

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



Gene TRBV7-1\*ap01\_G291C\_T296C



Gene TRBV7-7\*ap01\_C315T



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



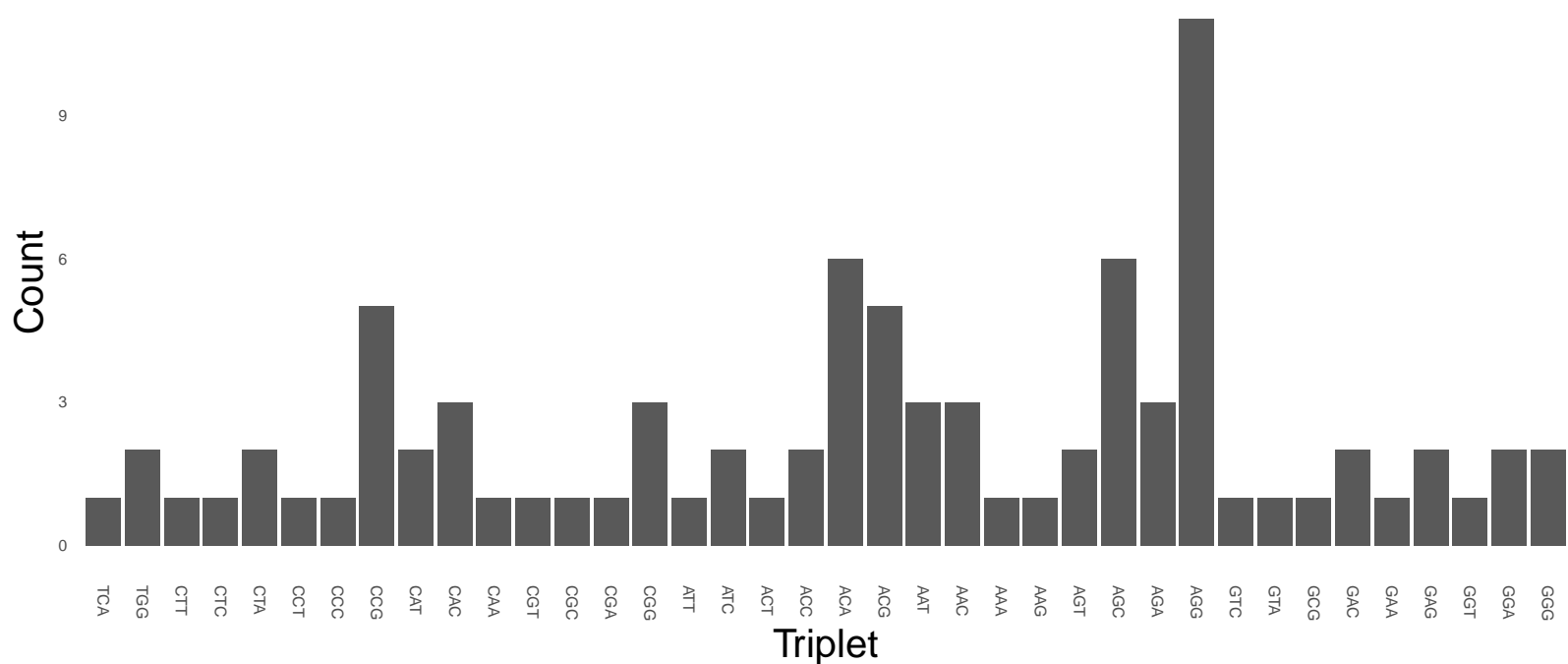
Gene TRBV7-1\*ap01\_G291C\_T296C



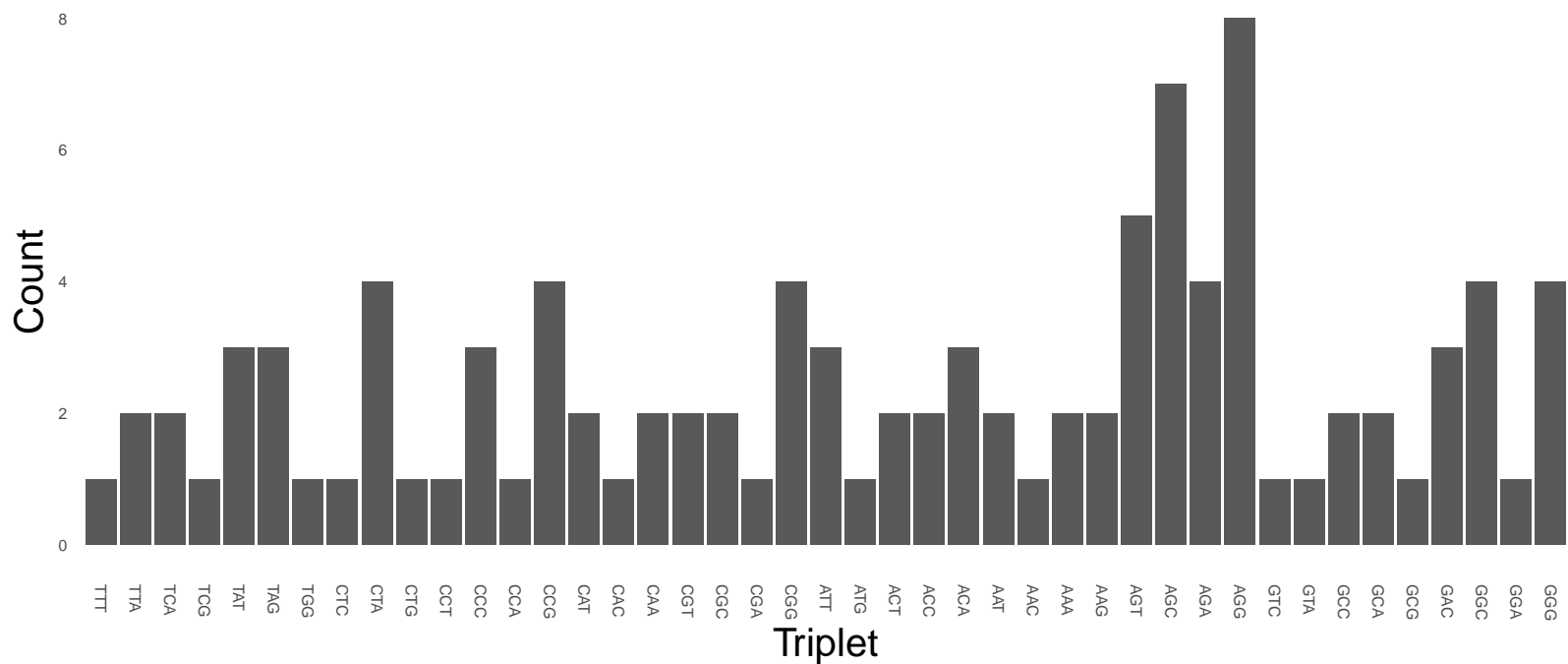
Gene TRBV7-7\*ap01\_C315T



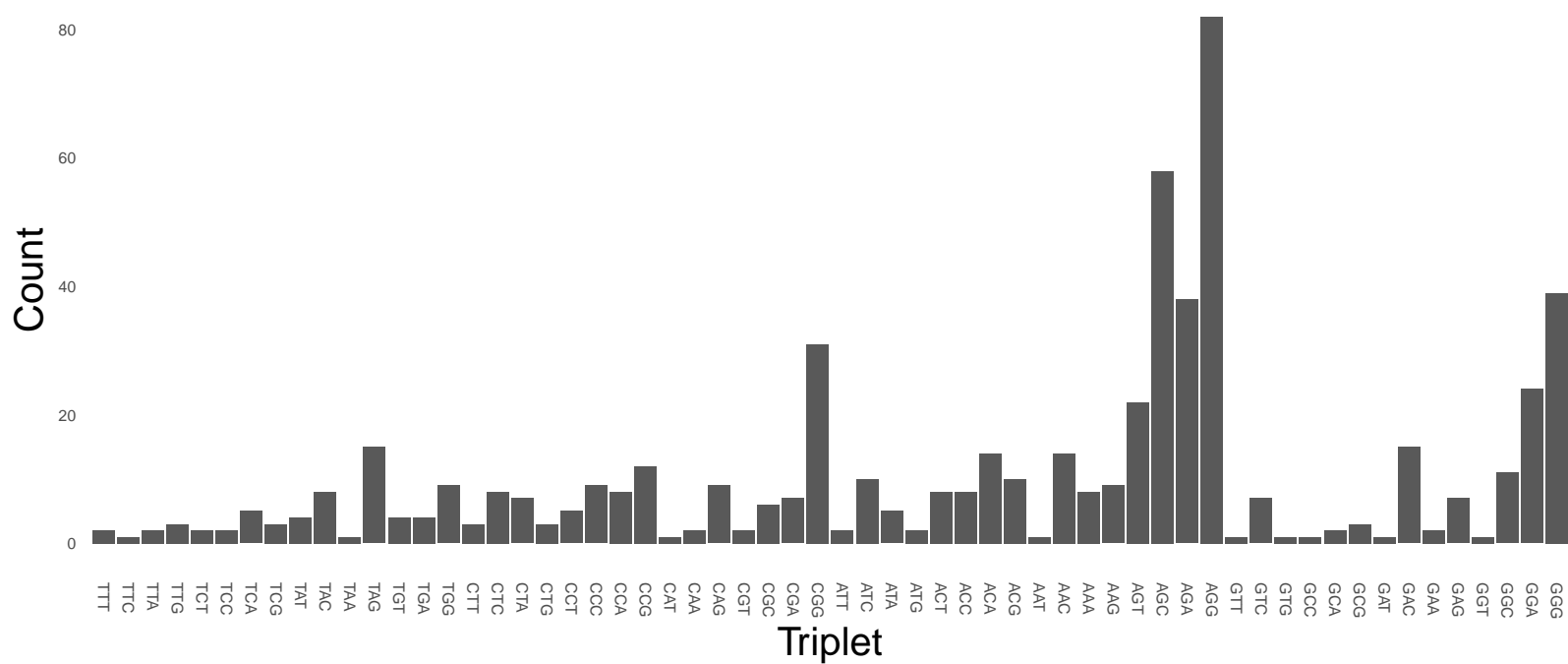
TRBV7-1\*ap01\_G291C\_T296C\_C314T- Final 3 nucleotides as a triplet



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

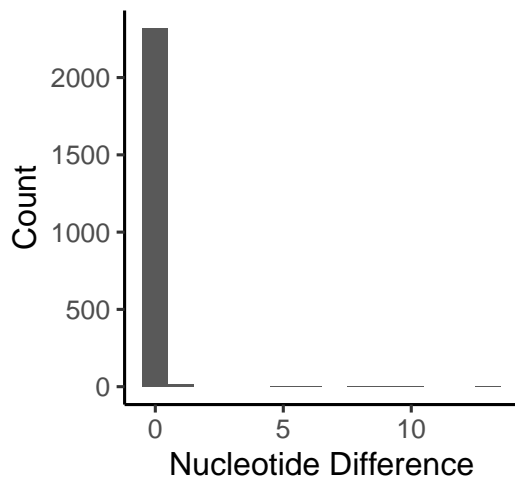


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



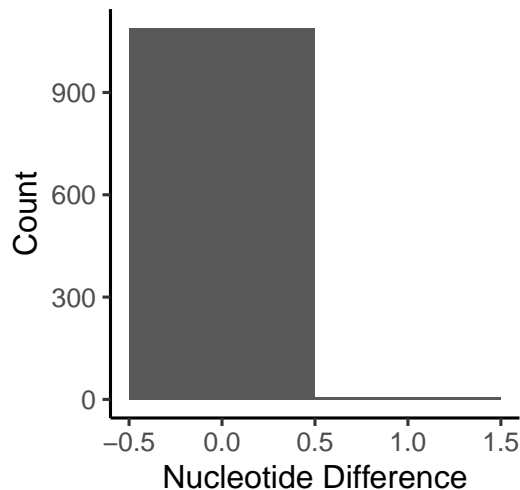
### TRBV10-1\*ap01

2344 sequences assigned  
2318 (98.9%) exact matches, in which:  
2282 unique CDR3  
13 unique J



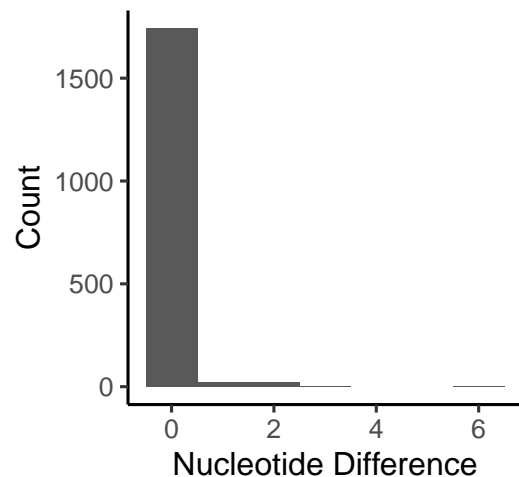
### TRBV10-2\*ap01

1096 sequences assigned  
1090 (99.5%) exact matches, in which:  
1069 unique CDR3  
13 unique J



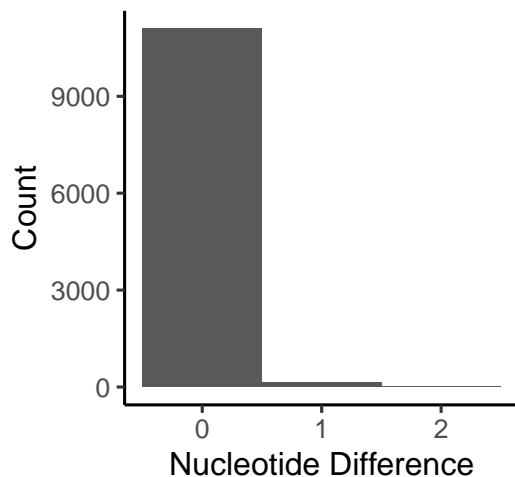
### TRBV13\*ap01

1785 sequences assigned  
1742 (97.6%) exact matches, in which:  
1695 unique CDR3  
13 unique J



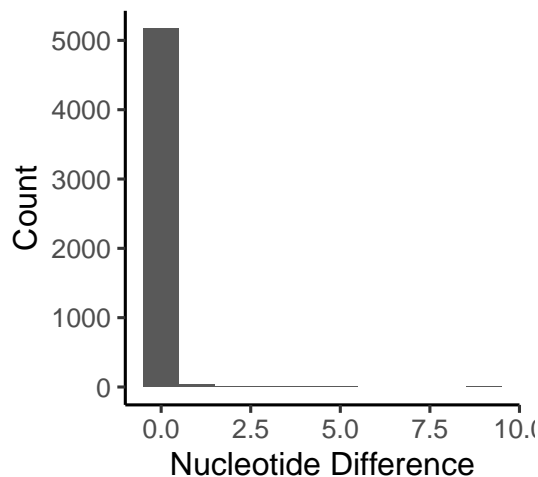
### TRBV20-1\*ap01

11229 sequences assigned  
11092 (98.8%) exact matches, in which:  
10848 unique CDR3  
13 unique J



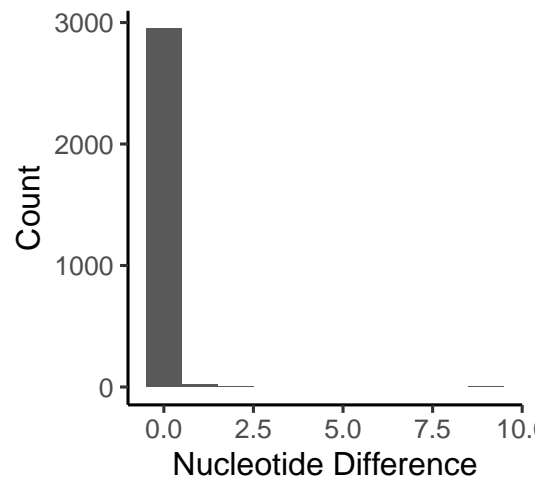
### TRBV10-3\*ap01

5211 sequences assigned  
5168 (99.2%) exact matches, in which:  
5086 unique CDR3  
13 unique J



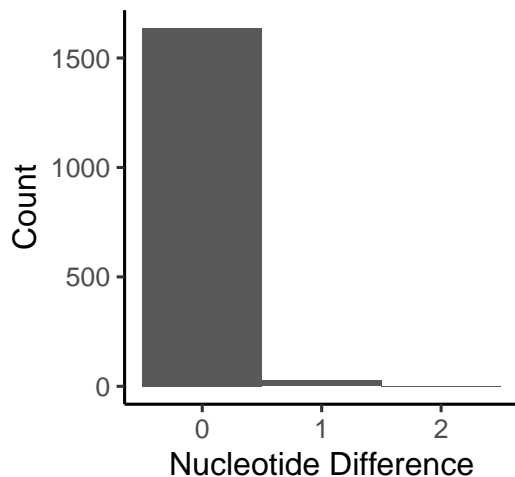
### TRBV14\*ap01

2968 sequences assigned  
2949 (99.4%) exact matches, in which:  
2908 unique CDR3  
13 unique J



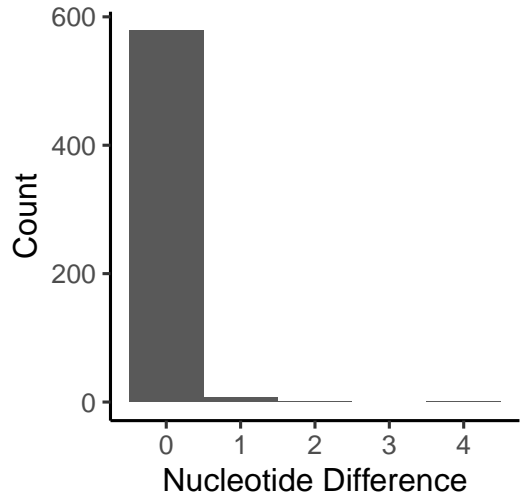
### TRBV20-1\*ap02

1664 sequences assigned  
1637 (98.4%) exact matches, in which:  
1590 unique CDR3  
13 unique J



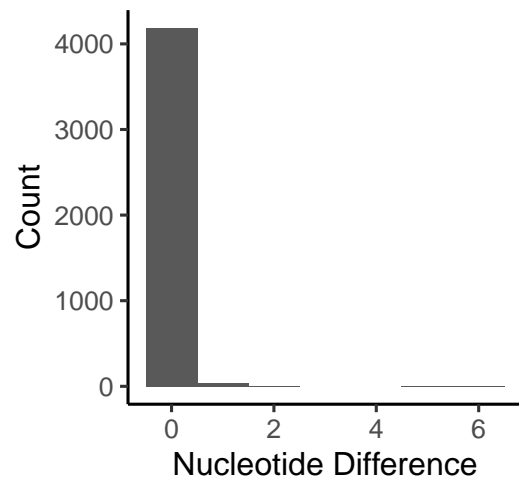
### TRBV1\*ap01

588 sequences assigned  
579 (98.5%) exact matches, in which:  
564 unique CDR3  
13 unique J



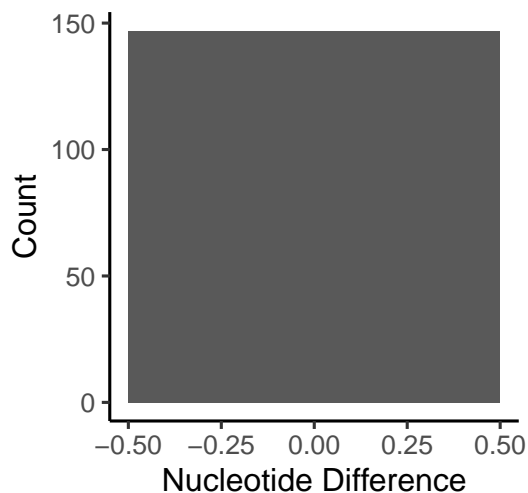
### TRBV15\*ap02

4225 sequences assigned  
4185 (99.1%) exact matches, in which:  
4111 unique CDR3  
13 unique J



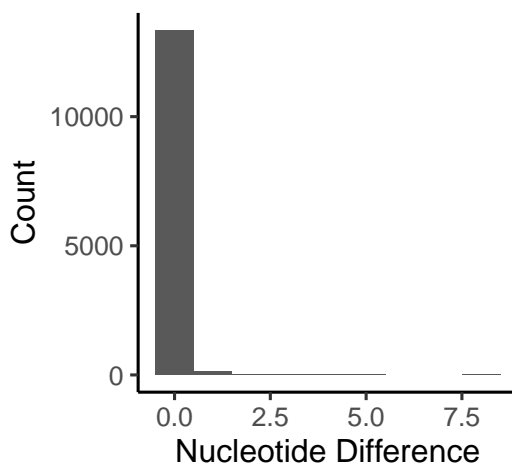
### TRBV16\*ap01

147 sequences assigned  
147 (100%) exact matches, in which:  
146 unique CDR3  
13 unique J



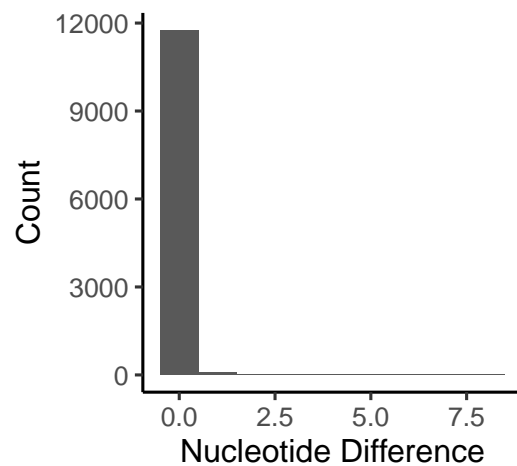
### TRBV19\*ap01

13500 sequences assigned  
13349 (98.9%) exact matches, in which:  
13183 unique CDR3  
13 unique J



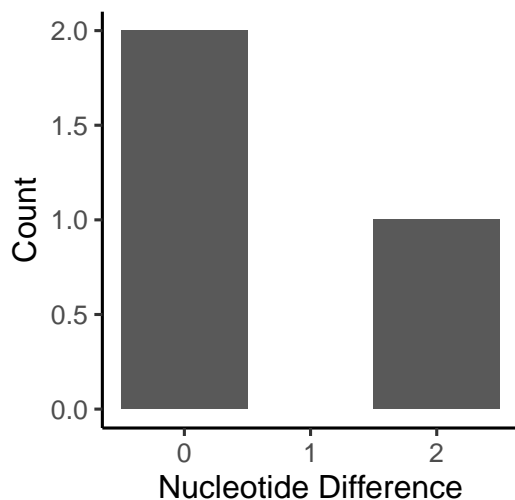
### TRBV27\*ap01

11872 sequences assigned  
11758 (99%) exact matches, in which:  
11617 unique CDR3  
13 unique J



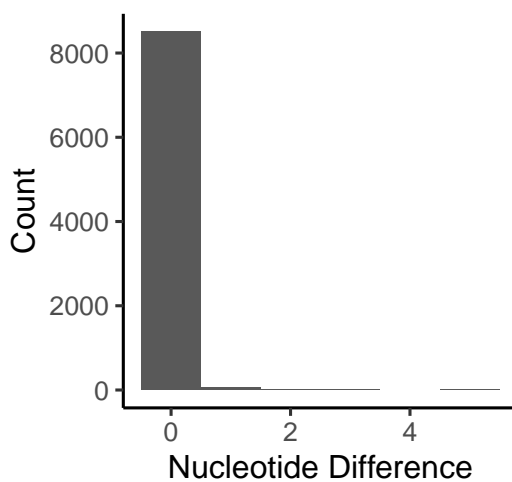
### TRBV17\*ap01

3 sequences assigned  
2 (66.7%) exact matches, in which:  
2 unique CDR3  
2 unique J



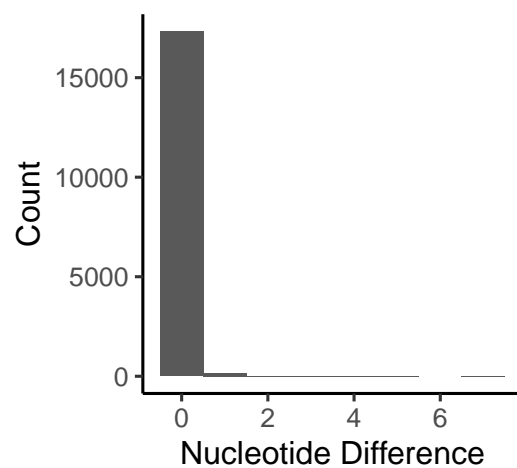
### TRBV2\*ap01

8580 sequences assigned  
8506 (99.1%) exact matches, in which:  
8397 unique CDR3  
13 unique J



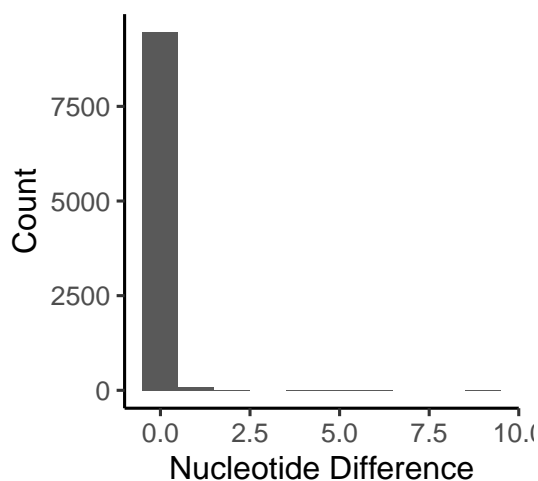
### TRBV28\*ap01

17482 sequences assigned  
17321 (99.1%) exact matches, in which:  
17062 unique CDR3  
13 unique J



### TRBV18\*ap01

9562 sequences assigned  
9463 (99%) exact matches, in which:  
9257 unique CDR3  
13 unique J



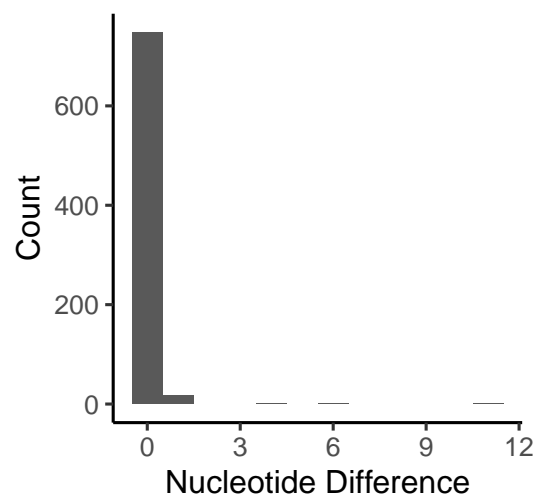
### TRBV26\*ap01

1 sequences assigned  
No exact matches.



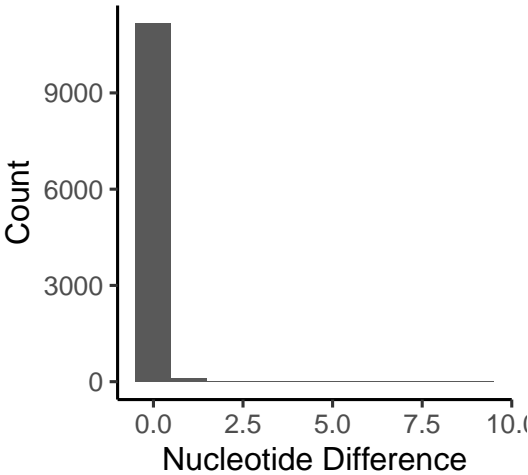
### TRBV30\*ap02

768 sequences assigned  
748 (97.4%) exact matches, in which:  
732 unique CDR3  
13 unique J



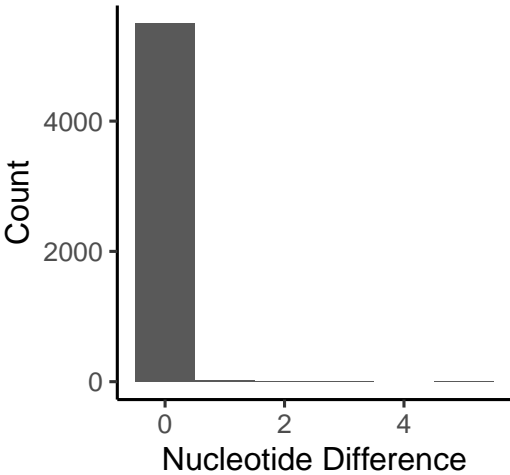
TRBV9\*ap01

11297 sequences assigned  
11166 (98.8%) exact matches, in which:  
10967 unique CDR3  
14 unique J



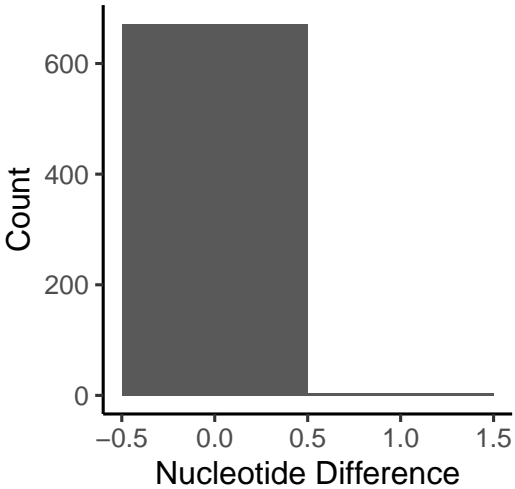
TRBV11-2\*ap01

5525 sequences assigned  
5500 (99.5%) exact matches, in which:  
5422 unique CDR3  
13 unique J



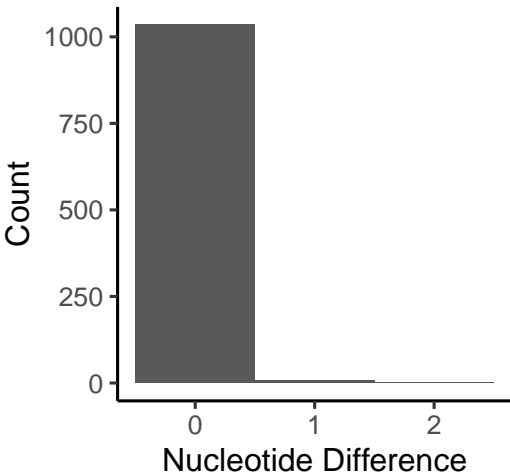
TRBV12-2\*ap01

676 sequences assigned  
672 (99.4%) exact matches, in which:  
662 unique CDR3  
13 unique J



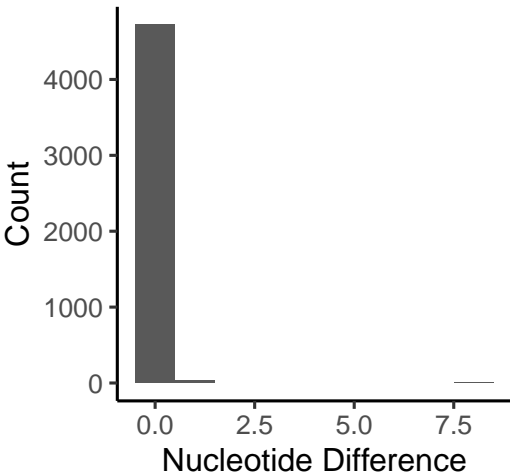
TRBV11-1\*ap01

1044 sequences assigned  
1035 (99.1%) exact matches, in which:  
1021 unique CDR3  
13 unique J



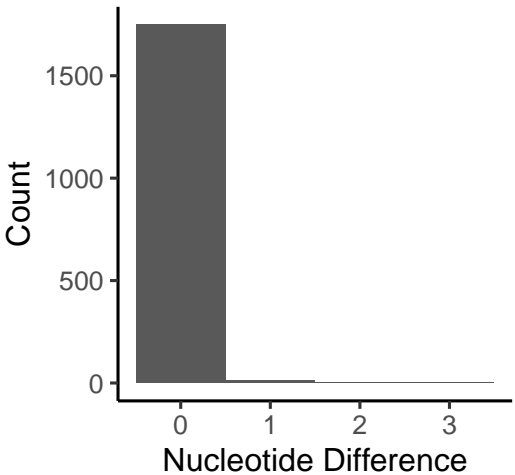
TRBV11-3\*ap01

4749 sequences assigned  
4721 (99.4%) exact matches, in which:  
4653 unique CDR3  
13 unique J



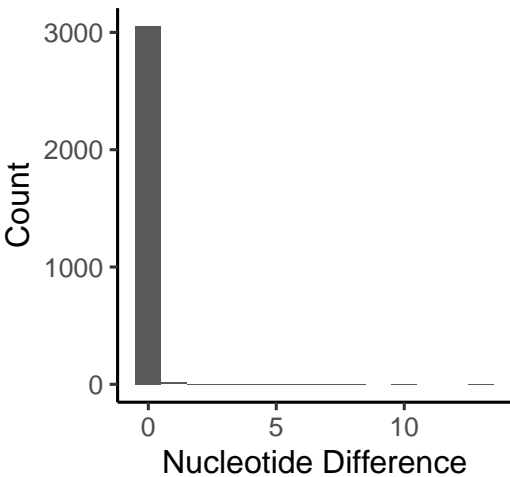
TRBV12-5\*ap01

1764 sequences assigned  
1749 (99.1%) exact matches, in which:  
1730 unique CDR3  
13 unique J



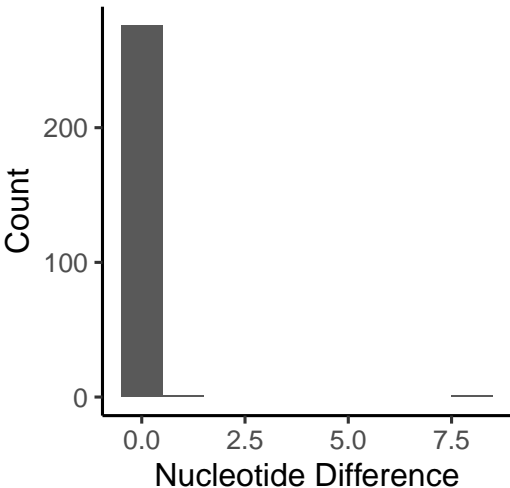
TRBV21-1\*ap01

3095 sequences assigned  
3054 (98.7%) exact matches, in which:  
3044 unique CDR3  
14 unique J



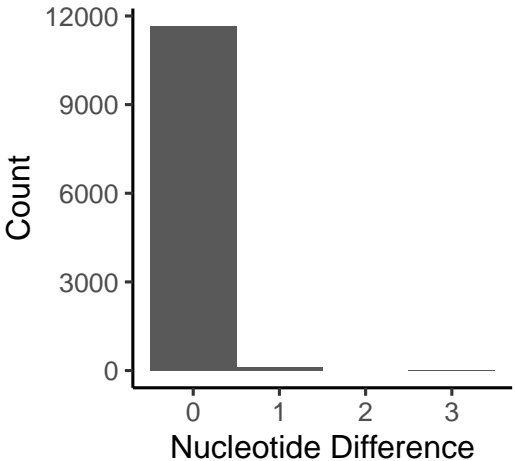
TRBV12-1\*ap01

278 sequences assigned  
276 (99.3%) exact matches, in which:  
271 unique CDR3  
13 unique J



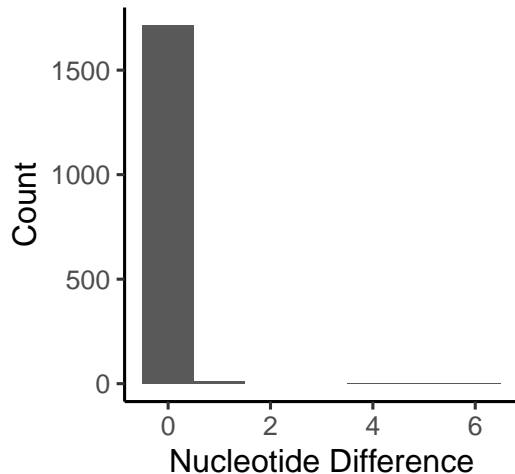
TRBV12-34\*ap01

11772 sequences assigned  
11668 (99.1%) exact matches, in which:  
11497 unique CDR3  
13 unique J



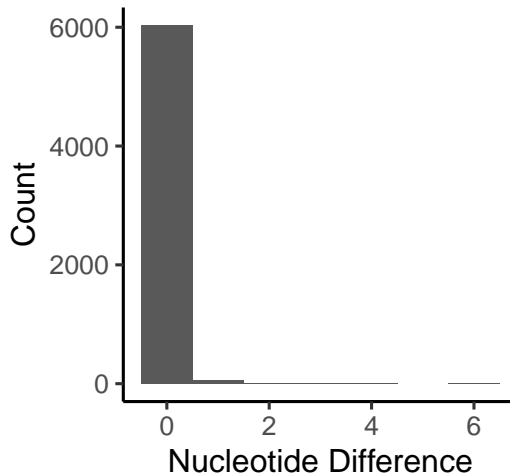
### TRBV23-1\*ap01

1732 sequences assigned  
1714 (99%) exact matches, in which:  
1689 unique CDR3  
13 unique J



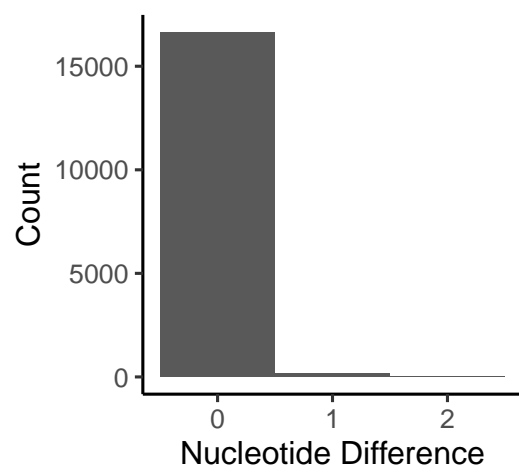
### TRBV24-1\*ap01

6108 sequences assigned  
6031 (98.7%) exact matches, in which:  
5944 unique CDR3  
13 unique J



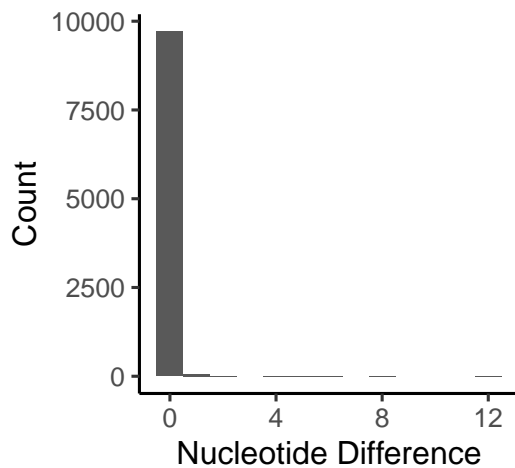
### TRBV5-1\*ap01

16814 sequences assigned  
16646 (99%) exact matches, in which:  
16277 unique CDR3  
13 unique J



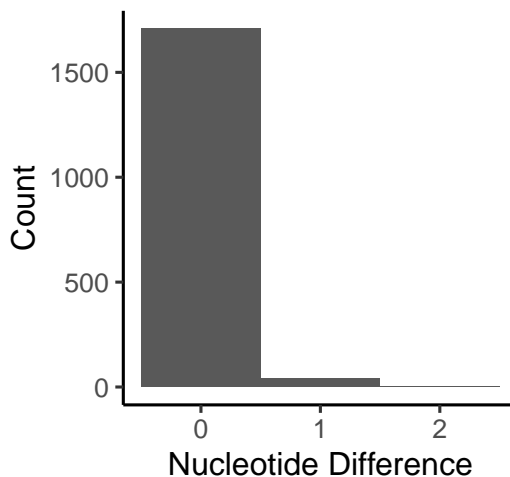
### TRBV3-12\*ap01

9784 sequences assigned  
9711 (99.3%) exact matches, in which:  
9589 unique CDR3  
13 unique J



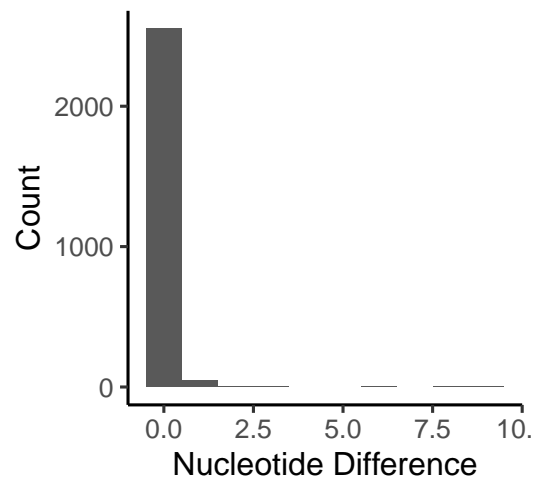
### TRBV4-2\*ap01

1749 sequences assigned  
1708 (97.7%) exact matches, in which:  
1659 unique CDR3  
13 unique J



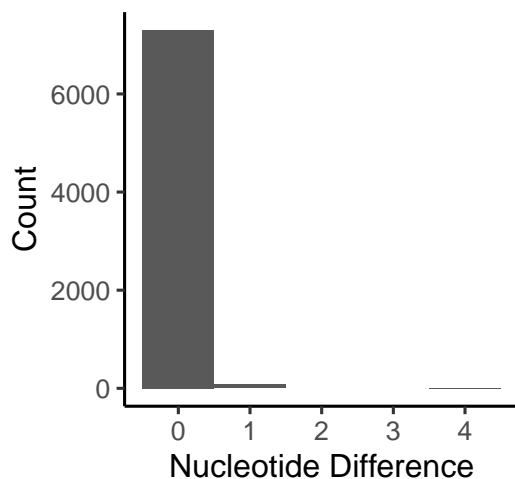
### TRBV25-1\*ap01

2602 sequences assigned  
2552 (98.1%) exact matches, in which:  
2483 unique CDR3  
13 unique J



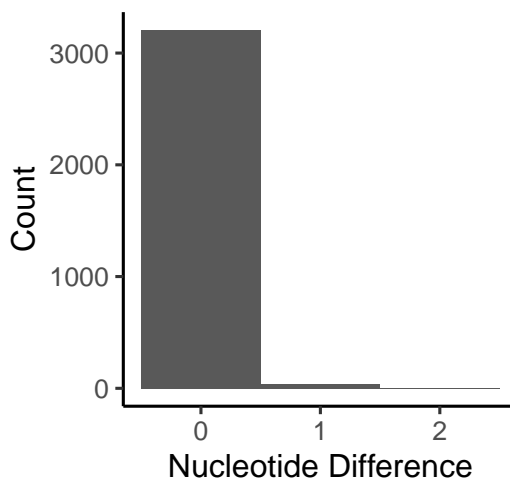
### TRBV4-1\*ap01

7384 sequences assigned  
7302 (98.9%) exact matches, in which:  
7147 unique CDR3  
13 unique J



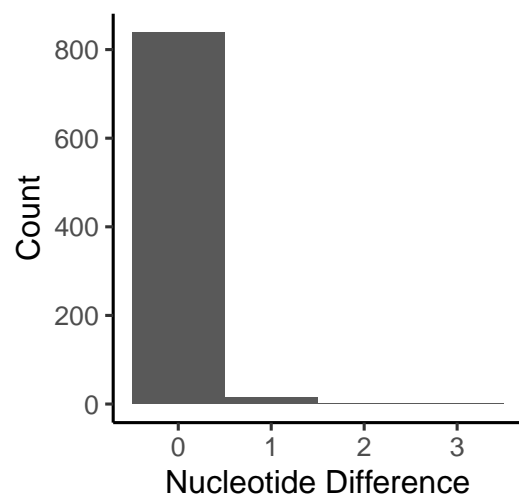
### TRBV4-3\*ap01

3246 sequences assigned  
3206 (98.8%) exact matches, in which:  
3128 unique CDR3  
13 unique J



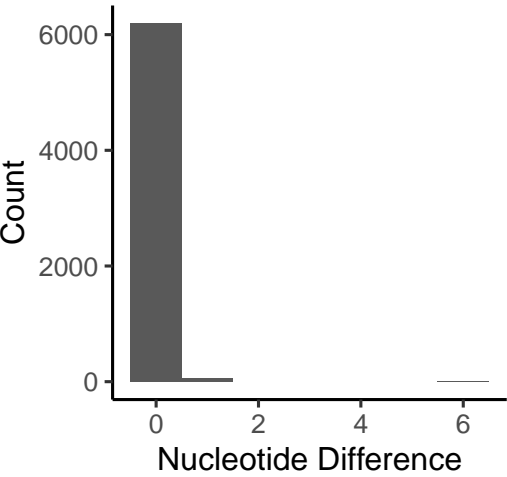
### TRBV5-3\*ap01

857 sequences assigned  
839 (97.9%) exact matches, in which:  
830 unique CDR3  
13 unique J



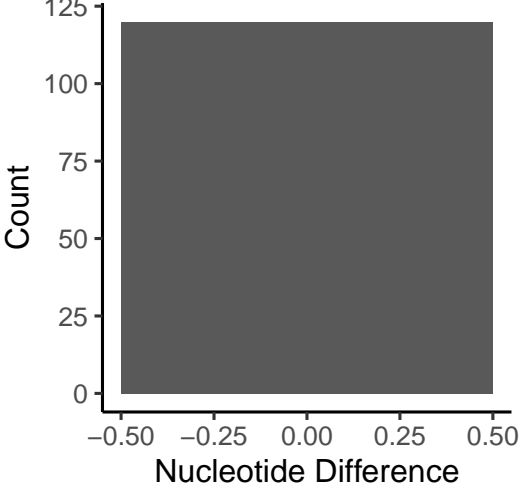
TRBV5-4\*ap01

6251 sequences assigned  
6194 (99.1%) exact matches, in which:  
6099 unique CDR3  
13 unique J



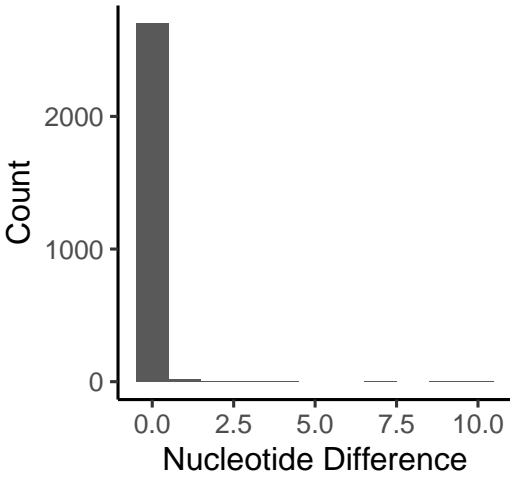
TRBV5-7\*ap01

120 sequences assigned  
120 (100%) exact matches, in which:  
116 unique CDR3  
13 unique J



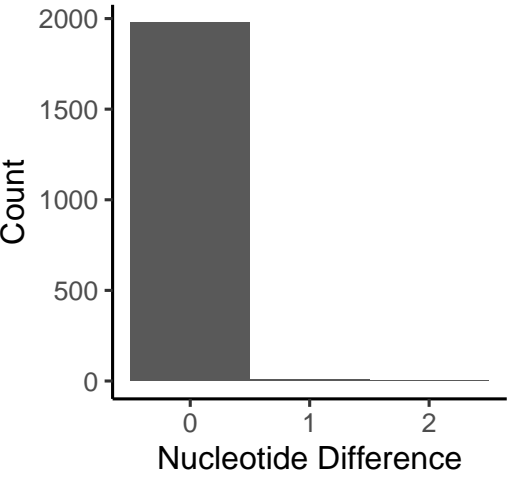
TRBV6-4\*ap01

2736 sequences assigned  
2701 (98.7%) exact matches, in which:  
2671 unique CDR3  
13 unique J



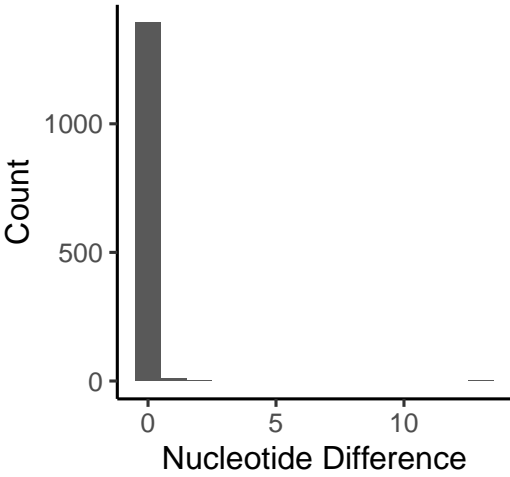
TRBV5-5\*ap01

1989 sequences assigned  
1977 (99.4%) exact matches, in which:  
1950 unique CDR3  
13 unique J



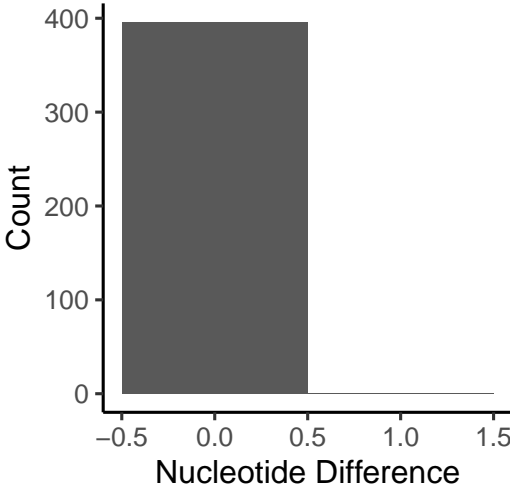
TRBV5-8\*ap01

1405 sequences assigned  
1393 (99.1%) exact matches, in which:  
1373 unique CDR3  
13 unique J



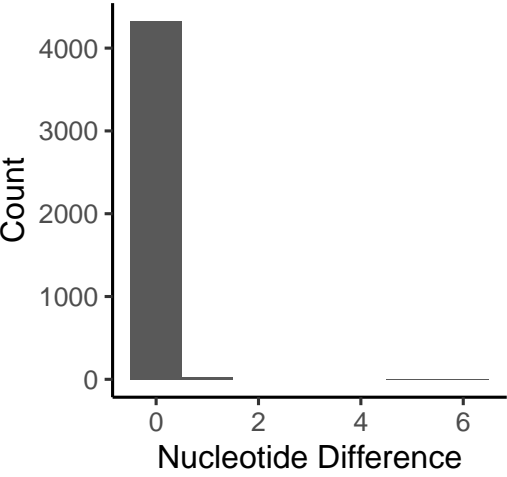
TRBV6-7\*ap01

397 sequences assigned  
396 (99.7%) exact matches, in which:  
389 unique CDR3  
13 unique J



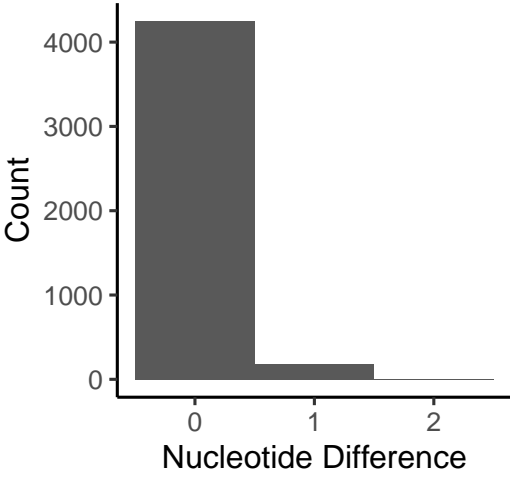
TRBV5-6\*ap01

4358 sequences assigned  
4327 (99.3%) exact matches, in which:  
4222 unique CDR3  
13 unique J



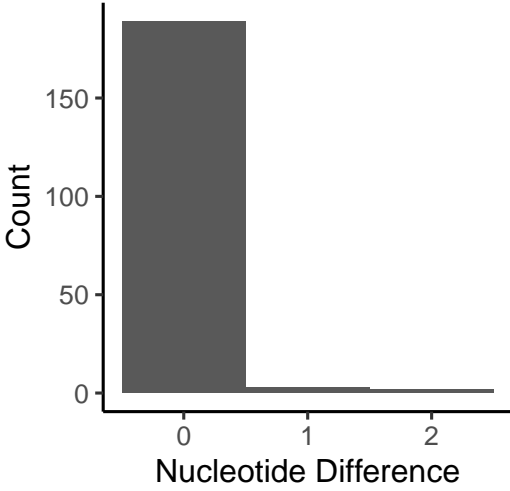
TRBV6-1\*ap01

4432 sequences assigned  
4250 (95.9%) exact matches, in which:  
4162 unique CDR3  
13 unique J



TRBV6-8\*ap01

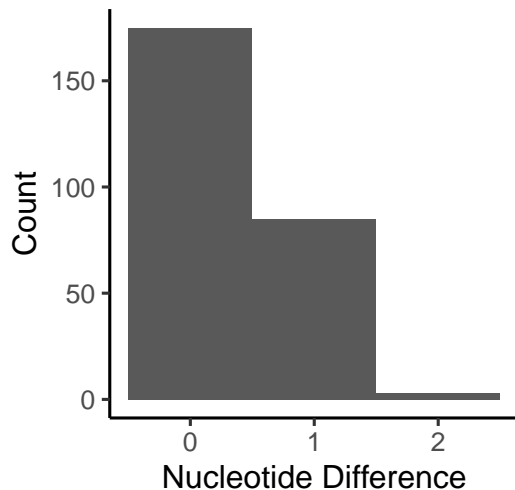
194 sequences assigned  
189 (97.4%) exact matches, in which:  
181 unique CDR3  
13 unique J





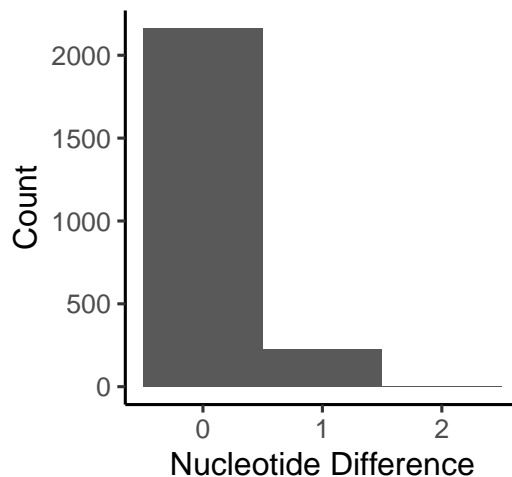
### TRBV6-9\*ap01

263 sequences assigned  
175 (66.5%) exact matches, in which:  
168 unique CDR3  
13 unique J



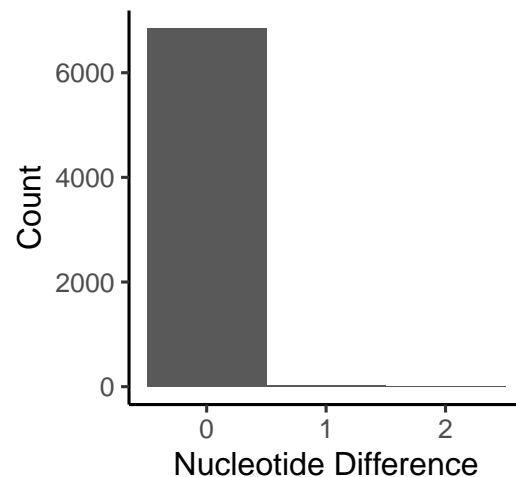
### TRBV6-56\*ap02

2392 sequences assigned  
2162 (90.4%) exact matches, in which:  
2098 unique CDR3  
13 unique J



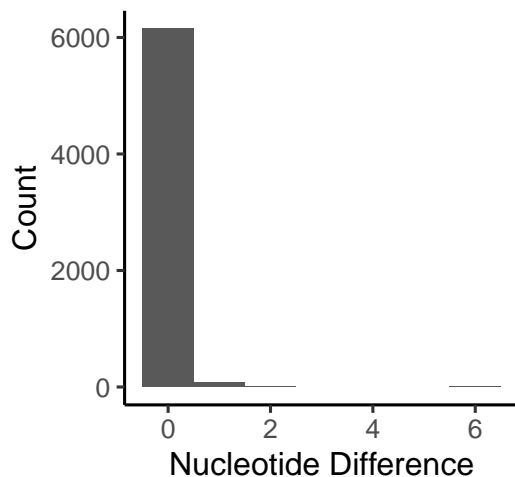
### TRBV7-2\*ap01

6879 sequences assigned  
6847 (99.5%) exact matches, in which:  
6772 unique CDR3  
13 unique J



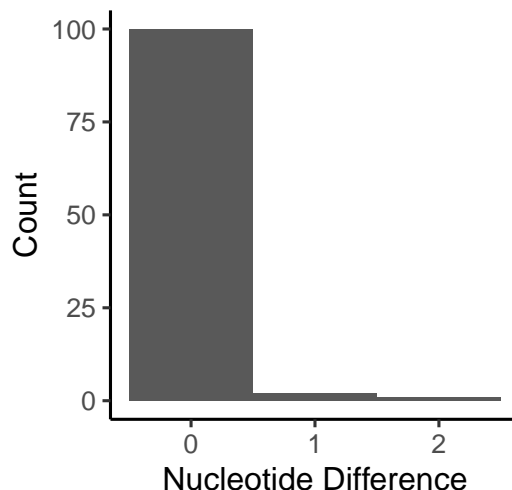
### TRBV6-23\*ap01

6232 sequences assigned  
6150 (98.7%) exact matches, in which:  
6001 unique CDR3  
13 unique J



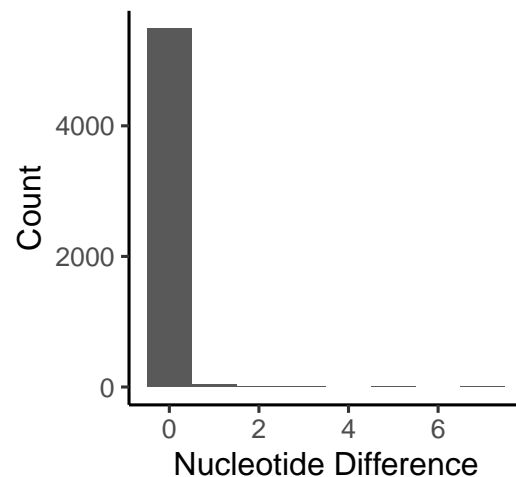
### TRBV7-1\*ap01\_G291C\_

103 sequences assigned  
100 (97.1%) exact matches, in which:  
99 unique CDR3  
12 unique J



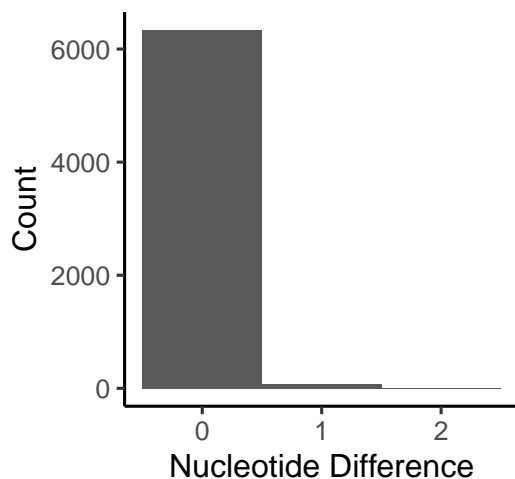
### TRBV7-3\*ap01

5526 sequences assigned  
5487 (99.3%) exact matches, in which:  
5426 unique CDR3  
13 unique J



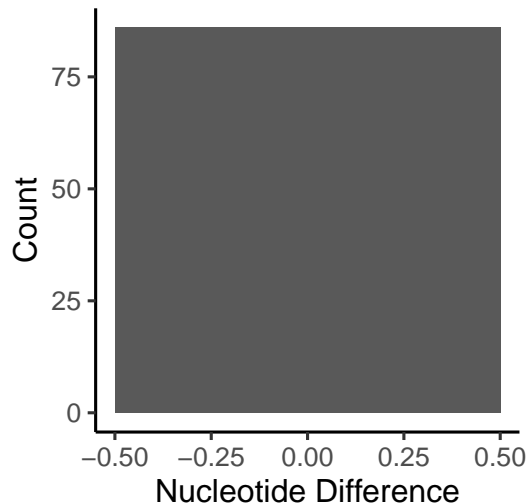
### TRBV6-56\*ap01

6416 sequences assigned  
6336 (98.8%) exact matches, in which:  
6191 unique CDR3  
13 unique J



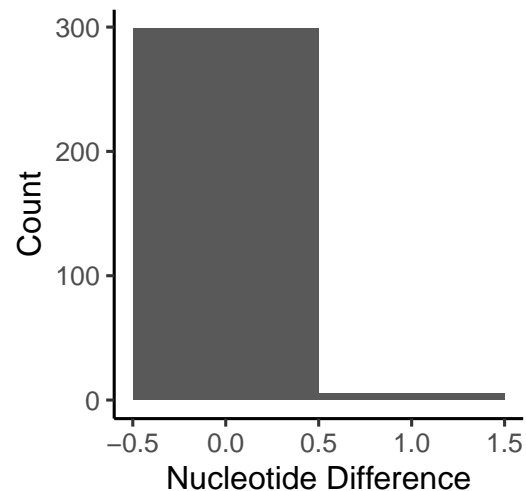
### TRBV7-1\*ap01\_G291C\_T

86 sequences assigned  
86 (100%) exact matches, in which:  
85 unique CDR3  
12 unique J



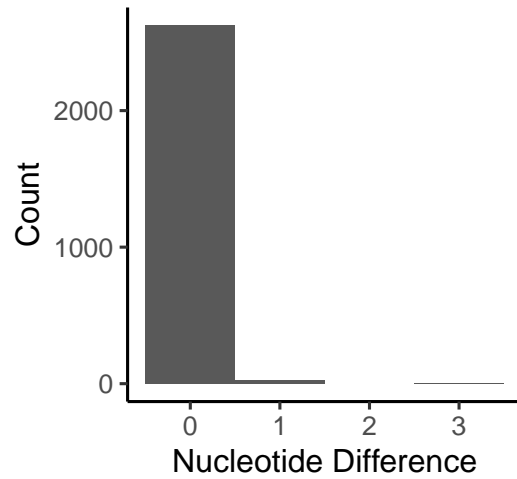
### TRBV7-4\*ap01

304 sequences assigned  
299 (98.4%) exact matches, in which:  
292 unique CDR3  
13 unique J



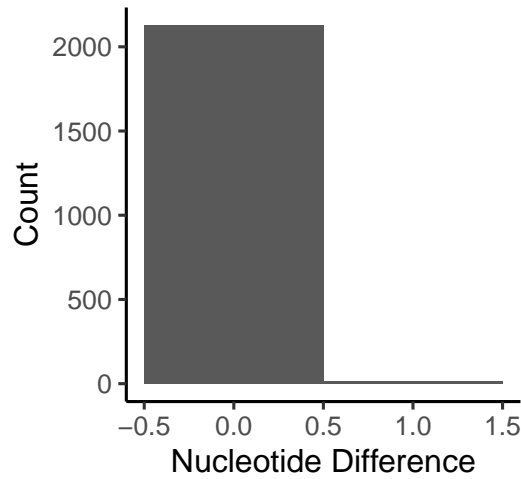
### TRBV7-6\*ap01

2650 sequences assigned  
2624 (99%) exact matches, in which:  
2587 unique CDR3  
13 unique J



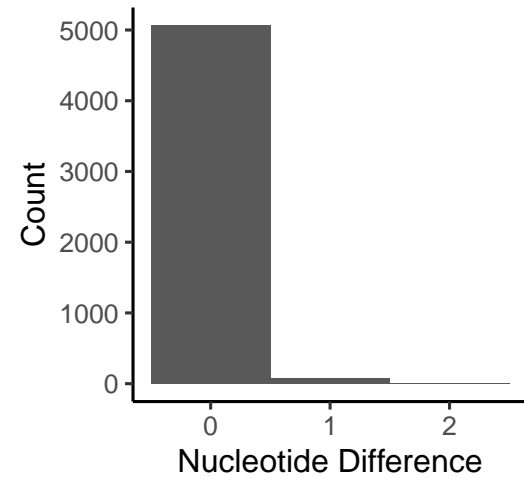
### TRBV7-8\*ap01

2144 sequences assigned  
2127 (99.2%) exact matches, in which:  
2095 unique CDR3  
13 unique J



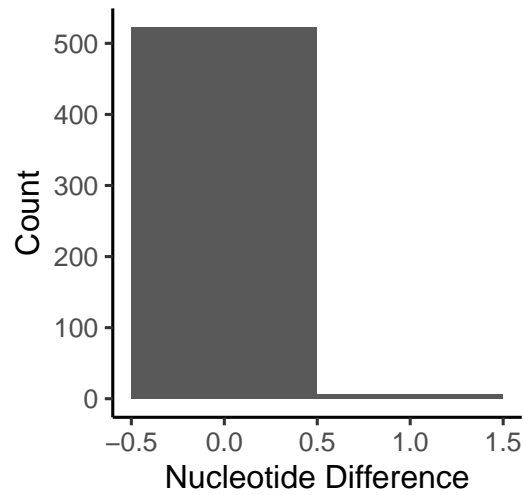
### TRBV29-1\*ap01

5148 sequences assigned  
5065 (98.4%) exact matches, in which:  
4965 unique CDR3  
13 unique J



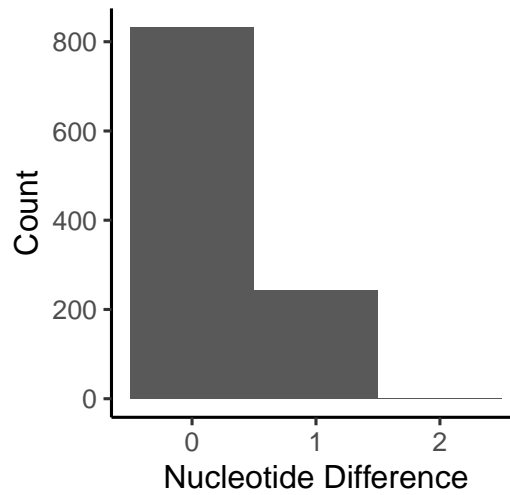
### TRBV7-7\*ap01

529 sequences assigned  
523 (98.9%) exact matches, in which:  
515 unique CDR3  
13 unique J



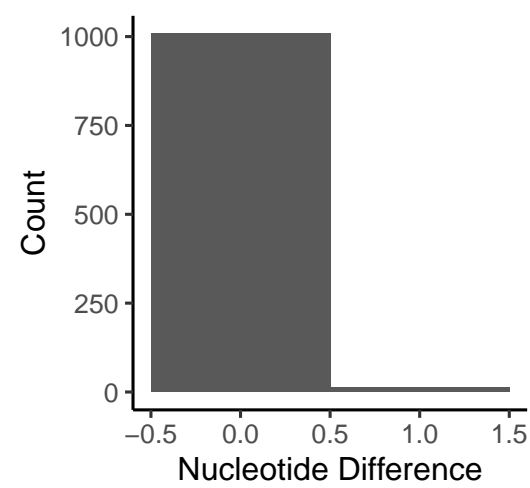
### TRBV7-8\*ap03

1078 sequences assigned  
833 (77.3%) exact matches, in which:  
823 unique CDR3  
13 unique J



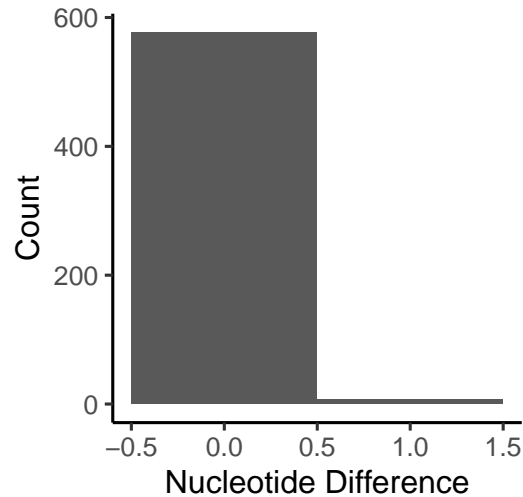
### TRBV29-1\*ap02

1020 sequences assigned  
1008 (98.8%) exact matches, in which:  
985 unique CDR3  
13 unique J



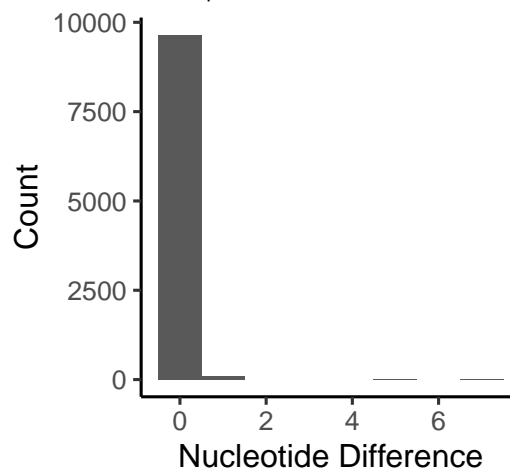
### TRBV7-7\*ap01\_C315T

584 sequences assigned  
577 (98.8%) exact matches, in which:  
562 unique CDR3  
13 unique J

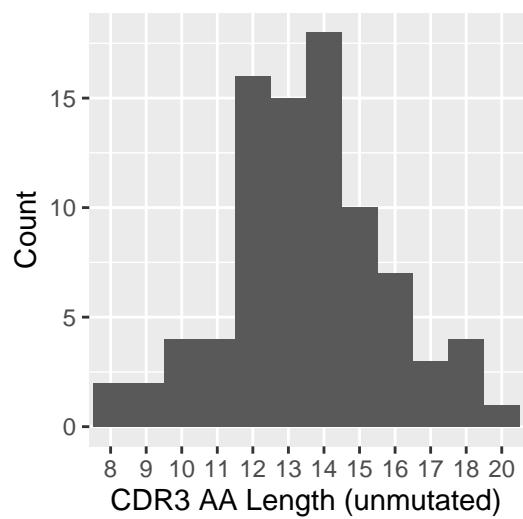


### TRBV7-9\*ap01

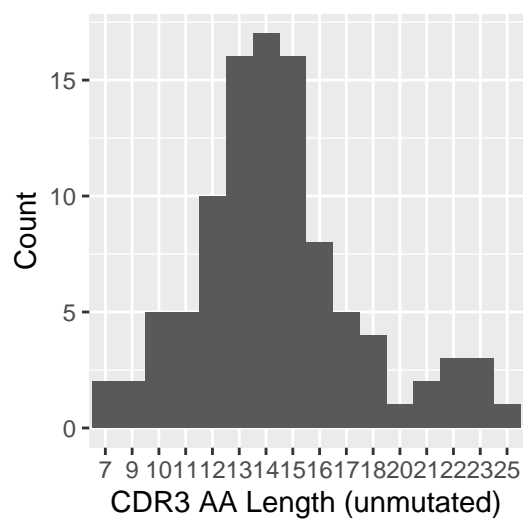
9741 sequences assigned  
9651 (99.1%) exact matches, in which:  
9493 unique CDR3  
13 unique J



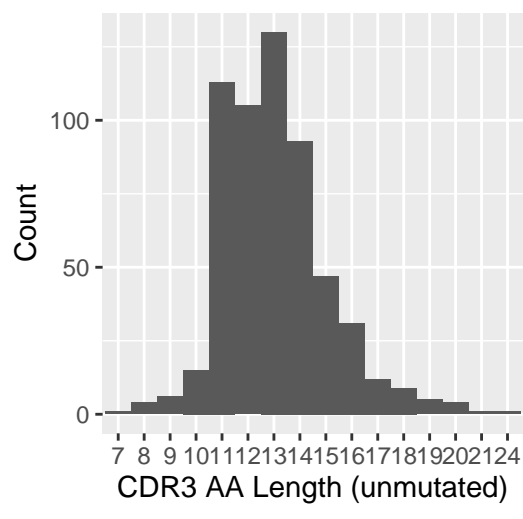
TRBV7-1\*ap01\_G291C\_T296C\_C314T



TRBV7-1\*ap01\_G291C\_T296C



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.