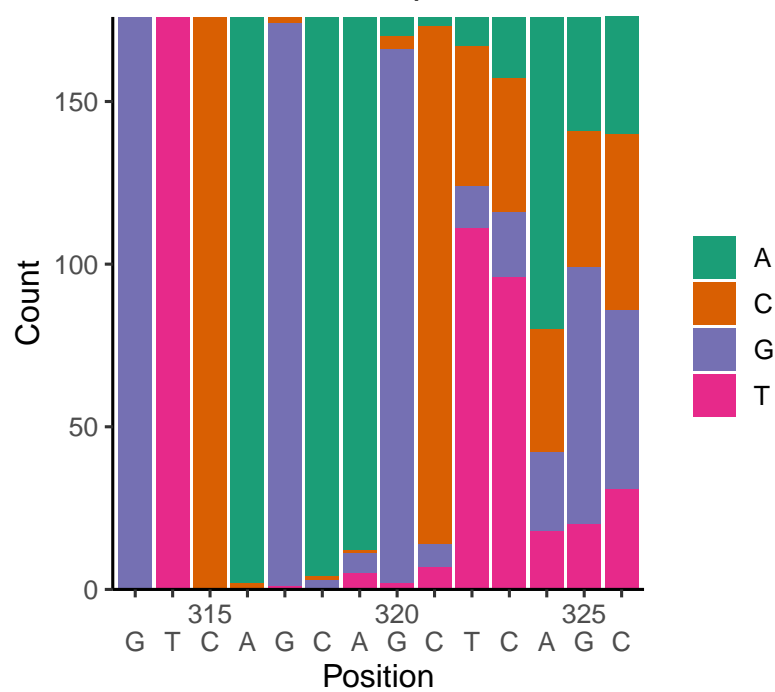
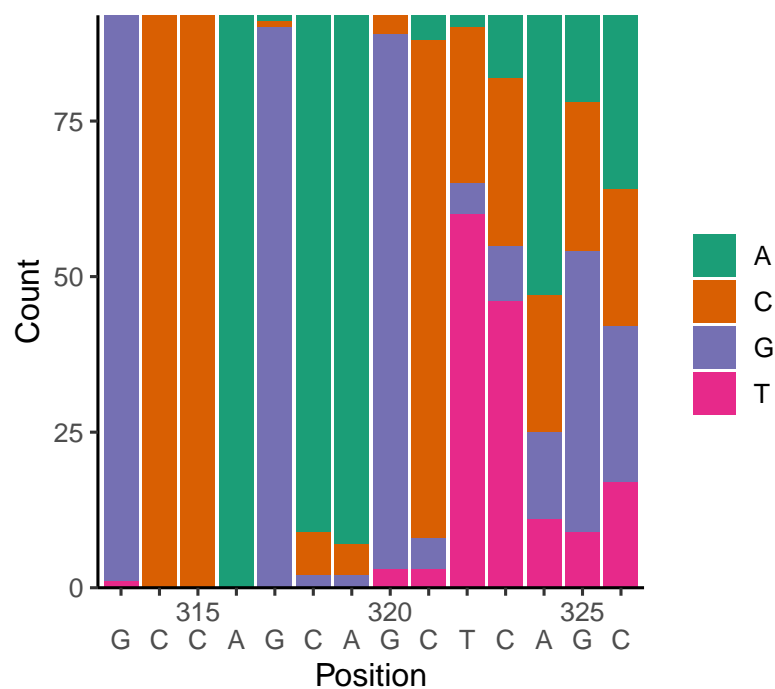


Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



Gene TRBV7-1\*ap01\_G291C\_T296C



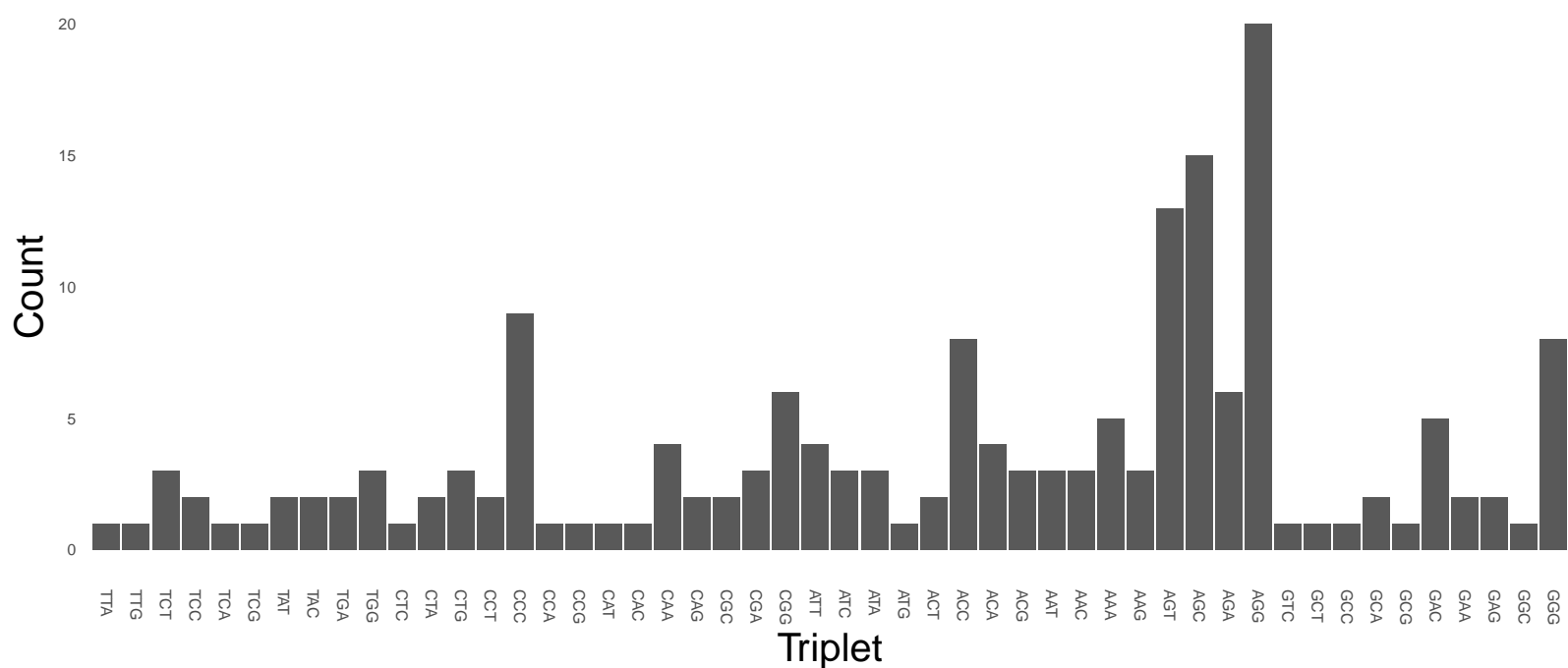
Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



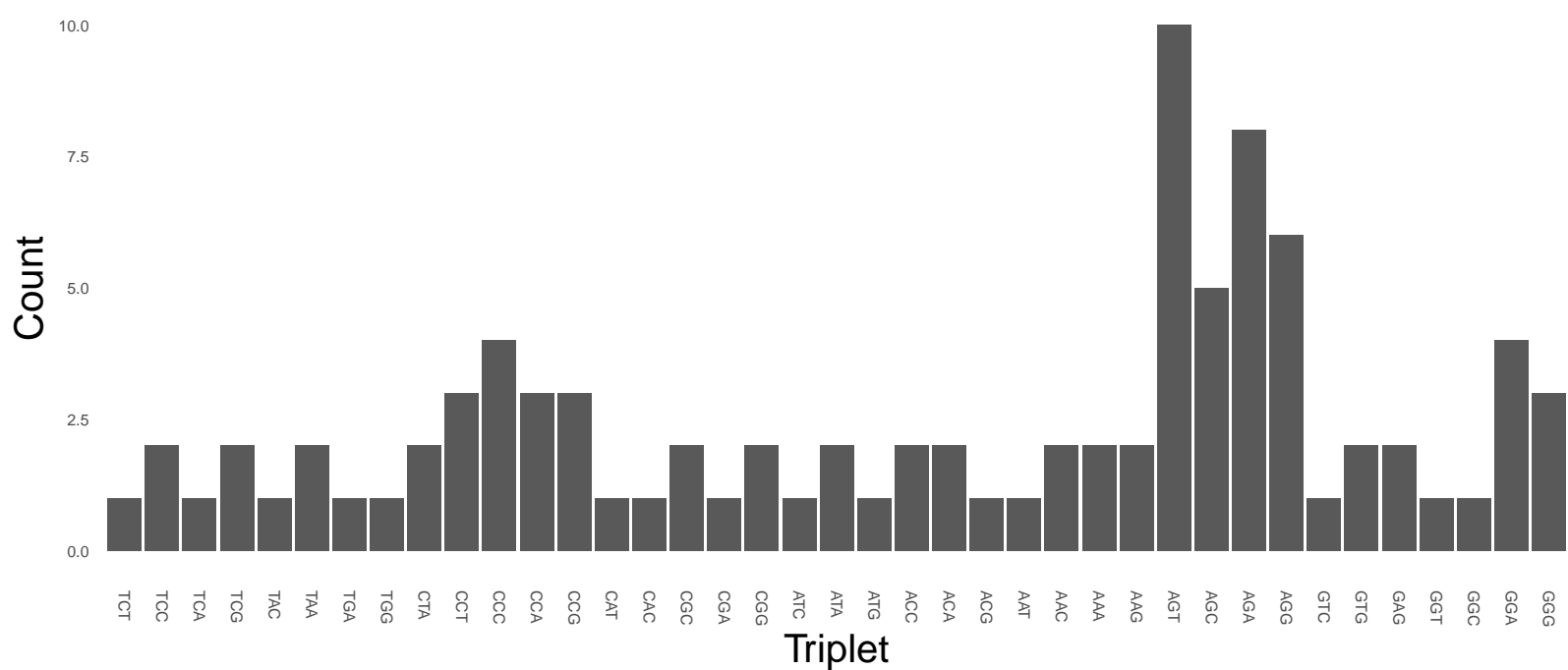
Gene TRBV7-1\*ap01\_G291C\_T296C



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

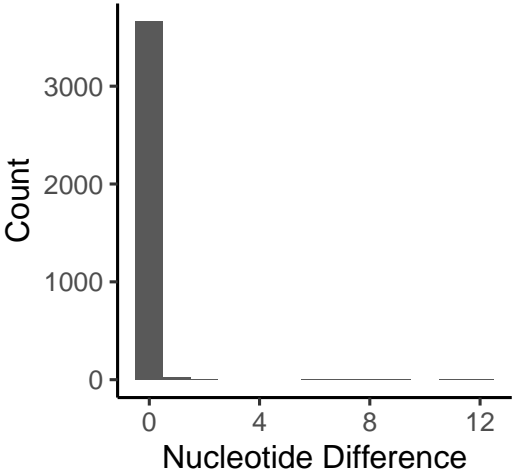


TRBV7-1\*ap01\_G291C\_T296C- Final 3 nucleotides as a triplet



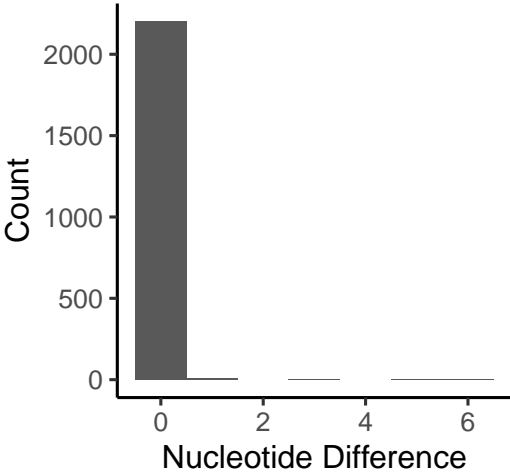
TRBV10-1\*ap01

3703 sequences assigned  
3662 (98.9%) exact matches, in which:  
3611 unique CDR3  
13 unique J



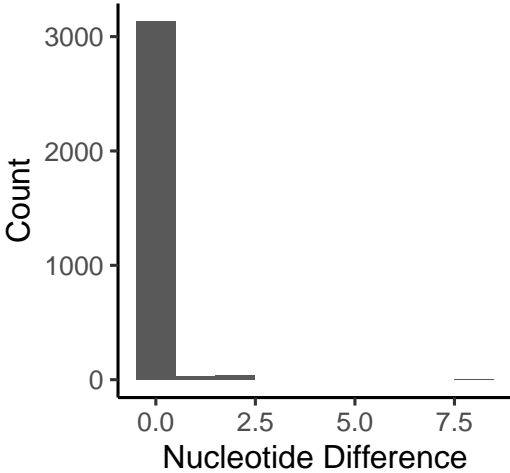
TRBV10-2\*ap01

2216 sequences assigned  
2202 (99.4%) exact matches, in which:  
2171 unique CDR3  
13 unique J



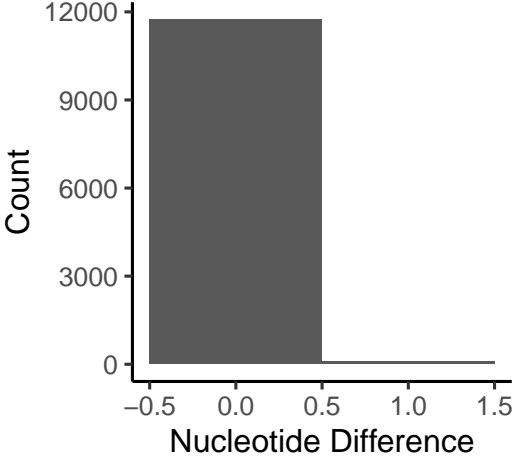
TRBV13\*ap01

3201 sequences assigned  
3133 (97.9%) exact matches, in which:  
3060 unique CDR3  
13 unique J



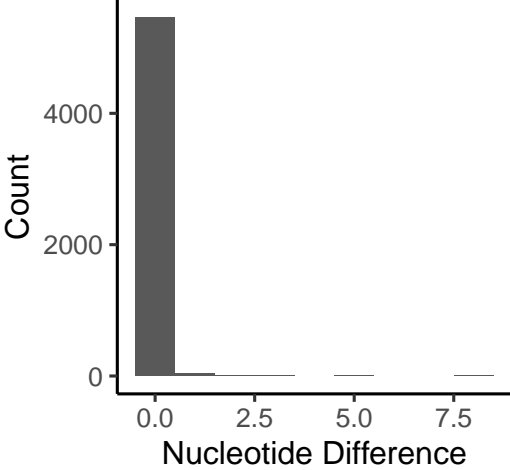
TRBV20-1\*ap01

11832 sequences assigned  
11741 (99.2%) exact matches, in which:  
11608 unique CDR3  
13 unique J



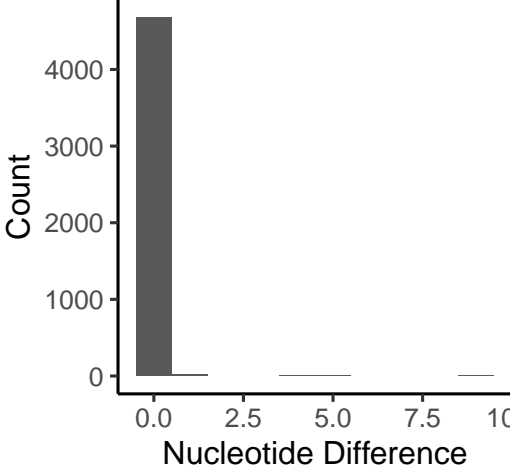
TRBV10-3\*ap01

5503 sequences assigned  
5456 (99.1%) exact matches, in which:  
5366 unique CDR3  
13 unique J



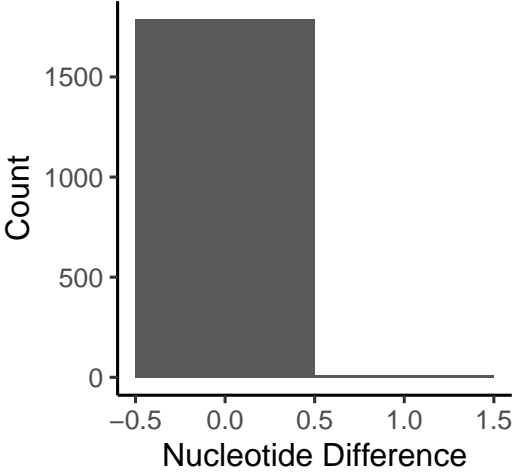
TRBV14\*ap01

4700 sequences assigned  
4675 (99.5%) exact matches, in which:  
4621 unique CDR3  
13 unique J



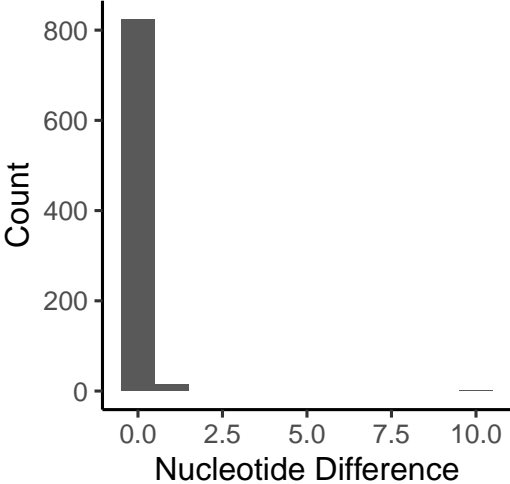
TRBV20-1\*ap02

1800 sequences assigned  
1789 (99.4%) exact matches, in which:  
1769 unique CDR3  
13 unique J



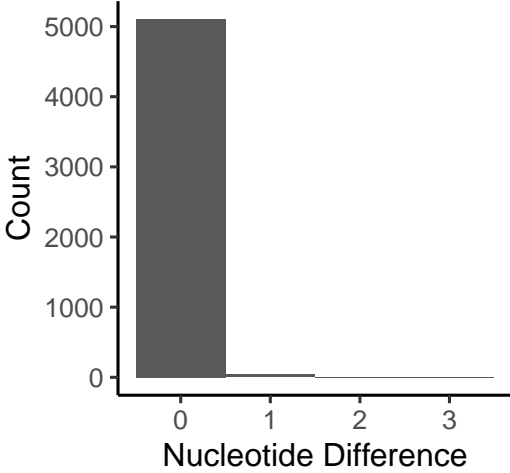
TRBV1\*ap01

839 sequences assigned  
824 (98.2%) exact matches, in which:  
816 unique CDR3  
13 unique J



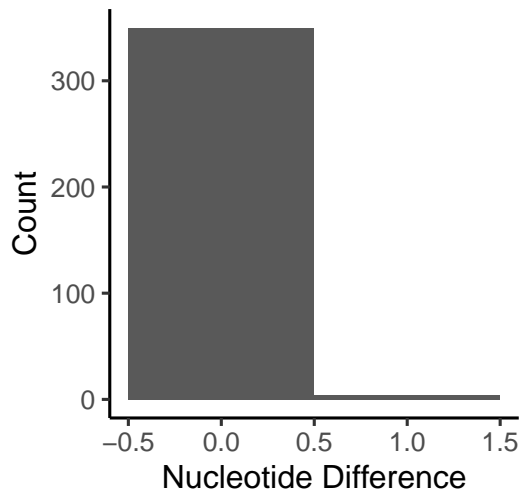
TRBV15\*ap02

5153 sequences assigned  
5107 (99.1%) exact matches, in which:  
5005 unique CDR3  
13 unique J



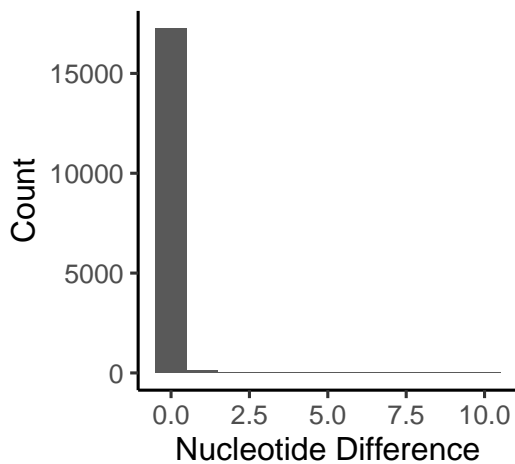
### TRBV16\*ap01

354 sequences assigned  
350 (98.9%) exact matches, in which:  
347 unique CDR3  
13 unique J



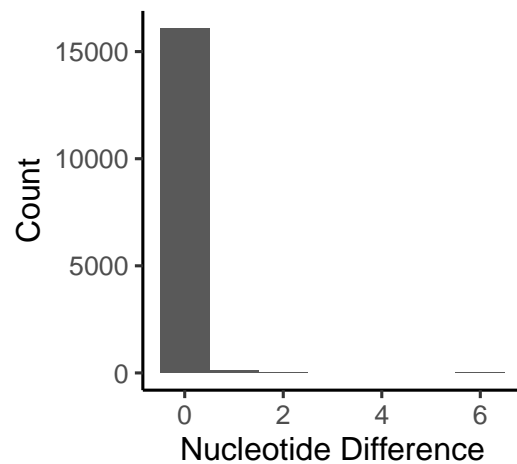
### TRBV19\*ap01

17427 sequences assigned  
17267 (99.1%) exact matches, in which:  
17105 unique CDR3  
13 unique J



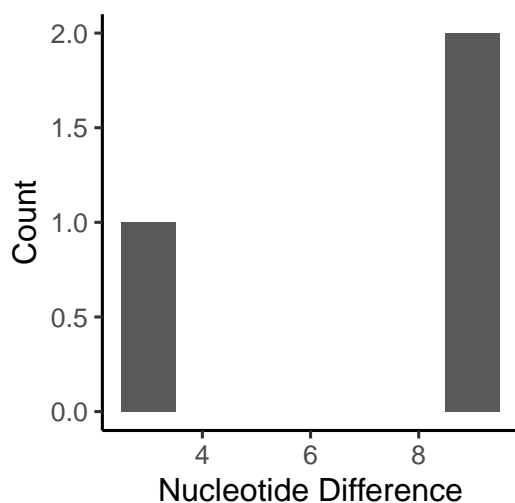
### TRBV28\*ap01

16205 sequences assigned  
16095 (99.3%) exact matches, in which:  
15886 unique CDR3  
13 unique J



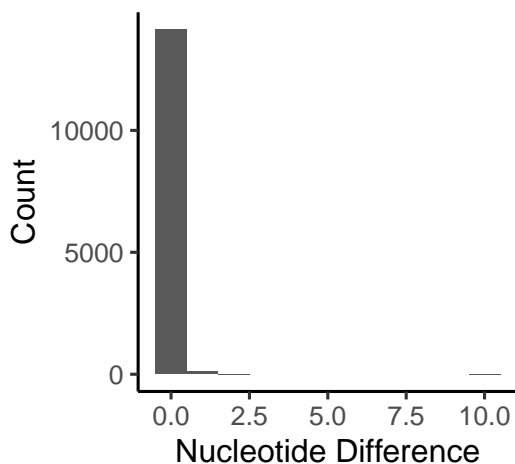
### TRBV17\*ap01

3 sequences assigned  
No exact matches.



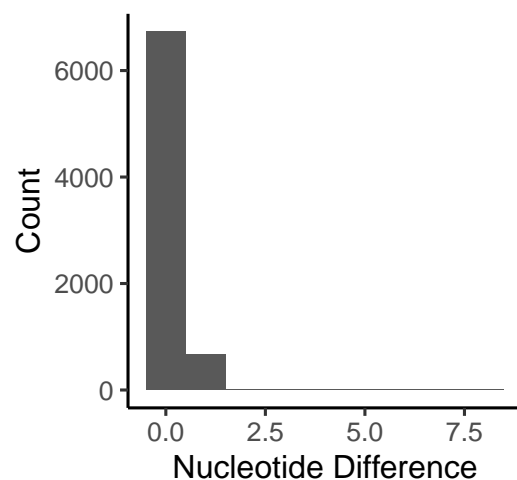
### TRBV2\*ap01

14267 sequences assigned  
14138 (99.1%) exact matches, in which:  
13918 unique CDR3  
13 unique J



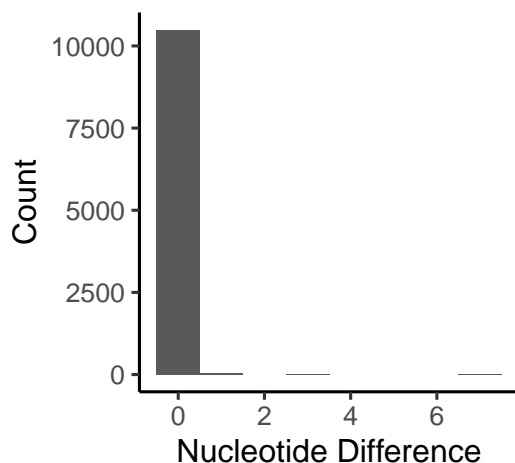
### TRBV30\*ap01

7420 sequences assigned  
6729 (90.7%) exact matches, in which:  
6559 unique CDR3  
13 unique J



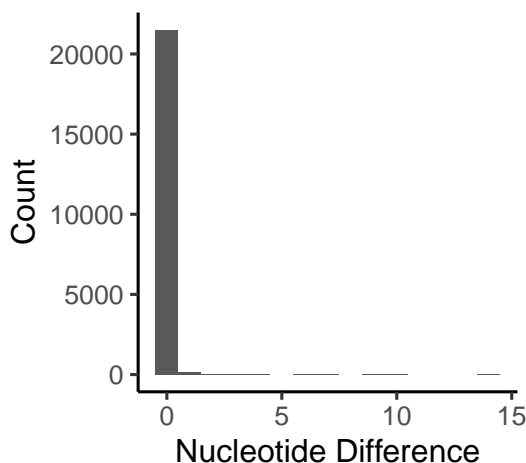
### TRBV18\*ap01

10543 sequences assigned  
10491 (99.5%) exact matches, in which:  
10398 unique CDR3  
13 unique J



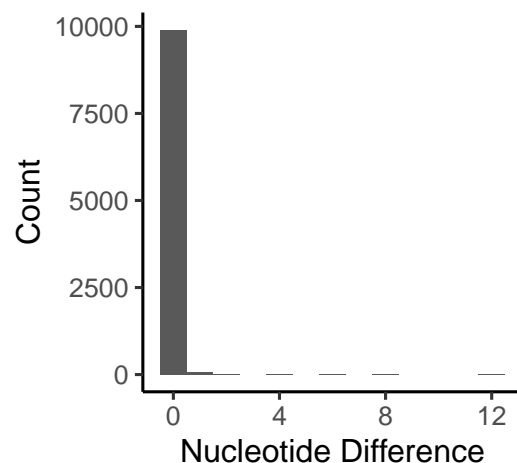
### TRBV27\*ap01

21674 sequences assigned  
21509 (99.2%) exact matches, in which:  
21169 unique CDR3  
13 unique J



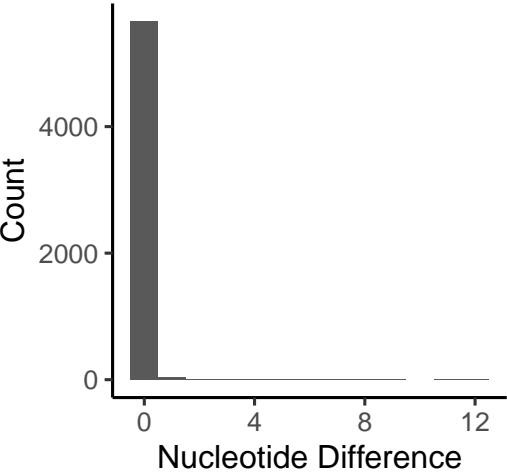
### TRBV9\*ap01

9973 sequences assigned  
9902 (99.3%) exact matches, in which:  
9798 unique CDR3  
13 unique J



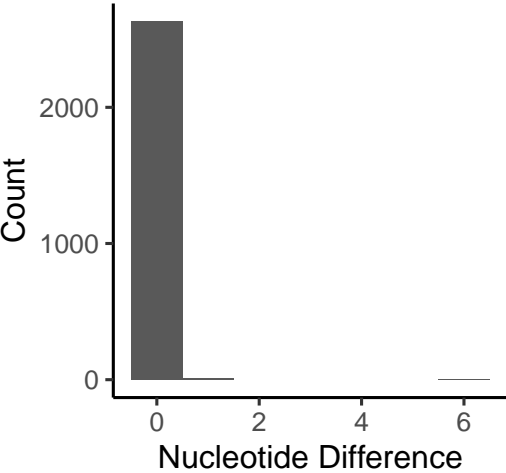
TRBV21-1\*ap01

5736 sequences assigned  
5663 (98.7%) exact matches, in which:  
5627 unique CDR3  
14 unique J



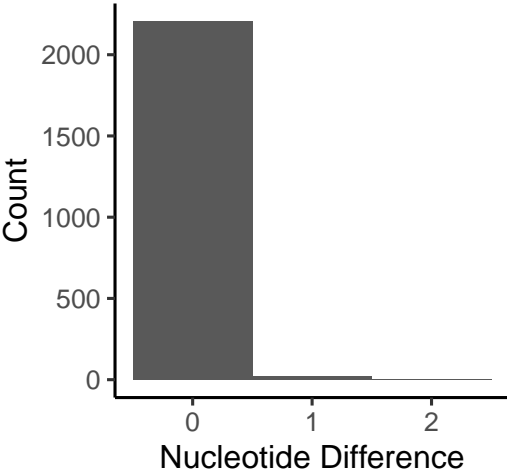
TRBV11-3\*ap01

2644 sequences assigned  
2631 (99.5%) exact matches, in which:  
2620 unique CDR3  
13 unique J



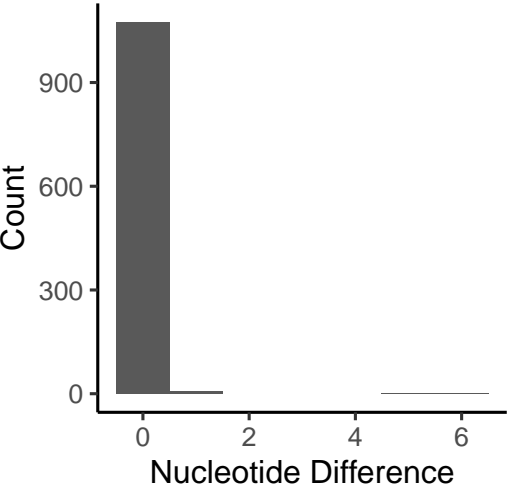
TRBV12-5\*ap01

2231 sequences assigned  
2205 (98.8%) exact matches, in which:  
2180 unique CDR3  
13 unique J



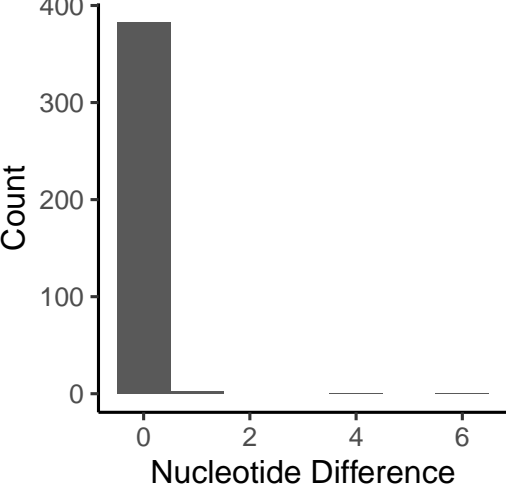
TRBV11-1\*ap01

1085 sequences assigned  
1075 (99.1%) exact matches, in which:  
1067 unique CDR3  
13 unique J



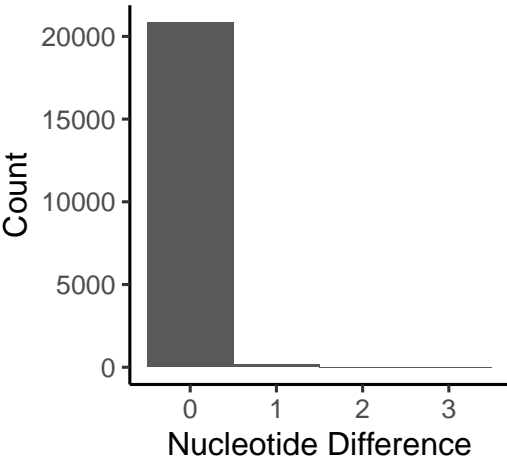
TRBV12-1\*ap01

388 sequences assigned  
383 (98.7%) exact matches, in which:  
377 unique CDR3  
13 unique J



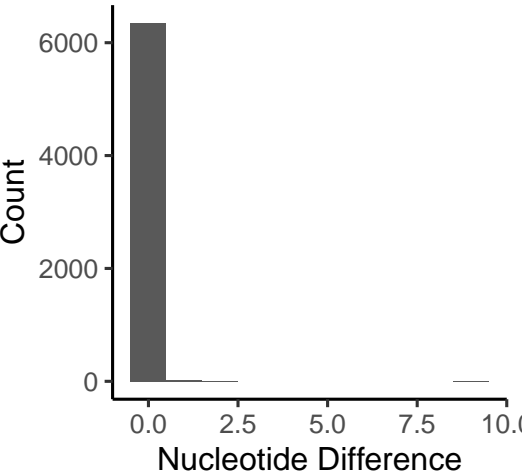
TRBV12-34\*ap01

21024 sequences assigned  
20841 (99.1%) exact matches, in which:  
20531 unique CDR3  
13 unique J



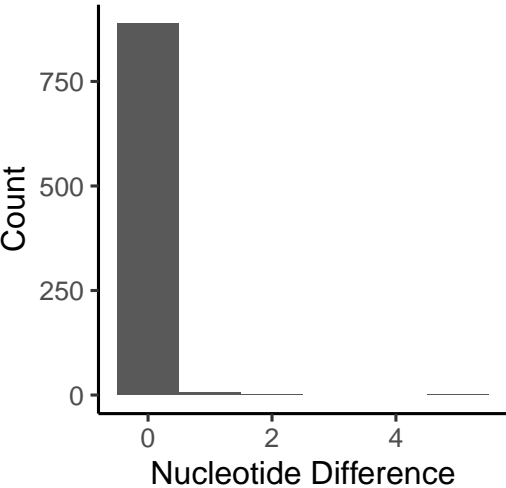
TRBV11-2\*ap01

6375 sequences assigned  
6348 (99.6%) exact matches, in which:  
6316 unique CDR3  
13 unique J



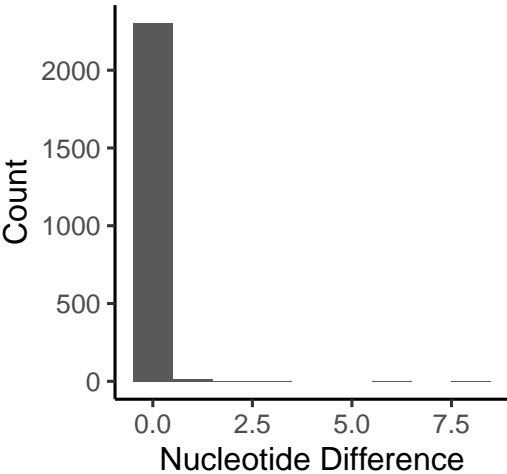
TRBV12-2\*ap01

898 sequences assigned  
889 (99%) exact matches, in which:  
879 unique CDR3  
13 unique J



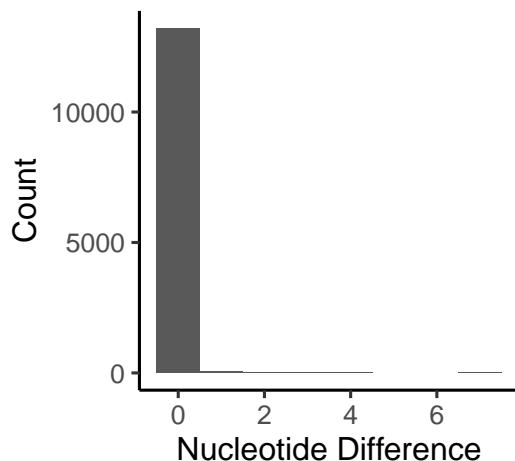
TRBV23-1\*ap01

2324 sequences assigned  
2303 (99.1%) exact matches, in which:  
2277 unique CDR3  
13 unique J



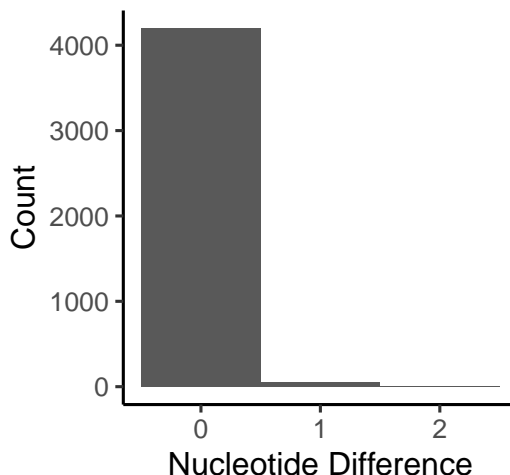
### TRBV3-12\*ap01

13289 sequences assigned  
13215 (99.4%) exact matches, in which:  
13101 unique CDR3  
13 unique J



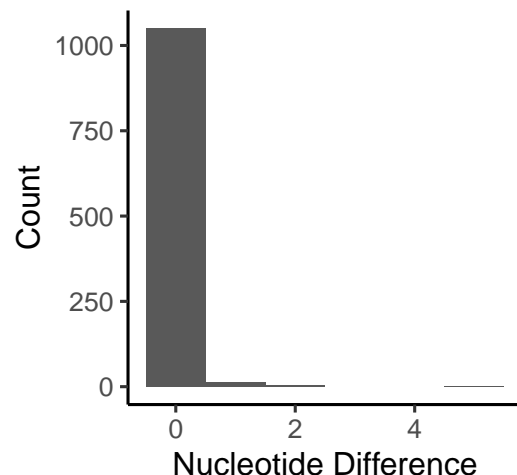
### TRBV4-2\*ap01

4250 sequences assigned  
4197 (98.8%) exact matches, in which:  
4093 unique CDR3  
13 unique J



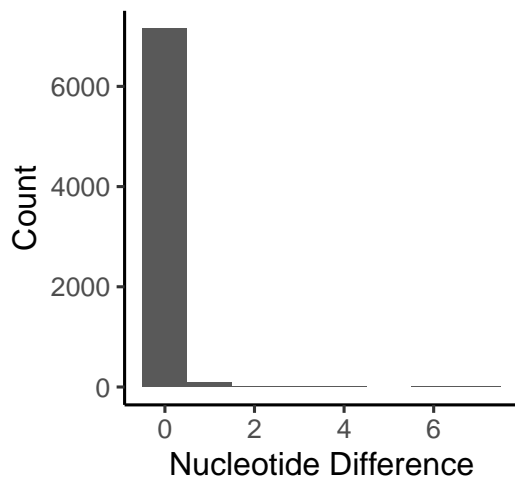
### TRBV5-3\*ap01

1069 sequences assigned  
1050 (98.2%) exact matches, in which:  
1035 unique CDR3  
13 unique J



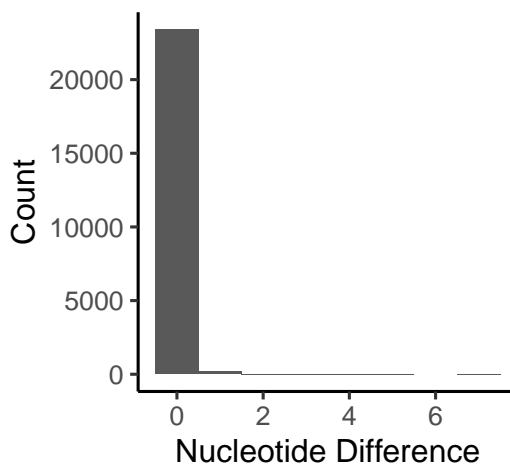
### TRBV24-1\*ap01

7251 sequences assigned  
7151 (98.6%) exact matches, in which:  
7025 unique CDR3  
13 unique J



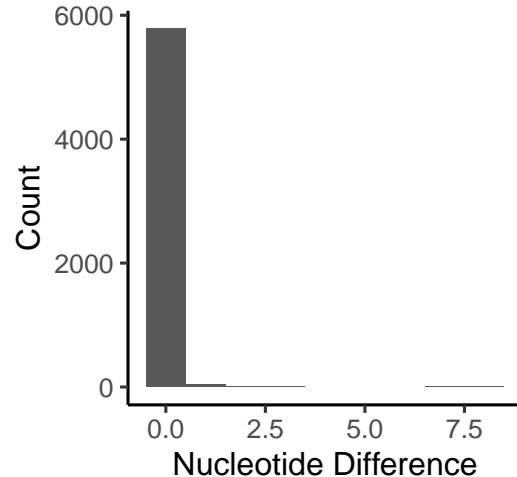
### TRBV5-1\*ap01

23601 sequences assigned  
23404 (99.2%) exact matches, in which:  
22956 unique CDR3  
13 unique J



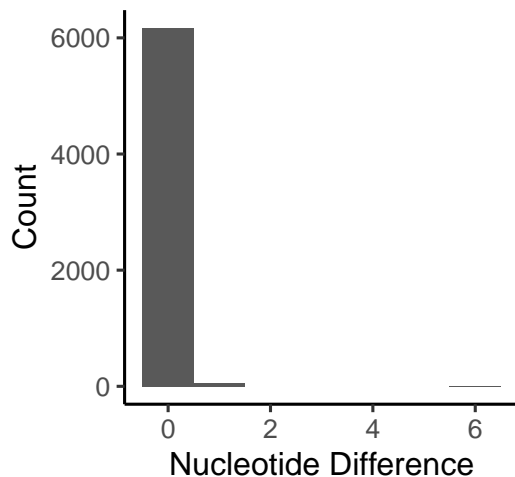
### TRBV5-4\*ap01

5837 sequences assigned  
5782 (99.1%) exact matches, in which:  
5655 unique CDR3  
14 unique J



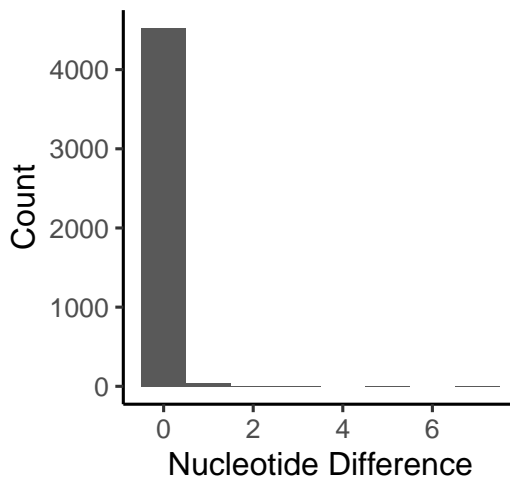
### TRBV4-1\*ap01

6224 sequences assigned  
6169 (99.1%) exact matches, in which:  
6031 unique CDR3  
13 unique J



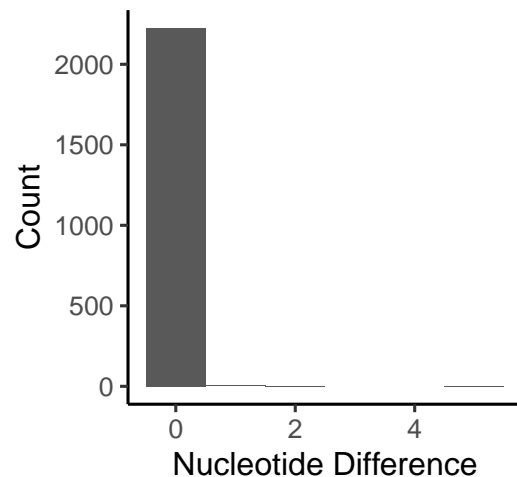
### TRBV25-1\*ap01

4577 sequences assigned  
4525 (98.9%) exact matches, in which:  
4414 unique CDR3  
13 unique J



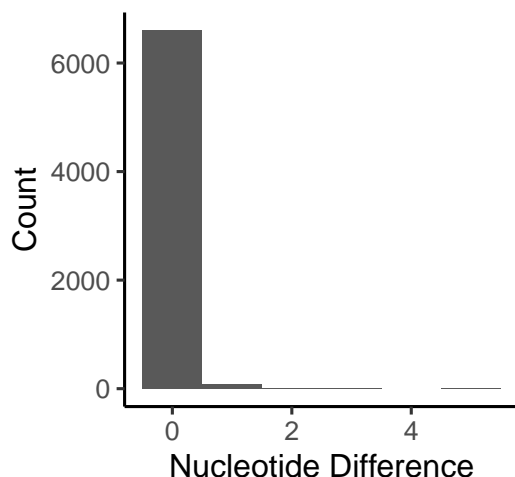
### TRBV5-5\*ap01

2233 sequences assigned  
2225 (99.6%) exact matches, in which:  
2214 unique CDR3  
13 unique J



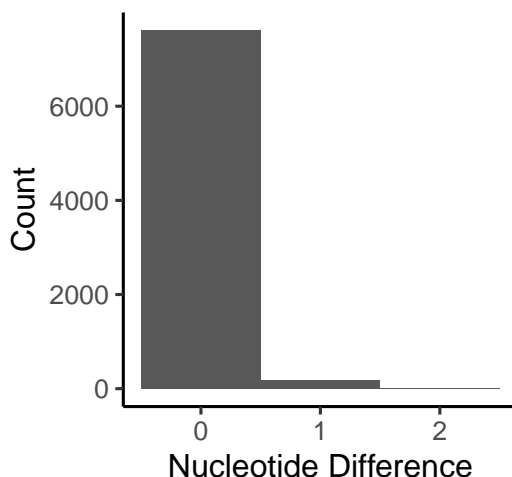
### TRBV5-6\*ap01

6689 sequences assigned  
6601 (98.7%) exact matches, in which:  
6394 unique CDR3  
13 unique J



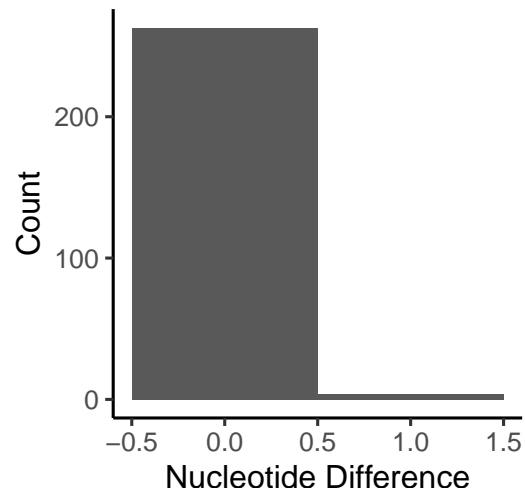
### TRBV6-1\*ap01

7797 sequences assigned  
7610 (97.6%) exact matches, in which:  
7448 unique CDR3  
13 unique J



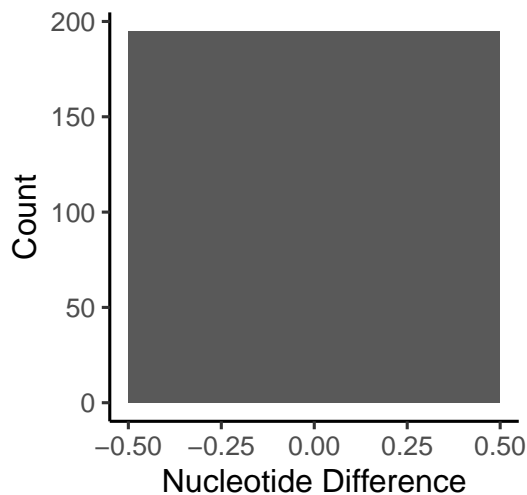
### TRBV6-8\*ap01

267 sequences assigned  
263 (98.5%) exact matches, in which:  
259 unique CDR3  
13 unique J



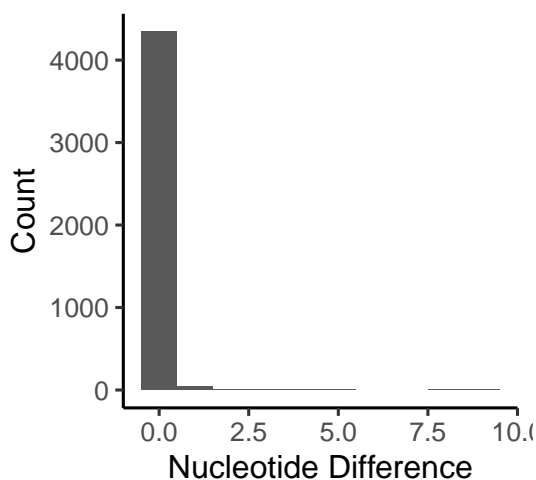
### TRBV5-7\*ap01

195 sequences assigned  
195 (100%) exact matches, in which:  
190 unique CDR3  
13 unique J



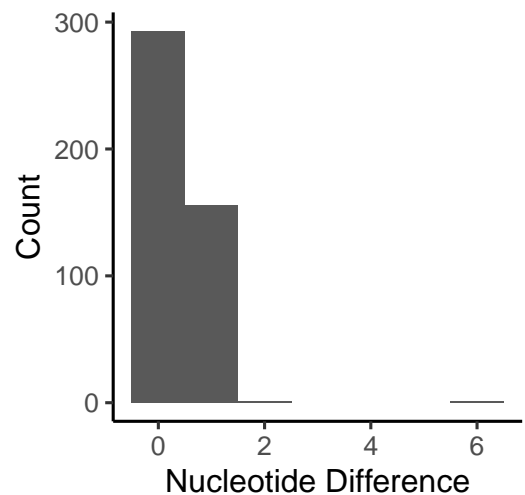
### TRBV6-4\*ap01

4394 sequences assigned  
4344 (98.9%) exact matches, in which:  
4290 unique CDR3  
13 unique J



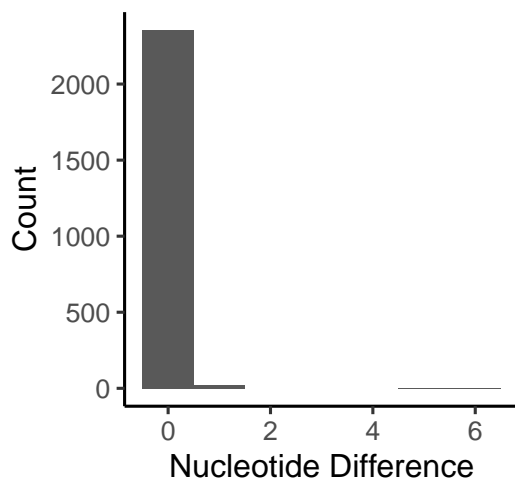
### TRBV6-9\*ap01

451 sequences assigned  
293 (65%) exact matches, in which:  
287 unique CDR3  
13 unique J



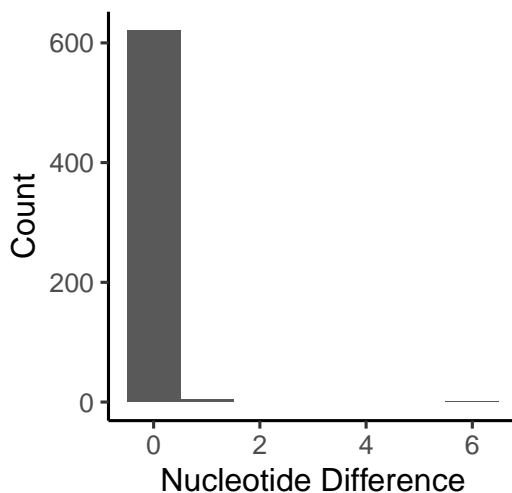
### TRBV5-8\*ap01

2377 sequences assigned  
2355 (99.1%) exact matches, in which:  
2313 unique CDR3  
13 unique J



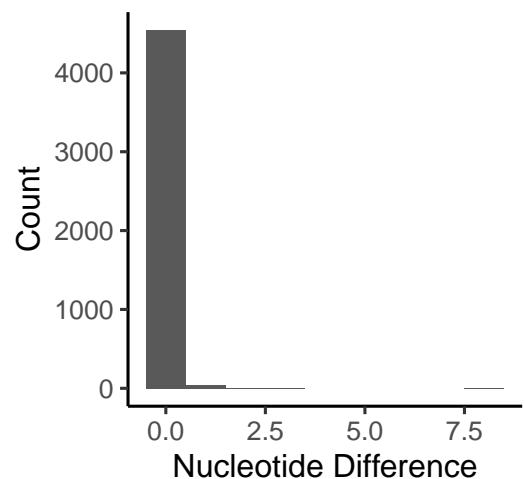
### TRBV6-7\*ap01

626 sequences assigned  
621 (99.2%) exact matches, in which:  
602 unique CDR3  
13 unique J



### TRBV6-23\*ap01

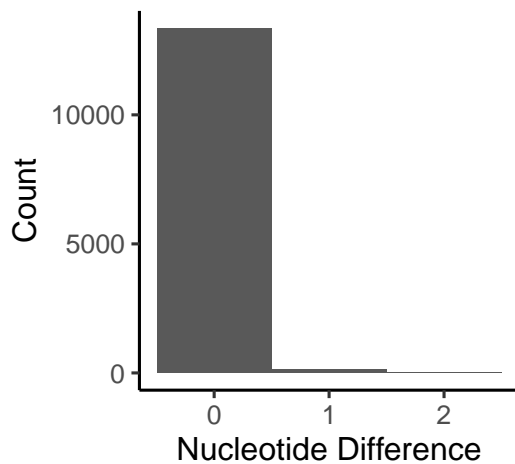
4586 sequences assigned  
4543 (99.1%) exact matches, in which:  
4425 unique CDR3  
13 unique J





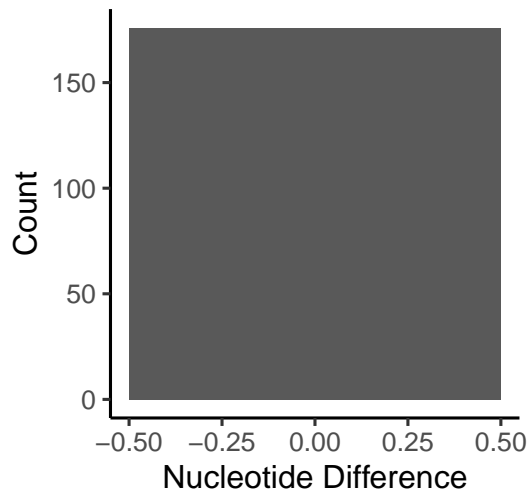
### TRBV6-56\*ap01

13489 sequences assigned  
13359 (99%) exact matches, in which:  
13023 unique CDR3  
13 unique J



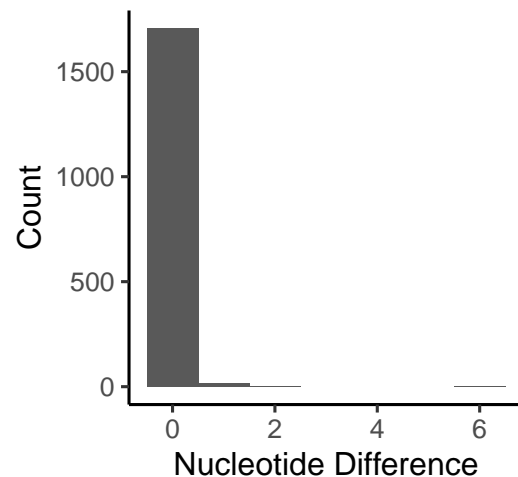
### TRBV7-1\*ap01\_G291C\_

176 sequences assigned  
176 (100%) exact matches, in which:  
174 unique CDR3  
13 unique J



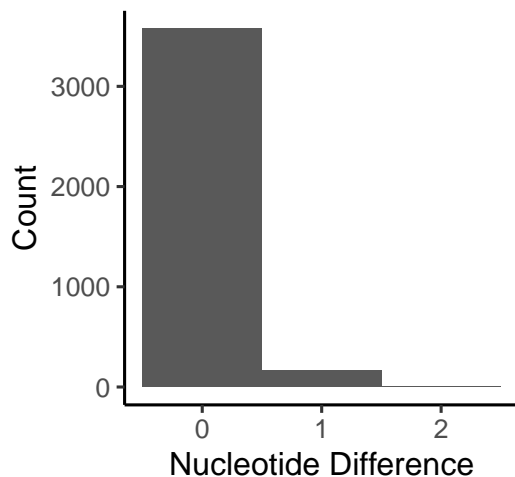
### TRBV7-3\*ap03

1724 sequences assigned  
1706 (99%) exact matches, in which:  
1683 unique CDR3  
13 unique J



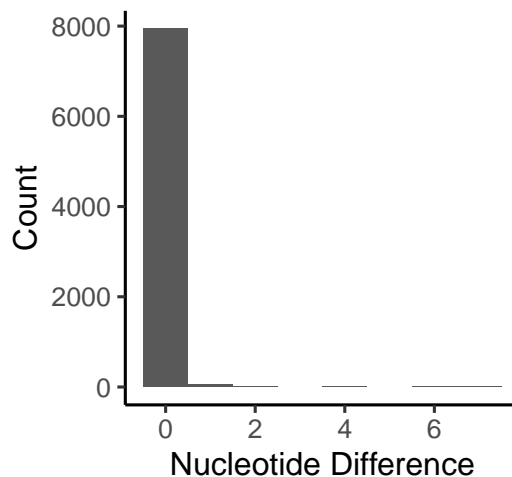
### TRBV6-56\*ap02

3742 sequences assigned  
3575 (95.5%) exact matches, in which:  
3494 unique CDR3  
13 unique J



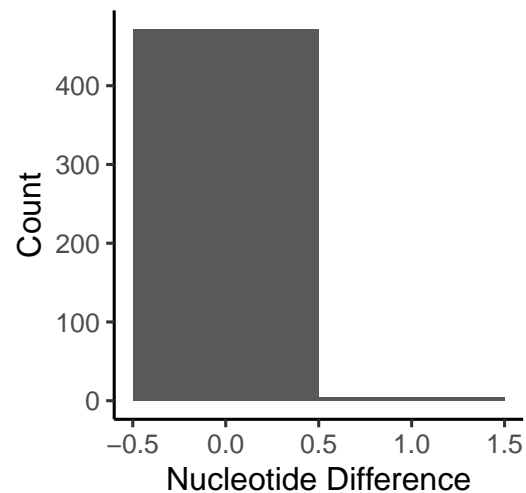
### TRBV7-2\*ap01

7994 sequences assigned  
7942 (99.3%) exact matches, in which:  
7851 unique CDR3  
14 unique J



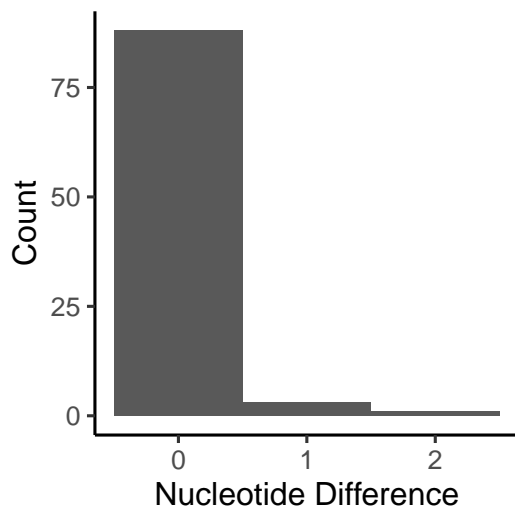
### TRBV7-4\*ap01

476 sequences assigned  
472 (99.2%) exact matches, in which:  
467 unique CDR3  
13 unique J



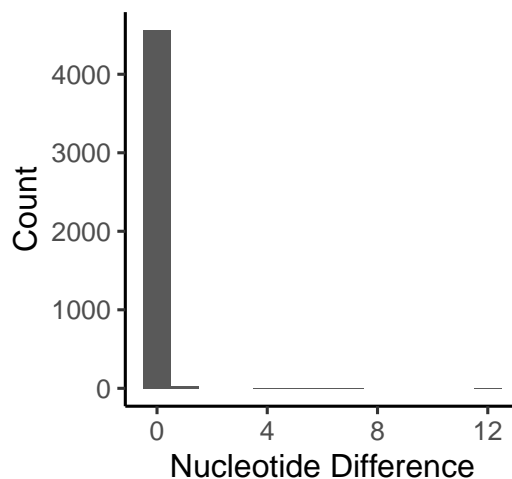
### TRBV7-1\*ap01\_G291C\_T

92 sequences assigned  
88 (95.7%) exact matches, in which:  
88 unique CDR3  
12 unique J



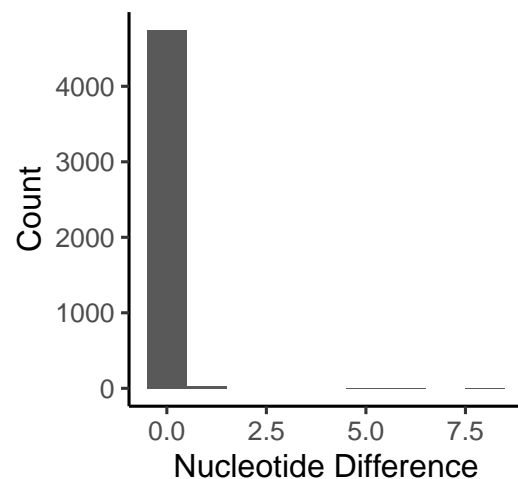
### TRBV7-3\*ap01

4597 sequences assigned  
4563 (99.3%) exact matches, in which:  
4533 unique CDR3  
13 unique J



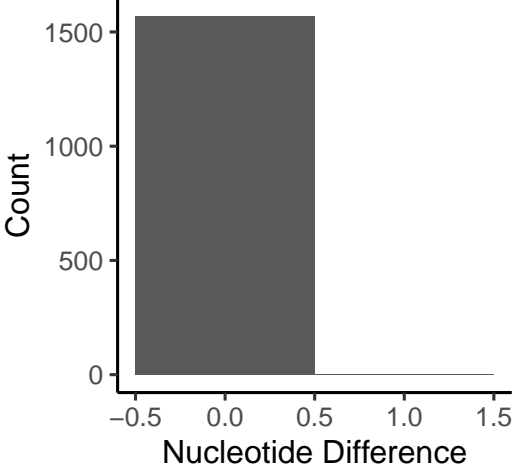
### TRBV7-6\*ap01

4779 sequences assigned  
4745 (99.3%) exact matches, in which:  
4676 unique CDR3  
13 unique J



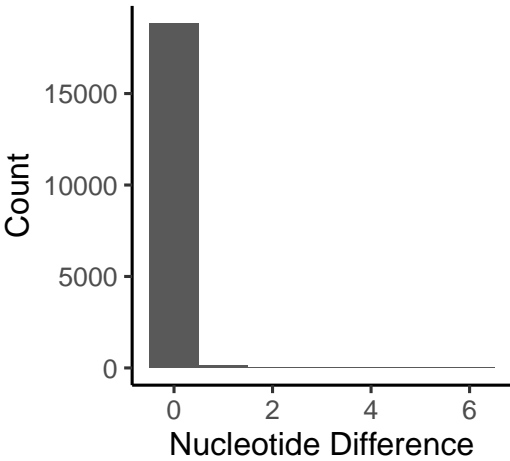
TRBV7-7\*ap01

1572 sequences assigned  
1568 (99.7%) exact matches, in which:  
1542 unique CDR3  
13 unique J



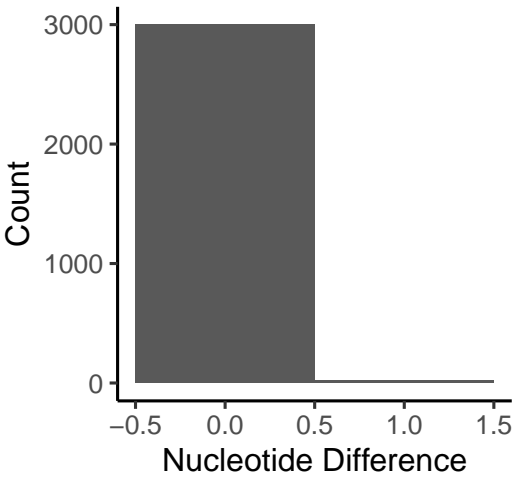
TRBV7-9\*ap01

18983 sequences assigned  
18850 (99.3%) exact matches, in which:  
18578 unique CDR3  
13 unique J



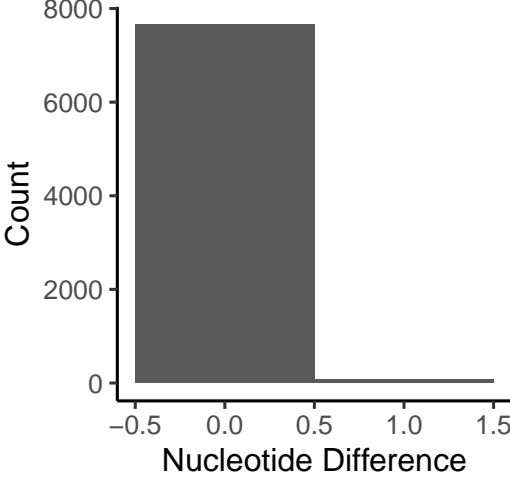
TRBV7-8\*ap01

3016 sequences assigned  
2999 (99.4%) exact matches, in which:  
2949 unique CDR3  
13 unique J



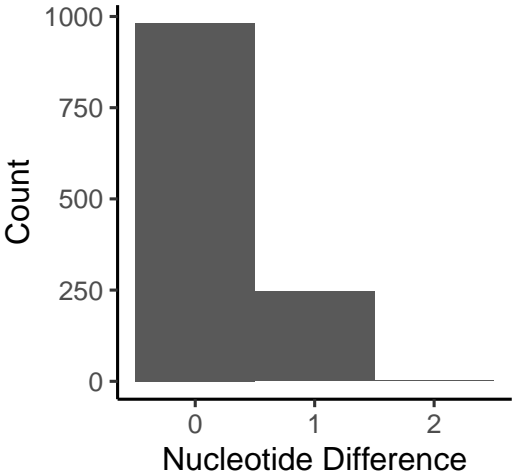
TRBV29-1\*ap01

7734 sequences assigned  
7654 (99%) exact matches, in which:  
7449 unique CDR3  
13 unique J



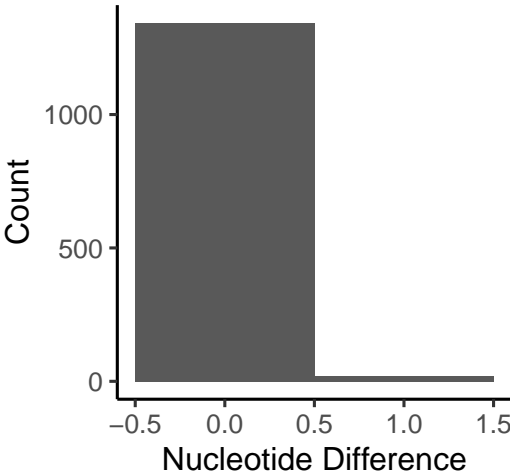
TRBV7-8\*ap03

1230 sequences assigned  
982 (79.8%) exact matches, in which:  
958 unique CDR3  
13 unique J

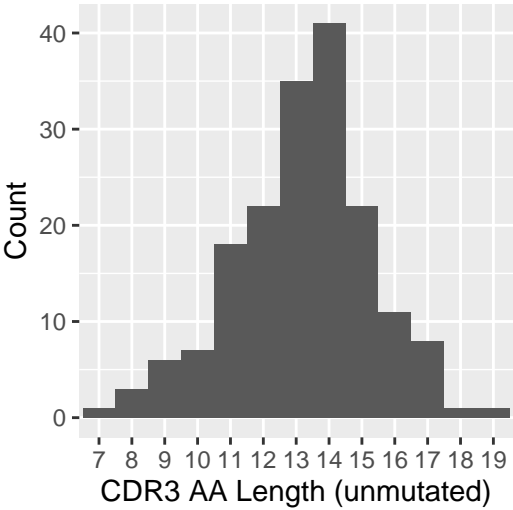


TRBV29-1\*ap02

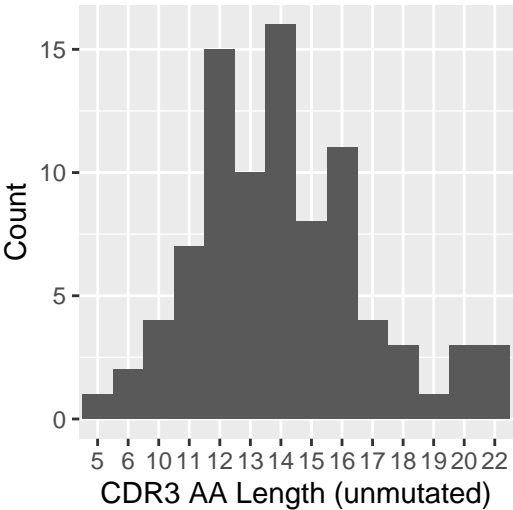
1364 sequences assigned  
1343 (98.5%) exact matches, in which:  
1312 unique CDR3  
13 unique J



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



TRBV7-1\*ap01\_G291C\_T296C





[illegible]