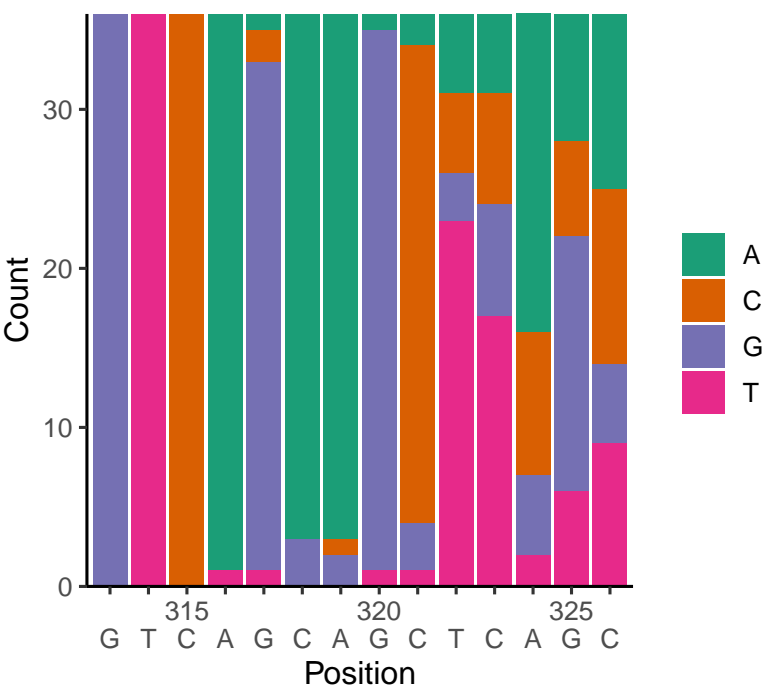
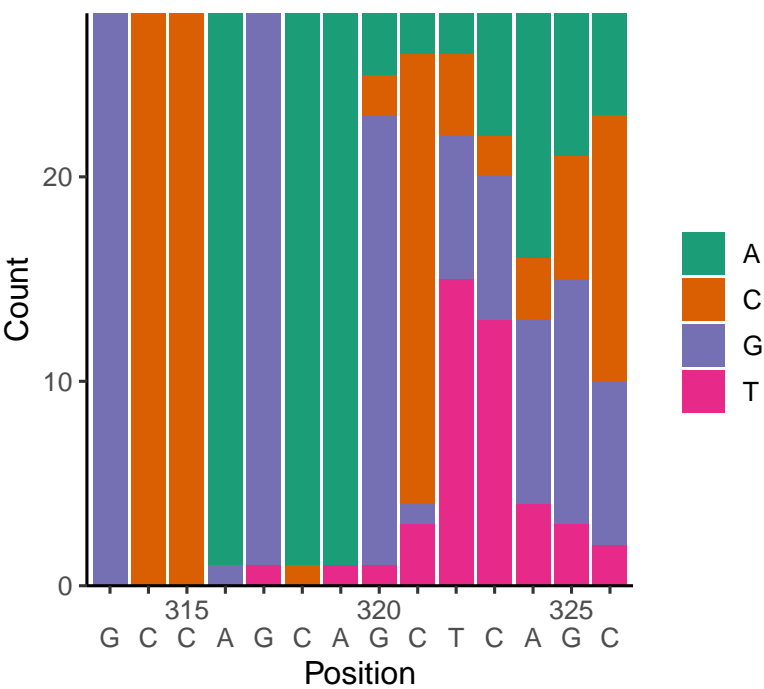


Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



Gene TRBV7-1\*ap01\_G291C\_T296C



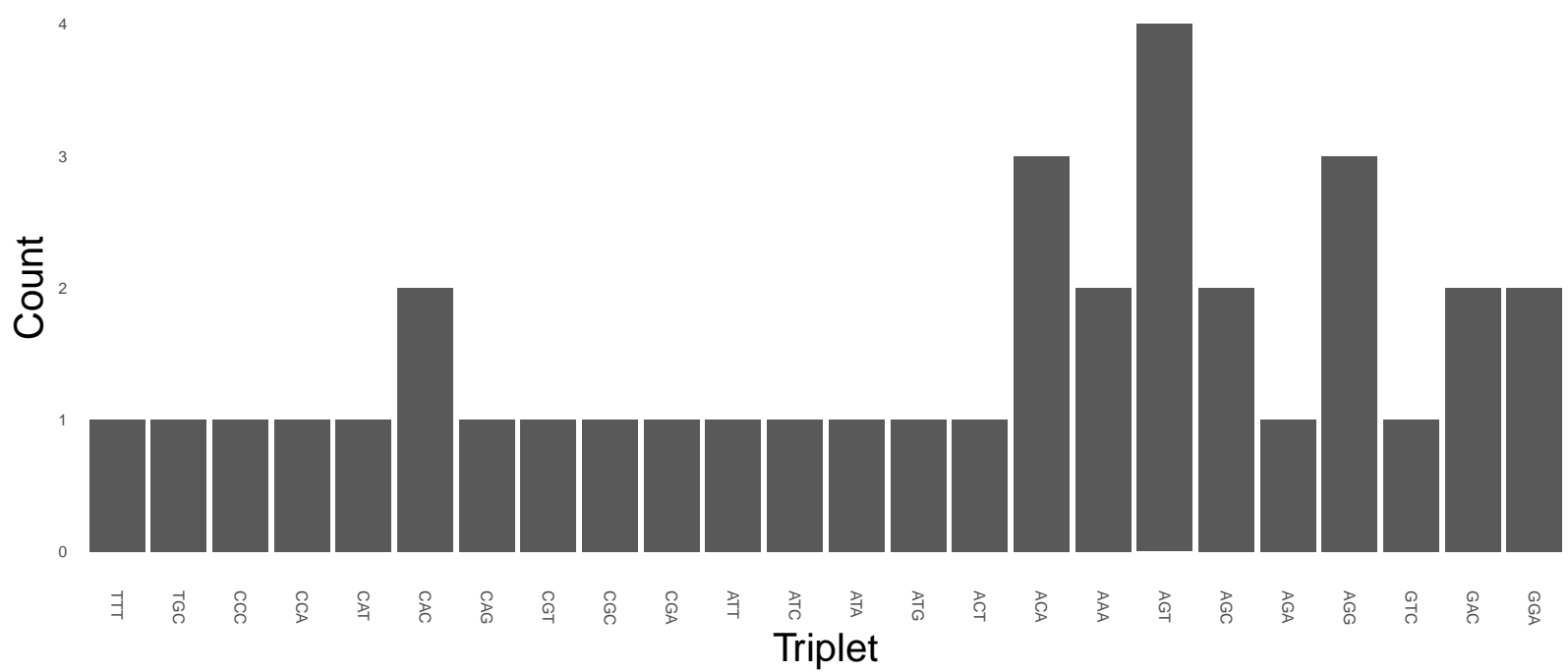
Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



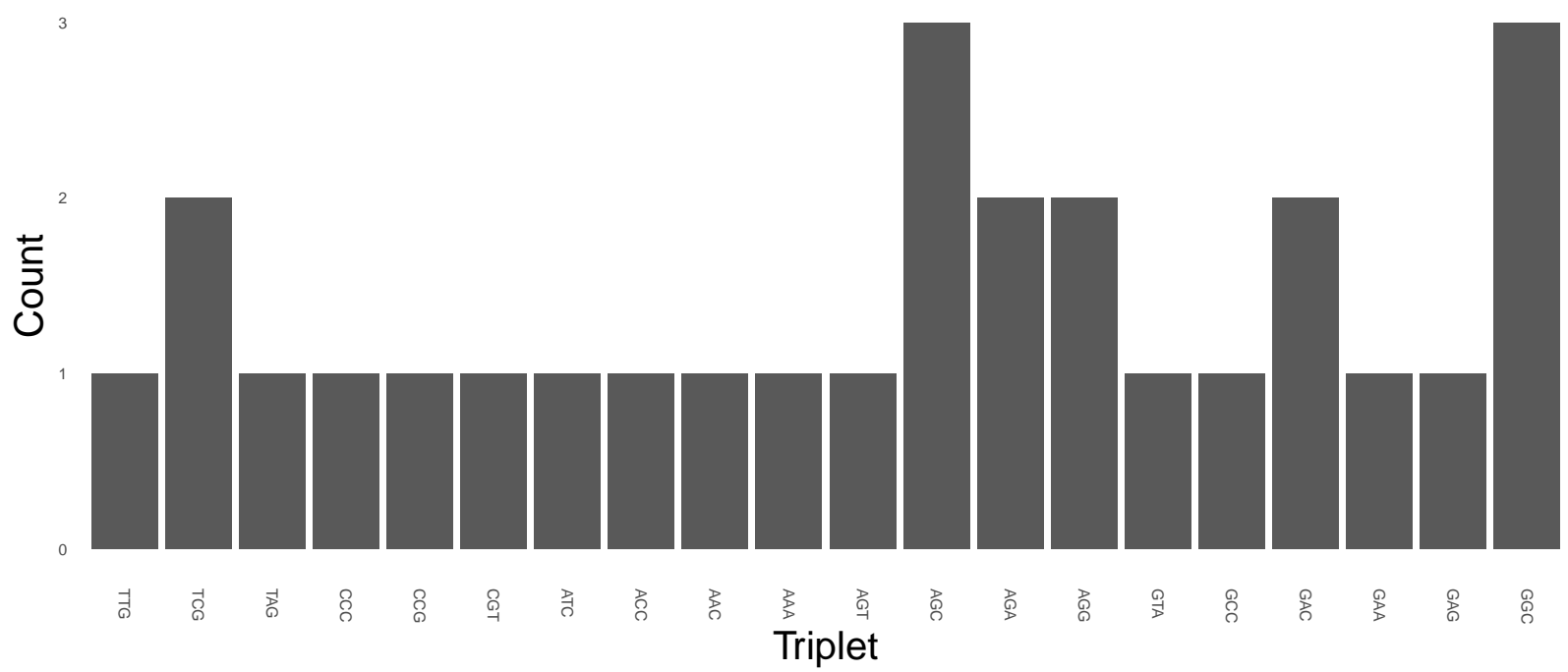
Gene TRBV7-1\*ap01\_G291C\_T296C



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

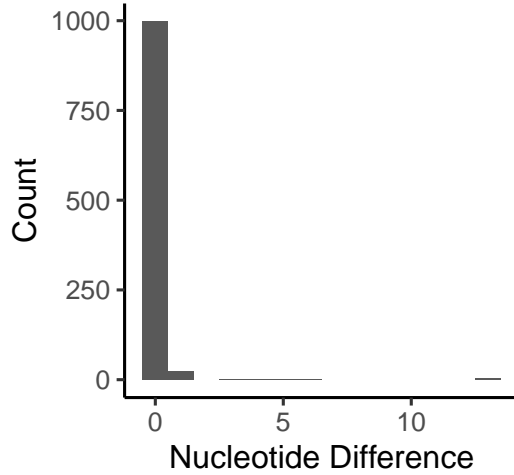


TRBV7-1\*ap01\_G291C\_T296C- Final 3 nucleotides as a triplet



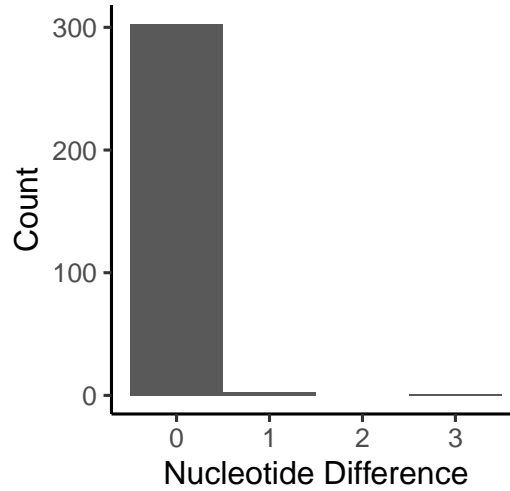
### TRBV10-1\*ap01

1031 sequences assigned  
998 (96.8%) exact matches, in which:  
977 unique CDR3  
13 unique J



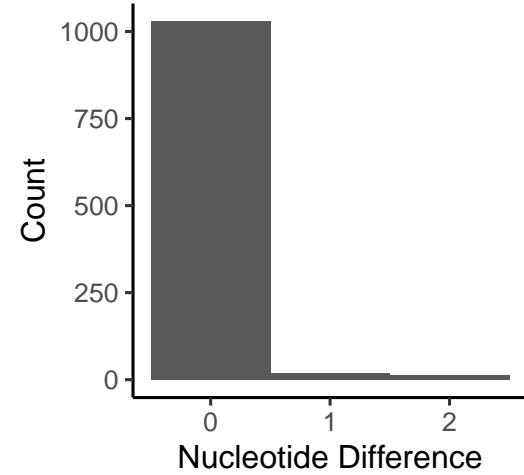
### TRBV10-2\*ap01

307 sequences assigned  
303 (98.7%) exact matches, in which:  
298 unique CDR3  
13 unique J



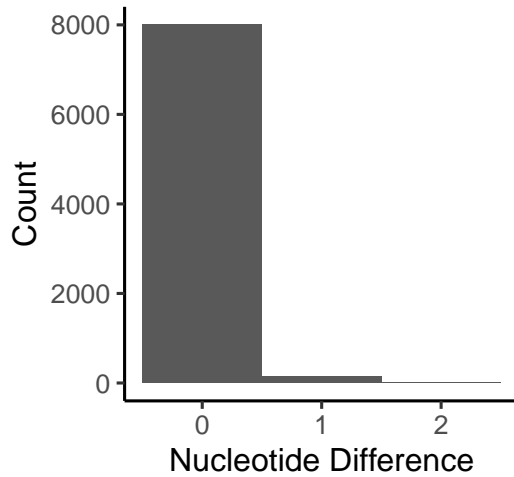
### TRBV13\*ap01

1061 sequences assigned  
1029 (97%) exact matches, in which:  
1007 unique CDR3  
14 unique J



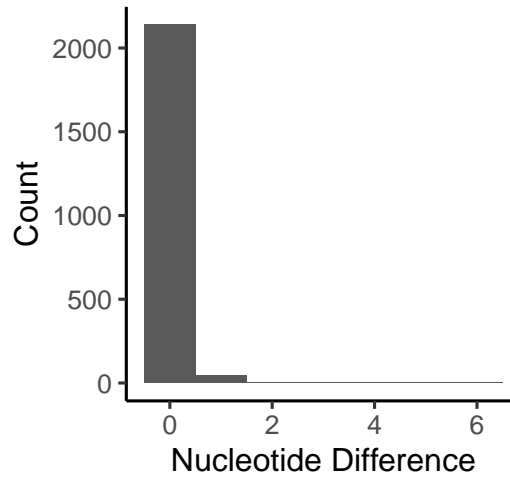
### TRBV20-1\*ap01

8144 sequences assigned  
8003 (98.3%) exact matches, in which:  
7817 unique CDR3  
13 unique J



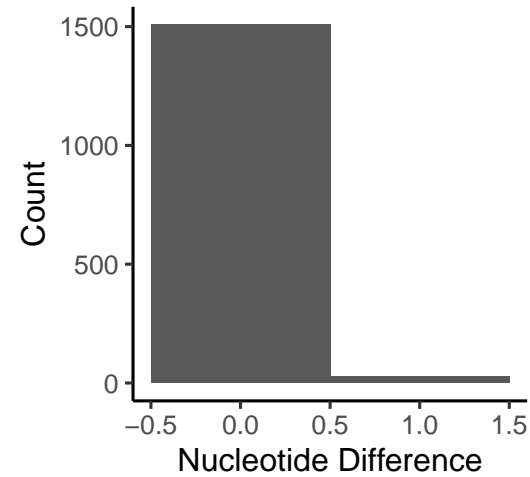
### TRBV10-3\*ap01

2189 sequences assigned  
2139 (97.7%) exact matches, in which:  
2114 unique CDR3  
13 unique J



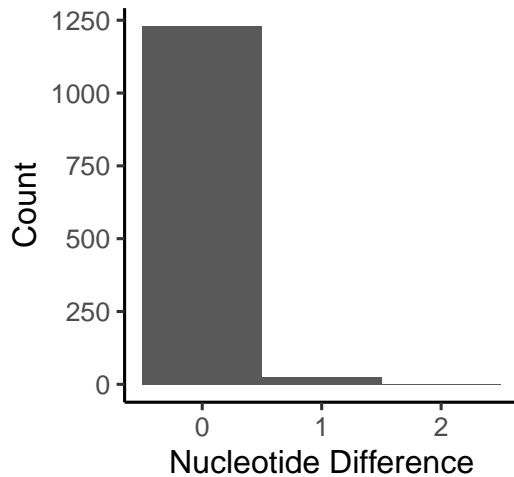
### TRBV14\*ap01

1534 sequences assigned  
1508 (98.3%) exact matches, in which:  
1497 unique CDR3  
13 unique J



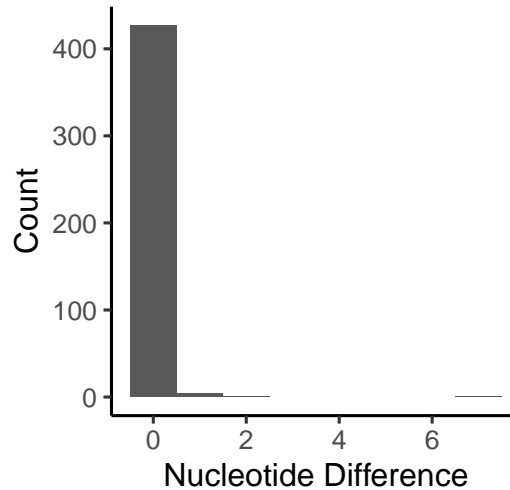
### TRBV20-1\*ap02

1256 sequences assigned  
1230 (97.9%) exact matches, in which:  
1200 unique CDR3  
13 unique J



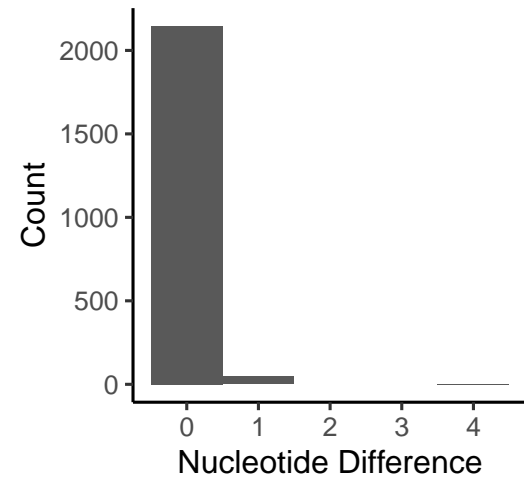
### TRBV1\*ap01

433 sequences assigned  
427 (98.6%) exact matches, in which:  
418 unique CDR3  
13 unique J



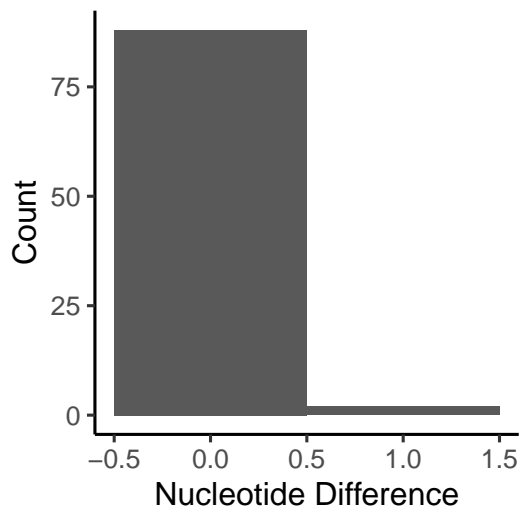
### TRBV15\*ap02

2194 sequences assigned  
2146 (97.8%) exact matches, in which:  
2115 unique CDR3  
13 unique J



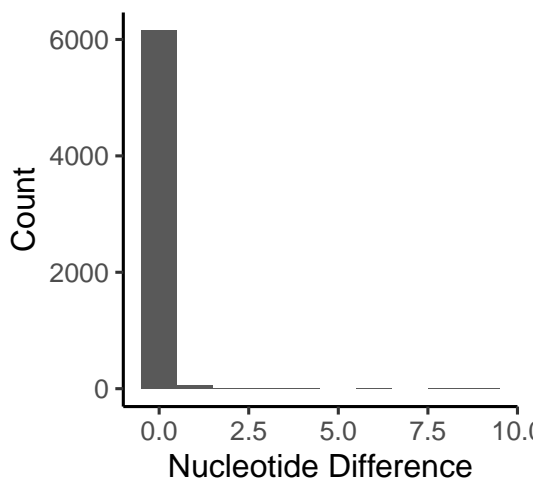
### TRBV16\*ap01

90 sequences assigned  
88 (97.8%) exact matches, in which:  
87 unique CDR3  
11 unique J



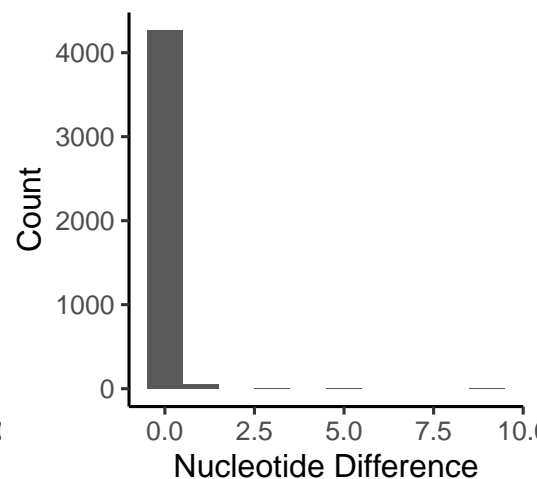
### TRBV19\*ap01

6228 sequences assigned  
6156 (98.8%) exact matches, in which:  
6077 unique CDR3  
13 unique J



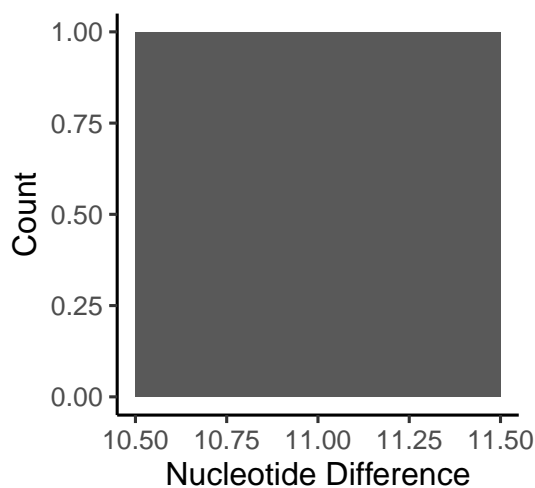
### TRBV27\*ap01

4327 sequences assigned  
4265 (98.6%) exact matches, in which:  
4221 unique CDR3  
13 unique J



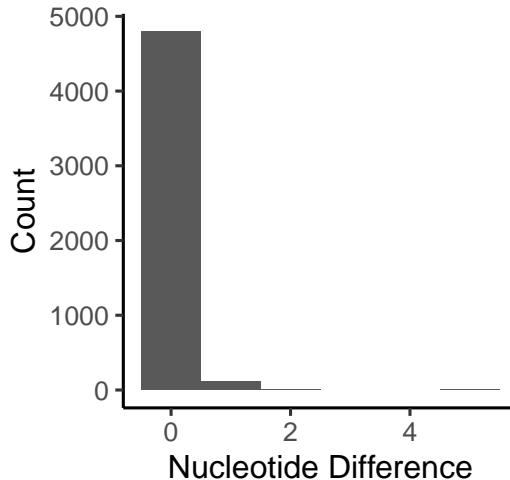
### TRBV17\*ap01

1 sequences assigned  
No exact matches.



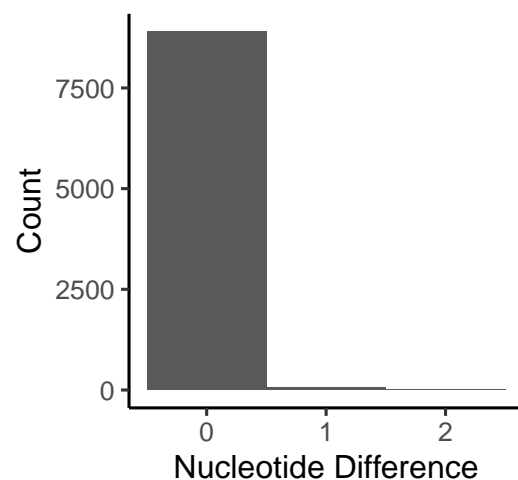
### TRBV2\*ap01

4908 sequences assigned  
4794 (97.7%) exact matches, in which:  
4722 unique CDR3  
13 unique J



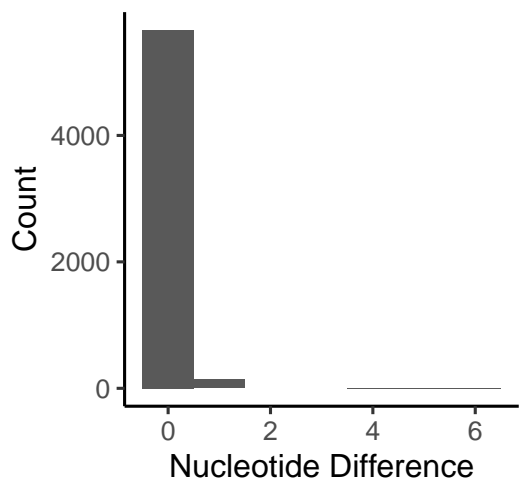
### TRBV28\*ap01

8966 sequences assigned  
8896 (99.2%) exact matches, in which:  
8800 unique CDR3  
13 unique J



### TRBV18\*ap01

5810 sequences assigned  
5667 (97.5%) exact matches, in which:  
5533 unique CDR3  
13 unique J



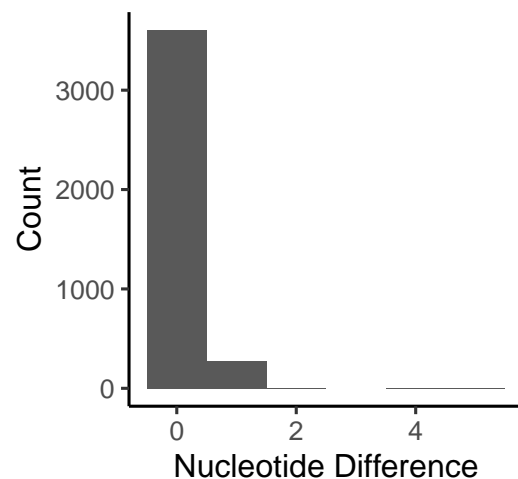
### TRBV26\*ap01

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



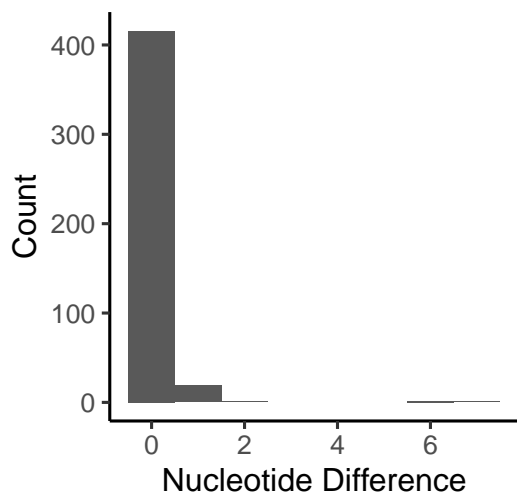
### TRBV30\*ap01

3883 sequences assigned  
3605 (92.8%) exact matches, in which:  
3406 unique CDR3  
13 unique J



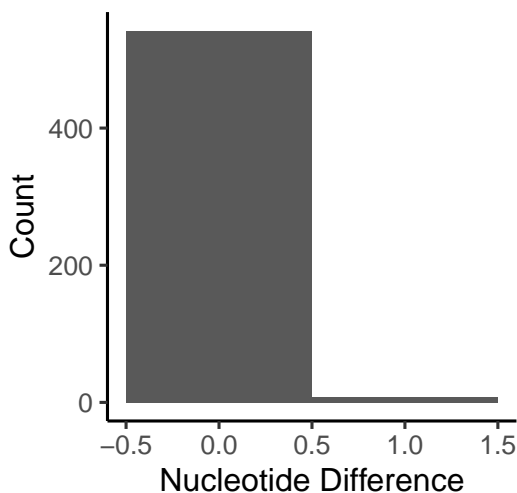
### TRBV30\*ap02

439 sequences assigned  
416 (94.8%) exact matches, in which:  
387 unique CDR3  
13 unique J



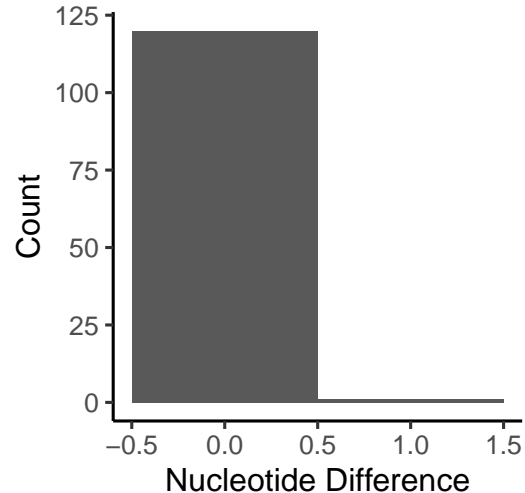
### TRBV11-1\*ap01

550 sequences assigned  
542 (98.5%) exact matches, in which:  
537 unique CDR3  
13 unique J



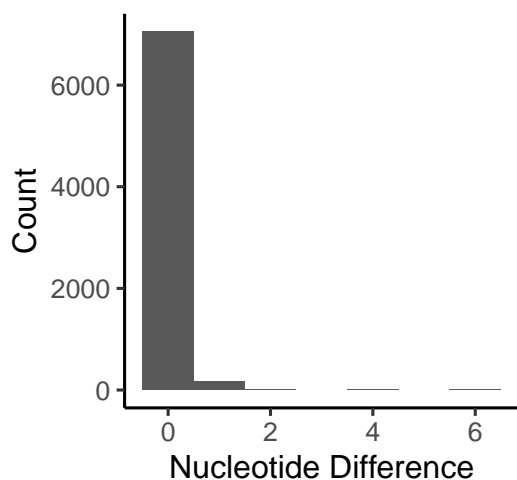
### TRBV12-1\*ap01

121 sequences assigned  
120 (99.2%) exact matches, in which:  
120 unique CDR3  
13 unique J



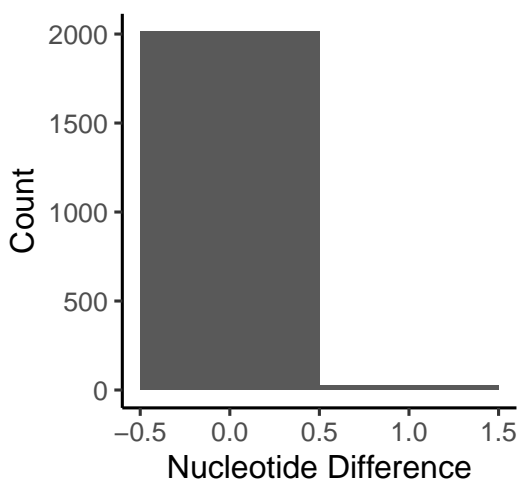
### TRBV9\*ap01

7219 sequences assigned  
7051 (97.7%) exact matches, in which:  
6977 unique CDR3  
13 unique J



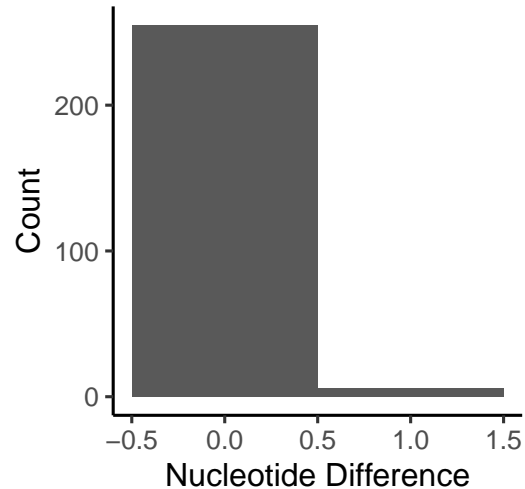
### TRBV11-2\*ap01

2038 sequences assigned  
2013 (98.8%) exact matches, in which:  
1988 unique CDR3  
13 unique J



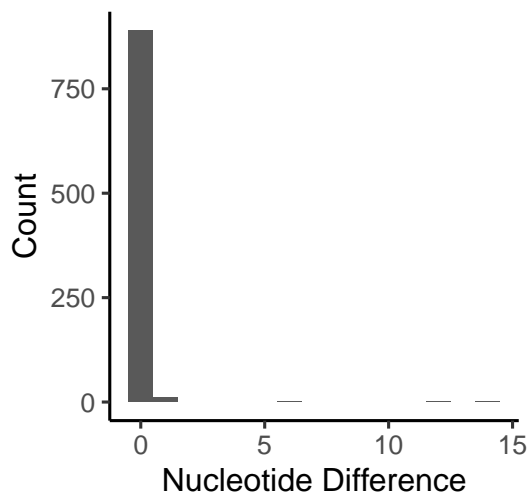
### TRBV12-2\*ap01

261 sequences assigned  
255 (97.7%) exact matches, in which:  
255 unique CDR3  
13 unique J



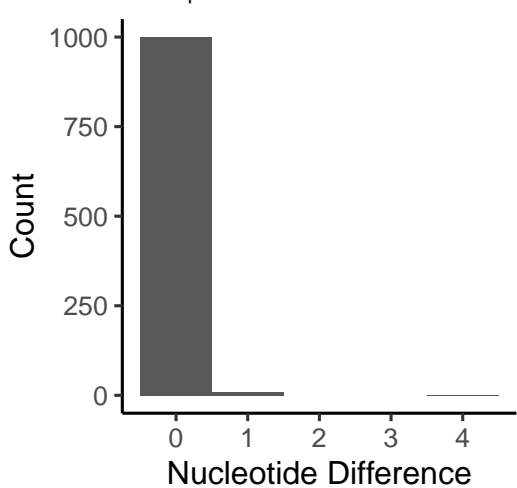
### TRBV21-1\*ap01

903 sequences assigned  
890 (98.6%) exact matches, in which:  
888 unique CDR3  
13 unique J



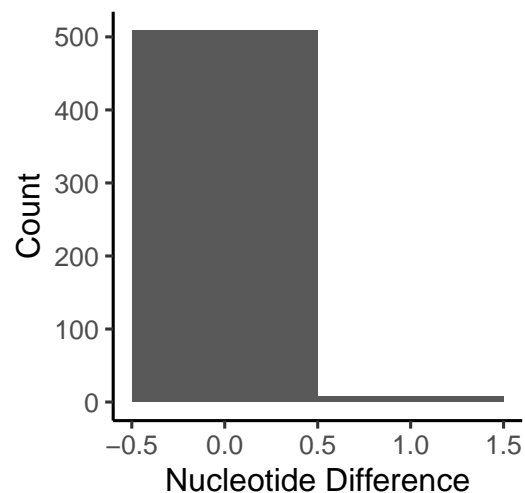
### TRBV11-3\*ap01

1010 sequences assigned  
1000 (99%) exact matches, in which:  
987 unique CDR3  
13 unique J



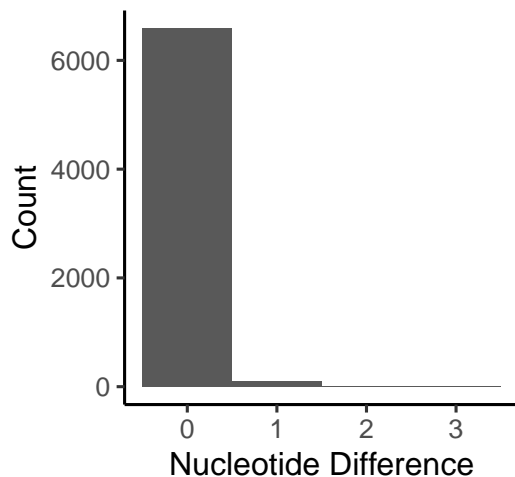
### TRBV12-5\*ap01

516 sequences assigned  
509 (98.6%) exact matches, in which:  
502 unique CDR3  
13 unique J



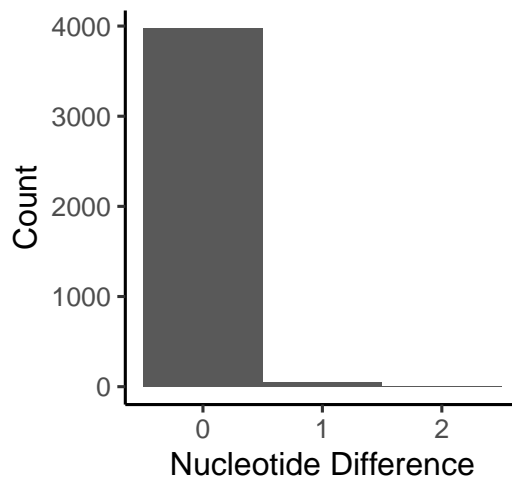
### TRBV12-34\*ap01

6697 sequences assigned  
6588 (98.4%) exact matches, in which:  
6494 unique CDR3  
13 unique J



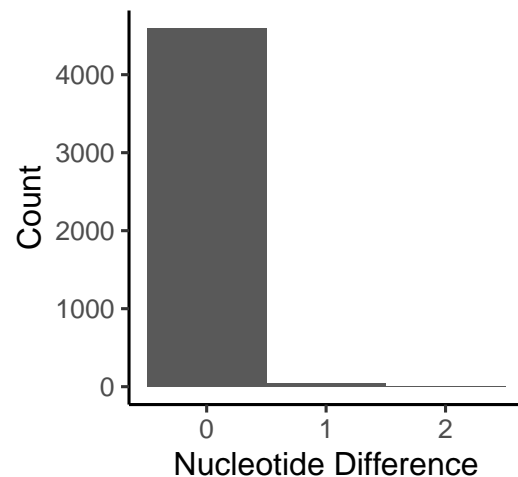
### TRBV4-1\*ap01

4023 sequences assigned  
3974 (98.8%) exact matches, in which:  
3884 unique CDR3  
13 unique J



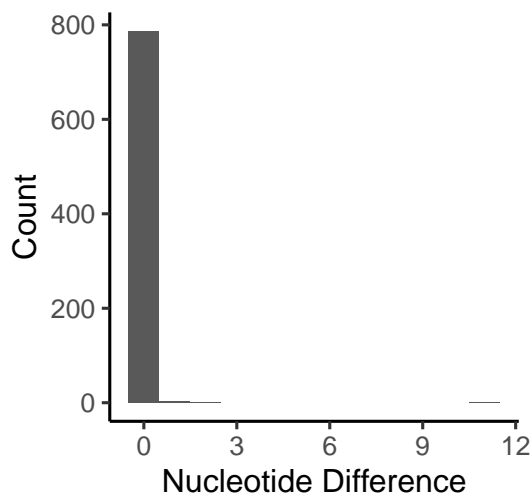
### TRBV4-3\*ap01

4642 sequences assigned  
4593 (98.9%) exact matches, in which:  
4508 unique CDR3  
13 unique J



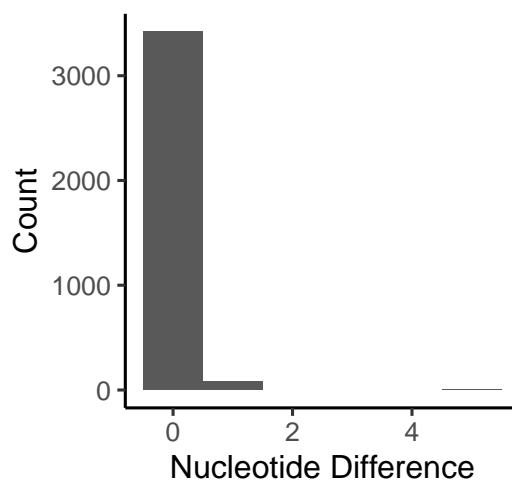
### TRBV23-1\*ap01

794 sequences assigned  
787 (99.1%) exact matches, in which:  
781 unique CDR3  
13 unique J



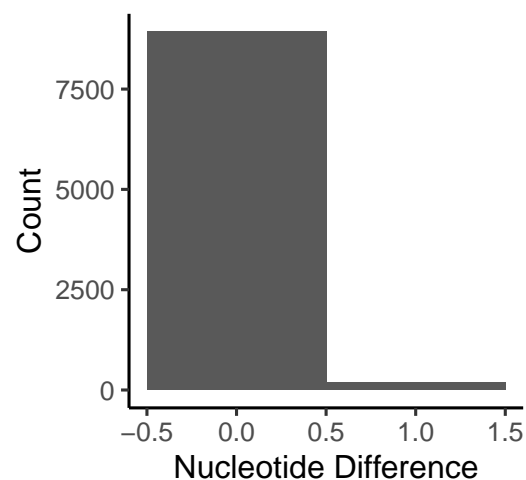
### TRBV24-1\*ap01

3500 sequences assigned  
3420 (97.7%) exact matches, in which:  
3375 unique CDR3  
13 unique J



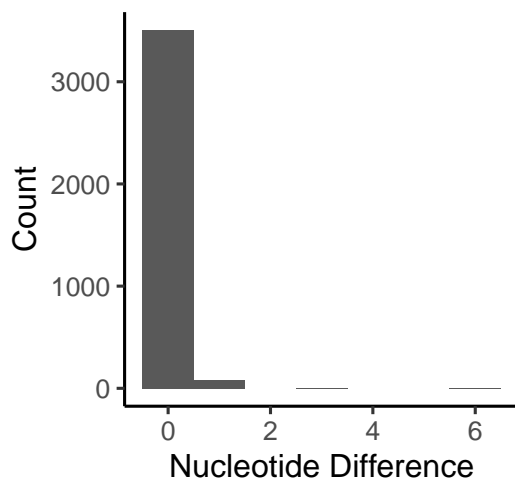
### TRBV5-1\*ap01

9105 sequences assigned  
8930 (98.1%) exact matches, in which:  
8751 unique CDR3  
13 unique J



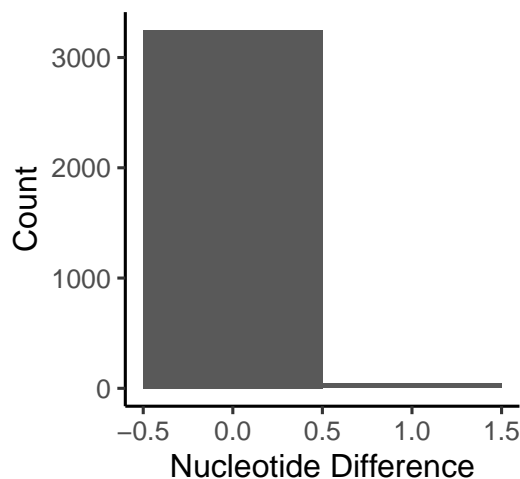
### TRBV3-12\*ap01

3587 sequences assigned  
3506 (97.7%) exact matches, in which:  
3470 unique CDR3  
13 unique J



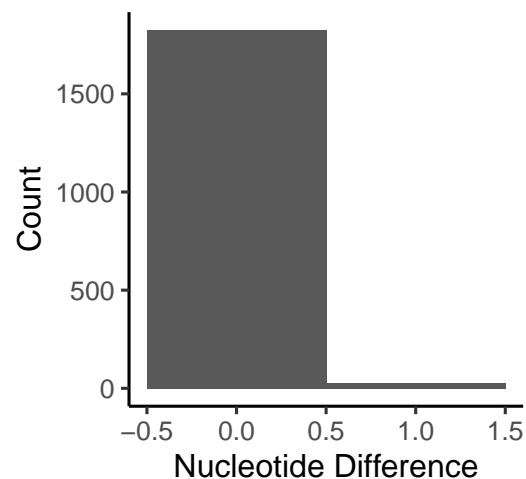
### TRBV4-2\*ap01

3292 sequences assigned  
3249 (98.7%) exact matches, in which:  
3186 unique CDR3  
13 unique J



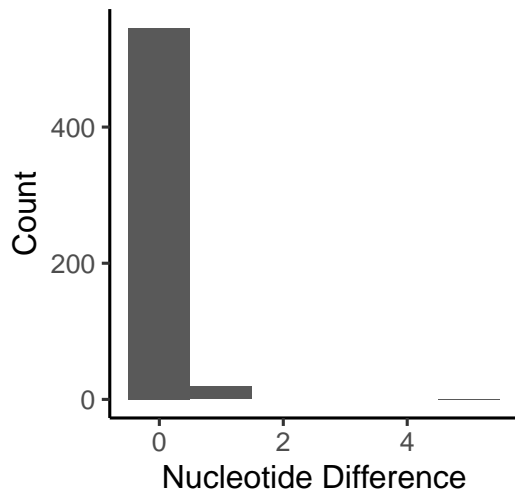
### TRBV25-1\*ap01

1851 sequences assigned  
1825 (98.6%) exact matches, in which:  
1787 unique CDR3  
13 unique J



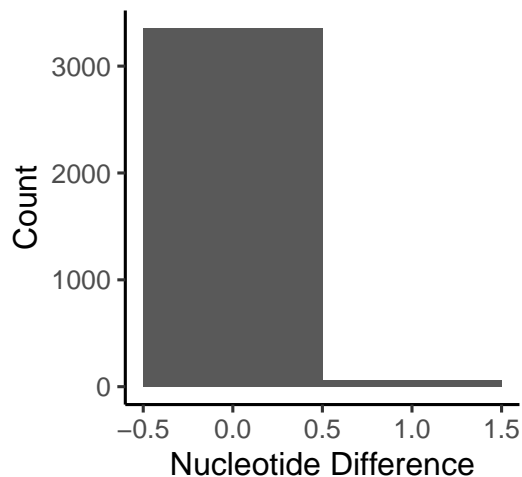
### TRBV5-3\*ap01

566 sequences assigned  
546 (96.5%) exact matches, in which:  
535 unique CDR3  
13 unique J



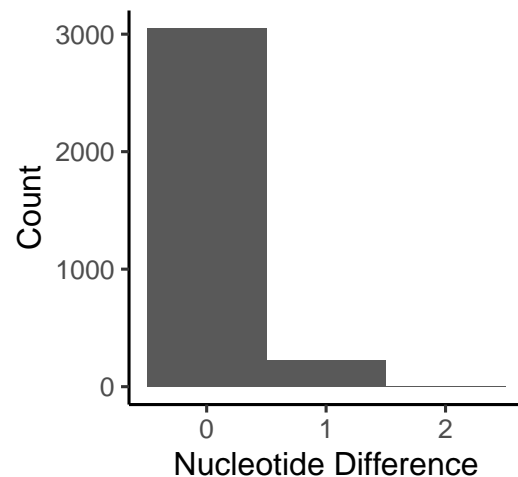
### TRBV5-6\*ap01

3415 sequences assigned  
3353 (98.2%) exact matches, in which:  
3223 unique CDR3  
13 unique J



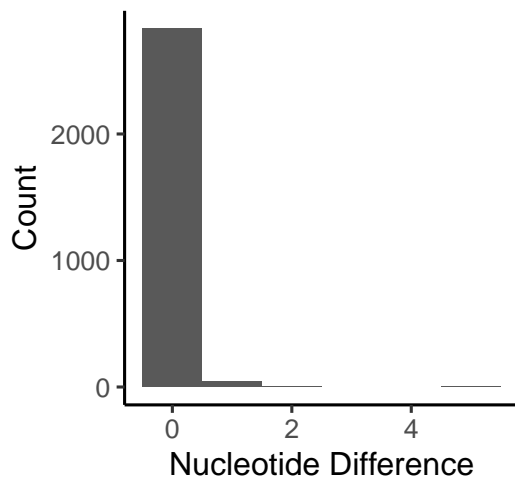
### TRBV6-1\*ap01

3280 sequences assigned  
3049 (93%) exact matches, in which:  
2966 unique CDR3  
13 unique J



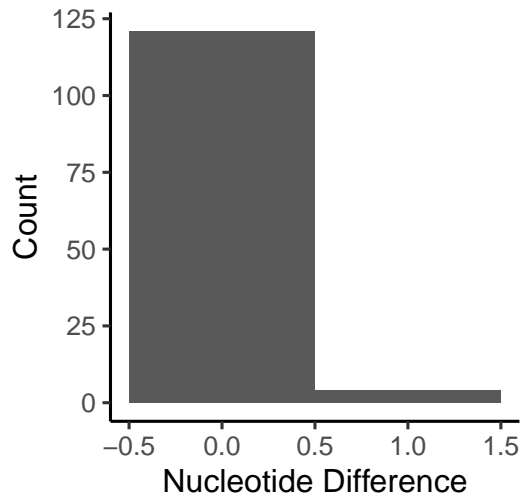
### TRBV5-4\*ap01

2878 sequences assigned  
2832 (98.4%) exact matches, in which:  
2796 unique CDR3  
13 unique J



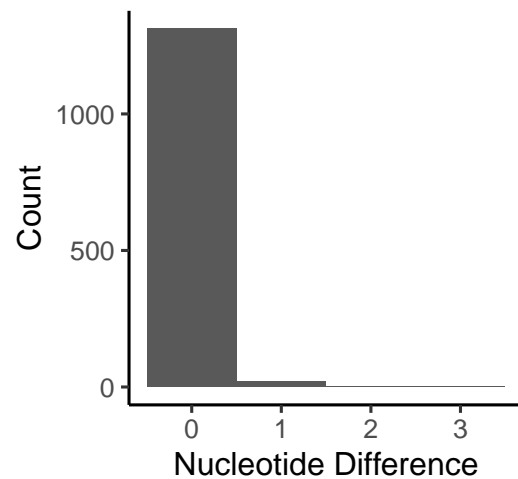
### TRBV5-7\*ap01

125 sequences assigned  
121 (96.8%) exact matches, in which:  
115 unique CDR3  
13 unique J



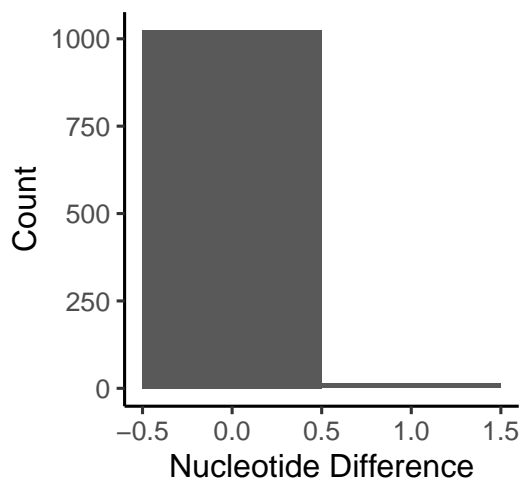
### TRBV6-4\*ap01

1334 sequences assigned  
1312 (98.4%) exact matches, in which:  
1286 unique CDR3  
13 unique J



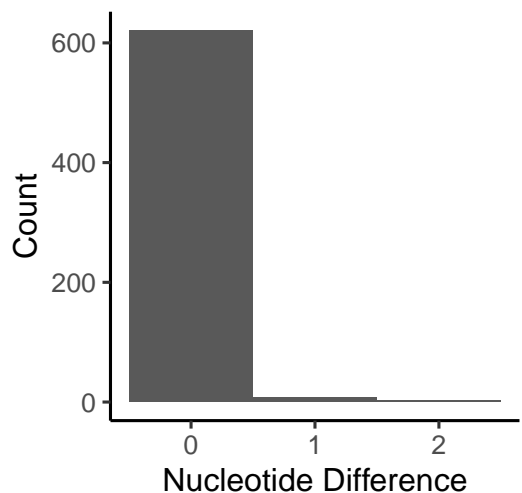
### TRBV5-5\*ap01

1039 sequences assigned  
1025 (98.7%) exact matches, in which:  
1003 unique CDR3  
13 unique J



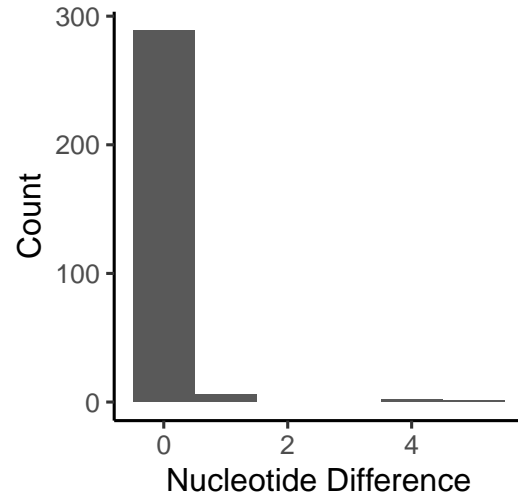
### TRBV5-8\*ap01

632 sequences assigned  
621 (98.3%) exact matches, in which:  
606 unique CDR3  
13 unique J



### TRBV6-7\*ap01

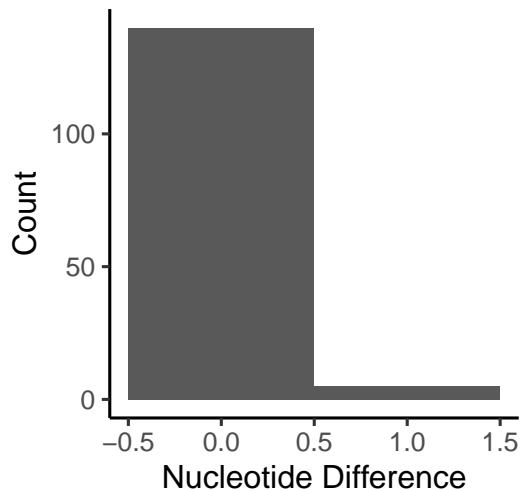
298 sequences assigned  
289 (97%) exact matches, in which:  
284 unique CDR3  
13 unique J





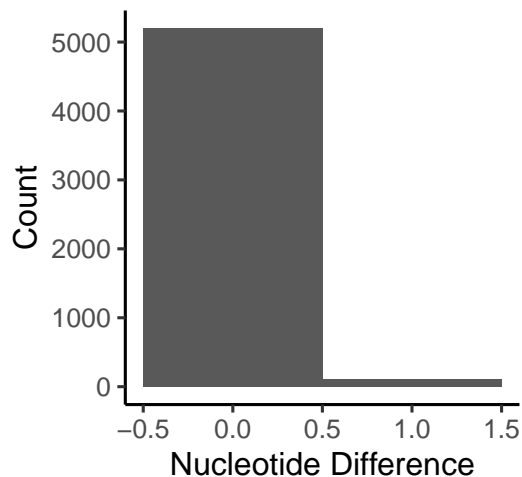
### TRBV6–8\*ap01

145 sequences assigned  
140 (96.6%) exact matches, in which:  
137 unique CDR3  
13 unique J



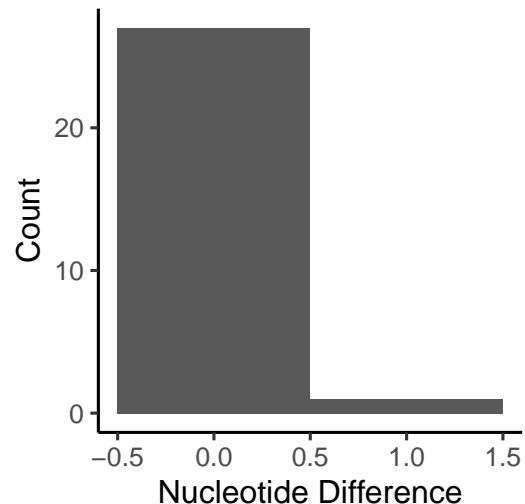
### TRBV6–56\*ap01

5307 sequences assigned  
5198 (97.9%) exact matches, in which:  
5080 unique CDR3  
13 unique J



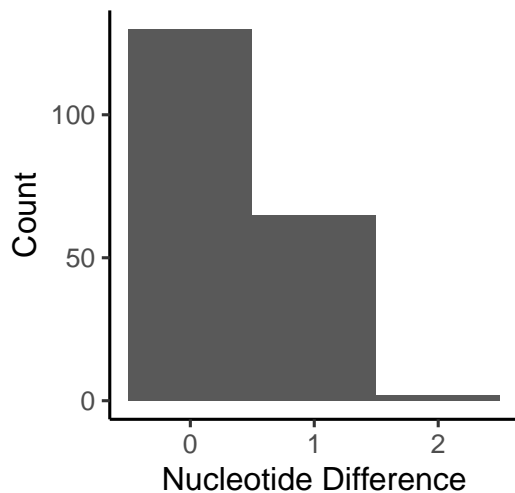
### TRBV7–1\*ap01\_G291C\_T

28 sequences assigned  
27 (96.4%) exact matches, in which:  
27 unique CDR3  
10 unique J



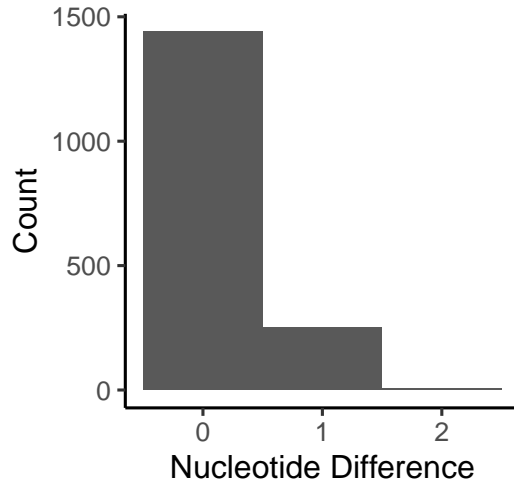
### TRBV6–9\*ap01

197 sequences assigned  
130 (66%) exact matches, in which:  
126 unique CDR3  
13 unique J



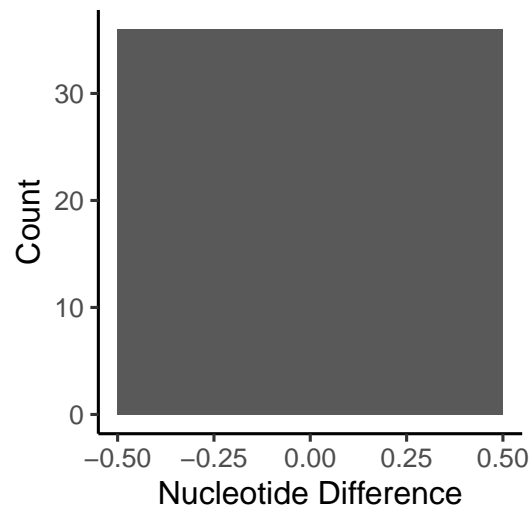
### TRBV6–56\*ap02

1698 sequences assigned  
1440 (84.8%) exact matches, in which:  
1409 unique CDR3  
13 unique J



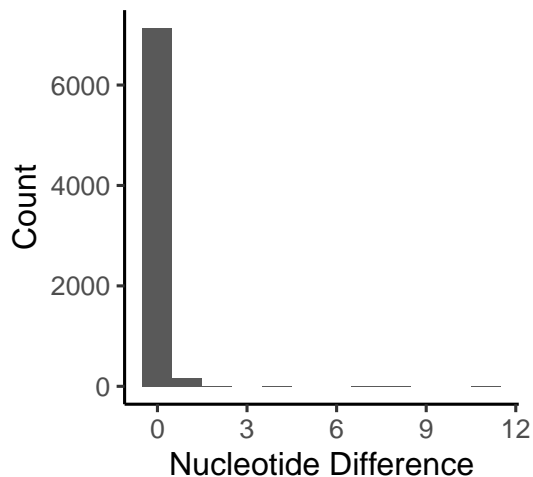
### TRBV7–1\*ap01\_G291C\_T

36 sequences assigned  
36 (100%) exact matches, in which:  
36 unique CDR3  
11 unique J



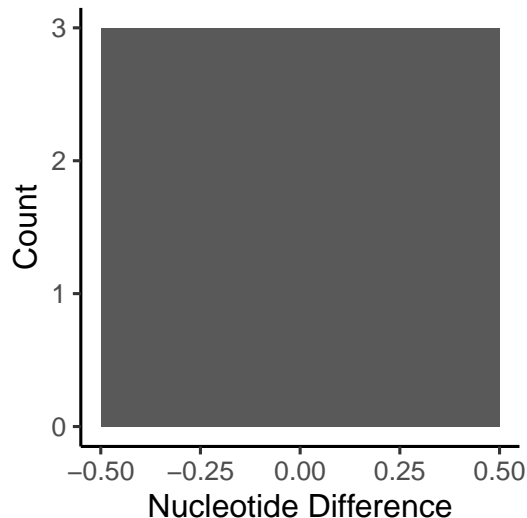
### TRBV6–23\*ap01

7315 sequences assigned  
7135 (97.5%) exact matches, in which:  
6999 unique CDR3  
13 unique J



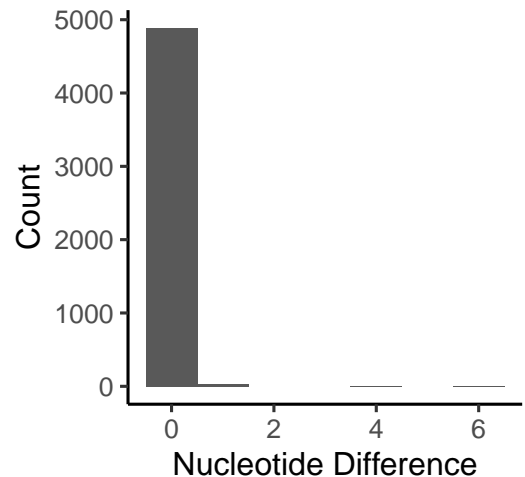
### TRBV7–1\*ap01

3 sequences assigned  
3 (100%) exact matches, in which:  
3 unique CDR3  
3 unique J



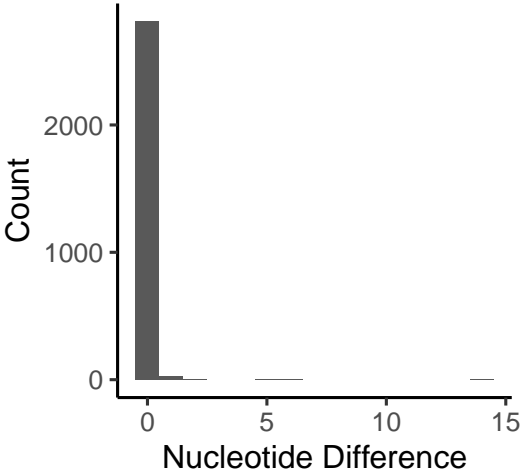
### TRBV7–2\*ap01

4917 sequences assigned  
4886 (99.4%) exact matches, in which:  
4837 unique CDR3  
13 unique J



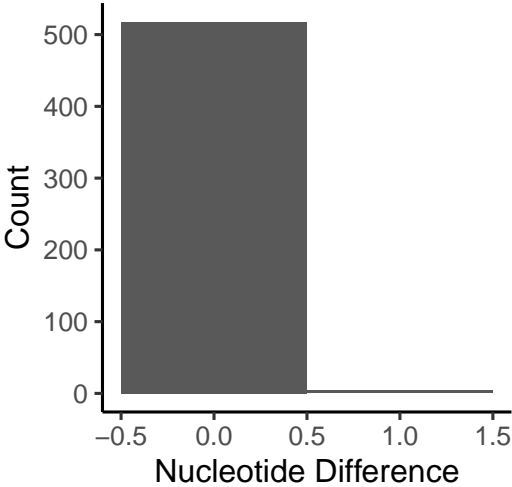
TRBV7-3\*ap01

2845 sequences assigned  
2813 (98.9%) exact matches, in which:  
2774 unique CDR3  
13 unique J



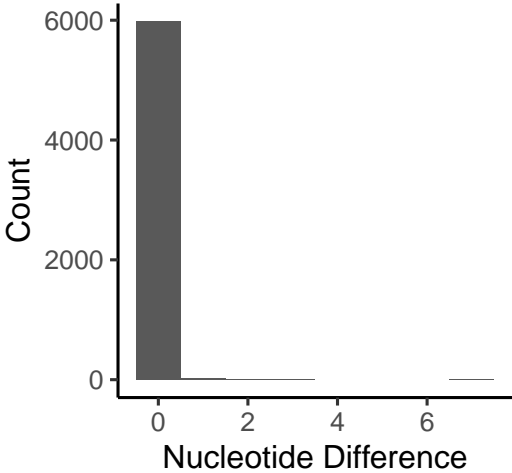
TRBV7-7\*ap01

522 sequences assigned  
518 (99.2%) exact matches, in which:  
506 unique CDR3  
13 unique J



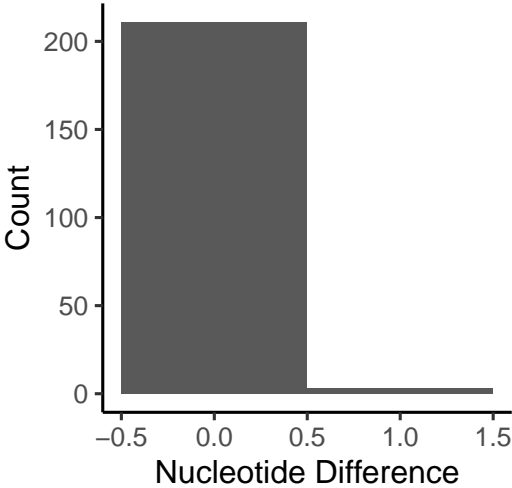
TRBV7-9\*ap01

6009 sequences assigned  
5980 (99.5%) exact matches, in which:  
5914 unique CDR3  
13 unique J



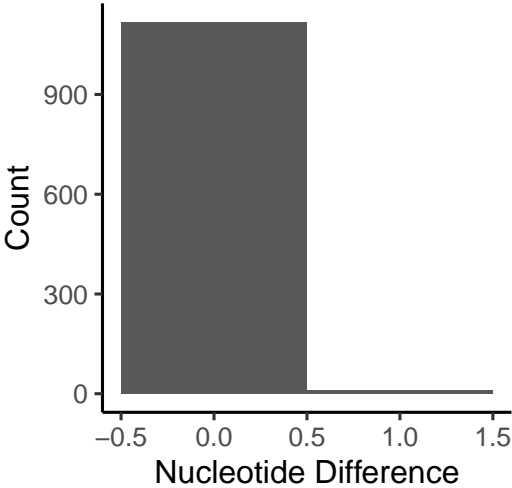
TRBV7-4\*ap01

214 sequences assigned  
211 (98.6%) exact matches, in which:  
211 unique CDR3  
13 unique J



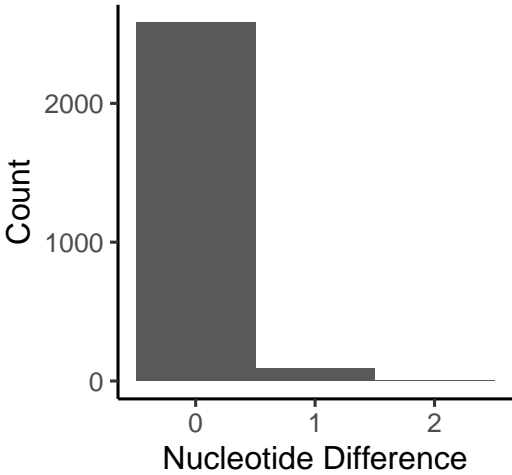
TRBV7-8\*ap01

1129 sequences assigned  
1118 (99%) exact matches, in which:  
1106 unique CDR3  
13 unique J



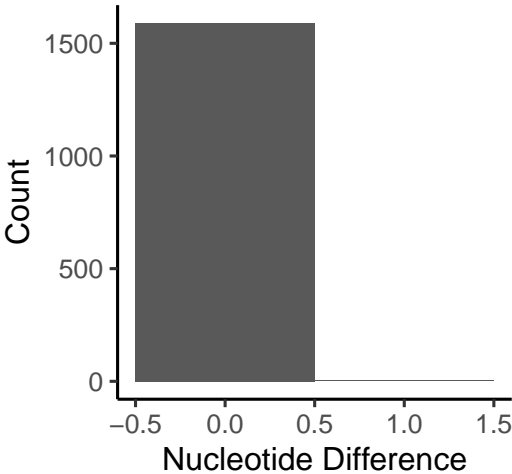
TRBV29-1\*ap01

2670 sequences assigned  
2581 (96.7%) exact matches, in which:  
2460 unique CDR3  
13 unique J



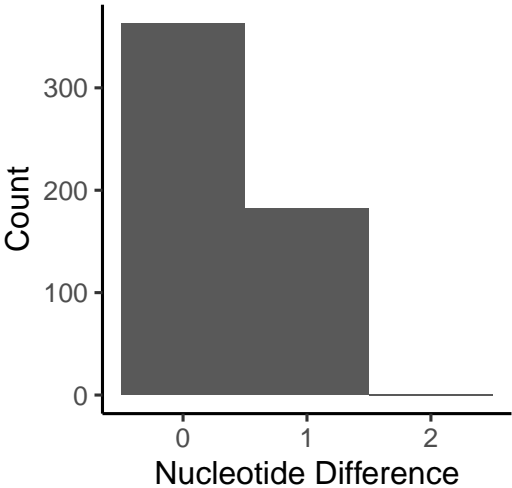
TRBV7-6\*ap01

1594 sequences assigned  
1590 (99.7%) exact matches, in which:  
1561 unique CDR3  
13 unique J



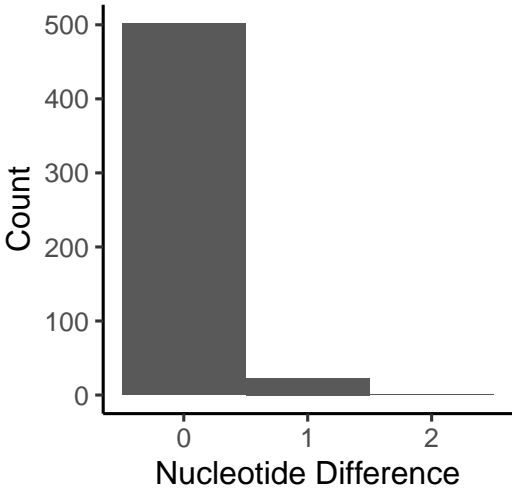
TRBV7-8\*ap03

546 sequences assigned  
363 (66.5%) exact matches, in which:  
358 unique CDR3  
13 unique J

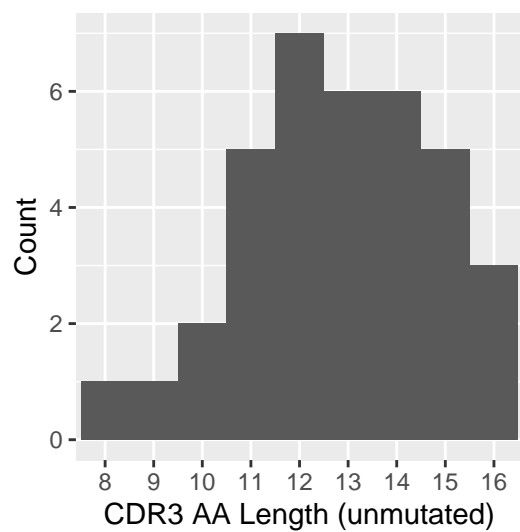


TRBV29-1\*ap02

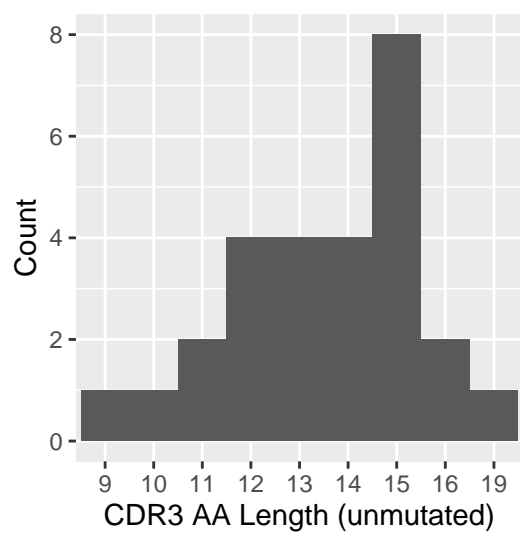
526 sequences assigned  
502 (95.4%) exact matches, in which:  
472 unique CDR3  
13 unique J



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



TRBV7-1\*ap01\_G291C\_T296C





Warning – no inferred sequences found.

Warning – no inferred sequences found.