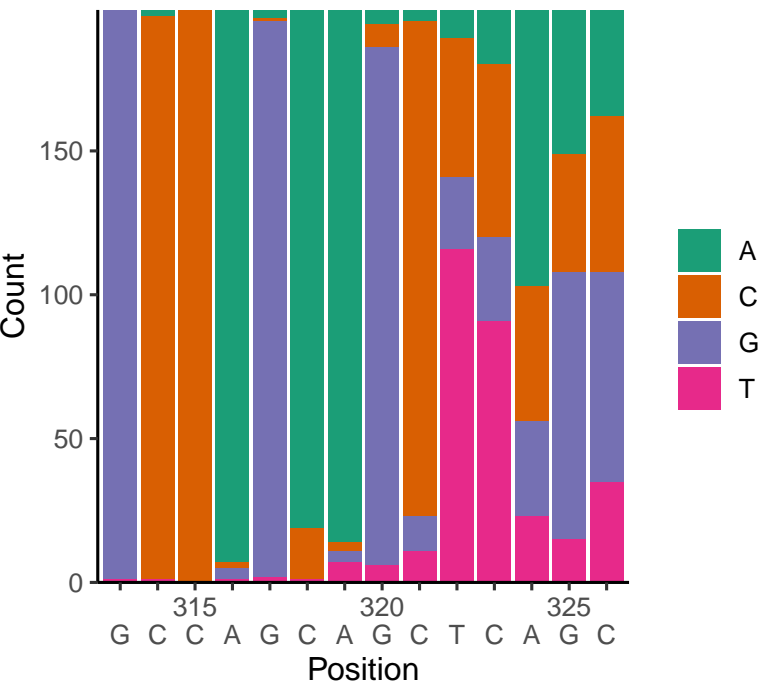


Gene TRBV7-1\*ap01\_G291C\_T296C



Gene TRBV7-1\*ap01\_G291C\_T296C



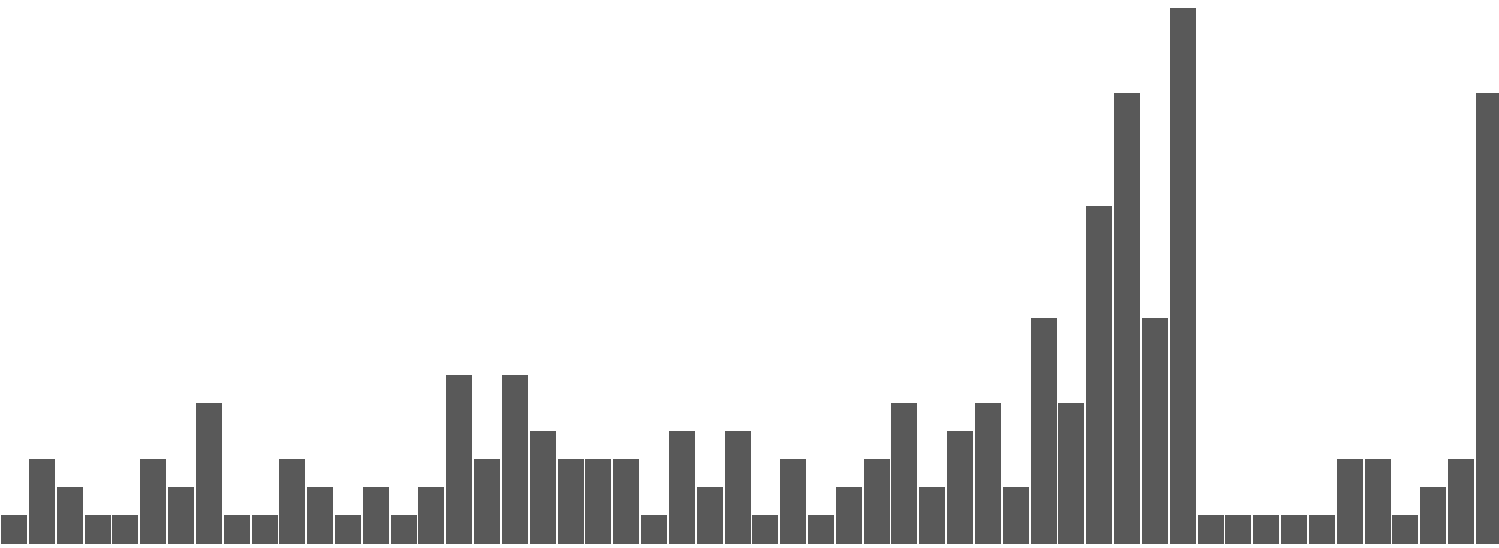
TRBV7-1\*ap01\_G291C\_T296C- Final 3 nucleotides as a triplet

Count

15  
10  
5  
0

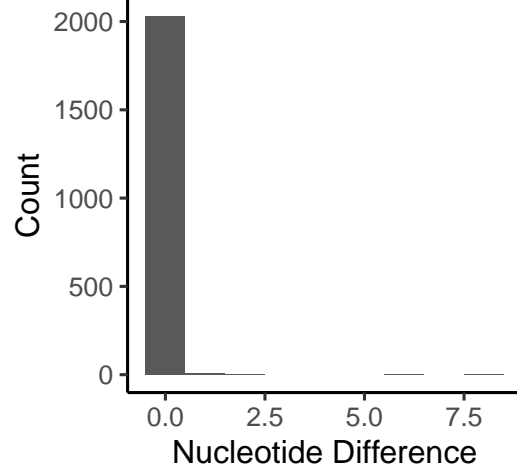
Triplet

TCT TCC TCA TCG TAT TAC TAA TAG TGC TGA TGG CTT CTC CTA CTG CCT CCC CCA CCG CAT CAC CAA CAG CGT CGC CGA CGG ATT ATC ATA ATG ACT ACC ACA ACG AAT AAC AAA AAG AGT AGC AGA AGG GTT GTC GCT GCC GCG GAC GAG GGT GGC GGA GGG



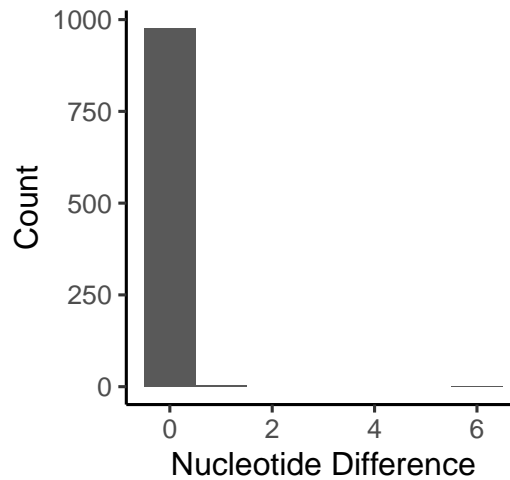
### TRBV10-1\*ap01

2045 sequences assigned  
2029 (99.2%) exact matches, in which:  
1995 unique CDR3  
13 unique J



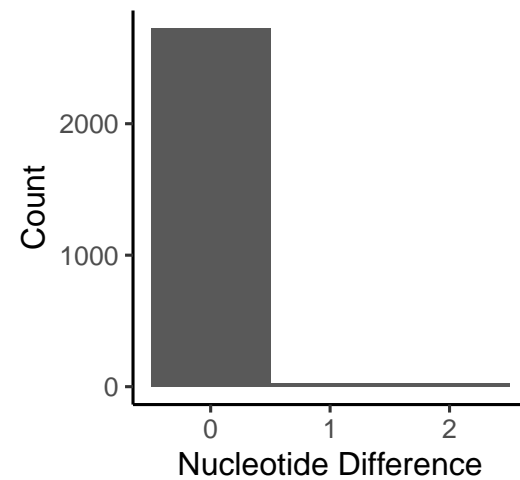
### TRBV10-2\*ap01

982 sequences assigned  
976 (99.4%) exact matches, in which:  
963 unique CDR3  
13 unique J



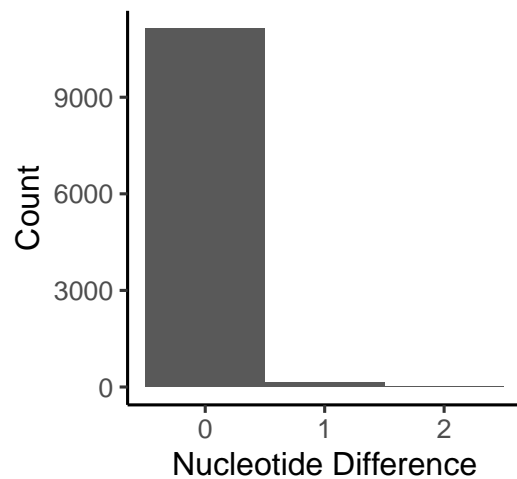
### TRBV13\*ap01

2780 sequences assigned  
2725 (98%) exact matches, in which:  
2684 unique CDR3  
13 unique J



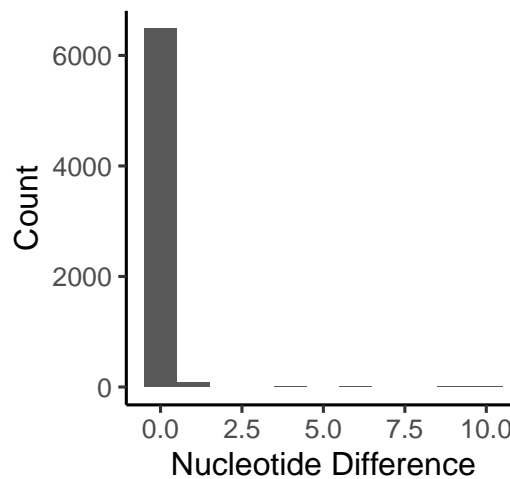
### TRBV20-1\*ap01

11271 sequences assigned  
11128 (98.7%) exact matches, in which:  
10998 unique CDR3  
13 unique J



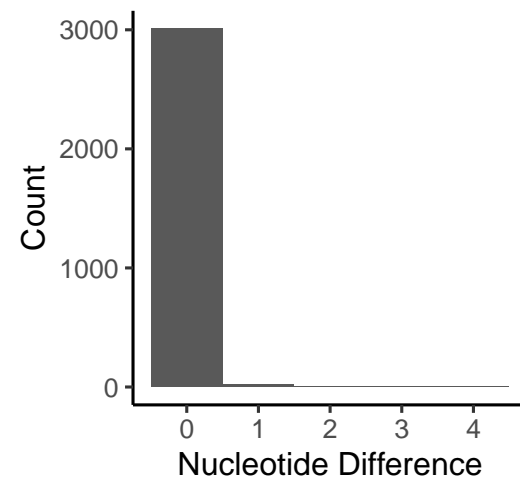
### TRBV10-3\*ap01

6561 sequences assigned  
6483 (98.8%) exact matches, in which:  
6376 unique CDR3  
13 unique J



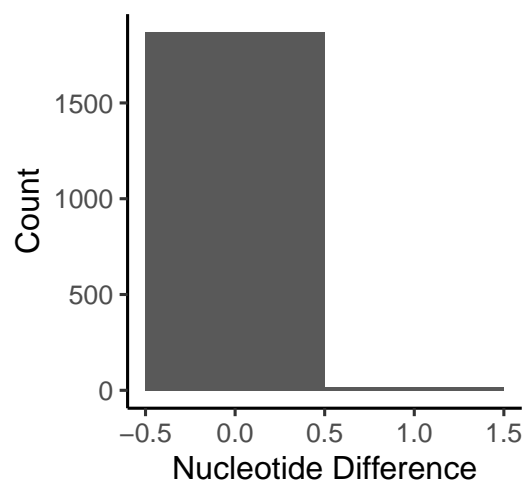
### TRBV14\*ap01

3038 sequences assigned  
3009 (99%) exact matches, in which:  
2962 unique CDR3  
13 unique J



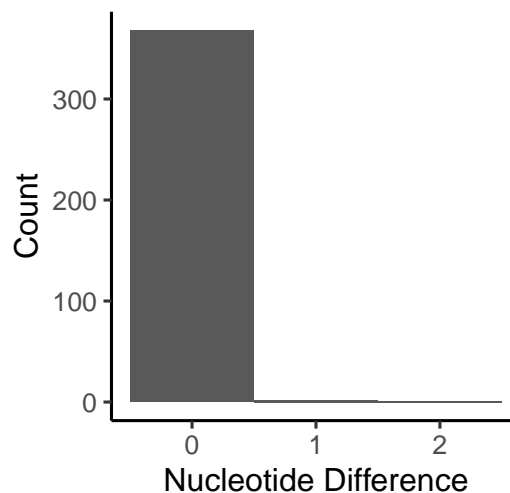
### TRBV20-1\*ap02

1886 sequences assigned  
1870 (99.2%) exact matches, in which:  
1851 unique CDR3  
13 unique J



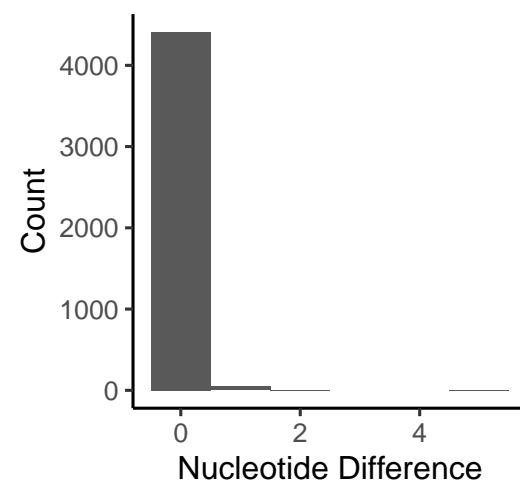
### TRBV1\*ap01

371 sequences assigned  
368 (99.2%) exact matches, in which:  
364 unique CDR3  
13 unique J



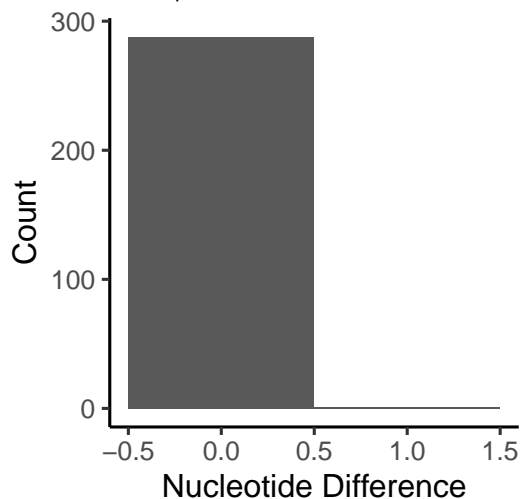
### TRBV15\*ap02

4457 sequences assigned  
4410 (98.9%) exact matches, in which:  
4353 unique CDR3  
13 unique J



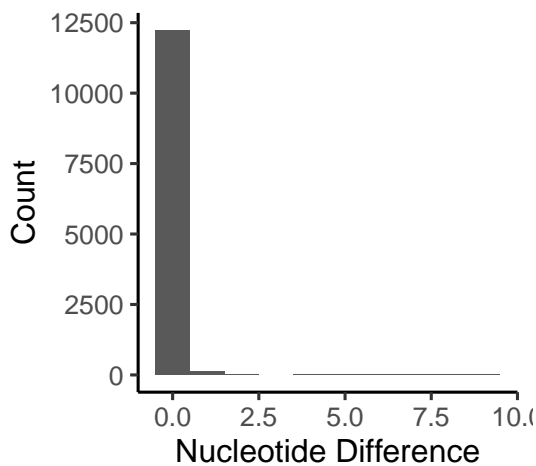
### TRBV16\*ap01

289 sequences assigned  
288 (99.7%) exact matches, in which:  
288 unique CDR3  
13 unique J



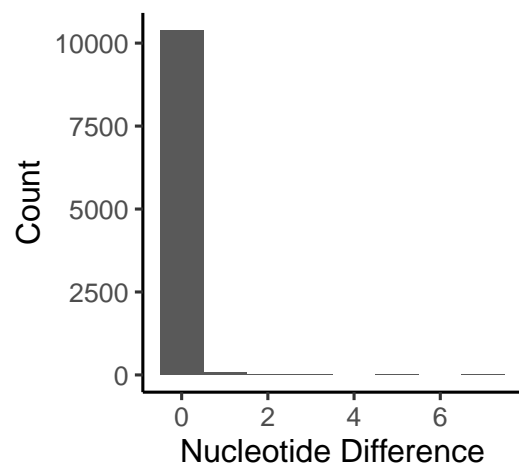
### TRBV19\*ap01

12384 sequences assigned  
12235 (98.8%) exact matches, in which:  
12152 unique CDR3  
13 unique J



### TRBV28\*ap01

10488 sequences assigned  
10391 (99.1%) exact matches, in which:  
10252 unique CDR3  
13 unique J



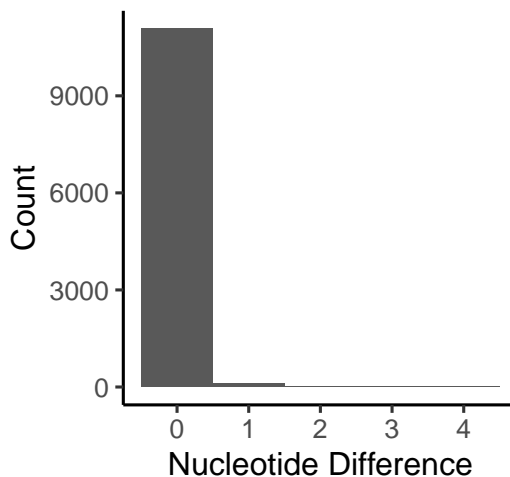
### TRBV17\*ap01

1 sequences assigned  
No exact matches.



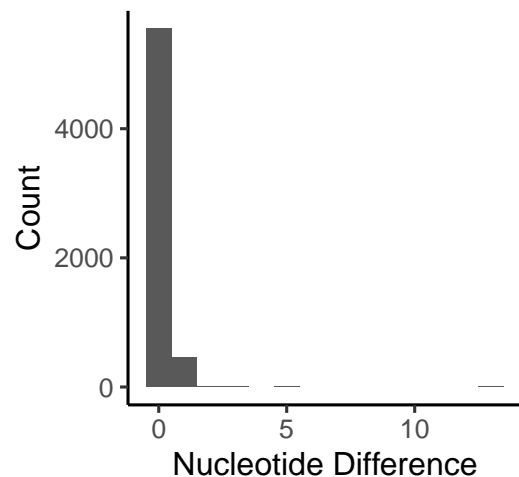
### TRBV2\*ap01

11197 sequences assigned  
11074 (98.9%) exact matches, in which:  
10934 unique CDR3  
13 unique J



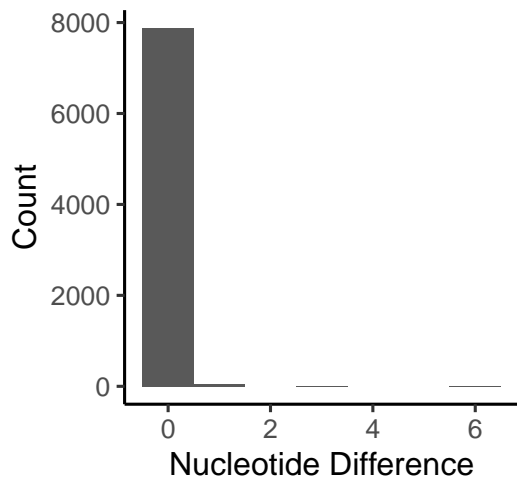
### TRBV30\*ap01

6024 sequences assigned  
5548 (92.1%) exact matches, in which:  
5500 unique CDR3  
13 unique J



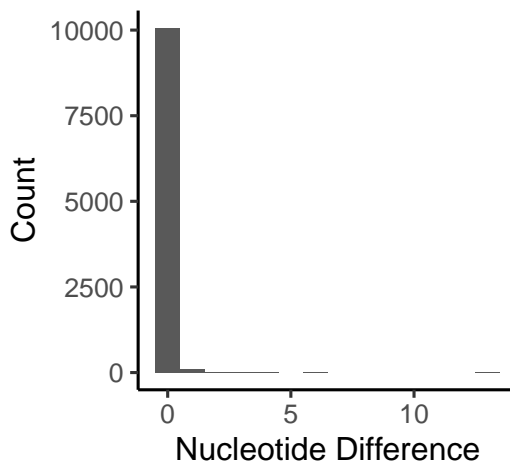
### TRBV18\*ap01

7929 sequences assigned  
7879 (99.4%) exact matches, in which:  
7800 unique CDR3  
13 unique J



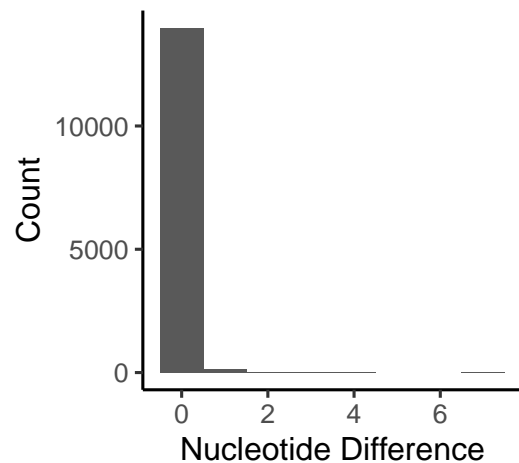
### TRBV27\*ap01

10193 sequences assigned  
10067 (98.8%) exact matches, in which:  
9921 unique CDR3  
13 unique J



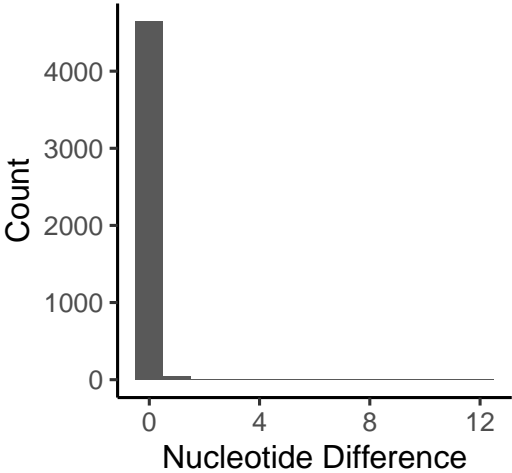
### TRBV9\*ap01

14134 sequences assigned  
13982 (98.9%) exact matches, in which:  
13799 unique CDR3  
13 unique J



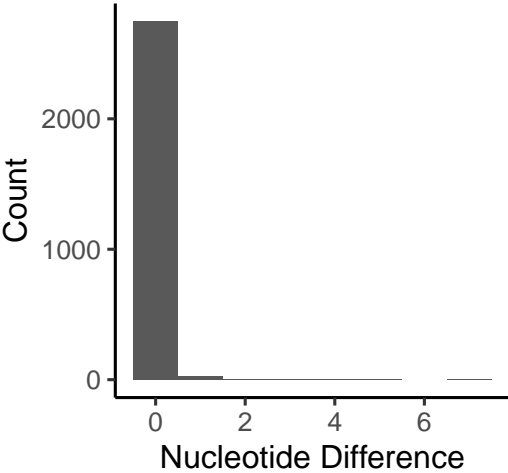
TRBV21-1\*ap01

4711 sequences assigned  
4645 (98.6%) exact matches, in which:  
4596 unique CDR3  
13 unique J



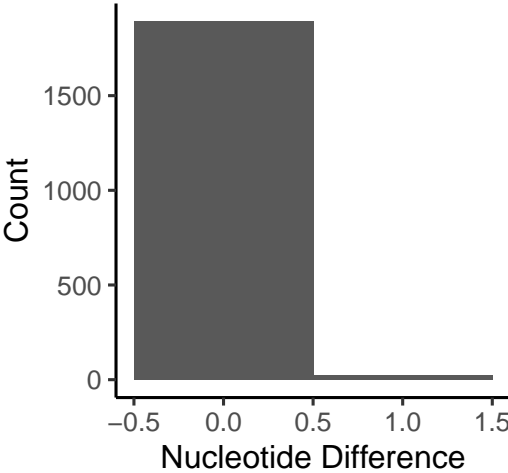
TRBV11-3\*ap01

2782 sequences assigned  
2747 (98.7%) exact matches, in which:  
2705 unique CDR3  
13 unique J



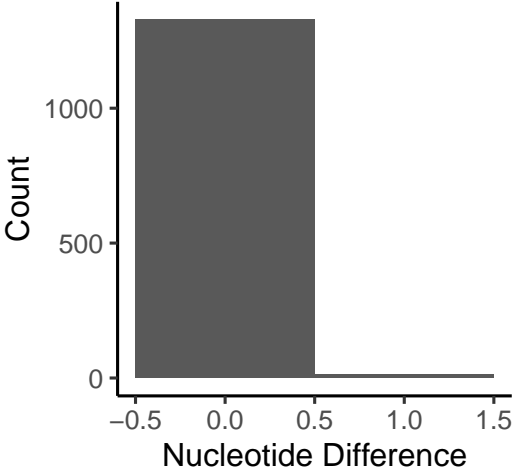
TRBV12-5\*ap01

1918 sequences assigned  
1892 (98.6%) exact matches, in which:  
1866 unique CDR3  
13 unique J



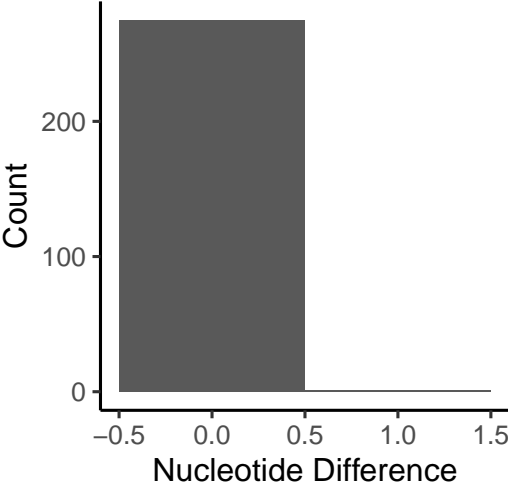
TRBV11-1\*ap01

1341 sequences assigned  
1328 (99%) exact matches, in which:  
1313 unique CDR3  
13 unique J



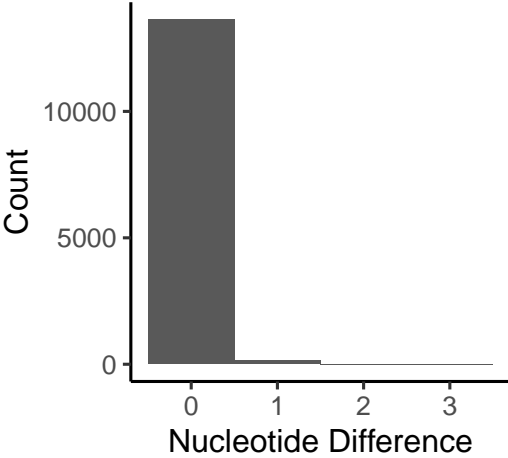
TRBV12-1\*ap01

276 sequences assigned  
275 (99.6%) exact matches, in which:  
271 unique CDR3  
13 unique J



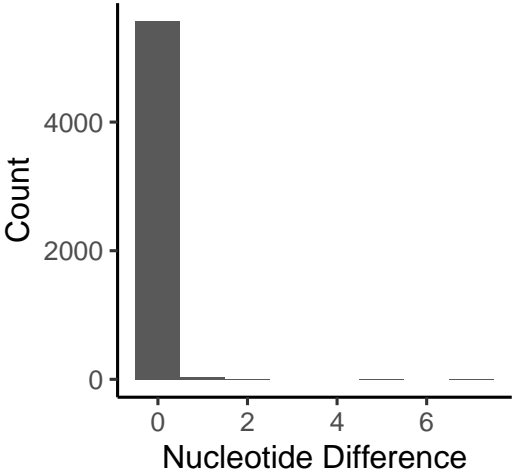
TRBV12-34\*ap01

13798 sequences assigned  
13636 (98.8%) exact matches, in which:  
13443 unique CDR3  
13 unique J



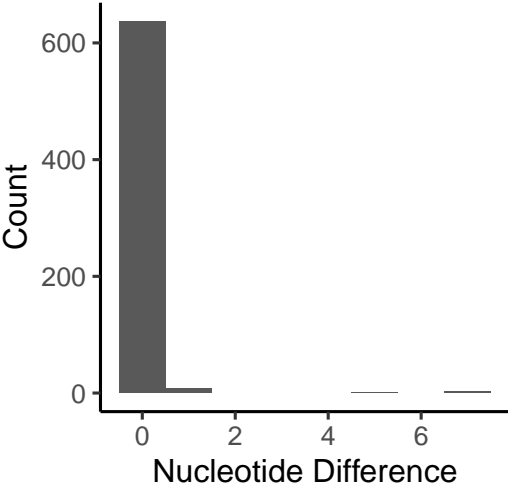
TRBV11-2\*ap01

5610 sequences assigned  
5571 (99.3%) exact matches, in which:  
5476 unique CDR3  
13 unique J



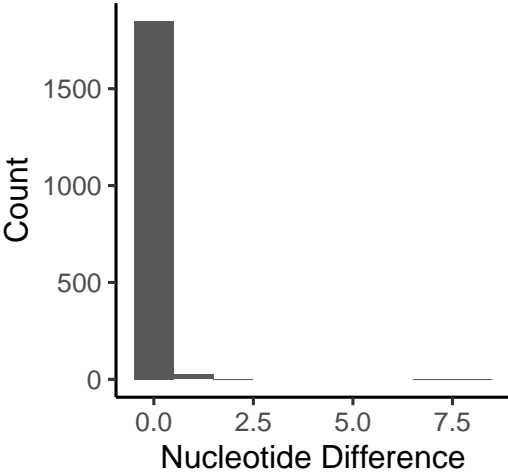
TRBV12-2\*ap01

647 sequences assigned  
637 (98.5%) exact matches, in which:  
630 unique CDR3  
13 unique J



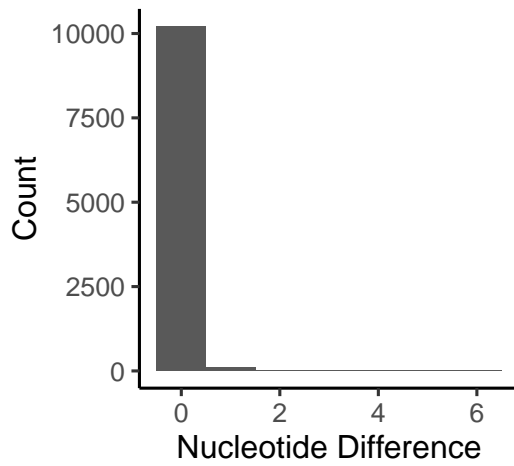
TRBV23-1\*ap01

1878 sequences assigned  
1849 (98.5%) exact matches, in which:  
1833 unique CDR3  
13 unique J



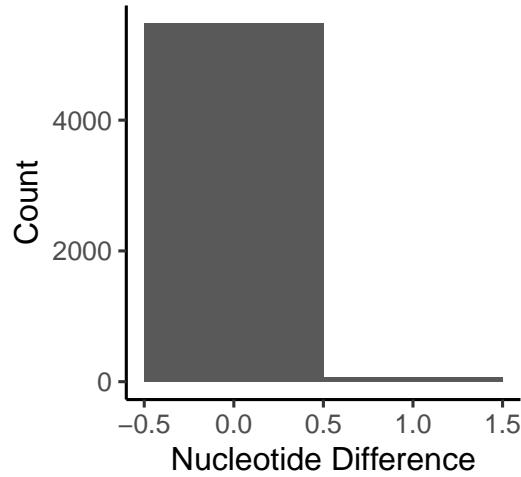
### TRBV3-12\*ap01

10338 sequences assigned  
10218 (98.8%) exact matches, in which:  
10091 unique CDR3  
13 unique J



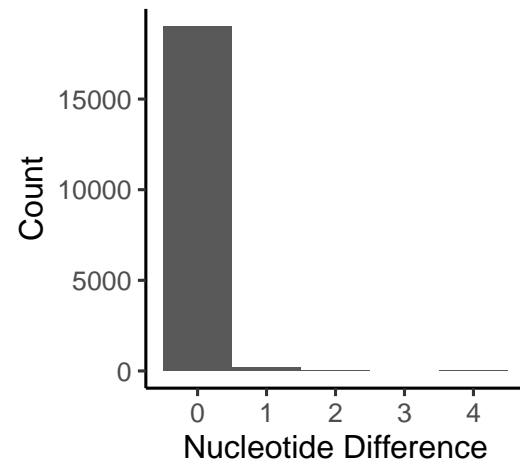
### TRBV4-2\*ap01

5544 sequences assigned  
5480 (98.8%) exact matches, in which:  
5398 unique CDR3  
13 unique J



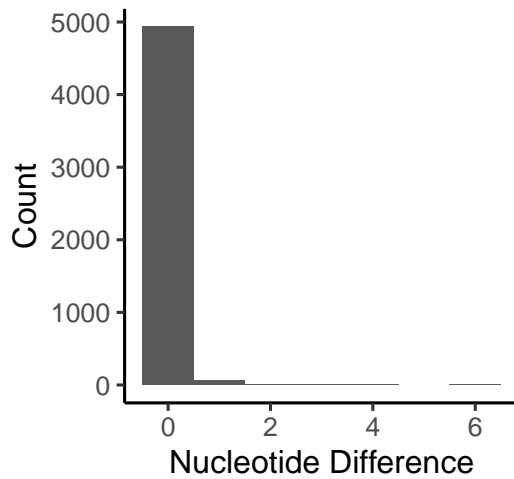
### TRBV5-1\*ap01

19203 sequences assigned  
19023 (99.1%) exact matches, in which:  
18666 unique CDR3  
13 unique J



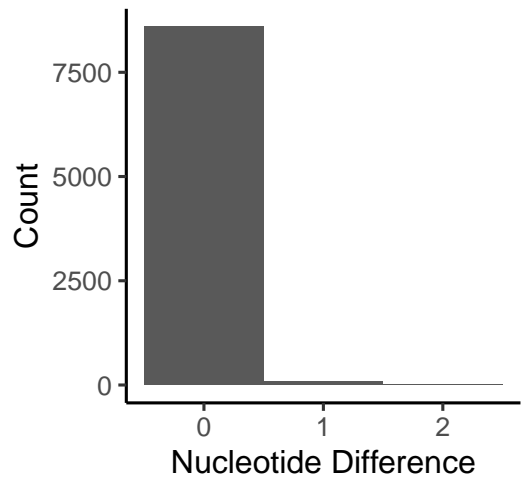
### TRBV24-1\*ap01

5003 sequences assigned  
4935 (98.6%) exact matches, in which:  
4867 unique CDR3  
13 unique J



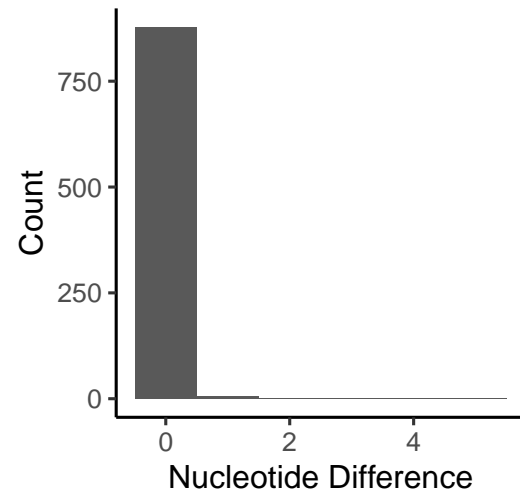
### TRBV4-3\*ap01

8685 sequences assigned  
8593 (98.9%) exact matches, in which:  
8462 unique CDR3  
13 unique J



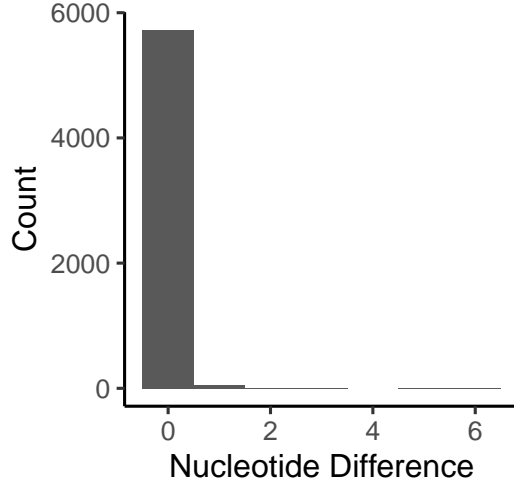
### TRBV5-3\*ap01

888 sequences assigned  
878 (98.9%) exact matches, in which:  
863 unique CDR3  
13 unique J



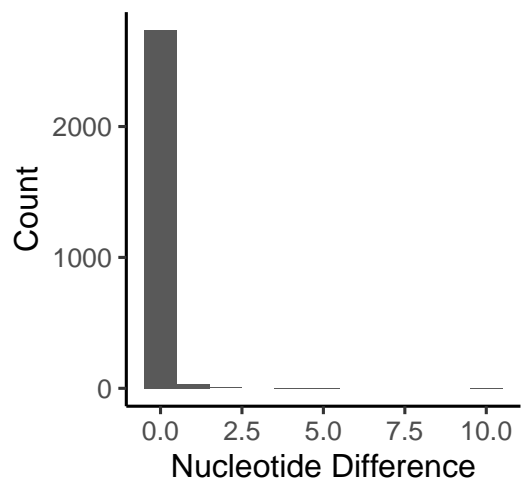
### TRBV4-1\*ap01

5781 sequences assigned  
5723 (99%) exact matches, in which:  
5635 unique CDR3  
13 unique J



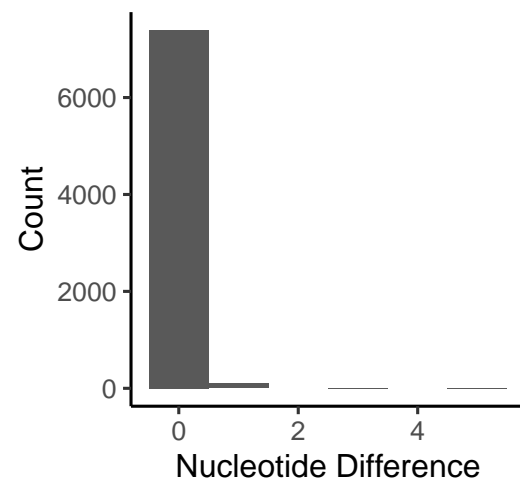
### TRBV25-1\*ap01

2780 sequences assigned  
2737 (98.5%) exact matches, in which:  
2688 unique CDR3  
13 unique J



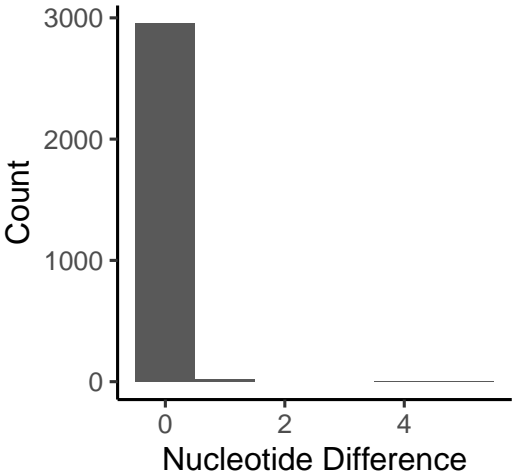
### TRBV5-4\*ap01

7497 sequences assigned  
7393 (98.6%) exact matches, in which:  
7283 unique CDR3  
13 unique J



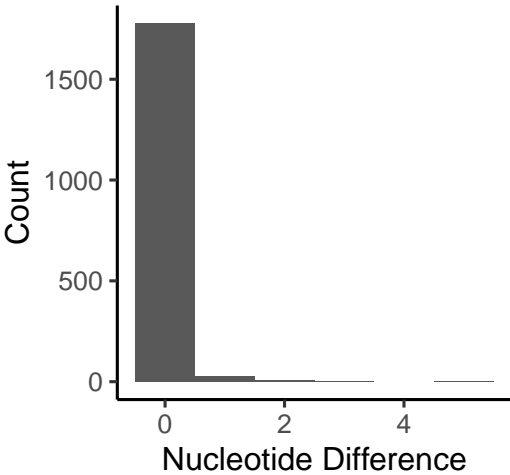
TRBV5-5\*ap01

2979 sequences assigned  
2954 (99.2%) exact matches, in which:  
2927 unique CDR3  
13 unique J



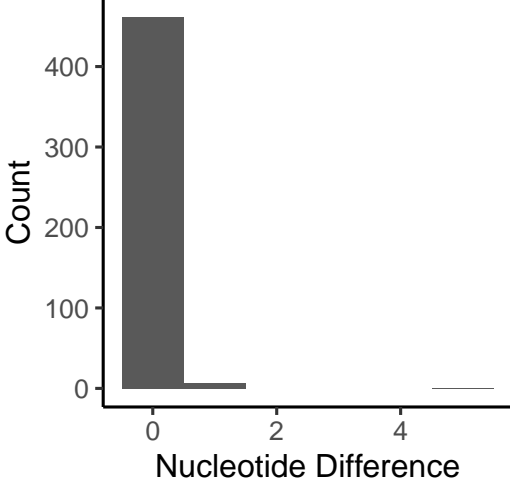
TRBV5-8\*ap01

1814 sequences assigned  
1777 (98%) exact matches, in which:  
1759 unique CDR3  
13 unique J



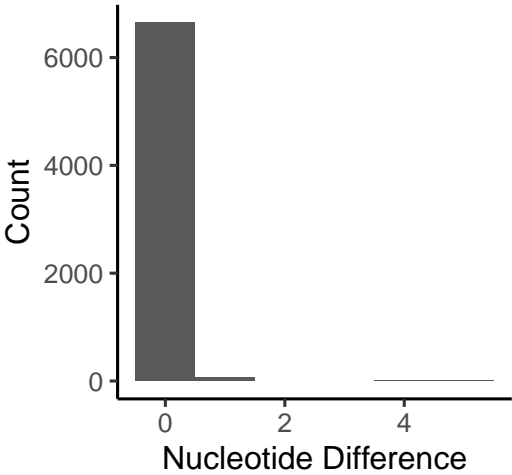
TRBV6-7\*ap01

470 sequences assigned  
462 (98.3%) exact matches, in which:  
456 unique CDR3  
13 unique J



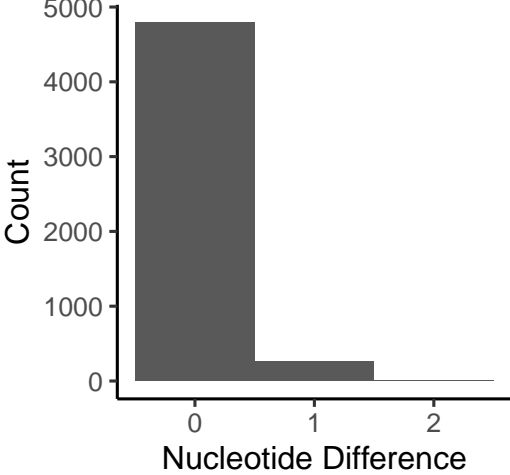
TRBV5-6\*ap01

6709 sequences assigned  
6646 (99.1%) exact matches, in which:  
6555 unique CDR3  
13 unique J



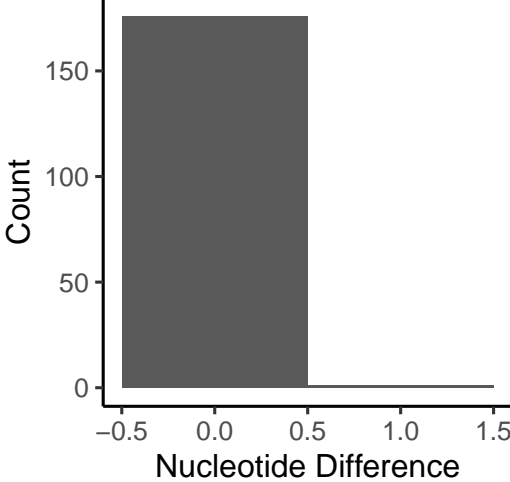
TRBV6-1\*ap01

5051 sequences assigned  
4790 (94.8%) exact matches, in which:  
4720 unique CDR3  
13 unique J



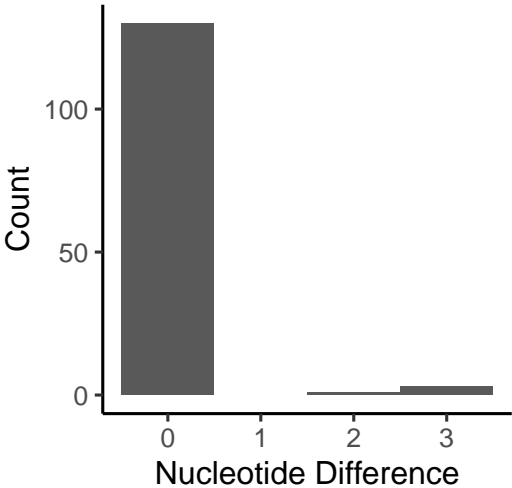
TRBV6-8\*ap01

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



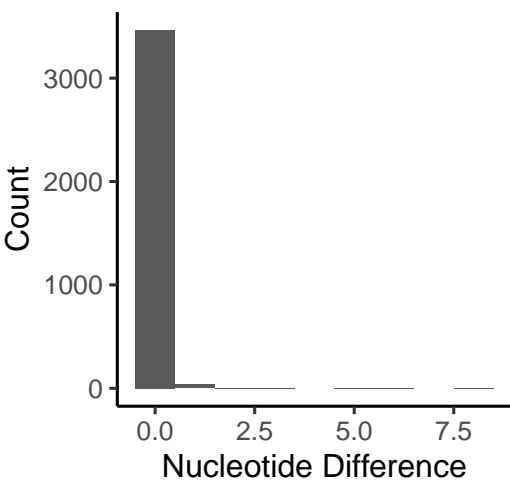
TRBV5-7\*ap01

134 sequences assigned  
130 (97%) exact matches, in which:  
128 unique CDR3  
12 unique J



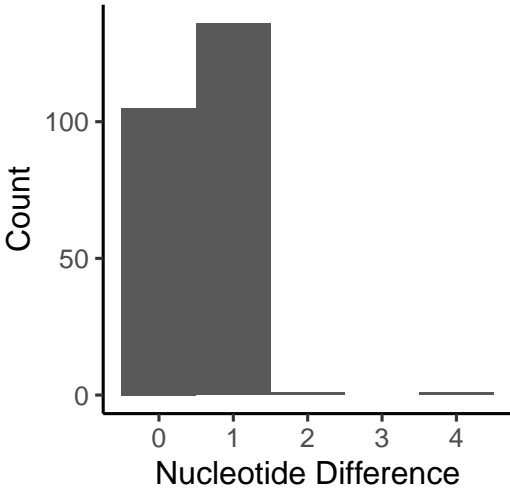
TRBV6-4\*ap01

3515 sequences assigned  
3465 (98.6%) exact matches, in which:  
3420 unique CDR3  
13 unique J



TRBV6-9\*ap01

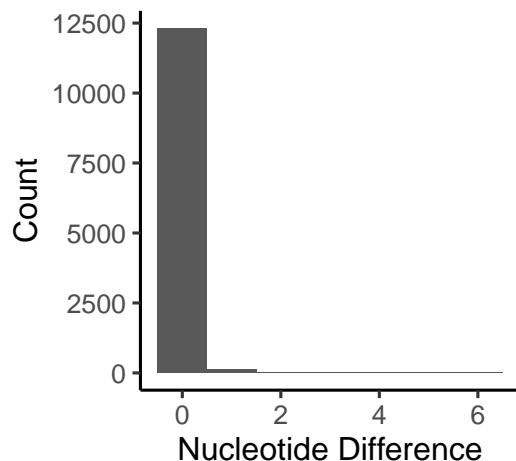
243 sequences assigned  
105 (43.2%) exact matches, in which:  
103 unique CDR3  
13 unique J





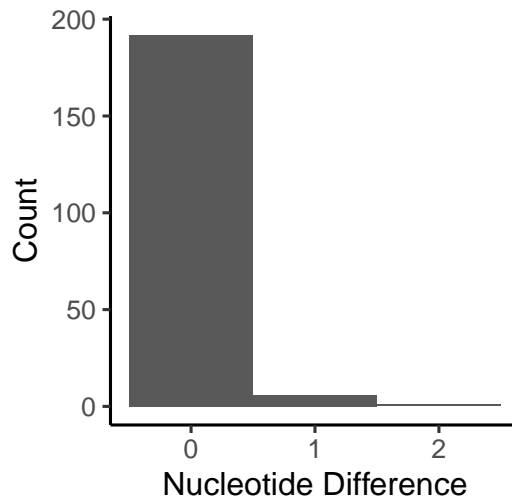
### TRBV6-23\*ap01

12439 sequences assigned  
12319 (99%) exact matches, in which:  
12144 unique CDR3  
13 unique J



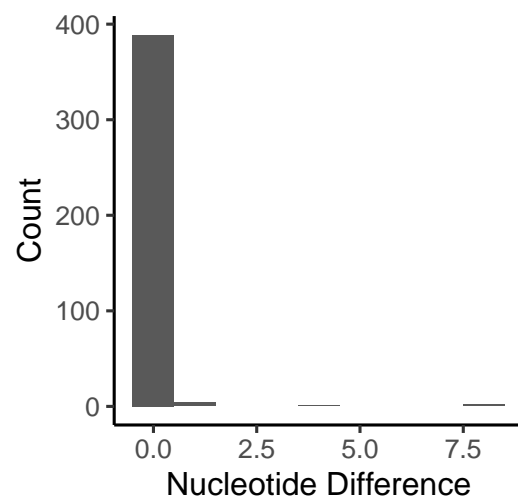
### TRBV7-1\*ap01\_G291C\_

199 sequences assigned  
192 (96.5%) exact matches, in which:  
191 unique CDR3  
13 unique J



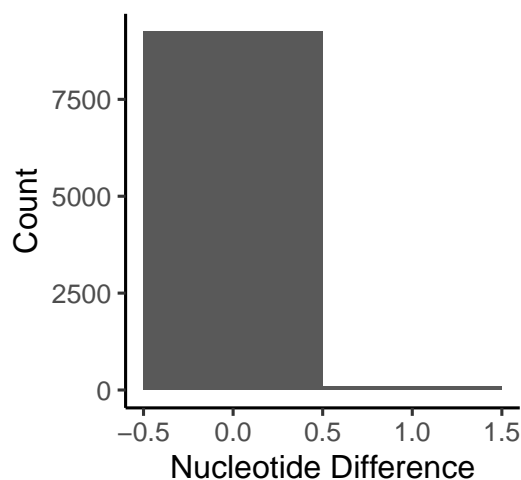
### TRBV7-4\*ap01

396 sequences assigned  
389 (98.2%) exact matches, in which:  
380 unique CDR3  
13 unique J



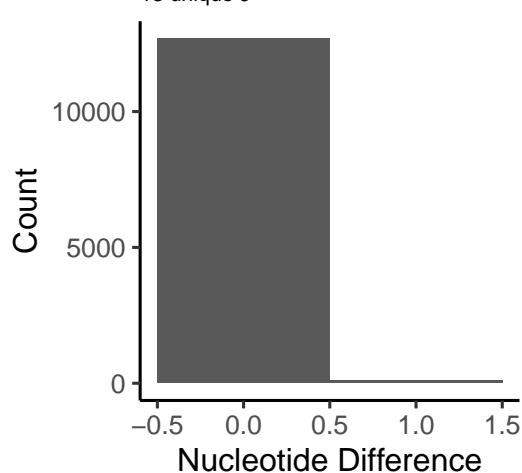
### TRBV6-56\*ap01

9328 sequences assigned  
9245 (99.1%) exact matches, in which:  
9098 unique CDR3  
13 unique J



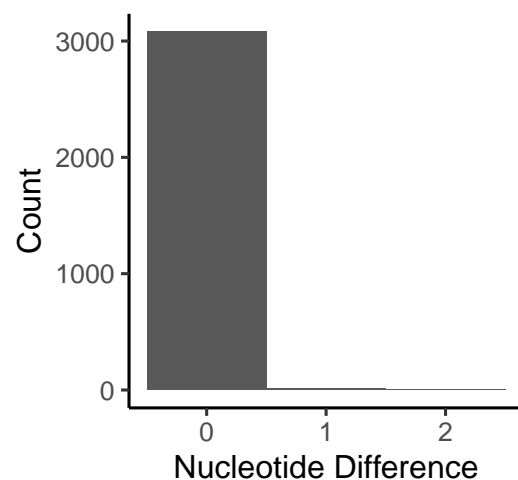
### TRBV7-2\*ap01

12798 sequences assigned  
12690 (99.2%) exact matches, in which:  
12534 unique CDR3  
13 unique J



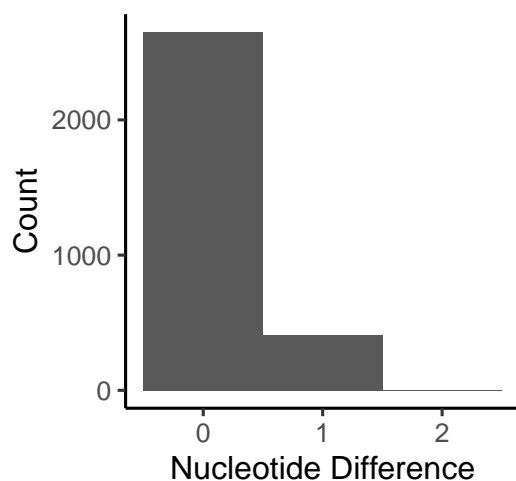
### TRBV7-6\*ap01

3097 sequences assigned  
3080 (99.5%) exact matches, in which:  
3039 unique CDR3  
13 unique J



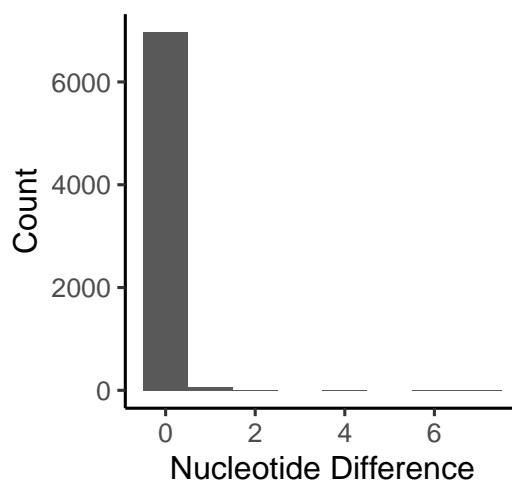
### TRBV6-56\*ap02

3063 sequences assigned  
2650 (86.5%) exact matches, in which:  
2610 unique CDR3  
13 unique J



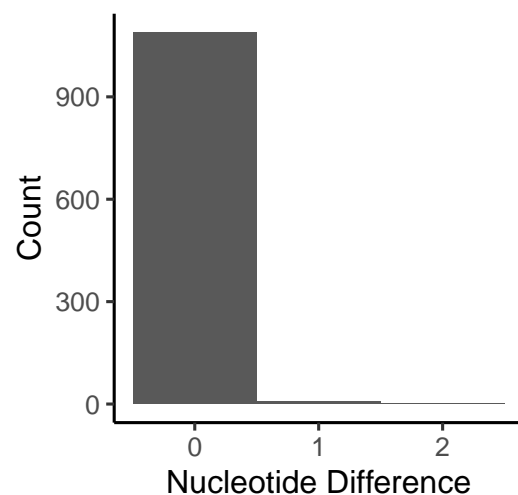
### TRBV7-3\*ap01

7047 sequences assigned  
6971 (98.9%) exact matches, in which:  
6887 unique CDR3  
13 unique J



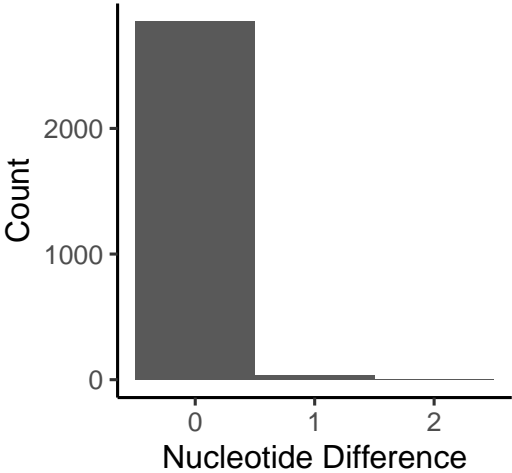
### TRBV7-7\*ap01

1097 sequences assigned  
1089 (99.3%) exact matches, in which:  
1071 unique CDR3  
13 unique J



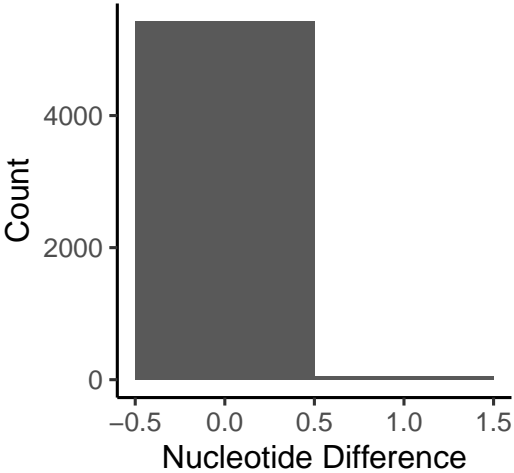
TRBV7-8\*ap01

2887 sequences assigned  
2852 (98.8%) exact matches, in which:  
2809 unique CDR3  
13 unique J



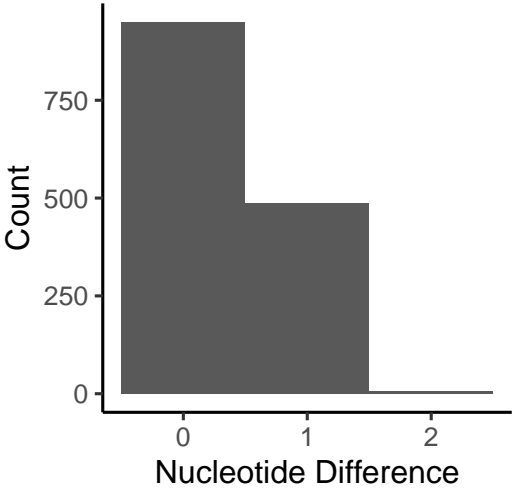
TRBV29-1\*ap01

5476 sequences assigned  
5426 (99.1%) exact matches, in which:  
5375 unique CDR3  
13 unique J



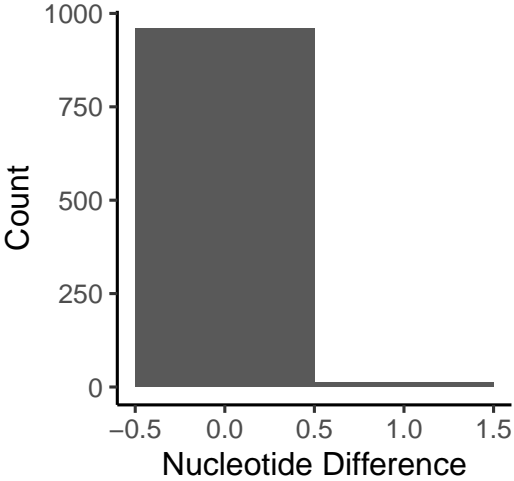
TRBV7-8\*ap03

1444 sequences assigned  
950 (65.8%) exact matches, in which:  
937 unique CDR3  
13 unique J



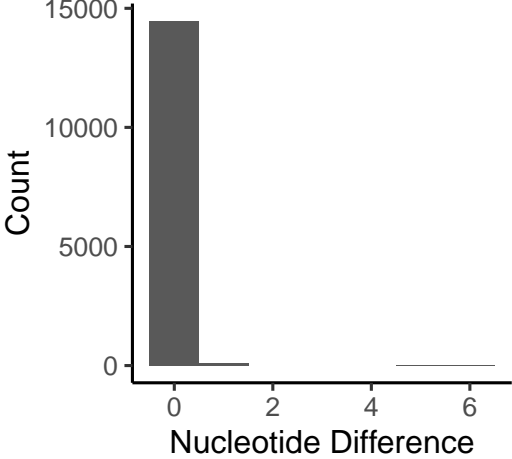
TRBV29-1\*ap02

970 sequences assigned  
959 (98.9%) exact matches, in which:  
945 unique CDR3  
13 unique J

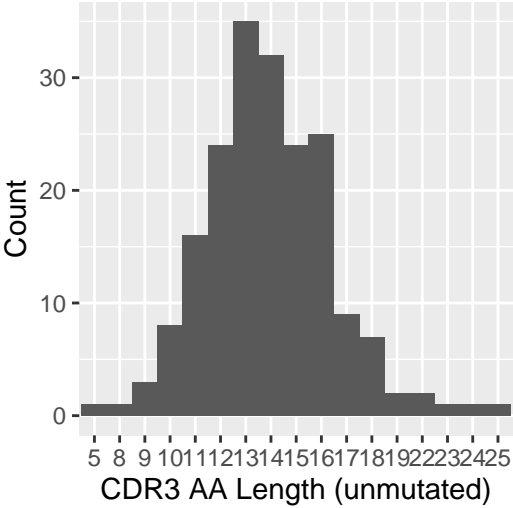


TRBV7-9\*ap01

14597 sequences assigned  
14476 (99.2%) exact matches, in which:  
14338 unique CDR3  
13 unique J



TRBV7-1\*ap01\_G291C\_T296C





Warning – no inferred sequences found.