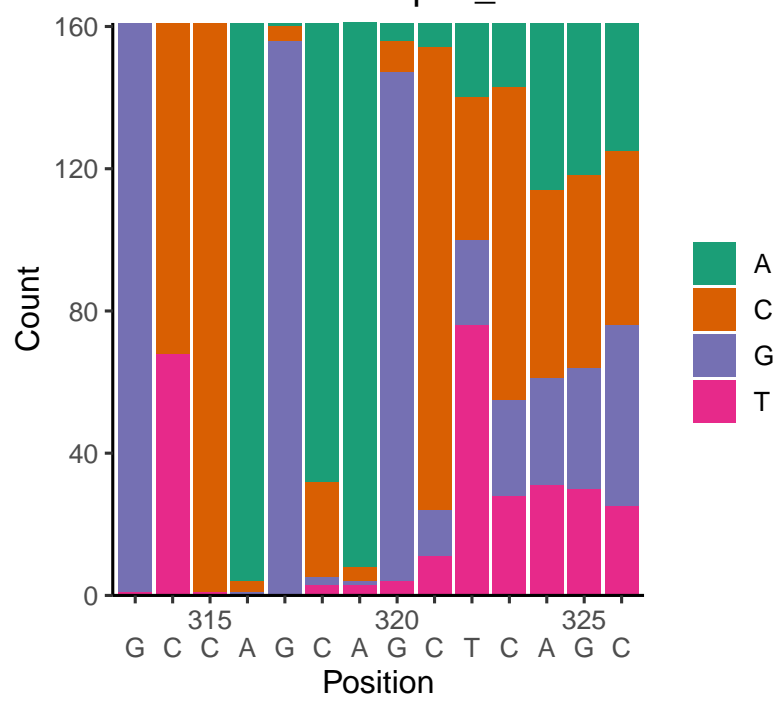
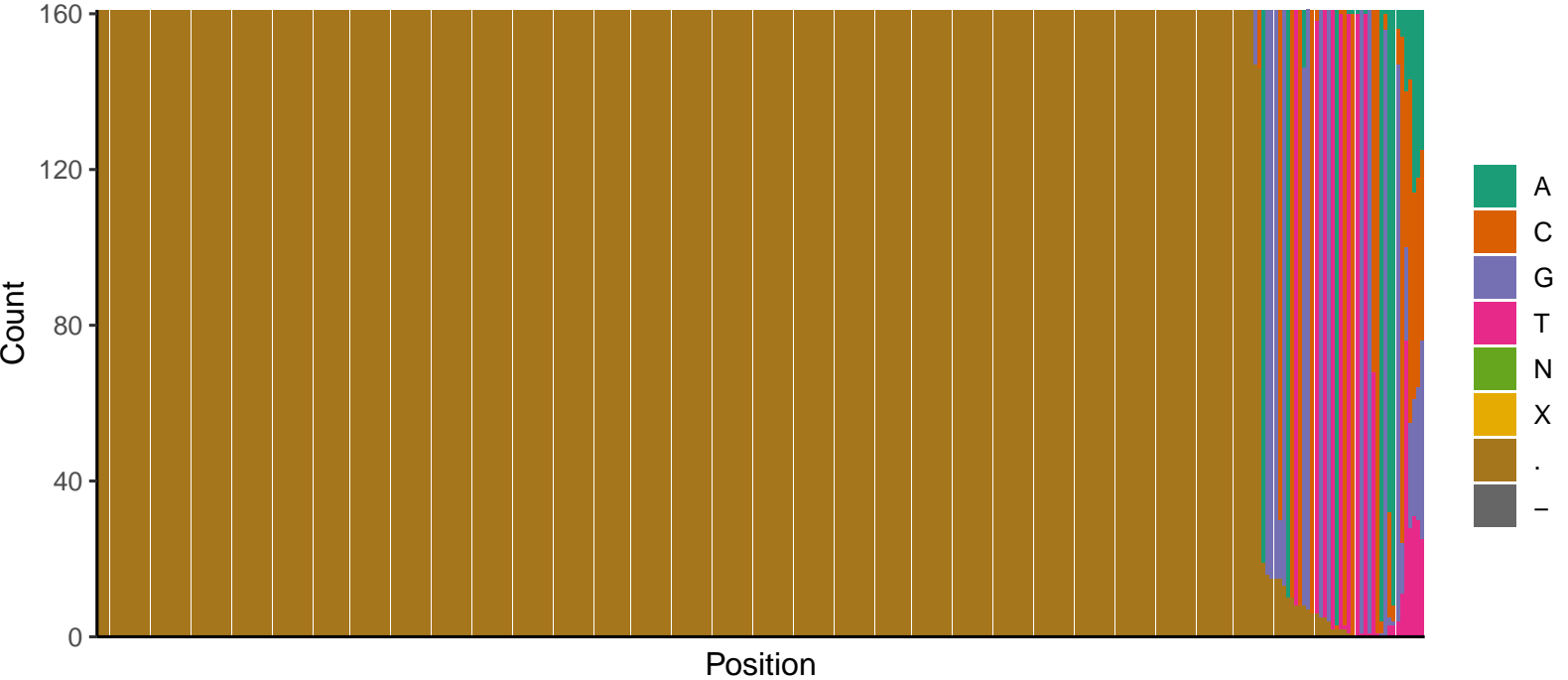


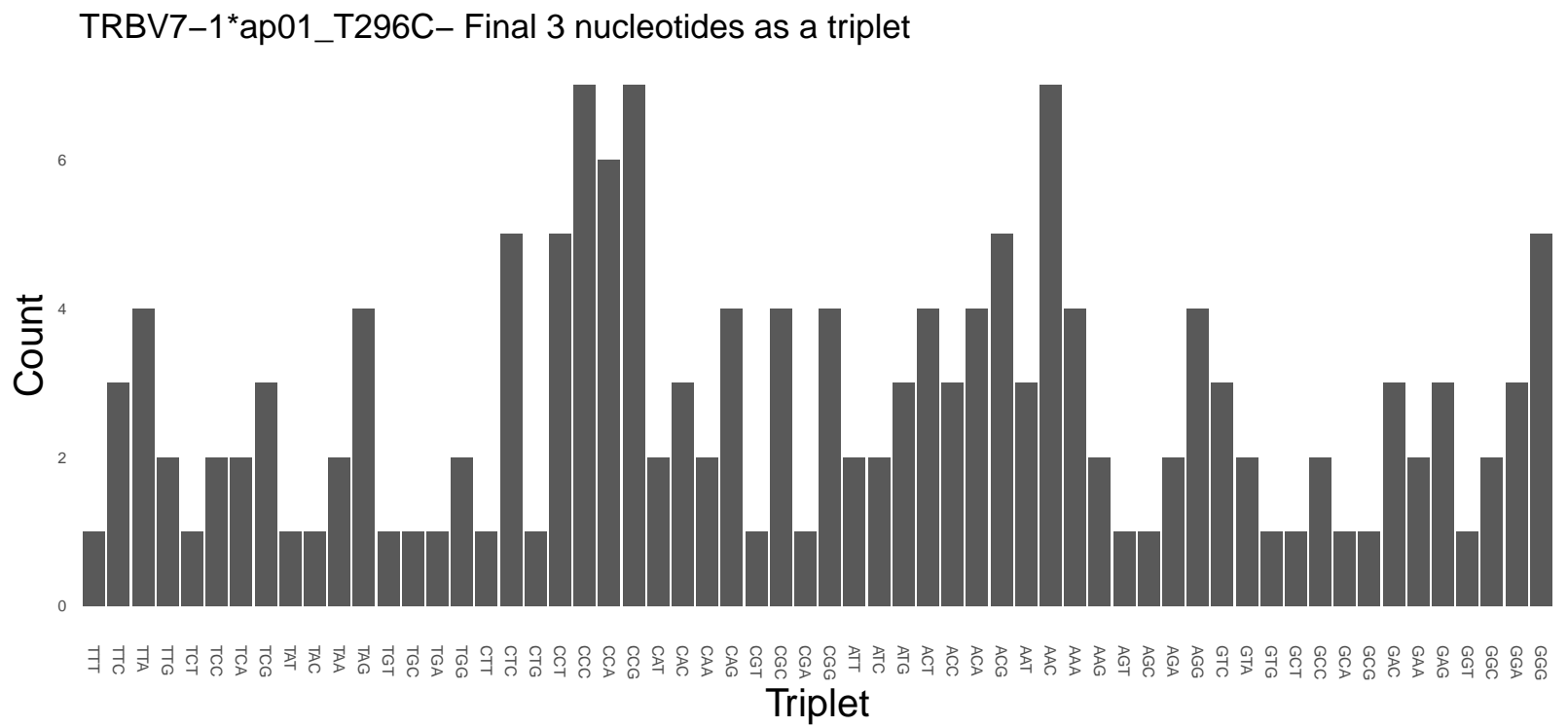
# Gene TRBV7-1\*ap01\_T296C



Gene TRBV7-1\*ap01\_T296C

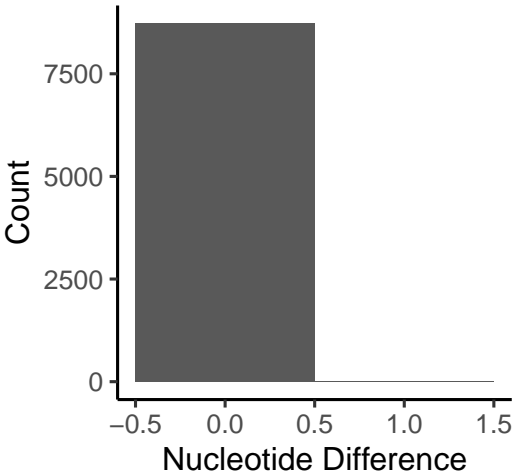


TRBV7-1\*ap01\_T296C- Final 3 nucleotides as a triplet



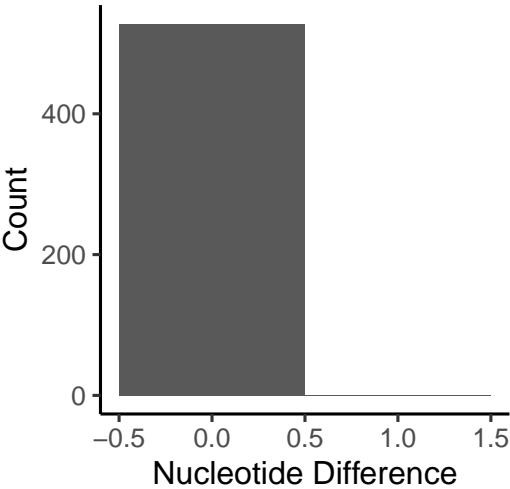
TRBV20-1\*ap01

8739 sequences assigned  
8727 (99.9%) exact matches, in which:  
8722 unique CDR3  
13 unique J



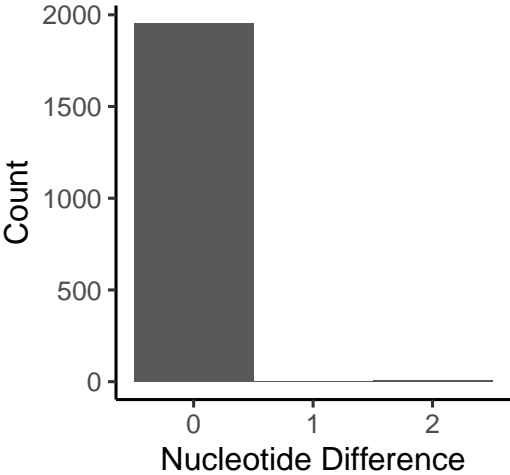
TRBV10-2\*ap01

529 sequences assigned  
528 (99.8%) exact matches, in which:  
528 unique CDR3  
13 unique J



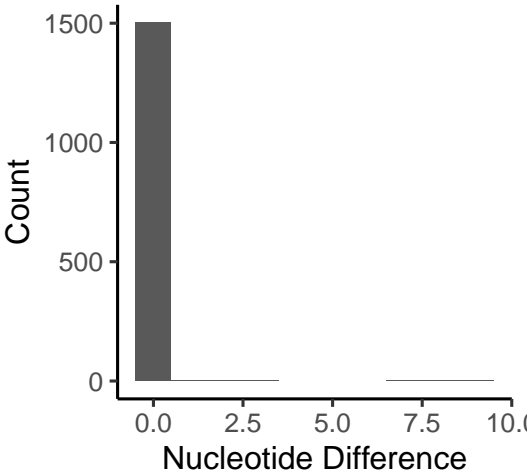
TRBV13\*ap01

1967 sequences assigned  
1953 (99.3%) exact matches, in which:  
1953 unique CDR3  
13 unique J



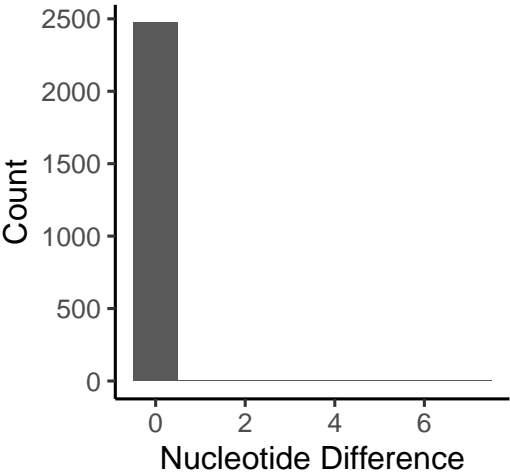
TRBV10-1\*ap01

1511 sequences assigned  
1502 (99.4%) exact matches, in which:  
1502 unique CDR3  
13 unique J



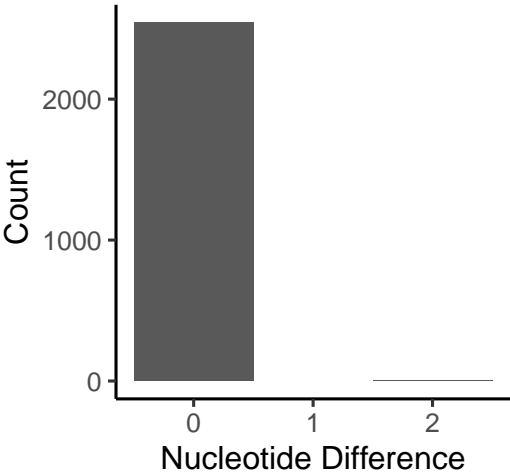
TRBV10-3\*ap01

2490 sequences assigned  
2473 (99.3%) exact matches, in which:  
2472 unique CDR3  
13 unique J



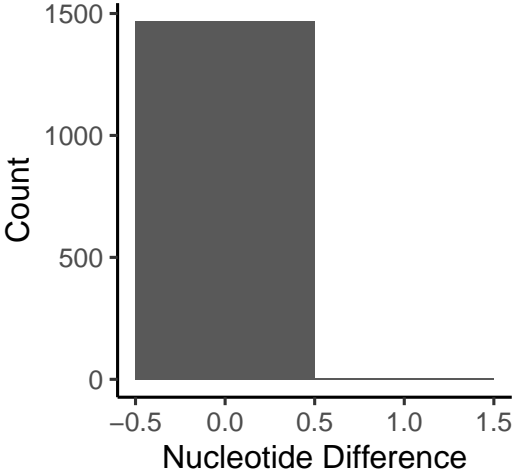
TRBV14\*ap01

2544 sequences assigned  
2542 (99.9%) exact matches, in which:  
2542 unique CDR3  
13 unique J



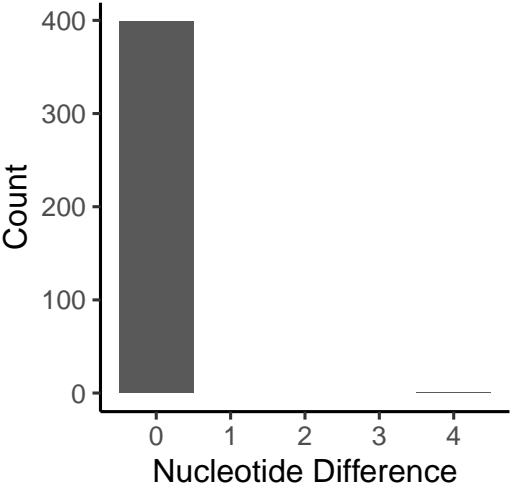
TRBV20-1\*ap02

1474 sequences assigned  
1469 (99.7%) exact matches, in which:  
1468 unique CDR3  
14 unique J



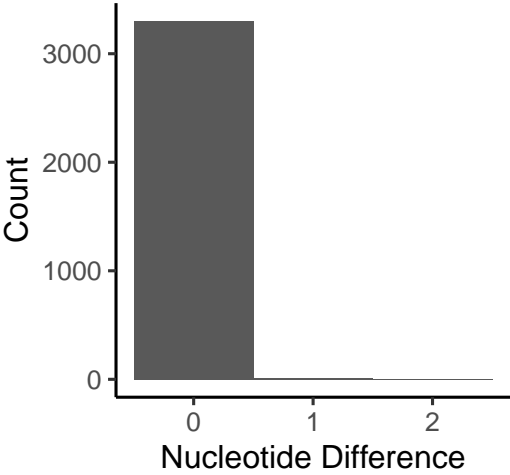
TRBV1\*ap01

400 sequences assigned  
399 (99.8%) exact matches, in which:  
399 unique CDR3  
13 unique J



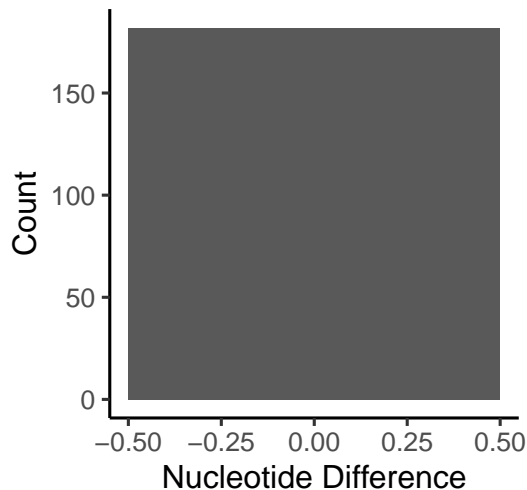
TRBV15\*ap02

3312 sequences assigned  
3301 (99.7%) exact matches, in which:  
3298 unique CDR3  
13 unique J



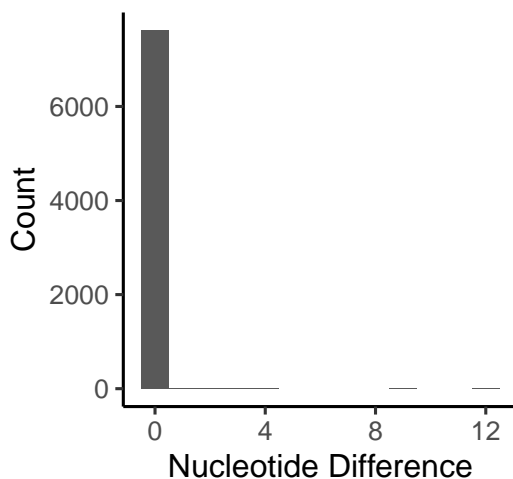
### TRBV16\*ap01

182 sequences assigned  
182 (100%) exact matches, in which:  
182 unique CDR3  
13 unique J



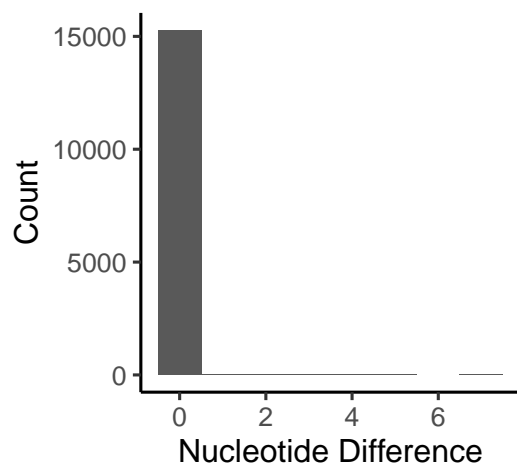
### TRBV19\*ap01

7638 sequences assigned  
7617 (99.7%) exact matches, in which:  
7617 unique CDR3  
13 unique J



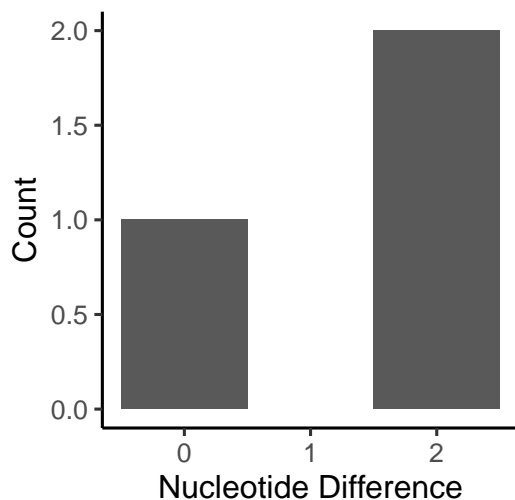
### TRBV28\*ap01

15302 sequences assigned  
15275 (99.8%) exact matches, in which:  
15273 unique CDR3  
13 unique J



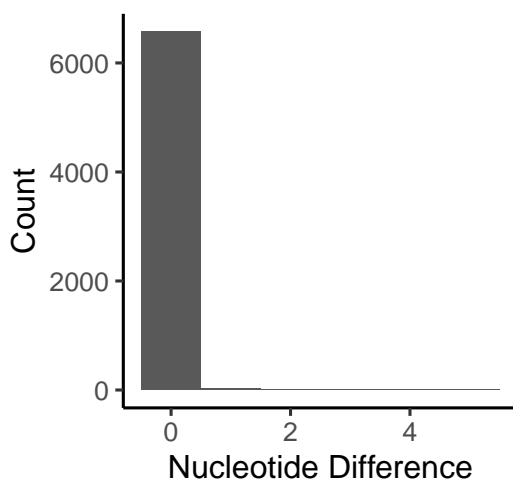
### TRBV17\*ap01

3 sequences assigned  
1 (33.3%) exact matches, in which:  
1 unique CDR3  
1 unique J



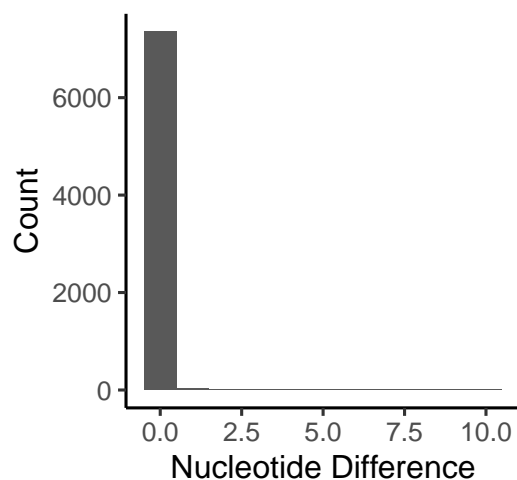
### TRBV2\*ap01

6598 sequences assigned  
6573 (99.6%) exact matches, in which:  
6565 unique CDR3  
13 unique J



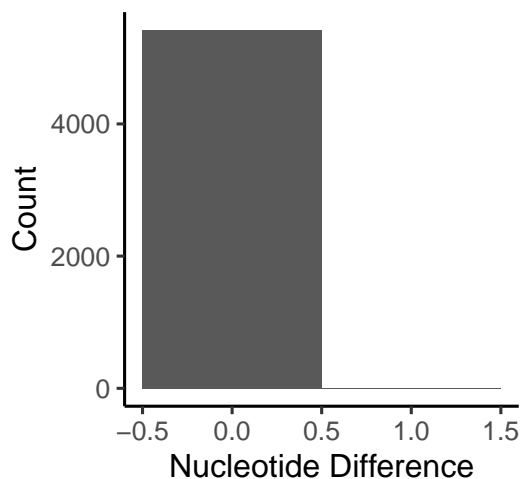
### TRBV30\*ap01

7396 sequences assigned  
7353 (99.4%) exact matches, in which:  
7332 unique CDR3  
13 unique J



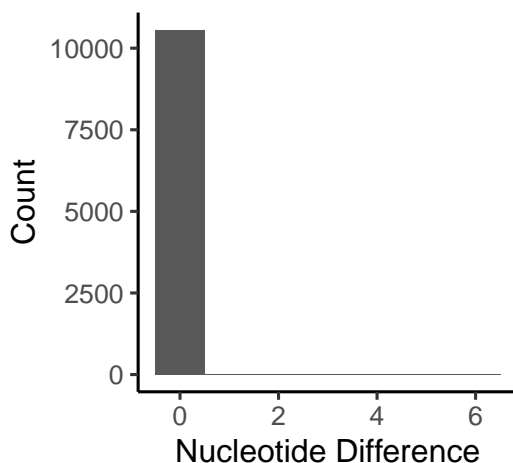
### TRBV18\*ap01

5423 sequences assigned  
5420 (99.9%) exact matches, in which:  
5419 unique CDR3  
13 unique J



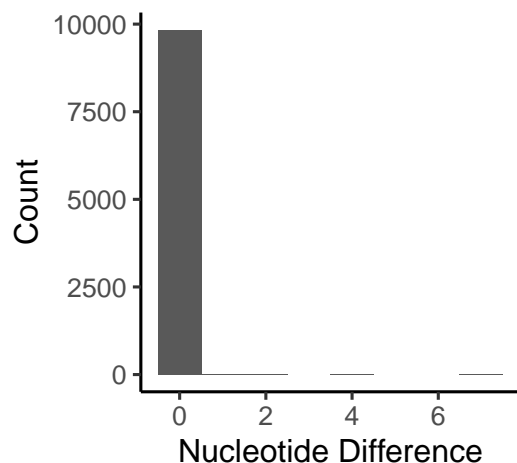
### TRBV27\*ap01

10597 sequences assigned  
10563 (99.7%) exact matches, in which:  
10531 unique CDR3  
13 unique J



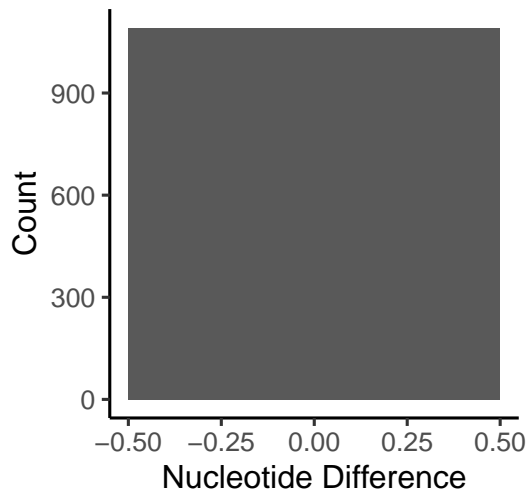
### TRBV9\*ap01

9862 sequences assigned  
9838 (99.8%) exact matches, in which:  
9832 unique CDR3  
13 unique J



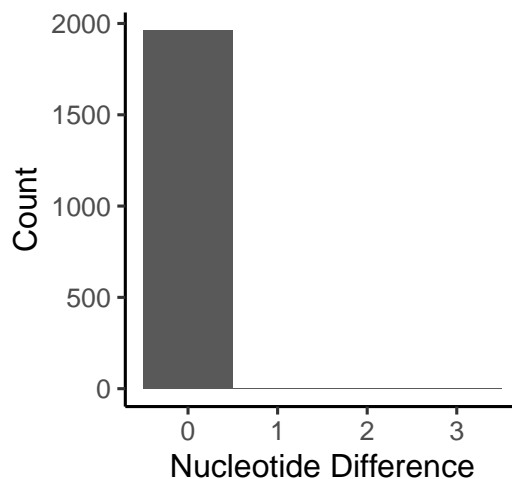
### TRBV11-1\*ap01

1092 sequences assigned  
1092 (100%) exact matches, in which:  
1092 unique CDR3  
13 unique J



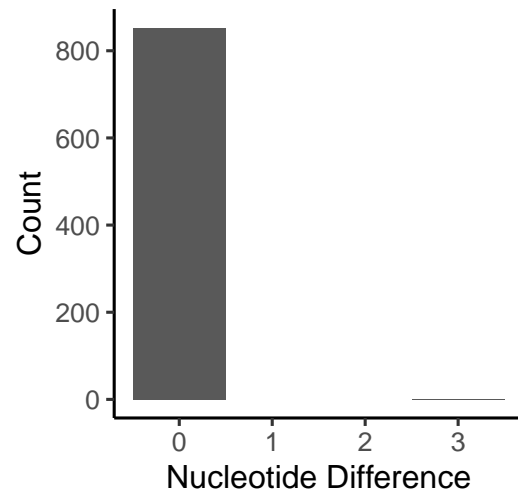
### TRBV11-3\*ap01

1969 sequences assigned  
1962 (99.6%) exact matches, in which:  
1962 unique CDR3  
13 unique J



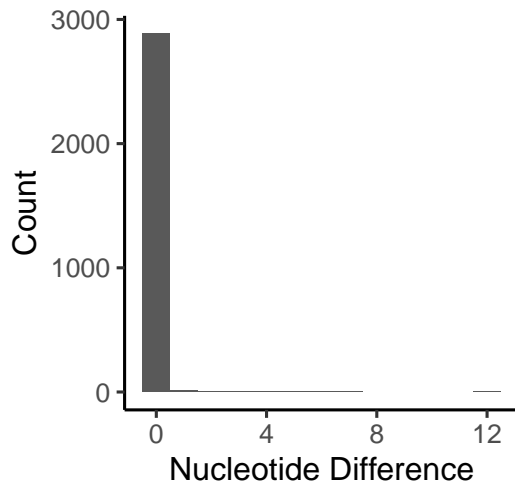
### TRBV12-5\*ap01

854 sequences assigned  
853 (99.9%) exact matches, in which:  
853 unique CDR3  
13 unique J



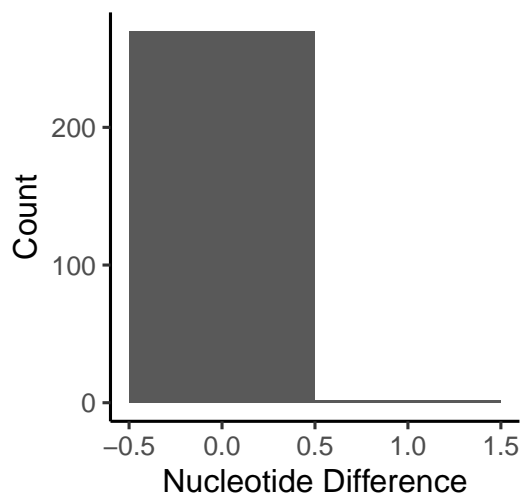
### TRBV21-1\*ap01

2911 sequences assigned  
2885 (99.1%) exact matches, in which:  
2885 unique CDR3  
13 unique J



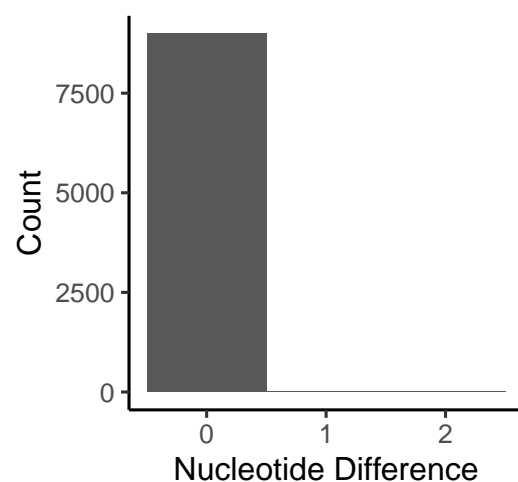
### TRBV12-1\*ap01

272 sequences assigned  
270 (99.3%) exact matches, in which:  
270 unique CDR3  
13 unique J



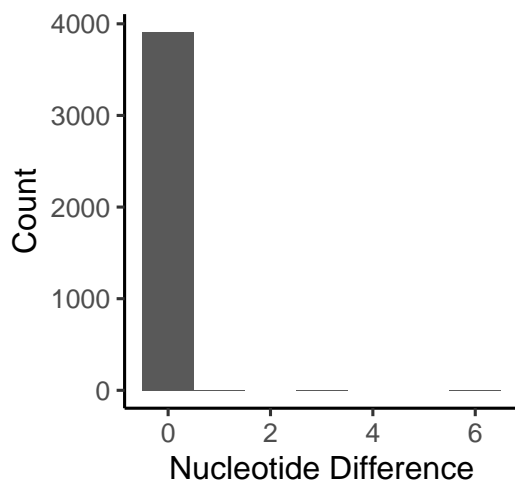
### TRBV12-34\*ap01

9009 sequences assigned  
8992 (99.8%) exact matches, in which:  
8989 unique CDR3  
13 unique J



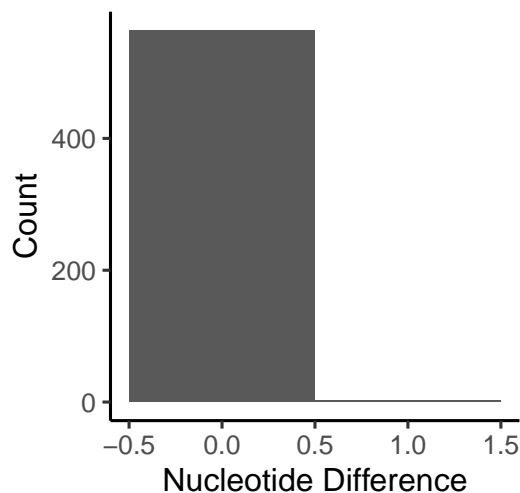
### TRBV11-2\*ap01

3913 sequences assigned  
3910 (99.9%) exact matches, in which:  
3909 unique CDR3  
13 unique J



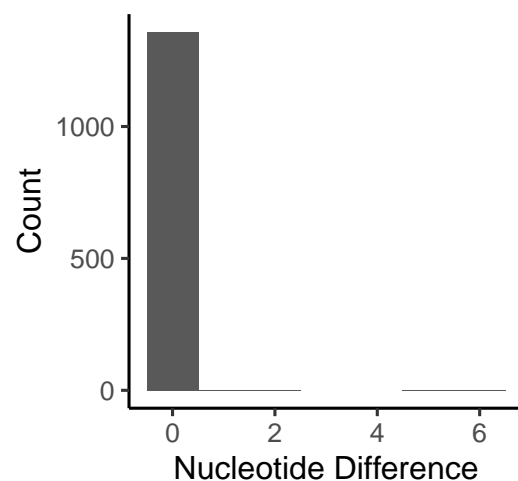
### TRBV12-2\*ap01

567 sequences assigned  
564 (99.5%) exact matches, in which:  
563 unique CDR3  
13 unique J



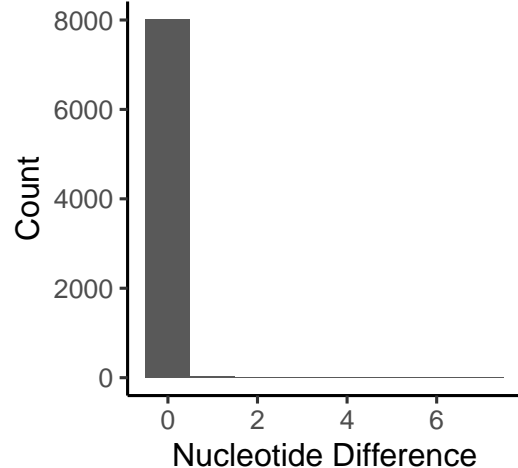
### TRBV23-1\*ap01

1363 sequences assigned  
1358 (99.6%) exact matches, in which:  
1357 unique CDR3  
14 unique J



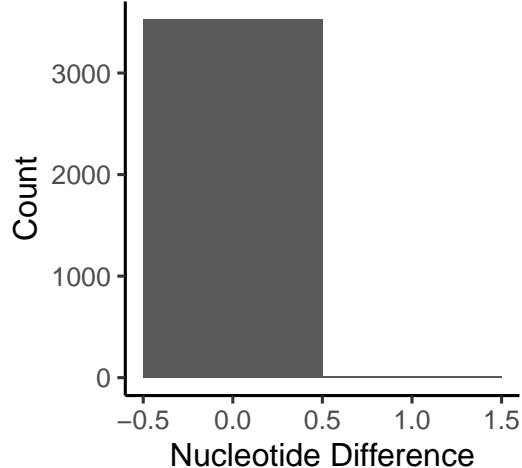
### TRBV3-12\*ap01

8049 sequences assigned  
8013 (99.6%) exact matches, in which:  
7989 unique CDR3  
13 unique J



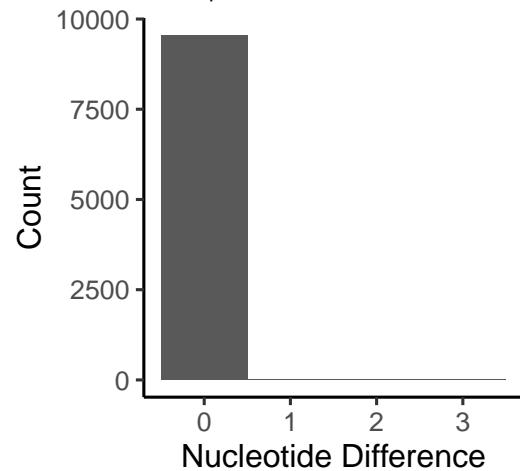
### TRBV4-2\*ap01

3538 sequences assigned  
3528 (99.7%) exact matches, in which:  
3527 unique CDR3  
13 unique J



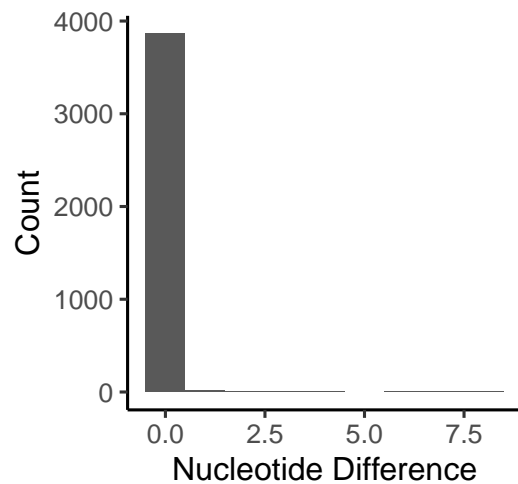
### TRBV5-1\*ap01

9566 sequences assigned  
9553 (99.9%) exact matches, in which:  
9542 unique CDR3  
13 unique J



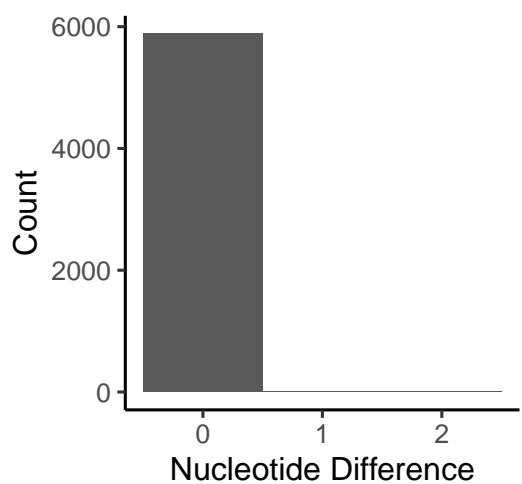
### TRBV24-1\*ap01

3891 sequences assigned  
3863 (99.3%) exact matches, in which:  
3858 unique CDR3  
13 unique J



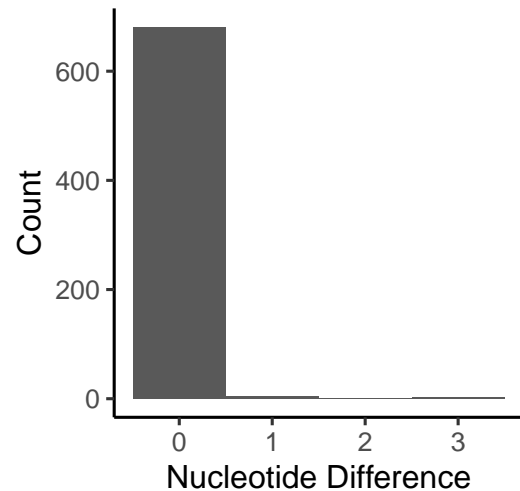
### TRBV4-3\*ap01

5893 sequences assigned  
5884 (99.8%) exact matches, in which:  
5883 unique CDR3  
13 unique J



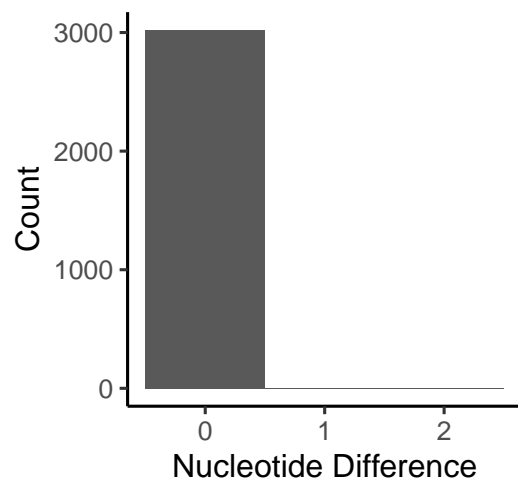
### TRBV5-3\*ap01

689 sequences assigned  
681 (98.8%) exact matches, in which:  
681 unique CDR3  
13 unique J



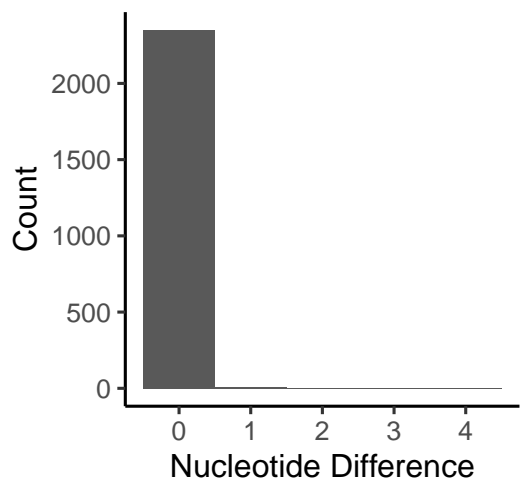
### TRBV4-1\*ap01

3026 sequences assigned  
3021 (99.8%) exact matches, in which:  
3021 unique CDR3  
14 unique J



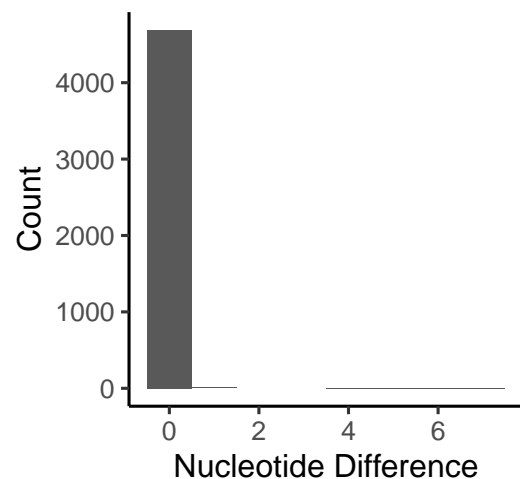
### TRBV25-1\*ap01

2363 sequences assigned  
2350 (99.4%) exact matches, in which:  
2346 unique CDR3  
13 unique J



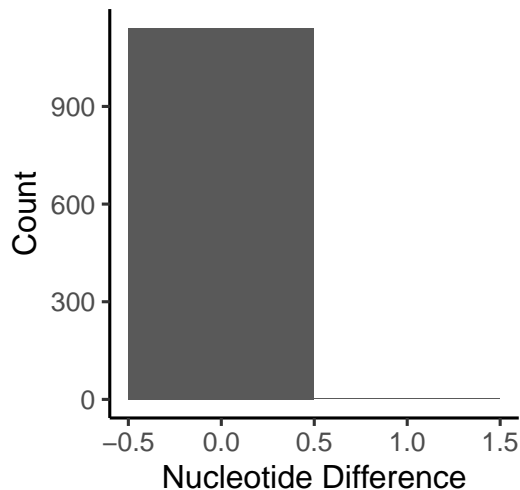
### TRBV5-4\*ap01

4703 sequences assigned  
4689 (99.7%) exact matches, in which:  
4689 unique CDR3  
13 unique J



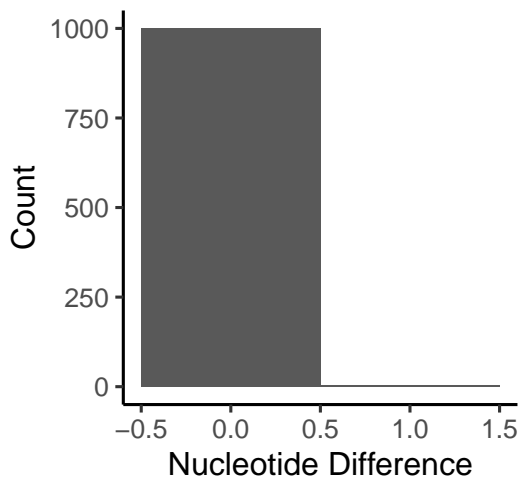
### TRBV5-5\*ap01

1145 sequences assigned  
1142 (99.7%) exact matches, in which:  
1139 unique CDR3  
13 unique J



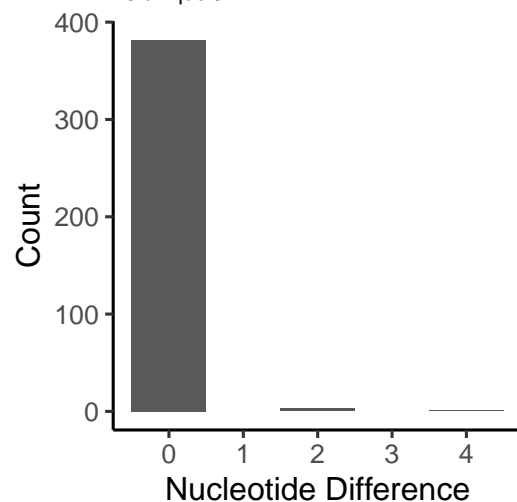
### TRBV5-8\*ap01

1003 sequences assigned  
1000 (99.7%) exact matches, in which:  
1000 unique CDR3  
13 unique J



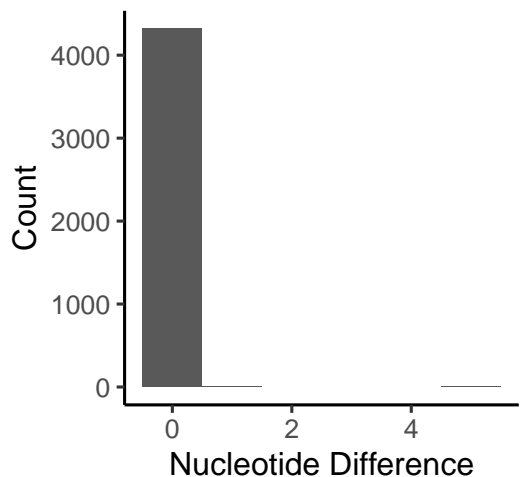
### TRBV6-7\*ap01

386 sequences assigned  
382 (99%) exact matches, in which:  
382 unique CDR3  
13 unique J



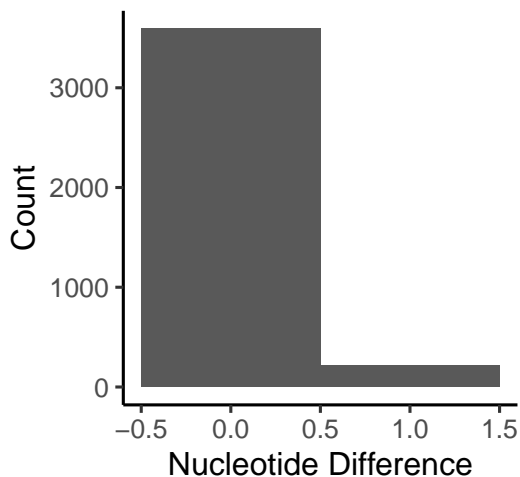
### TRBV5-6\*ap01

4327 sequences assigned  
4319 (99.8%) exact matches, in which:  
4316 unique CDR3  
13 unique J



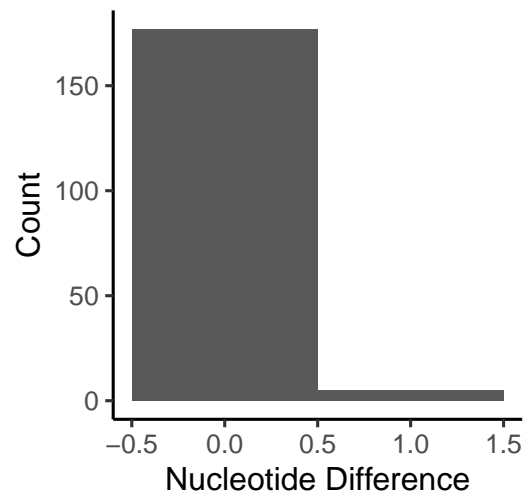
### TRBV6-1\*ap01

3811 sequences assigned  
3592 (94.3%) exact matches, in which:  
3590 unique CDR3  
13 unique J



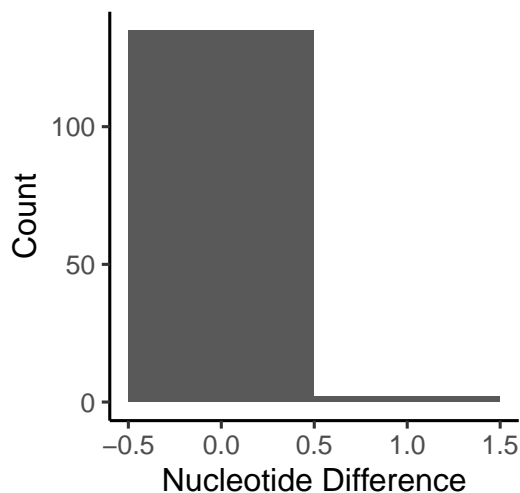
### TRBV6-8\*ap01

182 sequences assigned  
177 (97.3%) exact matches, in which:  
177 unique CDR3  
13 unique J



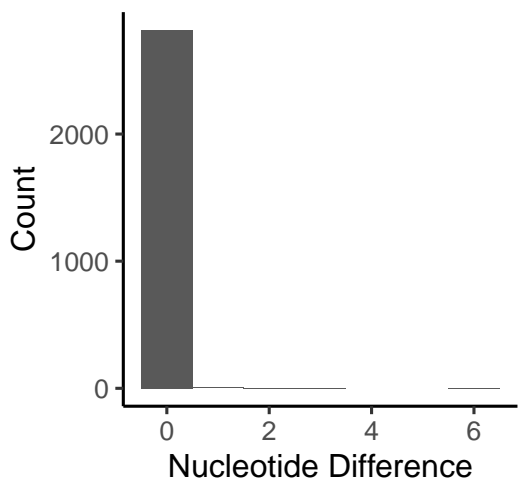
### TRBV5-7\*ap01

137 sequences assigned  
135 (98.5%) exact matches, in which:  
135 unique CDR3  
13 unique J



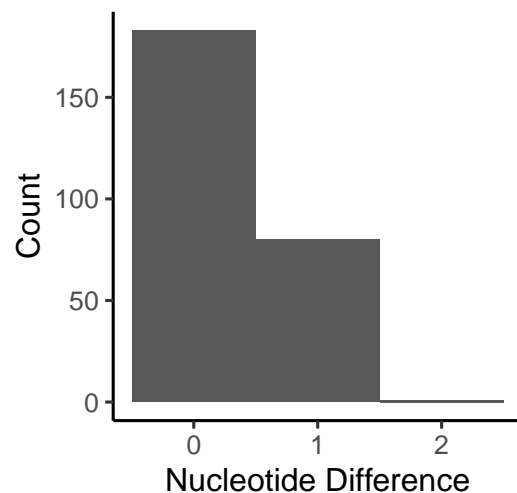
### TRBV6-4\*ap01

2832 sequences assigned  
2818 (99.5%) exact matches, in which:  
2817 unique CDR3  
13 unique J



### TRBV6-9\*ap01

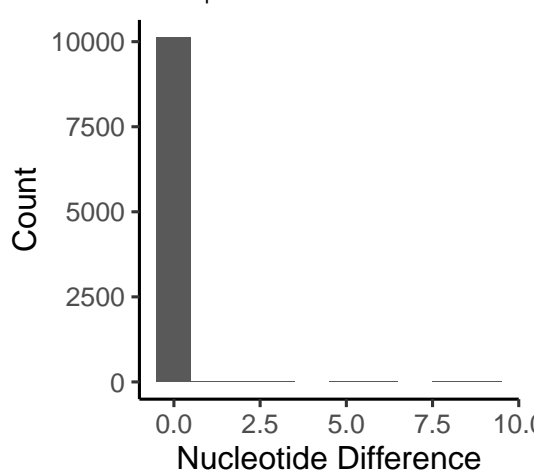
264 sequences assigned  
183 (69.3%) exact matches, in which:  
182 unique CDR3  
12 unique J





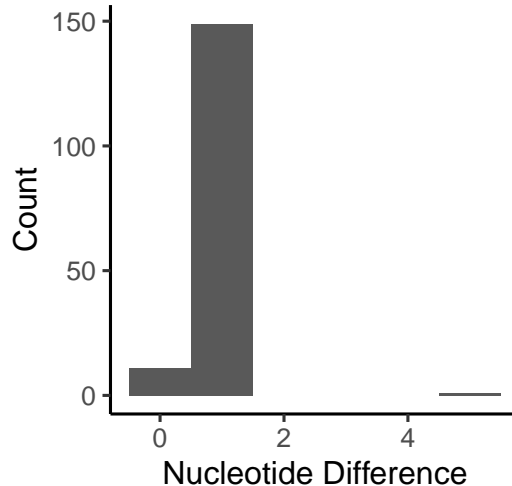
### TRBV6-23\*ap01

10167 sequences assigned  
10133 (99.7%) exact matches, in which:  
10104 unique CDR3  
13 unique J



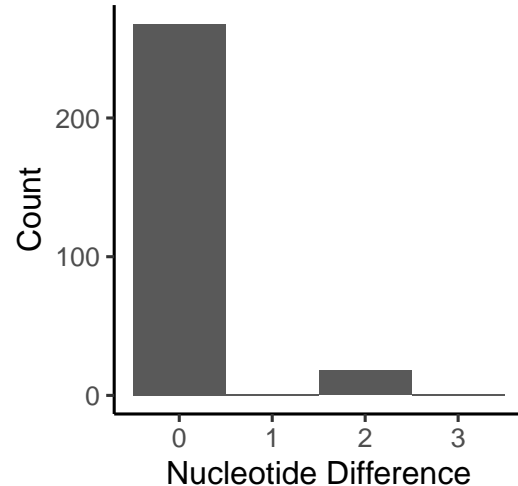
### TRBV7-1\*ap01\_T296C

161 sequences assigned  
11 (6.8%) exact matches, in which:  
11 unique CDR3  
8 unique J



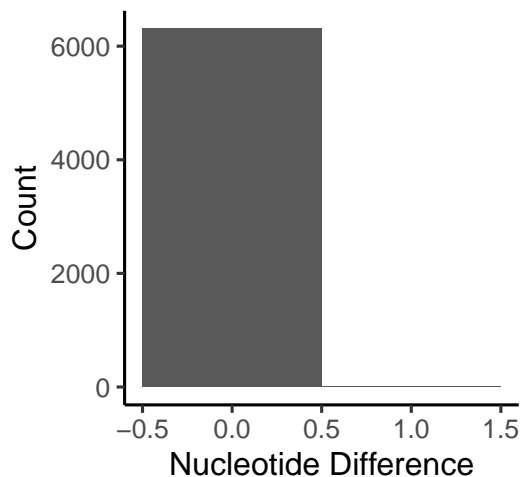
### TRBV7-4\*ap01

288 sequences assigned  
268 (93.1%) exact matches, in which:  
268 unique CDR3  
13 unique J



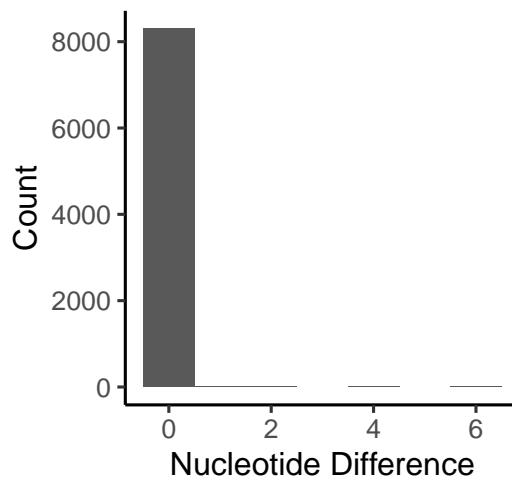
### TRBV6-56\*ap01

6318 sequences assigned  
6307 (99.8%) exact matches, in which:  
6299 unique CDR3  
13 unique J



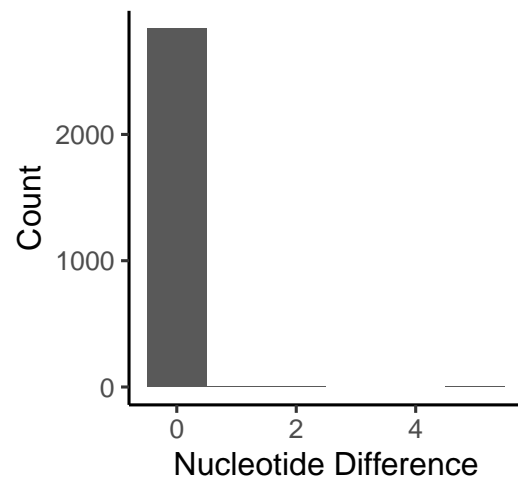
### TRBV7-2\*ap01

8309 sequences assigned  
8300 (99.9%) exact matches, in which:  
8297 unique CDR3  
13 unique J



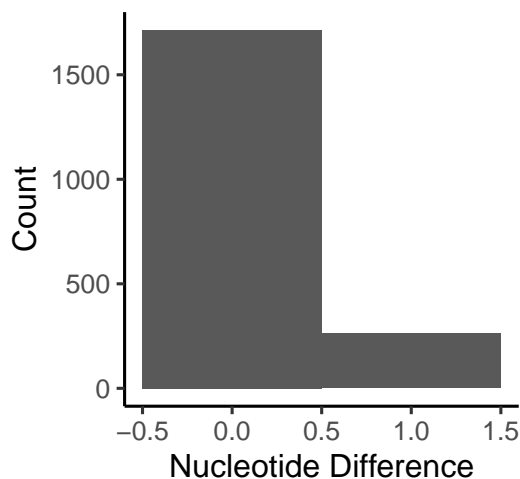
### TRBV7-6\*ap01

2842 sequences assigned  
2837 (99.8%) exact matches, in which:  
2837 unique CDR3  
13 unique J



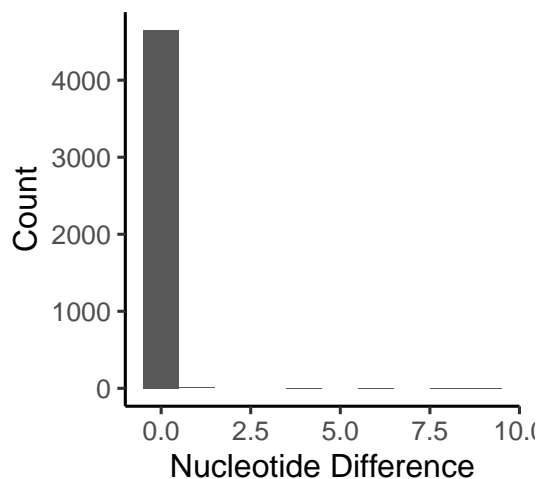
### TRBV6-56\*ap02

1977 sequences assigned  
1714 (86.7%) exact matches, in which:  
1713 unique CDR3  
13 unique J



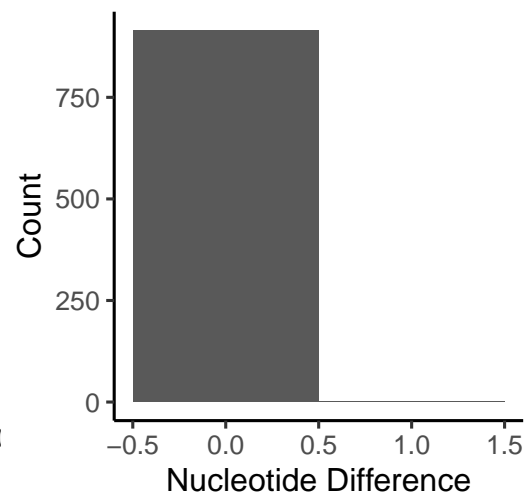
### TRBV7-3\*ap01

4665 sequences assigned  
4651 (99.7%) exact matches, in which:  
4649 unique CDR3  
13 unique J



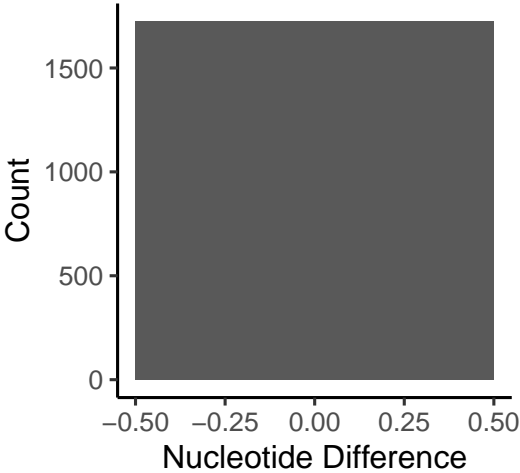
### TRBV7-7\*ap01

917 sequences assigned  
915 (99.8%) exact matches, in which:  
915 unique CDR3  
13 unique J



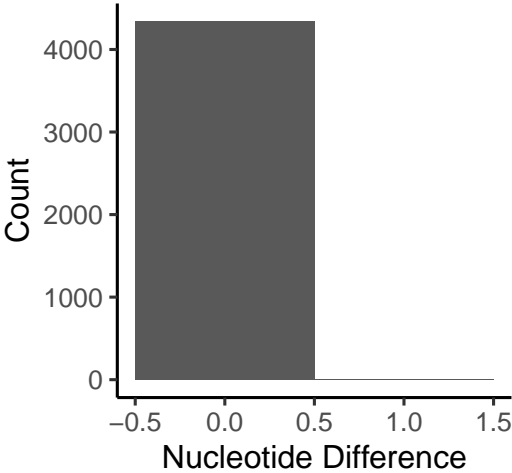
TRBV7-8\*ap01

1724 sequences assigned  
1724 (100%) exact matches, in which:  
1724 unique CDR3  
13 unique J



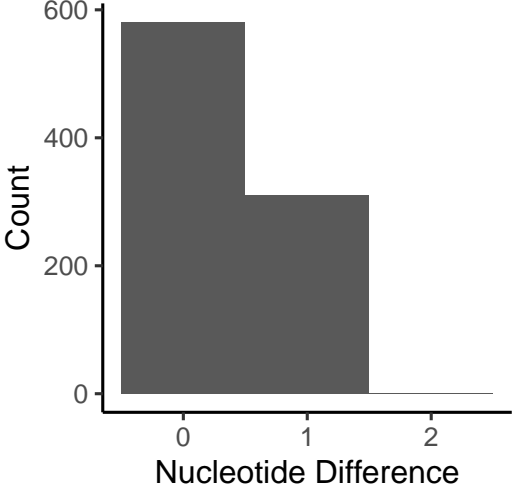
TRBV29-1\*ap01

4351 sequences assigned  
4340 (99.7%) exact matches, in which:  
4324 unique CDR3  
13 unique J



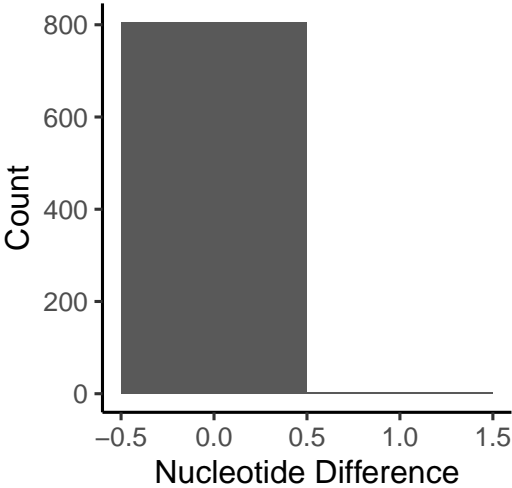
TRBV7-8\*ap03

892 sequences assigned  
581 (65.1%) exact matches, in which:  
581 unique CDR3  
13 unique J



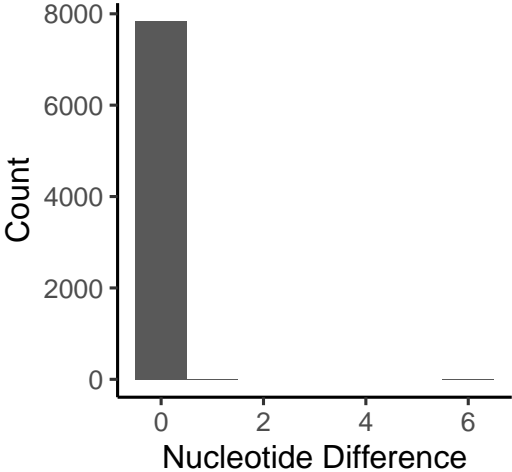
TRBV29-1\*ap02

810 sequences assigned  
806 (99.5%) exact matches, in which:  
800 unique CDR3  
13 unique J



TRBV7-9\*ap01

7855 sequences assigned  
7841 (99.8%) exact matches, in which:  
7841 unique CDR3  
13 unique J



TRBV7-1\*ap01\_T296C

