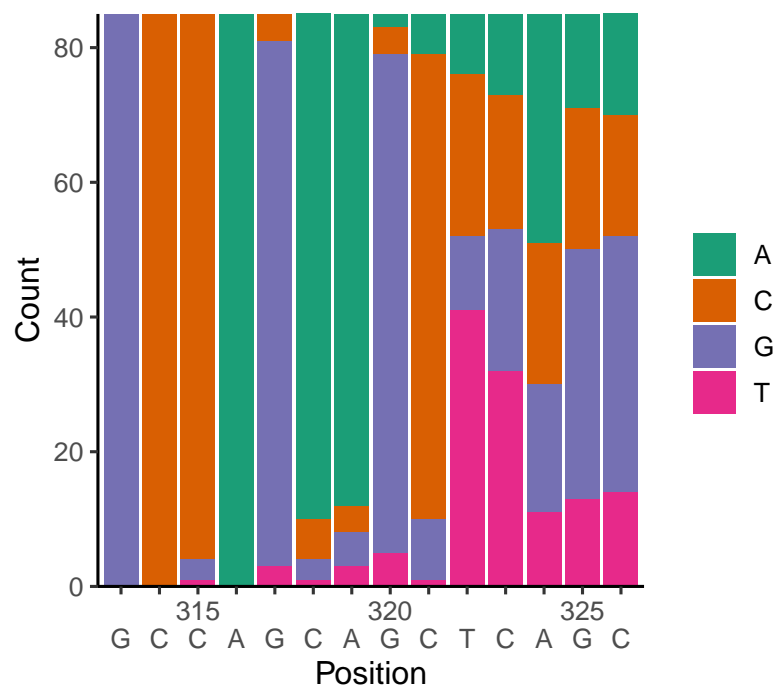
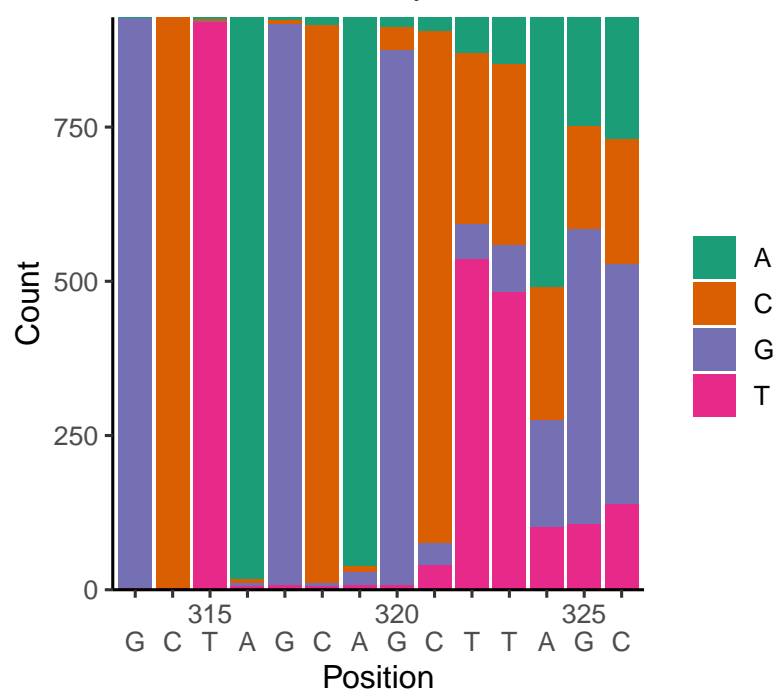


Gene TRBV7-1\*ap01\_G291C\_T296C



Gene TRBV7-7\*ap01\_C315T



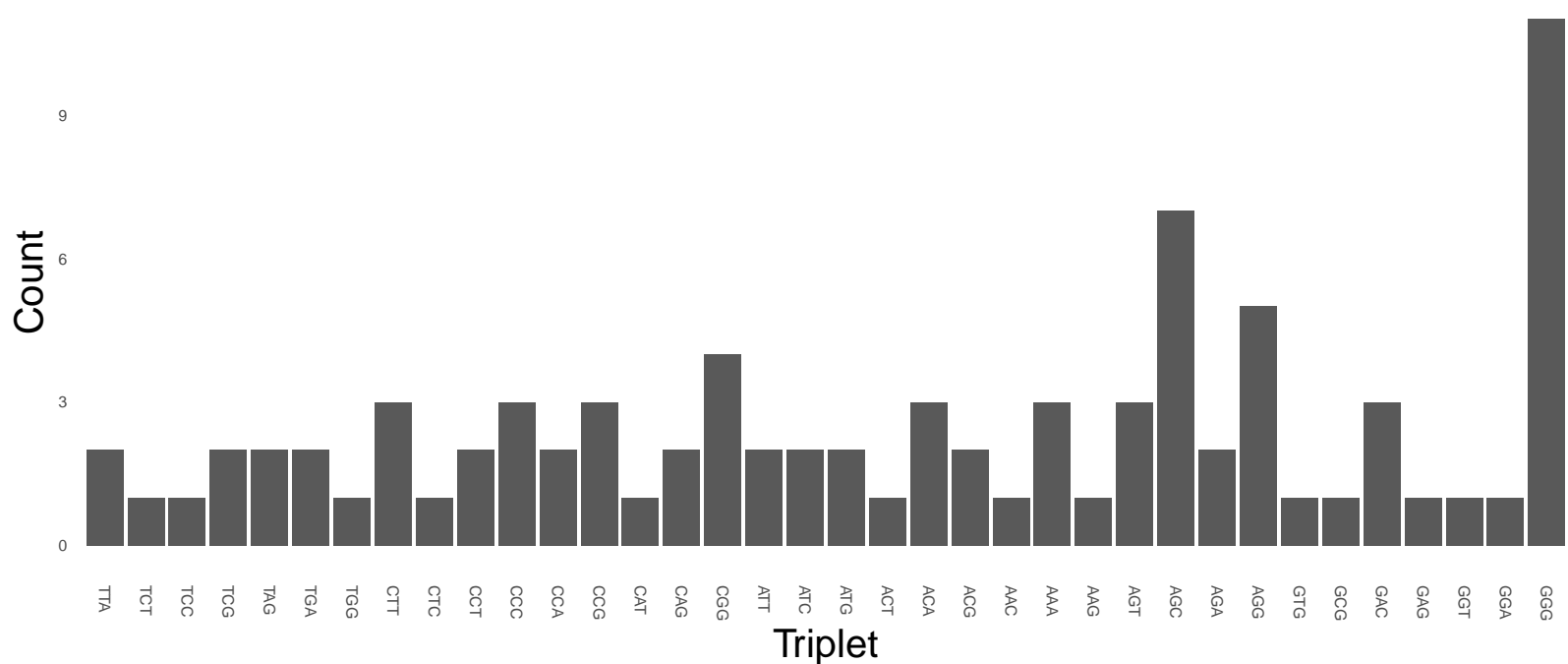
Gene TRBV7-1\*ap01\_G291C\_T296C



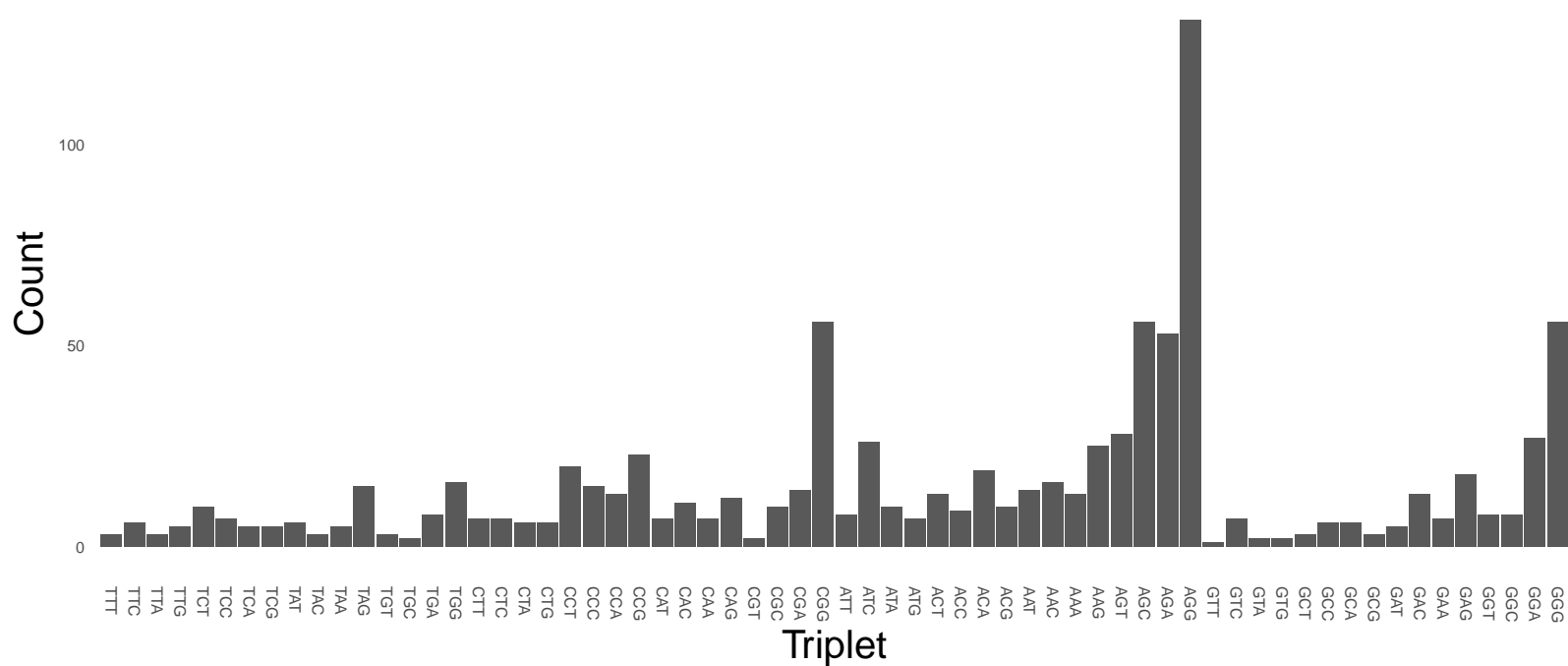
Gene TRBV7-7\*ap01\_C315T



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

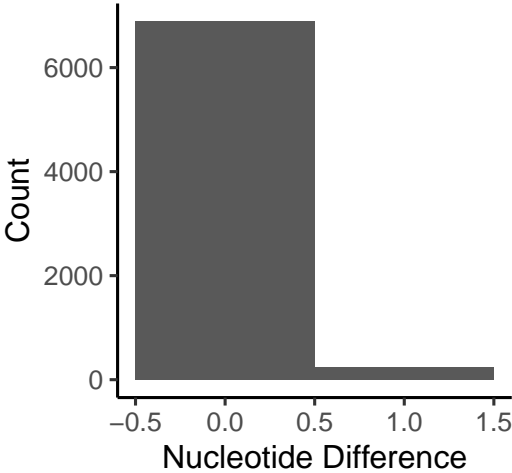


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



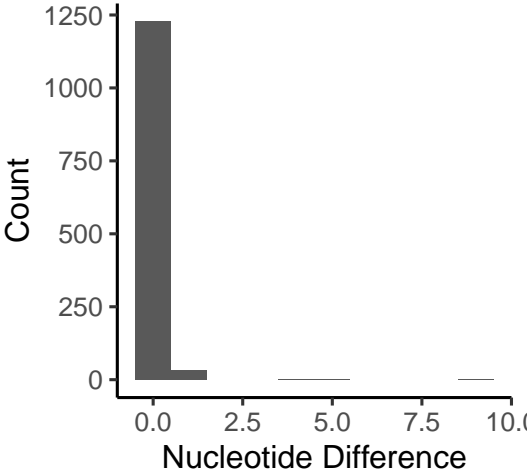
TRBV20-1\*ap01

7120 sequences assigned  
6888 (96.7%) exact matches, in which:  
6818 unique CDR3  
13 unique J



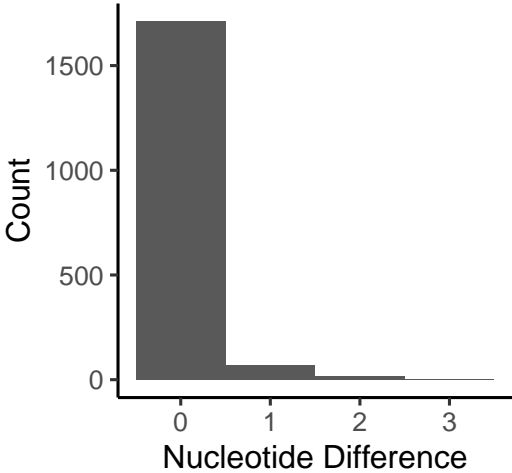
TRBV10-2\*ap01

1267 sequences assigned  
1228 (96.9%) exact matches, in which:  
1218 unique CDR3  
13 unique J



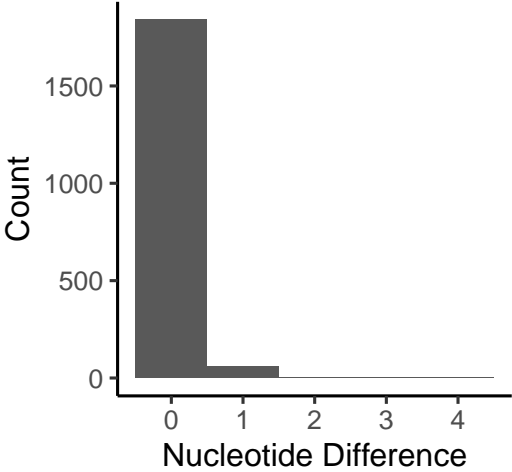
TRBV13\*ap01

1801 sequences assigned  
1711 (95%) exact matches, in which:  
1671 unique CDR3  
13 unique J



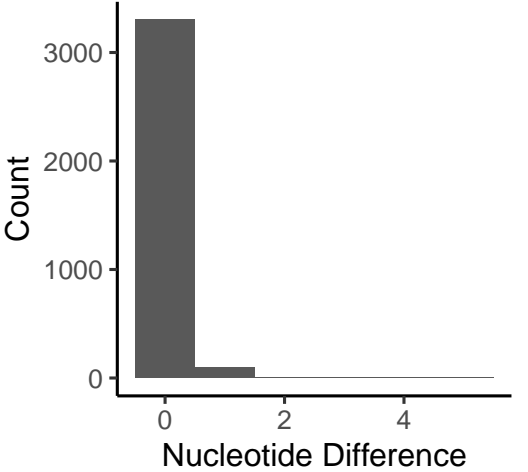
TRBV10-1\*ap01

1904 sequences assigned  
1840 (96.6%) exact matches, in which:  
1831 unique CDR3  
13 unique J



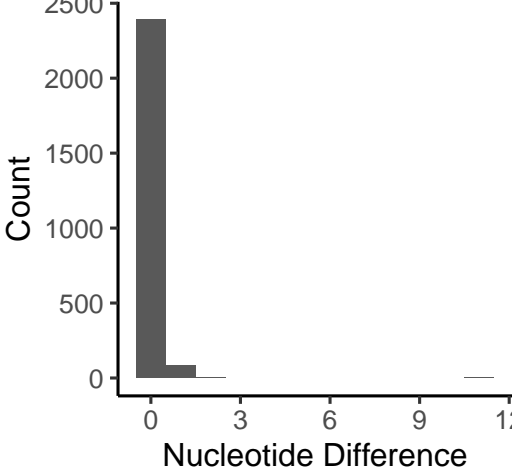
TRBV10-3\*ap01

3402 sequences assigned  
3302 (97.1%) exact matches, in which:  
3270 unique CDR3  
13 unique J



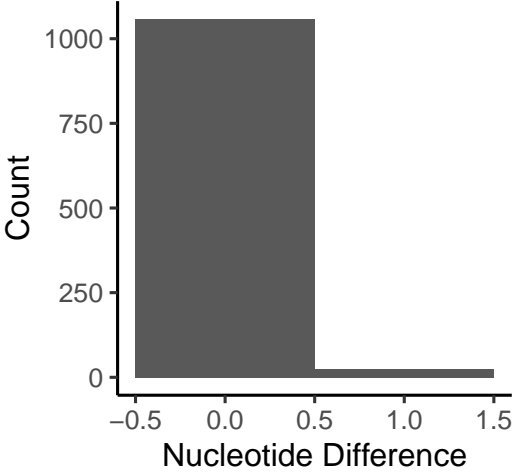
TRBV14\*ap01

2477 sequences assigned  
2390 (96.5%) exact matches, in which:  
2366 unique CDR3  
13 unique J



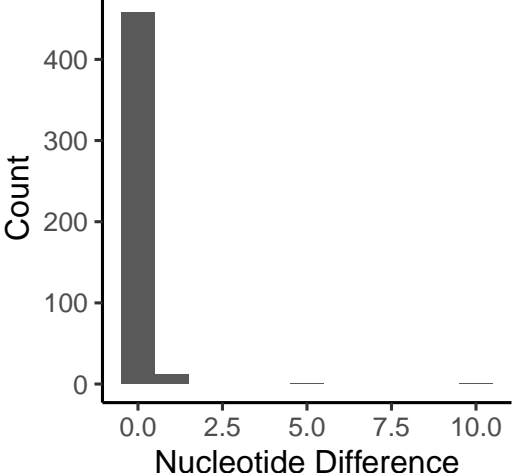
TRBV20-1\*ap02

1082 sequences assigned  
1058 (97.8%) exact matches, in which:  
1050 unique CDR3  
13 unique J



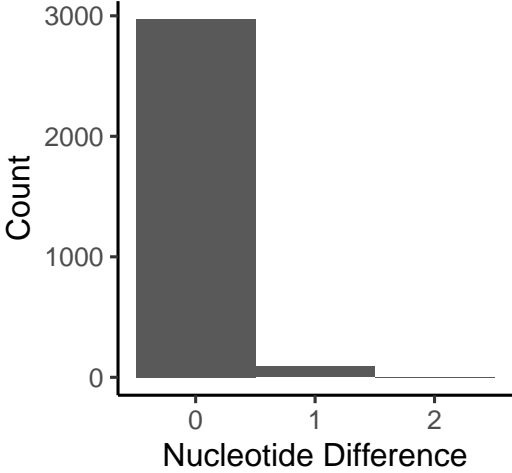
TRBV1\*ap01

472 sequences assigned  
458 (97%) exact matches, in which:  
451 unique CDR3  
13 unique J



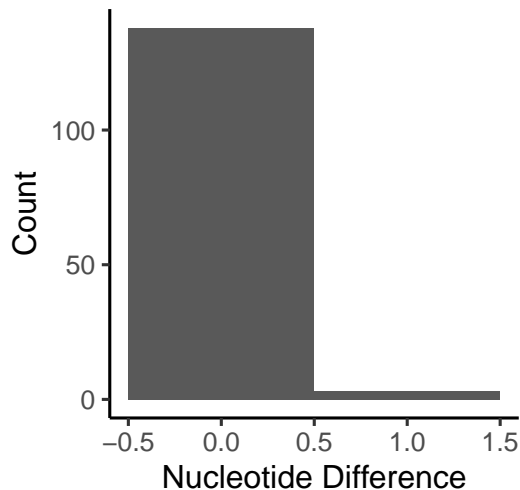
TRBV15\*ap02

3063 sequences assigned  
2973 (97.1%) exact matches, in which:  
2919 unique CDR3  
13 unique J



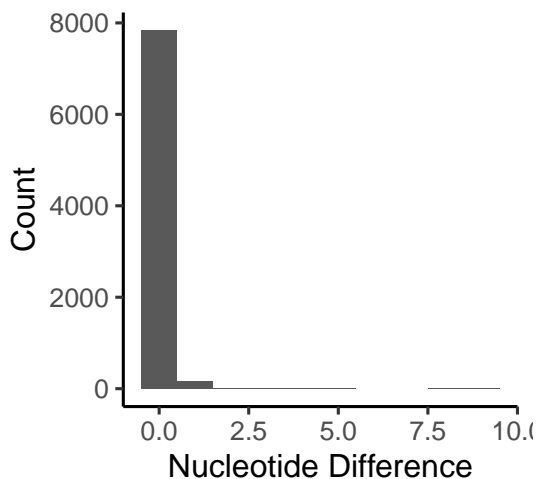
### TRBV16\*ap01

141 sequences assigned  
138 (97.9%) exact matches, in which:  
138 unique CDR3  
11 unique J



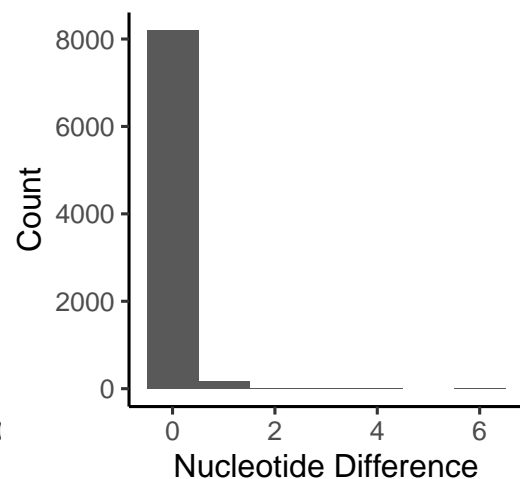
### TRBV19\*ap01

8017 sequences assigned  
7836 (97.7%) exact matches, in which:  
7780 unique CDR3  
13 unique J



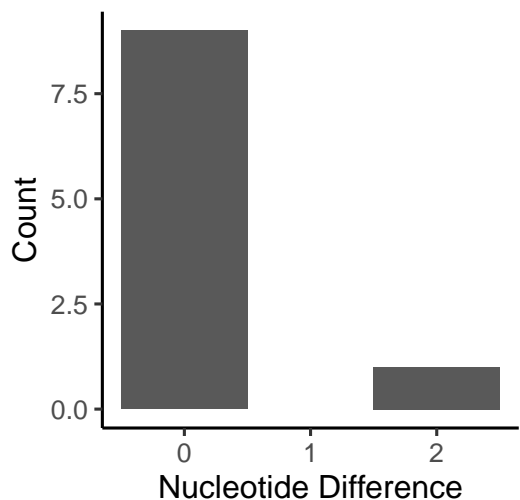
### TRBV28\*ap01

8382 sequences assigned  
8197 (97.8%) exact matches, in which:  
8119 unique CDR3  
13 unique J



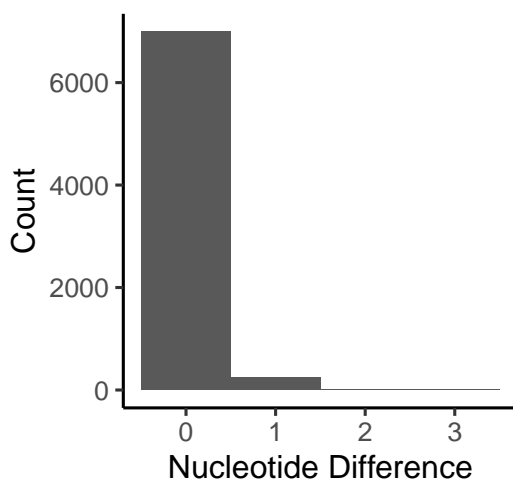
### TRBV17\*ap01

10 sequences assigned  
9 (90%) exact matches, in which:  
9 unique CDR3  
6 unique J



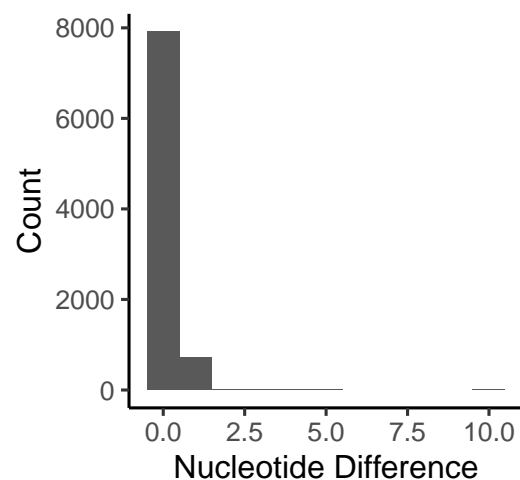
### TRBV2\*ap01

7231 sequences assigned  
6993 (96.7%) exact matches, in which:  
6931 unique CDR3  
13 unique J



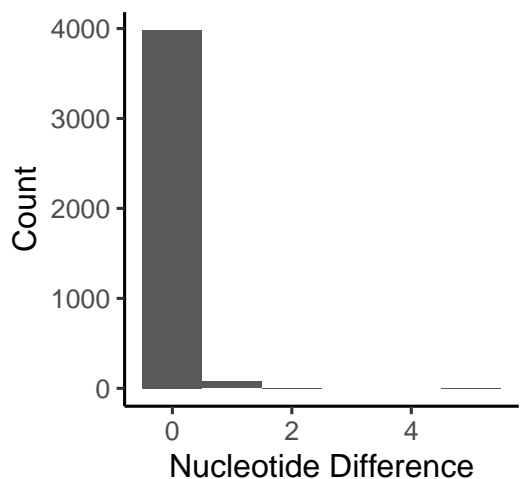
### TRBV30\*ap01

8634 sequences assigned  
7914 (91.7%) exact matches, in which:  
7713 unique CDR3  
13 unique J



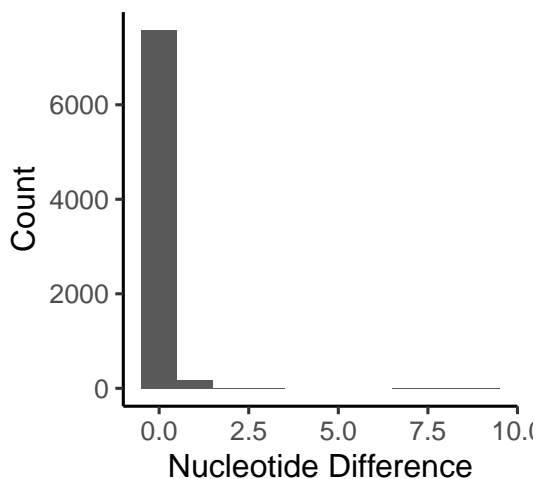
### TRBV18\*ap01

4062 sequences assigned  
3983 (98.1%) exact matches, in which:  
3958 unique CDR3  
13 unique J



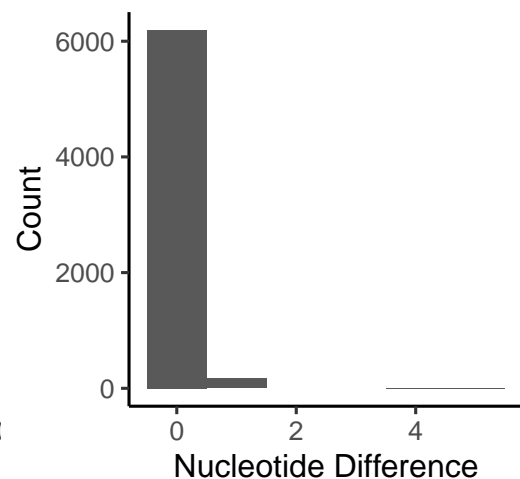
### TRBV27\*ap01

7764 sequences assigned  
7581 (97.6%) exact matches, in which:  
7496 unique CDR3  
13 unique J



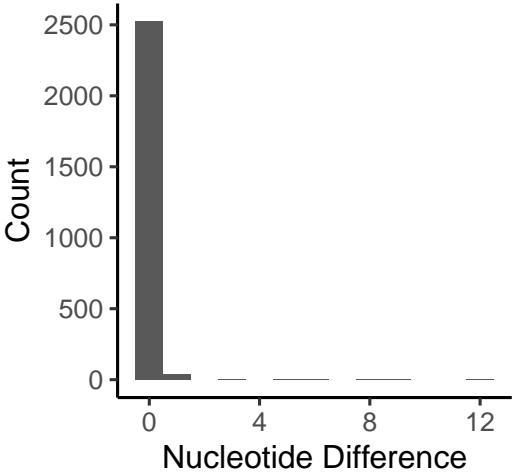
### TRBV9\*ap01

6366 sequences assigned  
6193 (97.3%) exact matches, in which:  
6144 unique CDR3  
13 unique J



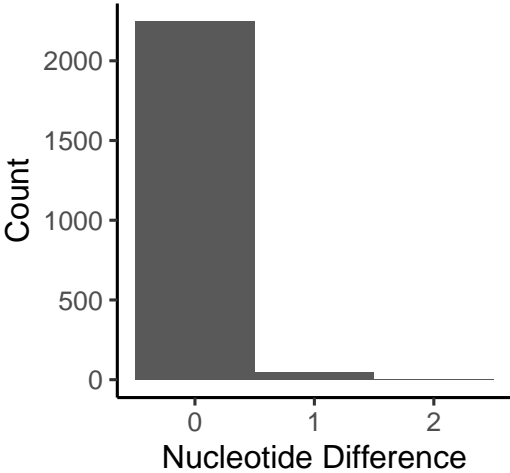
TRBV21-1\*ap01

2579 sequences assigned  
2524 (97.9%) exact matches, in which:  
2506 unique CDR3  
13 unique J



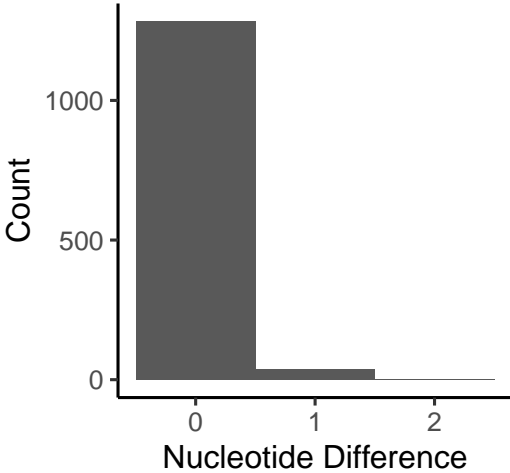
TRBV11-3\*ap01

2296 sequences assigned  
2247 (97.9%) exact matches, in which:  
2234 unique CDR3  
13 unique J



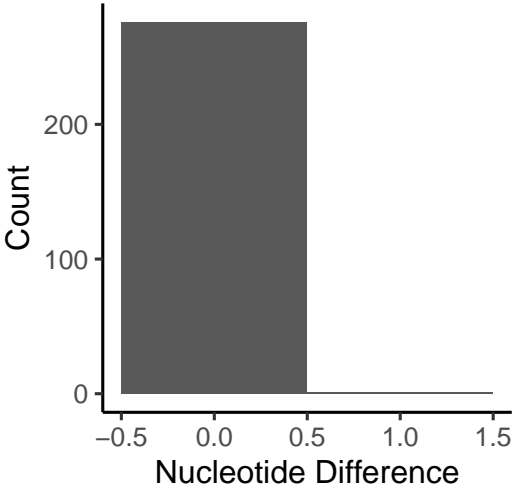
TRBV12-5\*ap01

1323 sequences assigned  
1283 (97%) exact matches, in which:  
1276 unique CDR3  
13 unique J



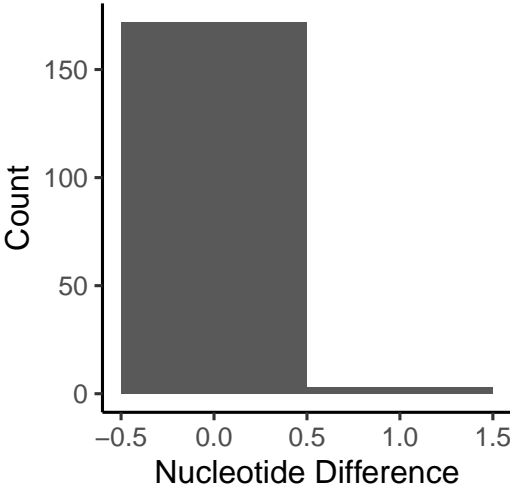
TRBV11-1\*ap01

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



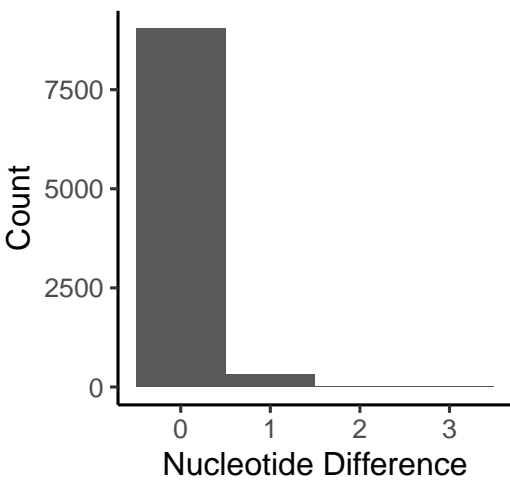
TRBV12-1\*ap01

175 sequences assigned  
172 (98.3%) exact matches, in which:  
170 unique CDR3  
12 unique J



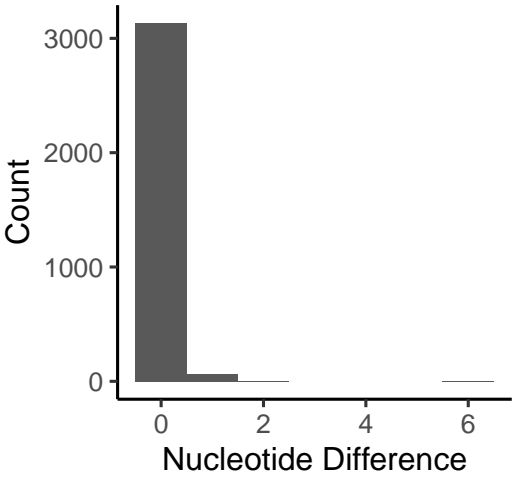
TRBV12-34\*ap01

9362 sequences assigned  
9037 (96.5%) exact matches, in which:  
8957 unique CDR3  
13 unique J



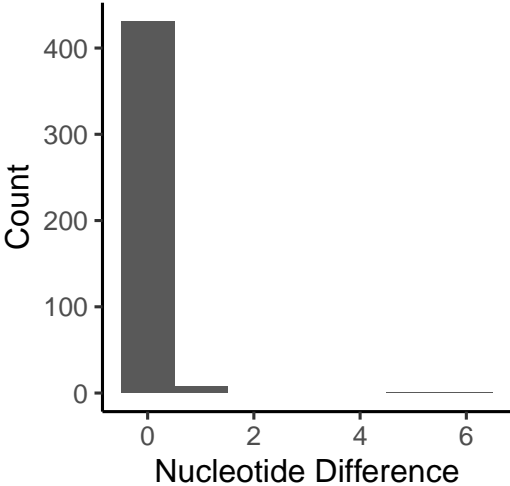
TRBV11-2\*ap01

3203 sequences assigned  
3134 (97.8%) exact matches, in which:  
3122 unique CDR3  
13 unique J



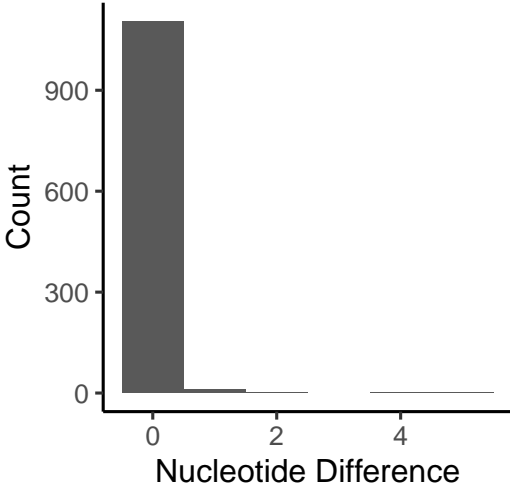
TRBV12-2\*ap01

441 sequences assigned  
431 (97.7%) exact matches, in which:  
427 unique CDR3  
13 unique J



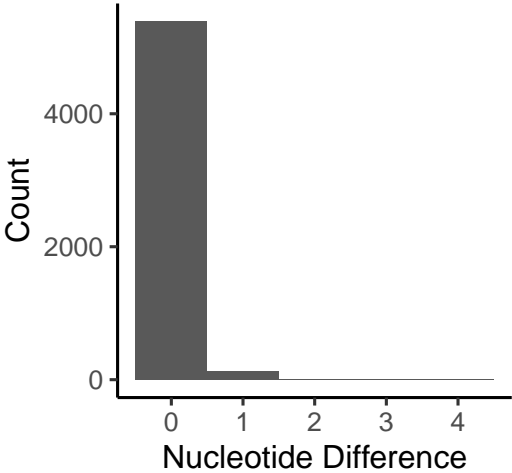
TRBV23-1\*ap01

1120 sequences assigned  
1105 (98.7%) exact matches, in which:  
1100 unique CDR3  
13 unique J



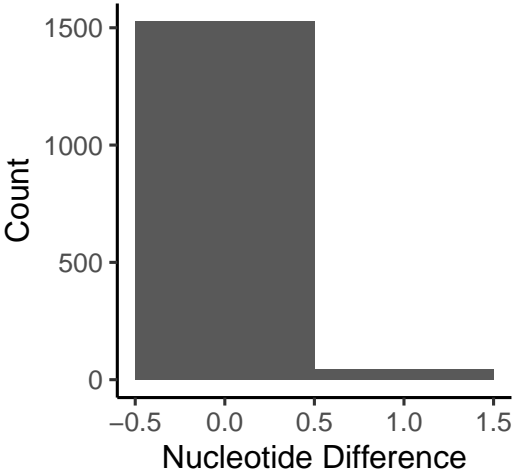
TRBV3-12\*ap01

5525 sequences assigned  
5389 (97.5%) exact matches, in which:  
5350 unique CDR3  
13 unique J



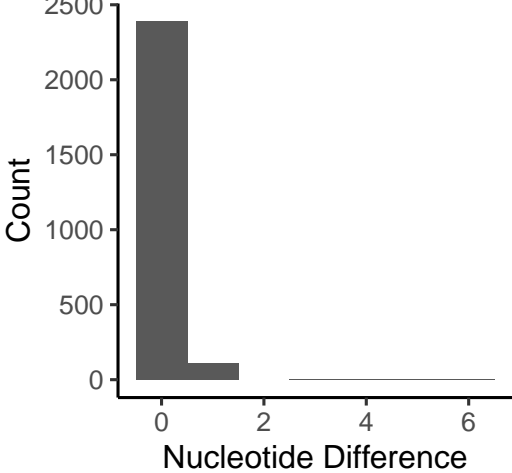
TRBV4-2\*ap01

1572 sequences assigned  
1527 (97.1%) exact matches, in which:  
1490 unique CDR3  
13 unique J



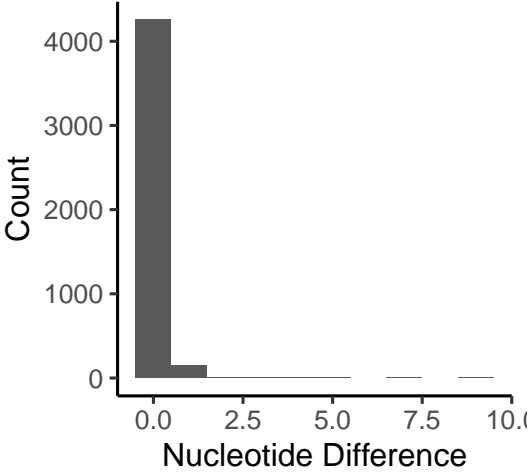
TRBV25-1\*ap01

2502 sequences assigned  
2389 (95.5%) exact matches, in which:  
2329 unique CDR3  
13 unique J



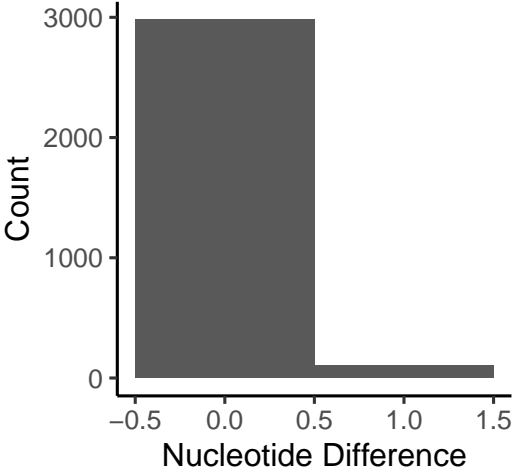
TRBV24-1\*ap01

4412 sequences assigned  
4256 (96.5%) exact matches, in which:  
4193 unique CDR3  
13 unique J



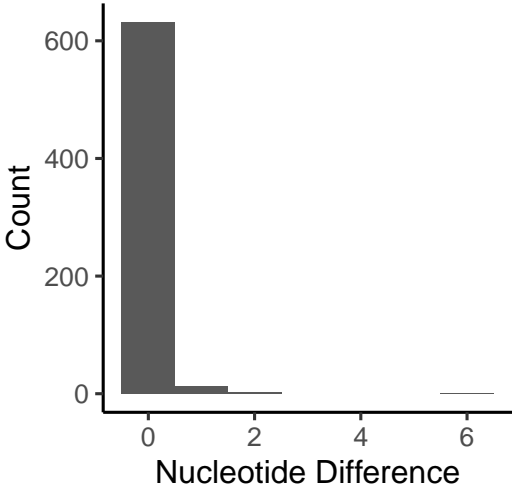
TRBV4-3\*ap01

3086 sequences assigned  
2980 (96.6%) exact matches, in which:  
2941 unique CDR3  
13 unique J



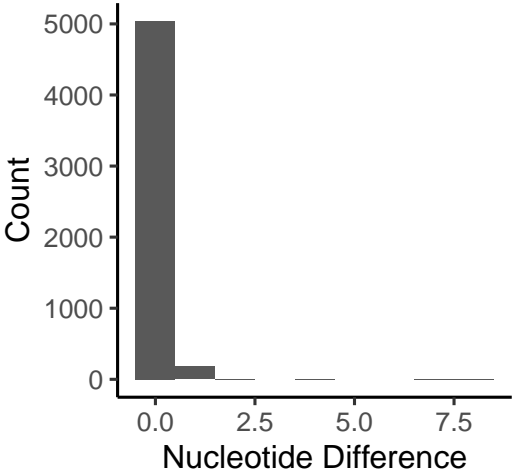
TRBV5-3\*ap01

648 sequences assigned  
632 (97.5%) exact matches, in which:  
621 unique CDR3  
13 unique J



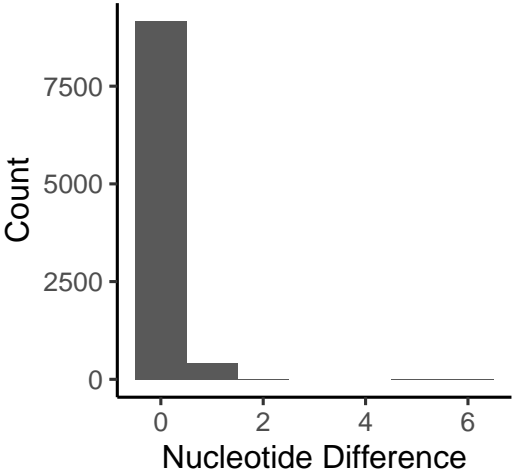
TRBV4-1\*ap01

5225 sequences assigned  
5040 (96.5%) exact matches, in which:  
4963 unique CDR3  
13 unique J



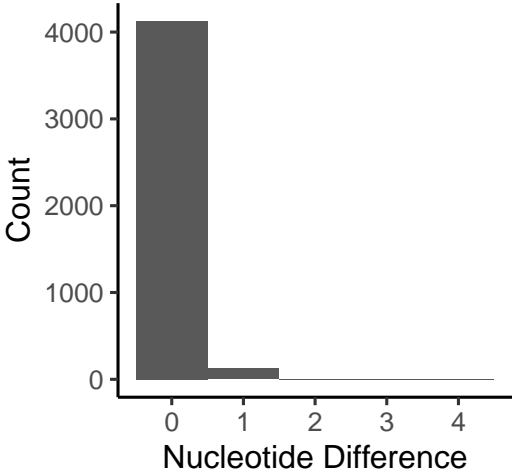
TRBV5-1\*ap01

9584 sequences assigned  
9166 (95.6%) exact matches, in which:  
9021 unique CDR3  
13 unique J



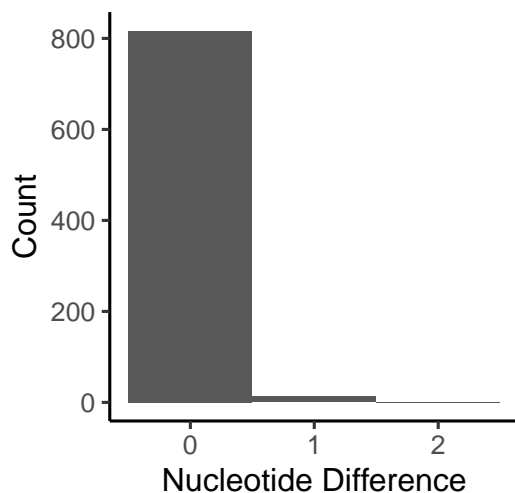
TRBV5-4\*ap01

4255 sequences assigned  
4127 (97%) exact matches, in which:  
4056 unique CDR3  
13 unique J



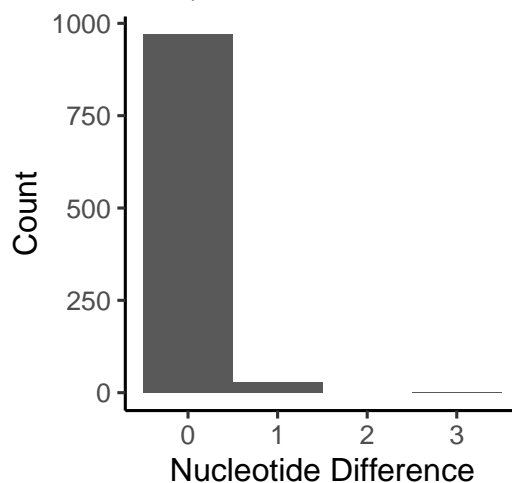
### TRBV5-5\*ap01

831 sequences assigned  
817 (98.3%) exact matches, in which:  
808 unique CDR3  
13 unique J



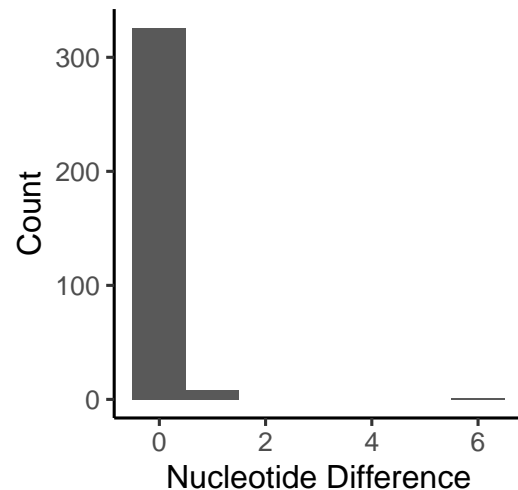
### TRBV5-8\*ap01

1000 sequences assigned  
970 (97%) exact matches, in which:  
966 unique CDR3  
13 unique J



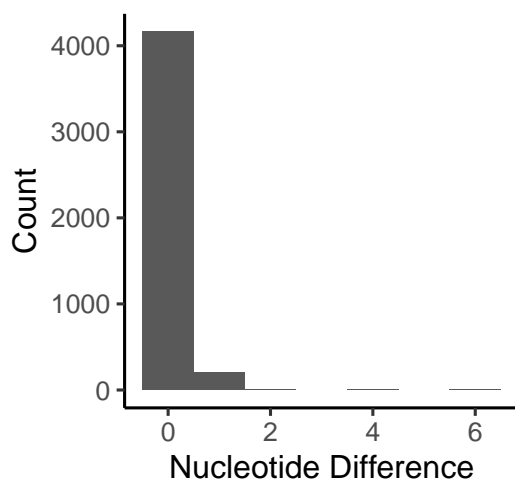
### TRBV6-7\*ap01

335 sequences assigned  
326 (97.3%) exact matches, in which:  
320 unique CDR3  
13 unique J



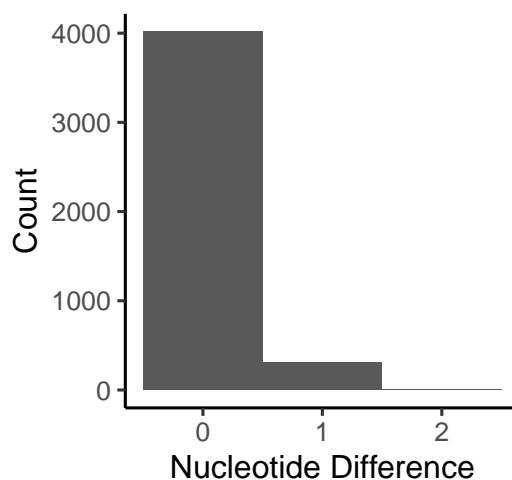
### TRBV5-6\*ap01

4370 sequences assigned  
4163 (95.3%) exact matches, in which:  
4075 unique CDR3  
13 unique J



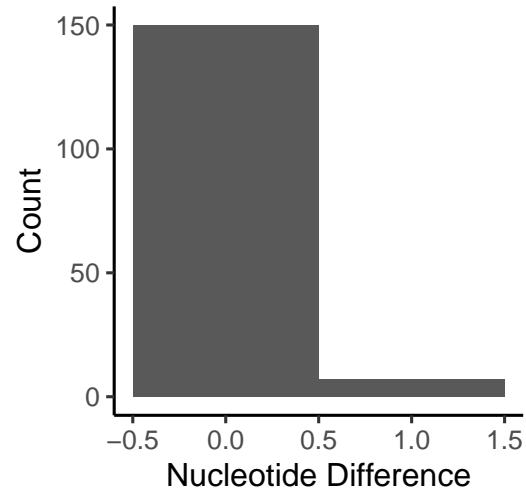
### TRBV6-1\*ap01

4329 sequences assigned  
4016 (92.8%) exact matches, in which:  
3932 unique CDR3  
13 unique J



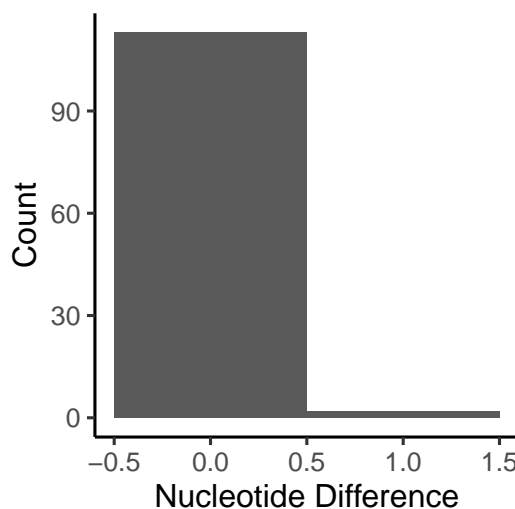
### TRBV6-8\*ap01

157 sequences assigned  
150 (95.5%) exact matches, in which:  
149 unique CDR3  
12 unique J



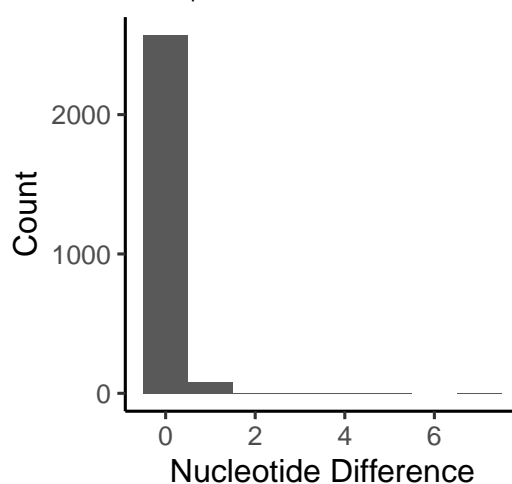
### TRBV5-7\*ap01

115 sequences assigned  
113 (98.3%) exact matches, in which:  
107 unique CDR3  
13 unique J



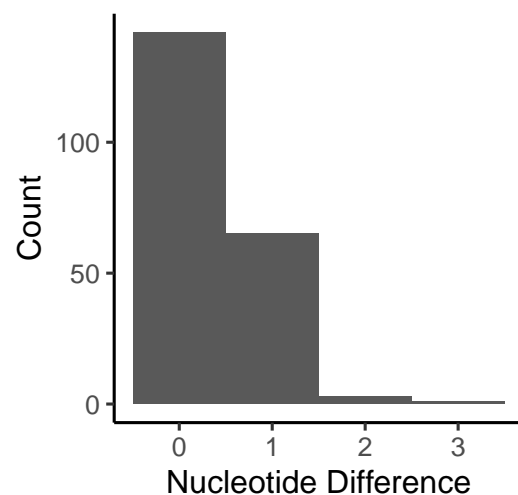
### TRBV6-4\*ap01

2663 sequences assigned  
2571 (96.5%) exact matches, in which:  
2531 unique CDR3  
13 unique J



### TRBV6-9\*ap01

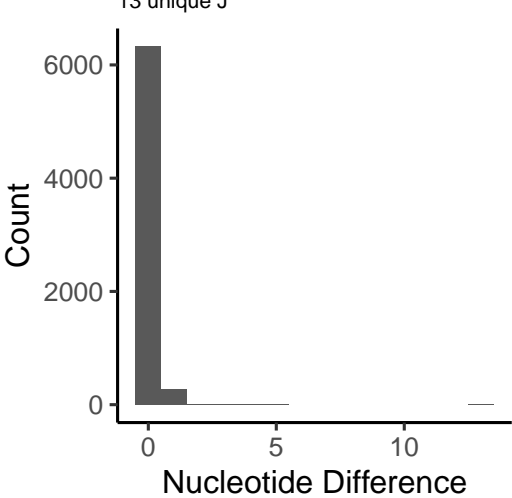
211 sequences assigned  
142 (67.3%) exact matches, in which:  
141 unique CDR3  
13 unique J





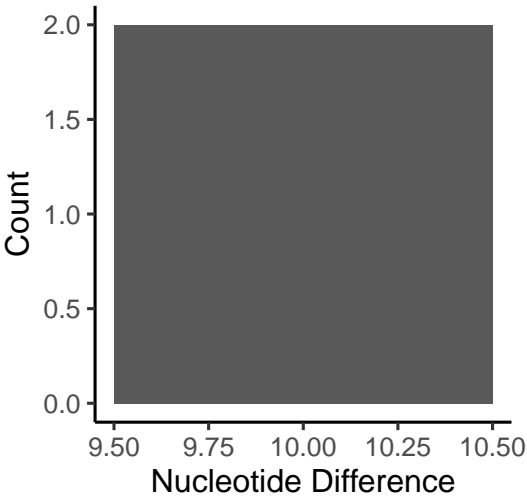
TRBV6-23\*ap01

6599 sequences assigned  
6327 (95.9%) exact matches, in which:  
6202 unique CDR3  
13 unique J



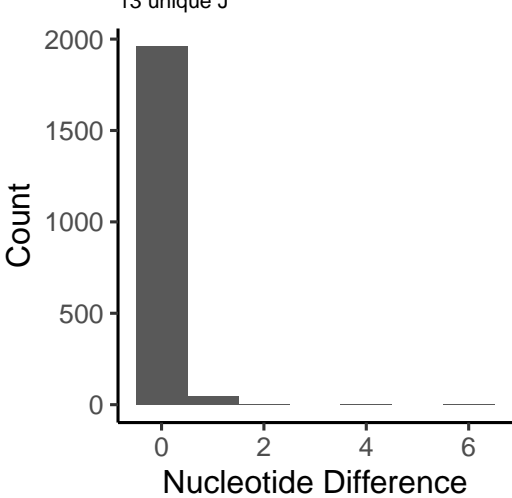
TRBV7-1\*ap01

2 sequences assigned  
No exact matches.



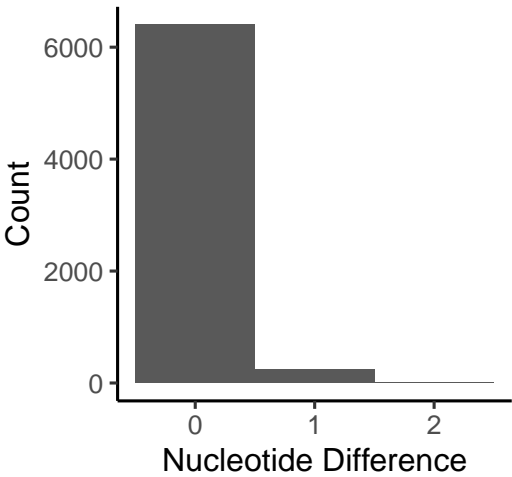
TRBV7-3\*ap01

2012 sequences assigned  
1960 (97.4%) exact matches, in which:  
1950 unique CDR3  
13 unique J



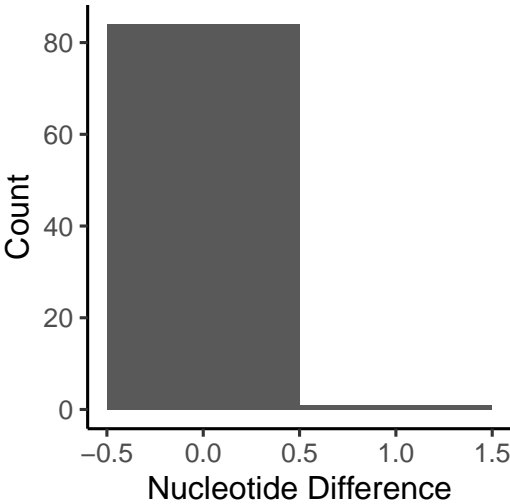
TRBV6-56\*ap01

6643 sequences assigned  
6401 (96.4%) exact matches, in which:  
6275 unique CDR3  
13 unique J



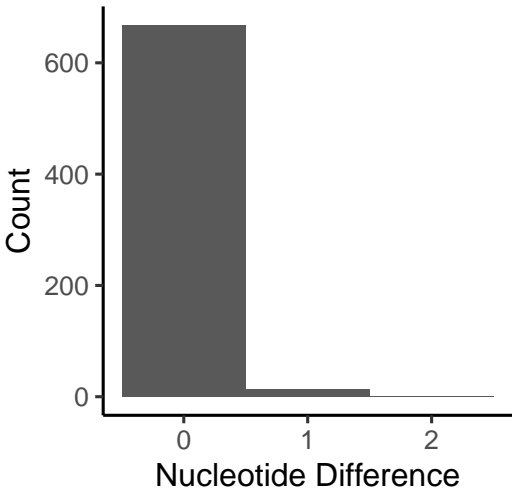
TRBV7-1\*ap01\_G291C\_T

85 sequences assigned  
84 (98.8%) exact matches, in which:  
79 unique CDR3  
11 unique J



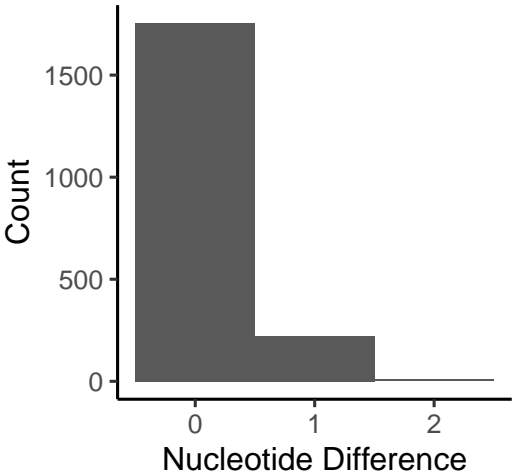
TRBV7-3\*ap02

682 sequences assigned  
668 (97.9%) exact matches, in which:  
664 unique CDR3  
13 unique J



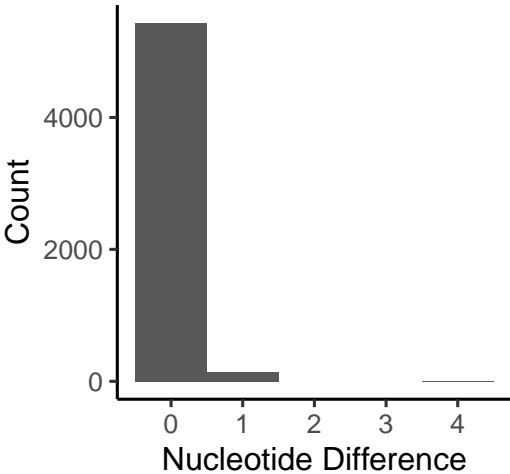
TRBV6-56\*ap02

1986 sequences assigned  
1755 (88.4%) exact matches, in which:  
1733 unique CDR3  
13 unique J



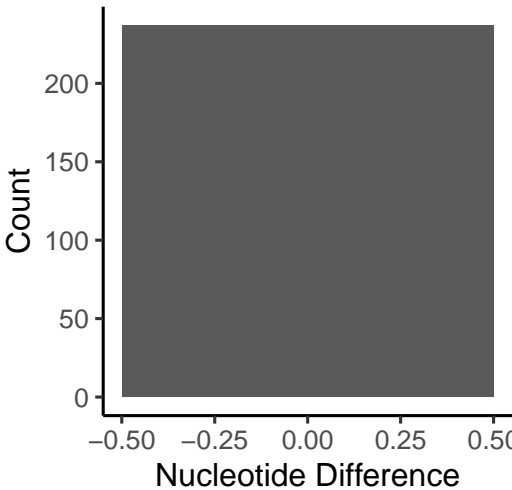
TRBV7-2\*ap01

5573 sequences assigned  
5431 (97.5%) exact matches, in which:  
5378 unique CDR3  
13 unique J



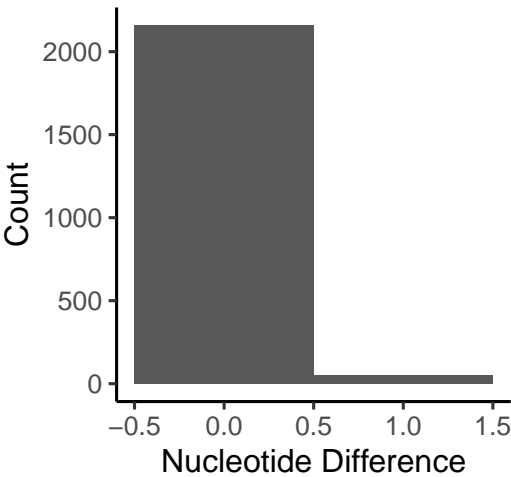
TRBV7-4\*ap01

237 sequences assigned  
237 (100%) exact matches, in which:  
232 unique CDR3  
13 unique J



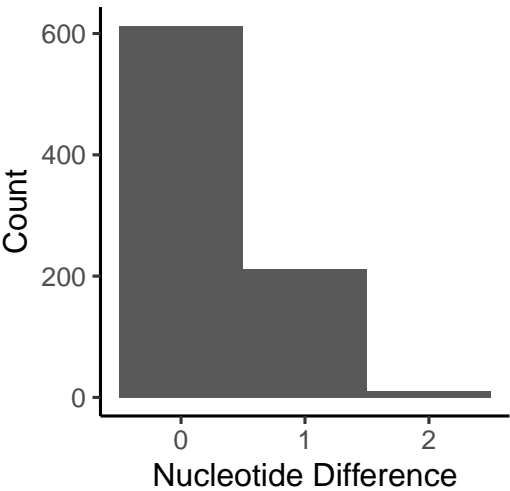
TRBV7-6\*ap01

2209 sequences assigned  
2158 (97.7%) exact matches, in which:  
2137 unique CDR3  
13 unique J



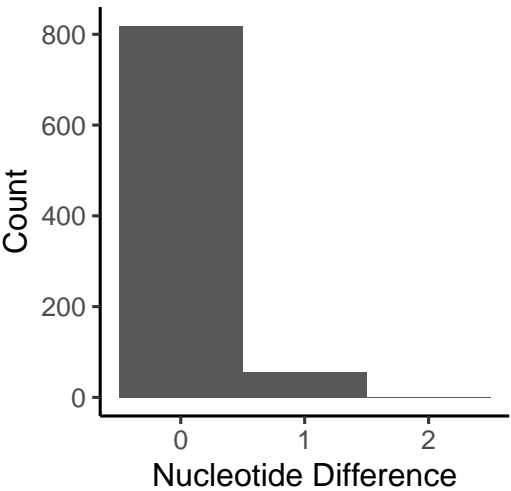
TRBV7-8\*ap03

835 sequences assigned  
613 (73.4%) exact matches, in which:  
606 unique CDR3  
13 unique J



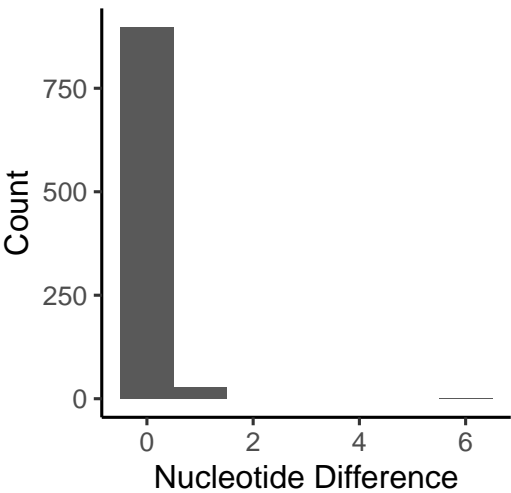
TRBV29-1\*ap02

876 sequences assigned  
819 (93.5%) exact matches, in which:  
806 unique CDR3  
13 unique J



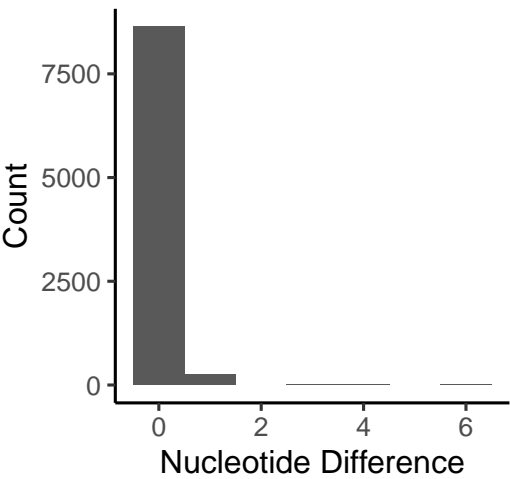
TRBV7-7\*ap01\_C315T

928 sequences assigned  
898 (96.8%) exact matches, in which:  
886 unique CDR3  
13 unique J



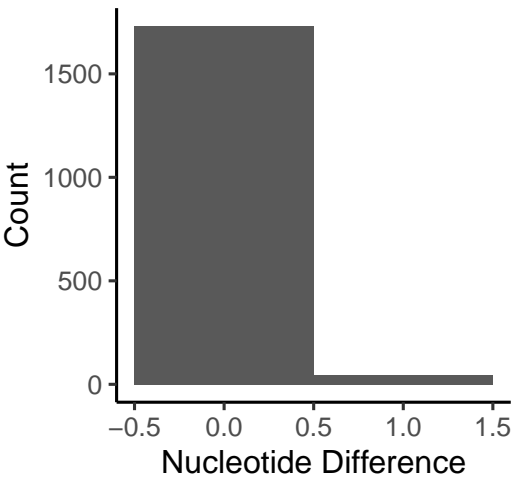
TRBV7-9\*ap01

8906 sequences assigned  
8636 (97%) exact matches, in which:  
8556 unique CDR3  
13 unique J



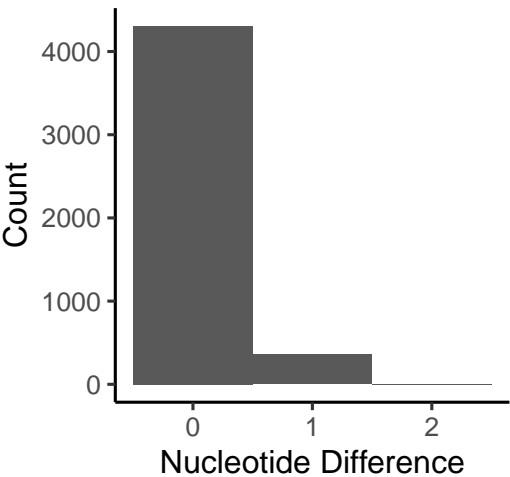
TRBV7-8\*ap01

1777 sequences assigned  
1731 (97.4%) exact matches, in which:  
1710 unique CDR3  
13 unique J

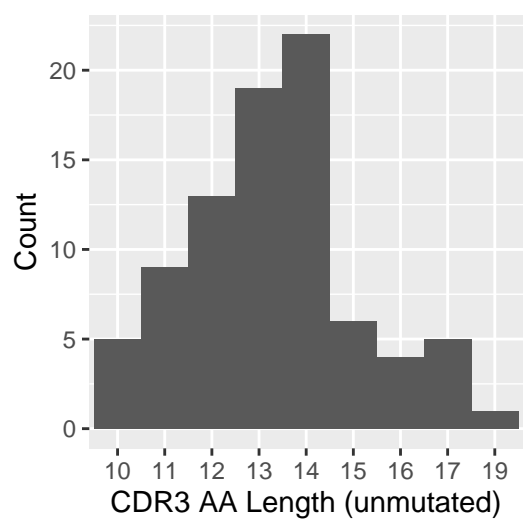


TRBV29-1\*ap01

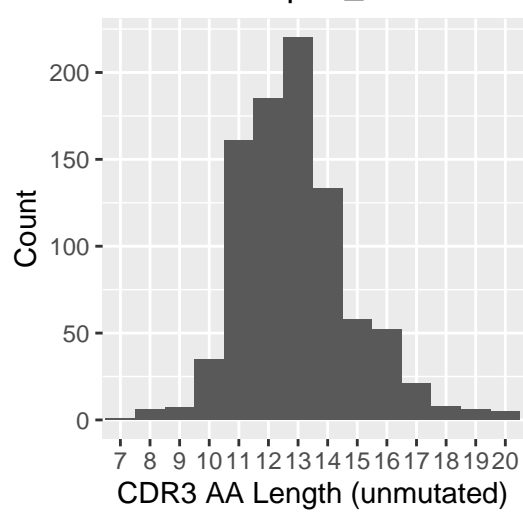
4666 sequences assigned  
4306 (92.3%) exact matches, in which:  
4222 unique CDR3  
13 unique J



TRBV7-1\*ap01\_G291C\_T296C



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.