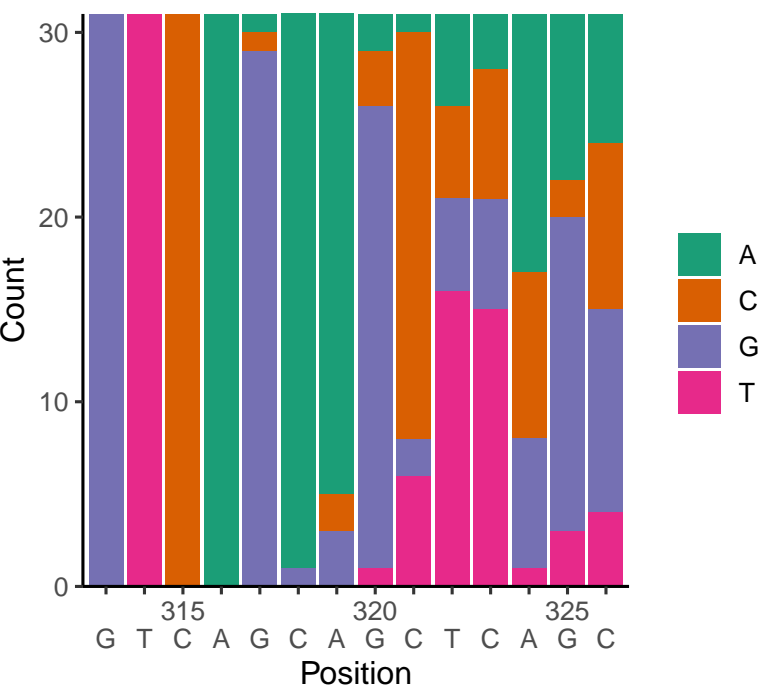
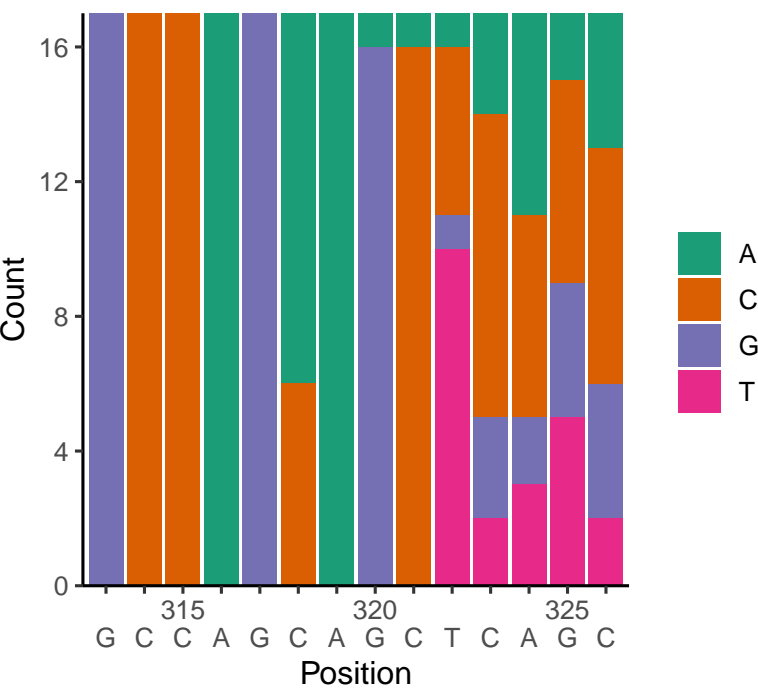


Gene TRBV7-1\*ap01\_T296C\_C314T



Gene TRBV7-1\*ap01\_T296C



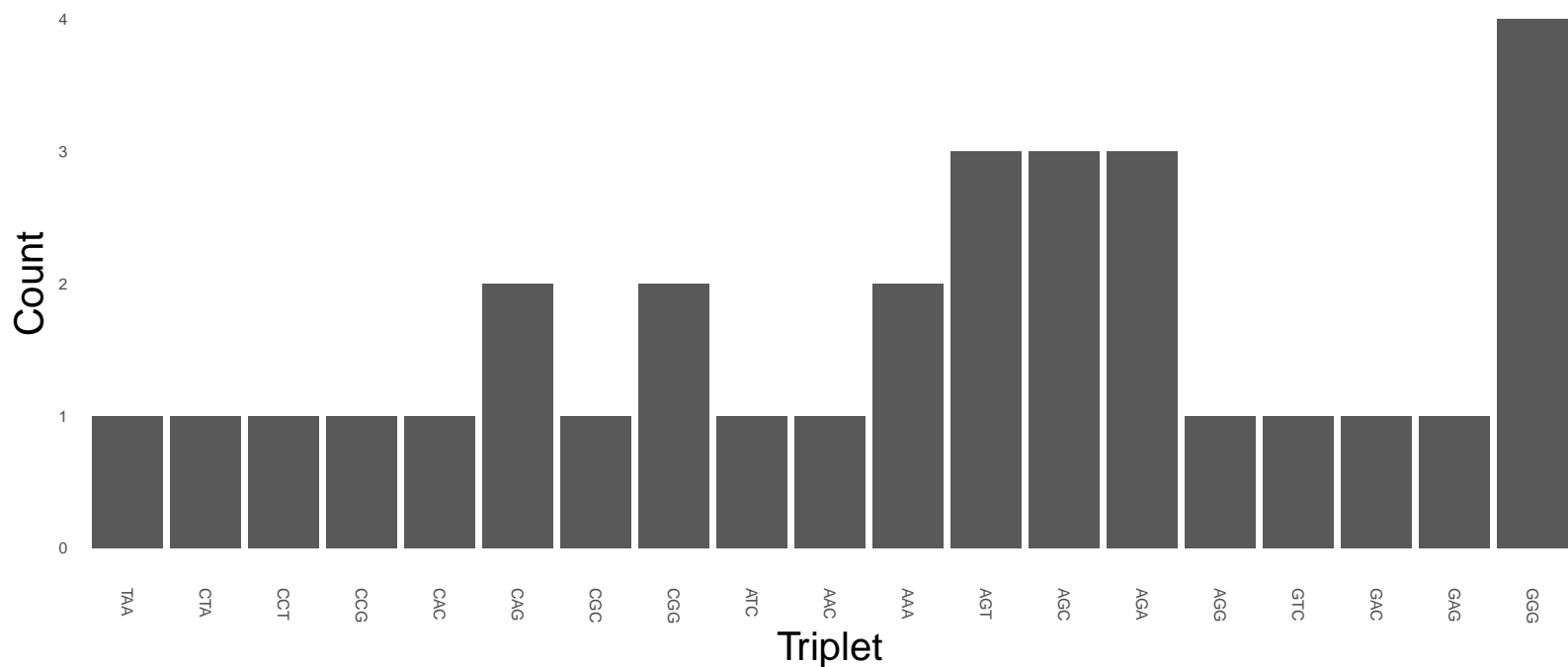
Gene TRBV7-1\*ap01\_T296C\_C314T



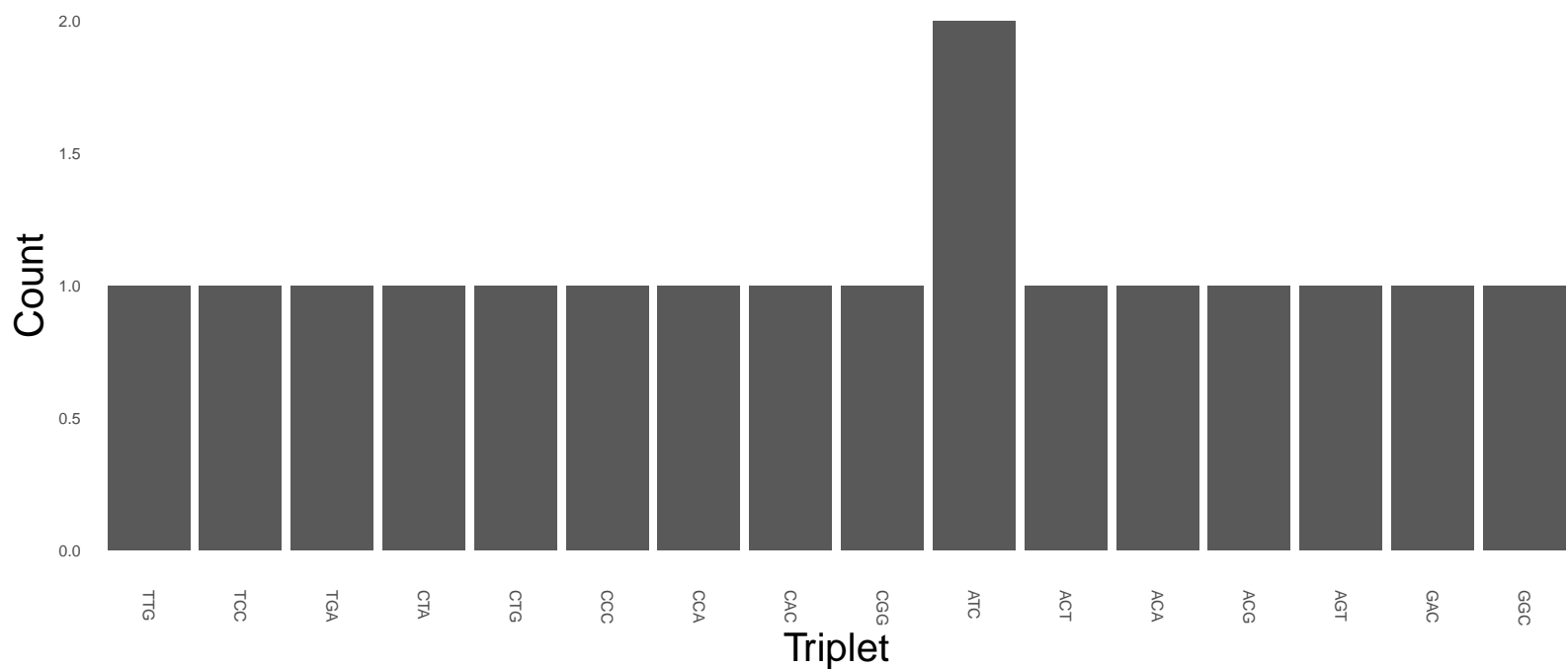
Gene TRBV7-1\*ap01\_T296C



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

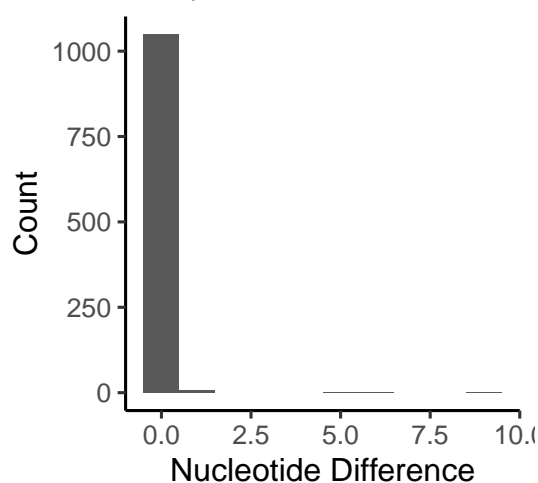


TRBV7-1\*ap01\_T296C- Final 3 nucleotides as a triplet



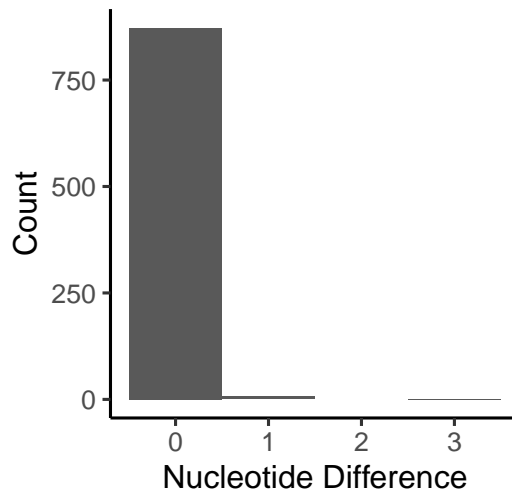
### TRBV10–1\*ap01

1059 sequences assigned  
1049 (99.1%) exact matches, in which:  
1040 unique CDR3  
13 unique J



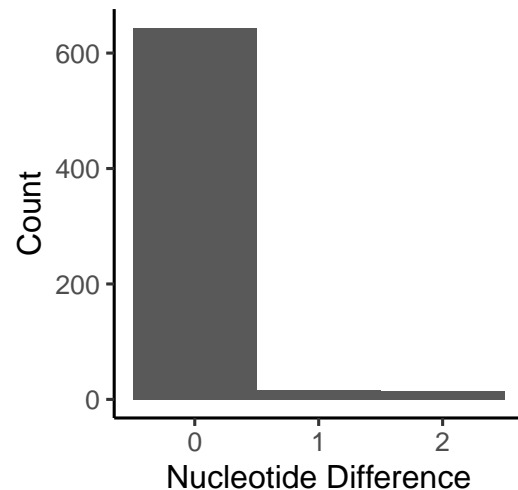
### TRBV10–2\*ap01

881 sequences assigned  
873 (99.1%) exact matches, in which:  
865 unique CDR3  
13 unique J



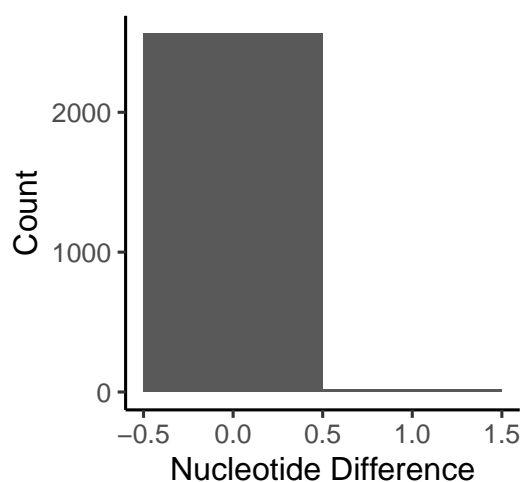
### TRBV13\*ap01

674 sequences assigned  
644 (95.5%) exact matches, in which:  
628 unique CDR3  
13 unique J



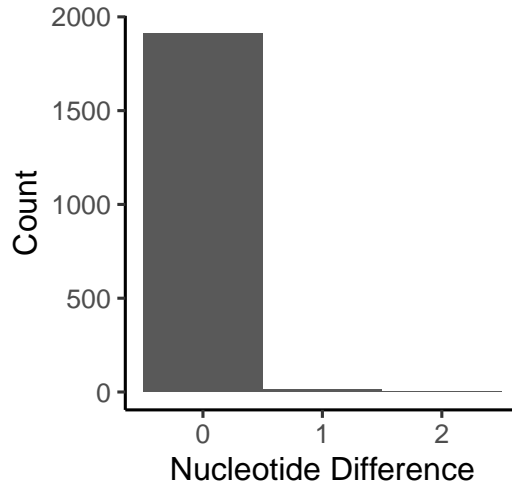
### TRBV20–1\*ap01

2580 sequences assigned  
2562 (99.3%) exact matches, in which:  
2552 unique CDR3  
13 unique J



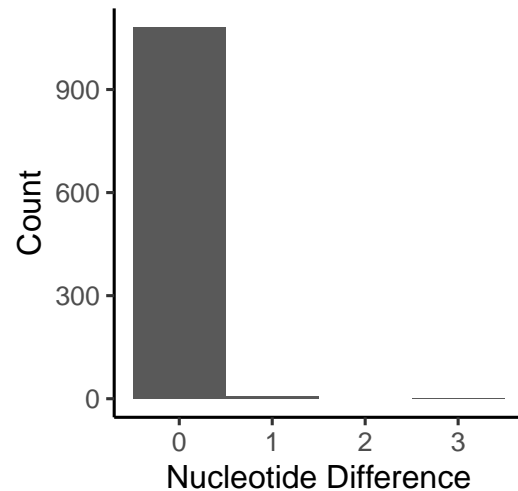
### TRBV10–3\*ap01

1922 sequences assigned  
1910 (99.4%) exact matches, in which:  
1888 unique CDR3  
13 unique J



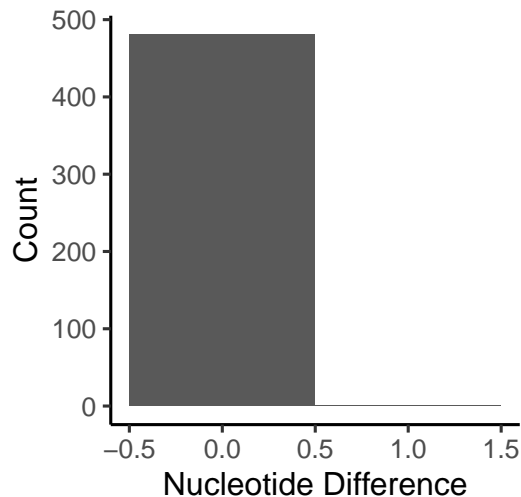
### TRBV14\*ap01

1091 sequences assigned  
1082 (99.2%) exact matches, in which:  
1073 unique CDR3  
13 unique J



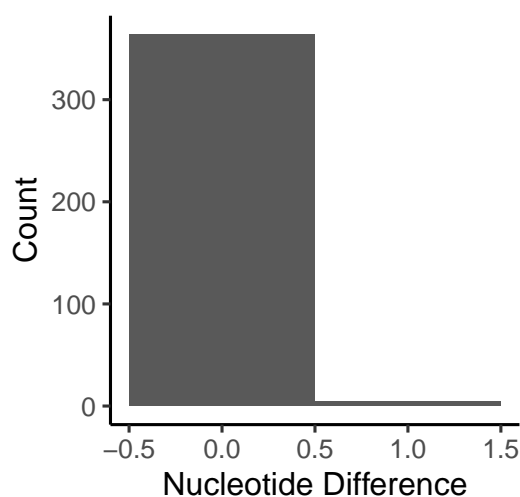
### TRBV20–1\*ap02

482 sequences assigned  
481 (99.8%) exact matches, in which:  
477 unique CDR3  
13 unique J



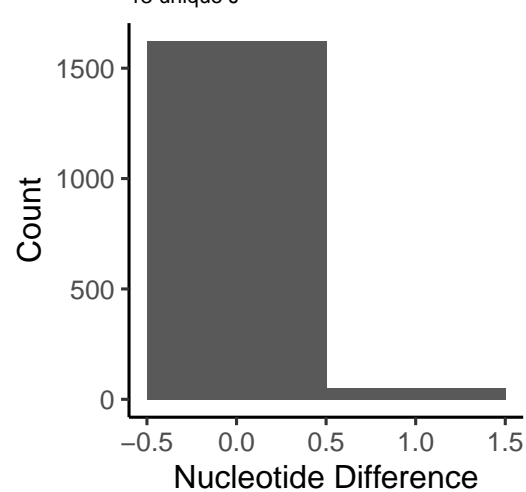
### TRBV1\*ap01

368 sequences assigned  
364 (98.9%) exact matches, in which:  
349 unique CDR3  
13 unique J



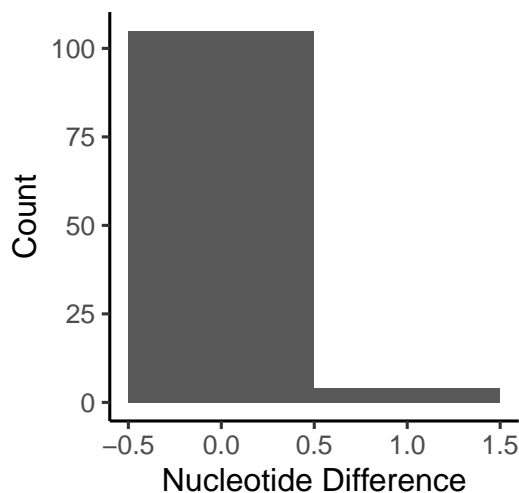
### TRBV15\*ap02

1675 sequences assigned  
1623 (96.9%) exact matches, in which:  
1606 unique CDR3  
13 unique J



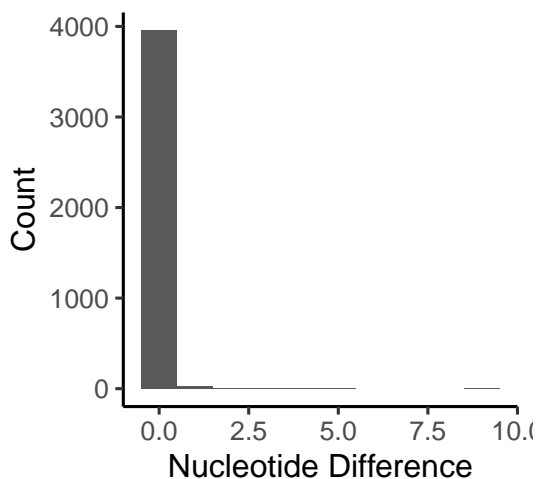
### TRBV16\*ap01

109 sequences assigned  
105 (96.3%) exact matches, in which:  
105 unique CDR3  
11 unique J



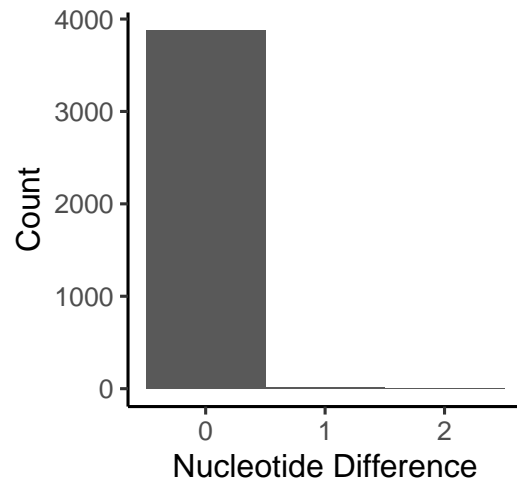
### TRBV19\*ap01

3985 sequences assigned  
3956 (99.3%) exact matches, in which:  
3942 unique CDR3  
13 unique J



### TRBV28\*ap01

3895 sequences assigned  
3877 (99.5%) exact matches, in which:  
3859 unique CDR3  
13 unique J



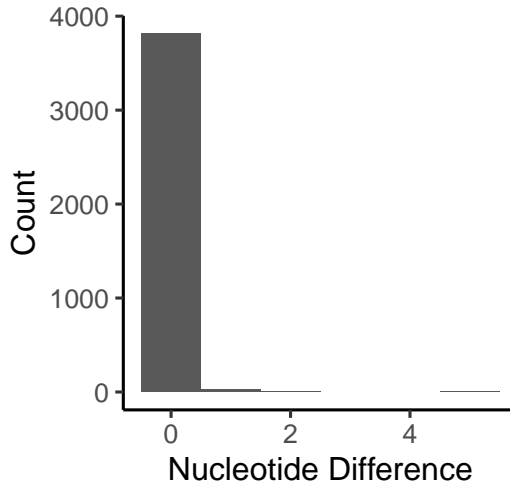
### TRBV17\*ap01

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



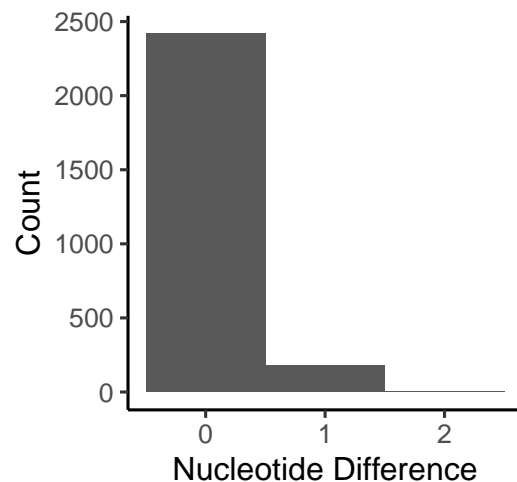
### TRBV2\*ap01

3841 sequences assigned  
3813 (99.3%) exact matches, in which:  
3784 unique CDR3  
13 unique J



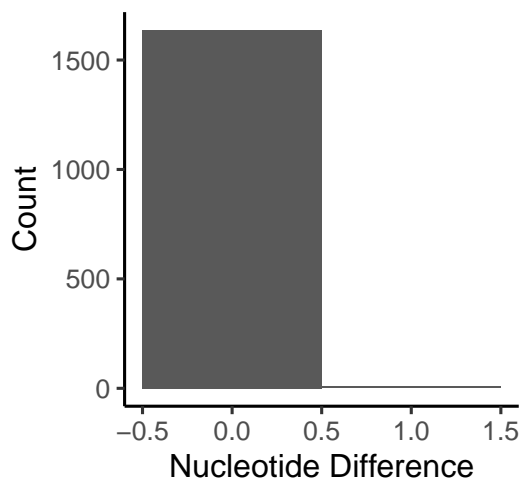
### TRBV30\*ap01

2602 sequences assigned  
2418 (92.9%) exact matches, in which:  
2389 unique CDR3  
13 unique J



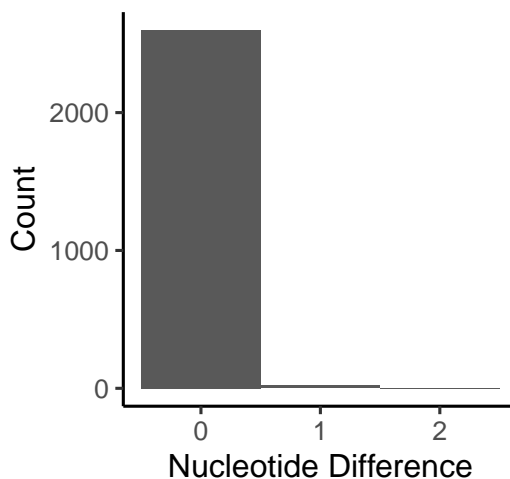
### TRBV18\*ap01

1645 sequences assigned  
1637 (99.5%) exact matches, in which:  
1635 unique CDR3  
13 unique J



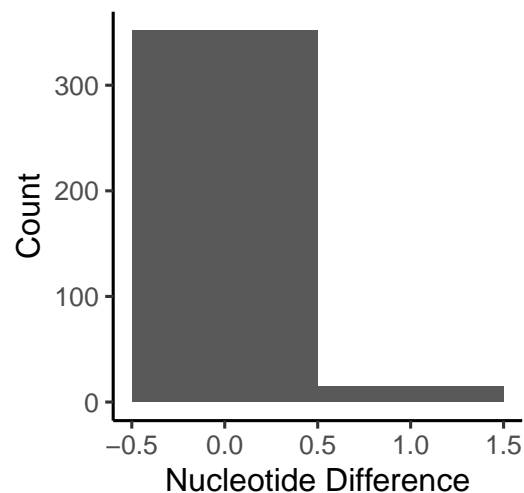
### TRBV27\*ap01

2621 sequences assigned  
2599 (99.2%) exact matches, in which:  
2578 unique CDR3  
13 unique J



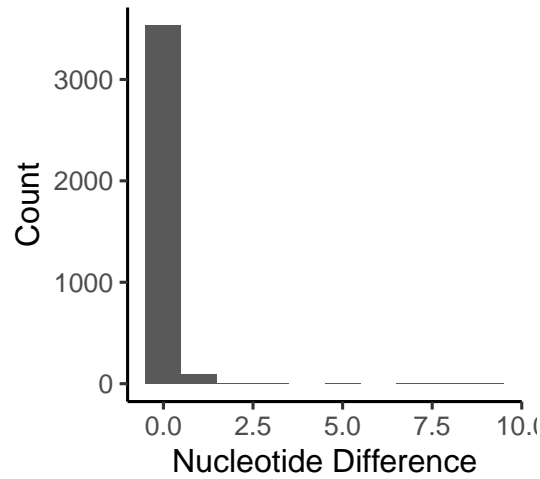
### TRBV30\*ap03

367 sequences assigned  
352 (95.9%) exact matches, in which:  
343 unique CDR3  
12 unique J



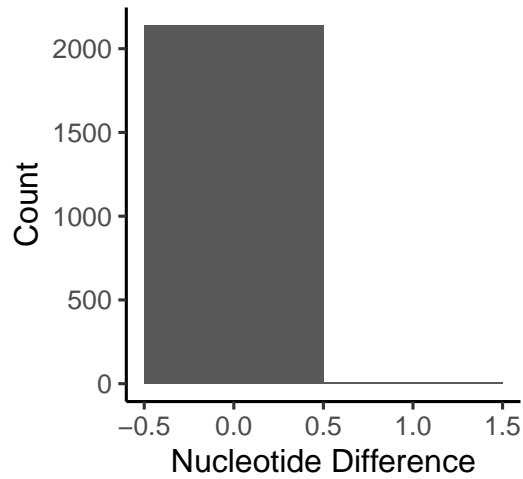
### TRBV9\*ap01

3632 sequences assigned  
3533 (97.3%) exact matches, in which:  
3500 unique CDR3  
13 unique J



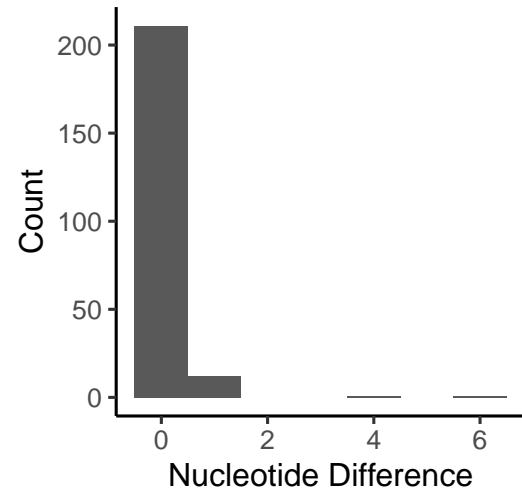
### TRBV11-2\*ap01

2147 sequences assigned  
2139 (99.6%) exact matches, in which:  
2120 unique CDR3  
13 unique J



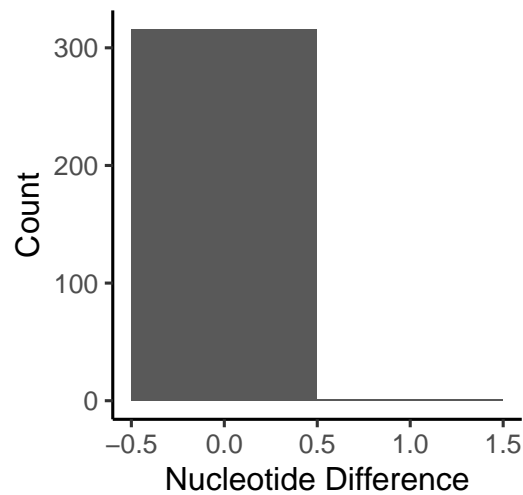
### TRBV12-2\*ap01

225 sequences assigned  
211 (93.8%) exact matches, in which:  
208 unique CDR3  
13 unique J



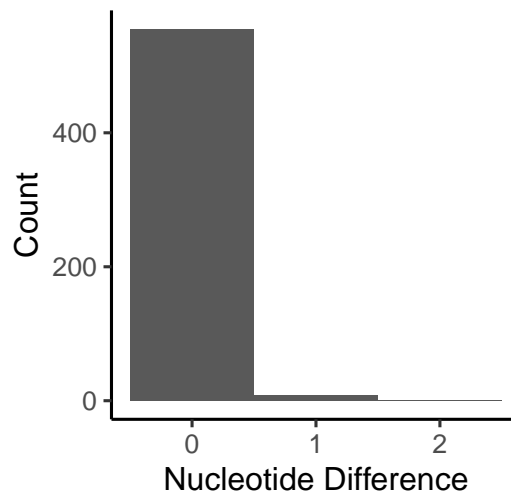
### TRBV11-1\*ap01

317 sequences assigned  
316 (99.7%) exact matches, in which:  
314 unique CDR3  
13 unique J



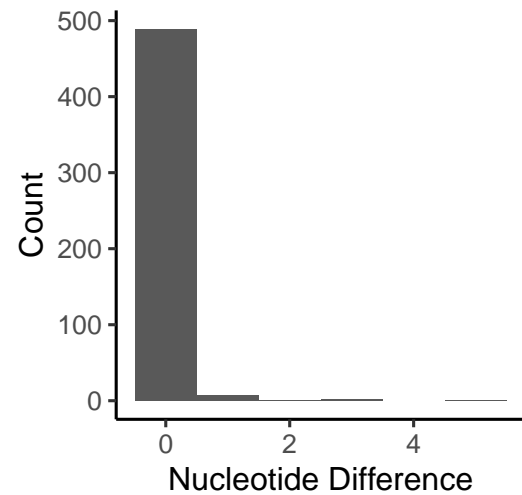
### TRBV11-3\*ap01

564 sequences assigned  
555 (98.4%) exact matches, in which:  
553 unique CDR3  
13 unique J



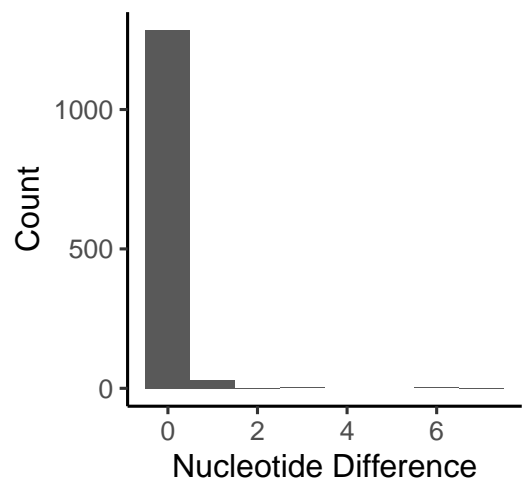
### TRBV12-5\*ap01

500 sequences assigned  
489 (97.8%) exact matches, in which:  
488 unique CDR3  
13 unique J



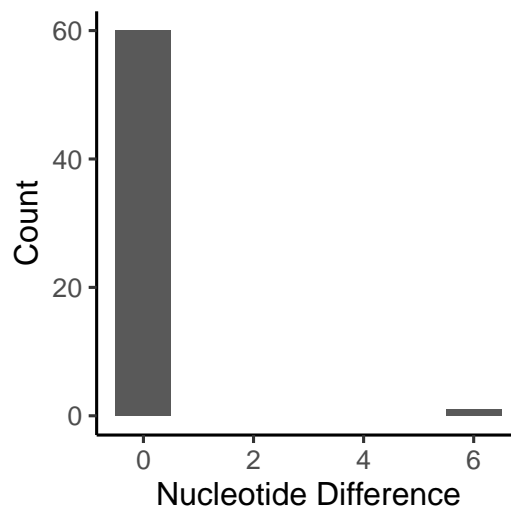
### TRBV21-1\*ap01

1324 sequences assigned  
1285 (97.1%) exact matches, in which:  
1275 unique CDR3  
13 unique J



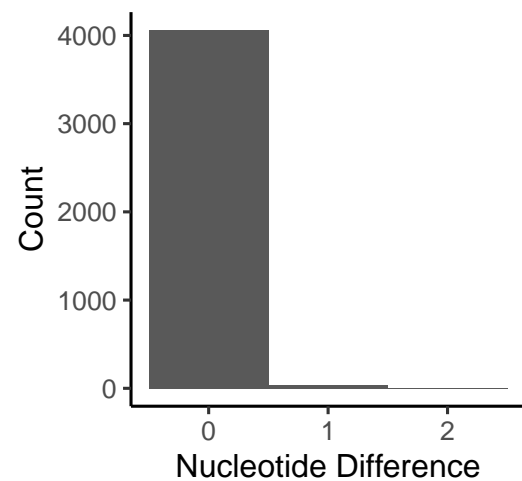
### TRBV12-1\*ap01

61 sequences assigned  
60 (98.4%) exact matches, in which:  
60 unique CDR3  
12 unique J



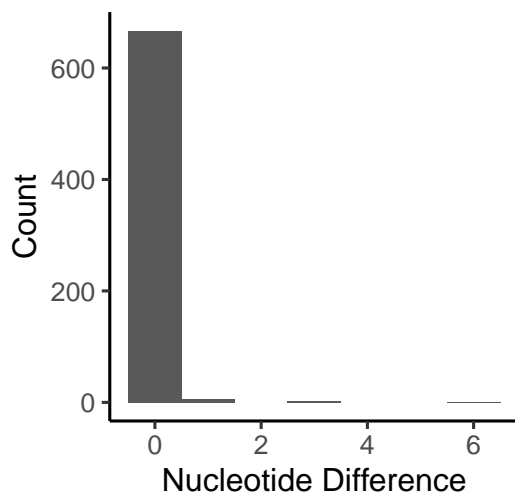
### TRBV12-34\*ap01

4099 sequences assigned  
4061 (99.1%) exact matches, in which:  
4047 unique CDR3  
13 unique J



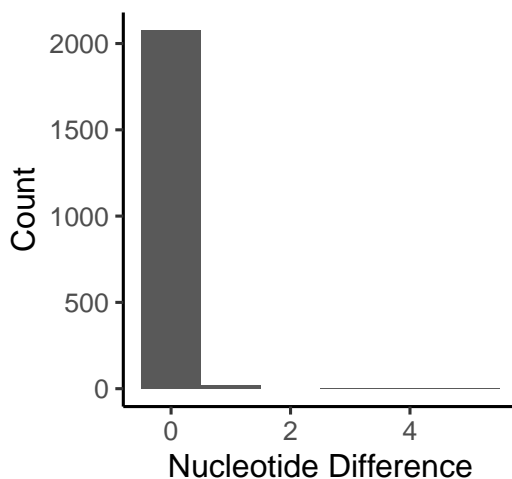
### TRBV23–1\*ap01

676 sequences assigned  
667 (98.7%) exact matches, in which:  
662 unique CDR3  
13 unique J



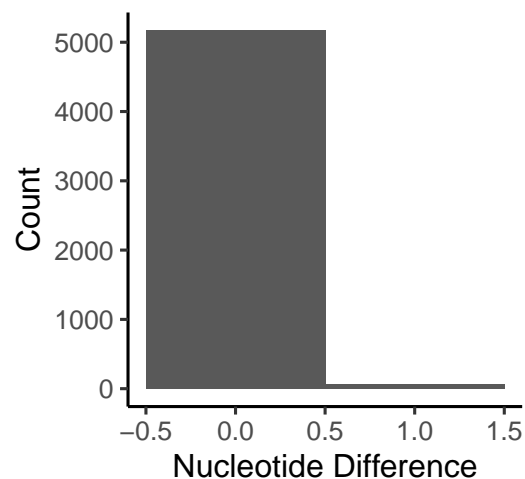
### TRBV24–1\*ap01

2102 sequences assigned  
2076 (98.8%) exact matches, in which:  
2052 unique CDR3  
13 unique J



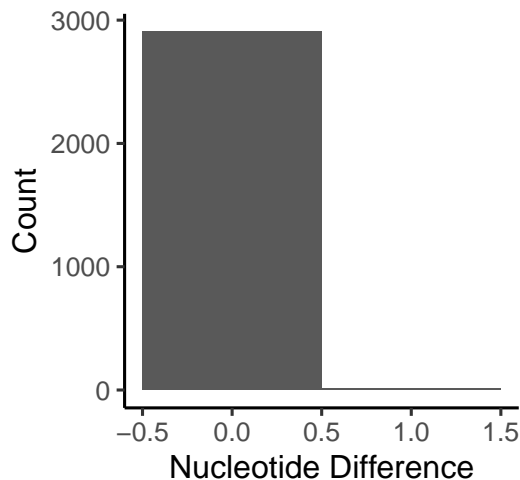
### TRBV5–1\*ap01

5230 sequences assigned  
5171 (98.9%) exact matches, in which:  
5134 unique CDR3  
13 unique J



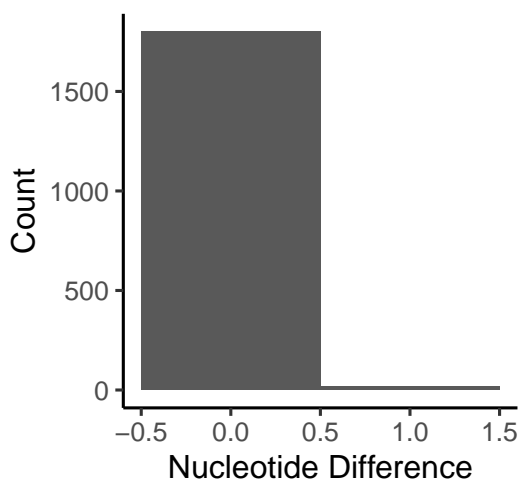
### TRBV3–12\*ap01

2916 sequences assigned  
2906 (99.7%) exact matches, in which:  
2901 unique CDR3  
13 unique J



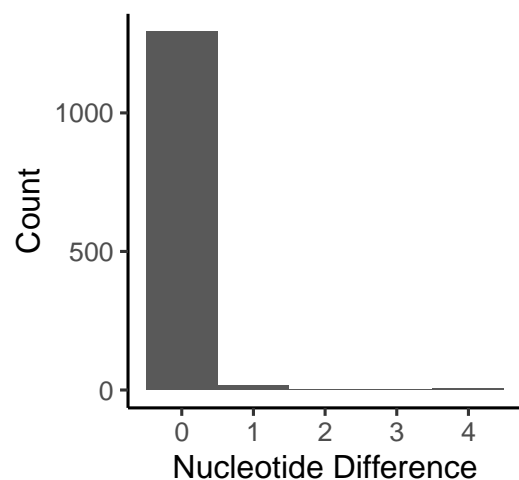
### TRBV4–2\*ap01

1820 sequences assigned  
1800 (98.9%) exact matches, in which:  
1788 unique CDR3  
13 unique J



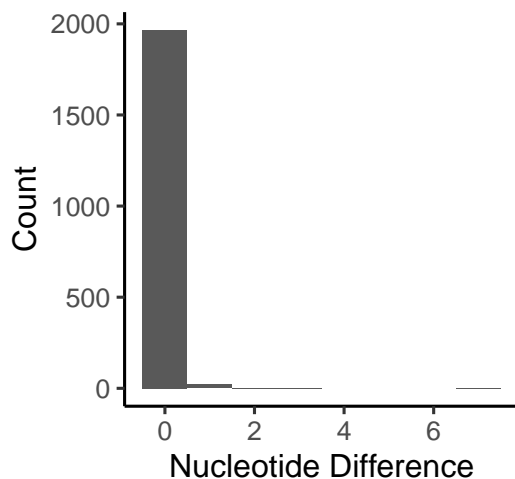
### TRBV25–1\*ap01

1319 sequences assigned  
1293 (98%) exact matches, in which:  
1275 unique CDR3  
13 unique J



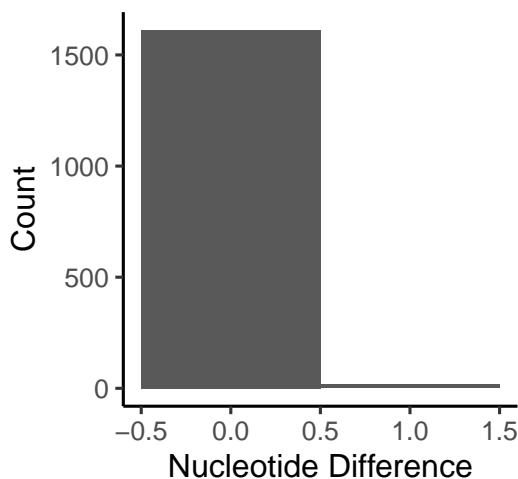
### TRBV4–1\*ap01

1990 sequences assigned  
1966 (98.8%) exact matches, in which:  
1946 unique CDR3  
13 unique J



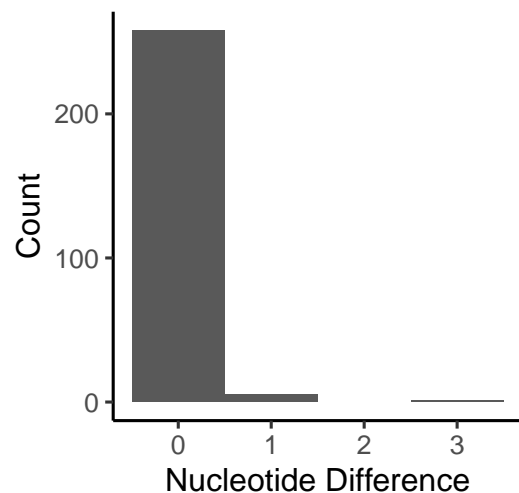
### TRBV4–3\*ap01

1629 sequences assigned  
1612 (99%) exact matches, in which:  
1598 unique CDR3  
13 unique J



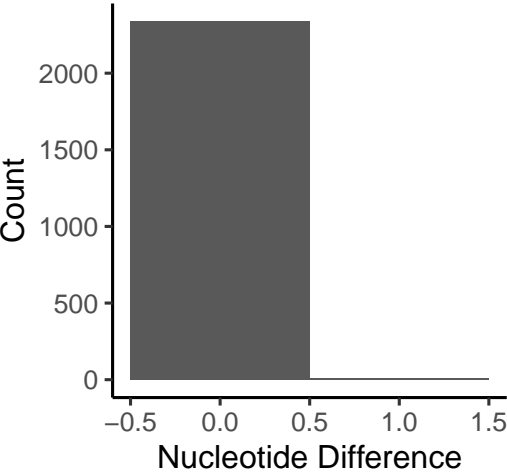
### TRBV5–3\*ap01

264 sequences assigned  
258 (97.7%) exact matches, in which:  
258 unique CDR3  
13 unique J



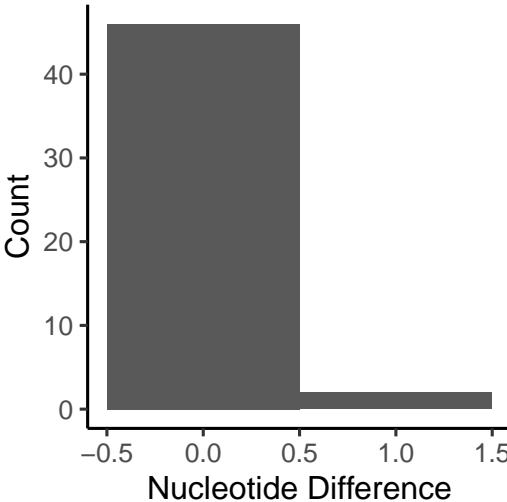
TRBV5-4\*ap01

2350 sequences assigned  
2338 (99.5%) exact matches, in which:  
2327 unique CDR3  
13 unique J



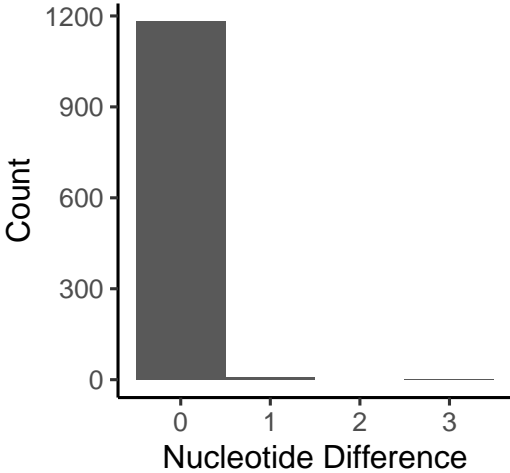
TRBV5-7\*ap01

48 sequences assigned  
46 (95.8%) exact matches, in which:  
44 unique CDR3  
10 unique J



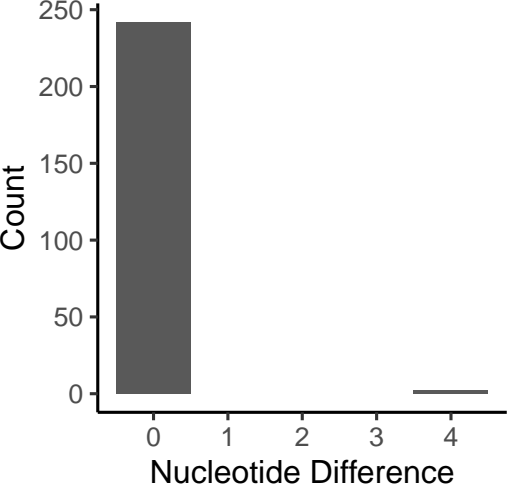
TRBV6-4\*ap01

1192 sequences assigned  
1182 (99.2%) exact matches, in which:  
1177 unique CDR3  
13 unique J



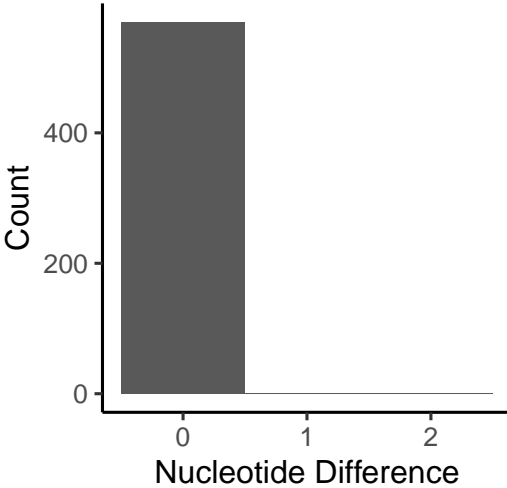
TRBV5-5\*ap01

244 sequences assigned  
242 (99.2%) exact matches, in which:  
242 unique CDR3  
13 unique J



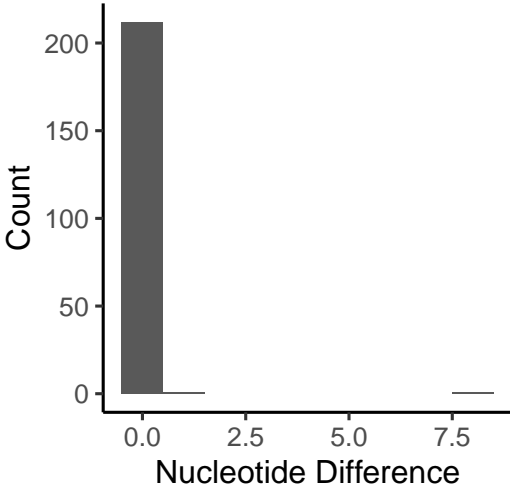
TRBV5-8\*ap01

572 sequences assigned  
570 (99.7%) exact matches, in which:  
569 unique CDR3  
13 unique J



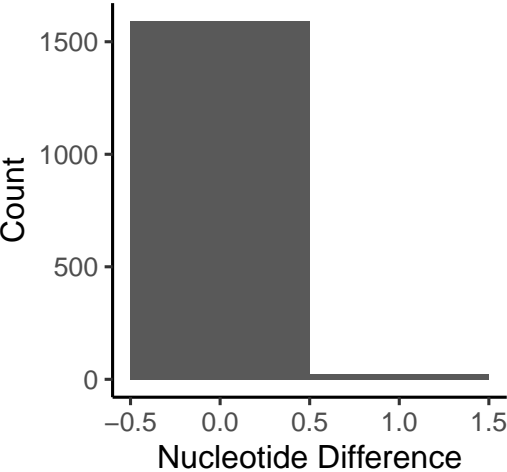
TRBV6-7\*ap01

214 sequences assigned  
212 (99.1%) exact matches, in which:  
207 unique CDR3  
13 unique J



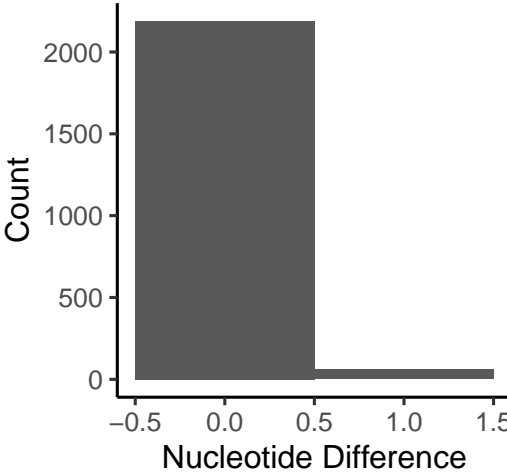
TRBV5-6\*ap01

1616 sequences assigned  
1592 (98.5%) exact matches, in which:  
1584 unique CDR3  
13 unique J



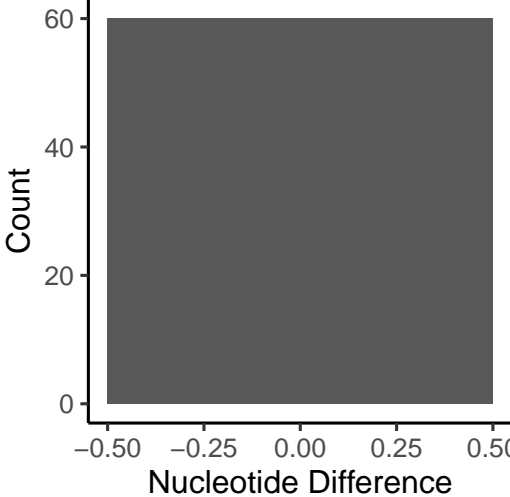
TRBV6-1\*ap01

2248 sequences assigned  
2189 (97.4%) exact matches, in which:  
2171 unique CDR3  
13 unique J



TRBV6-8\*ap01

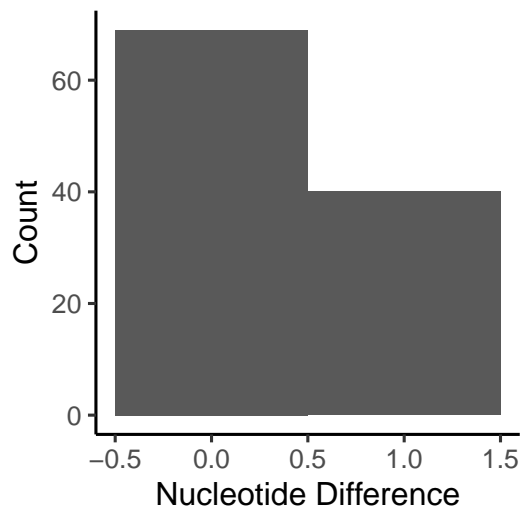
60 sequences assigned  
60 (100%) exact matches, in which:  
59 unique CDR3  
12 unique J





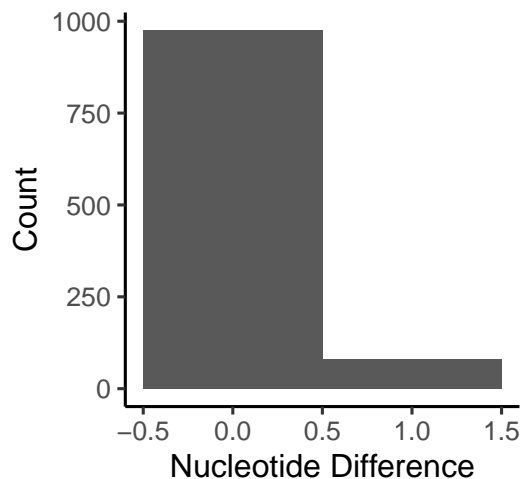
### TRBV6–9\*ap01

109 sequences assigned  
69 (63.3%) exact matches, in which:  
68 unique CDR3  
11 unique J



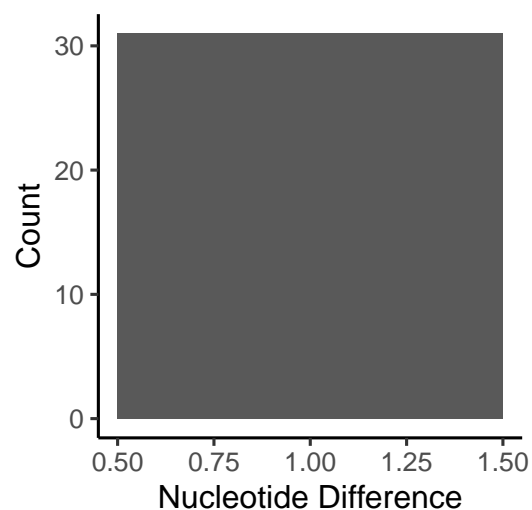
### TRBV6–56\*ap02

1055 sequences assigned  
975 (92.4%) exact matches, in which:  
964 unique CDR3  
13 unique J



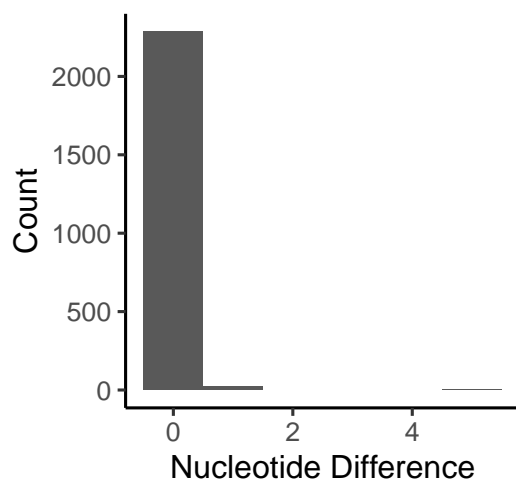
### TRBV7–1\*ap01\_T296C\_C

31 sequences assigned  
No exact matches.



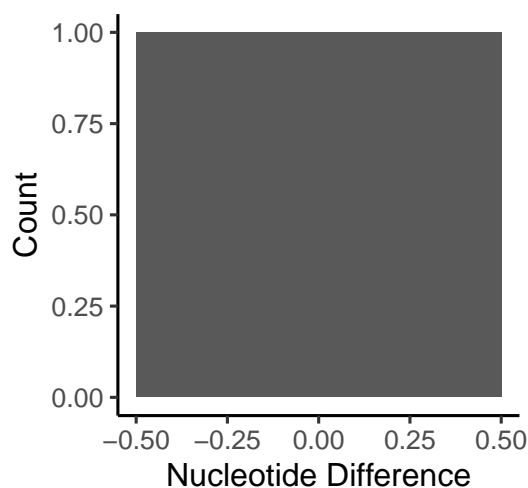
### TRBV6–23\*ap01

2306 sequences assigned  
2285 (99.1%) exact matches, in which:  
2269 unique CDR3  
13 unique J



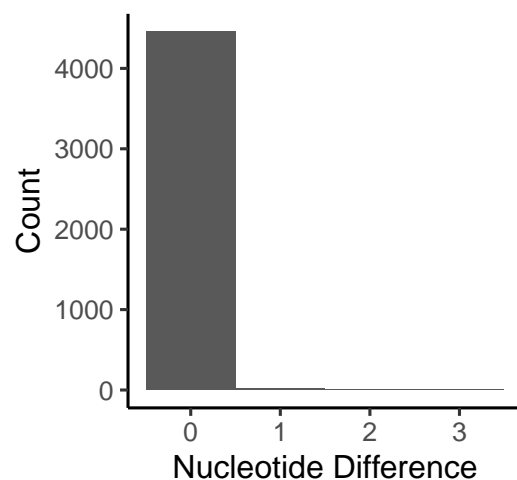
### TRBV7–1\*ap01

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



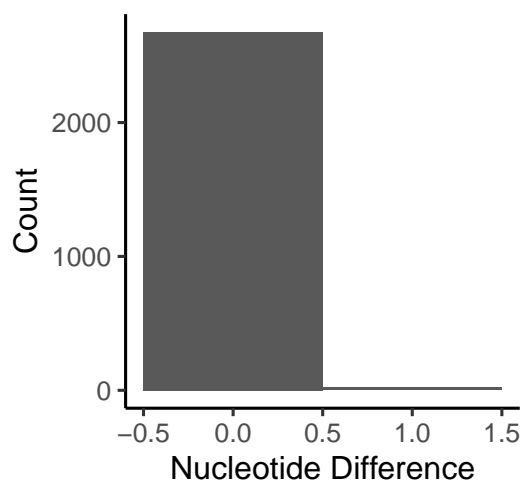
### TRBV7–2\*ap01

4482 sequences assigned  
4456 (99.4%) exact matches, in which:  
4424 unique CDR3  
13 unique J



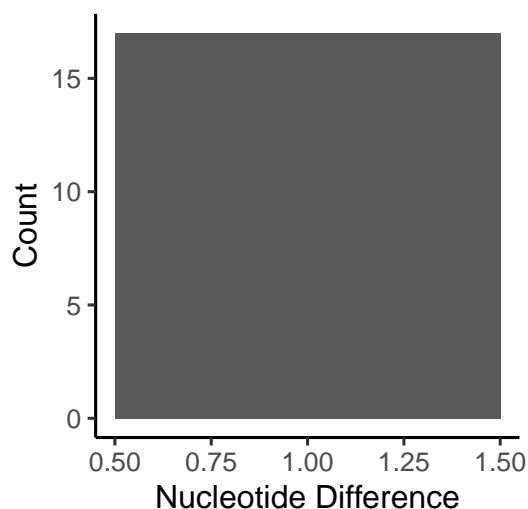
### TRBV6–56\*ap01

2697 sequences assigned  
2676 (99.2%) exact matches, in which:  
2638 unique CDR3  
13 unique J



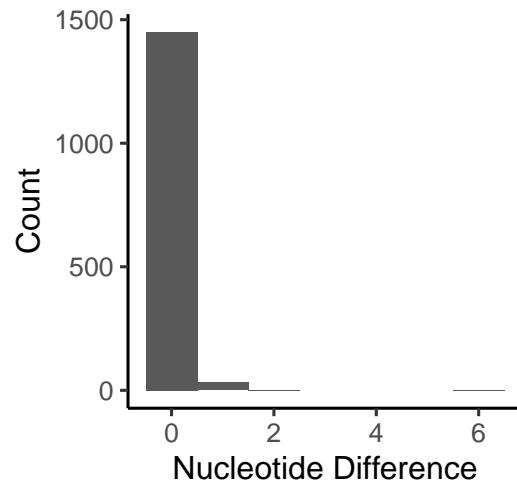
### TRBV7–1\*ap01\_T296C

17 sequences assigned  
No exact matches.



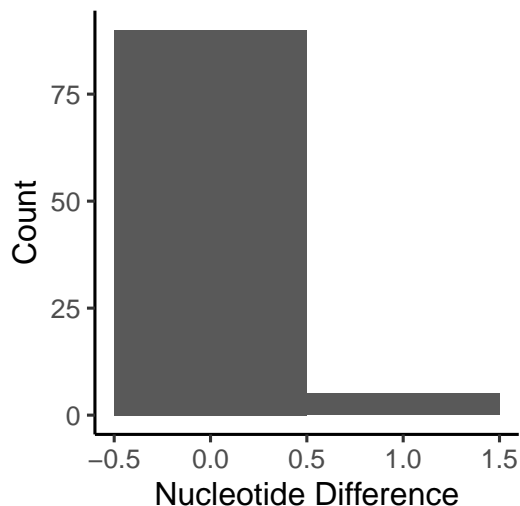
### TRBV7–3\*ap01

1484 sequences assigned  
1450 (97.7%) exact matches, in which:  
1440 unique CDR3  
13 unique J



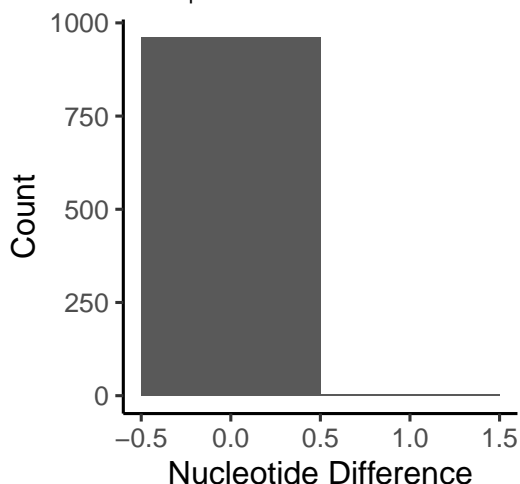
### TRBV7-4\*ap01

95 sequences assigned  
90 (94.7%) exact matches, in which:  
88 unique CDR3  
12 unique J



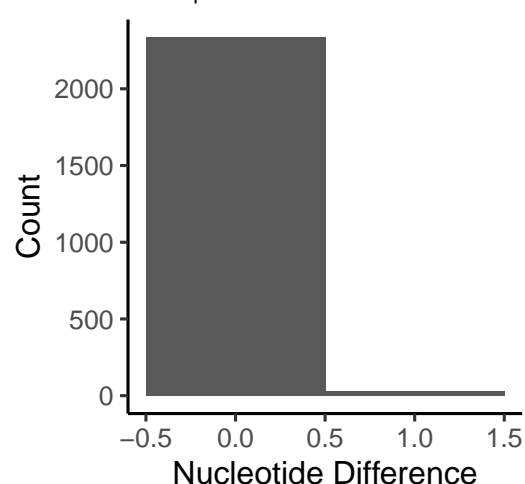
### TRBV7-8\*ap01

964 sequences assigned  
961 (99.7%) exact matches, in which:  
951 unique CDR3  
13 unique J



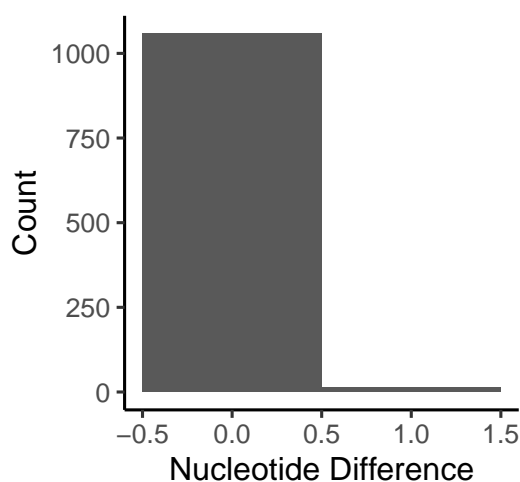
### TRBV29-1\*ap01

2363 sequences assigned  
2335 (98.8%) exact matches, in which:  
2287 unique CDR3  
13 unique J



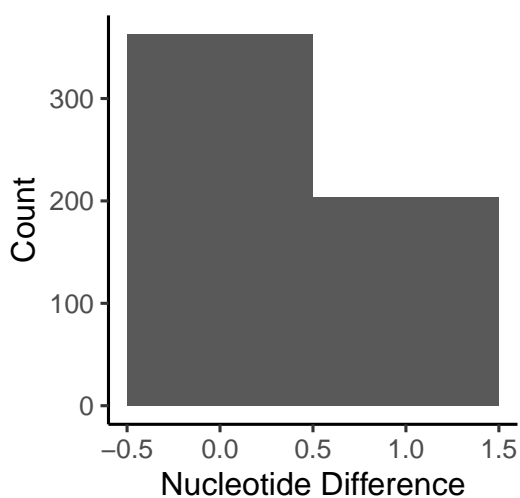
### TRBV7-6\*ap01

1070 sequences assigned  
1058 (98.9%) exact matches, in which:  
1045 unique CDR3  
13 unique J



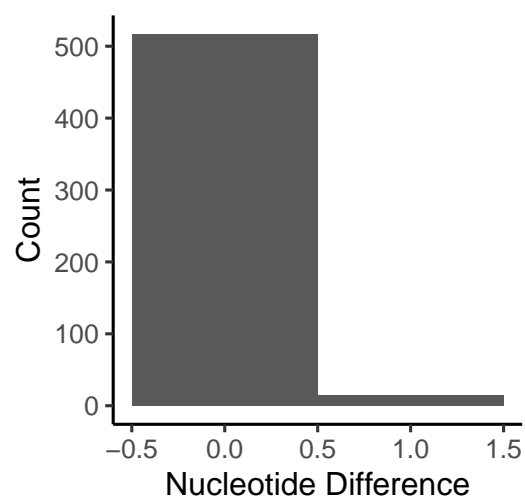
### TRBV7-8\*ap03

567 sequences assigned  
363 (64%) exact matches, in which:  
357 unique CDR3  
13 unique J



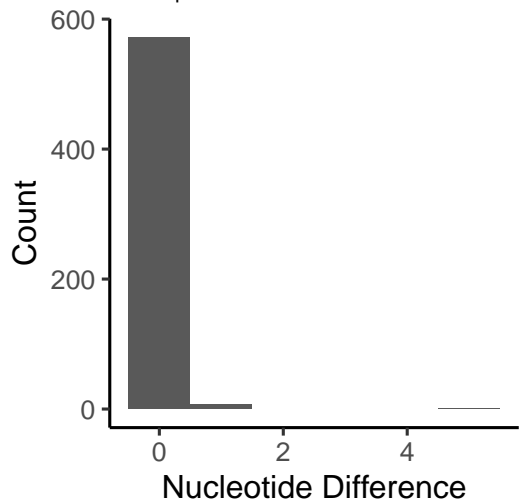
### TRBV29-1\*ap02

532 sequences assigned  
517 (97.2%) exact matches, in which:  
510 unique CDR3  
13 unique J



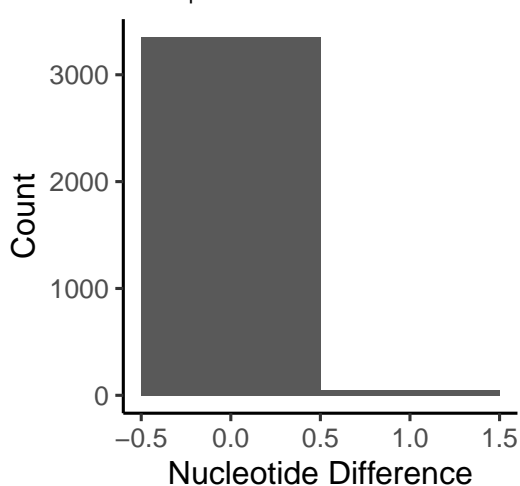
### TRBV7-7\*ap01

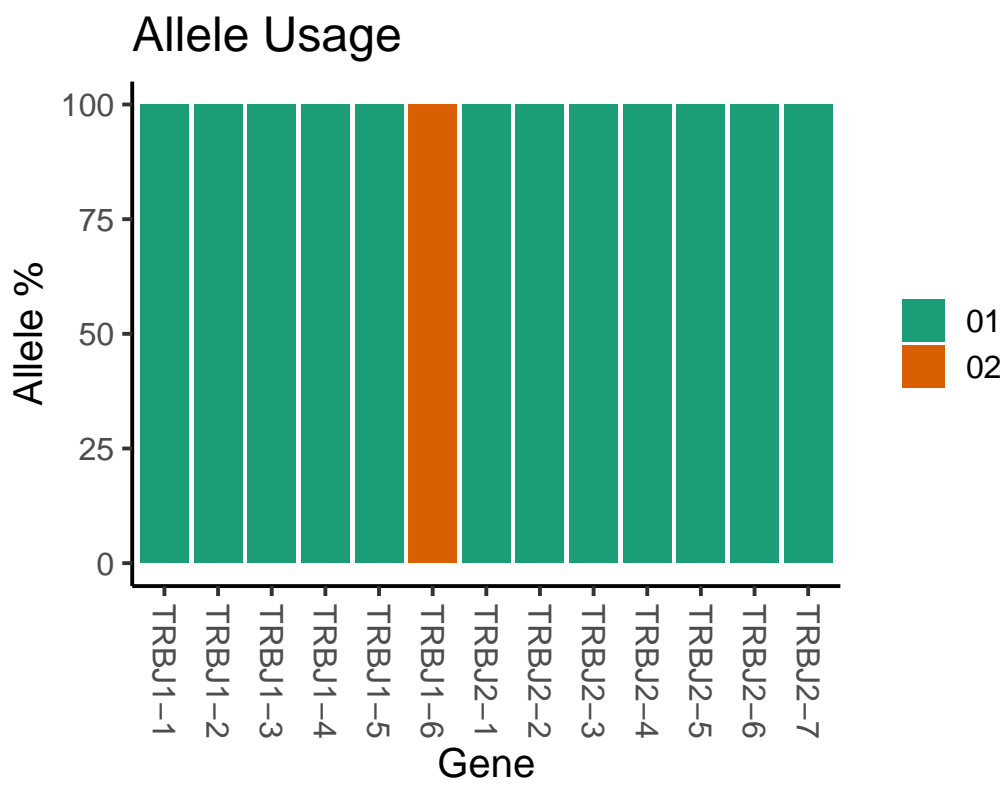
580 sequences assigned  
572 (98.6%) exact matches, in which:  
568 unique CDR3  
13 unique J



### TRBV7-9\*ap01

3404 sequences assigned  
3353 (98.5%) exact matches, in which:  
3331 unique CDR3  
13 unique J





Warning – no inferred sequences found.