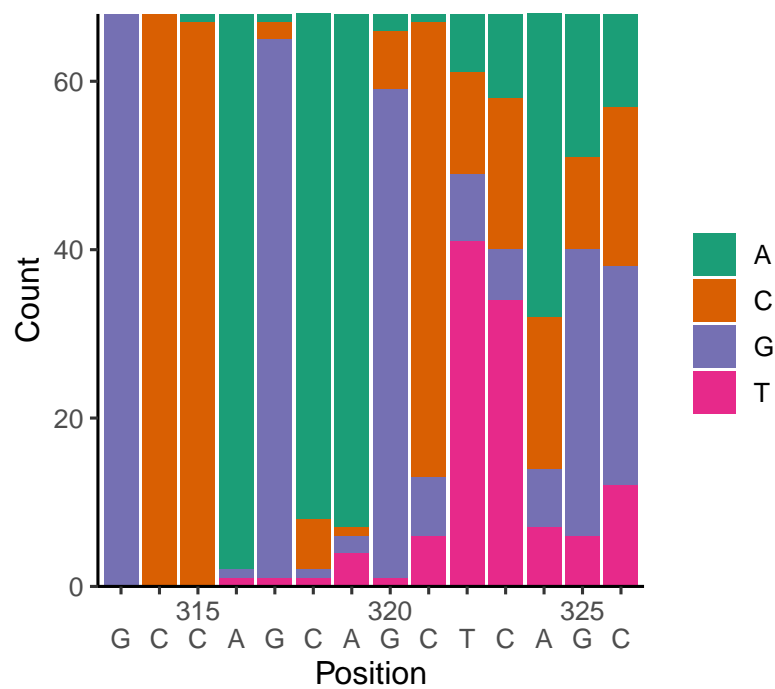
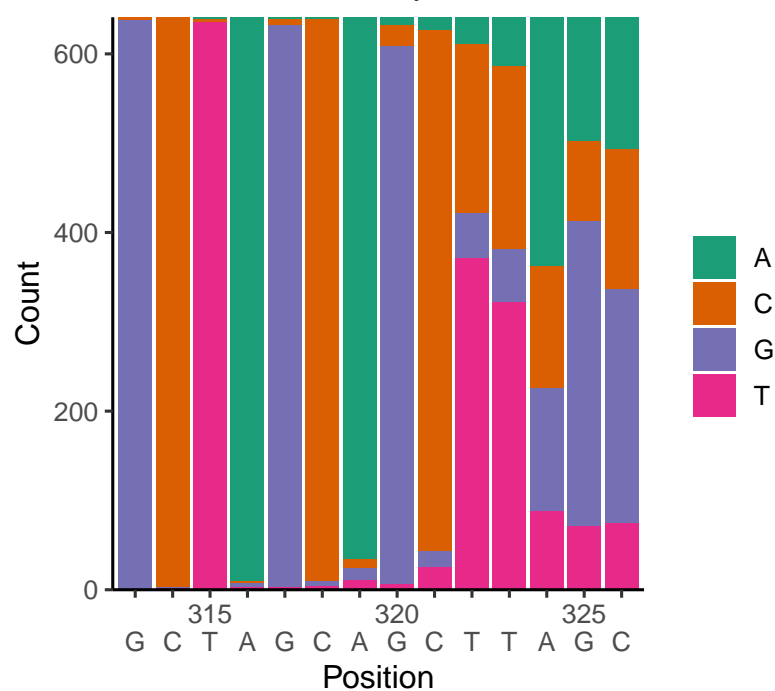


Gene TRBV7-1\*ap01\_G291C\_T296C



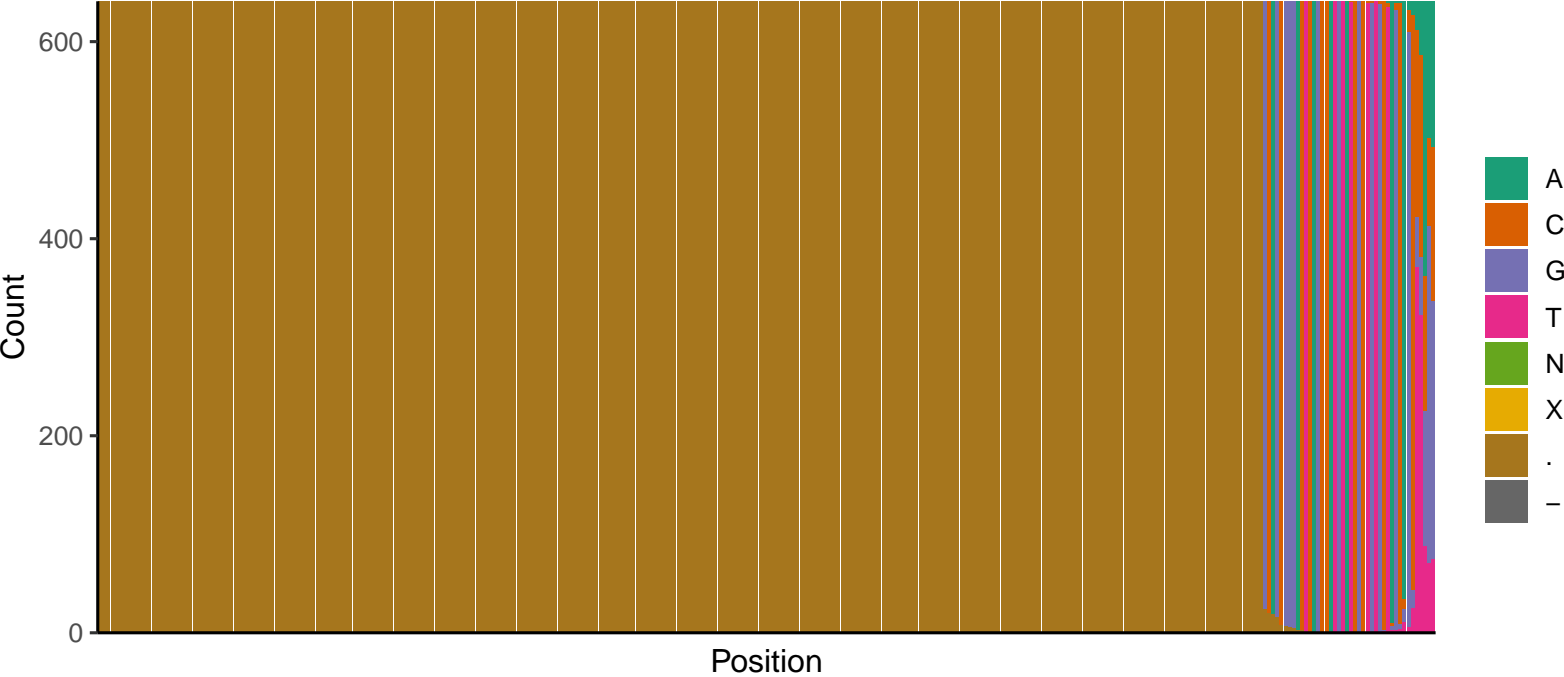
Gene TRBV7-7\*ap01\_C315T



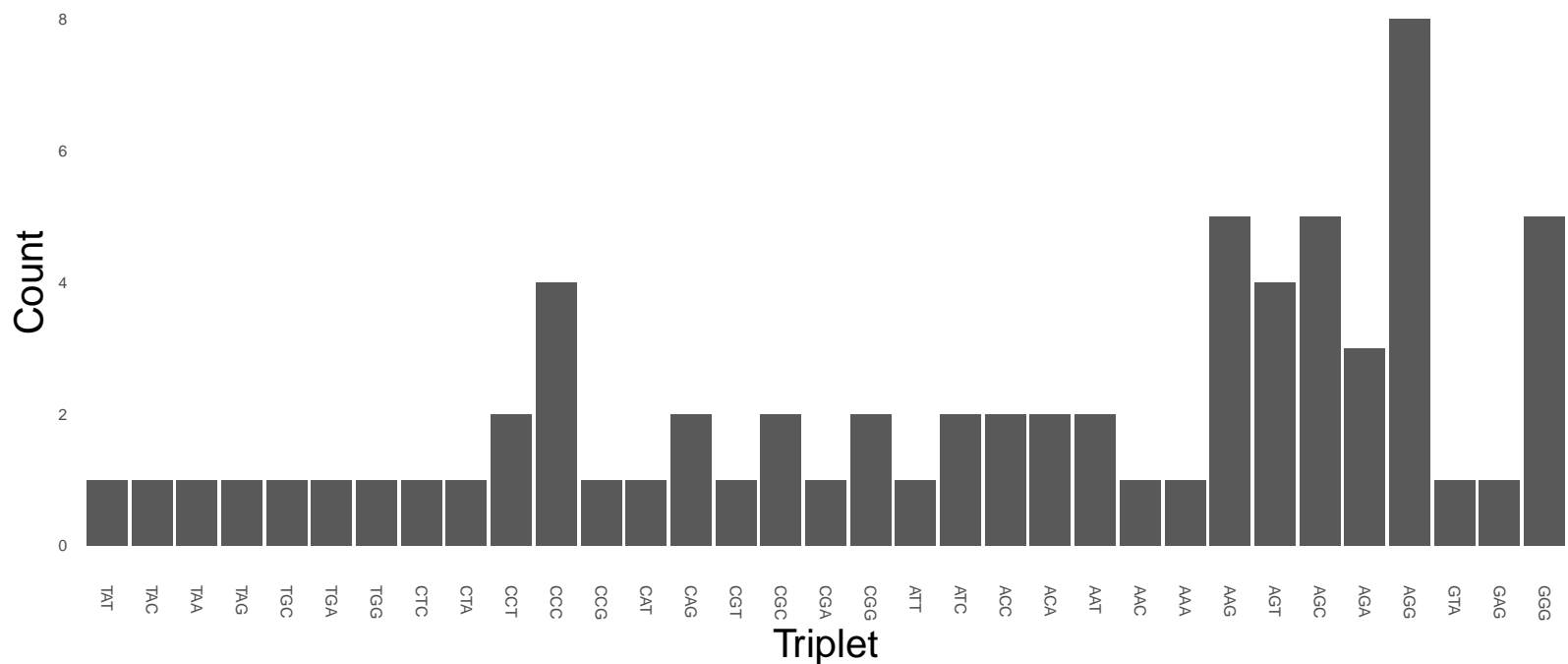
Gene TRBV7-1\*ap01\_G291C\_T296C



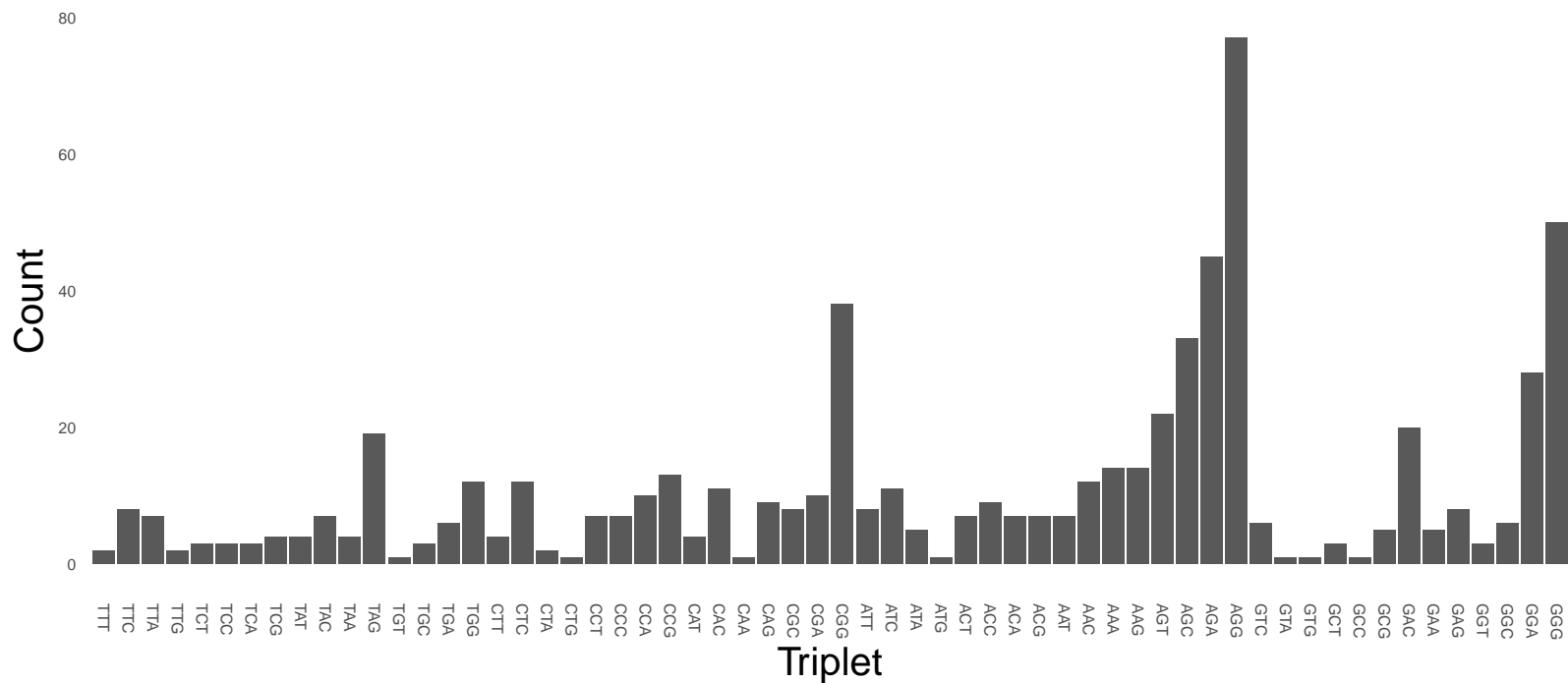
Gene TRBV7-7\*ap01\_C315T



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

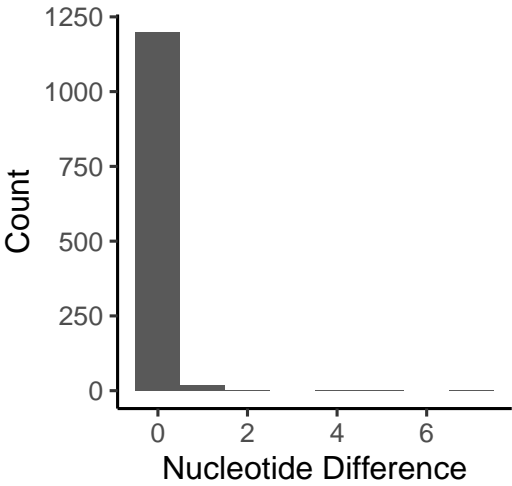


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



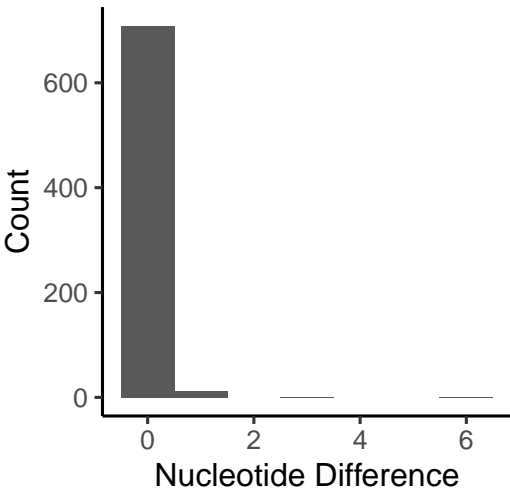
TRBV10-1\*ap01

1220 sequences assigned  
1198 (98.2%) exact matches, in which:  
1187 unique CDR3  
13 unique J



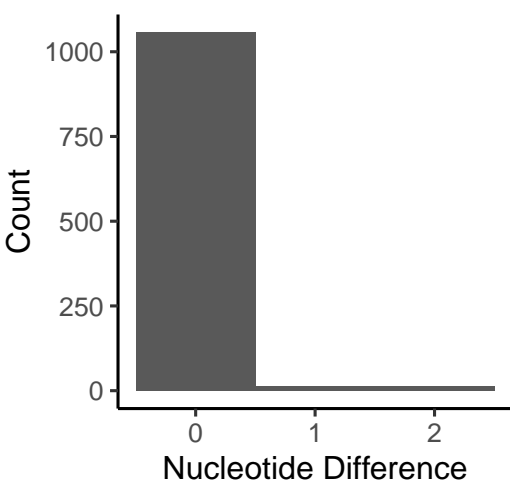
TRBV10-2\*ap01

723 sequences assigned  
709 (98.1%) exact matches, in which:  
698 unique CDR3  
13 unique J



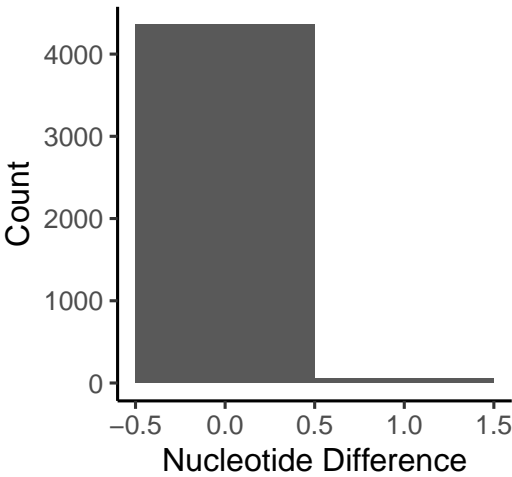
TRBV13\*ap01

1082 sequences assigned  
1057 (97.7%) exact matches, in which:  
1045 unique CDR3  
13 unique J



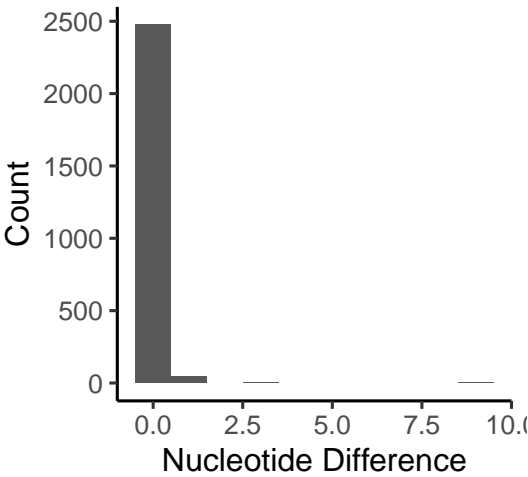
TRBV20-1\*ap01

4406 sequences assigned  
4357 (98.9%) exact matches, in which:  
4302 unique CDR3  
13 unique J



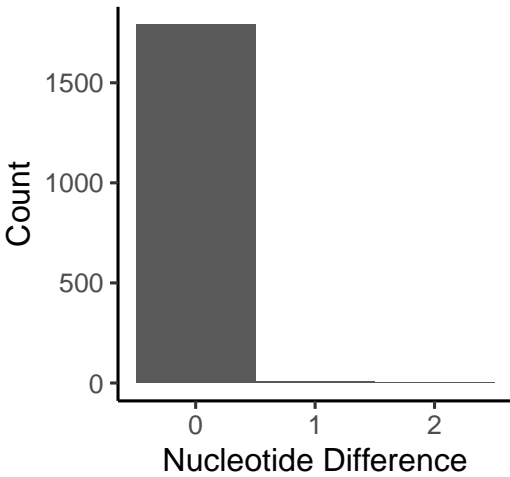
TRBV10-3\*ap01

2520 sequences assigned  
2476 (98.3%) exact matches, in which:  
2432 unique CDR3  
13 unique J



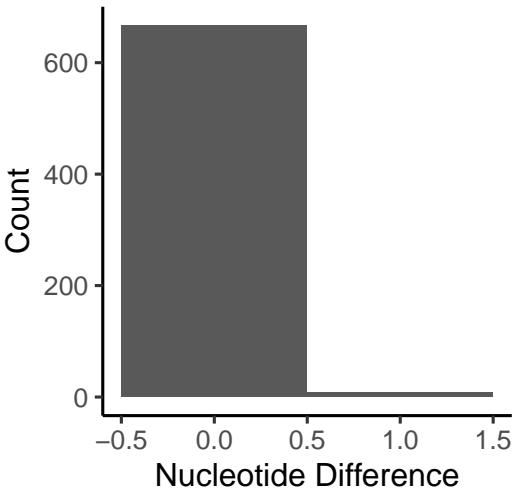
TRBV14\*ap01

1802 sequences assigned  
1790 (99.3%) exact matches, in which:  
1765 unique CDR3  
13 unique J



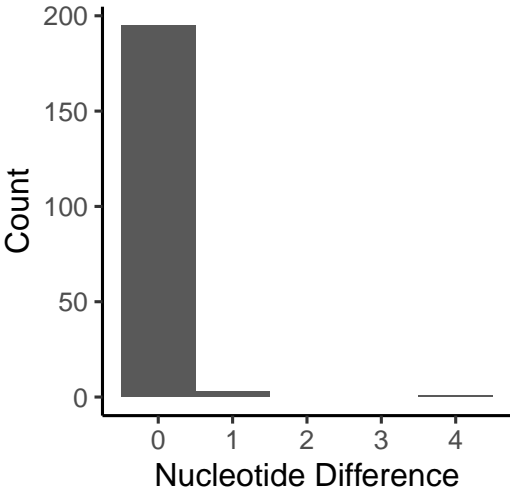
TRBV20-1\*ap02

675 sequences assigned  
667 (98.8%) exact matches, in which:  
658 unique CDR3  
13 unique J



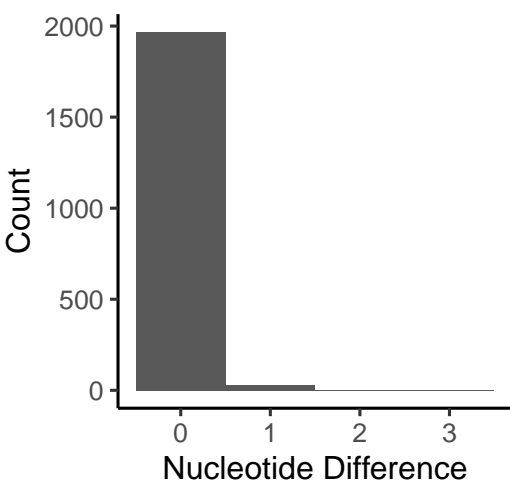
TRBV1\*ap01

199 sequences assigned  
195 (98%) exact matches, in which:  
189 unique CDR3  
13 unique J



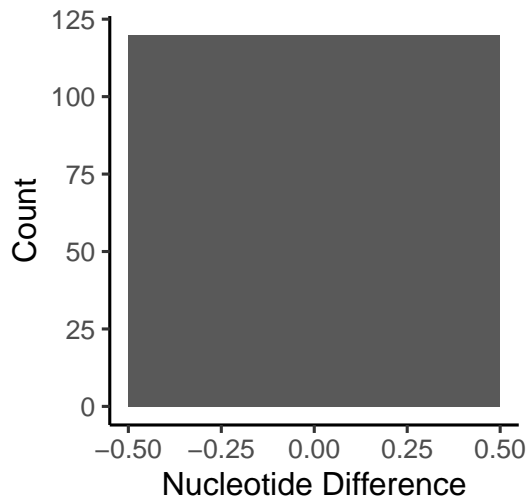
TRBV15\*ap02

1999 sequences assigned  
1967 (98.4%) exact matches, in which:  
1925 unique CDR3  
13 unique J



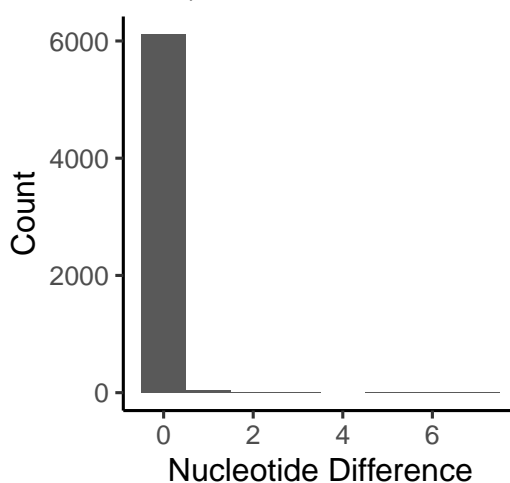
### TRBV16\*ap01

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



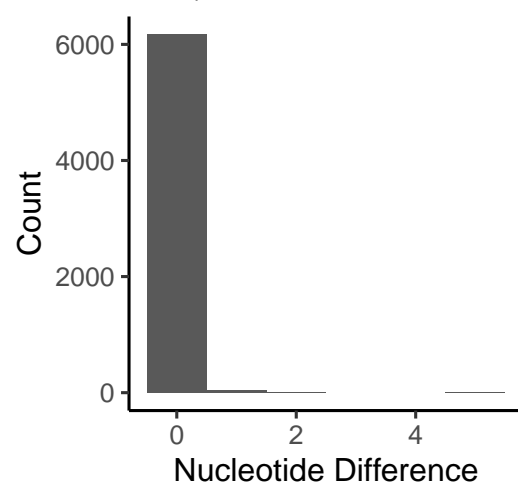
### TRBV19\*ap01

6156 sequences assigned  
6112 (99.3%) exact matches, in which:  
6054 unique CDR3  
13 unique J



### TRBV28\*ap01

6220 sequences assigned  
6172 (99.2%) exact matches, in which:  
6068 unique CDR3  
13 unique J



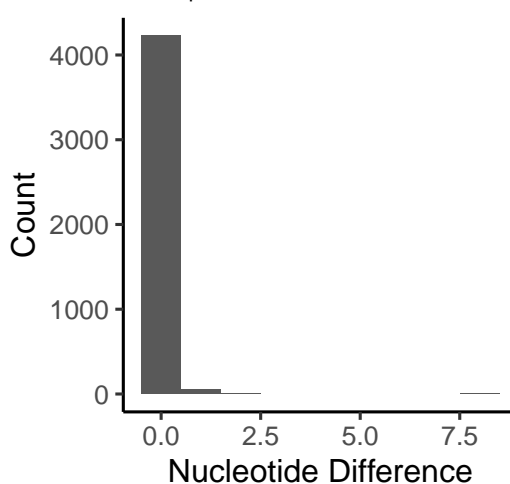
### TRBV17\*ap01

1 sequences assigned  
No exact matches.



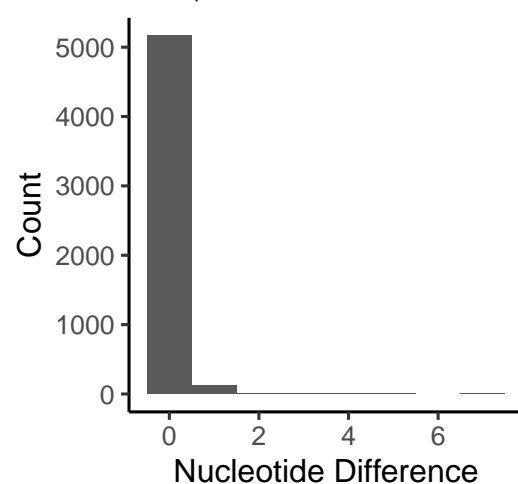
### TRBV2\*ap01

4285 sequences assigned  
4227 (98.6%) exact matches, in which:  
4161 unique CDR3  
13 unique J



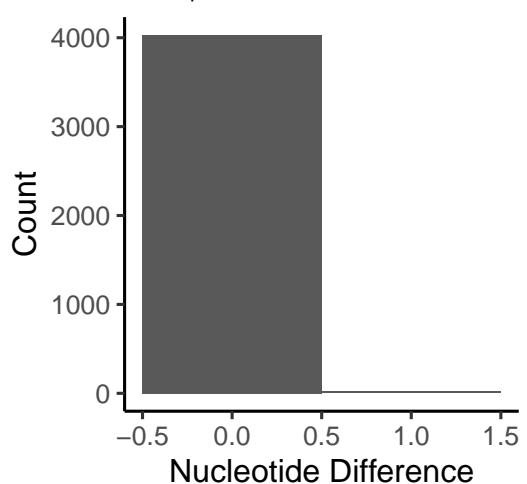
### TRBV30\*ap01

5292 sequences assigned  
5165 (97.6%) exact matches, in which:  
5006 unique CDR3  
13 unique J



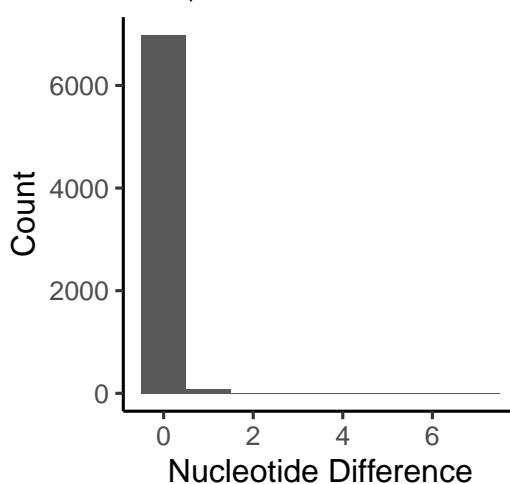
### TRBV18\*ap01

4051 sequences assigned  
4030 (99.5%) exact matches, in which:  
3994 unique CDR3  
13 unique J



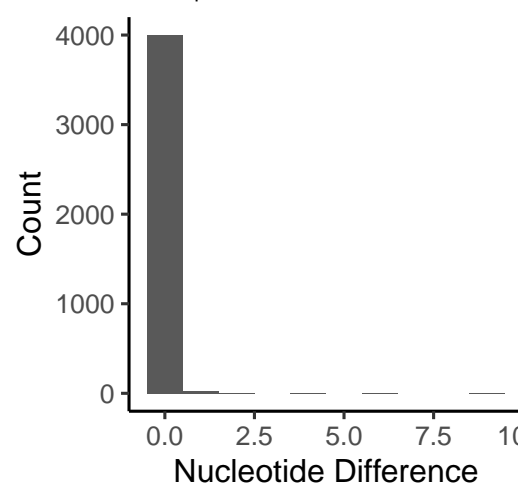
### TRBV27\*ap01

7079 sequences assigned  
6982 (98.6%) exact matches, in which:  
6853 unique CDR3  
13 unique J



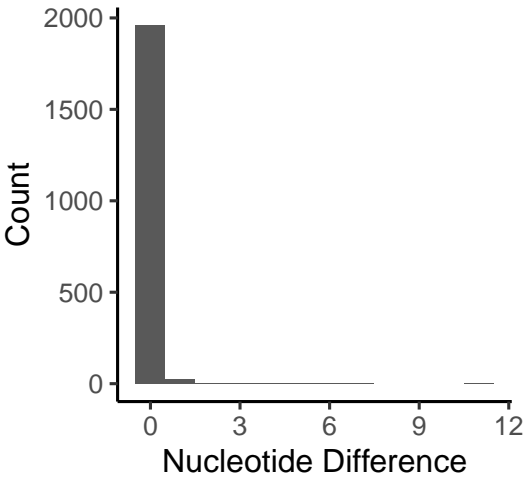
### TRBV9\*ap01

4036 sequences assigned  
4000 (99.1%) exact matches, in which:  
3946 unique CDR3  
13 unique J



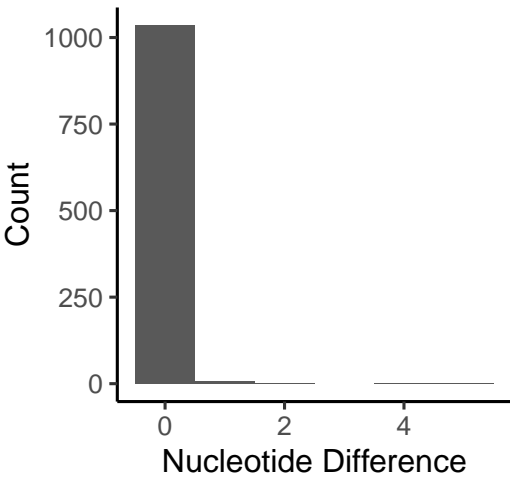
TRBV21-1\*ap01

1996 sequences assigned  
1959 (98.1%) exact matches, in which:  
1944 unique CDR3  
13 unique J



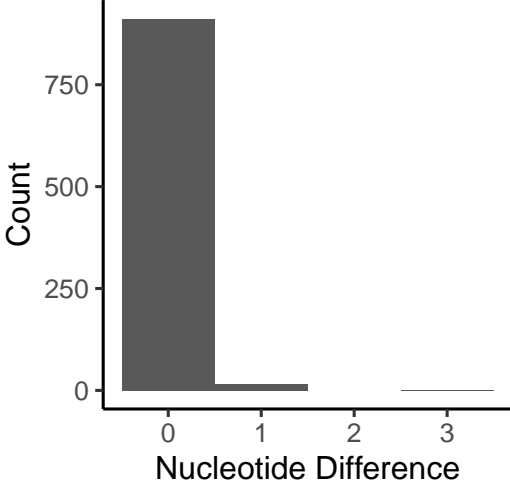
TRBV11-3\*ap01

1044 sequences assigned  
1035 (99.1%) exact matches, in which:  
1025 unique CDR3  
13 unique J



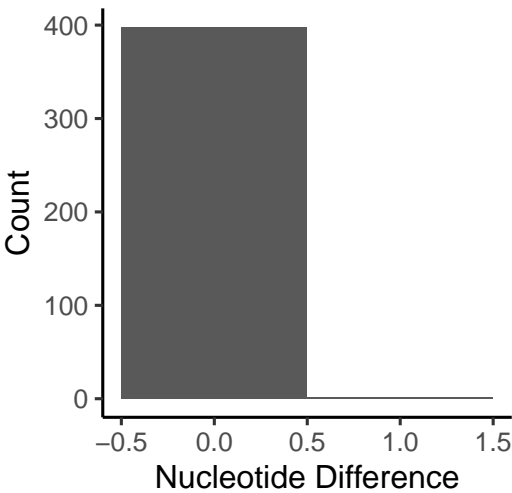
TRBV12-5\*ap01

928 sequences assigned  
912 (98.3%) exact matches, in which:  
897 unique CDR3  
13 unique J



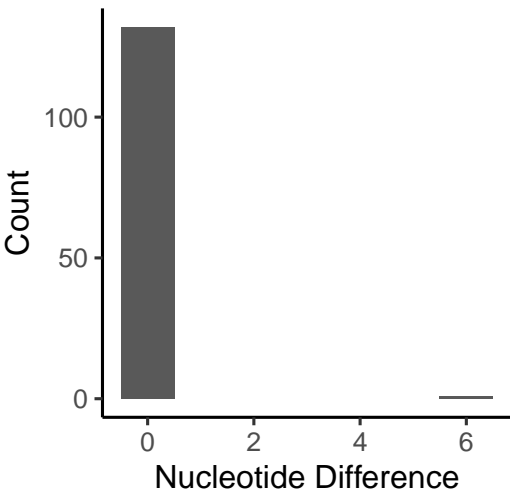
TRBV11-1\*ap01

400 sequences assigned  
398 (99.5%) exact matches, in which:  
398 unique CDR3  
13 unique J



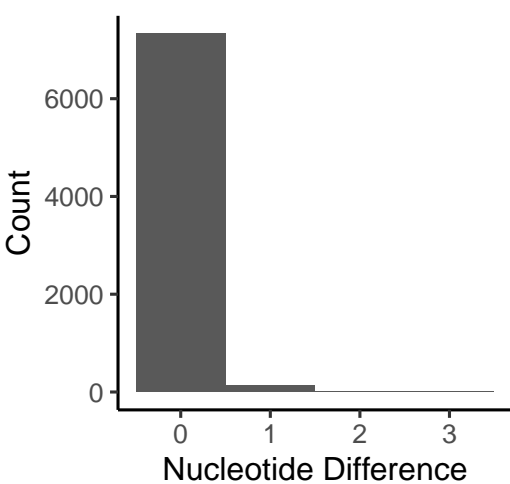
TRBV12-1\*ap01

133 sequences assigned  
132 (99.2%) exact matches, in which:  
130 unique CDR3  
12 unique J



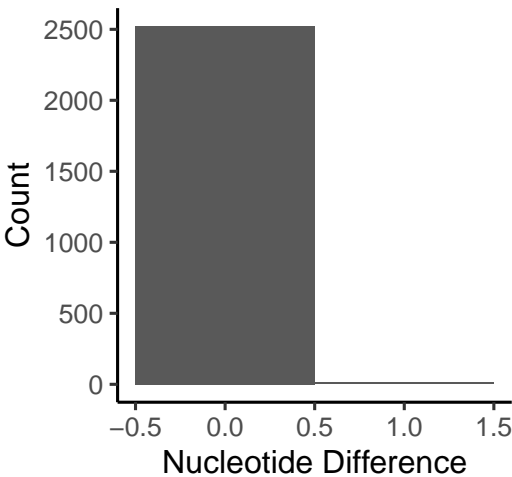
TRBV12-34\*ap01

7461 sequences assigned  
7329 (98.2%) exact matches, in which:  
7184 unique CDR3  
13 unique J



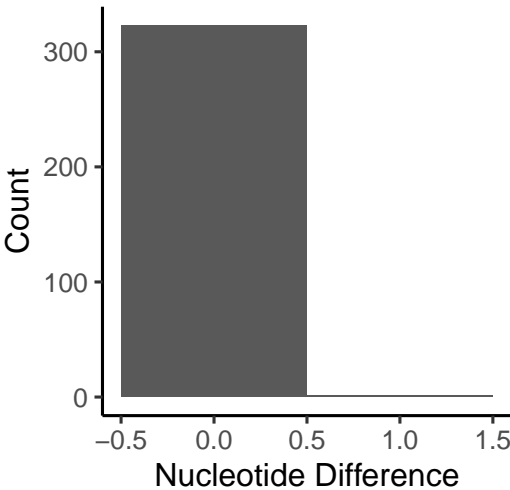
TRBV11-2\*ap01

2535 sequences assigned  
2523 (99.5%) exact matches, in which:  
2495 unique CDR3  
13 unique J



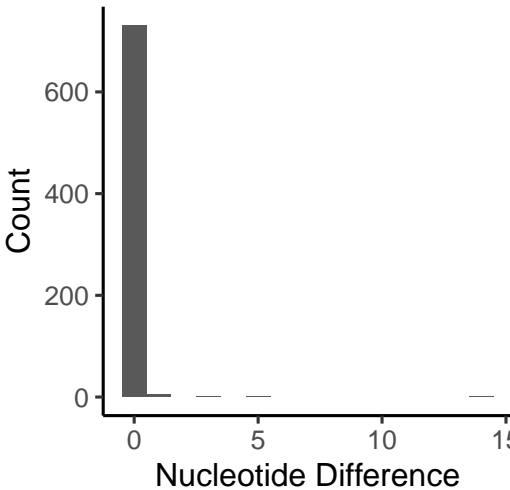
TRBV12-2\*ap01

324 sequences assigned  
323 (99.7%) exact matches, in which:  
317 unique CDR3  
13 unique J



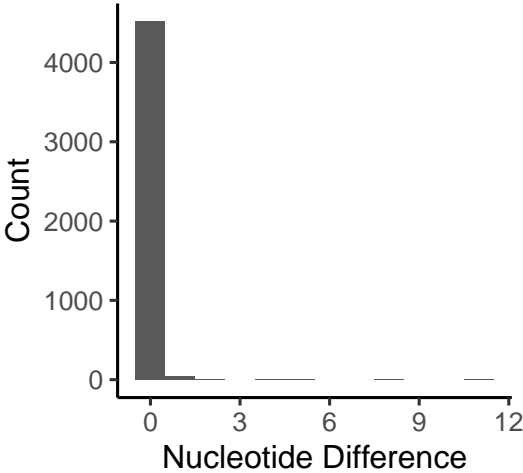
TRBV23-1\*ap01

739 sequences assigned  
731 (98.9%) exact matches, in which:  
720 unique CDR3  
13 unique J



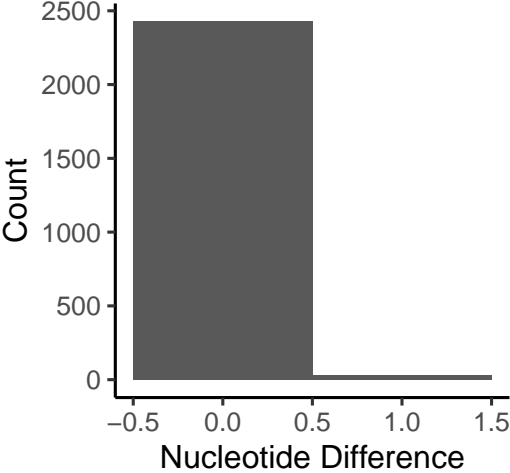
TRBV3-12\*ap01

4570 sequences assigned  
4518 (98.9%) exact matches, in which:  
4474 unique CDR3  
13 unique J



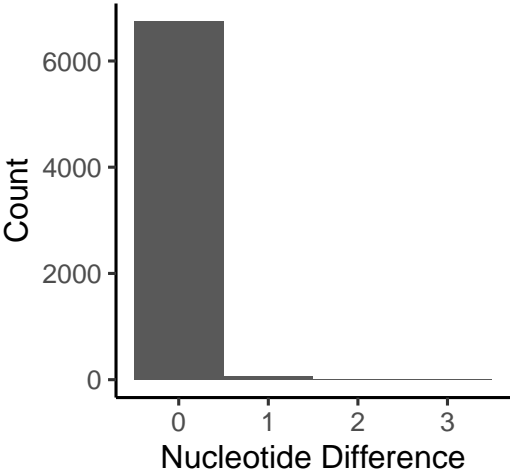
TRBV4-2\*ap01

2457 sequences assigned  
2428 (98.8%) exact matches, in which:  
2375 unique CDR3  
13 unique J



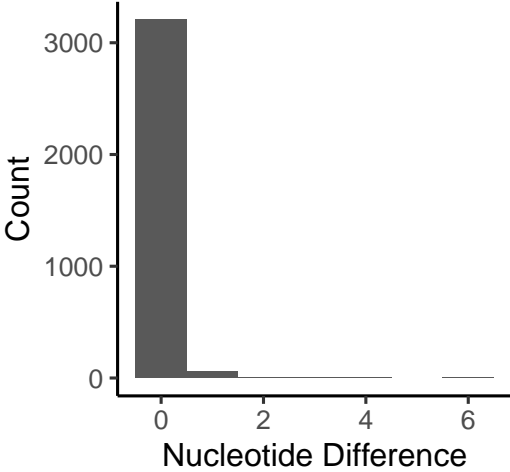
TRBV5-1\*ap01

6815 sequences assigned  
6745 (99%) exact matches, in which:  
6559 unique CDR3  
13 unique J



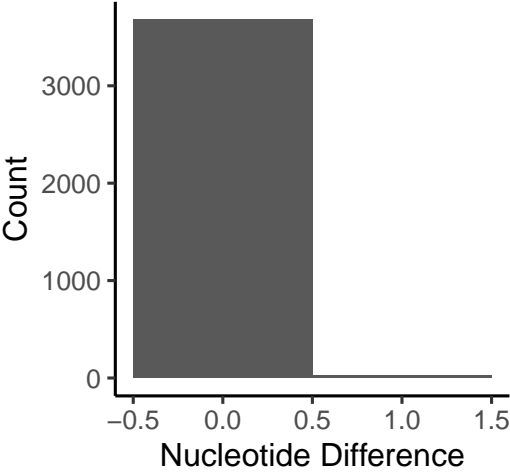
TRBV24-1\*ap01

3272 sequences assigned  
3206 (98%) exact matches, in which:  
3134 unique CDR3  
13 unique J



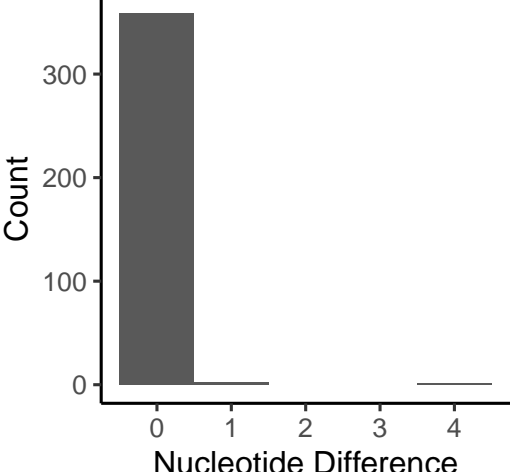
TRBV4-3\*ap01

3705 sequences assigned  
3678 (99.3%) exact matches, in which:  
3595 unique CDR3  
13 unique J



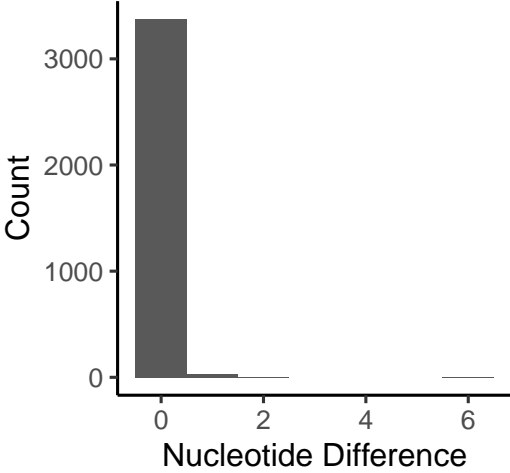
TRBV5-3\*ap01

362 sequences assigned  
359 (99.2%) exact matches, in which:  
351 unique CDR3  
13 unique J



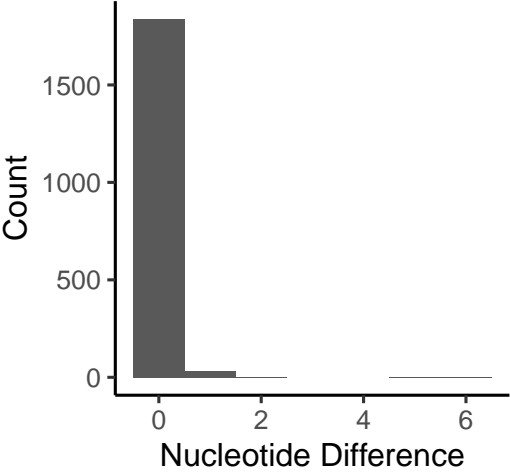
TRBV4-1\*ap01

3406 sequences assigned  
3375 (99.1%) exact matches, in which:  
3288 unique CDR3  
13 unique J



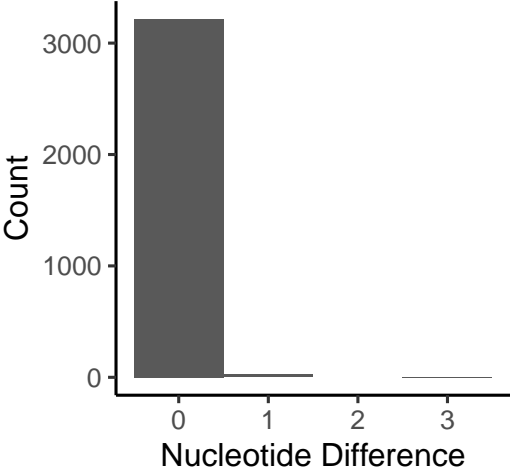
TRBV25-1\*ap01

1874 sequences assigned  
1838 (98.1%) exact matches, in which:  
1790 unique CDR3  
13 unique J



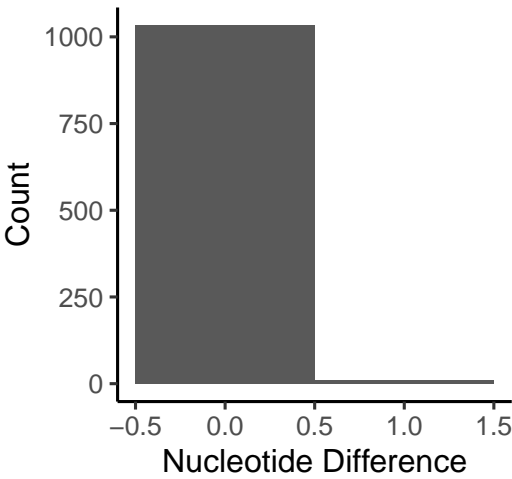
TRBV5-4\*ap01

3243 sequences assigned  
3216 (99.2%) exact matches, in which:  
3148 unique CDR3  
13 unique J



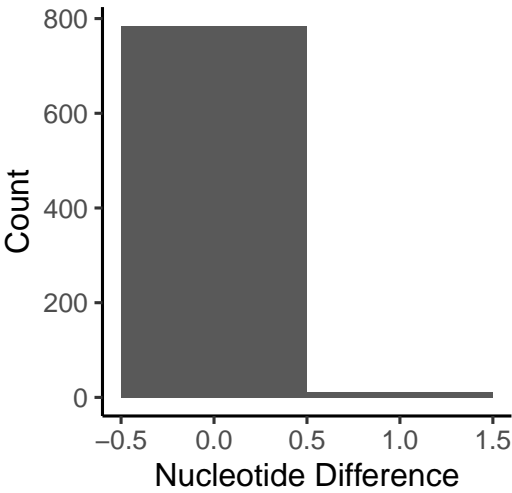
TRBV5-5\*ap01

1043 sequences assigned  
1033 (99%) exact matches, in which:  
1024 unique CDR3  
13 unique J



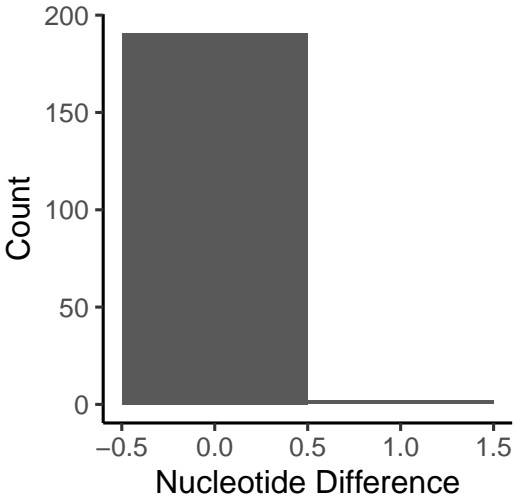
TRBV5-8\*ap01

796 sequences assigned  
785 (98.6%) exact matches, in which:  
773 unique CDR3  
13 unique J



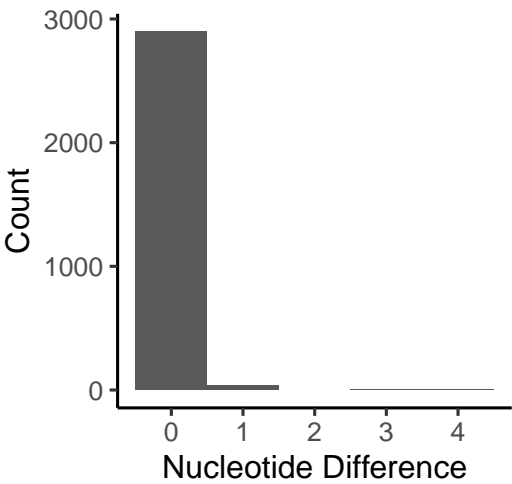
TRBV6-7\*ap01

193 sequences assigned  
191 (99%) exact matches, in which:  
187 unique CDR3  
13 unique J



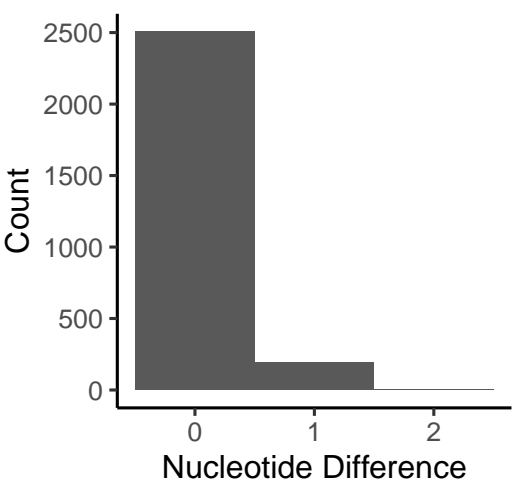
TRBV5-6\*ap01

2936 sequences assigned  
2897 (98.7%) exact matches, in which:  
2799 unique CDR3  
13 unique J



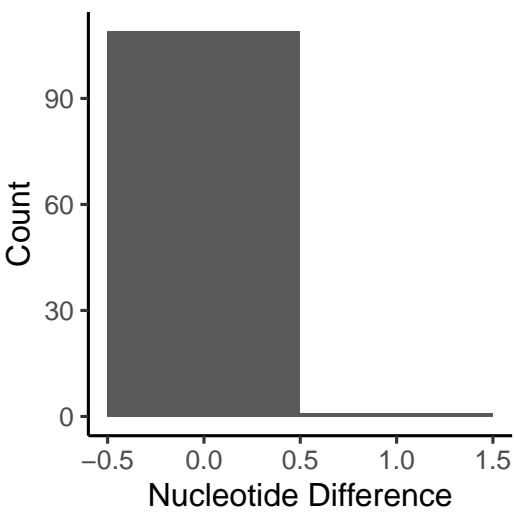
TRBV6-1\*ap01

2697 sequences assigned  
2506 (92.9%) exact matches, in which:  
2447 unique CDR3  
13 unique J



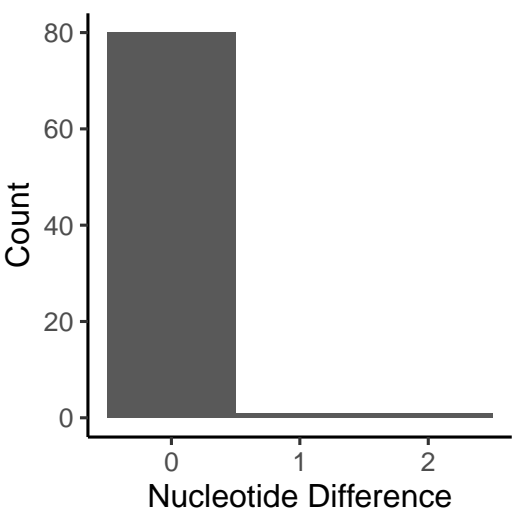
TRBV6-8\*ap01

110 sequences assigned  
109 (99.1%) exact matches, in which:  
105 unique CDR3  
12 unique J



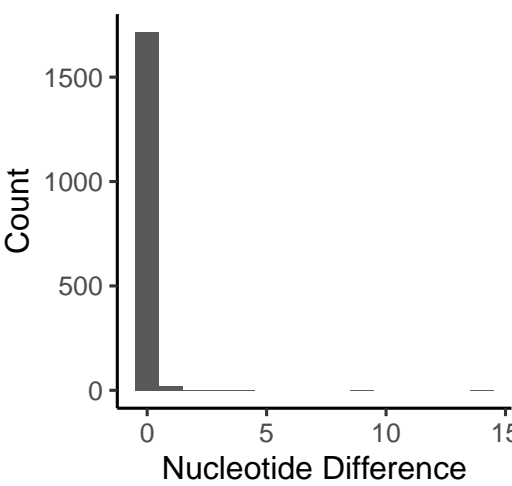
TRBV5-7\*ap01

82 sequences assigned  
80 (97.6%) exact matches, in which:  
77 unique CDR3  
13 unique J



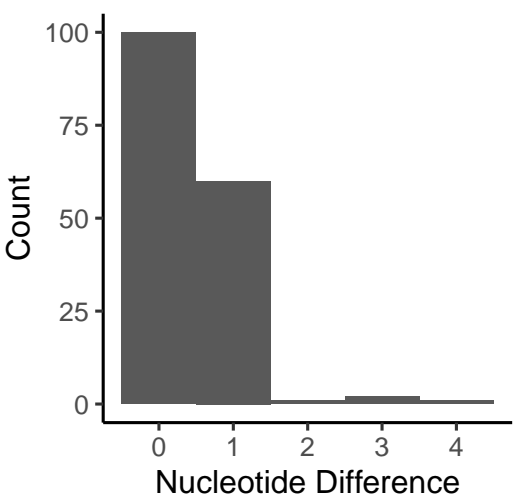
TRBV6-4\*ap01

1741 sequences assigned  
1716 (98.6%) exact matches, in which:  
1698 unique CDR3  
13 unique J



TRBV6-9\*ap01

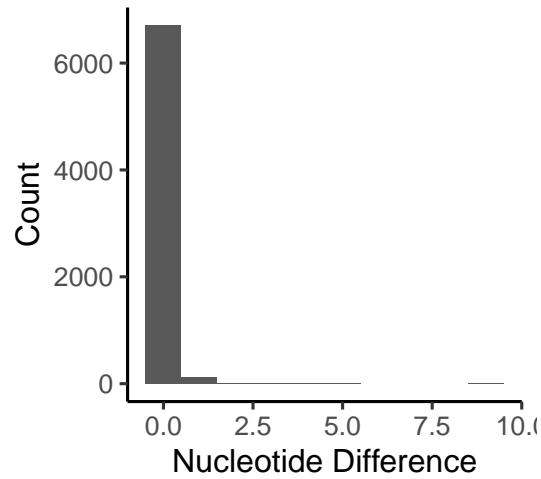
164 sequences assigned  
100 (61%) exact matches, in which:  
96 unique CDR3  
13 unique J





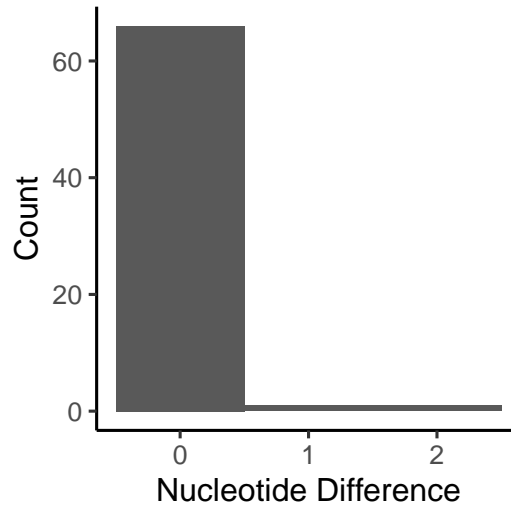
### TRBV6-23\*ap01

6839 sequences assigned  
6705 (98%) exact matches, in which:  
6510 unique CDR3  
13 unique J



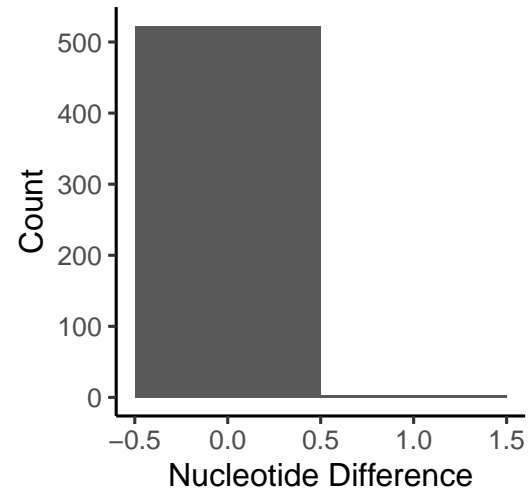
### TRBV7-1\*ap01\_G291C\_T

68 sequences assigned  
66 (97.1%) exact matches, in which:  
65 unique CDR3  
12 unique J



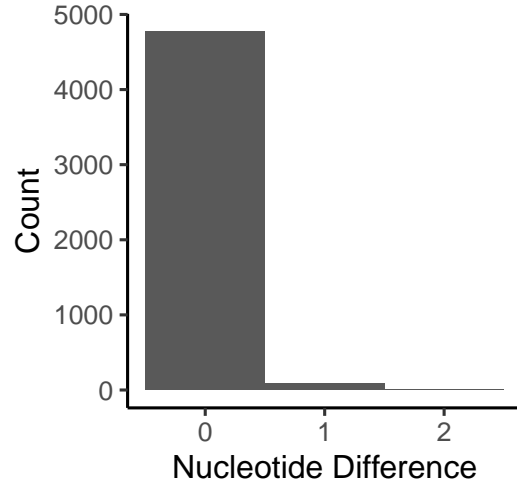
### TRBV7-3\*ap03

526 sequences assigned  
523 (99.4%) exact matches, in which:  
517 unique CDR3  
13 unique J



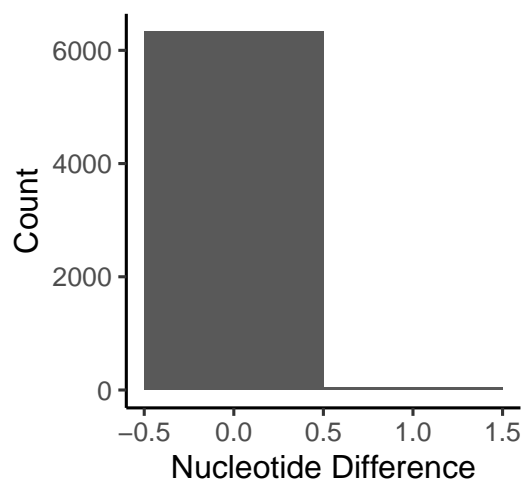
### TRBV6-56\*ap01

4856 sequences assigned  
4770 (98.2%) exact matches, in which:  
4625 unique CDR3  
13 unique J



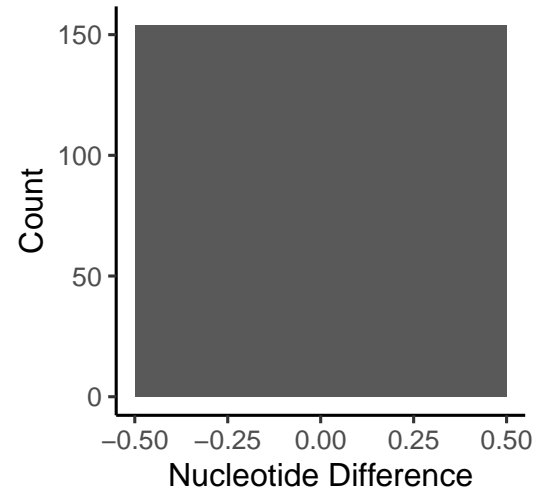
### TRBV7-2\*ap01

6373 sequences assigned  
6329 (99.3%) exact matches, in which:  
6235 unique CDR3  
13 unique J



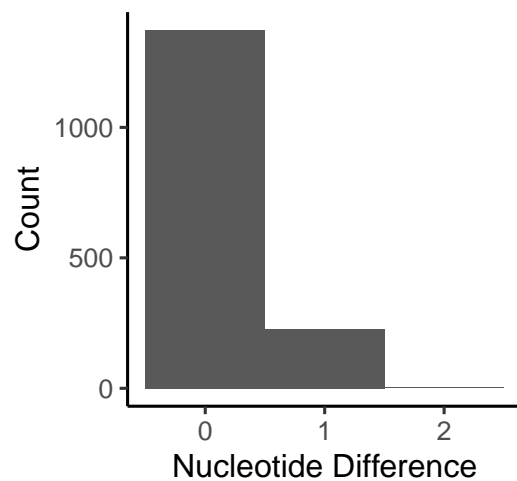
### TRBV7-4\*ap01

154 sequences assigned  
154 (100%) exact matches, in which:  
151 unique CDR3  
13 unique J



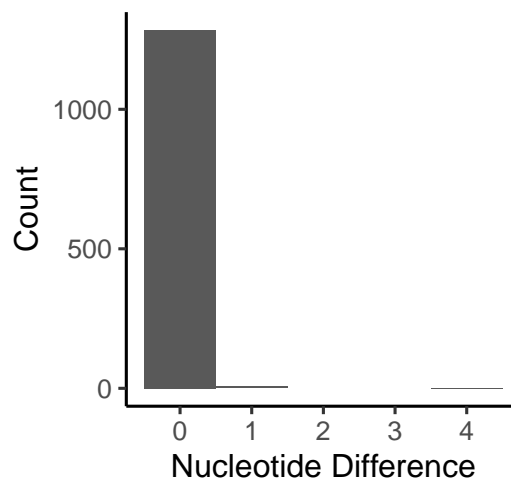
### TRBV6-56\*ap02

1604 sequences assigned  
1373 (85.6%) exact matches, in which:  
1329 unique CDR3  
13 unique J



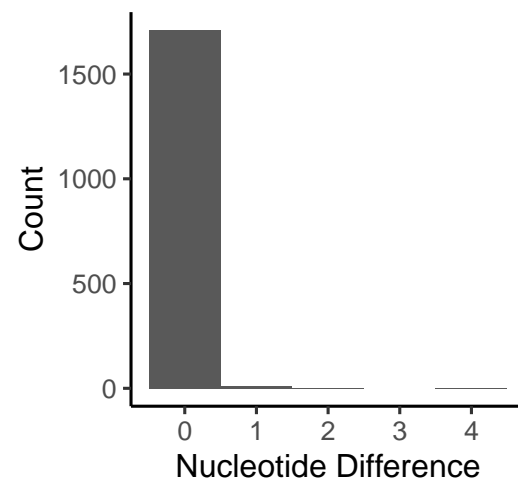
### TRBV7-3\*ap01

1292 sequences assigned  
1284 (99.4%) exact matches, in which:  
1273 unique CDR3  
13 unique J



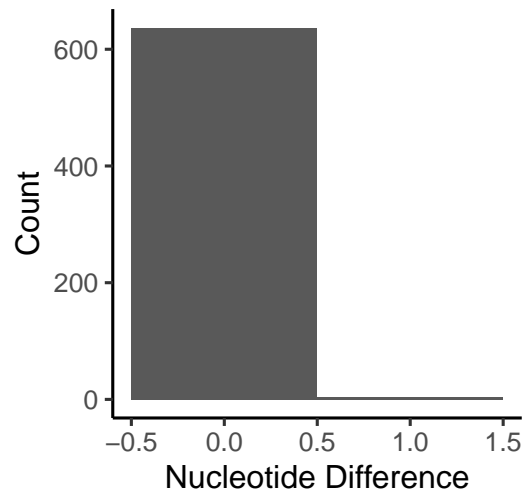
### TRBV7-6\*ap01

1722 sequences assigned  
1710 (99.3%) exact matches, in which:  
1686 unique CDR3  
13 unique J



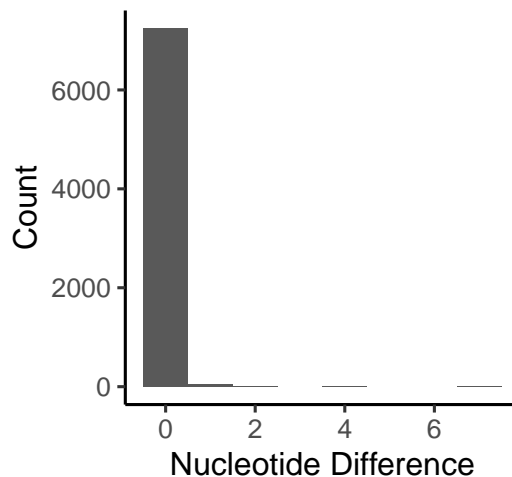
### TRBV7-7\*ap01\_C315T

641 sequences assigned  
637 (99.4%) exact matches, in which:  
627 unique CDR3  
13 unique J



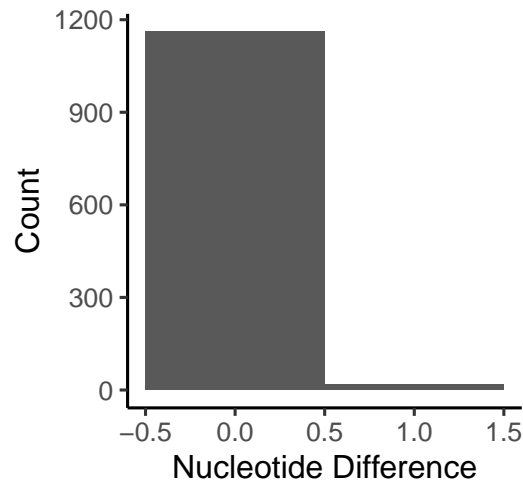
### TRBV7-9\*ap01

7307 sequences assigned  
7244 (99.1%) exact matches, in which:  
7127 unique CDR3  
13 unique J



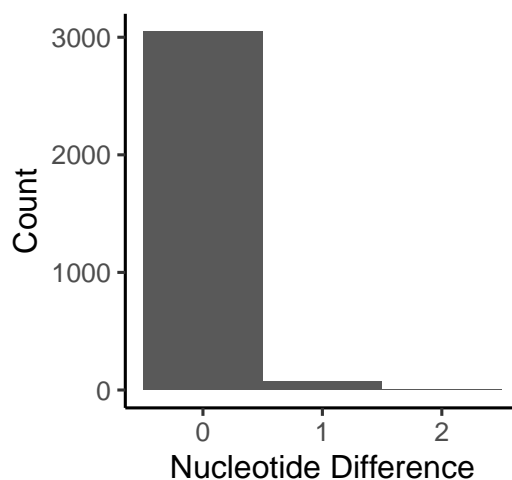
### TRBV7-8\*ap01

1179 sequences assigned  
1161 (98.5%) exact matches, in which:  
1141 unique CDR3  
13 unique J



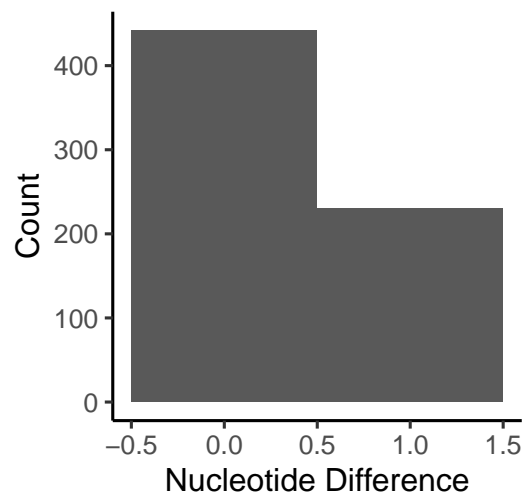
### TRBV29-1\*ap01

3123 sequences assigned  
3047 (97.6%) exact matches, in which:  
2950 unique CDR3  
13 unique J



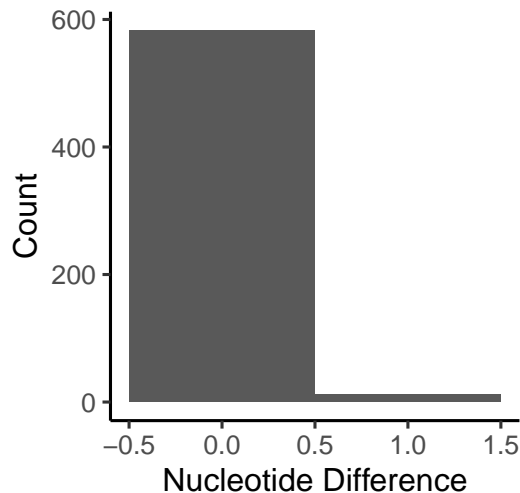
### TRBV7-8\*ap03

672 sequences assigned  
442 (65.8%) exact matches, in which:  
434 unique CDR3  
13 unique J

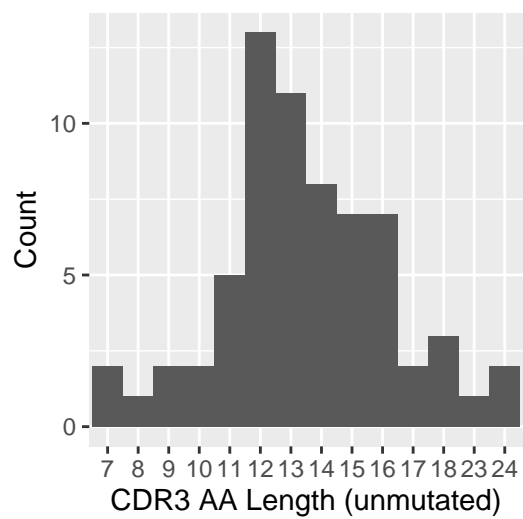


### TRBV29-1\*ap02

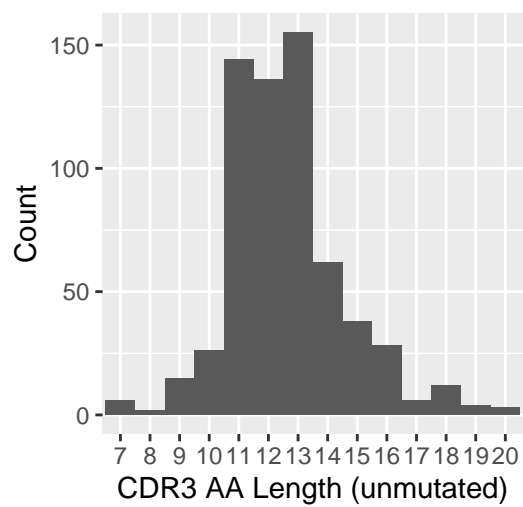
595 sequences assigned  
583 (98%) exact matches, in which:  
562 unique CDR3  
13 unique J



TRBV7-1\*ap01\_G291C\_T296C



TRBV7-7\*ap01\_C315T





[illegible]