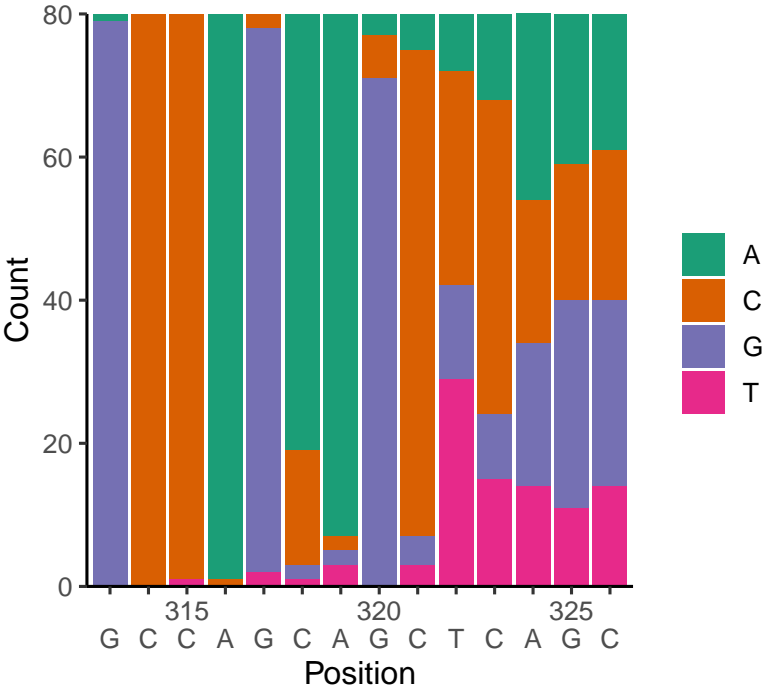
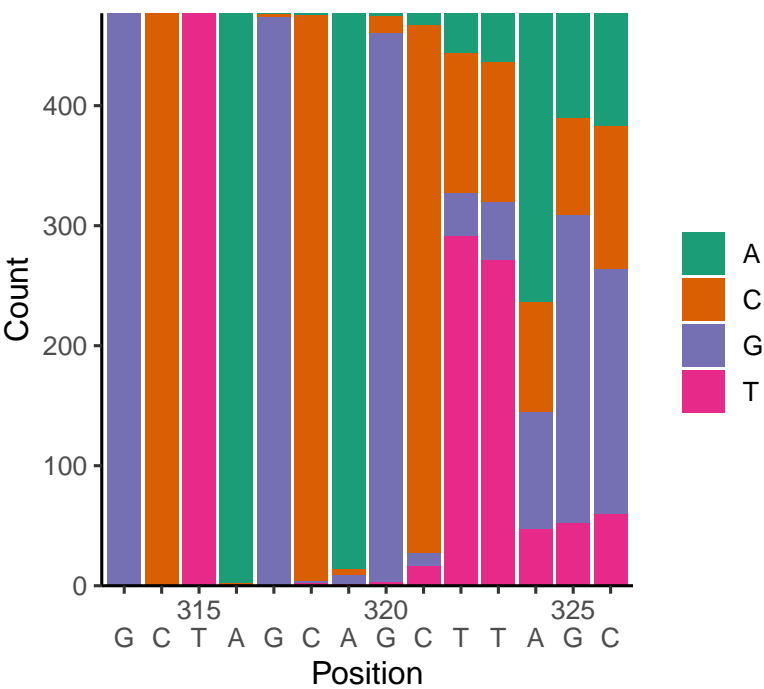


Gene TRBV7-1\*ap01\_T296C



Gene TRBV7-7\*ap01\_C315T



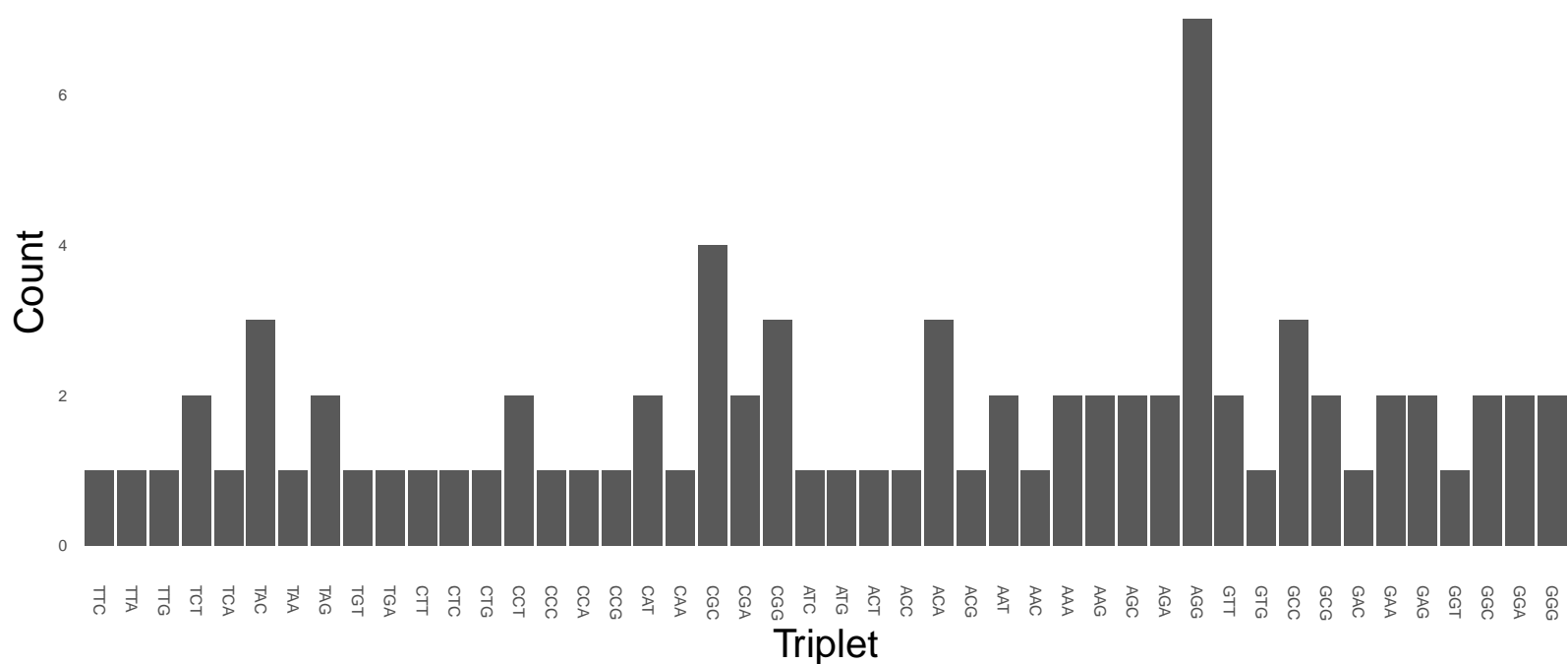
Gene TRBV7-1\*ap01\_T296C



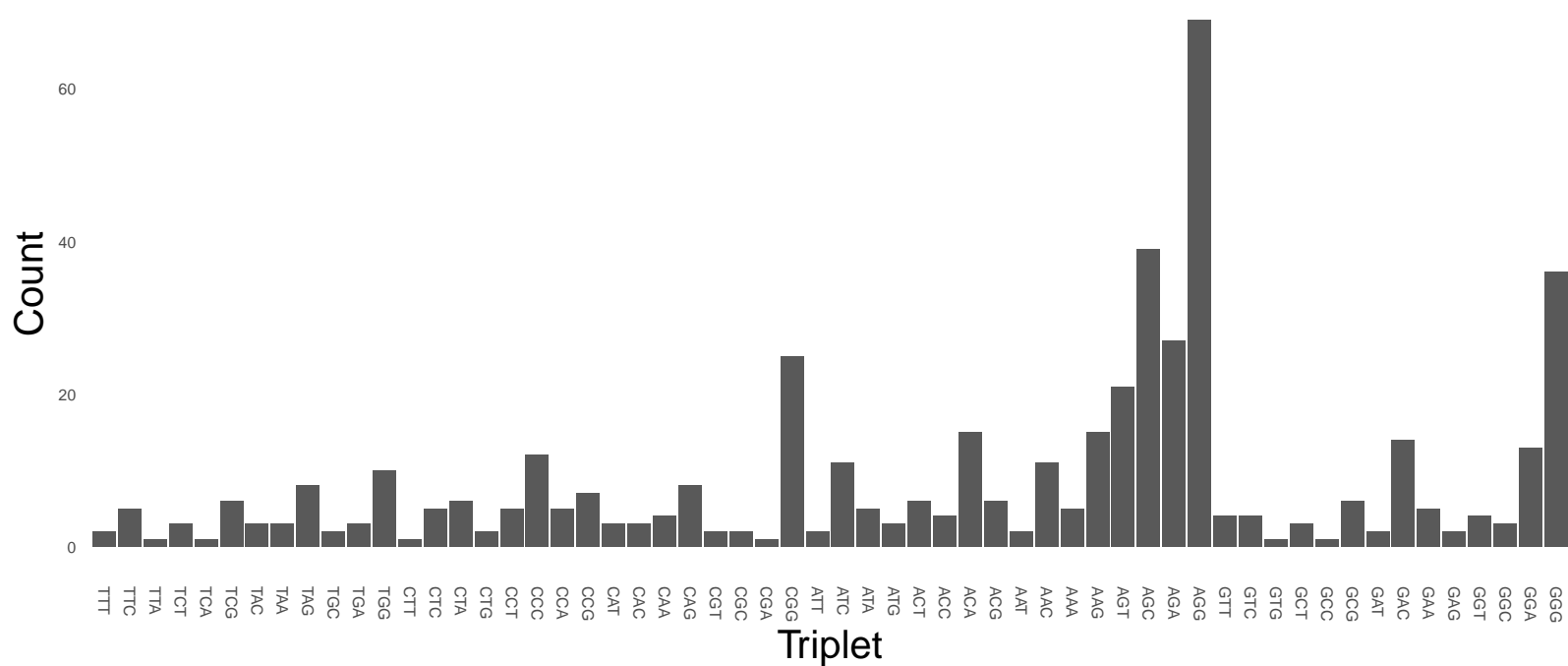
Gene TRBV7-7\*ap01\_C315T



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

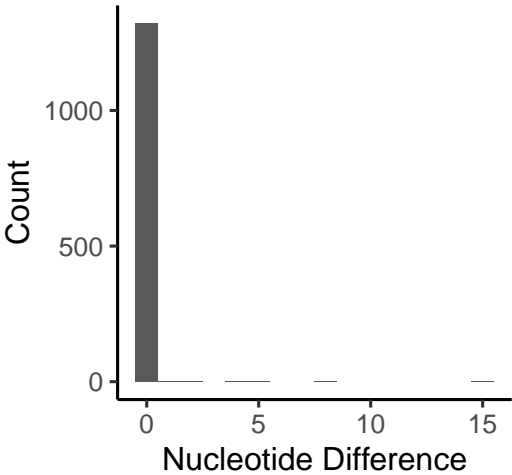


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



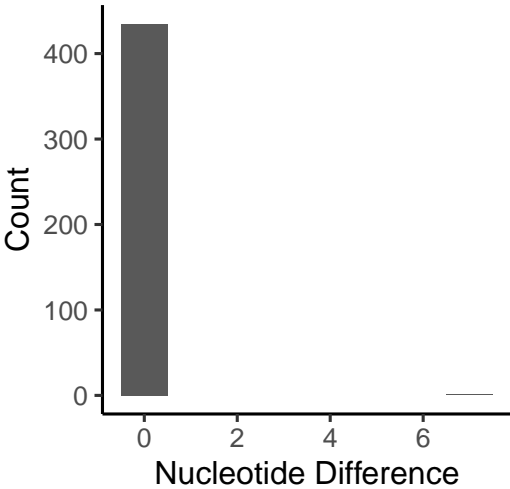
TRBV10-1\*ap01

1328 sequences assigned  
1321 (99.5%) exact matches, in which:  
1311 unique CDR3  
13 unique J



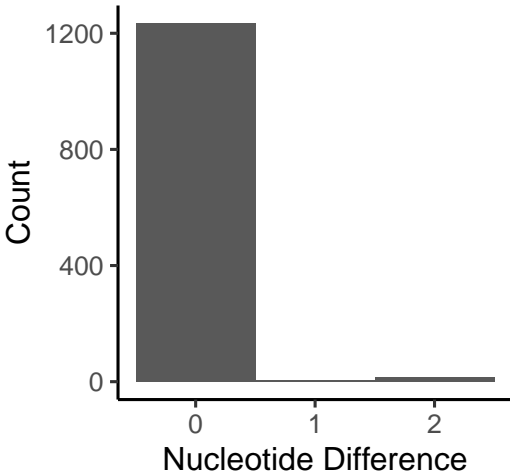
TRBV10-2\*ap01

436 sequences assigned  
435 (99.8%) exact matches, in which:  
433 unique CDR3  
13 unique J



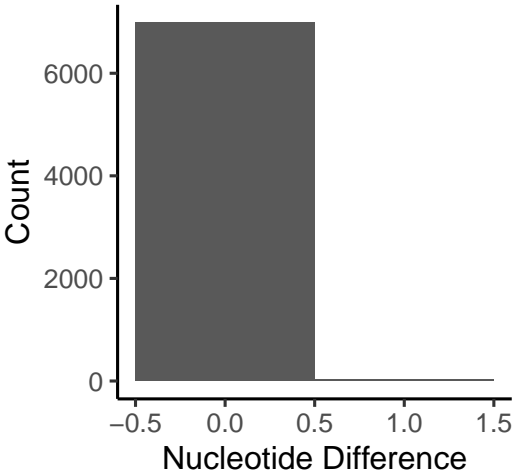
TRBV13\*ap01

1255 sequences assigned  
1234 (98.3%) exact matches, in which:  
1223 unique CDR3  
13 unique J



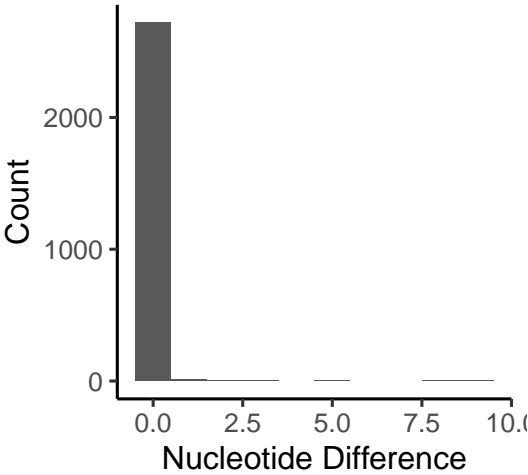
TRBV20-1\*ap01

7010 sequences assigned  
6985 (99.6%) exact matches, in which:  
6951 unique CDR3  
13 unique J



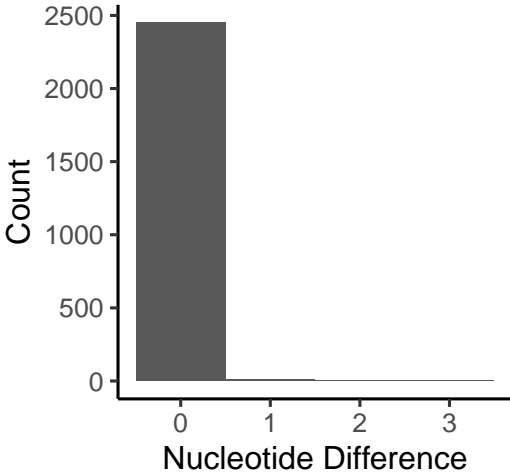
TRBV10-3\*ap01

2738 sequences assigned  
2719 (99.3%) exact matches, in which:  
2701 unique CDR3  
13 unique J



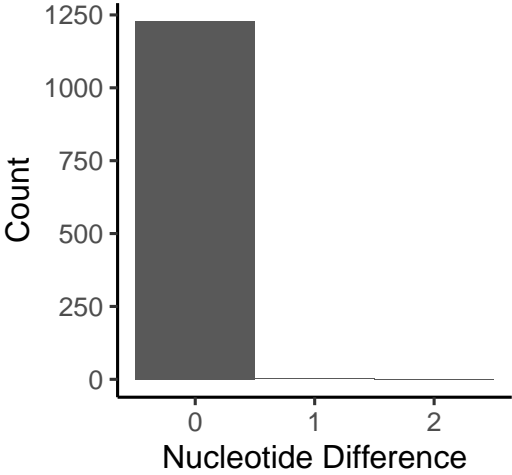
TRBV14\*ap01

2462 sequences assigned  
2450 (99.5%) exact matches, in which:  
2441 unique CDR3  
14 unique J



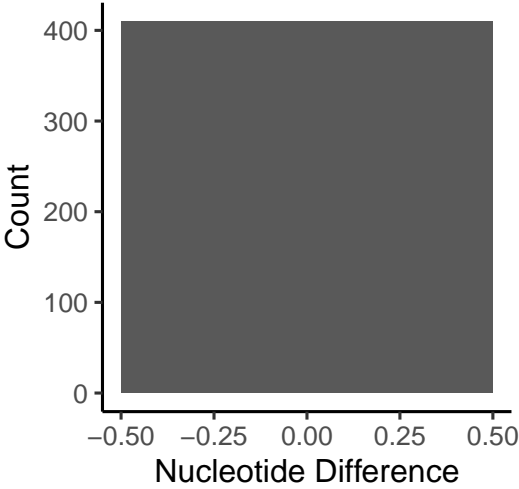
TRBV20-1\*ap02

1233 sequences assigned  
1229 (99.7%) exact matches, in which:  
1217 unique CDR3  
13 unique J



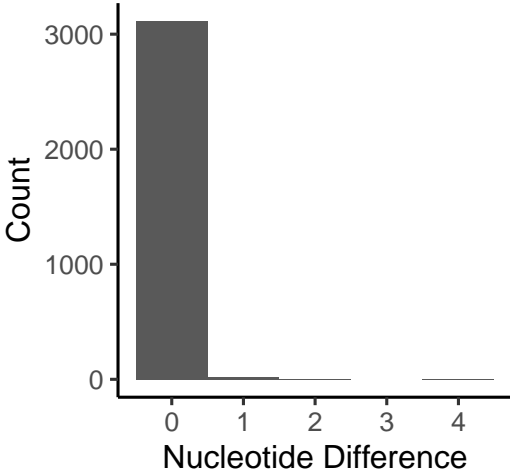
TRBV1\*ap01

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



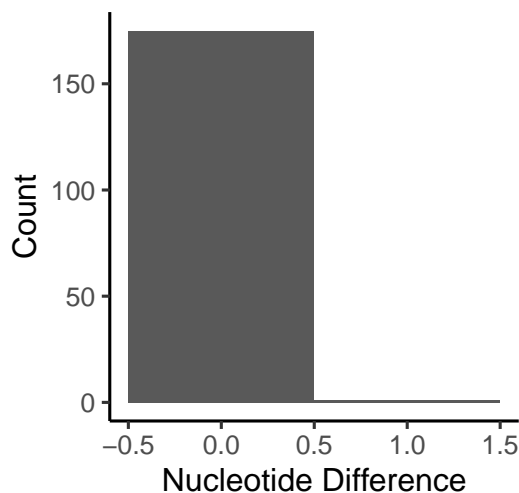
TRBV15\*ap02

3136 sequences assigned  
3114 (99.3%) exact matches, in which:  
3088 unique CDR3  
13 unique J



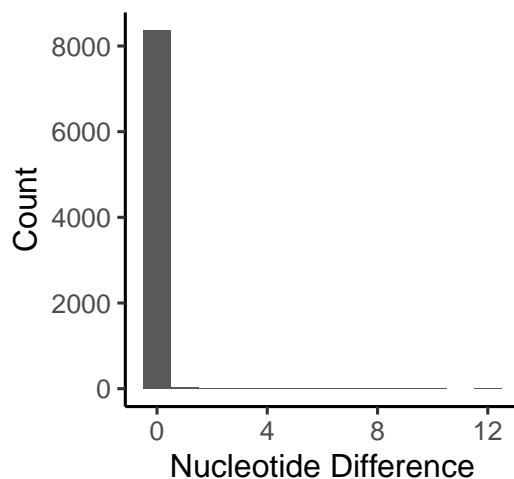
### TRBV16\*ap01

176 sequences assigned  
175 (99.4%) exact matches, in which:  
175 unique CDR3  
13 unique J



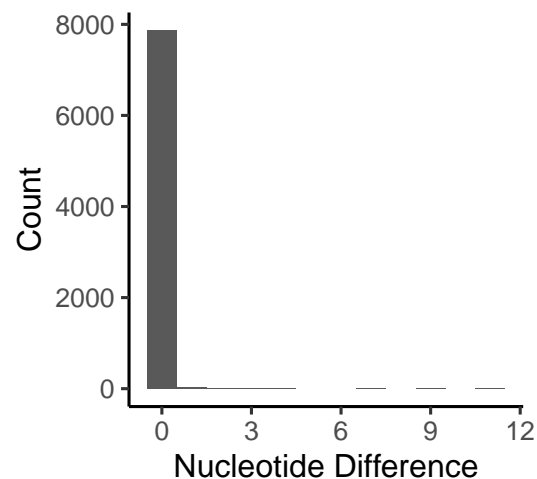
### TRBV19\*ap01

8420 sequences assigned  
8364 (99.3%) exact matches, in which:  
8330 unique CDR3  
13 unique J



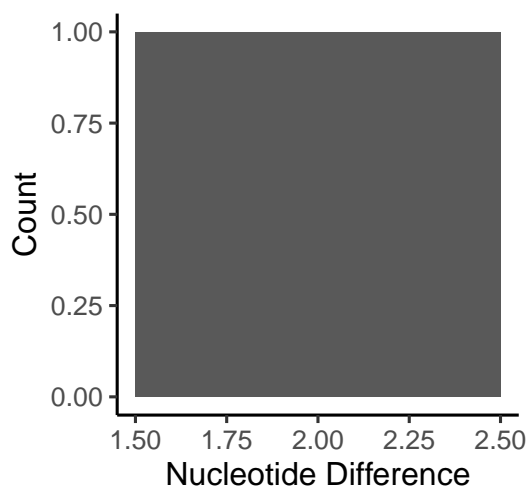
### TRBV27\*ap01

7905 sequences assigned  
7867 (99.5%) exact matches, in which:  
7807 unique CDR3  
13 unique J



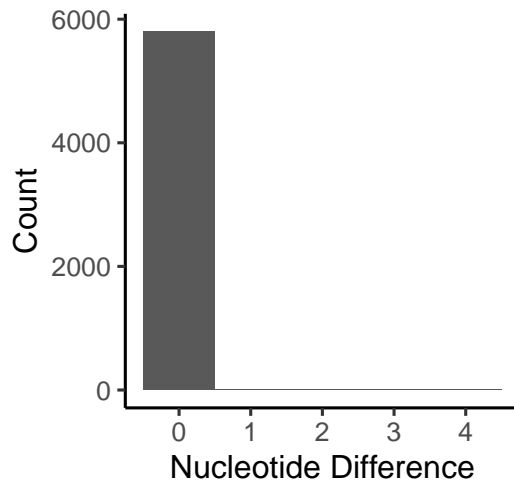
### TRBV17\*ap01

1 sequences assigned  
No exact matches.



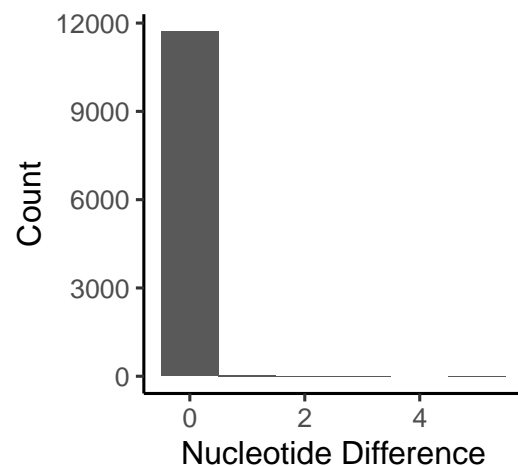
### TRBV2\*ap01

5819 sequences assigned  
5797 (99.6%) exact matches, in which:  
5754 unique CDR3  
13 unique J



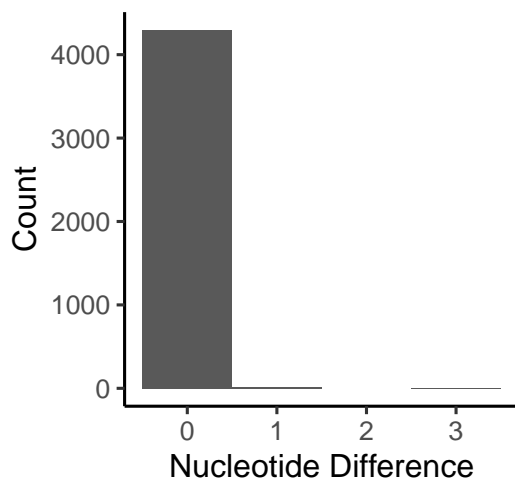
### TRBV28\*ap01

11765 sequences assigned  
11715 (99.6%) exact matches, in which:  
11655 unique CDR3  
13 unique J



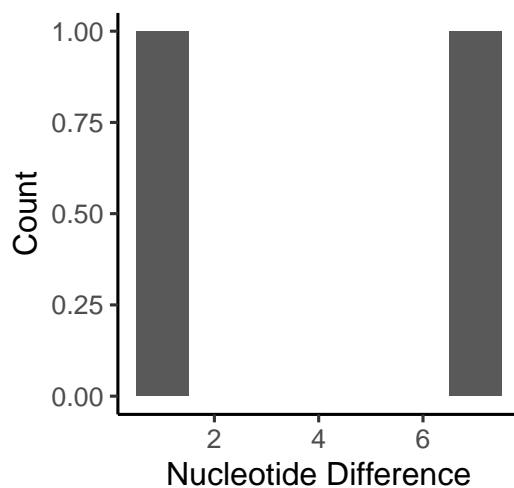
### TRBV18\*ap01

4310 sequences assigned  
4295 (99.7%) exact matches, in which:  
4282 unique CDR3  
13 unique J



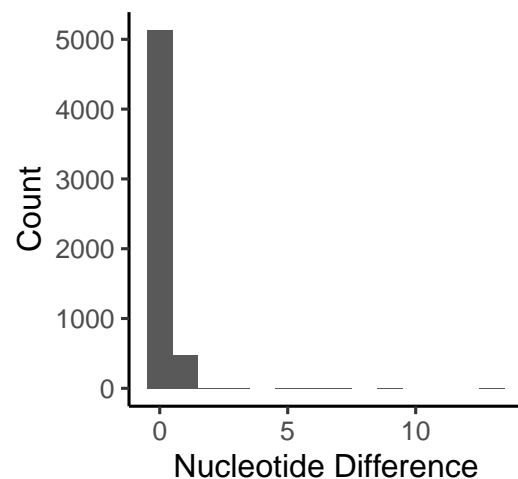
### TRBV26\*ap01

2 sequences assigned  
No exact matches.



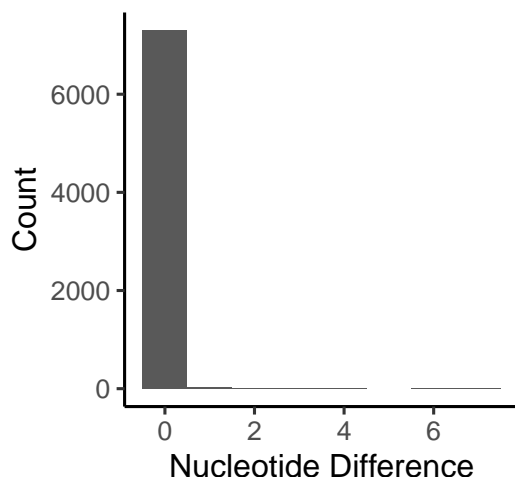
### TRBV30\*ap01

5634 sequences assigned  
5133 (91.1%) exact matches, in which:  
5044 unique CDR3  
13 unique J



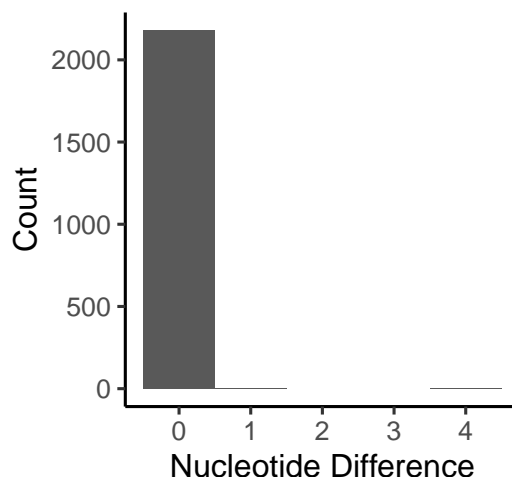
### TRBV9\*ap01

7327 sequences assigned  
7300 (99.6%) exact matches, in which:  
7272 unique CDR3  
13 unique J



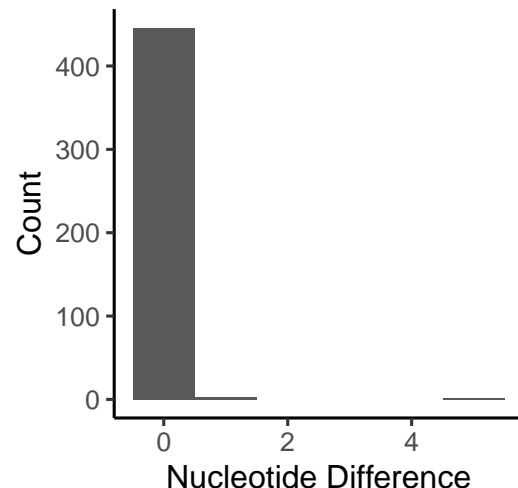
### TRBV11-2\*ap01

2184 sequences assigned  
2179 (99.8%) exact matches, in which:  
2173 unique CDR3  
13 unique J



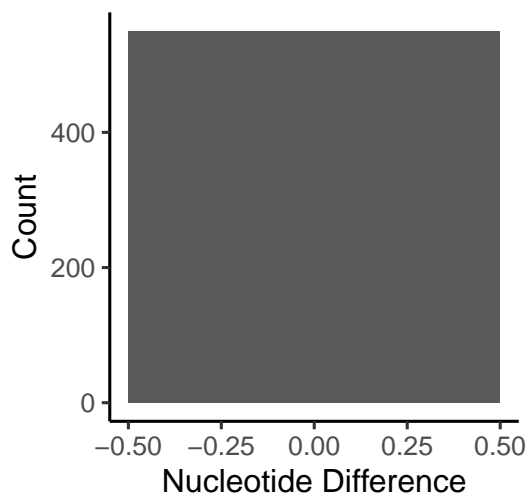
### TRBV12-2\*ap01

451 sequences assigned  
446 (98.9%) exact matches, in which:  
441 unique CDR3  
13 unique J



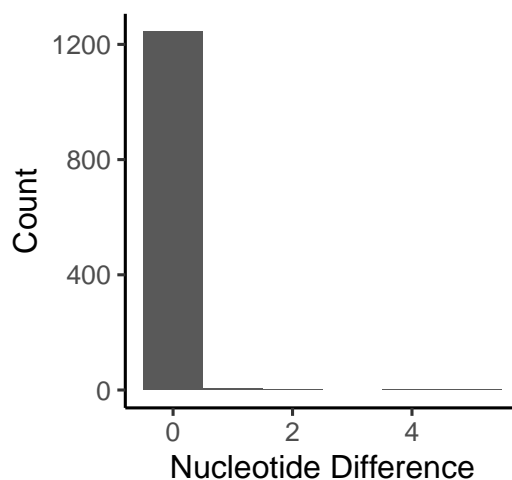
### TRBV11-1\*ap01

550 sequences assigned  
550 (100%) exact matches, in which:  
548 unique CDR3  
13 unique J



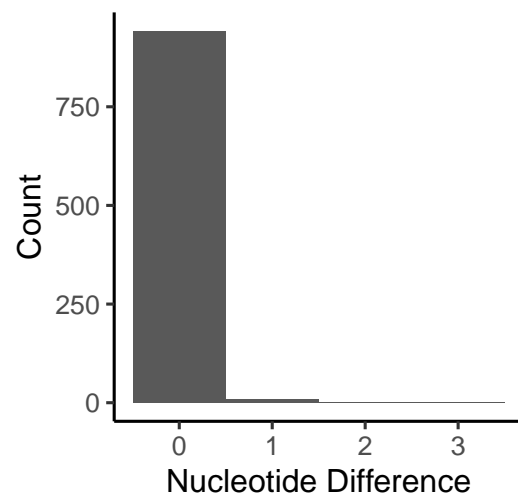
### TRBV11-3\*ap01

1252 sequences assigned  
1244 (99.4%) exact matches, in which:  
1239 unique CDR3  
13 unique J



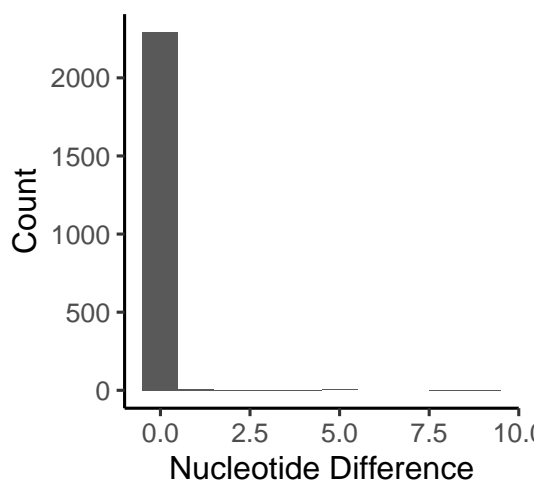
### TRBV12-5\*ap01

953 sequences assigned  
942 (98.8%) exact matches, in which:  
938 unique CDR3  
14 unique J



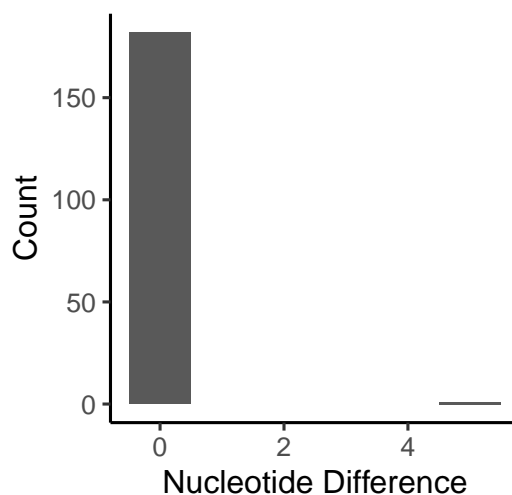
### TRBV21-1\*ap01

2313 sequences assigned  
2293 (99.1%) exact matches, in which:  
2280 unique CDR3  
13 unique J



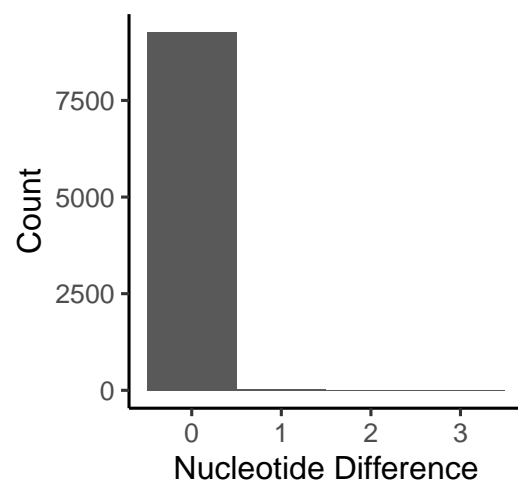
### TRBV12-1\*ap01

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



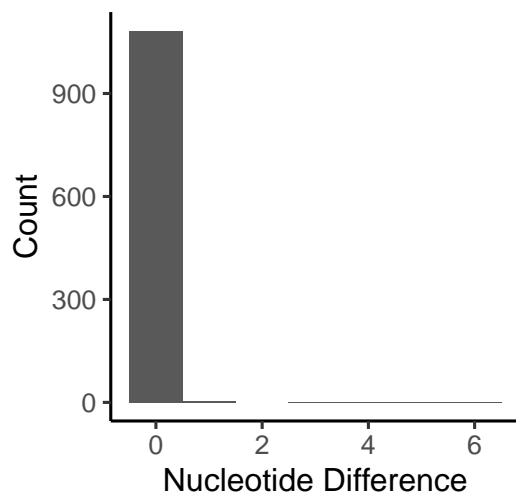
### TRBV12-34\*ap01

9312 sequences assigned  
9269 (99.5%) exact matches, in which:  
9179 unique CDR3  
13 unique J



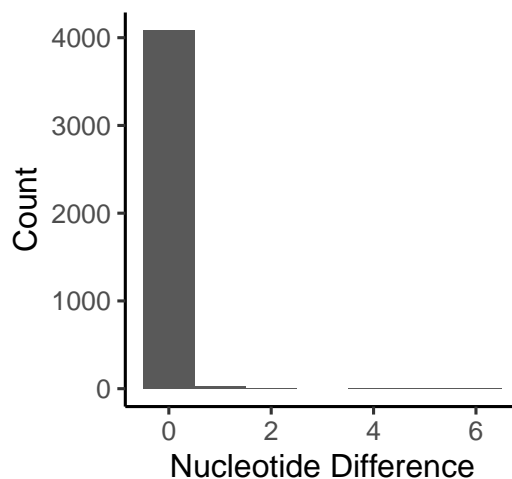
### TRBV23–1\*ap01

1093 sequences assigned  
1083 (99.1%) exact matches, in which:  
1080 unique CDR3  
13 unique J



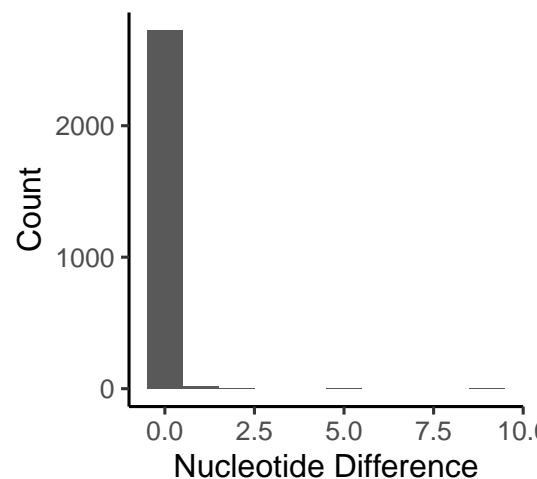
### TRBV4–1\*ap01

4112 sequences assigned  
4083 (99.3%) exact matches, in which:  
4044 unique CDR3  
13 unique J



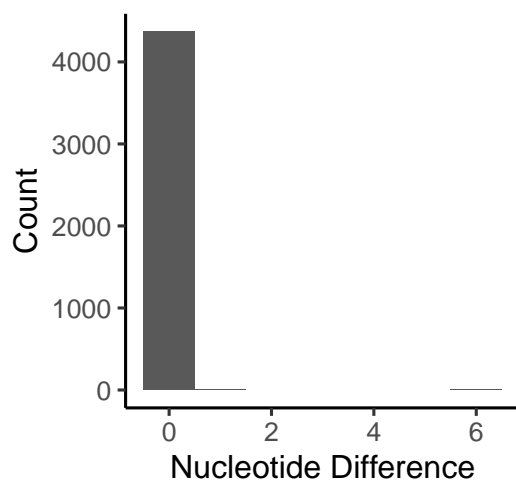
### TRBV25–1\*ap01

2749 sequences assigned  
2725 (99.1%) exact matches, in which:  
2696 unique CDR3  
13 unique J



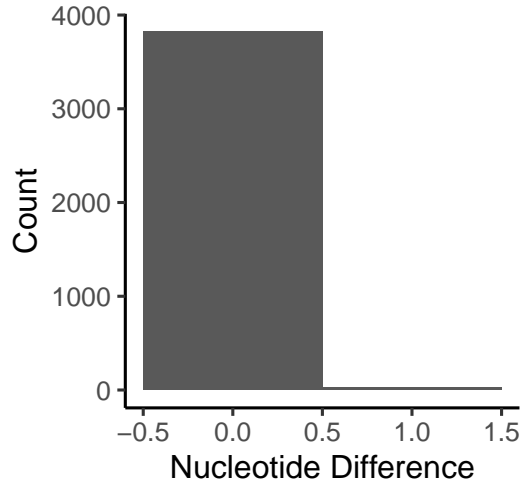
### TRBV3–12\*ap01

4383 sequences assigned  
4368 (99.7%) exact matches, in which:  
4356 unique CDR3  
13 unique J



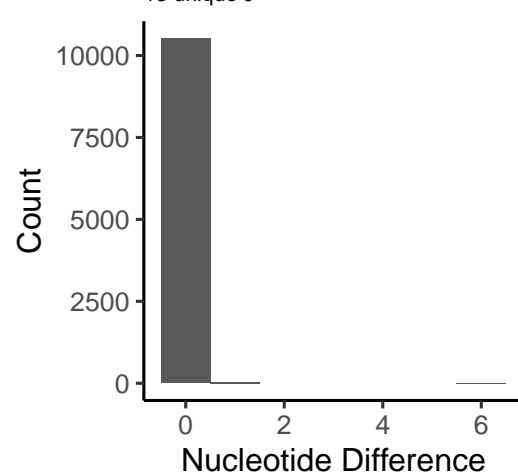
### TRBV4–2\*ap01

3845 sequences assigned  
3822 (99.4%) exact matches, in which:  
3788 unique CDR3  
13 unique J



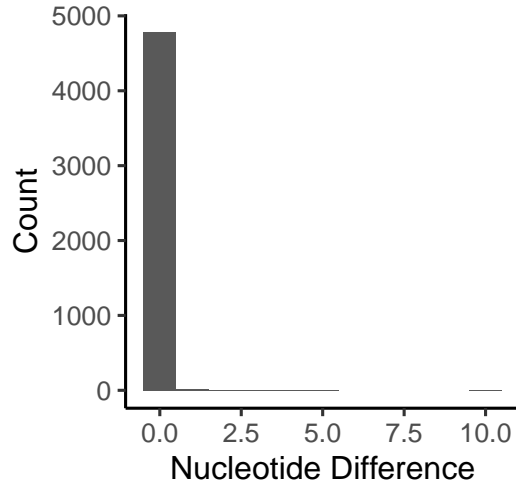
### TRBV5–1\*ap01

10558 sequences assigned  
10521 (99.6%) exact matches, in which:  
10416 unique CDR3  
13 unique J



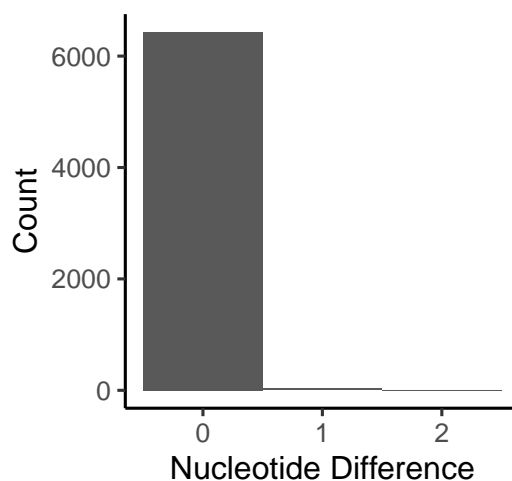
### TRBV24–1\*ap01

4809 sequences assigned  
4784 (99.5%) exact matches, in which:  
4746 unique CDR3  
13 unique J



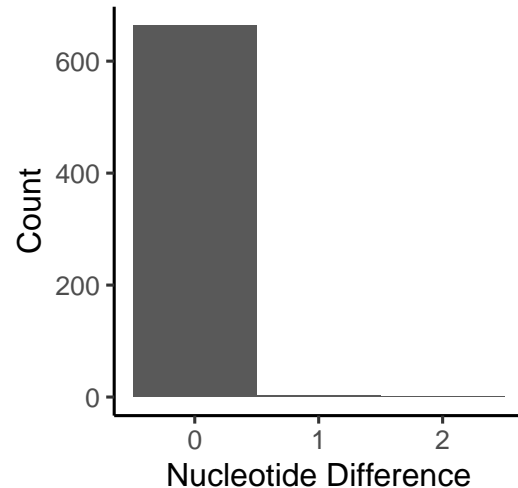
### TRBV4–3\*ap01

6467 sequences assigned  
6432 (99.5%) exact matches, in which:  
6369 unique CDR3  
13 unique J



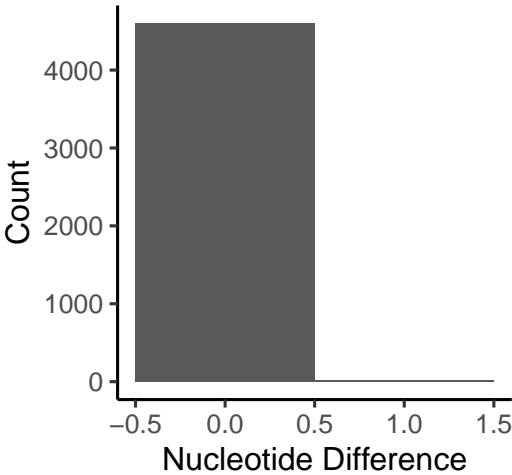
### TRBV5–3\*ap01

668 sequences assigned  
664 (99.4%) exact matches, in which:  
654 unique CDR3  
13 unique J



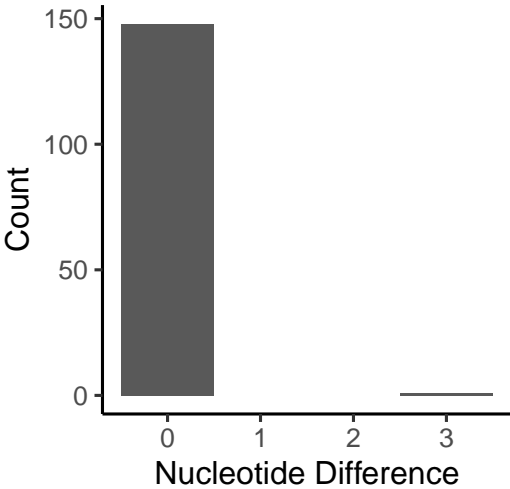
TRBV5-4\*ap01

4622 sequences assigned  
4599 (99.5%) exact matches, in which:  
4562 unique CDR3  
13 unique J



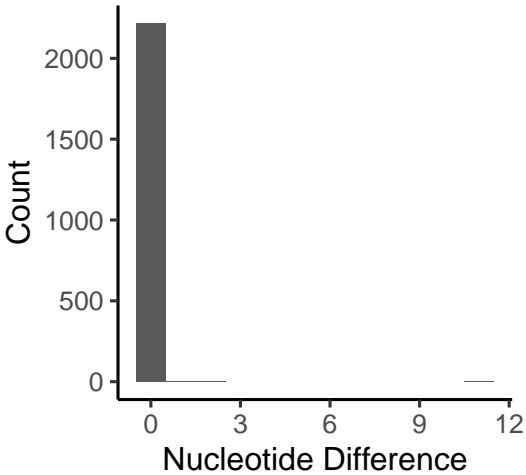
TRBV5-7\*ap01

149 sequences assigned  
148 (99.3%) exact matches, in which:  
144 unique CDR3  
11 unique J



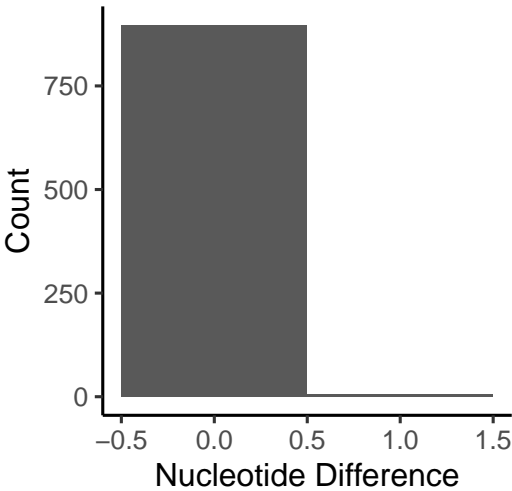
TRBV6-4\*ap01

2225 sequences assigned  
2216 (99.6%) exact matches, in which:  
2205 unique CDR3  
13 unique J



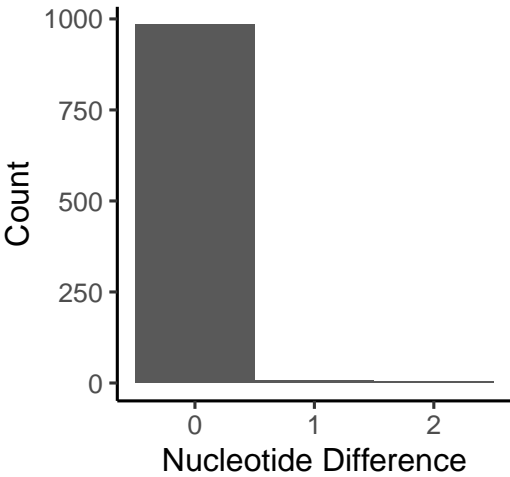
TRBV5-5\*ap01

902 sequences assigned  
897 (99.4%) exact matches, in which:  
894 unique CDR3  
13 unique J



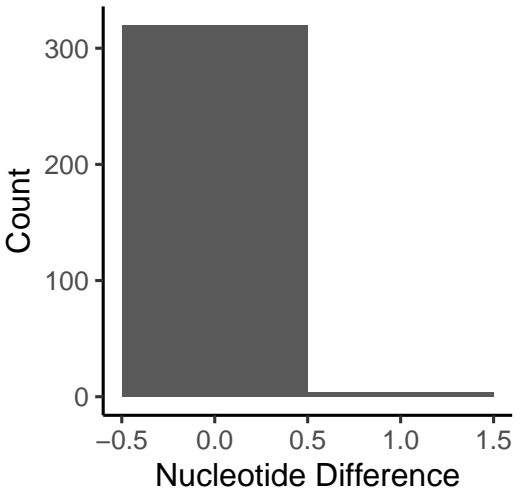
TRBV5-8\*ap01

995 sequences assigned  
984 (98.9%) exact matches, in which:  
982 unique CDR3  
13 unique J



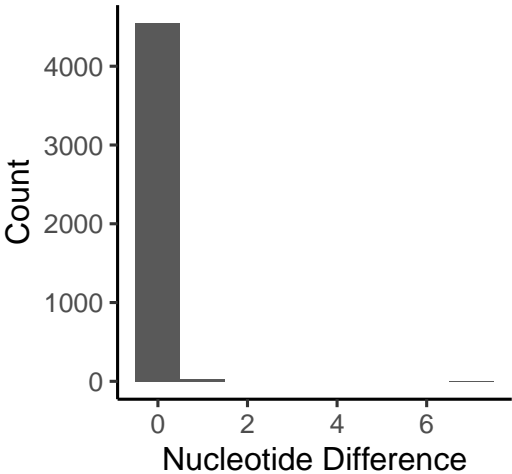
TRBV6-7\*ap01

324 sequences assigned  
320 (98.8%) exact matches, in which:  
319 unique CDR3  
13 unique J



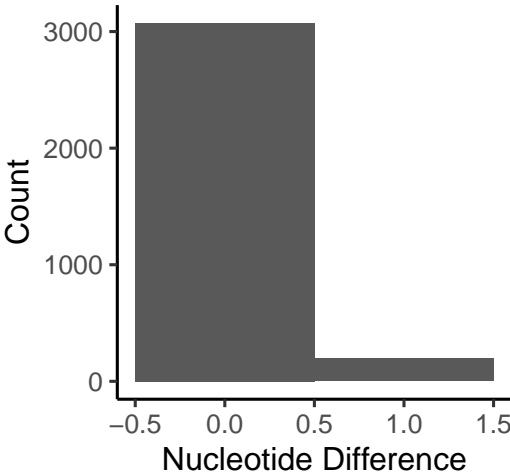
TRBV5-6\*ap01

4582 sequences assigned  
4548 (99.3%) exact matches, in which:  
4483 unique CDR3  
13 unique J



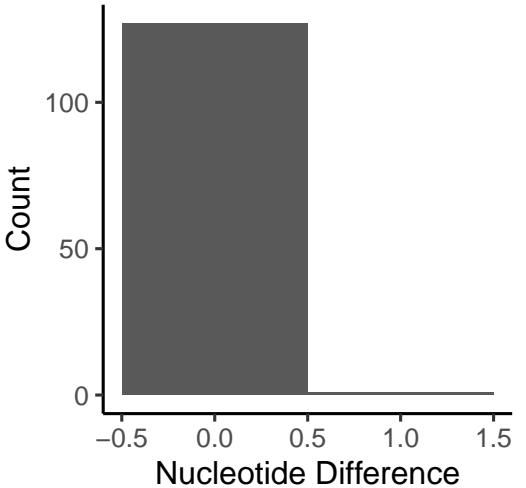
TRBV6-1\*ap01

3268 sequences assigned  
3073 (94%) exact matches, in which:  
3039 unique CDR3  
13 unique J



TRBV6-8\*ap01

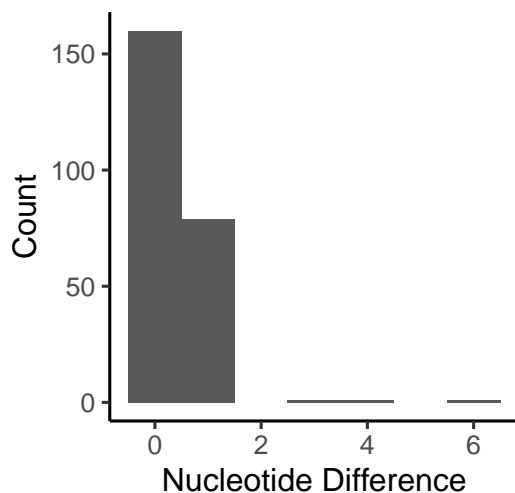
128 sequences assigned  
127 (99.2%) exact matches, in which:  
127 unique CDR3  
13 unique J





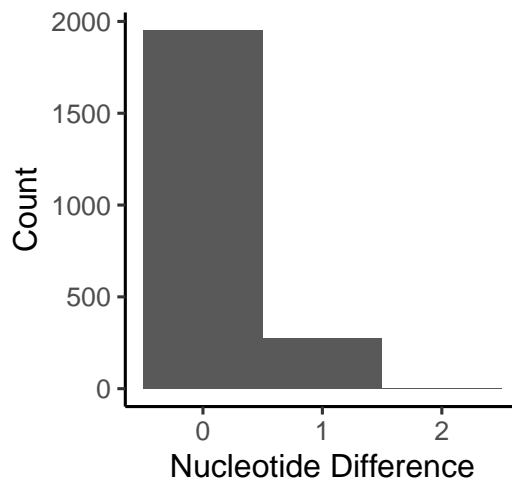
### TRBV6-9\*ap01

242 sequences assigned  
160 (66.1%) exact matches, in which:  
158 unique CDR3  
13 unique J



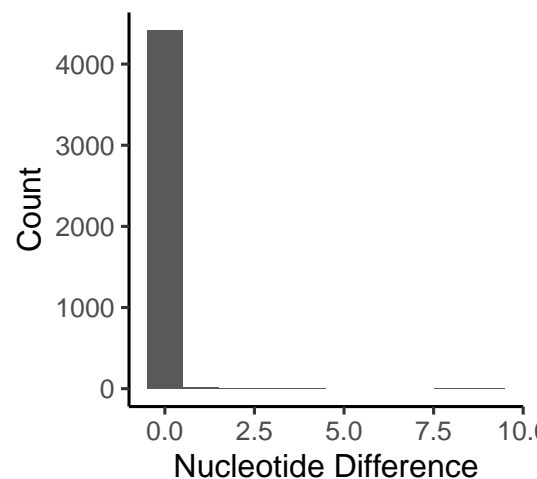
### TRBV6-56\*ap02

2230 sequences assigned  
1951 (87.5%) exact matches, in which:  
1935 unique CDR3  
13 unique J



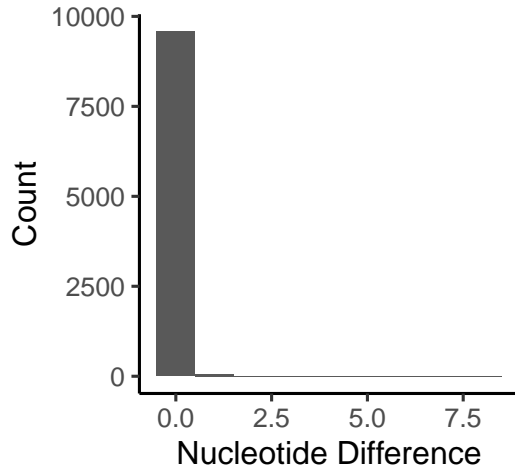
### TRBV7-3\*ap01

4441 sequences assigned  
4415 (99.4%) exact matches, in which:  
4393 unique CDR3  
13 unique J



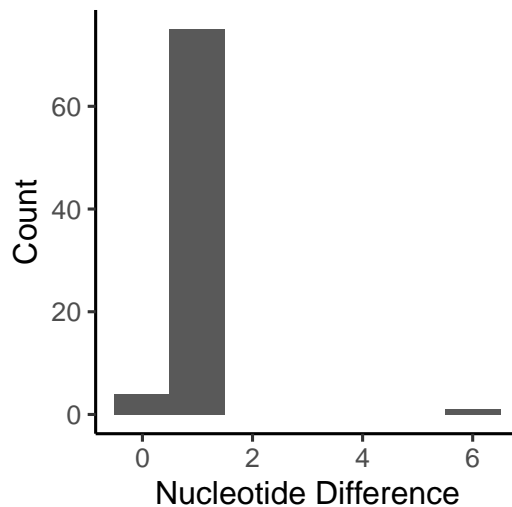
### TRBV6-23\*ap01

9663 sequences assigned  
9581 (99.2%) exact matches, in which:  
9455 unique CDR3  
13 unique J



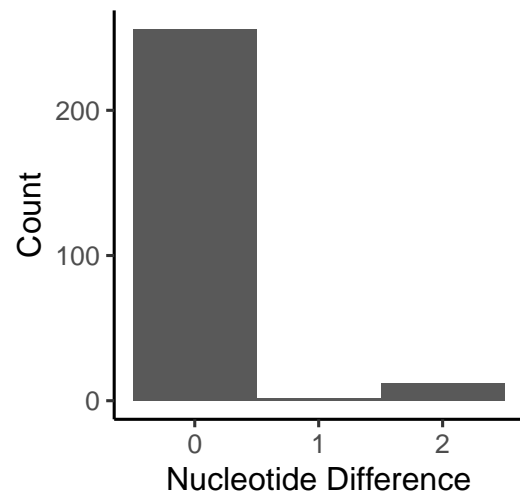
### TRBV7-1\*ap01\_T296C

80 sequences assigned  
4 (5%) exact matches, in which:  
4 unique CDR3  
2 unique J



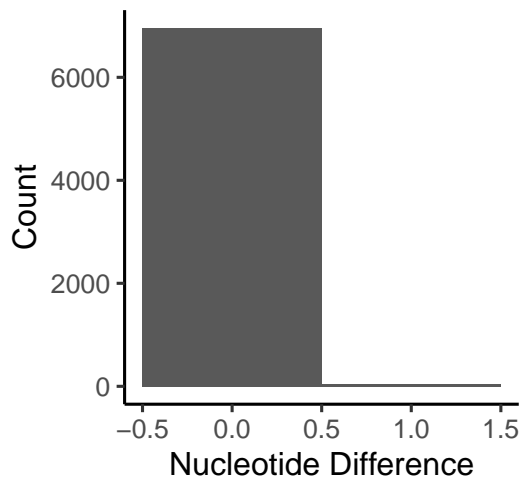
### TRBV7-4\*ap01

270 sequences assigned  
256 (94.8%) exact matches, in which:  
253 unique CDR3  
13 unique J



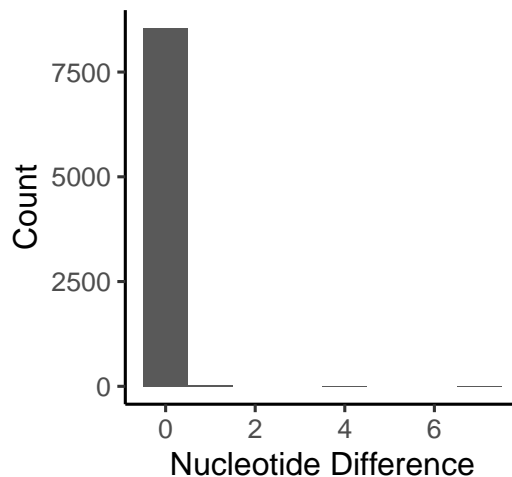
### TRBV6-56\*ap01

6998 sequences assigned  
6957 (99.4%) exact matches, in which:  
6864 unique CDR3  
13 unique J



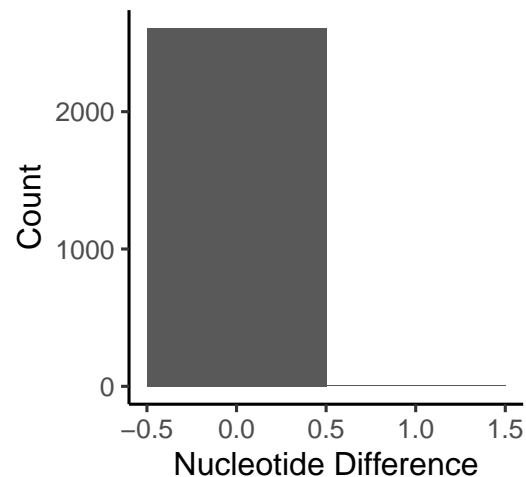
### TRBV7-2\*ap01

8579 sequences assigned  
8550 (99.7%) exact matches, in which:  
8508 unique CDR3  
13 unique J



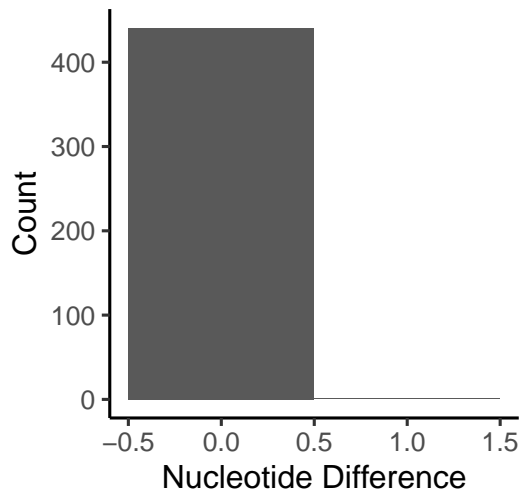
### TRBV7-6\*ap01

2616 sequences assigned  
2609 (99.7%) exact matches, in which:  
2597 unique CDR3  
13 unique J



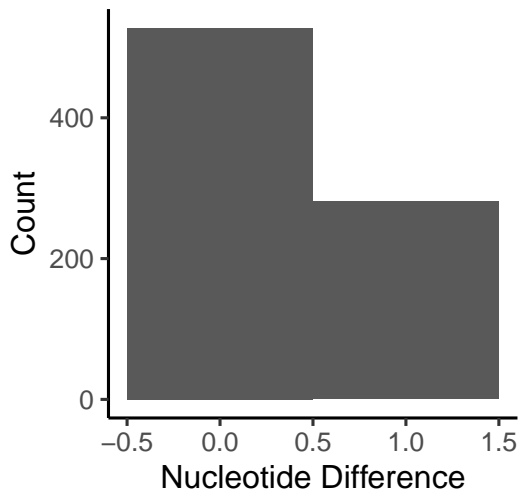
### TRBV7-7\*ap01

442 sequences assigned  
441 (99.8%) exact matches, in which:  
439 unique CDR3  
13 unique J



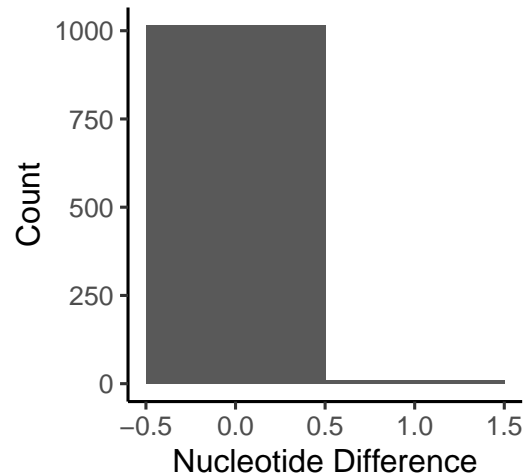
### TRBV7-8\*ap03

809 sequences assigned  
528 (65.3%) exact matches, in which:  
523 unique CDR3  
13 unique J



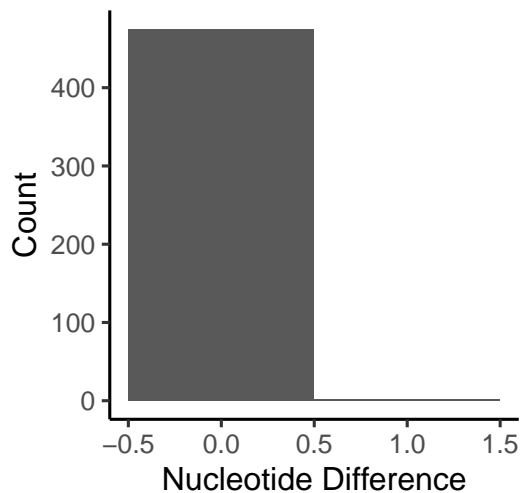
### TRBV29-1\*ap02

1024 sequences assigned  
1015 (99.1%) exact matches, in which:  
1001 unique CDR3  
13 unique J



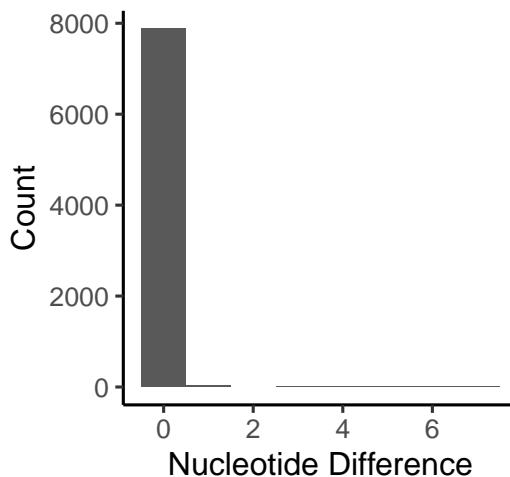
### TRBV7-7\*ap01\_C315T

477 sequences assigned  
475 (99.6%) exact matches, in which:  
474 unique CDR3  
13 unique J



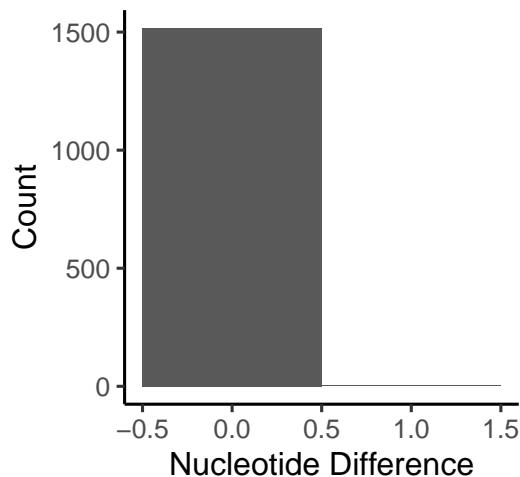
### TRBV7-9\*ap01

7912 sequences assigned  
7880 (99.6%) exact matches, in which:  
7829 unique CDR3  
13 unique J



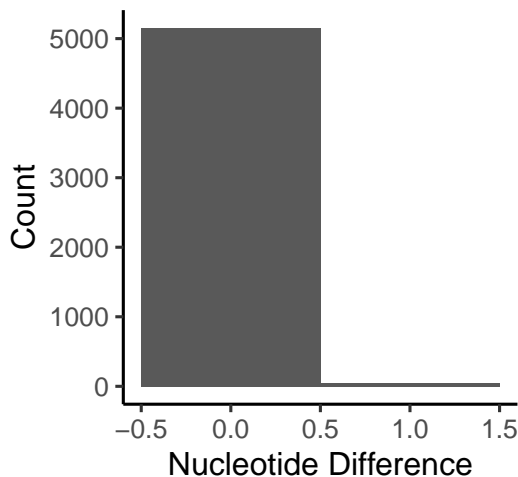
### TRBV7-8\*ap01

1521 sequences assigned  
1517 (99.7%) exact matches, in which:  
1511 unique CDR3  
13 unique J

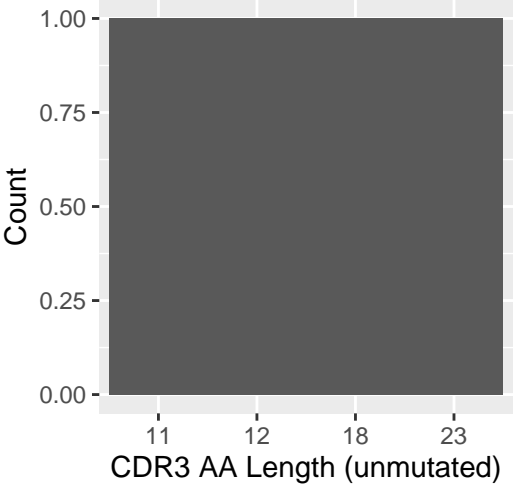


### TRBV29-1\*ap01

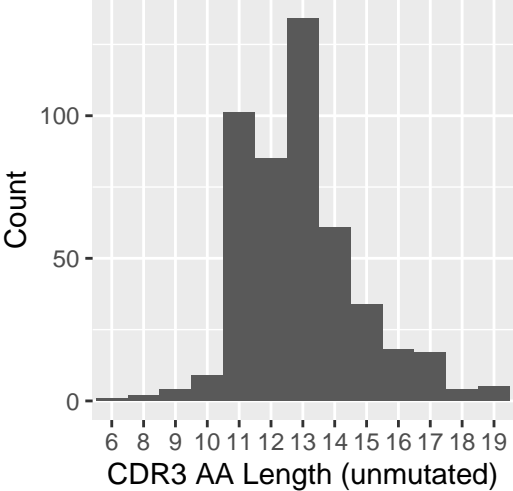
5199 sequences assigned  
5152 (99.1%) exact matches, in which:  
5063 unique CDR3  
13 unique J



TRBV7-1\*ap01\_T296C



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.