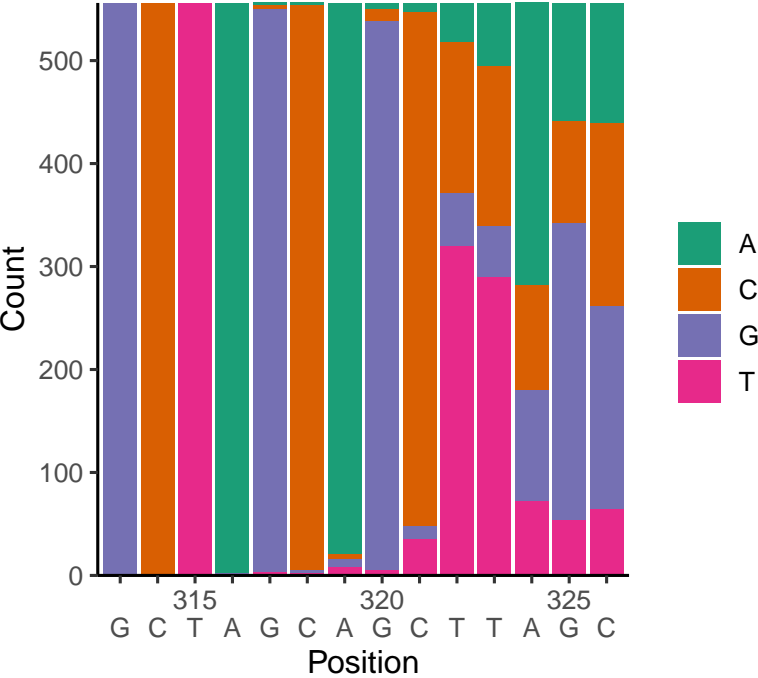


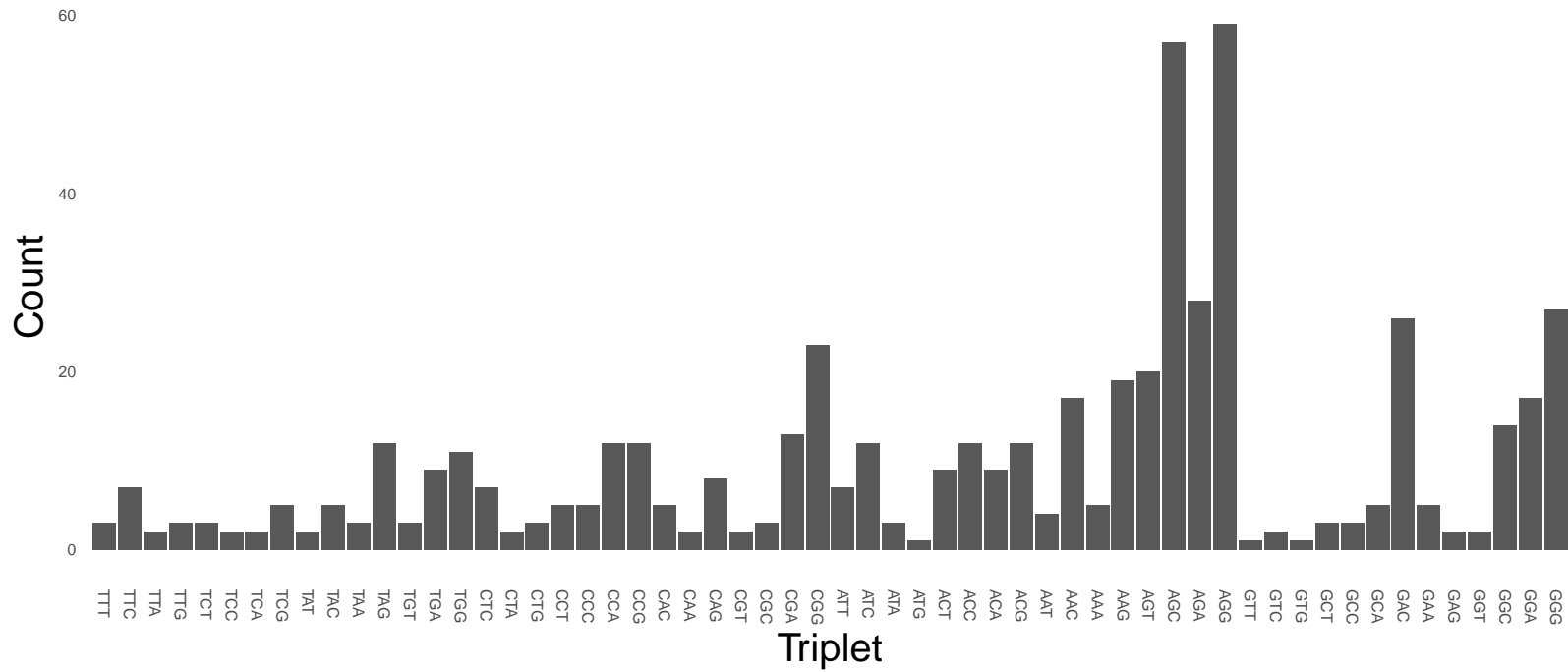
Gene TRBV7-7\*ap01\_C315T



Gene TRBV7-7\*ap01\_C315T

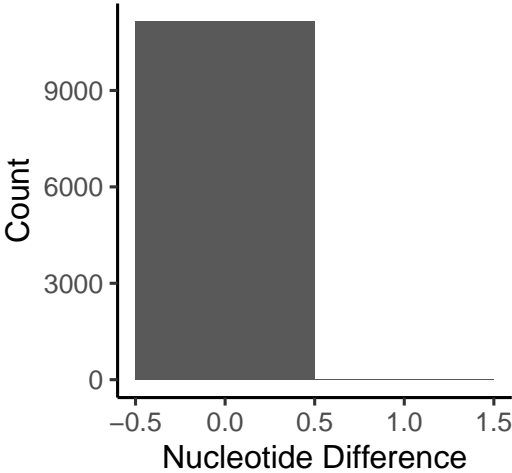


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



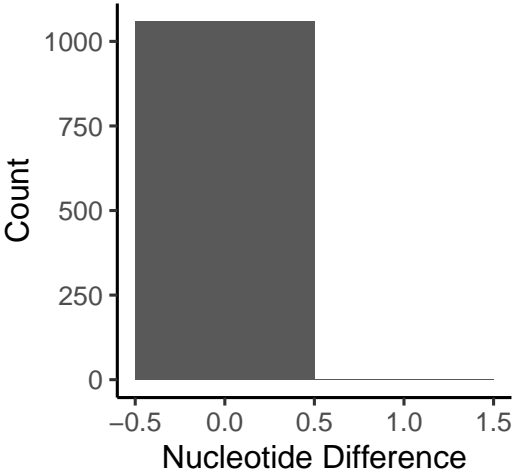
TRBV20–1\*ap01

11171 sequences assigned  
11149 (99.8%) exact matches, in which:  
11134 unique CDR3  
13 unique J



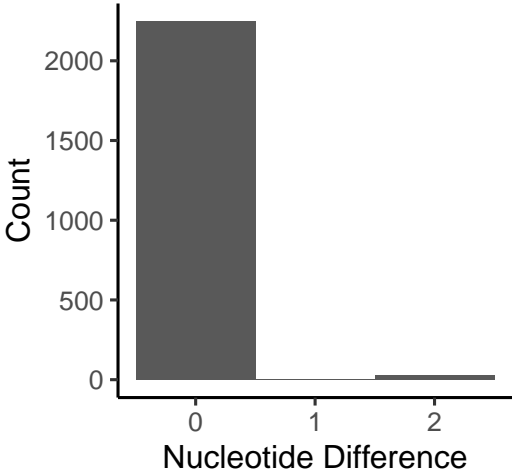
TRBV10–2\*ap01

1060 sequences assigned  
1059 (99.9%) exact matches, in which:  
1059 unique CDR3  
13 unique J



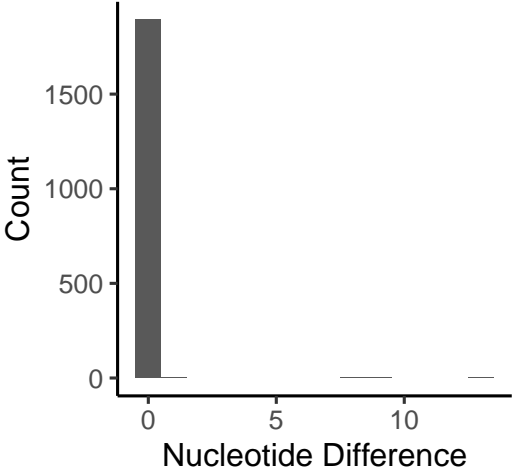
TRBV13\*ap01

2277 sequences assigned  
2247 (98.7%) exact matches, in which:  
2247 unique CDR3  
13 unique J



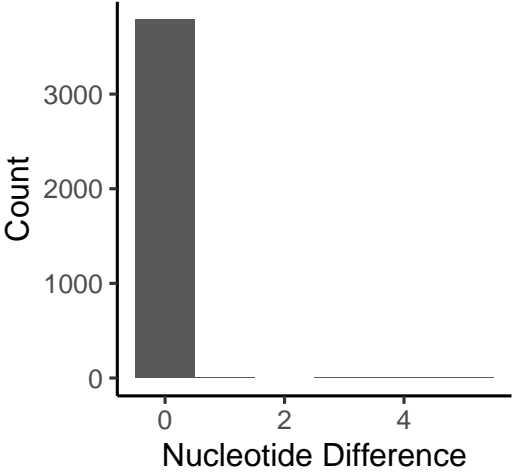
TRBV10–1\*ap01

1900 sequences assigned  
1893 (99.6%) exact matches, in which:  
1892 unique CDR3  
13 unique J



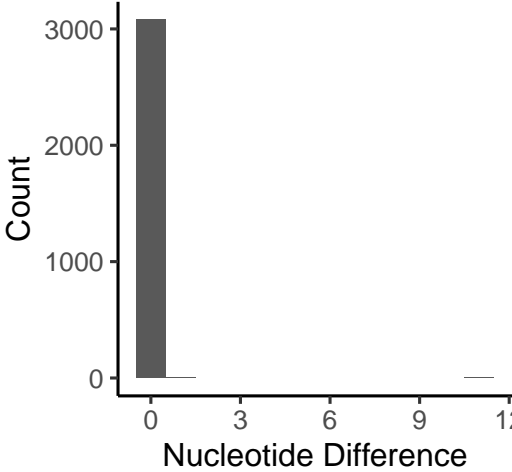
TRBV10–3\*ap01

3795 sequences assigned  
3786 (99.8%) exact matches, in which:  
3786 unique CDR3  
13 unique J



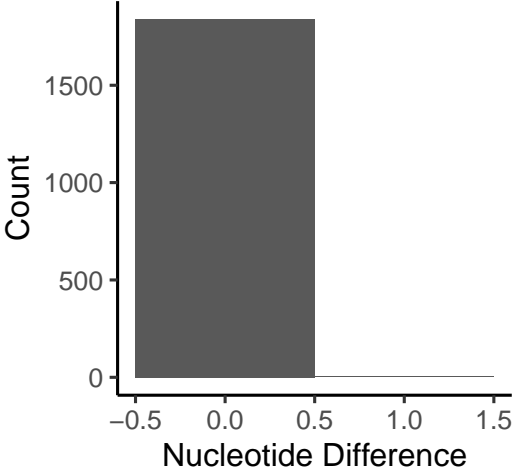
TRBV14\*ap01

3083 sequences assigned  
3079 (99.9%) exact matches, in which:  
3079 unique CDR3  
13 unique J



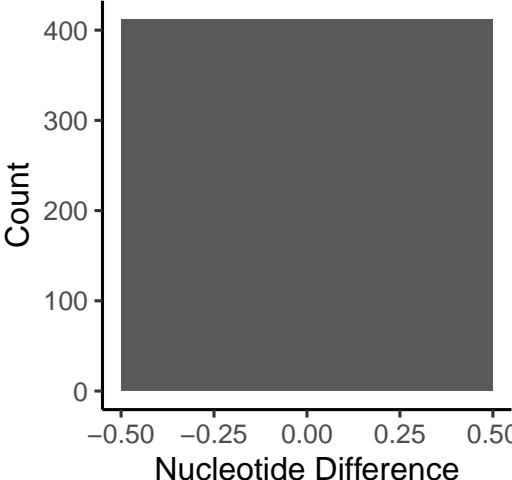
TRBV20–1\*ap02

1844 sequences assigned  
1840 (99.8%) exact matches, in which:  
1839 unique CDR3  
13 unique J



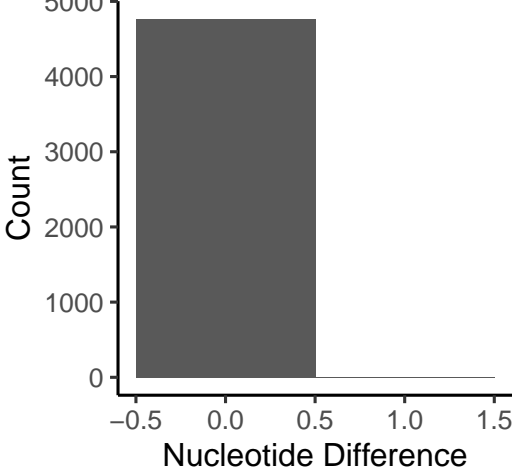
TRBV1\*ap01

412 sequences assigned  
412 (100%) exact matches, in which:  
410 unique CDR3  
13 unique J



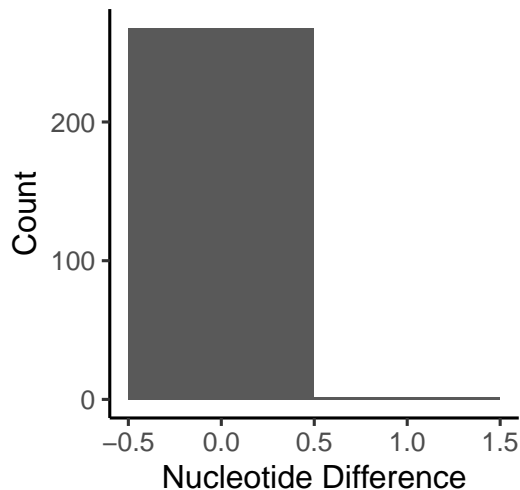
TRBV15\*ap02

4773 sequences assigned  
4765 (99.8%) exact matches, in which:  
4761 unique CDR3  
13 unique J



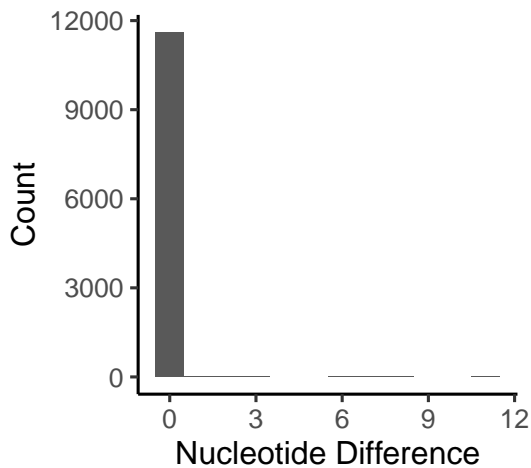
### TRBV16\*ap01

270 sequences assigned  
268 (99.3%) exact matches, in which:  
268 unique CDR3  
13 unique J



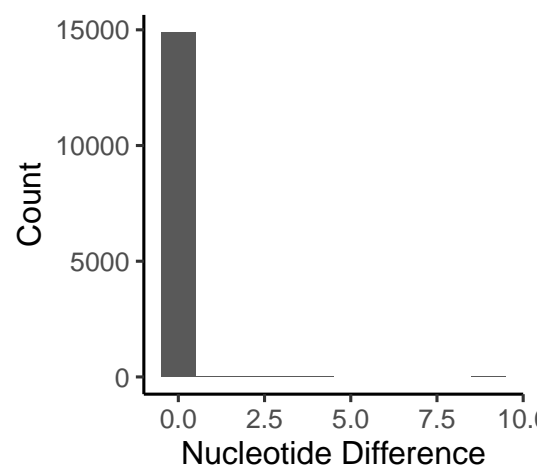
### TRBV19\*ap01

11642 sequences assigned  
11611 (99.7%) exact matches, in which:  
11611 unique CDR3  
13 unique J



### TRBV27\*ap01

14953 sequences assigned  
14899 (99.6%) exact matches, in which:  
14872 unique CDR3  
13 unique J



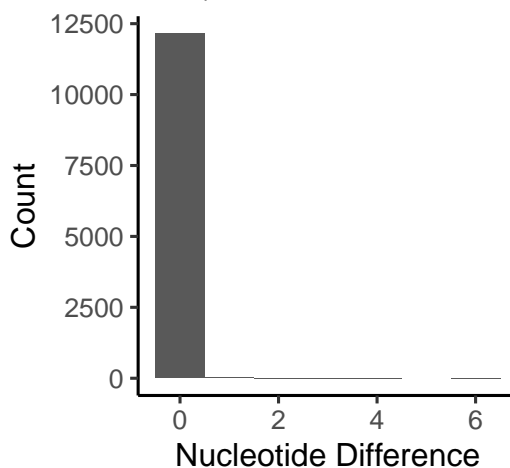
### TRBV17\*ap01

1 sequences assigned  
No exact matches.



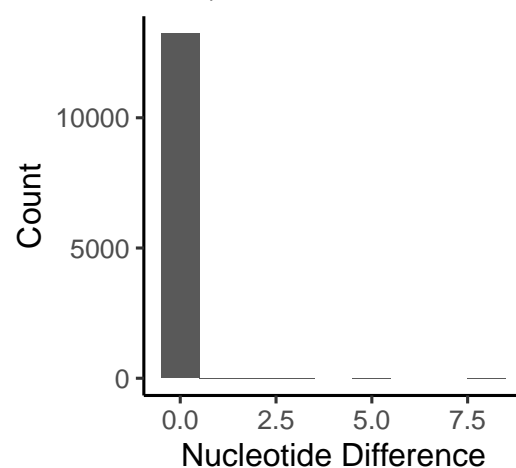
### TRBV2\*ap01

12182 sequences assigned  
12154 (99.8%) exact matches, in which:  
12138 unique CDR3  
13 unique J



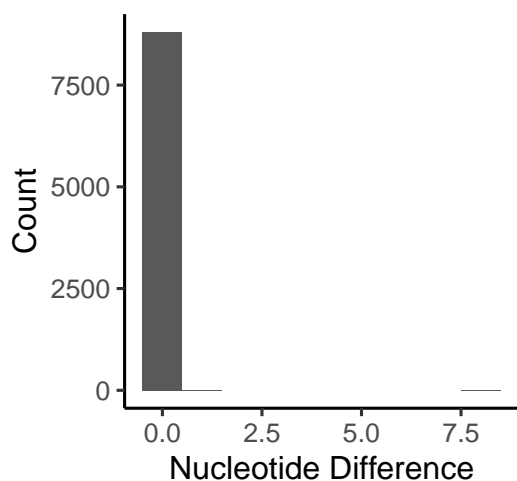
### TRBV28\*ap01

13257 sequences assigned  
13236 (99.8%) exact matches, in which:  
13234 unique CDR3  
13 unique J



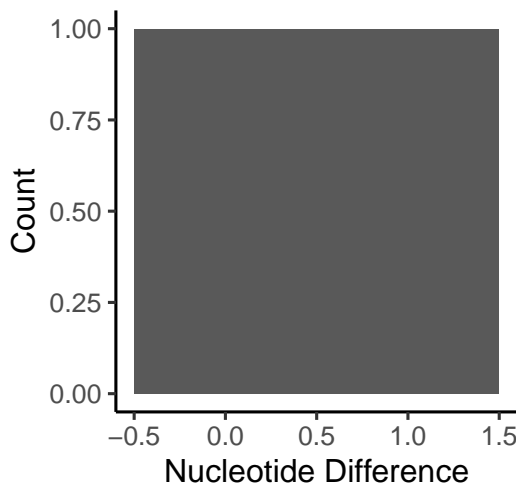
### TRBV18\*ap01

8812 sequences assigned  
8803 (99.9%) exact matches, in which:  
8803 unique CDR3  
13 unique J



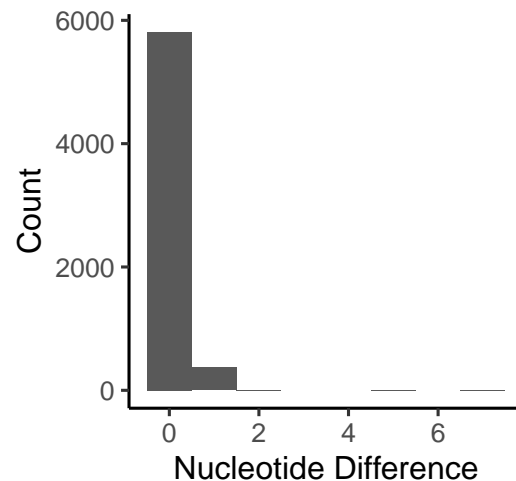
### TRBV26\*ap01

2 sequences assigned  
1 (50%) exact matches, in which:  
1 unique CDR3  
1 unique J



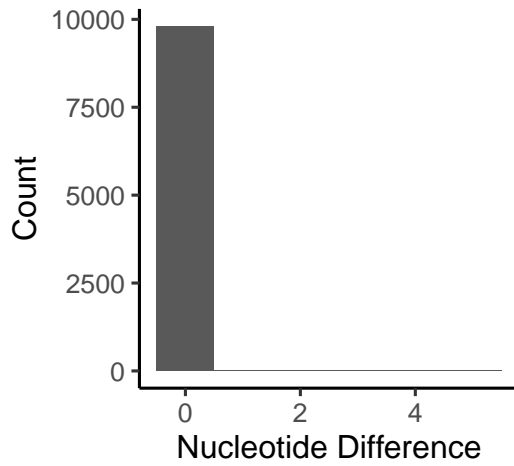
### TRBV30\*ap01

6185 sequences assigned  
5810 (93.9%) exact matches, in which:  
5797 unique CDR3  
13 unique J



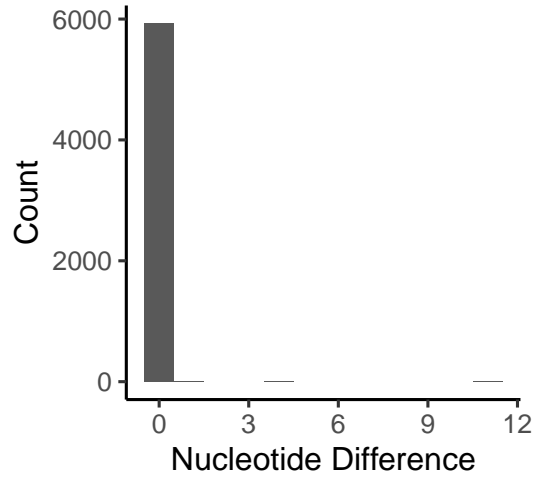
### TRBV9\*ap01

9825 sequences assigned  
9807 (99.8%) exact matches, in which:  
9798 unique CDR3  
13 unique J



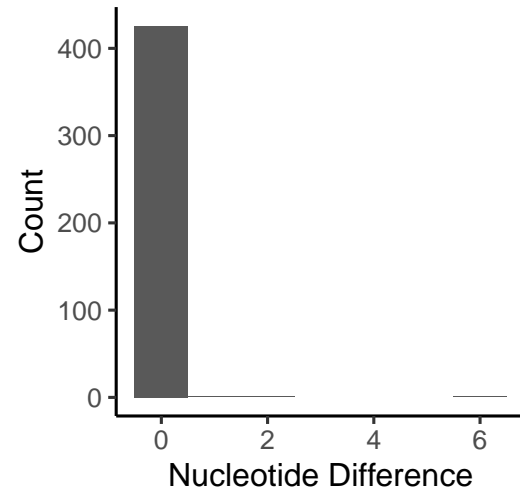
### TRBV11-2\*ap01

5933 sequences assigned  
5928 (99.9%) exact matches, in which:  
5928 unique CDR3  
13 unique J



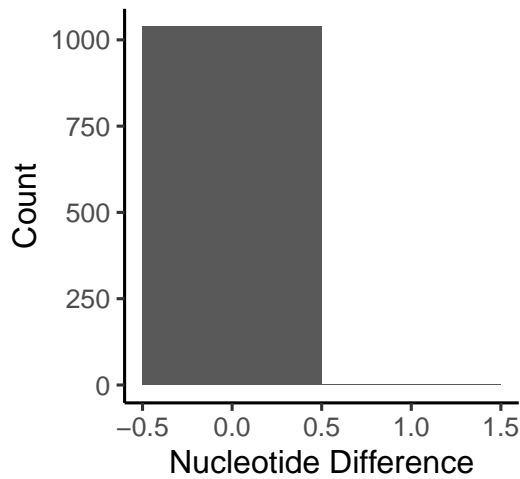
### TRBV12-2\*ap01

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



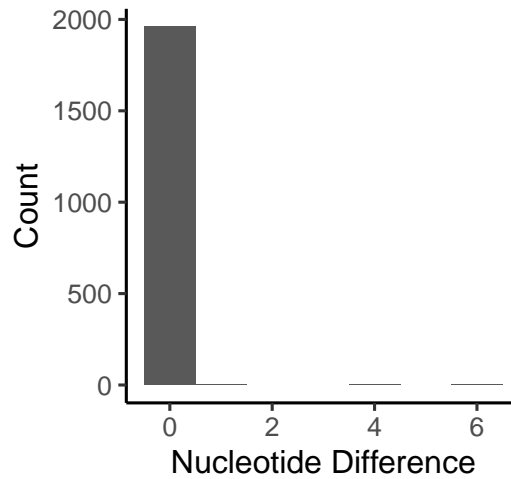
### TRBV11-1\*ap01

1039 sequences assigned  
1038 (99.9%) exact matches, in which:  
1038 unique CDR3  
13 unique J



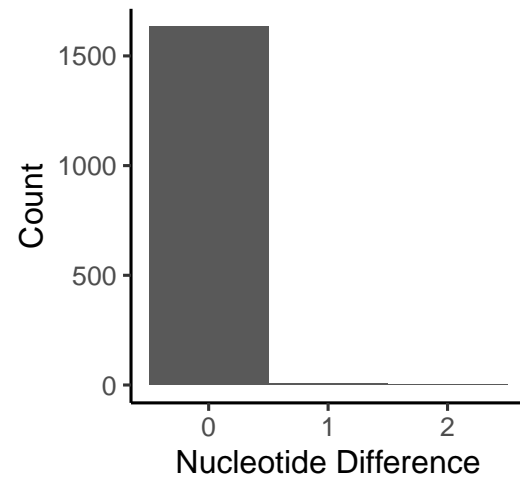
### TRBV11-3\*ap01

1964 sequences assigned  
1960 (99.8%) exact matches, in which:  
1960 unique CDR3  
13 unique J



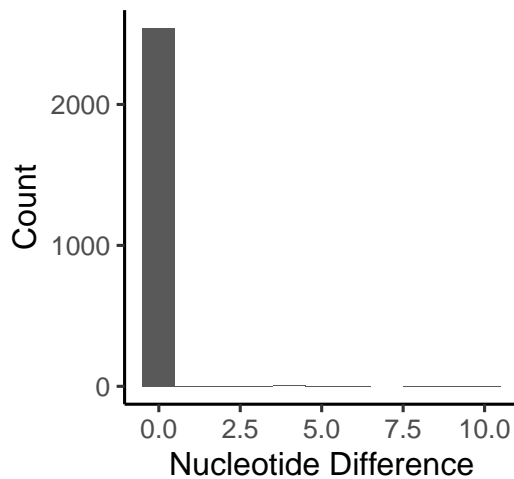
### TRBV12-5\*ap01

1641 sequences assigned  
1633 (99.5%) exact matches, in which:  
1633 unique CDR3  
13 unique J



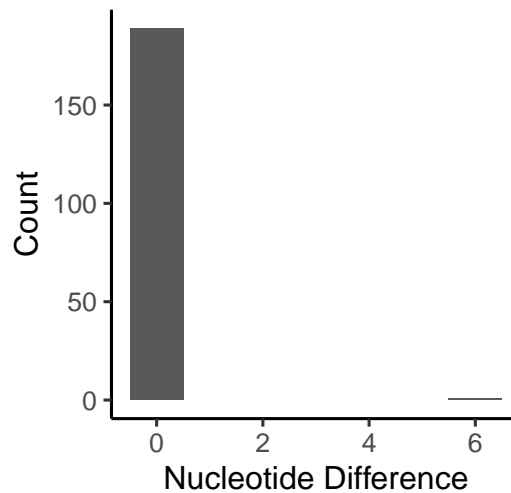
### TRBV21-1\*ap01

2561 sequences assigned  
2542 (99.3%) exact matches, in which:  
2542 unique CDR3  
13 unique J



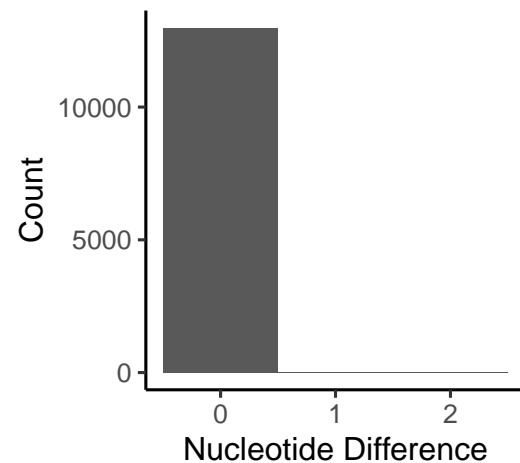
### TRBV12-1\*ap01

190 sequences assigned  
189 (99.5%) exact matches, in which:  
189 unique CDR3  
13 unique J



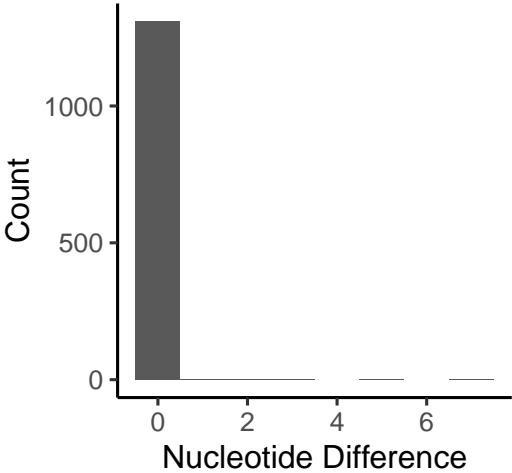
### TRBV12-34\*ap01

12999 sequences assigned  
12987 (99.9%) exact matches, in which:  
12985 unique CDR3  
13 unique J



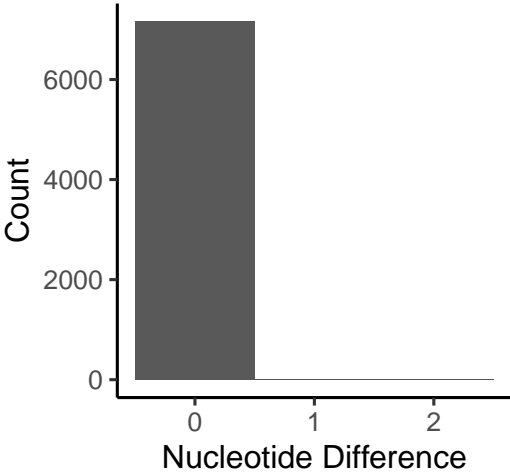
TRBV23-1\*ap01

1314 sequences assigned  
1309 (99.6%) exact matches, in which:  
1309 unique CDR3  
13 unique J



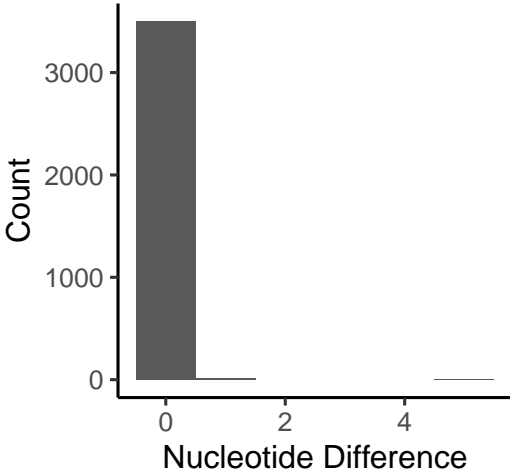
TRBV4-1\*ap01

7173 sequences assigned  
7162 (99.8%) exact matches, in which:  
7159 unique CDR3  
13 unique J



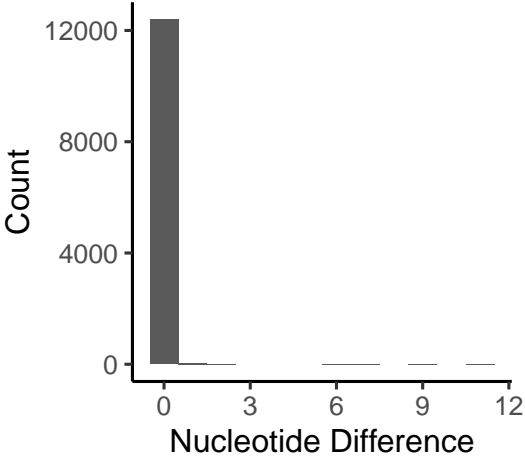
TRBV25-1\*ap01

3512 sequences assigned  
3500 (99.7%) exact matches, in which:  
3493 unique CDR3  
13 unique J



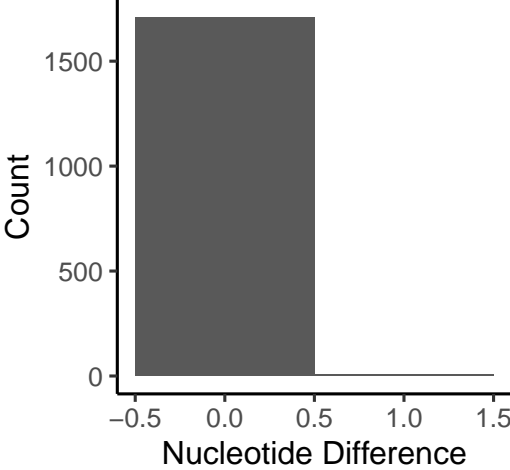
TRBV3-12\*ap01

12436 sequences assigned  
12395 (99.7%) exact matches, in which:  
12371 unique CDR3  
13 unique J



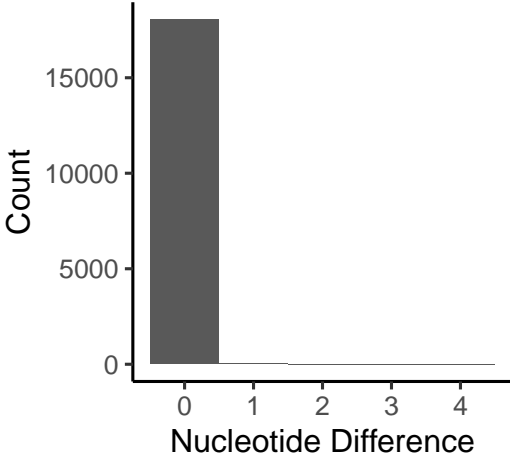
TRBV4-2\*ap01

1716 sequences assigned  
1707 (99.5%) exact matches, in which:  
1706 unique CDR3  
13 unique J



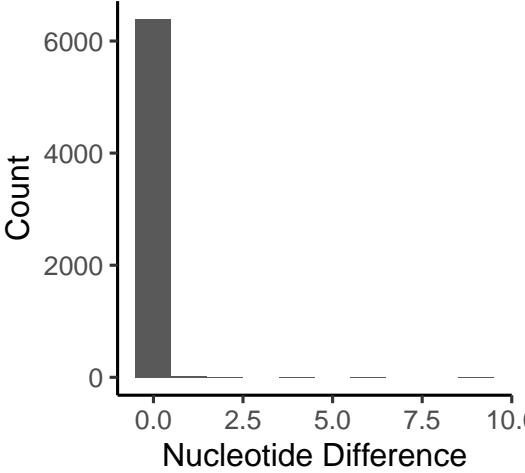
TRBV5-1\*ap01

18083 sequences assigned  
18051 (99.8%) exact matches, in which:  
18027 unique CDR3  
13 unique J



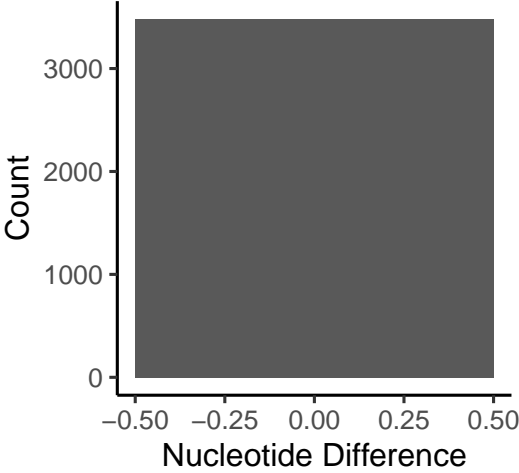
TRBV24-1\*ap01

6424 sequences assigned  
6392 (99.5%) exact matches, in which:  
6377 unique CDR3  
13 unique J



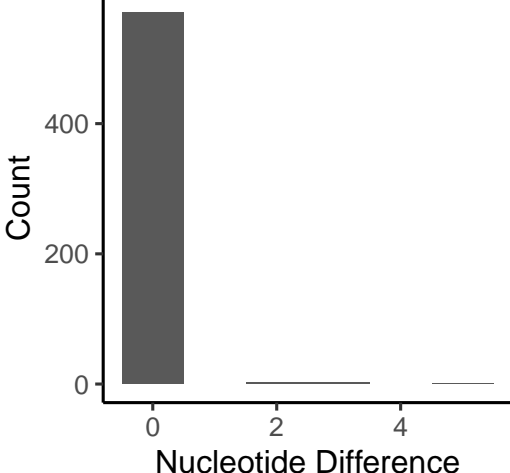
TRBV4-3\*ap01

3481 sequences assigned  
3481 (100%) exact matches, in which:  
3479 unique CDR3  
13 unique J



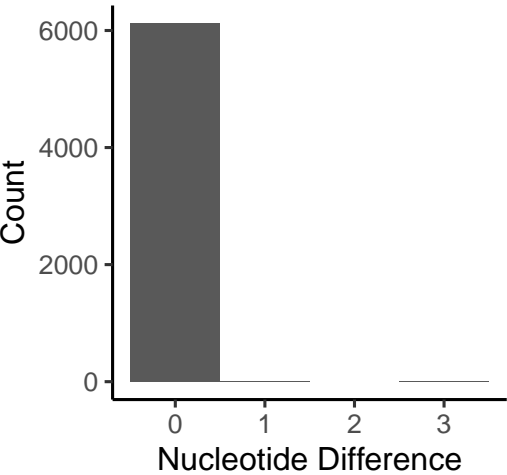
TRBV5-3\*ap01

576 sequences assigned  
571 (99.1%) exact matches, in which:  
571 unique CDR3  
13 unique J



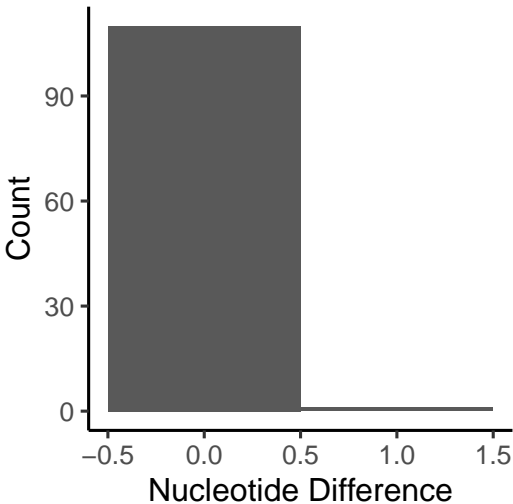
TRBV5-4\*ap01

6130 sequences assigned  
6121 (99.9%) exact matches, in which:  
6121 unique CDR3  
13 unique J



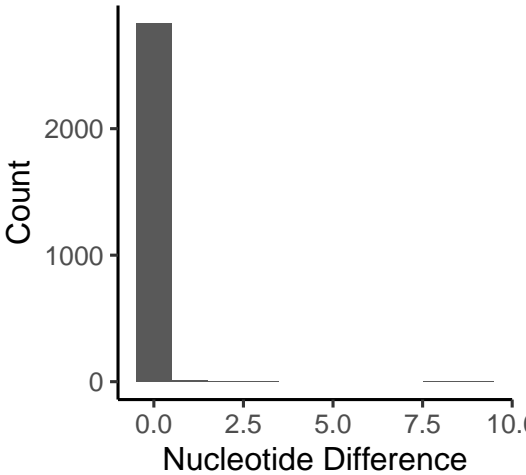
TRBV5-7\*ap01

111 sequences assigned  
110 (99.1%) exact matches, in which:  
109 unique CDR3  
12 unique J



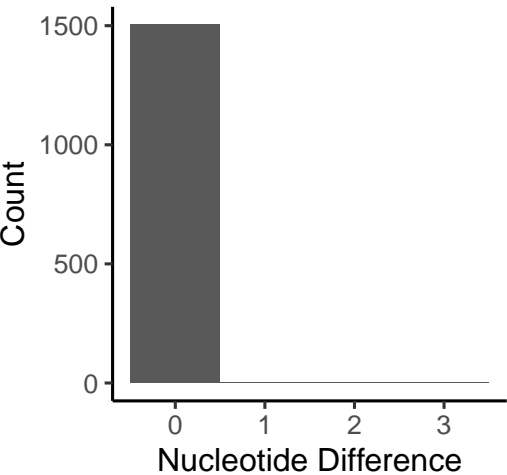
TRBV6-4\*ap01

2854 sequences assigned  
2832 (99.2%) exact matches, in which:  
2831 unique CDR3  
14 unique J



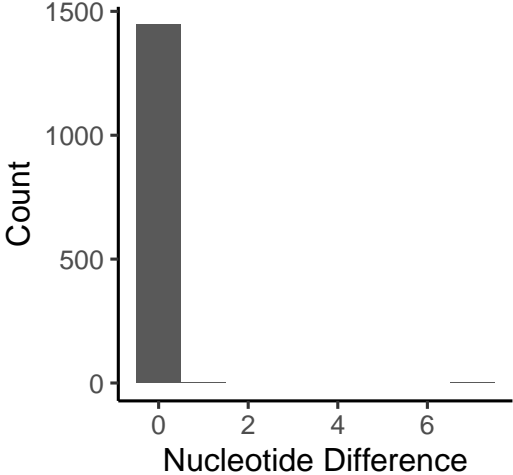
TRBV5-5\*ap01

1508 sequences assigned  
1504 (99.7%) exact matches, in which:  
1504 unique CDR3  
13 unique J



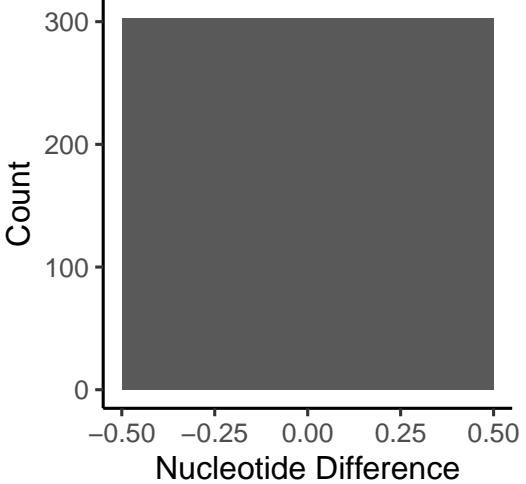
TRBV5-8\*ap01

1451 sequences assigned  
1446 (99.7%) exact matches, in which:  
1446 unique CDR3  
13 unique J



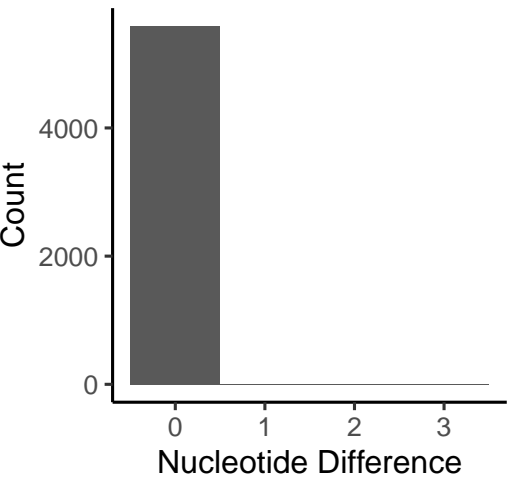
TRBV6-7\*ap01

303 sequences assigned  
303 (100%) exact matches, in which:  
302 unique CDR3  
13 unique J



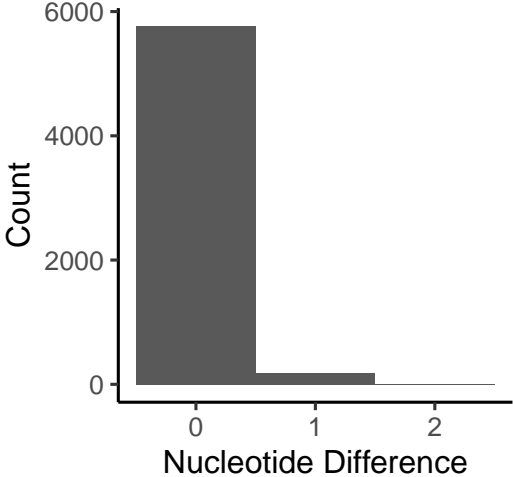
TRBV5-6\*ap01

5598 sequences assigned  
5590 (99.9%) exact matches, in which:  
5576 unique CDR3  
13 unique J



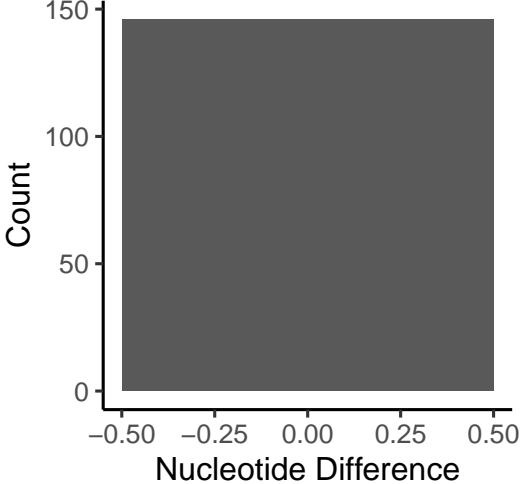
TRBV6-1\*ap01

5946 sequences assigned  
5767 (97%) exact matches, in which:  
5762 unique CDR3  
13 unique J



TRBV6-8\*ap01

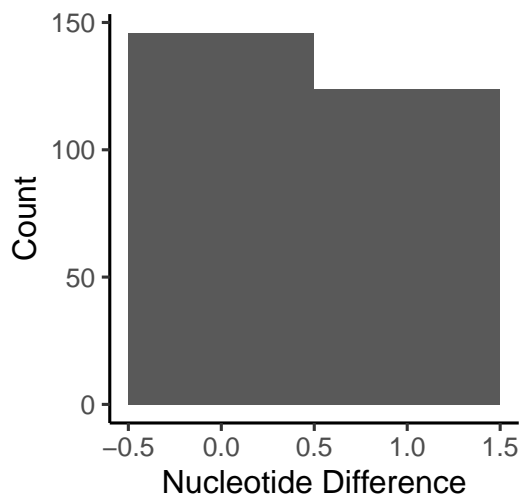
146 sequences assigned  
146 (100%) exact matches, in which:  
146 unique CDR3  
13 unique J





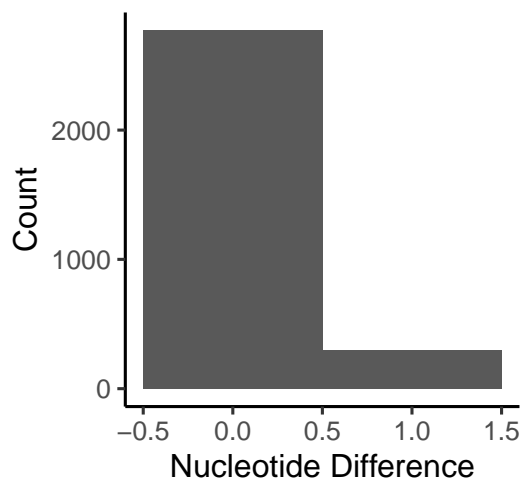
### TRBV6-9\*ap01

270 sequences assigned  
146 (54.1%) exact matches, in which:  
146 unique CDR3  
13 unique J



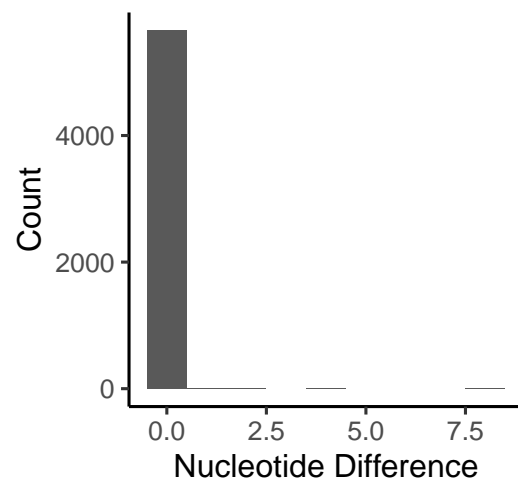
### TRBV6-56\*ap02

3072 sequences assigned  
2771 (90.2%) exact matches, in which:  
2771 unique CDR3  
13 unique J



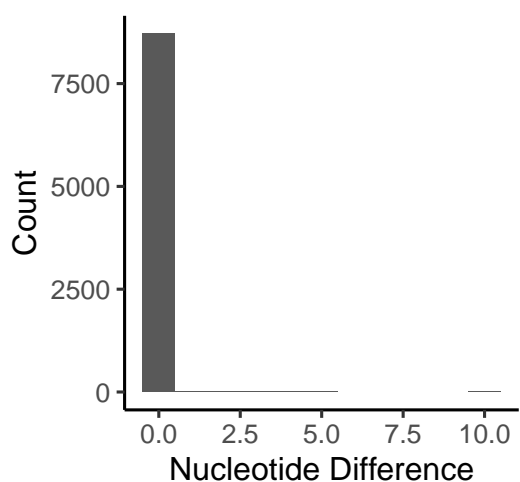
### TRBV7-3\*ap01

5675 sequences assigned  
5661 (99.8%) exact matches, in which:  
5659 unique CDR3  
13 unique J



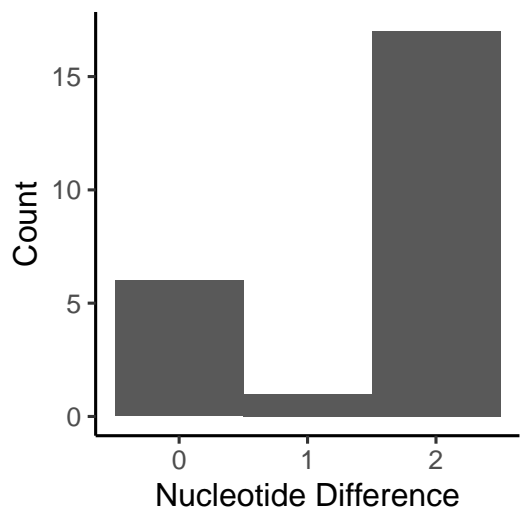
### TRBV6-23\*ap01

8735 sequences assigned  
8713 (99.7%) exact matches, in which:  
8703 unique CDR3  
13 unique J



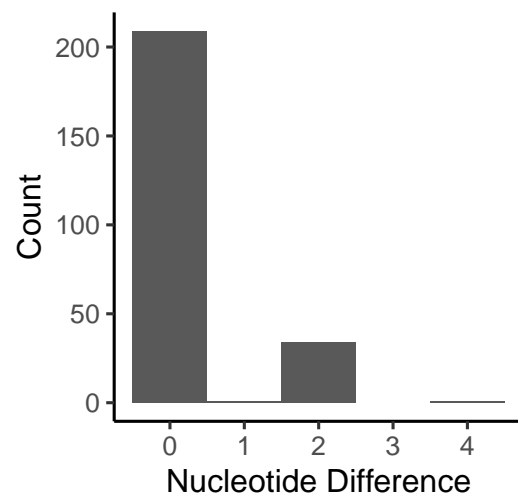
### TRBV7-1\*ap01

24 sequences assigned  
6 (25%) exact matches, in which:  
6 unique CDR3  
5 unique J



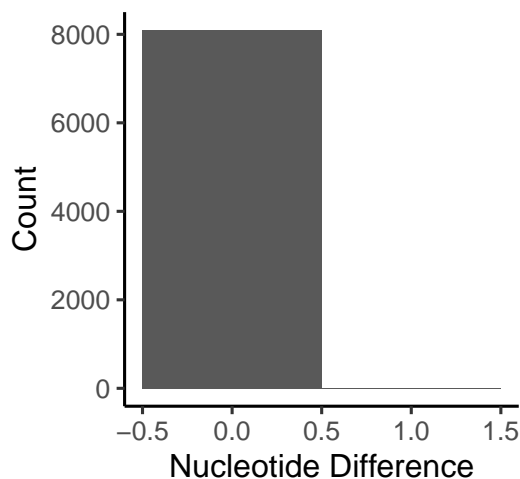
### TRBV7-4\*ap01

245 sequences assigned  
209 (85.3%) exact matches, in which:  
209 unique CDR3  
13 unique J



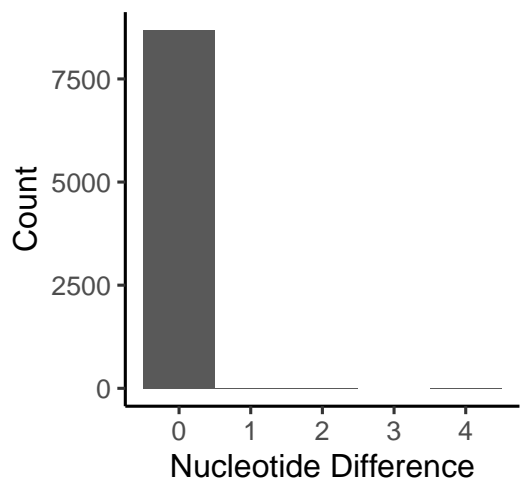
### TRBV6-56\*ap01

8100 sequences assigned  
8097 (100%) exact matches, in which:  
8089 unique CDR3  
13 unique J



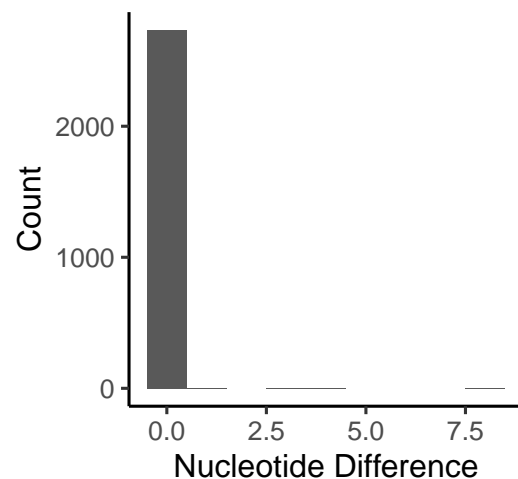
### TRBV7-2\*ap01

8700 sequences assigned  
8685 (99.8%) exact matches, in which:  
8684 unique CDR3  
13 unique J



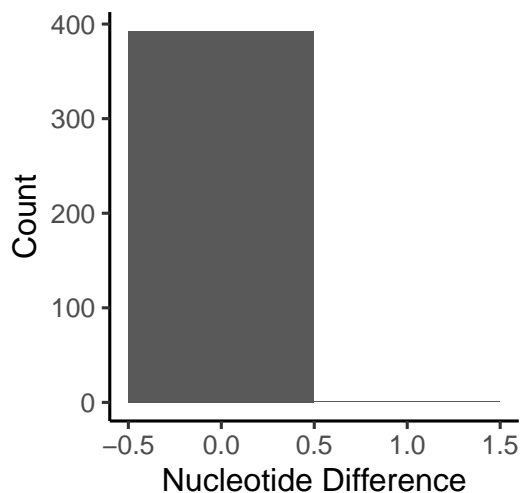
### TRBV7-6\*ap01

2740 sequences assigned  
2734 (99.8%) exact matches, in which:  
2733 unique CDR3  
13 unique J



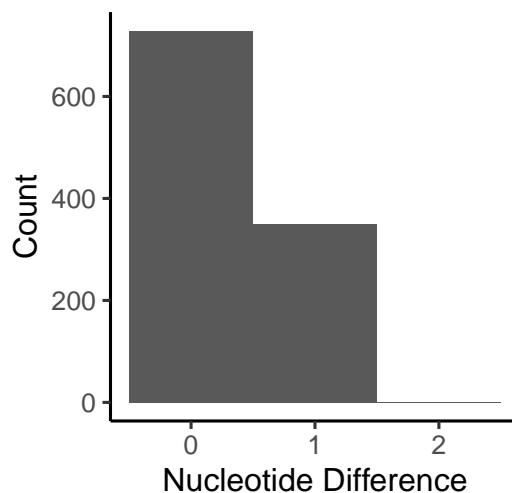
### TRBV7-7\*ap01

394 sequences assigned  
393 (99.7%) exact matches, in which:  
393 unique CDR3  
12 unique J



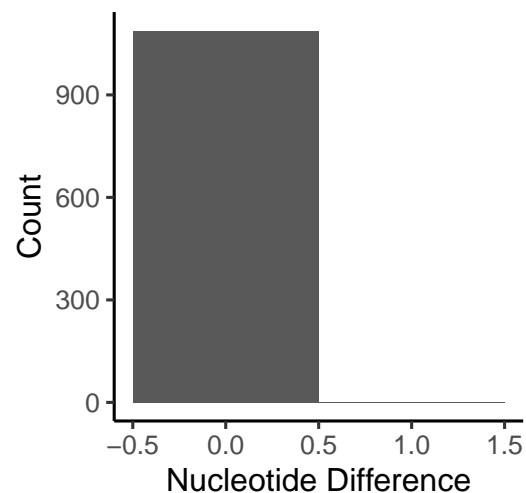
### TRBV7-8\*ap03

1080 sequences assigned  
729 (67.5%) exact matches, in which:  
729 unique CDR3  
13 unique J



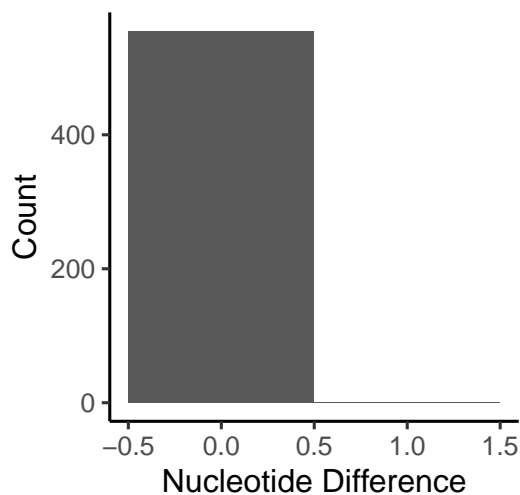
### TRBV29-1\*ap02

1090 sequences assigned  
1088 (99.8%) exact matches, in which:  
1087 unique CDR3  
13 unique J



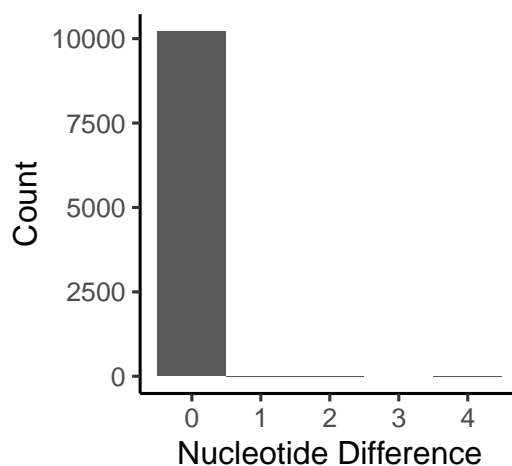
### TRBV7-7\*ap01\_C315T

556 sequences assigned  
555 (99.8%) exact matches, in which:  
555 unique CDR3  
13 unique J



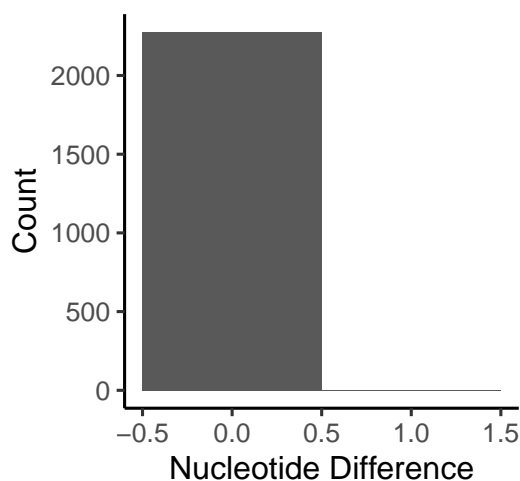
### TRBV7-9\*ap01

10224 sequences assigned  
10213 (99.9%) exact matches, in which:  
10209 unique CDR3  
13 unique J



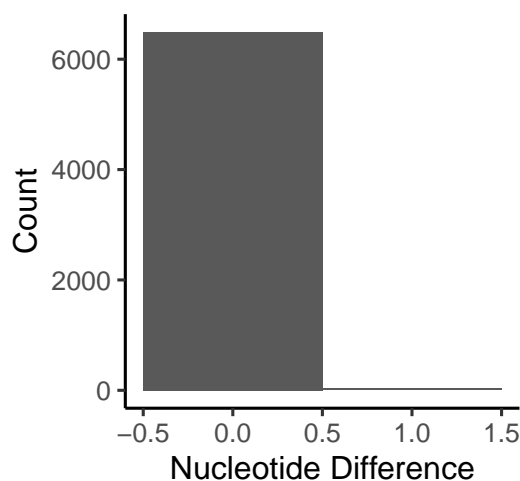
### TRBV7-8\*ap01

2277 sequences assigned  
2276 (100%) exact matches, in which:  
2275 unique CDR3  
13 unique J



### TRBV29-1\*ap01

6525 sequences assigned  
6492 (99.5%) exact matches, in which:  
6478 unique CDR3  
13 unique J



TRBV7-7\*ap01\_C315T

