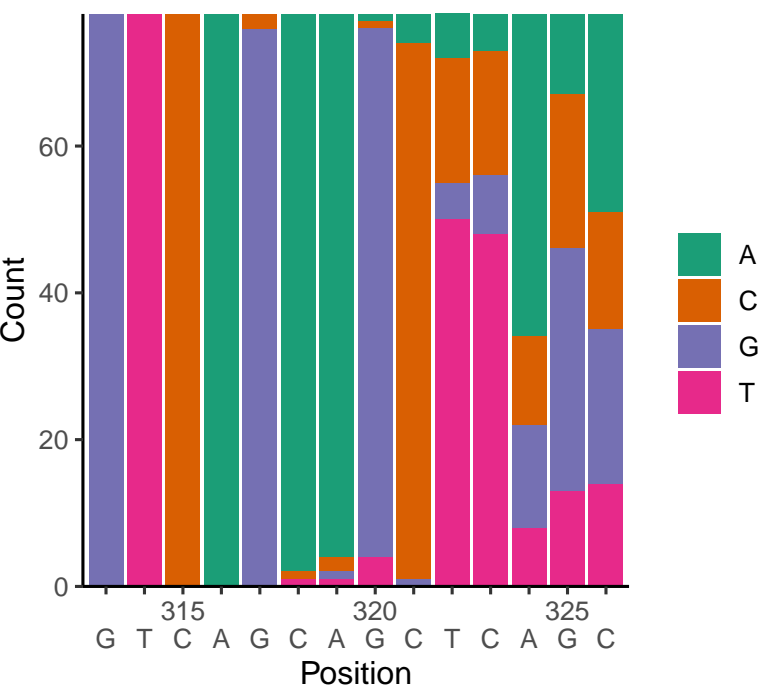
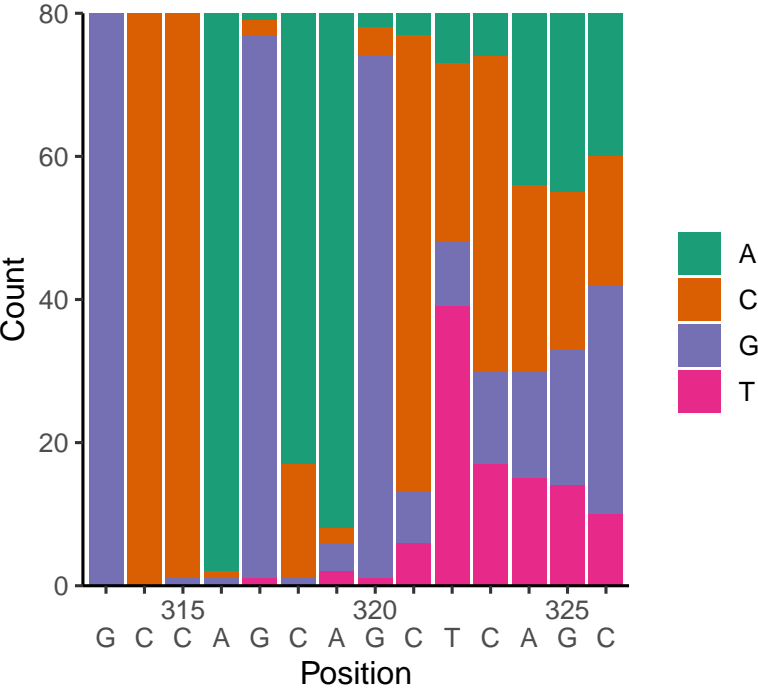


Gene TRBV7-1\*ap01\_T296C\_C314T



Gene TRBV7-1\*ap01\_T296C



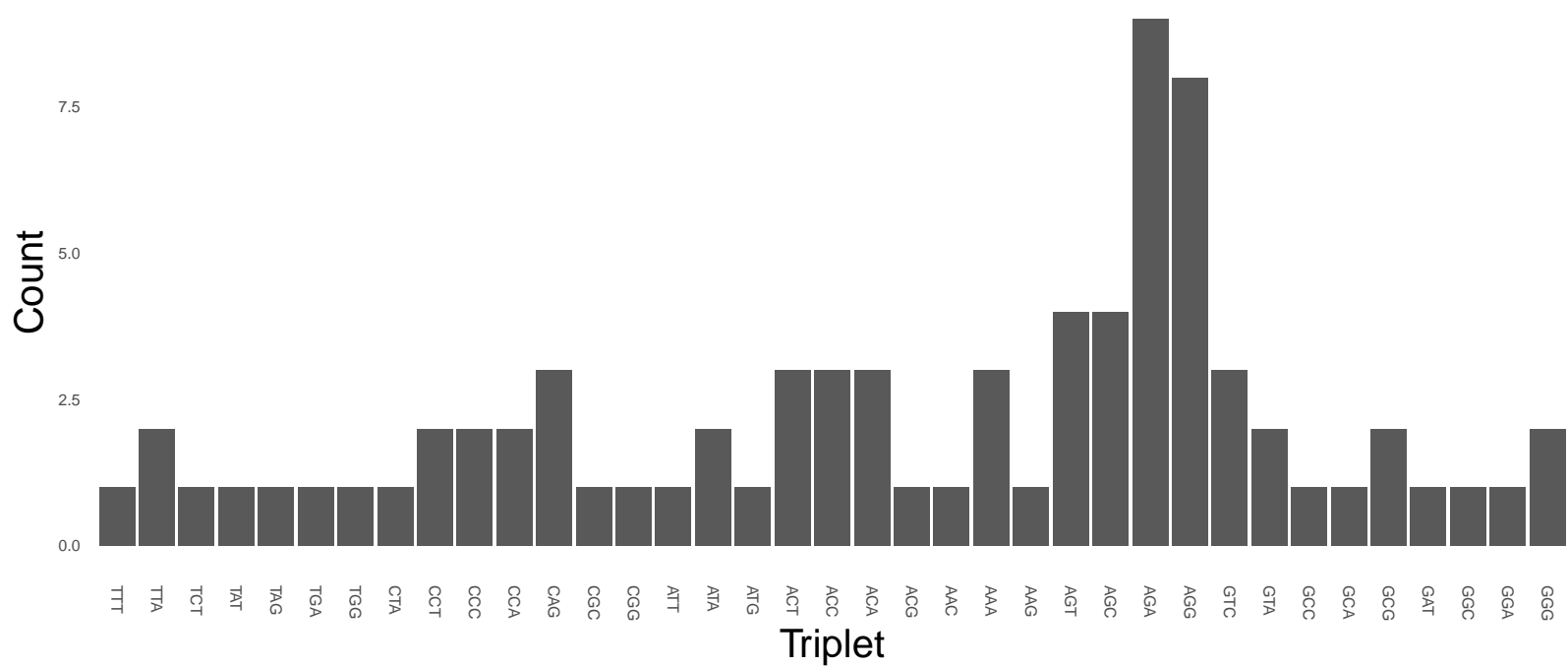
Gene TRBV7-1\*ap01\_T296C\_C314T



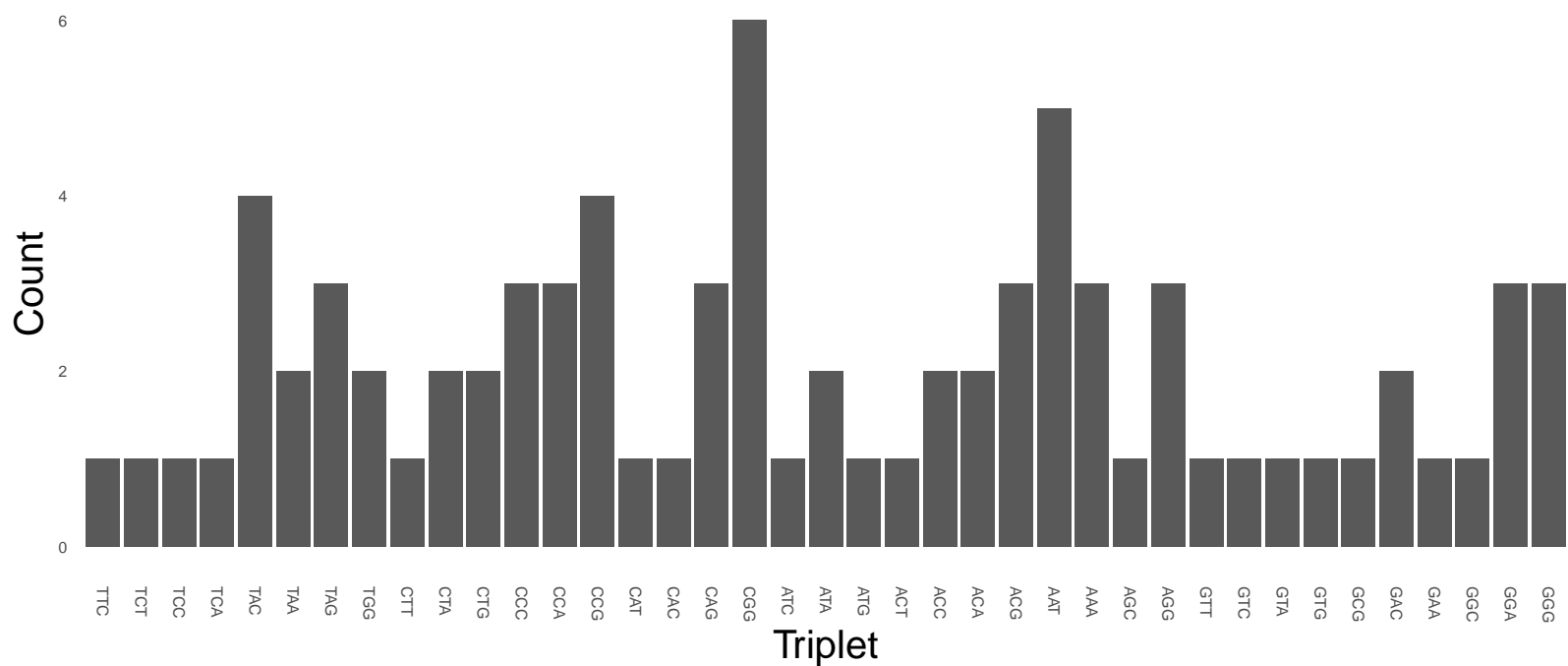
Gene TRBV7-1\*ap01\_T296C



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

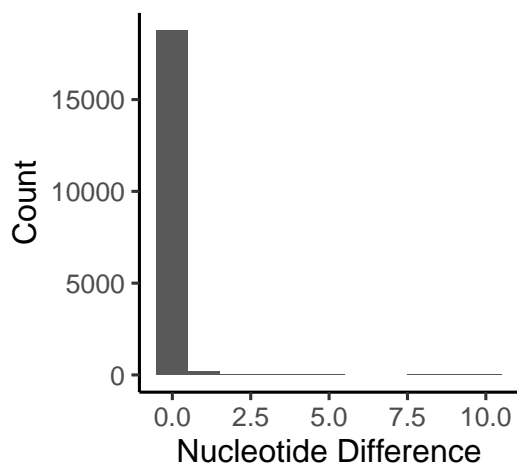


TRBV7-1\*ap01\_T296C- Final 3 nucleotides as a triplet



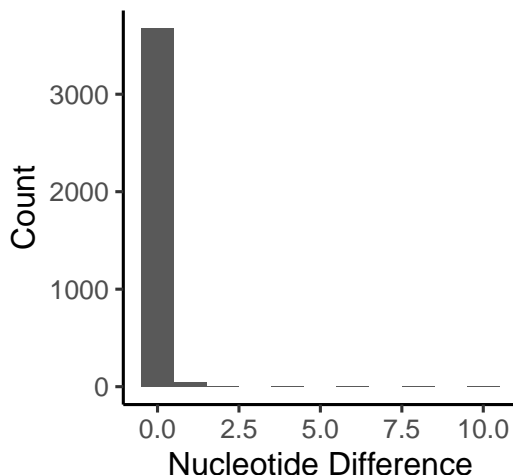
### TRBV20-1\*ap01

18983 sequences assigned  
18782 (98.9%) exact matches, in which:  
18419 unique CDR3  
13 unique J



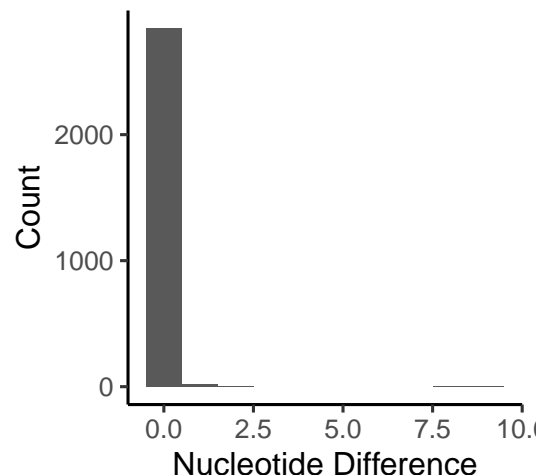
### TRBV10-3\*ap01

3726 sequences assigned  
3675 (98.6%) exact matches, in which:  
3567 unique CDR3  
13 unique J



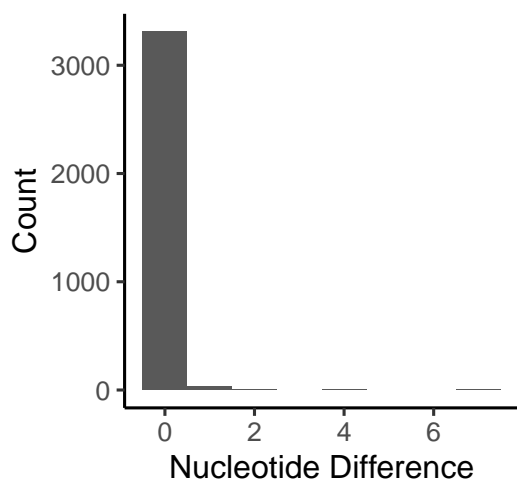
### TRBV14\*ap01

2863 sequences assigned  
2843 (99.3%) exact matches, in which:  
2790 unique CDR3  
13 unique J



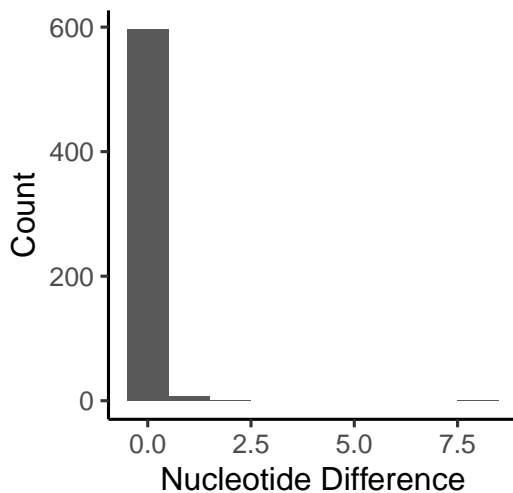
### TRBV10-1\*ap01

3343 sequences assigned  
3310 (99%) exact matches, in which:  
3189 unique CDR3  
13 unique J



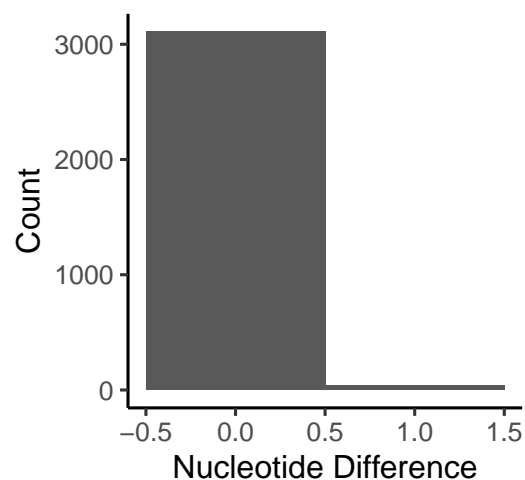
### TRBV1\*ap01

607 sequences assigned  
597 (98.4%) exact matches, in which:  
575 unique CDR3  
13 unique J



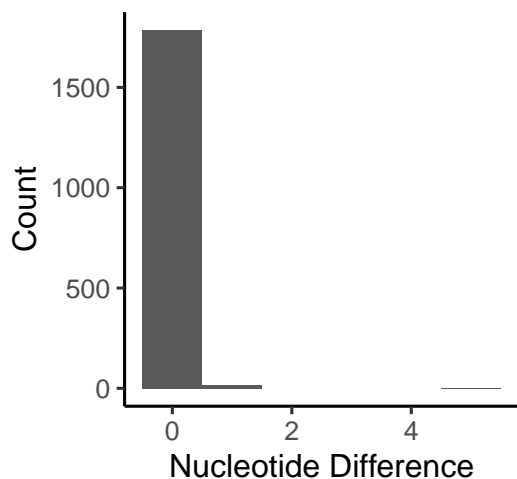
### TRBV15\*ap02

3151 sequences assigned  
3109 (98.7%) exact matches, in which:  
3002 unique CDR3  
13 unique J



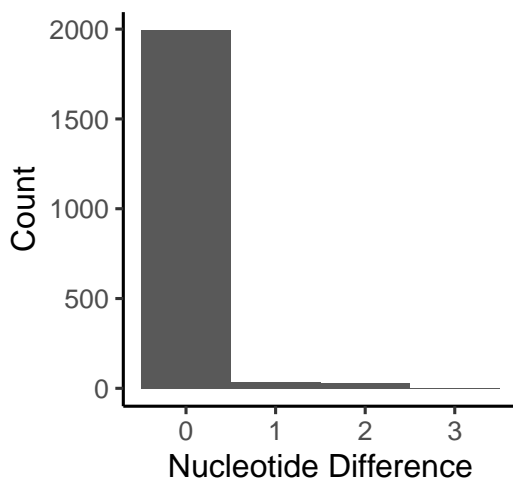
### TRBV10-2\*ap01

1805 sequences assigned  
1786 (98.9%) exact matches, in which:  
1727 unique CDR3  
13 unique J



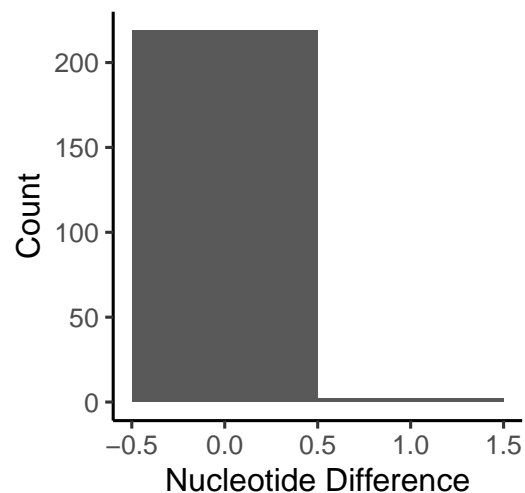
### TRBV13\*ap01

2063 sequences assigned  
1995 (96.7%) exact matches, in which:  
1898 unique CDR3  
13 unique J



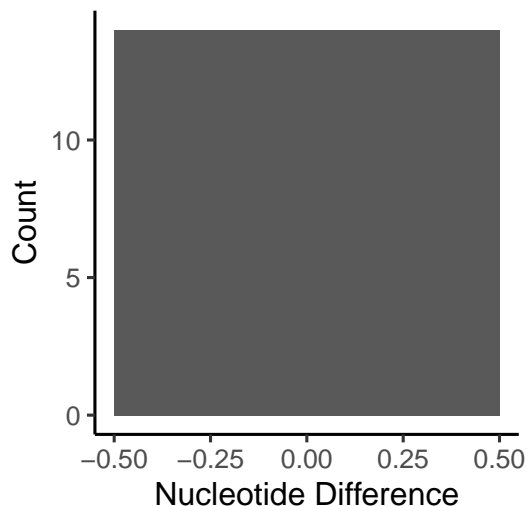
### TRBV16\*ap01

221 sequences assigned  
219 (99.1%) exact matches, in which:  
214 unique CDR3  
13 unique J



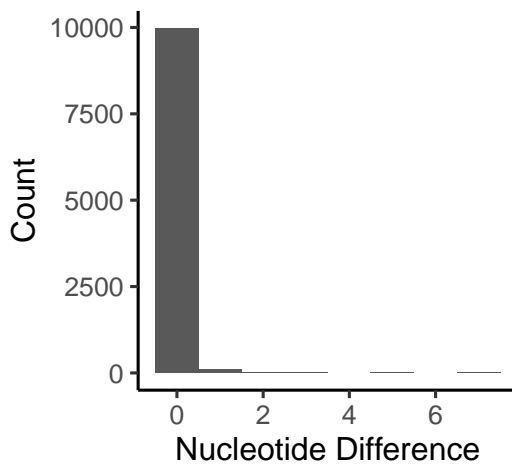
### TRBV17\*ap01

14 sequences assigned  
14 (100%) exact matches, in which:  
14 unique CDR3  
5 unique J



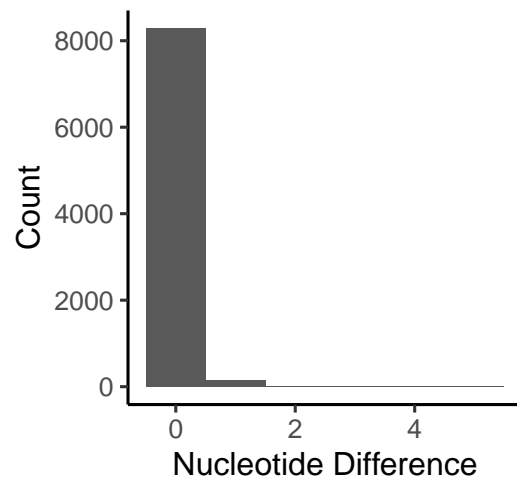
### TRBV2\*ap01

10100 sequences assigned  
9980 (98.8%) exact matches, in which:  
9667 unique CDR3  
13 unique J



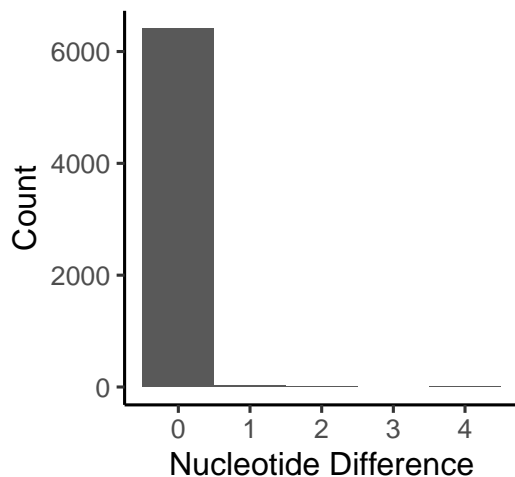
### TRBV30\*ap01

8444 sequences assigned  
8285 (98.1%) exact matches, in which:  
7867 unique CDR3  
13 unique J



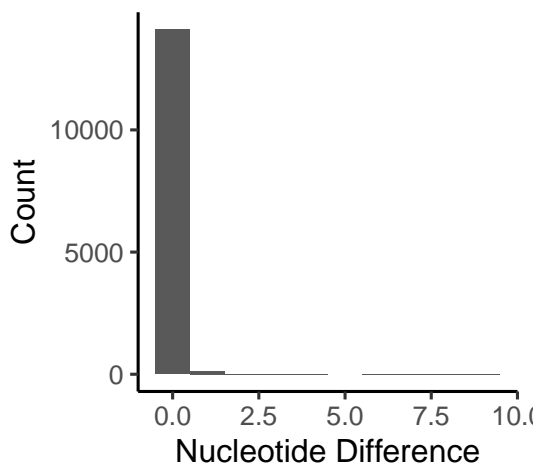
### TRBV18\*ap01

6445 sequences assigned  
6408 (99.4%) exact matches, in which:  
6337 unique CDR3  
13 unique J



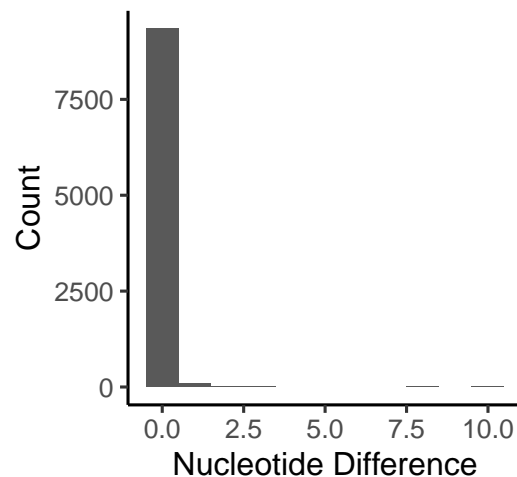
### TRBV27\*ap01

14269 sequences assigned  
14111 (98.9%) exact matches, in which:  
13665 unique CDR3  
13 unique J



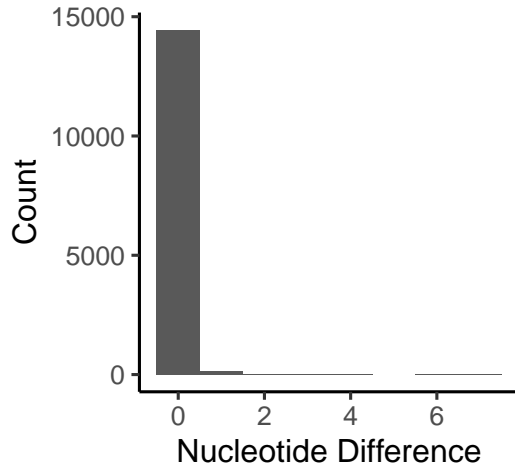
### TRBV9\*ap01

9438 sequences assigned  
9342 (99%) exact matches, in which:  
9155 unique CDR3  
13 unique J



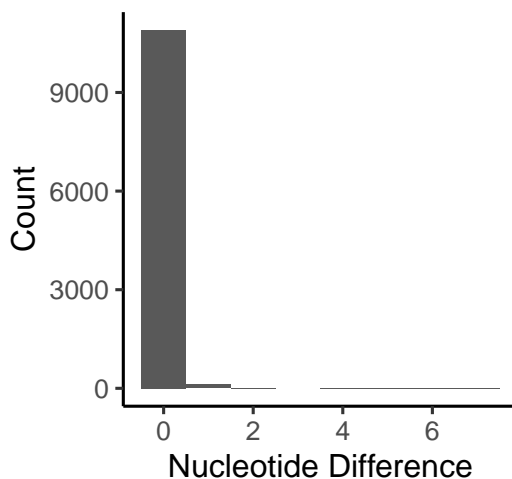
### TRBV19\*ap01

14593 sequences assigned  
14451 (99%) exact matches, in which:  
14264 unique CDR3  
13 unique J



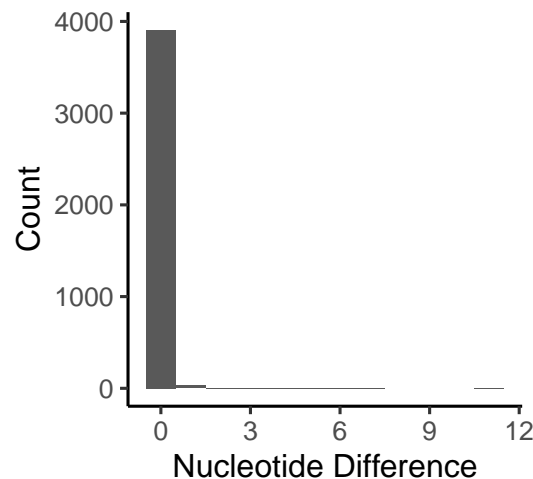
### TRBV28\*ap01

11019 sequences assigned  
10899 (98.9%) exact matches, in which:  
10628 unique CDR3  
13 unique J



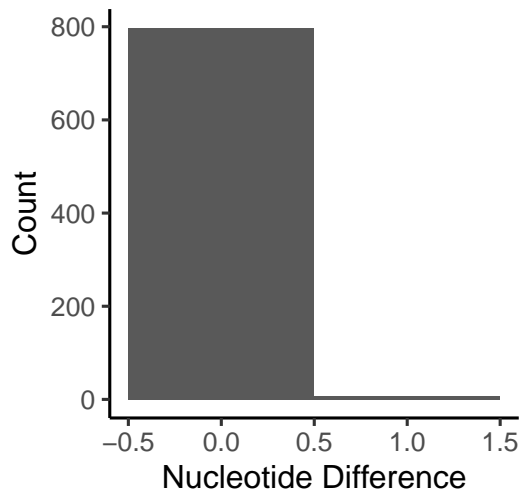
### TRBV21-1\*ap01

3955 sequences assigned  
3906 (98.8%) exact matches, in which:  
3863 unique CDR3  
13 unique J



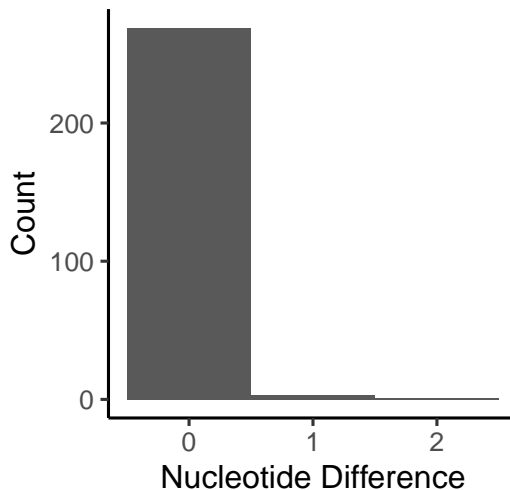
### TRBV11-1\*ap01

806 sequences assigned  
798 (99%) exact matches, in which:  
782 unique CDR3  
13 unique J



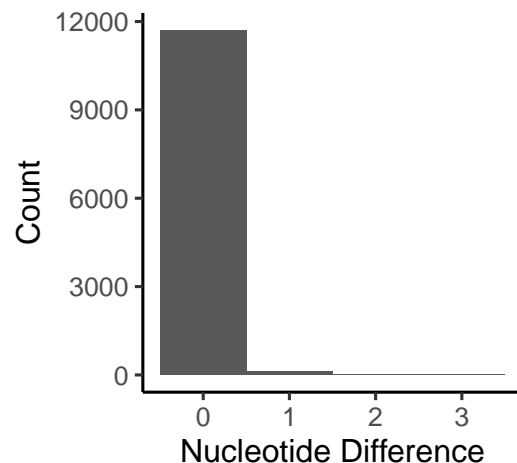
### TRBV12-1\*ap01

273 sequences assigned  
269 (98.5%) exact matches, in which:  
265 unique CDR3  
13 unique J



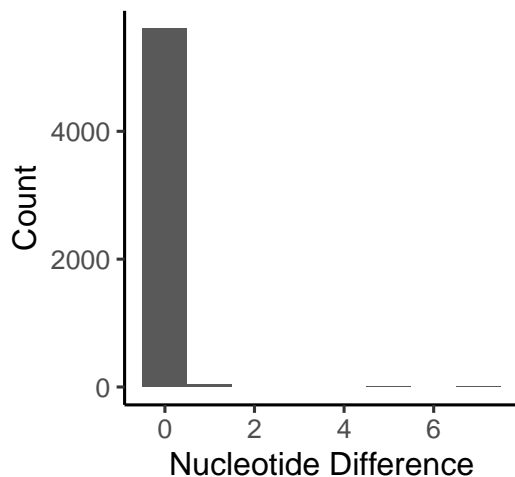
### TRBV12-34\*ap01

11834 sequences assigned  
11708 (98.9%) exact matches, in which:  
11394 unique CDR3  
13 unique J



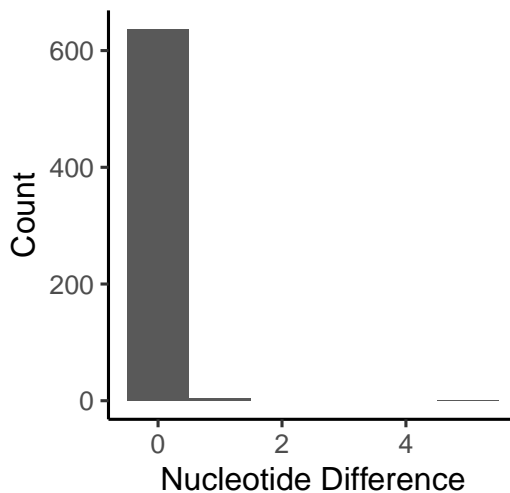
### TRBV11-2\*ap01

5643 sequences assigned  
5605 (99.3%) exact matches, in which:  
5522 unique CDR3  
13 unique J



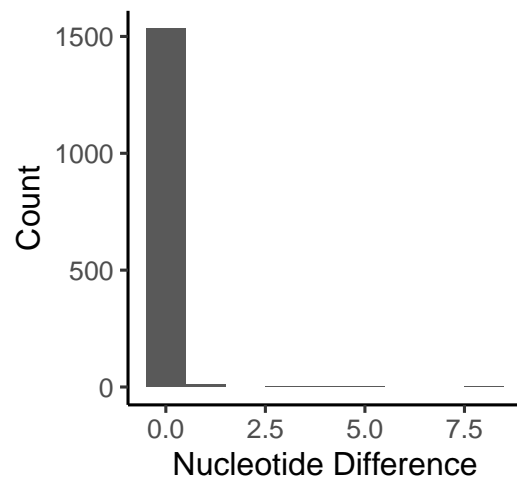
### TRBV12-2\*ap01

643 sequences assigned  
637 (99.1%) exact matches, in which:  
621 unique CDR3  
13 unique J



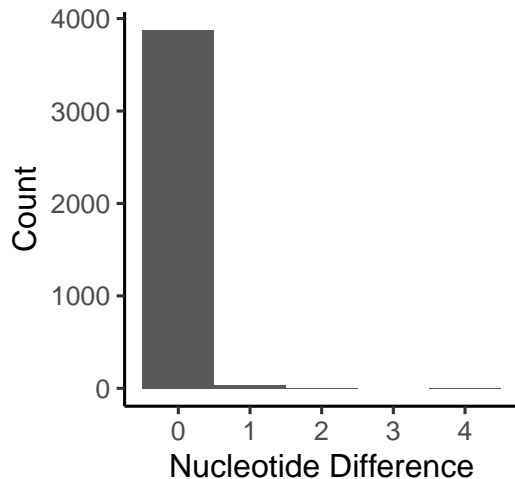
### TRBV23-1\*ap01

1550 sequences assigned  
1533 (98.9%) exact matches, in which:  
1508 unique CDR3  
13 unique J



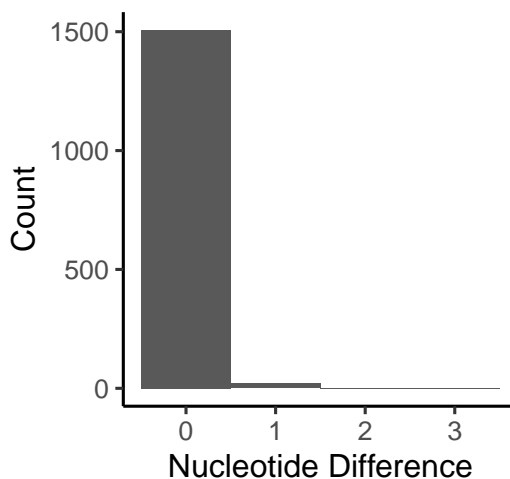
### TRBV11-3\*ap01

3913 sequences assigned  
3876 (99.1%) exact matches, in which:  
3821 unique CDR3  
13 unique J



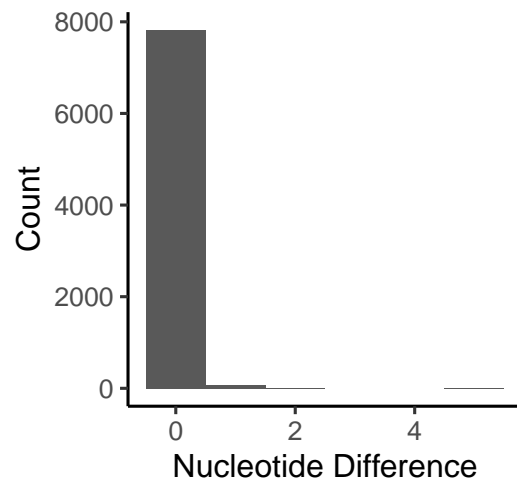
### TRBV12-5\*ap01

1531 sequences assigned  
1507 (98.4%) exact matches, in which:  
1466 unique CDR3  
13 unique J



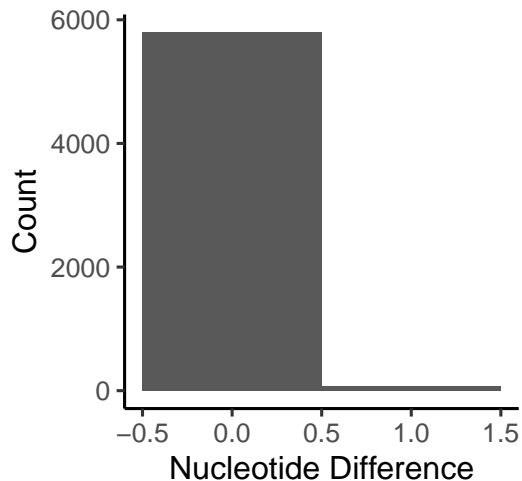
### TRBV3-12\*ap01

7890 sequences assigned  
7820 (99.1%) exact matches, in which:  
7678 unique CDR3  
13 unique J



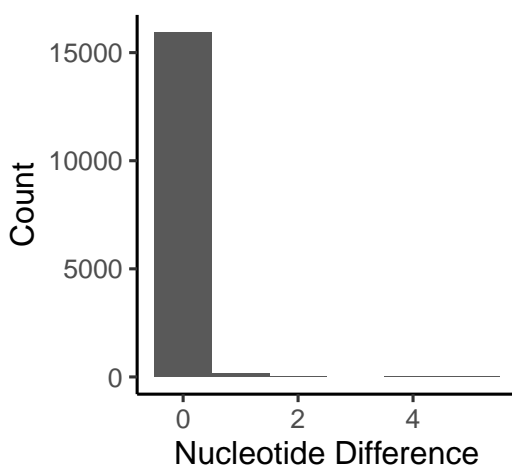
### TRBV4-1\*ap01

5866 sequences assigned  
5796 (98.8%) exact matches, in which:  
5602 unique CDR3  
13 unique J



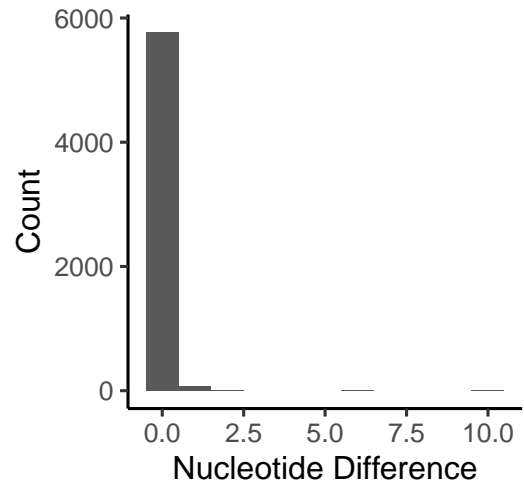
### TRBV5-1\*ap01

16101 sequences assigned  
15947 (99%) exact matches, in which:  
15361 unique CDR3  
13 unique J



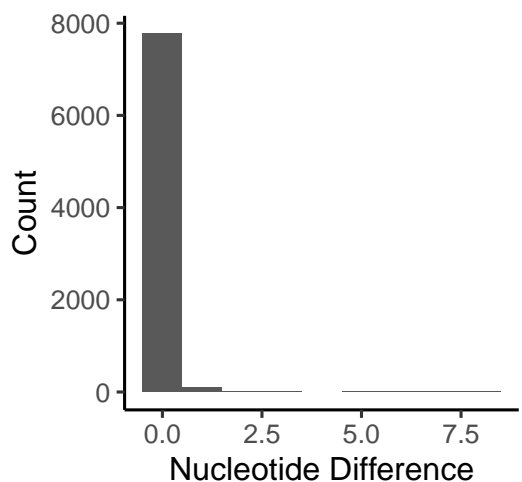
### TRBV5-4\*ap01

5849 sequences assigned  
5768 (98.6%) exact matches, in which:  
5559 unique CDR3  
13 unique J



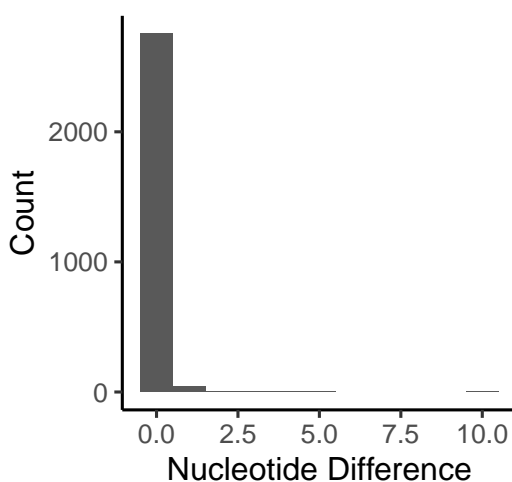
### TRBV24-1\*ap01

7880 sequences assigned  
7772 (98.6%) exact matches, in which:  
7508 unique CDR3  
13 unique J



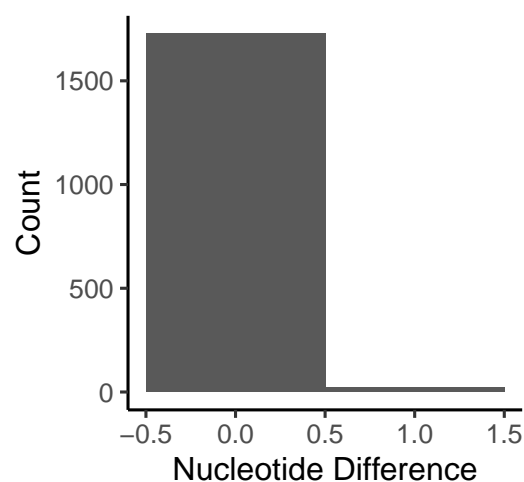
### TRBV25-1\*ap01

2800 sequences assigned  
2754 (98.4%) exact matches, in which:  
2619 unique CDR3  
13 unique J



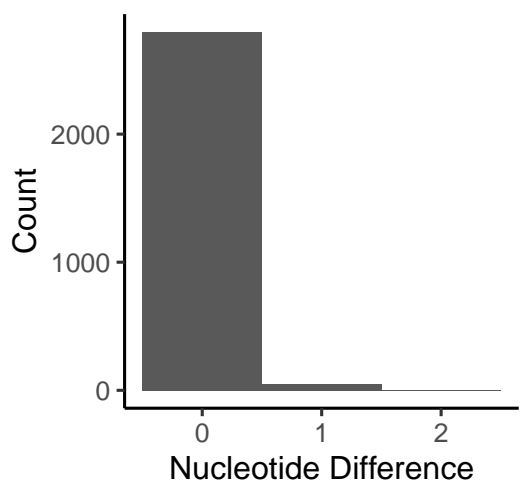
### TRBV5-5\*ap01

1748 sequences assigned  
1727 (98.8%) exact matches, in which:  
1708 unique CDR3  
13 unique J



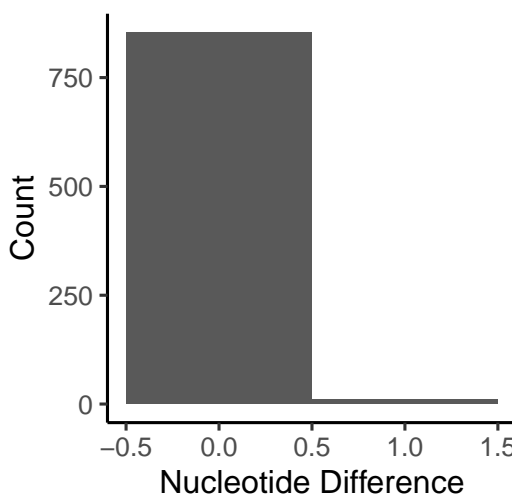
### TRBV4-2\*ap01

2847 sequences assigned  
2797 (98.2%) exact matches, in which:  
2710 unique CDR3  
13 unique J



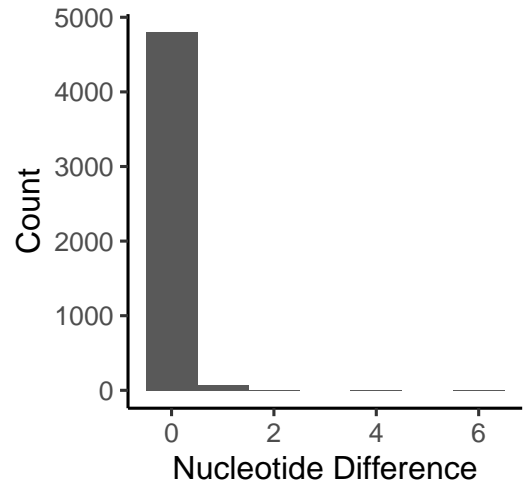
### TRBV5-3\*ap01

864 sequences assigned  
854 (98.8%) exact matches, in which:  
831 unique CDR3  
13 unique J



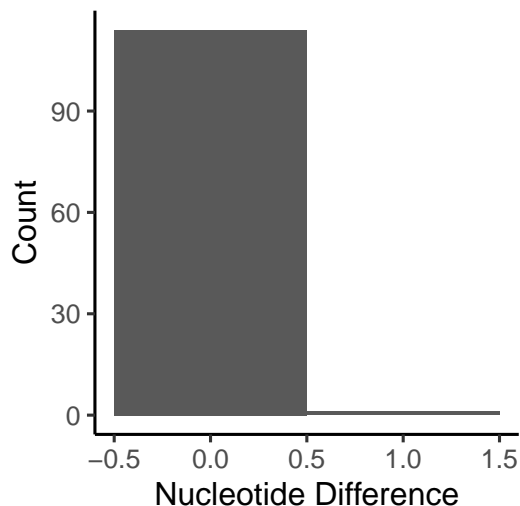
### TRBV5-6\*ap01

4877 sequences assigned  
4802 (98.5%) exact matches, in which:  
4580 unique CDR3  
13 unique J



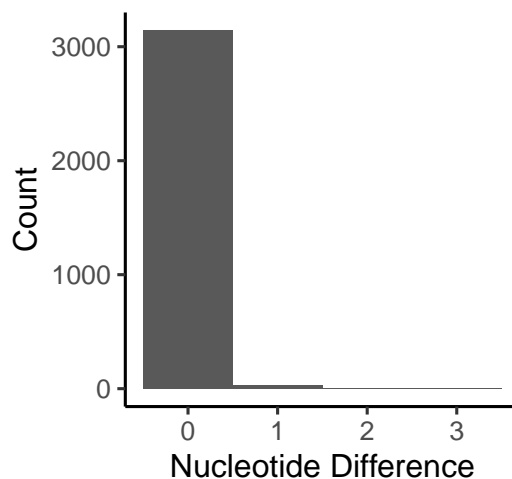
### TRBV5-7\*ap01

115 sequences assigned  
114 (99.1%) exact matches, in which:  
110 unique CDR3  
13 unique J



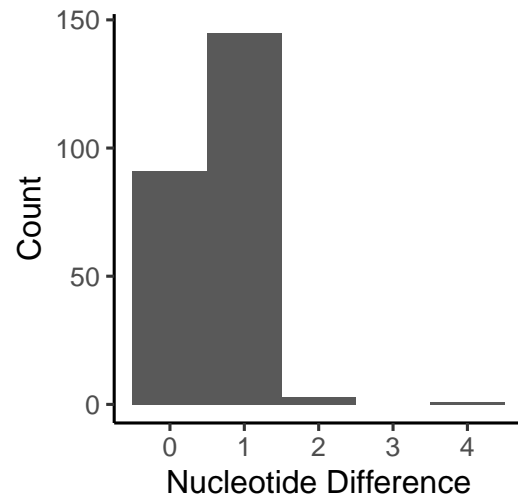
### TRBV6-4\*ap01

3173 sequences assigned  
3143 (99.1%) exact matches, in which:  
3091 unique CDR3  
13 unique J



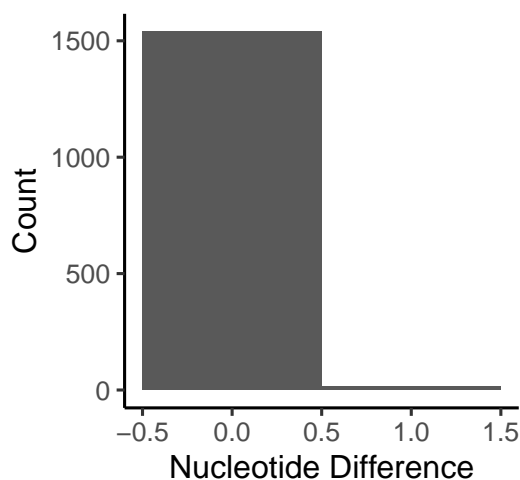
### TRBV6-9\*ap01

240 sequences assigned  
91 (37.9%) exact matches, in which:  
85 unique CDR3  
12 unique J



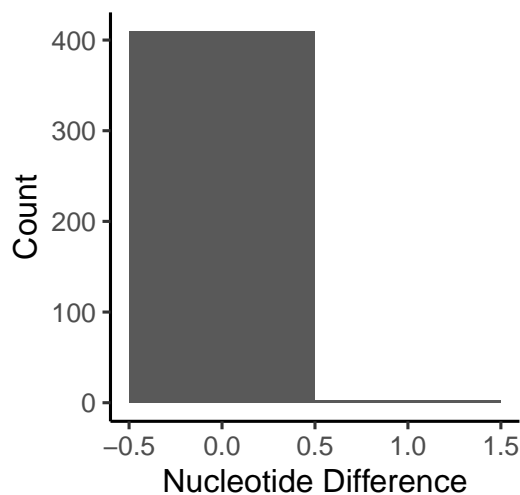
### TRBV5-8\*ap01

1553 sequences assigned  
1539 (99.1%) exact matches, in which:  
1503 unique CDR3  
13 unique J



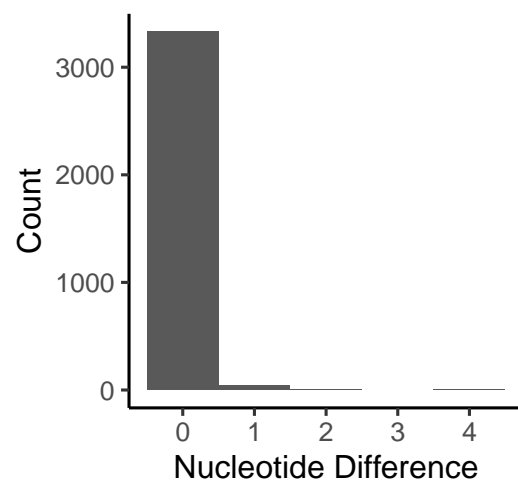
### TRBV6-7\*ap01

413 sequences assigned  
410 (99.3%) exact matches, in which:  
394 unique CDR3  
13 unique J



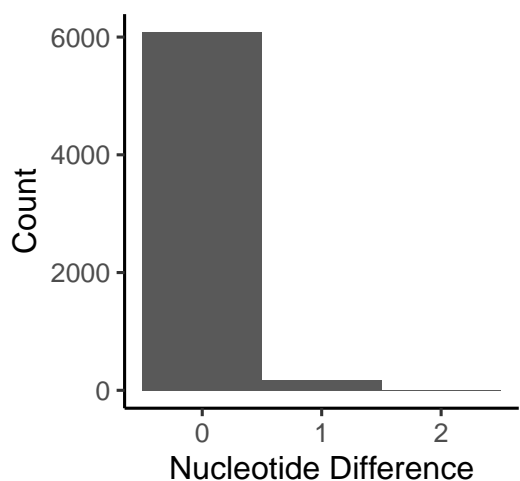
### TRBV6-23\*ap01

3376 sequences assigned  
3330 (98.6%) exact matches, in which:  
3174 unique CDR3  
14 unique J



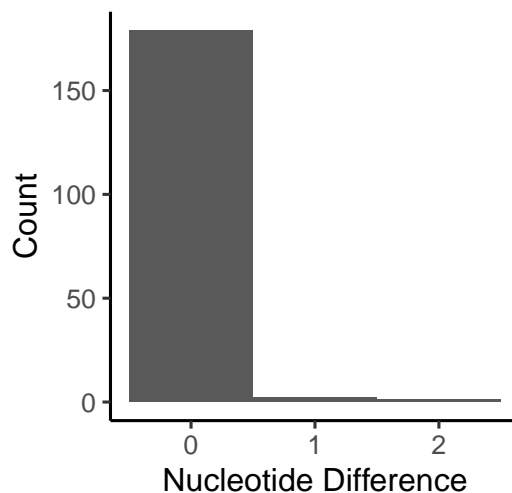
### TRBV6-1\*ap01

6265 sequences assigned  
6085 (97.1%) exact matches, in which:  
5809 unique CDR3  
13 unique J



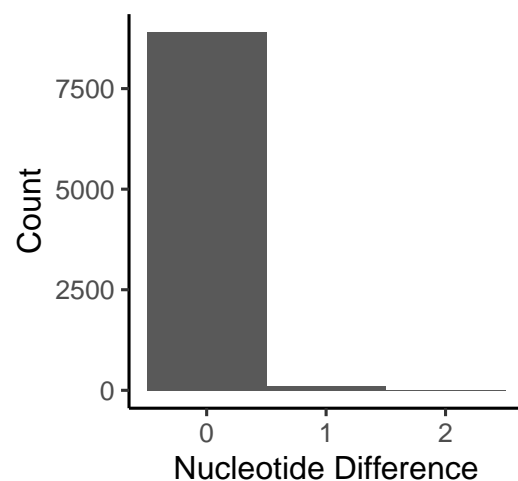
### TRBV6-8\*ap01

182 sequences assigned  
179 (98.4%) exact matches, in which:  
171 unique CDR3  
13 unique J



### TRBV6-56\*ap01

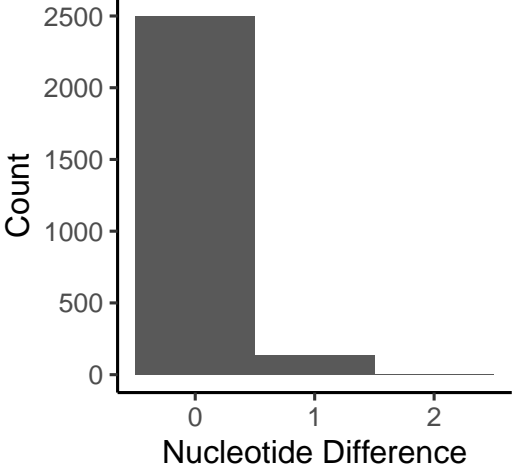
9019 sequences assigned  
8906 (98.7%) exact matches, in which:  
8515 unique CDR3  
13 unique J





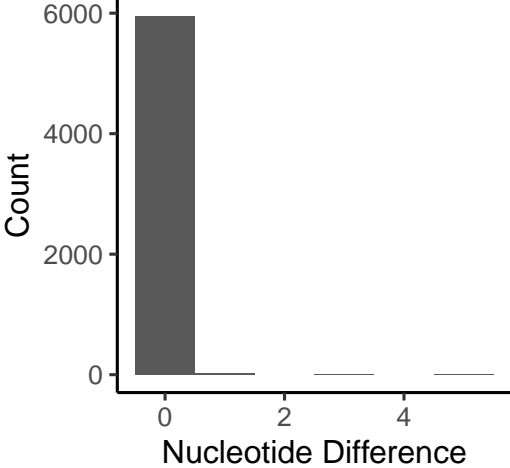
TRBV6-56\*ap02

2635 sequences assigned  
2497 (94.8%) exact matches, in which:  
2385 unique CDR3  
13 unique J



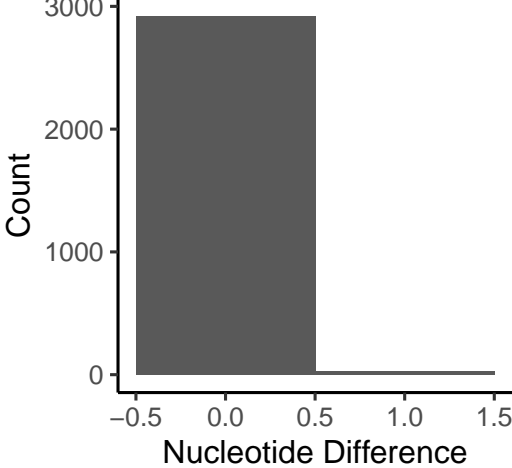
TRBV7-2\*ap01

5979 sequences assigned  
5946 (99.4%) exact matches, in which:  
5797 unique CDR3  
13 unique J



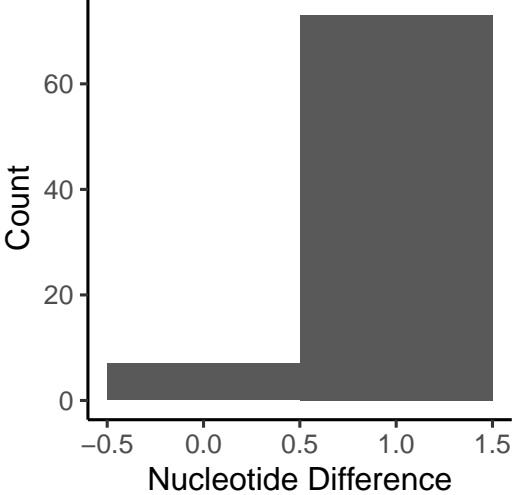
TRBV7-6\*ap01

2945 sequences assigned  
2918 (99.1%) exact matches, in which:  
2841 unique CDR3  
13 unique J



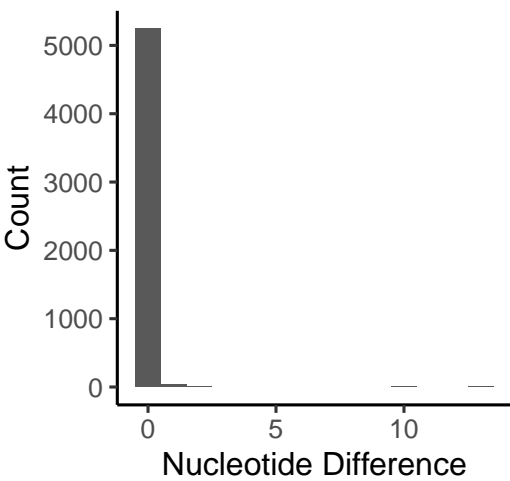
TRBV7-1\*ap01\_T296C

80 sequences assigned  
7 (8.8%) exact matches, in which:  
6 unique CDR3  
6 unique J



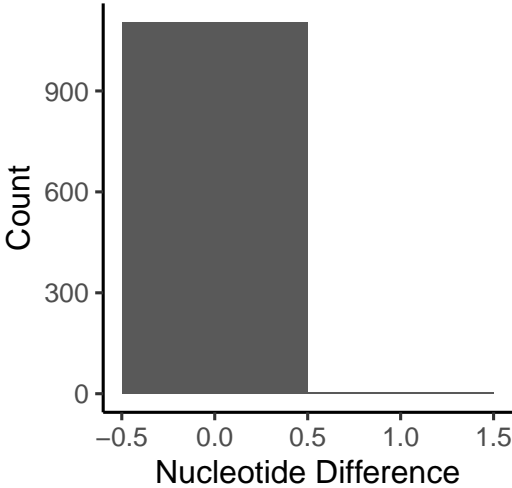
TRBV7-3\*ap01

5289 sequences assigned  
5244 (99.1%) exact matches, in which:  
5165 unique CDR3  
13 unique J



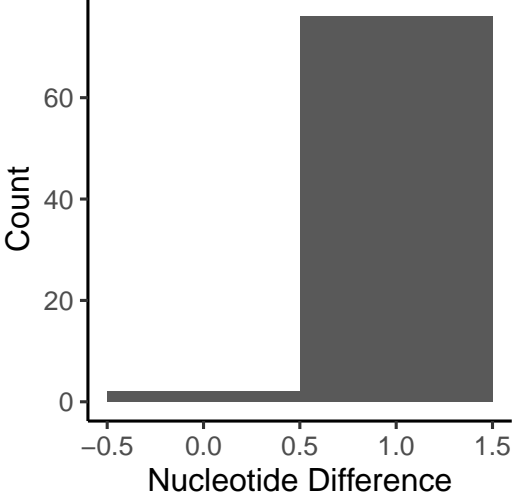
TRBV7-7\*ap01

1110 sequences assigned  
1105 (99.5%) exact matches, in which:  
1075 unique CDR3  
13 unique J



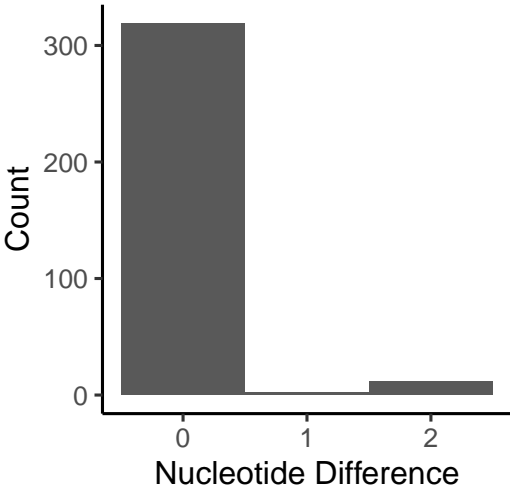
TRBV7-1\*ap01\_T296C\_C

78 sequences assigned  
2 (2.6%) exact matches, in which:  
2 unique CDR3  
2 unique J



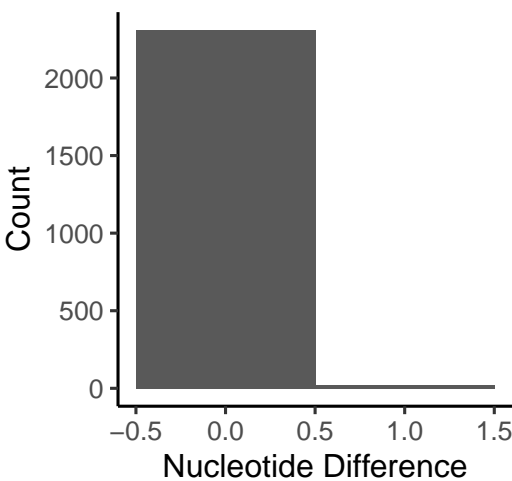
TRBV7-4\*ap01

333 sequences assigned  
319 (95.8%) exact matches, in which:  
310 unique CDR3  
13 unique J



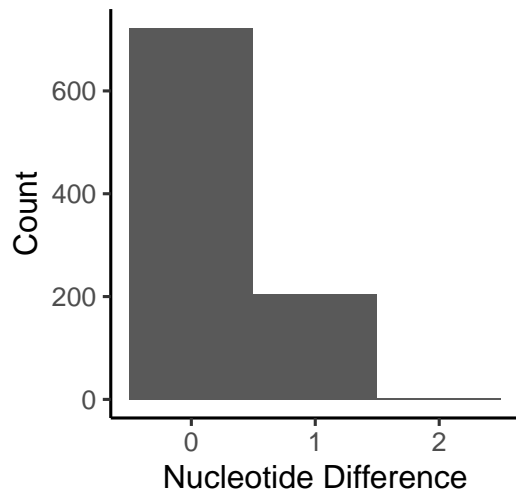
TRBV7-8\*ap01

2332 sequences assigned  
2309 (99%) exact matches, in which:  
2250 unique CDR3  
13 unique J



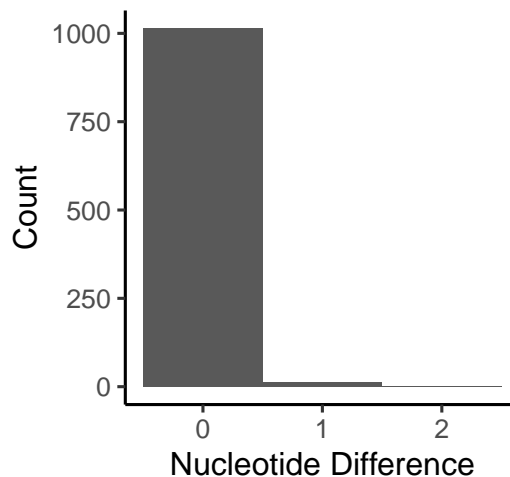
### TRBV7-8\*ap03

930 sequences assigned  
723 (77.7%) exact matches, in which:  
700 unique CDR3  
13 unique J



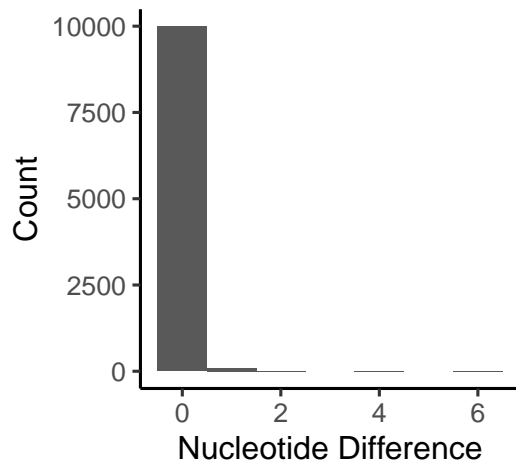
### TRBV29-1\*ap02

1028 sequences assigned  
1014 (98.6%) exact matches, in which:  
954 unique CDR3  
13 unique J



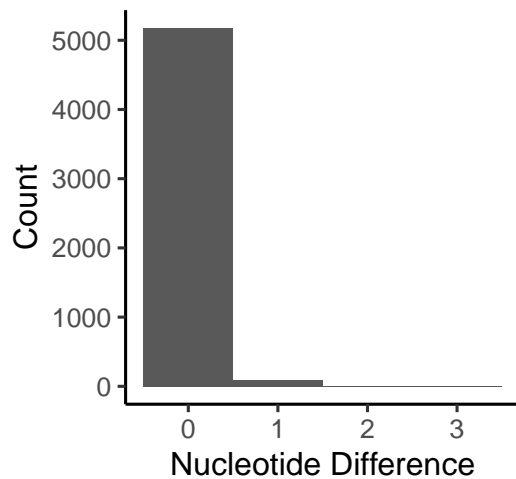
### TRBV7-9\*ap01

10093 sequences assigned  
9992 (99%) exact matches, in which:  
9746 unique CDR3  
13 unique J

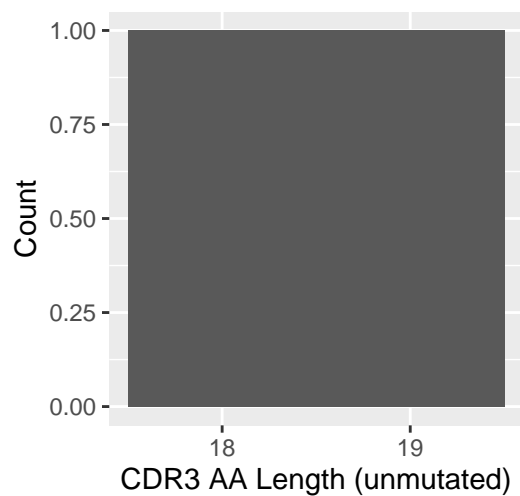


### TRBV29-1\*ap01

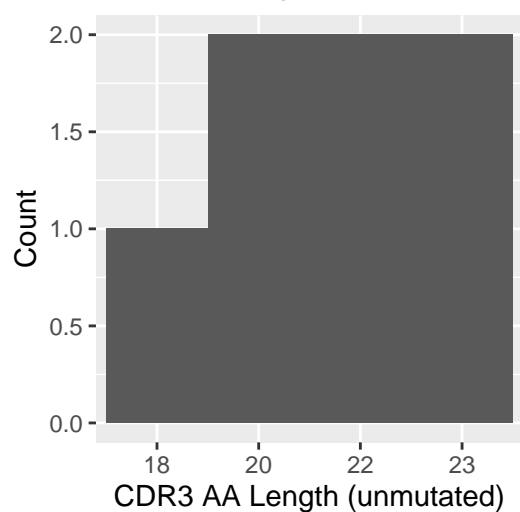
5275 sequences assigned  
5177 (98.1%) exact matches, in which:  
4872 unique CDR3  
13 unique J



TRBV7-1\*ap01\_T296C\_C314T



TRBV7-1\*ap01\_T296C





Warning – no inferred sequences found.

Warning – no inferred sequences found.