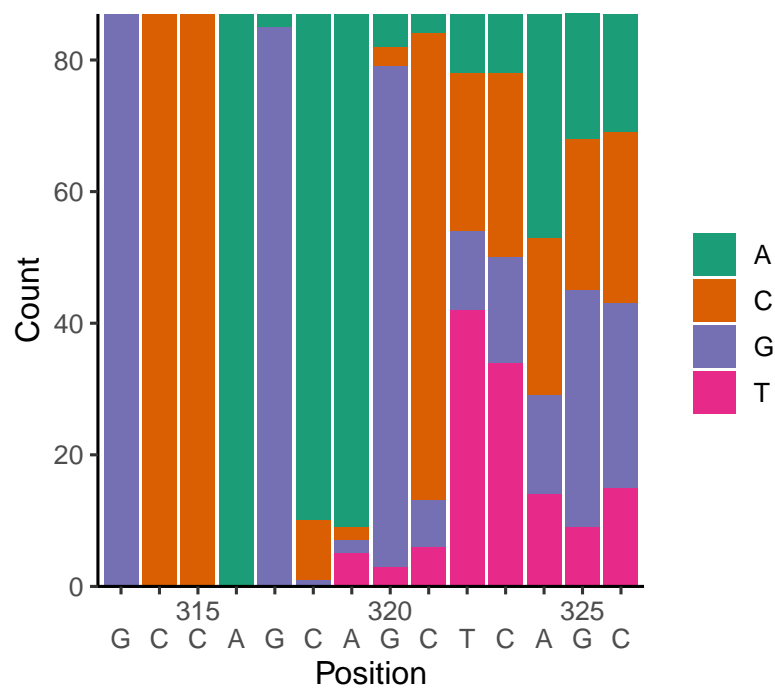
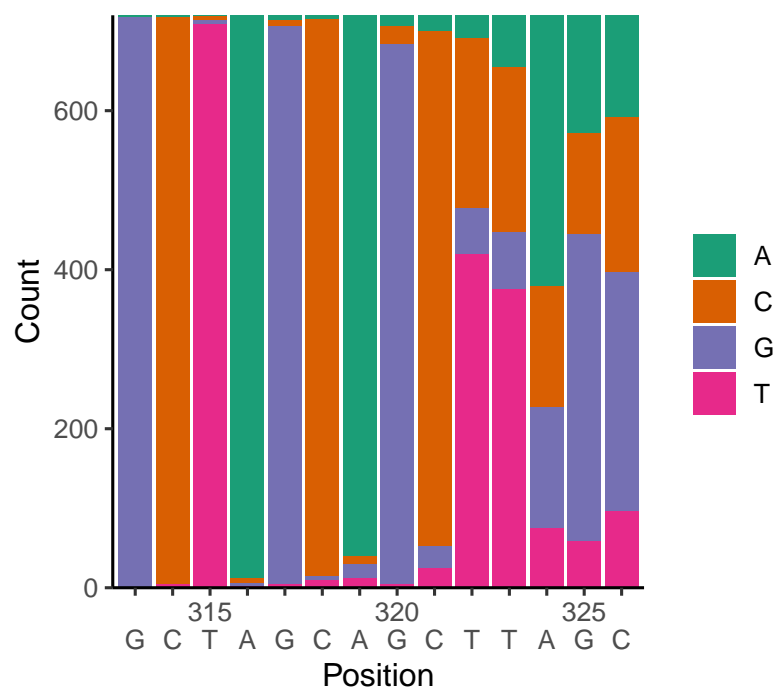


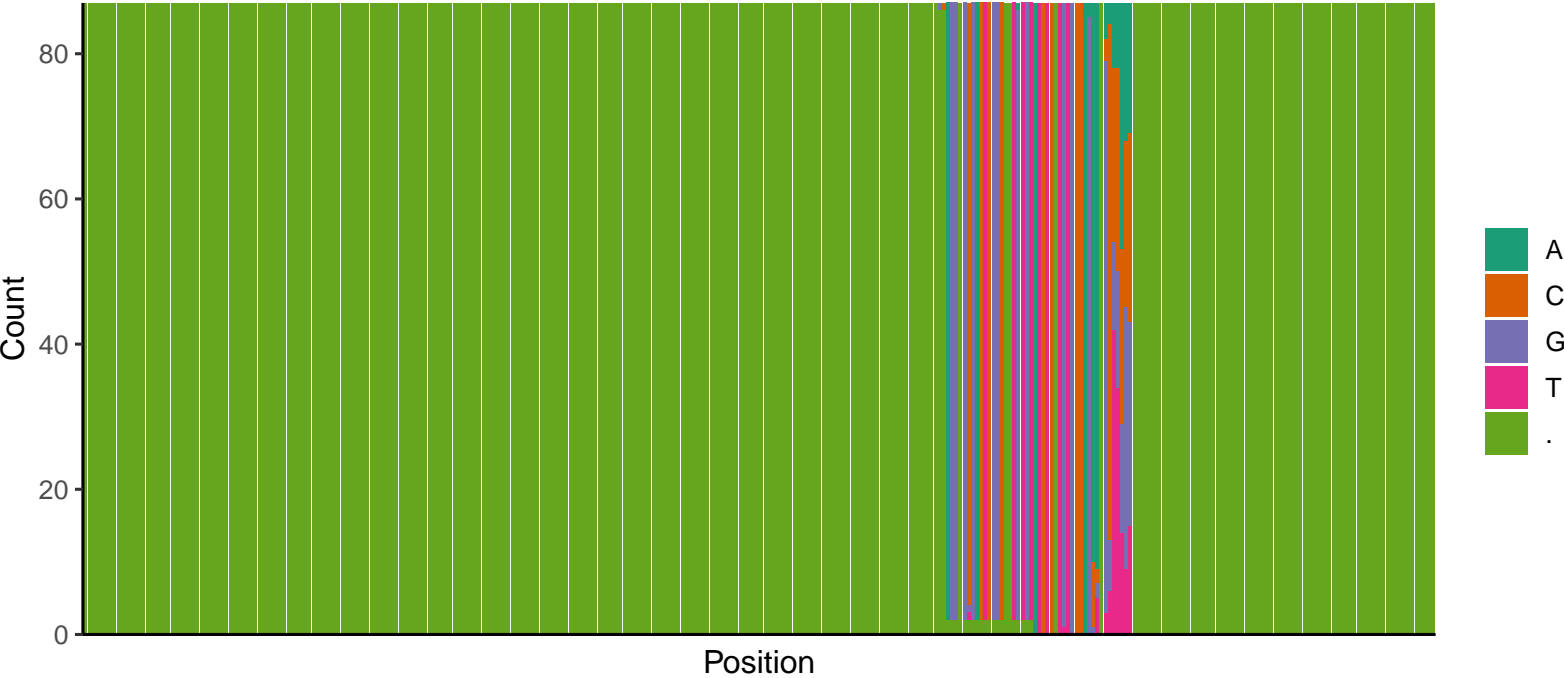
Gene TRBV7-1\*ap01\_G291C\_T296C



Gene TRBV7-7\*ap01\_C315T



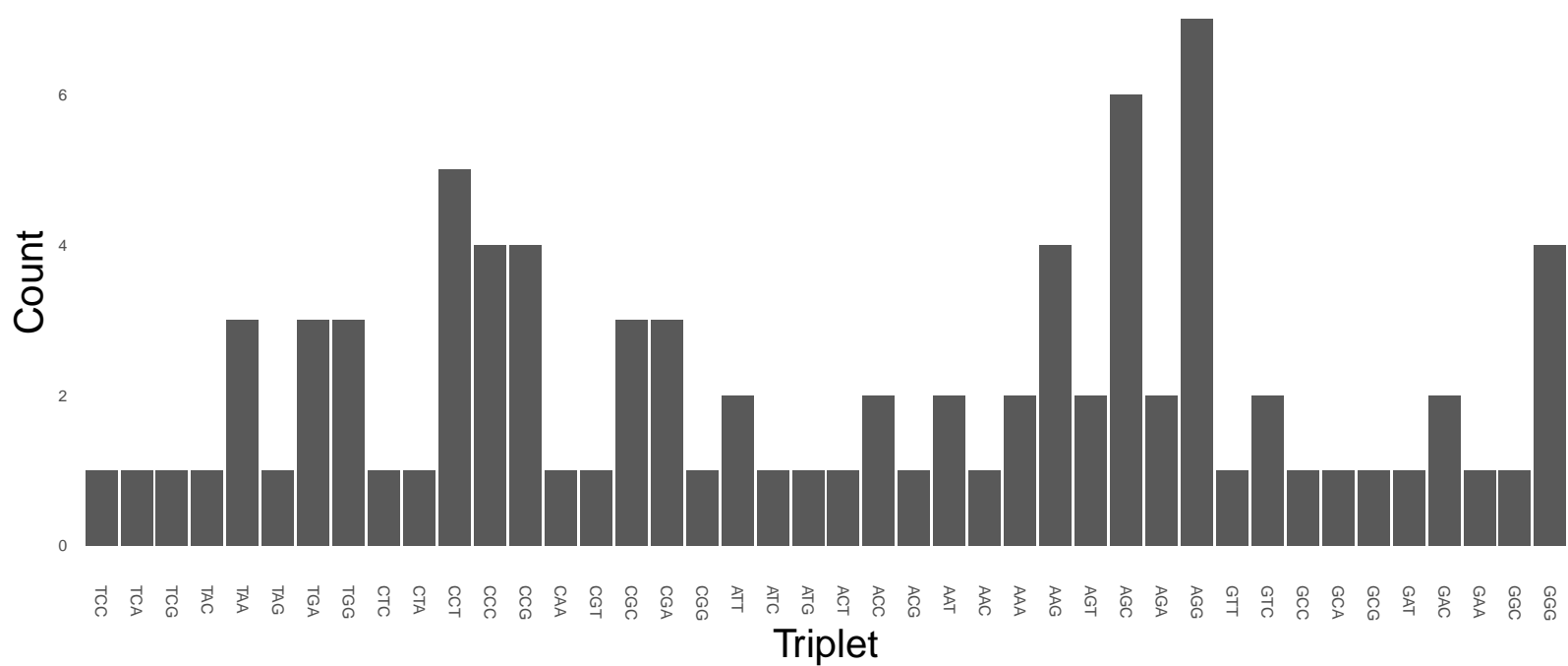
Gene TRBV7-1\*ap01\_G291C\_T296C



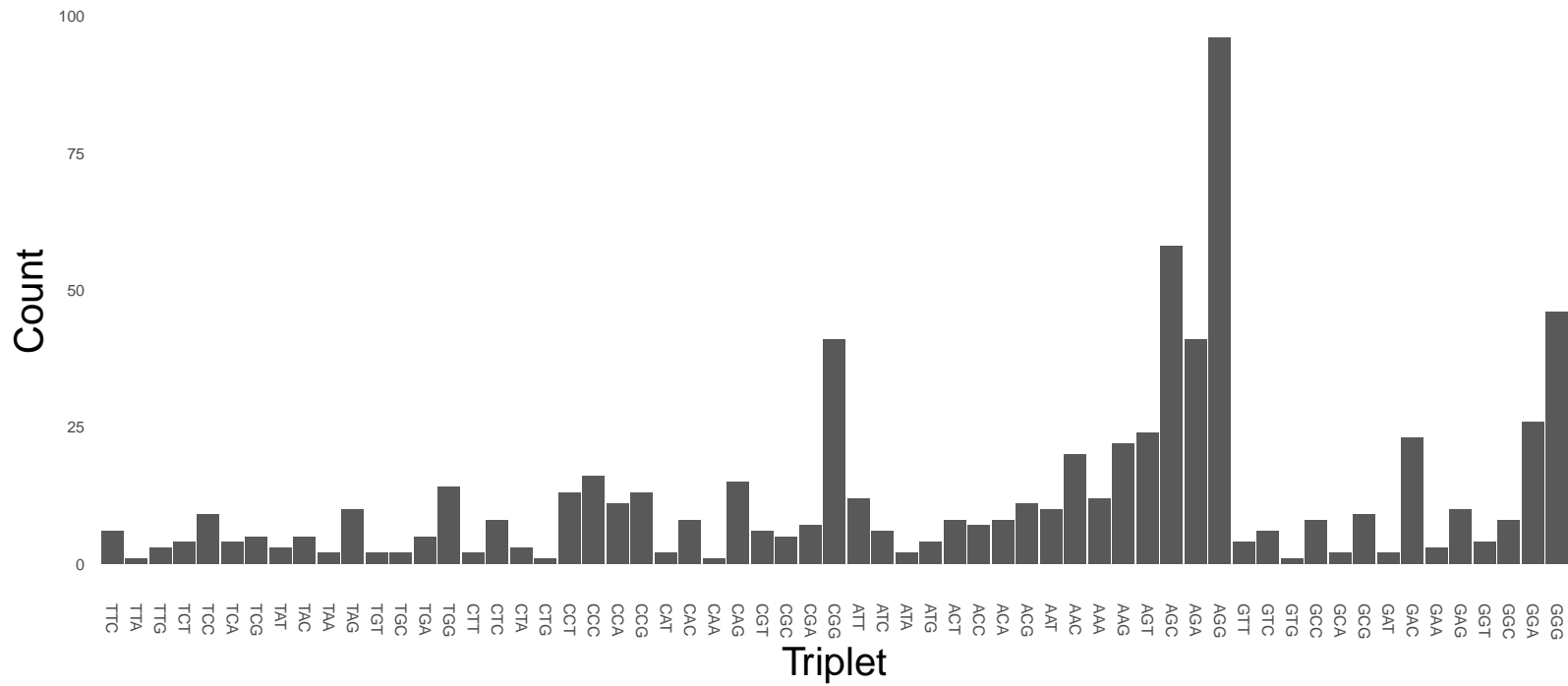
Gene TRBV7-7\*ap01\_C315T



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

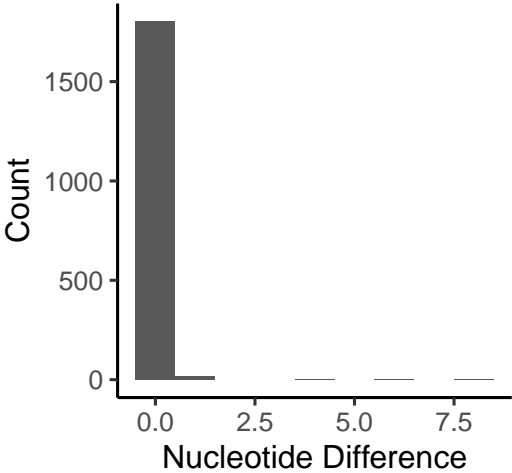


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



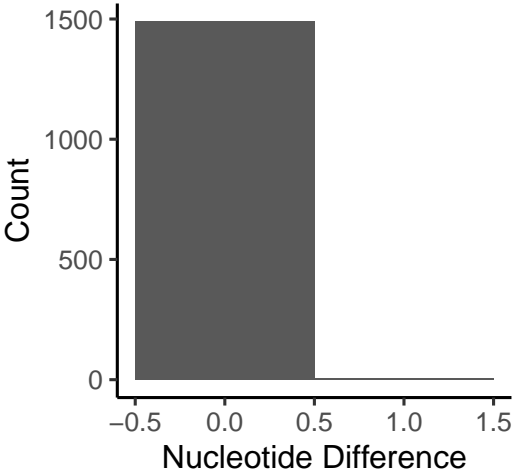
TRBV10-1\*ap01

1823 sequences assigned  
1803 (98.9%) exact matches, in which:  
1768 unique CDR3  
13 unique J



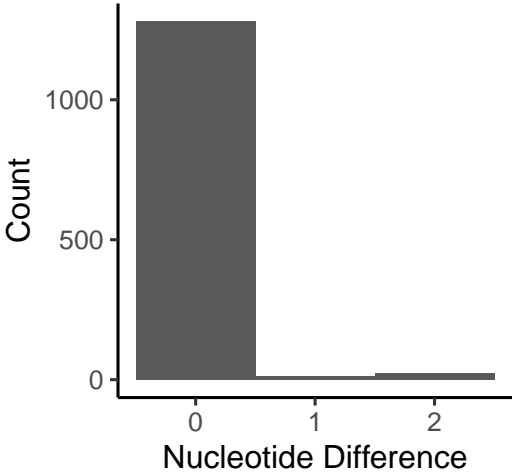
TRBV10-2\*ap01

1498 sequences assigned  
1490 (99.5%) exact matches, in which:  
1451 unique CDR3  
13 unique J



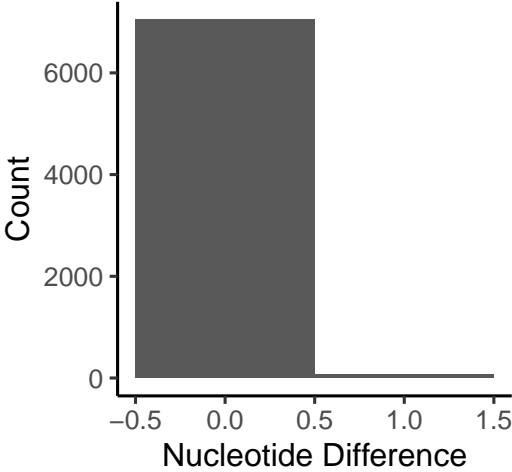
TRBV13\*ap01

1316 sequences assigned  
1280 (97.3%) exact matches, in which:  
1237 unique CDR3  
13 unique J



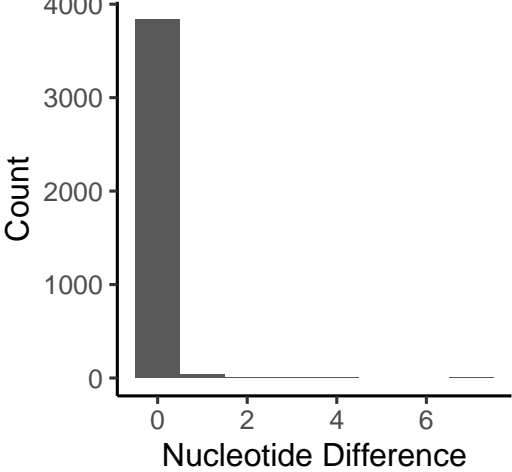
TRBV20-1\*ap01

7114 sequences assigned  
7045 (99%) exact matches, in which:  
6939 unique CDR3  
13 unique J



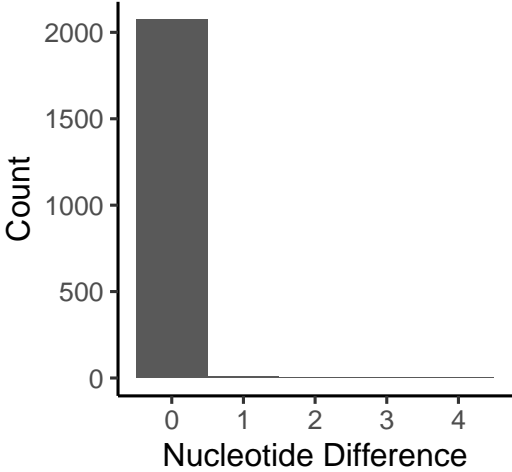
TRBV10-3\*ap01

3883 sequences assigned  
3834 (98.7%) exact matches, in which:  
3744 unique CDR3  
13 unique J



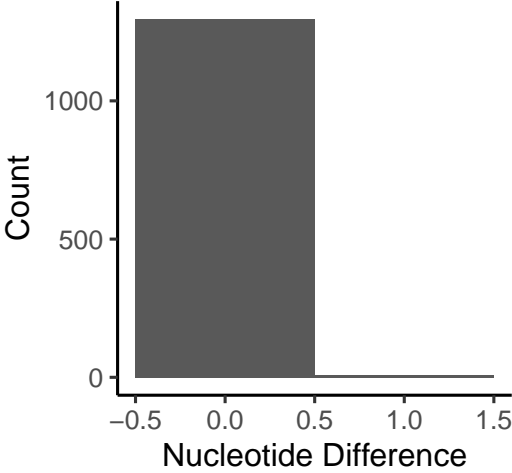
TRBV14\*ap01

2086 sequences assigned  
2073 (99.4%) exact matches, in which:  
2026 unique CDR3  
13 unique J



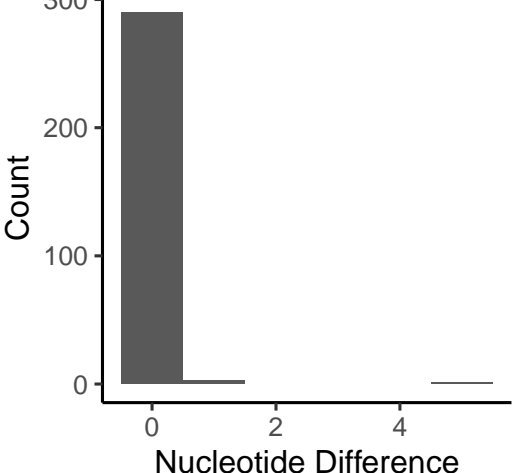
TRBV20-1\*ap02

1304 sequences assigned  
1296 (99.4%) exact matches, in which:  
1270 unique CDR3  
13 unique J



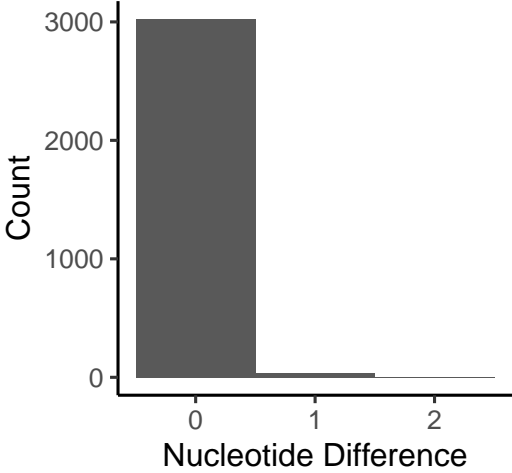
TRBV1\*ap01

294 sequences assigned  
290 (98.6%) exact matches, in which:  
280 unique CDR3  
13 unique J



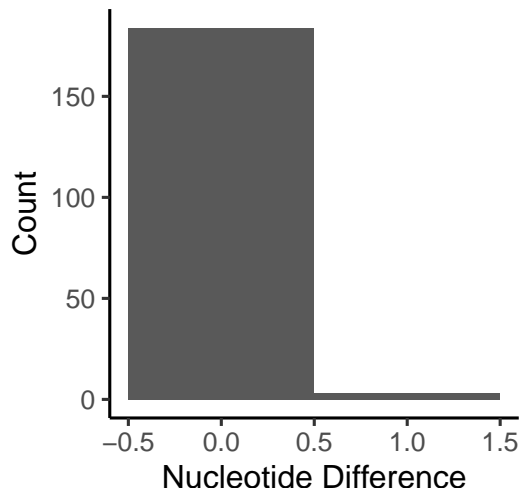
TRBV15\*ap02

3061 sequences assigned  
3024 (98.8%) exact matches, in which:  
2924 unique CDR3  
13 unique J



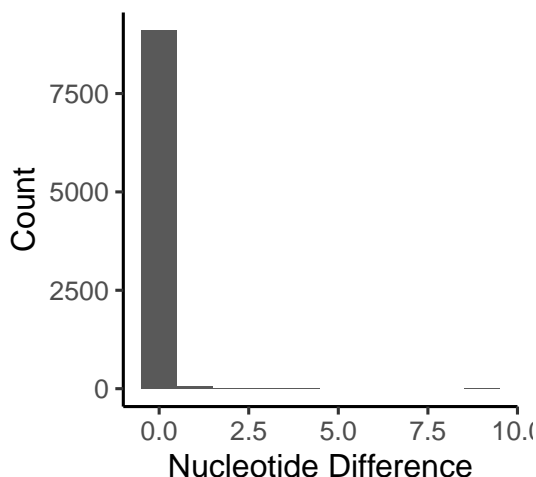
### TRBV16\*ap01

187 sequences assigned  
184 (98.4%) exact matches, in which:  
181 unique CDR3  
13 unique J



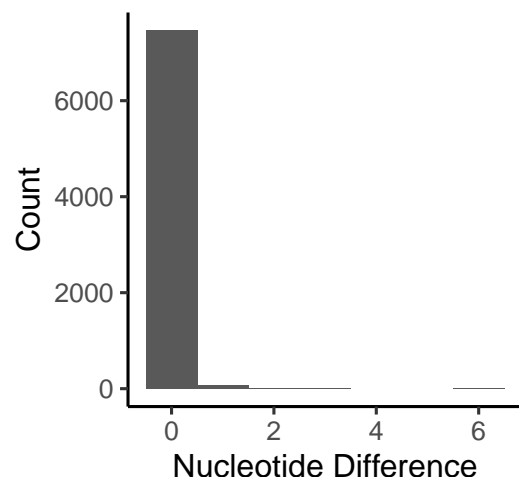
### TRBV19\*ap01

9181 sequences assigned  
9104 (99.2%) exact matches, in which:  
8995 unique CDR3  
13 unique J



### TRBV27\*ap01

7543 sequences assigned  
7464 (99%) exact matches, in which:  
7276 unique CDR3  
13 unique J



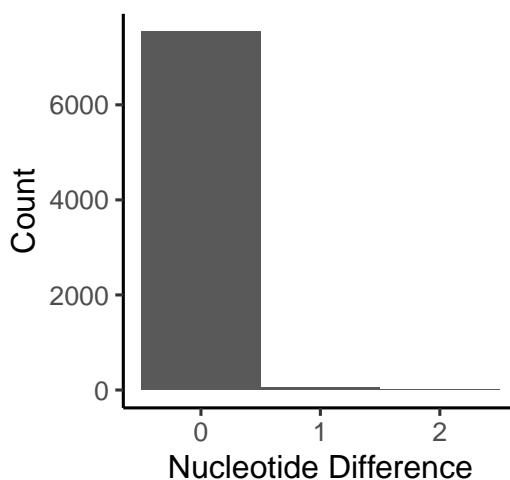
### TRBV17\*ap01

2 sequences assigned  
No exact matches.



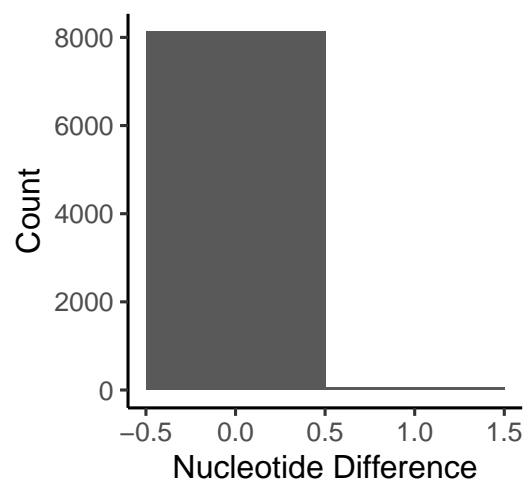
### TRBV2\*ap01

7598 sequences assigned  
7538 (99.2%) exact matches, in which:  
7391 unique CDR3  
13 unique J



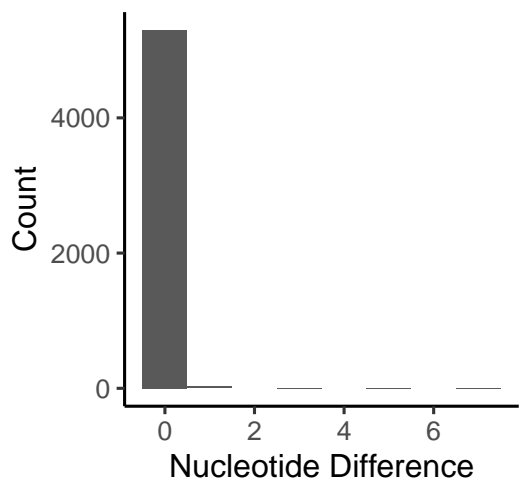
### TRBV28\*ap01

8196 sequences assigned  
8129 (99.2%) exact matches, in which:  
7962 unique CDR3  
13 unique J



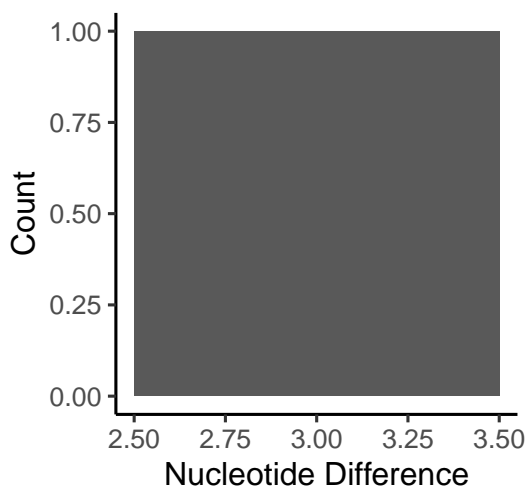
### TRBV18\*ap01

5329 sequences assigned  
5299 (99.4%) exact matches, in which:  
5233 unique CDR3  
13 unique J



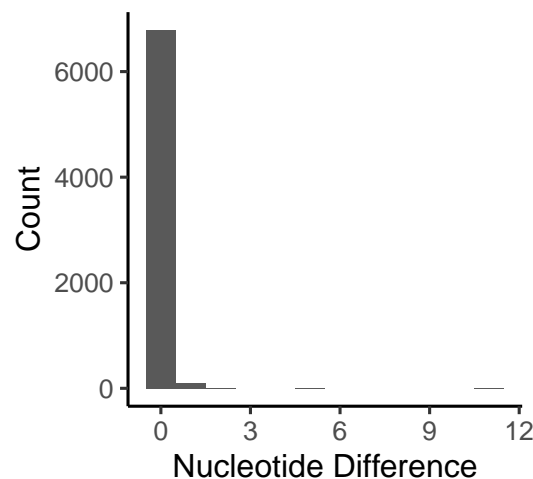
### TRBV26\*ap01

1 sequences assigned  
No exact matches.



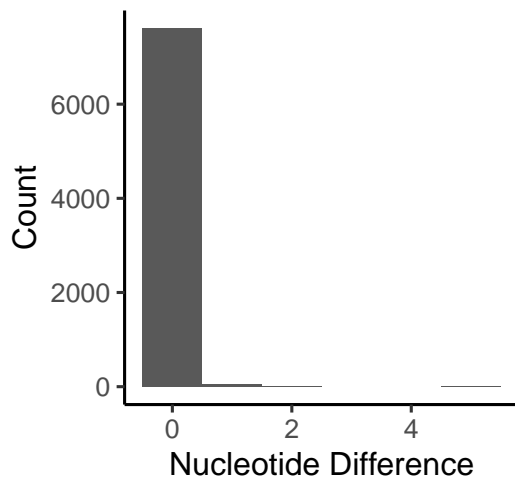
### TRBV30\*ap01

6897 sequences assigned  
6787 (98.4%) exact matches, in which:  
6600 unique CDR3  
13 unique J



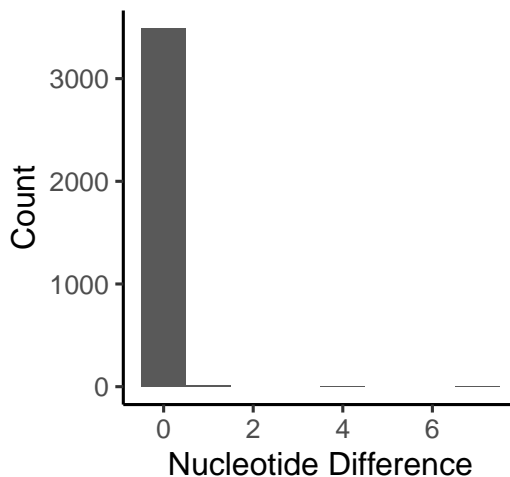
### TRBV9\*ap01

7670 sequences assigned  
7609 (99.2%) exact matches, in which:  
7490 unique CDR3  
13 unique J



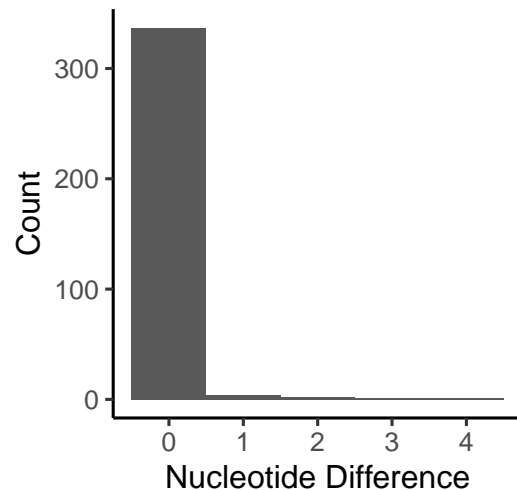
### TRBV11-2\*ap01

3506 sequences assigned  
3489 (99.5%) exact matches, in which:  
3449 unique CDR3  
13 unique J



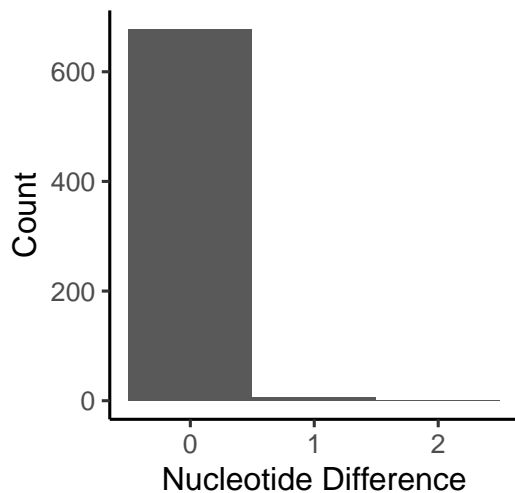
### TRBV12-2\*ap01

345 sequences assigned  
337 (97.7%) exact matches, in which:  
331 unique CDR3  
13 unique J



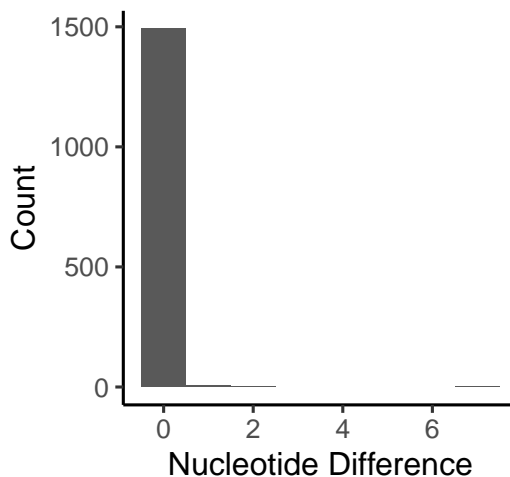
### TRBV11-1\*ap01

685 sequences assigned  
678 (99%) exact matches, in which:  
674 unique CDR3  
13 unique J



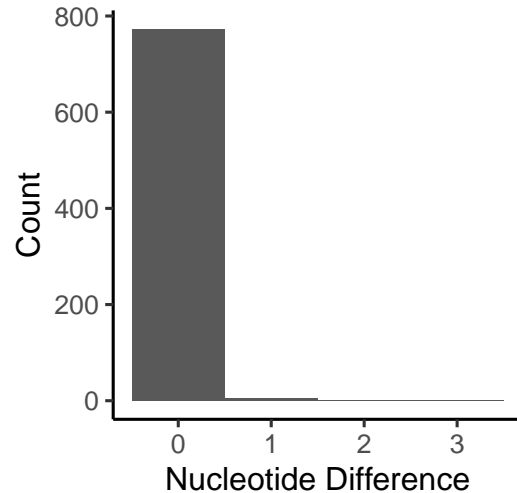
### TRBV11-3\*ap01

1500 sequences assigned  
1492 (99.5%) exact matches, in which:  
1482 unique CDR3  
13 unique J



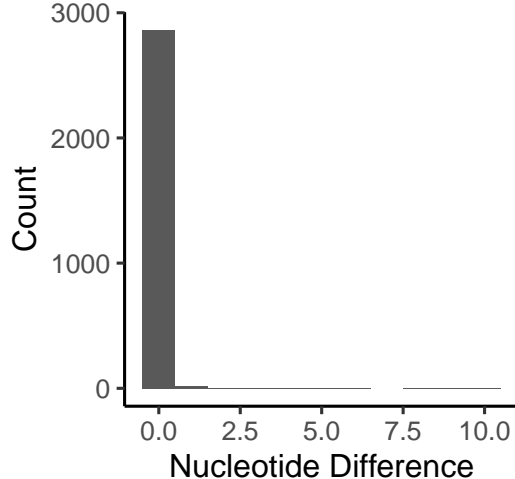
### TRBV12-5\*ap01

783 sequences assigned  
773 (98.7%) exact matches, in which:  
762 unique CDR3  
13 unique J



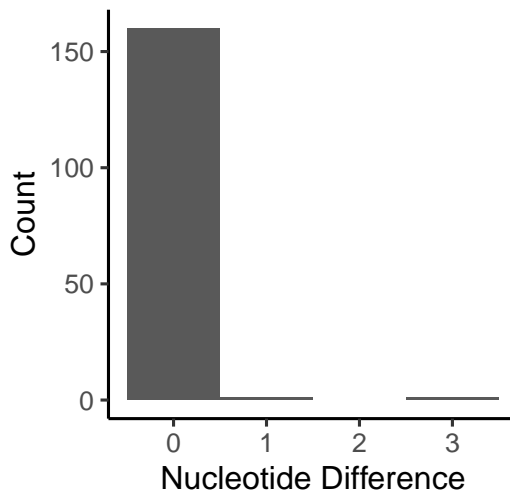
### TRBV21-1\*ap01

2895 sequences assigned  
2862 (98.9%) exact matches, in which:  
2825 unique CDR3  
13 unique J



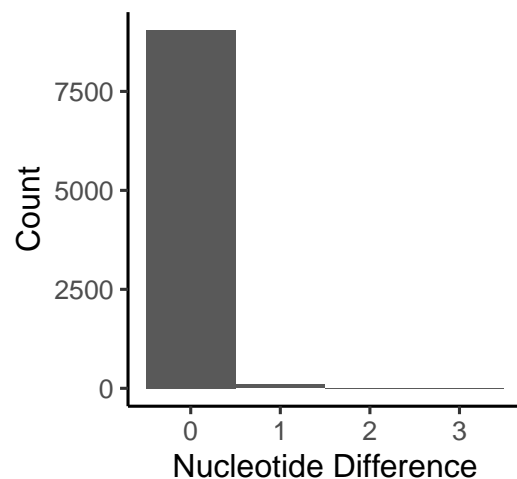
### TRBV12-1\*ap01

162 sequences assigned  
160 (98.8%) exact matches, in which:  
158 unique CDR3  
13 unique J



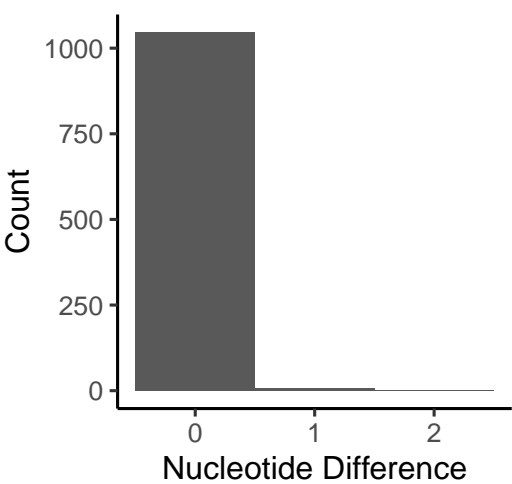
### TRBV12-34\*ap01

9155 sequences assigned  
9050 (98.9%) exact matches, in which:  
8838 unique CDR3  
13 unique J



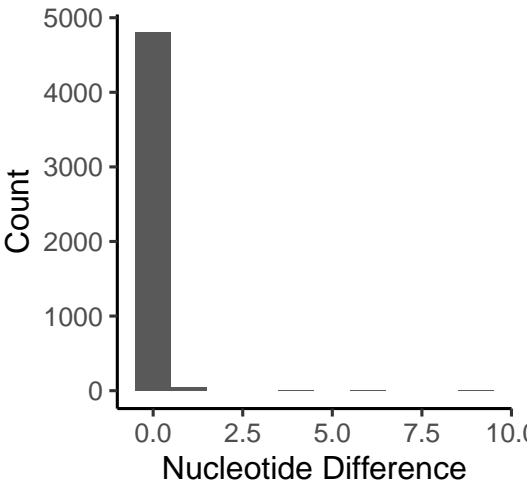
TRBV23-1\*ap01

1055 sequences assigned  
1046 (99.1%) exact matches, in which:  
1024 unique CDR3  
13 unique J



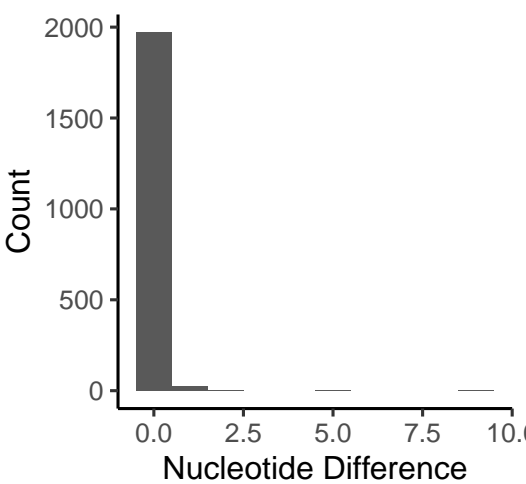
TRBV24-1\*ap01

4855 sequences assigned  
4803 (98.9%) exact matches, in which:  
4692 unique CDR3  
14 unique J



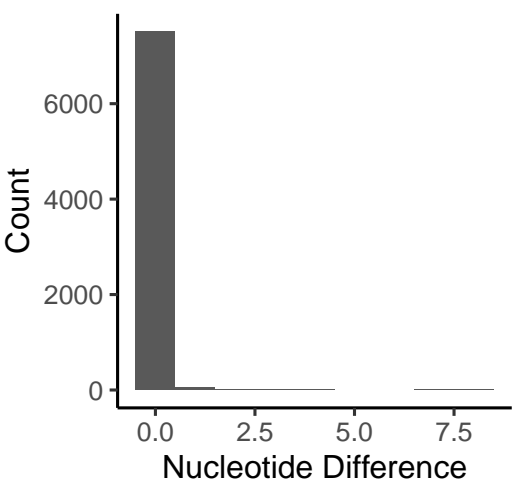
TRBV25-1\*ap01

1997 sequences assigned  
1971 (98.7%) exact matches, in which:  
1909 unique CDR3  
13 unique J



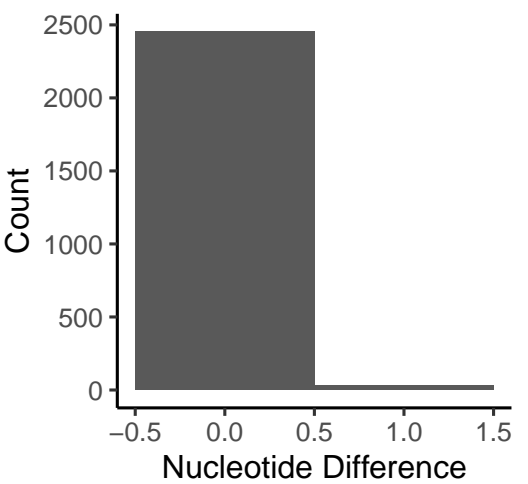
TRBV3-12\*ap01

7569 sequences assigned  
7508 (99.2%) exact matches, in which:  
7402 unique CDR3  
13 unique J



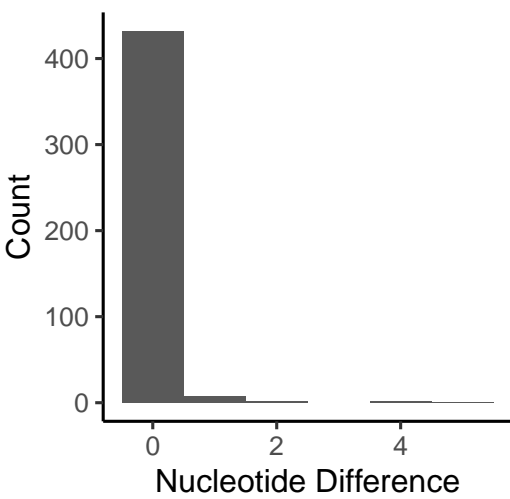
TRBV4-2\*ap01

2483 sequences assigned  
2453 (98.8%) exact matches, in which:  
2392 unique CDR3  
13 unique J



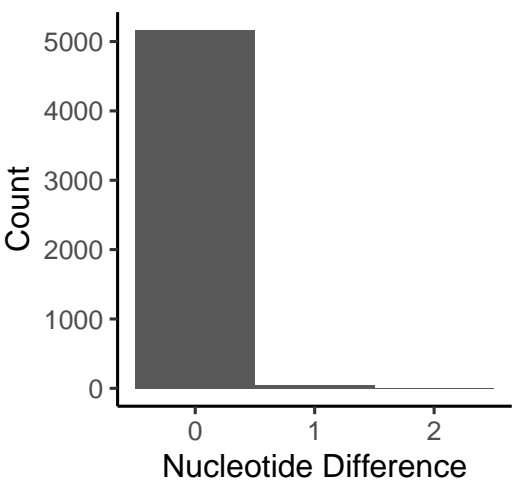
TRBV5-3\*ap01

445 sequences assigned  
432 (97.1%) exact matches, in which:  
418 unique CDR3  
13 unique J



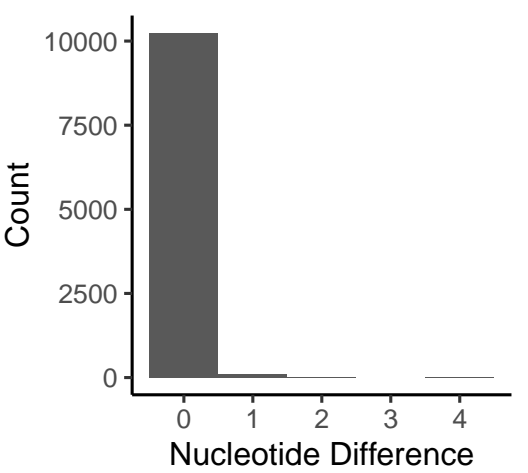
TRBV4-1\*ap01

5216 sequences assigned  
5166 (99%) exact matches, in which:  
5005 unique CDR3  
13 unique J



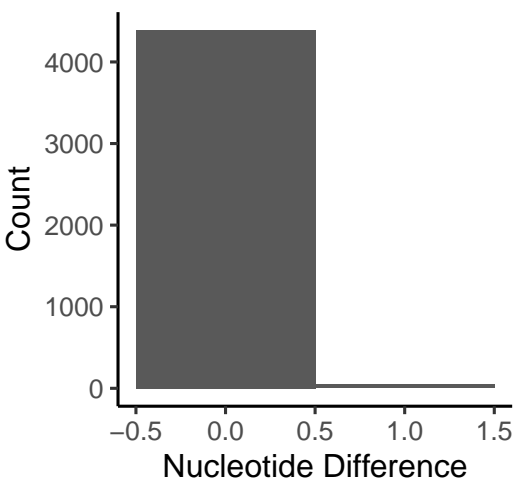
TRBV5-1\*ap01

10349 sequences assigned  
10246 (99%) exact matches, in which:  
9936 unique CDR3  
13 unique J



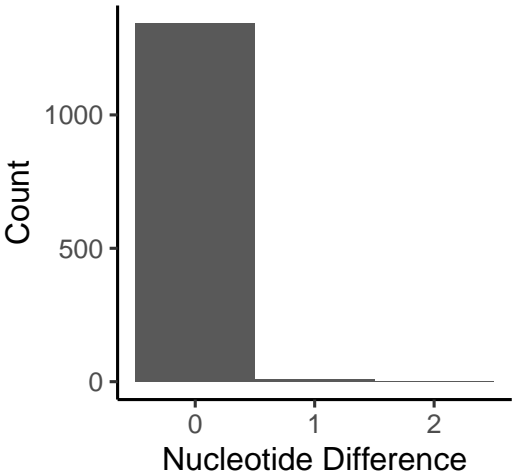
TRBV5-4\*ap01

4436 sequences assigned  
4391 (99%) exact matches, in which:  
4282 unique CDR3  
13 unique J



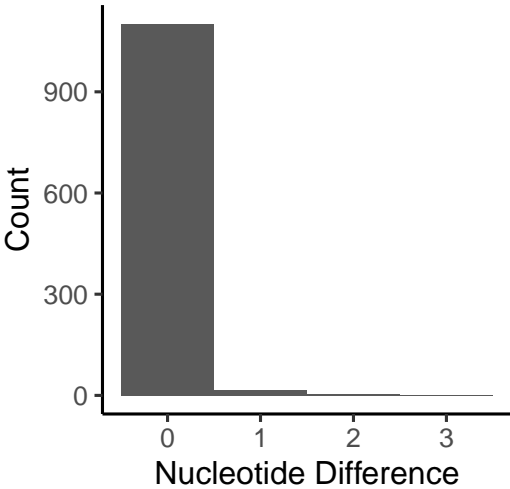
TRBV5-5\*ap01

1352 sequences assigned  
1343 (99.3%) exact matches, in which:  
1330 unique CDR3  
13 unique J



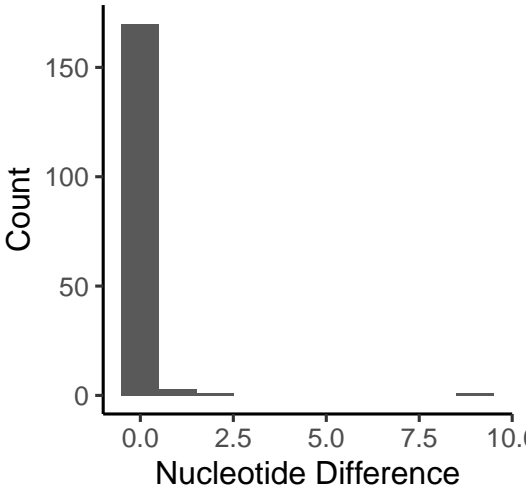
TRBV5-8\*ap01

1123 sequences assigned  
1102 (98.1%) exact matches, in which:  
1080 unique CDR3  
13 unique J



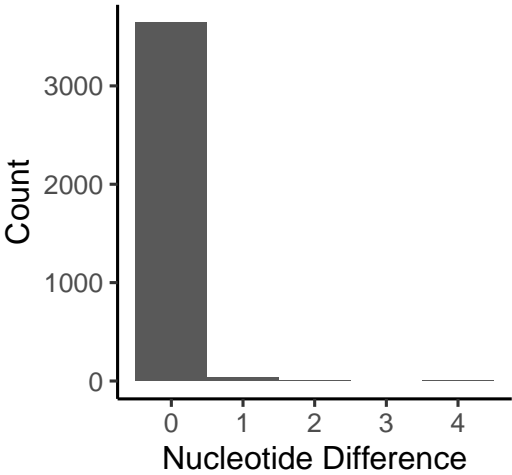
TRBV6-7\*ap01

175 sequences assigned  
170 (97.1%) exact matches, in which:  
169 unique CDR3  
13 unique J



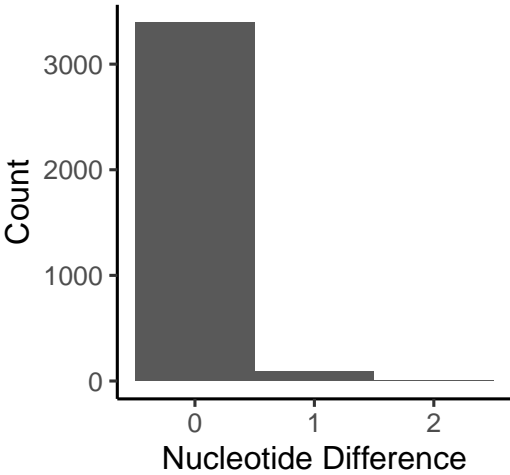
TRBV5-6\*ap01

3680 sequences assigned  
3642 (99%) exact matches, in which:  
3495 unique CDR3  
13 unique J



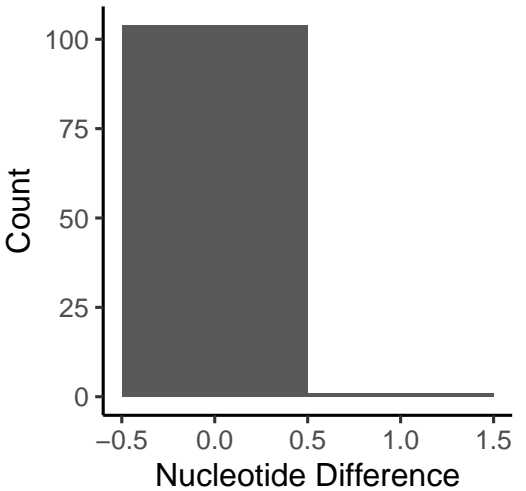
TRBV6-1\*ap01

3482 sequences assigned  
3392 (97.4%) exact matches, in which:  
3303 unique CDR3  
13 unique J



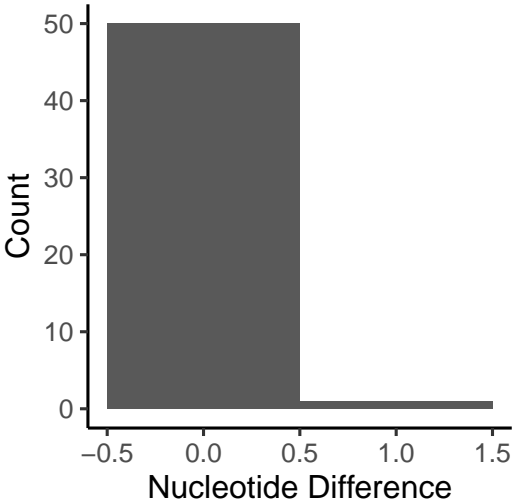
TRBV6-8\*ap01

105 sequences assigned  
104 (99%) exact matches, in which:  
102 unique CDR3  
11 unique J



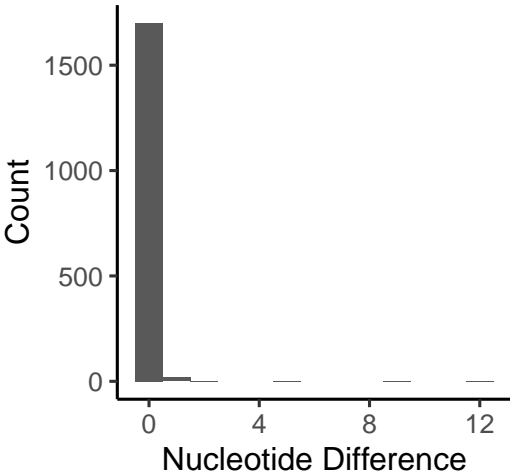
TRBV5-7\*ap01

51 sequences assigned  
50 (98%) exact matches, in which:  
48 unique CDR3  
13 unique J



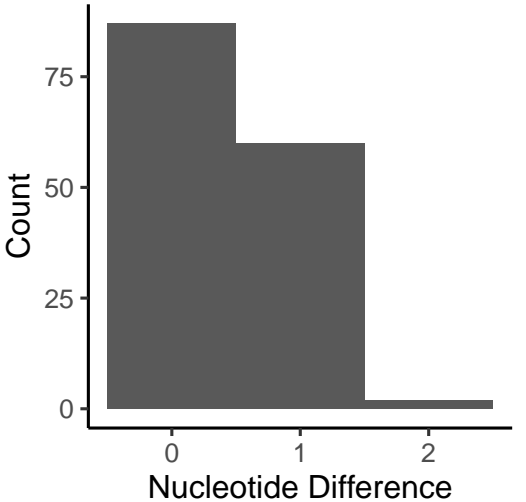
TRBV6-4\*ap01

1723 sequences assigned  
1700 (98.7%) exact matches, in which:  
1671 unique CDR3  
13 unique J



TRBV6-9\*ap01

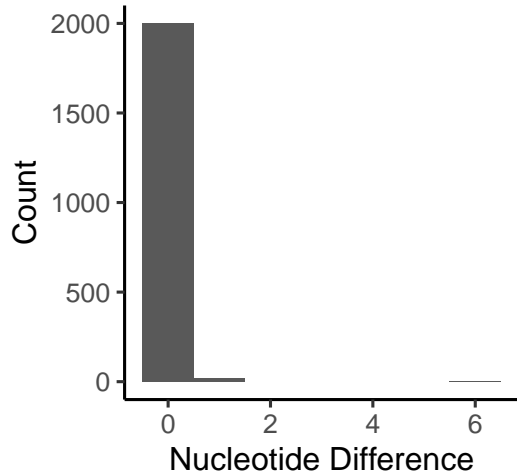
149 sequences assigned  
87 (58.4%) exact matches, in which:  
84 unique CDR3  
12 unique J





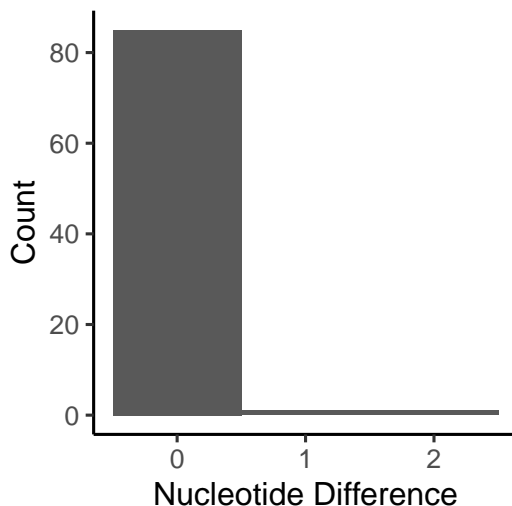
### TRBV6-23\*ap01

2021 sequences assigned  
2000 (99%) exact matches, in which:  
1943 unique CDR3  
13 unique J



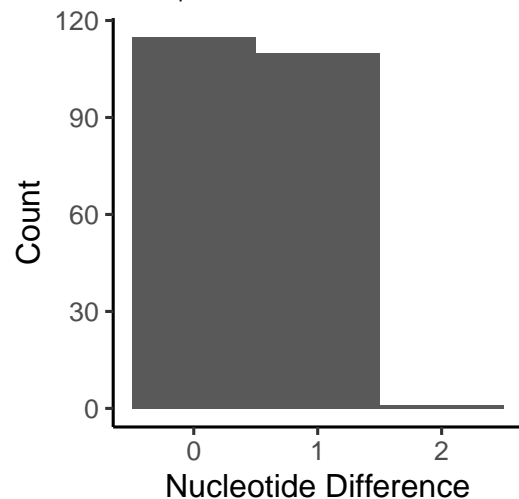
### TRBV7-1\*ap01\_G291C\_T

87 sequences assigned  
85 (97.7%) exact matches, in which:  
84 unique CDR3  
12 unique J



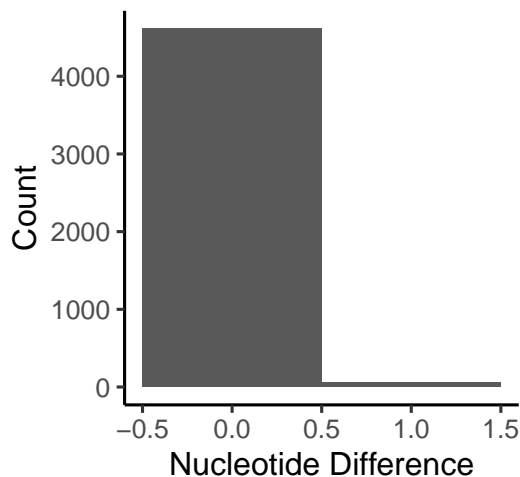
### TRBV7-4\*ap01

226 sequences assigned  
115 (50.9%) exact matches, in which:  
111 unique CDR3  
12 unique J



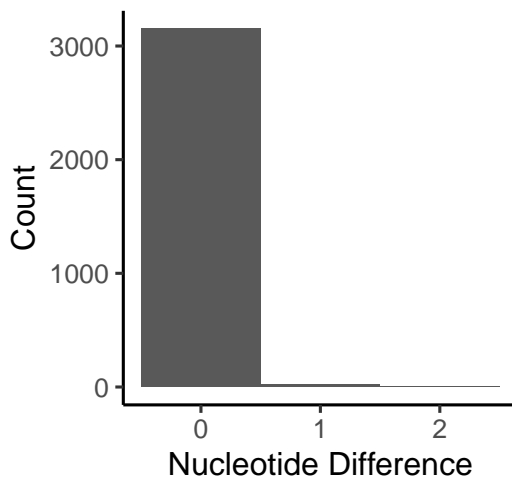
### TRBV6-56\*ap01

4673 sequences assigned  
4612 (98.7%) exact matches, in which:  
4448 unique CDR3  
13 unique J



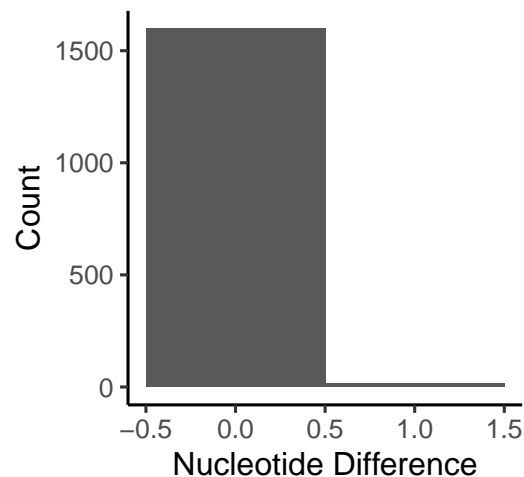
### TRBV7-2\*ap01

3177 sequences assigned  
3152 (99.2%) exact matches, in which:  
3094 unique CDR3  
13 unique J



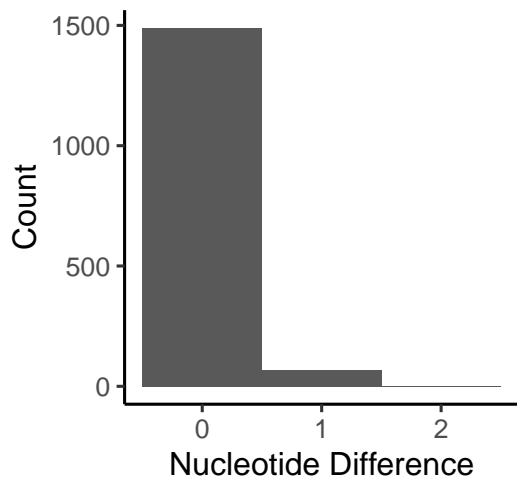
### TRBV7-6\*ap01

1613 sequences assigned  
1598 (99.1%) exact matches, in which:  
1552 unique CDR3  
13 unique J



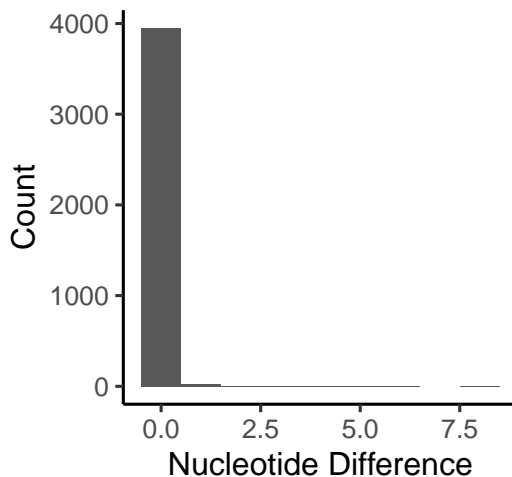
### TRBV6-56\*ap02

1559 sequences assigned  
1489 (95.5%) exact matches, in which:  
1446 unique CDR3  
13 unique J



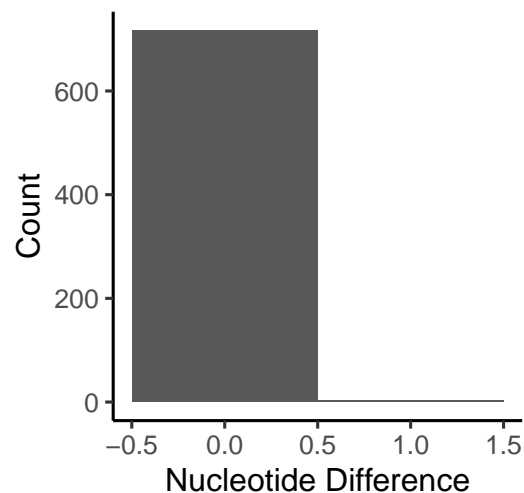
### TRBV7-3\*ap01

3980 sequences assigned  
3950 (99.2%) exact matches, in which:  
3887 unique CDR3  
13 unique J



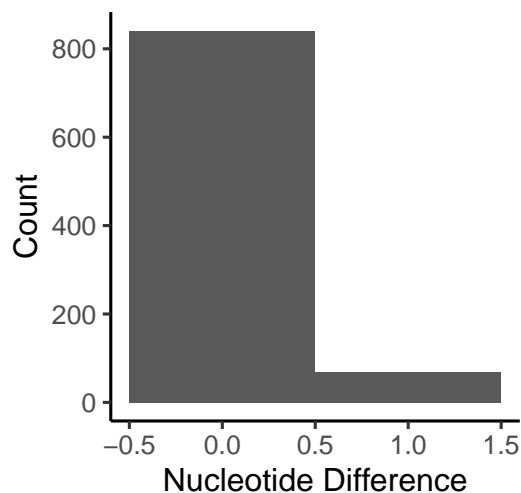
### TRBV7-7\*ap01\_C315T

720 sequences assigned  
717 (99.6%) exact matches, in which:  
702 unique CDR3  
13 unique J



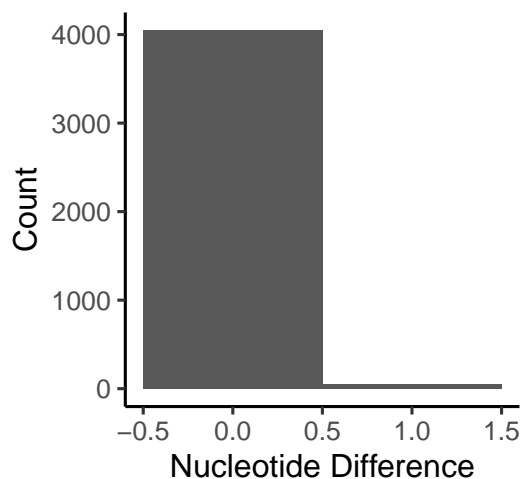
### TRBV7-8\*ap01

910 sequences assigned  
841 (92.4%) exact matches, in which:  
816 unique CDR3  
13 unique J



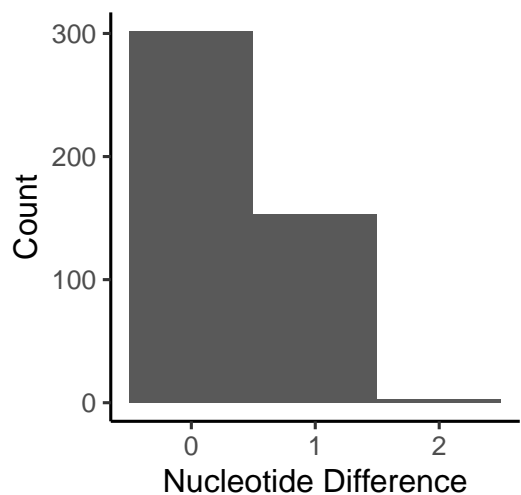
### TRBV29-1\*ap01

4094 sequences assigned  
4047 (98.9%) exact matches, in which:  
3896 unique CDR3  
13 unique J



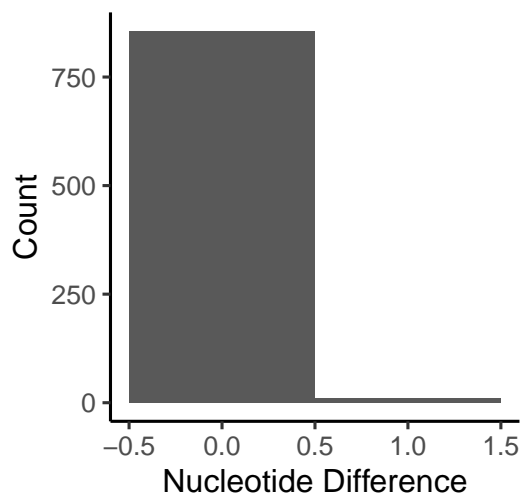
### TRBV7-8\*ap03

458 sequences assigned  
302 (65.9%) exact matches, in which:  
296 unique CDR3  
13 unique J



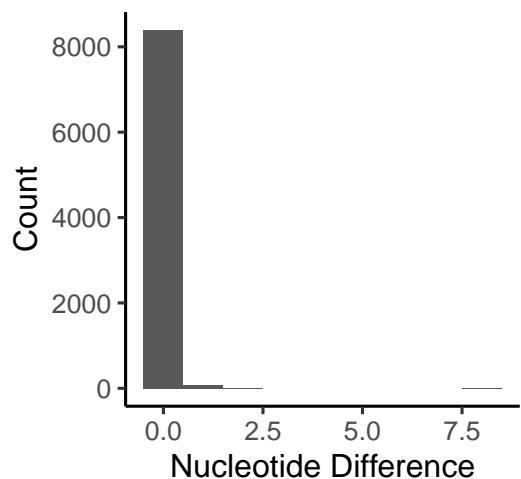
### TRBV29-1\*ap02

867 sequences assigned  
856 (98.7%) exact matches, in which:  
825 unique CDR3  
13 unique J

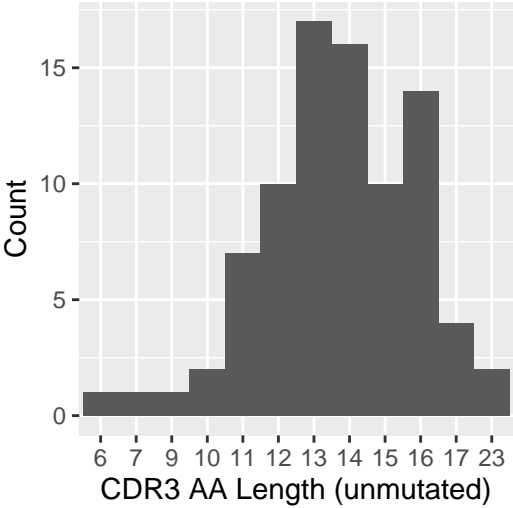


### TRBV7-9\*ap01

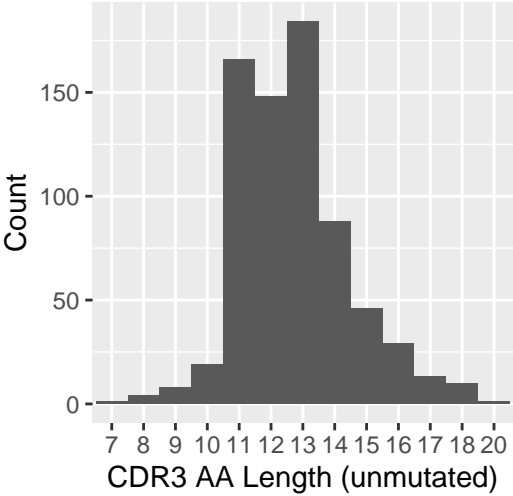
8473 sequences assigned  
8393 (99.1%) exact matches, in which:  
8213 unique CDR3  
13 unique J



TRBV7-1\*ap01\_G291C\_T296C



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.