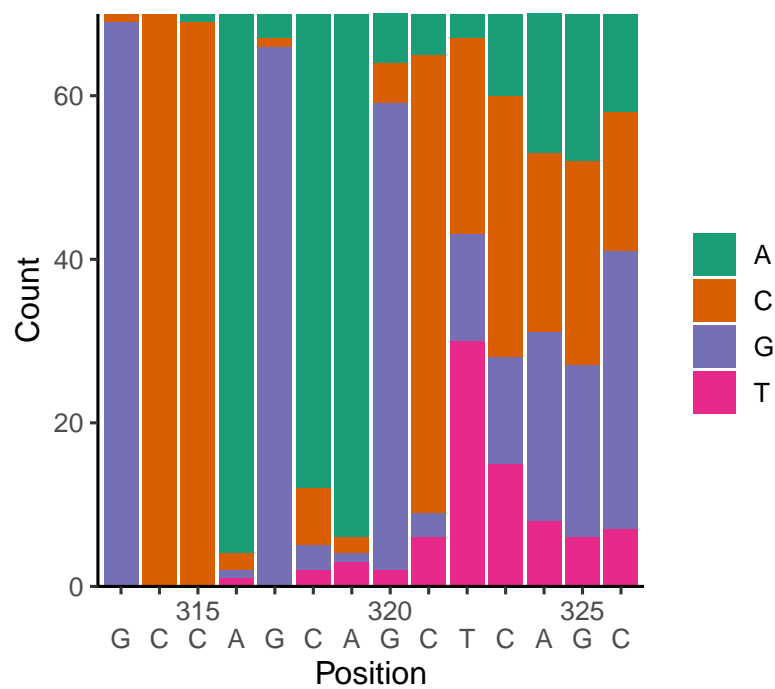
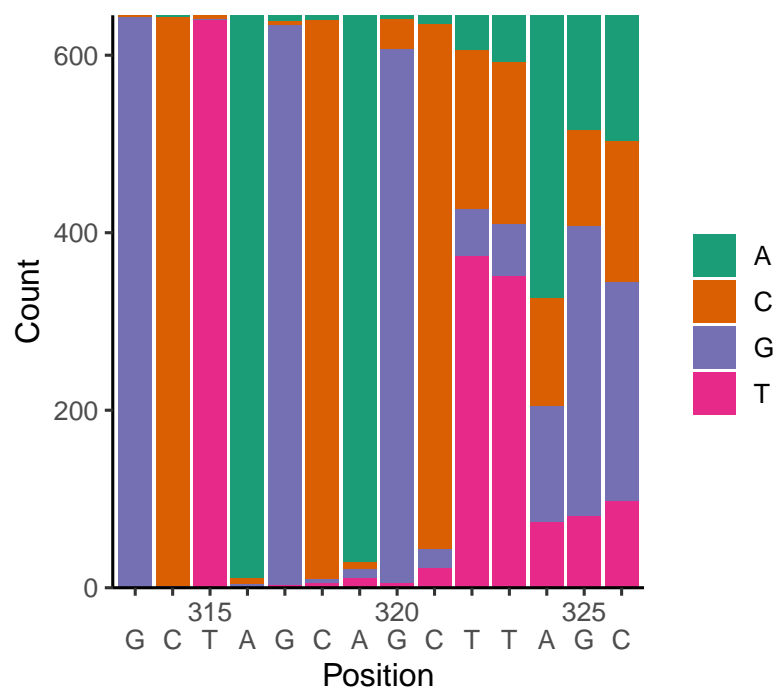


Gene TRBV7-1\*ap01\_T296C



Gene TRBV7-7\*ap01\_C315T



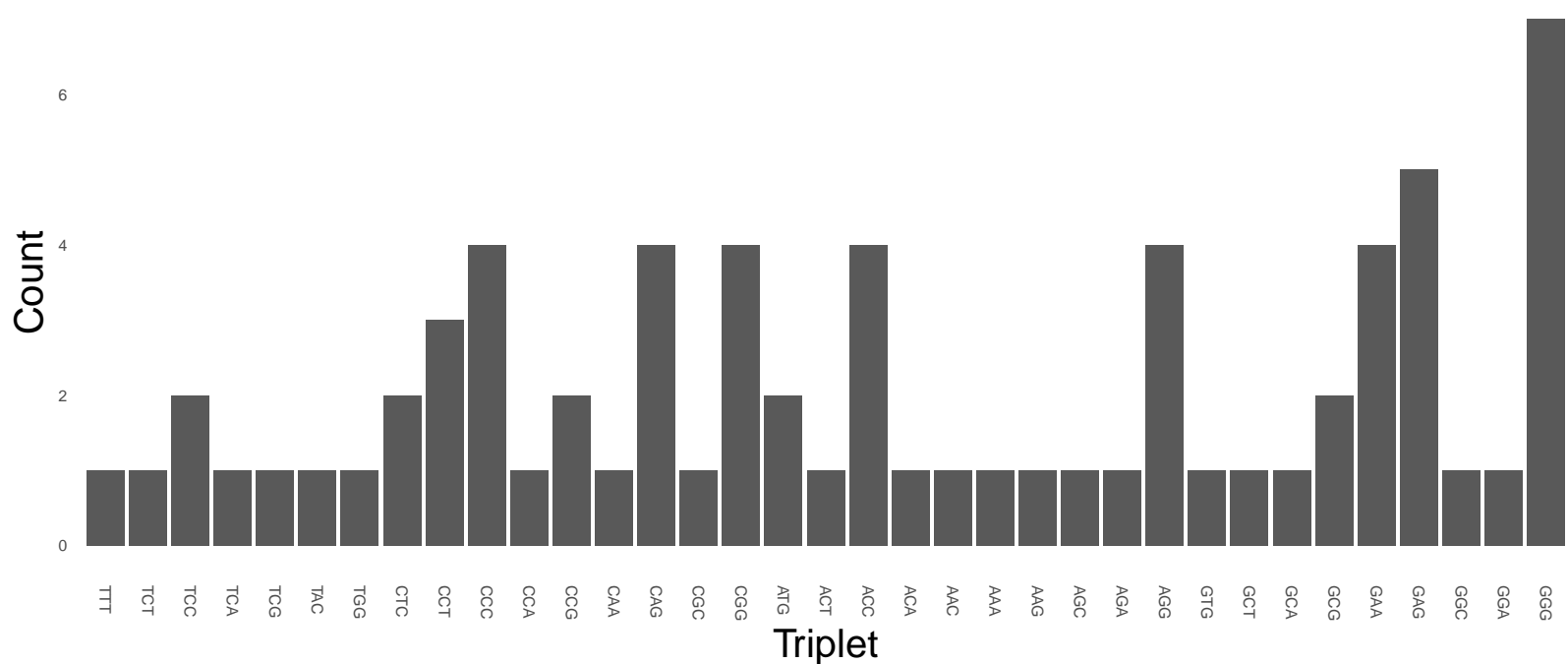
Gene TRBV7-1\*ap01\_T296C



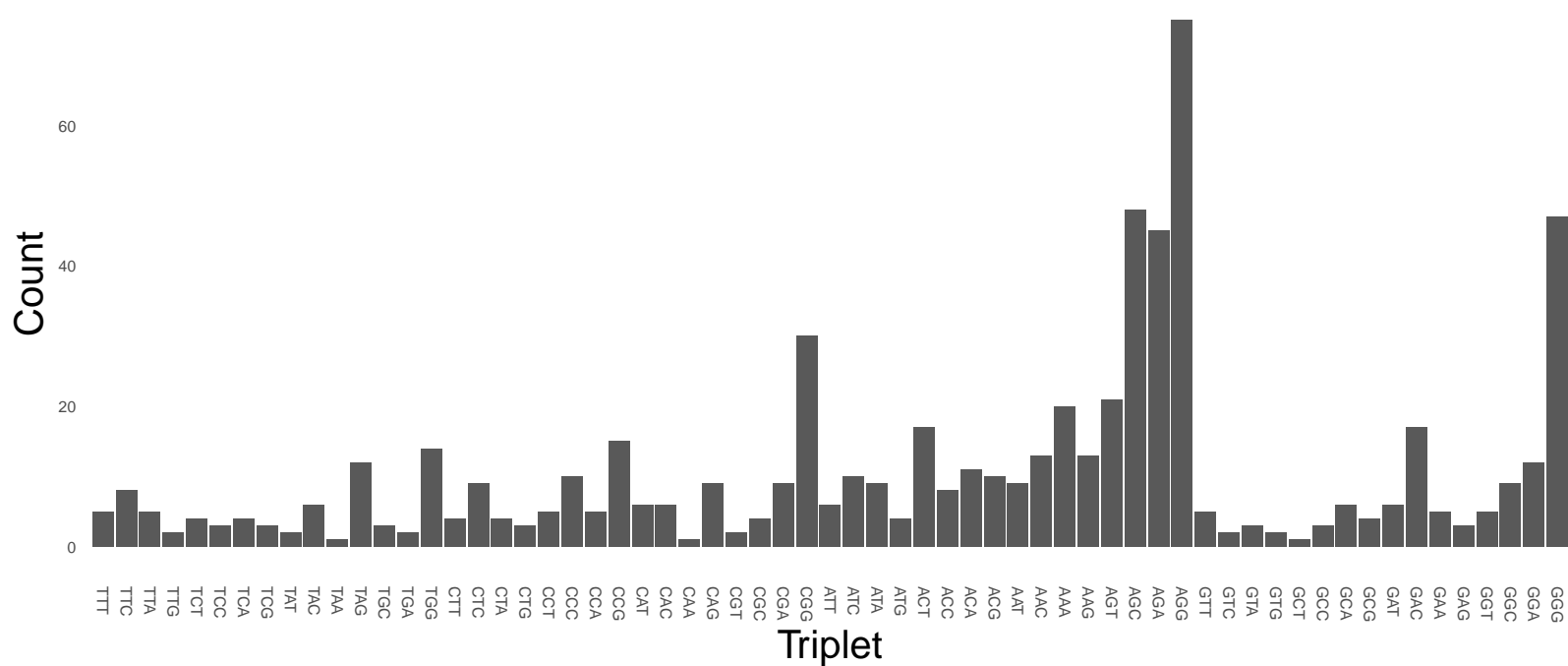
Gene TRBV7-7\*ap01\_C315T



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

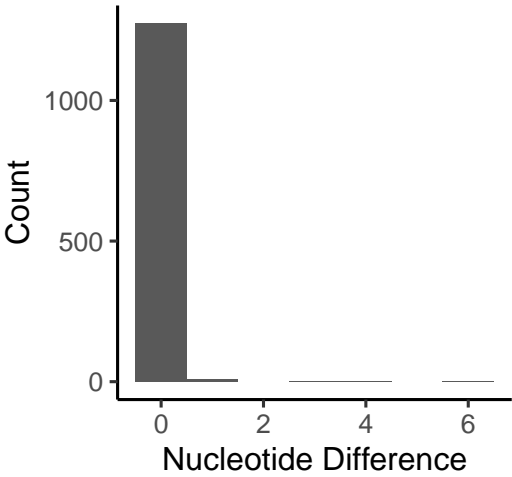


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



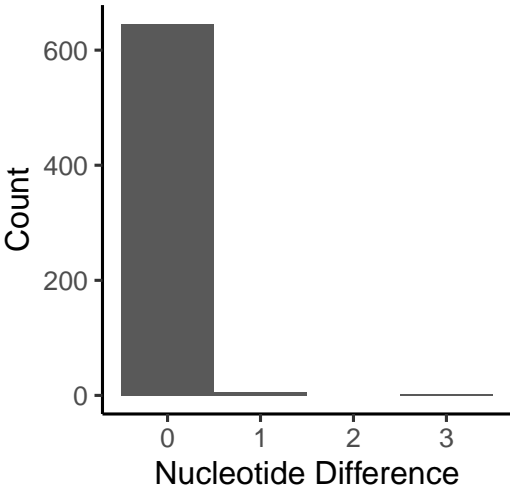
TRBV10-1\*ap01

1287 sequences assigned  
1274 (99%) exact matches, in which:  
1250 unique CDR3  
13 unique J



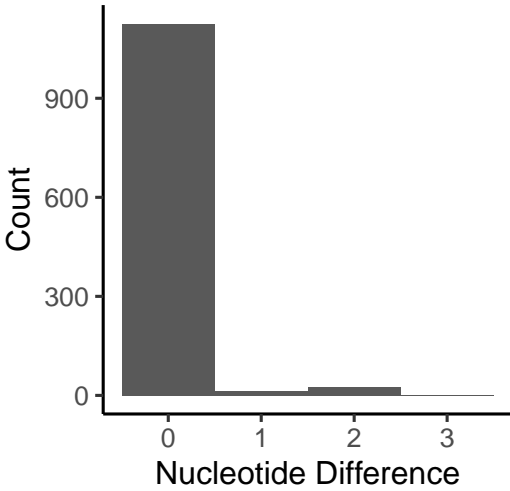
TRBV10-2\*ap01

654 sequences assigned  
646 (98.8%) exact matches, in which:  
626 unique CDR3  
13 unique J



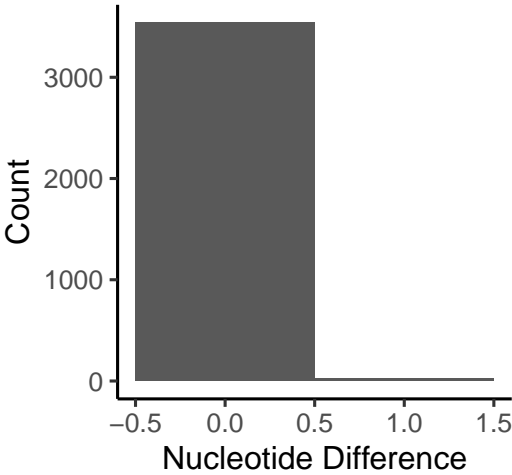
TRBV13\*ap01

1167 sequences assigned  
1126 (96.5%) exact matches, in which:  
1085 unique CDR3  
13 unique J



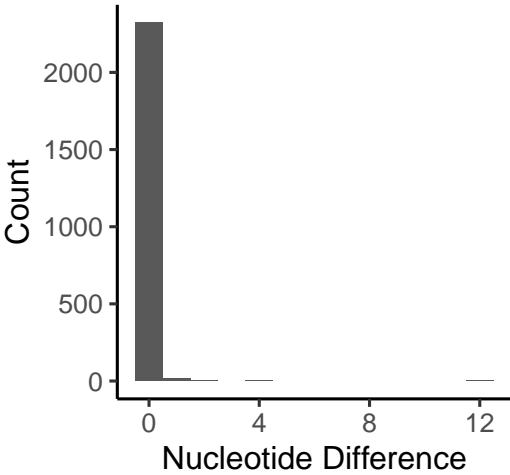
TRBV20-1\*ap01

3564 sequences assigned  
3539 (99.3%) exact matches, in which:  
3505 unique CDR3  
13 unique J



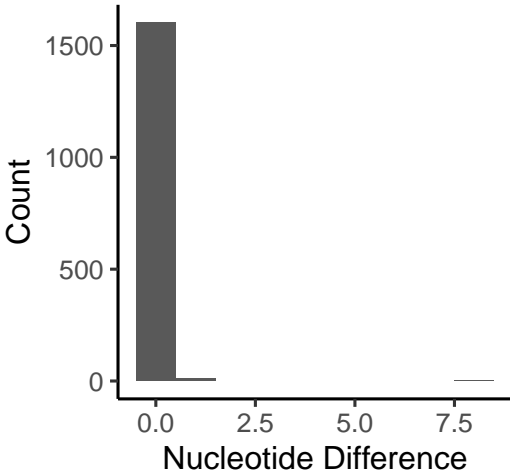
TRBV10-3\*ap01

2348 sequences assigned  
2322 (98.9%) exact matches, in which:  
2271 unique CDR3  
13 unique J



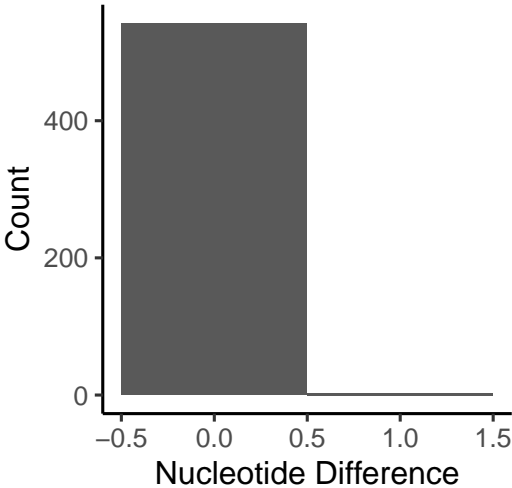
TRBV14\*ap01

1614 sequences assigned  
1602 (99.3%) exact matches, in which:  
1579 unique CDR3  
13 unique J



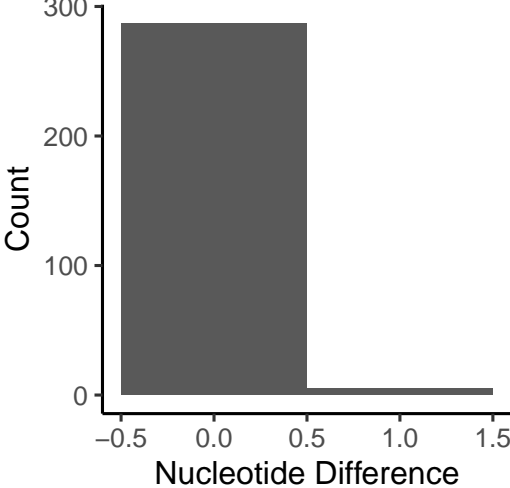
TRBV20-1\*ap02

545 sequences assigned  
542 (99.4%) exact matches, in which:  
538 unique CDR3  
13 unique J



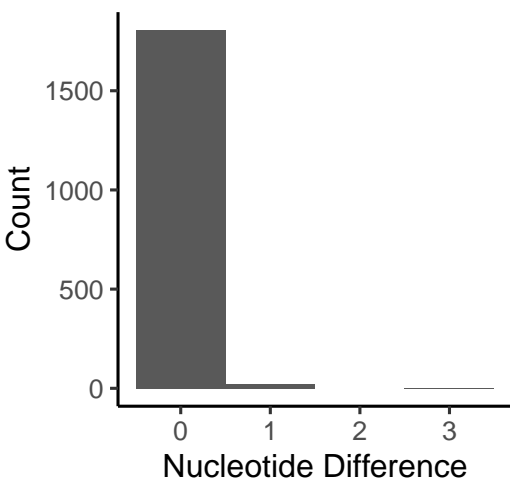
TRBV1\*ap01

292 sequences assigned  
287 (98.3%) exact matches, in which:  
277 unique CDR3  
13 unique J



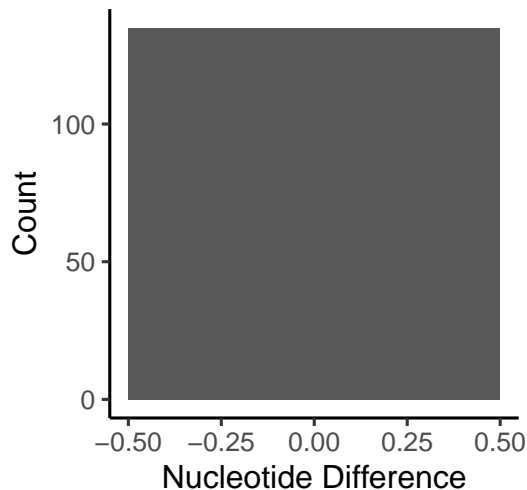
TRBV15\*ap02

1829 sequences assigned  
1806 (98.7%) exact matches, in which:  
1757 unique CDR3  
13 unique J



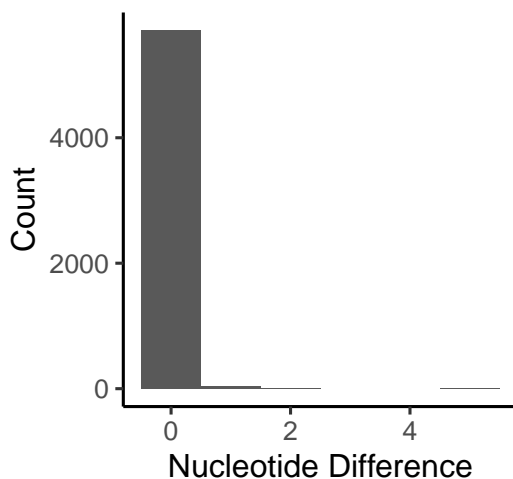
### TRBV16\*ap01

135 sequences assigned  
135 (100%) exact matches, in which:  
135 unique CDR3  
12 unique J



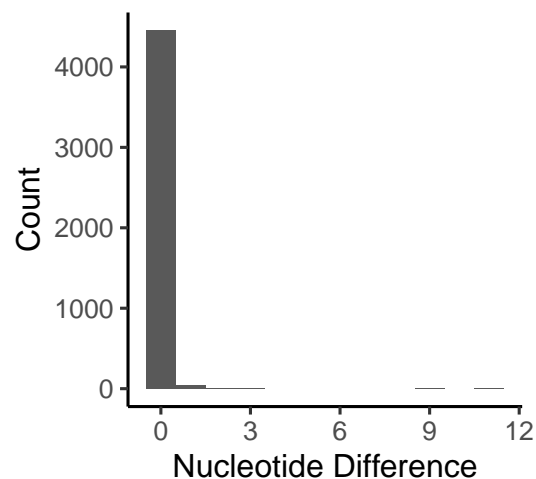
### TRBV19\*ap01

5751 sequences assigned  
5711 (99.3%) exact matches, in which:  
5650 unique CDR3  
13 unique J



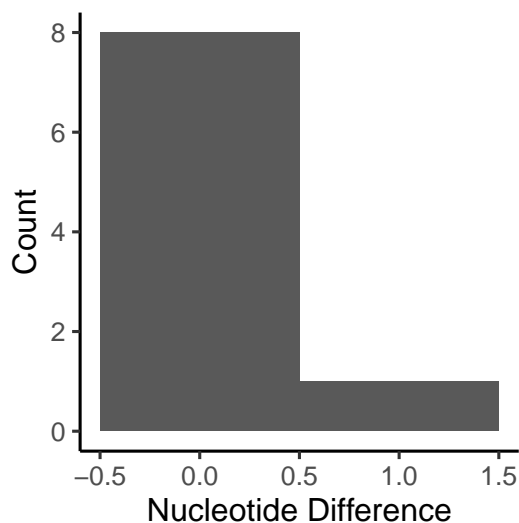
### TRBV27\*ap01

4507 sequences assigned  
4454 (98.8%) exact matches, in which:  
4368 unique CDR3  
13 unique J



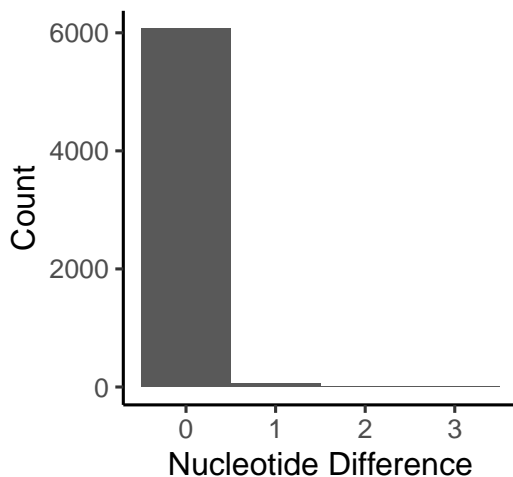
### TRBV17\*ap01

9 sequences assigned  
8 (88.9%) exact matches, in which:  
8 unique CDR3  
6 unique J



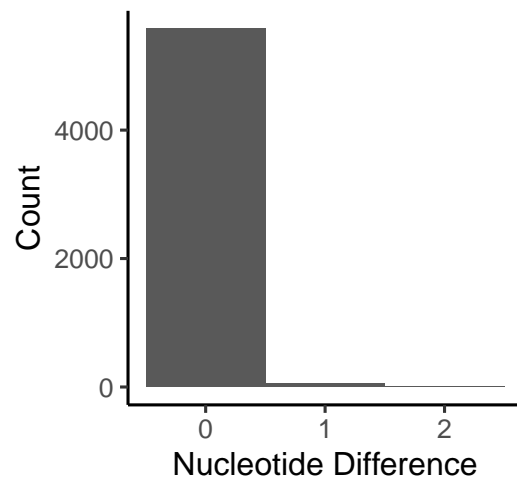
### TRBV2\*ap01

6133 sequences assigned  
6069 (99%) exact matches, in which:  
5930 unique CDR3  
13 unique J



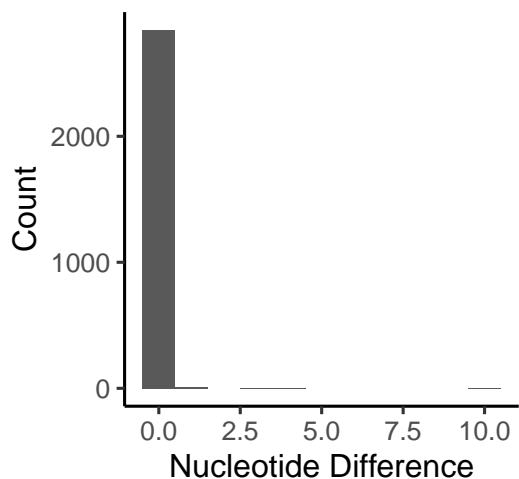
### TRBV28\*ap01

5638 sequences assigned  
5579 (99%) exact matches, in which:  
5487 unique CDR3  
13 unique J



### TRBV18\*ap01

2859 sequences assigned  
2843 (99.4%) exact matches, in which:  
2809 unique CDR3  
13 unique J



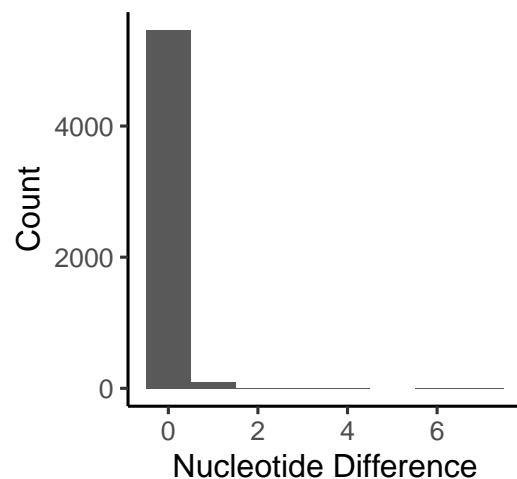
### TRBV26\*ap01

1 sequences assigned  
No exact matches.



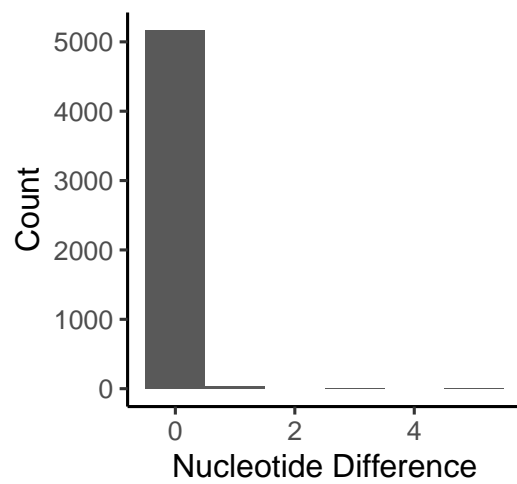
### TRBV30\*ap01

5567 sequences assigned  
5464 (98.1%) exact matches, in which:  
5244 unique CDR3  
13 unique J



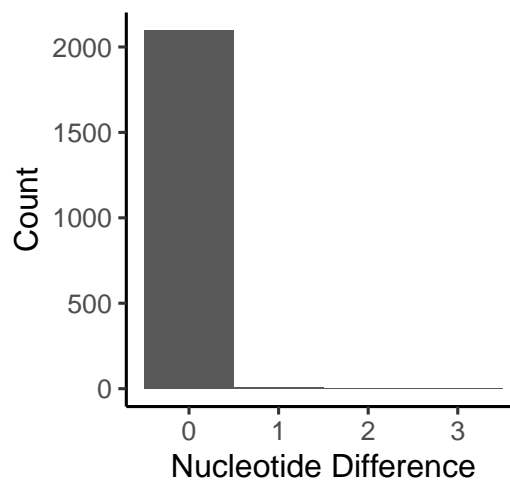
### TRBV9\*ap01

5210 sequences assigned  
5165 (99.1%) exact matches, in which:  
5098 unique CDR3  
13 unique J



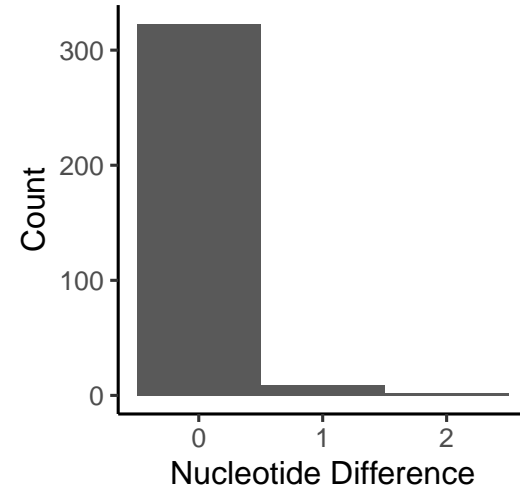
### TRBV11-2\*ap01

2105 sequences assigned  
2097 (99.6%) exact matches, in which:  
2079 unique CDR3  
13 unique J



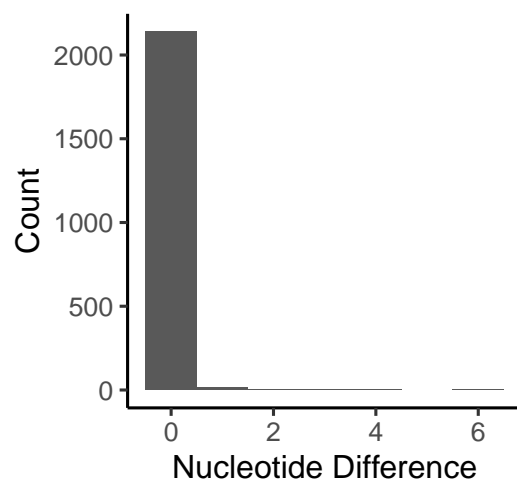
### TRBV12-2\*ap01

334 sequences assigned  
323 (96.7%) exact matches, in which:  
314 unique CDR3  
13 unique J



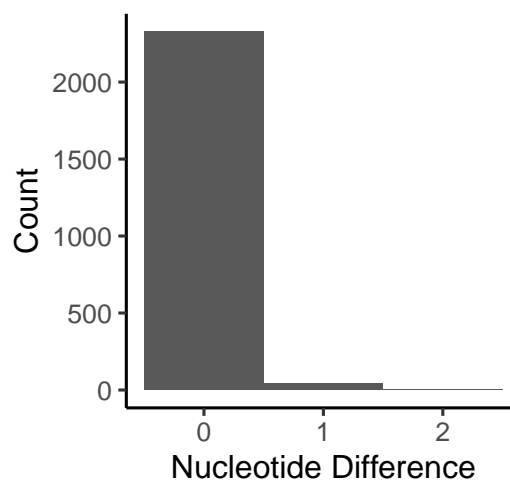
### TRBV21-1\*ap01

2160 sequences assigned  
2139 (99%) exact matches, in which:  
2123 unique CDR3  
13 unique J



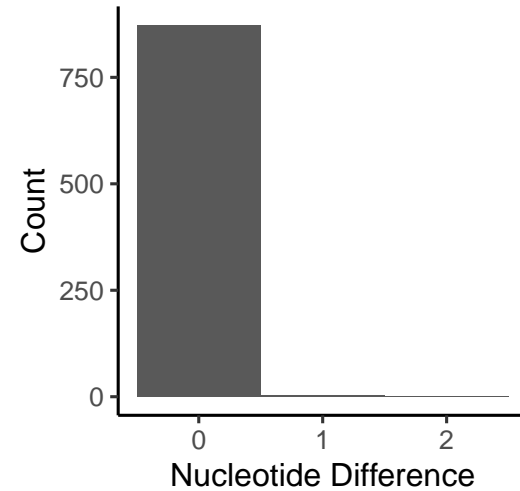
### TRBV11-3\*ap01

2369 sequences assigned  
2327 (98.2%) exact matches, in which:  
2298 unique CDR3  
13 unique J



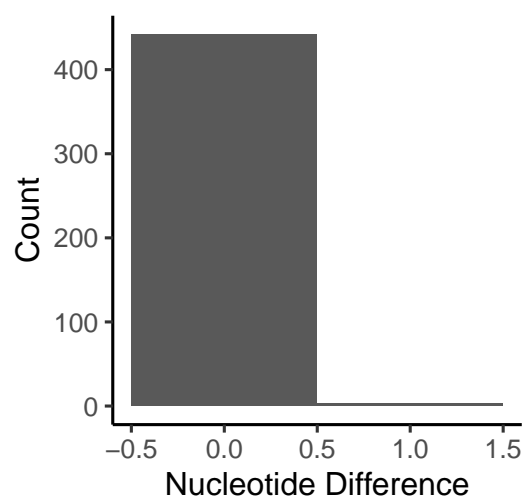
### TRBV12-5\*ap01

878 sequences assigned  
873 (99.4%) exact matches, in which:  
861 unique CDR3  
13 unique J



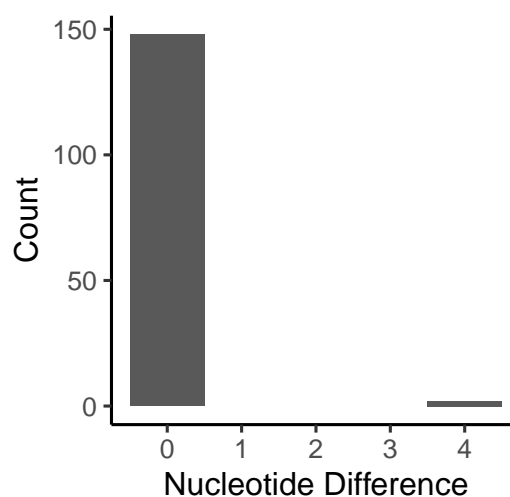
### TRBV11-1\*ap01

445 sequences assigned  
442 (99.3%) exact matches, in which:  
440 unique CDR3  
13 unique J



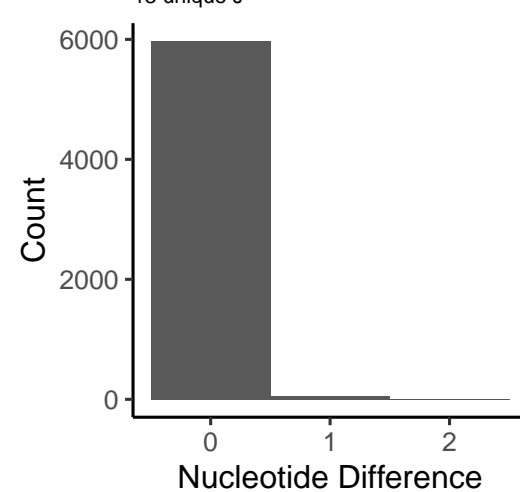
### TRBV12-1\*ap01

150 sequences assigned  
148 (98.7%) exact matches, in which:  
146 unique CDR3  
13 unique J



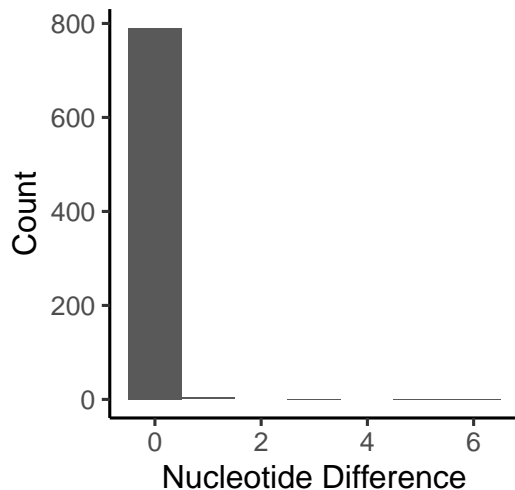
### TRBV12-34\*ap01

6032 sequences assigned  
5972 (99%) exact matches, in which:  
5874 unique CDR3  
13 unique J



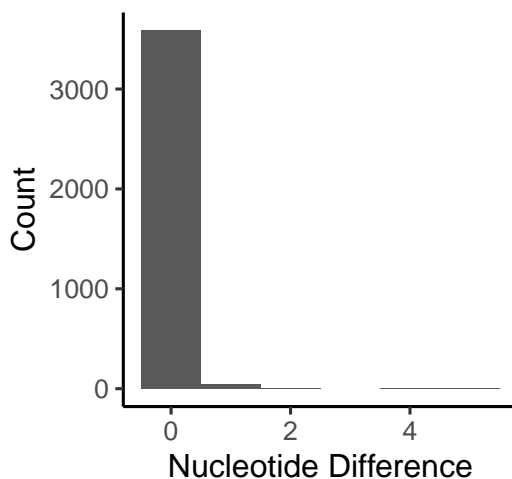
### TRBV23–1\*ap01

798 sequences assigned  
791 (99.1%) exact matches, in which:  
775 unique CDR3  
13 unique J



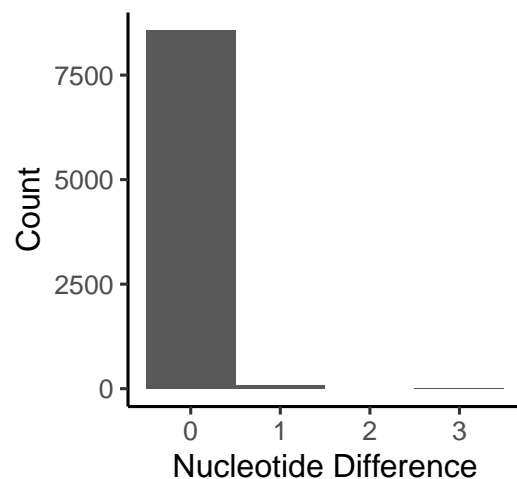
### TRBV24–1\*ap01

3641 sequences assigned  
3587 (98.5%) exact matches, in which:  
3496 unique CDR3  
13 unique J



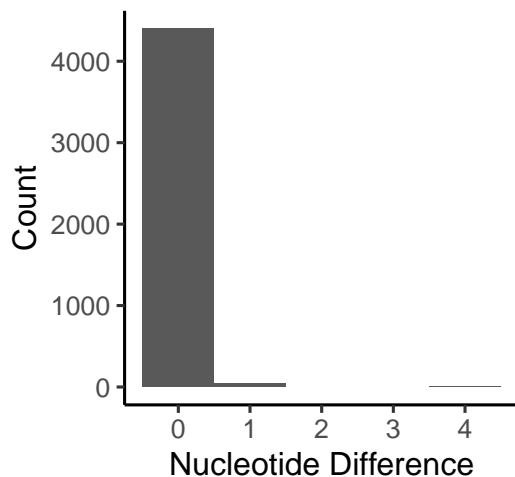
### TRBV5–1\*ap01

8662 sequences assigned  
8568 (98.9%) exact matches, in which:  
8345 unique CDR3  
13 unique J



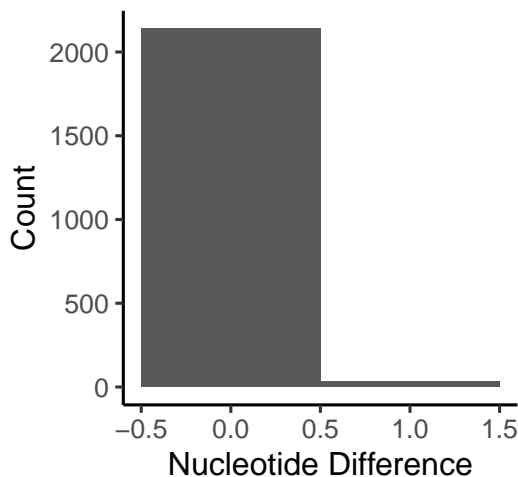
### TRBV3–12\*ap01

4441 sequences assigned  
4399 (99.1%) exact matches, in which:  
4332 unique CDR3  
13 unique J



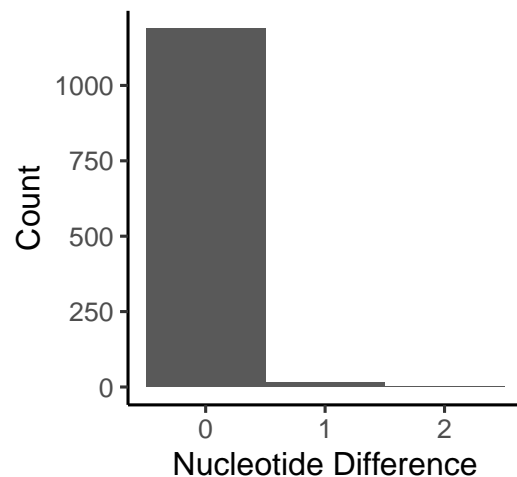
### TRBV4–2\*ap01

2171 sequences assigned  
2139 (98.5%) exact matches, in which:  
2087 unique CDR3  
13 unique J



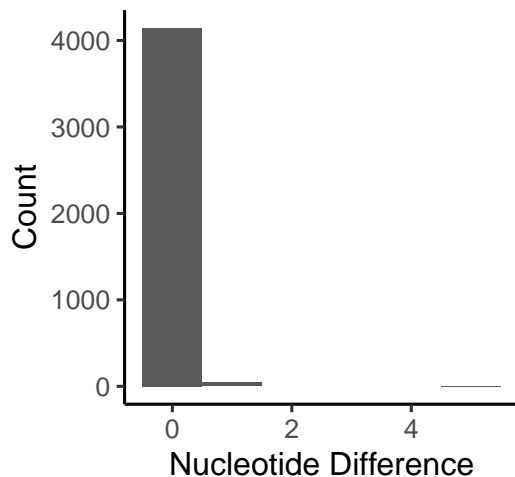
### TRBV25–1\*ap01

1205 sequences assigned  
1188 (98.6%) exact matches, in which:  
1143 unique CDR3  
13 unique J



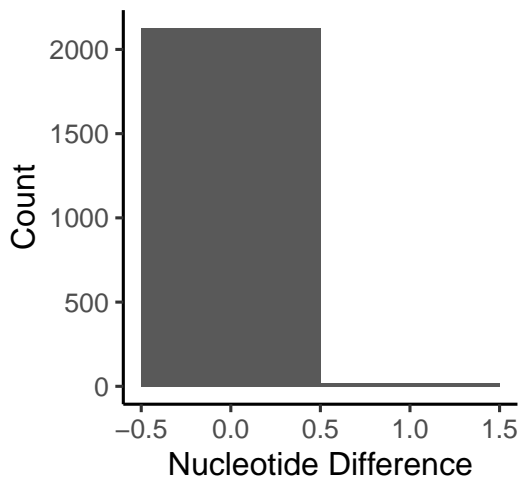
### TRBV4–1\*ap01

4189 sequences assigned  
4144 (98.9%) exact matches, in which:  
4044 unique CDR3  
13 unique J



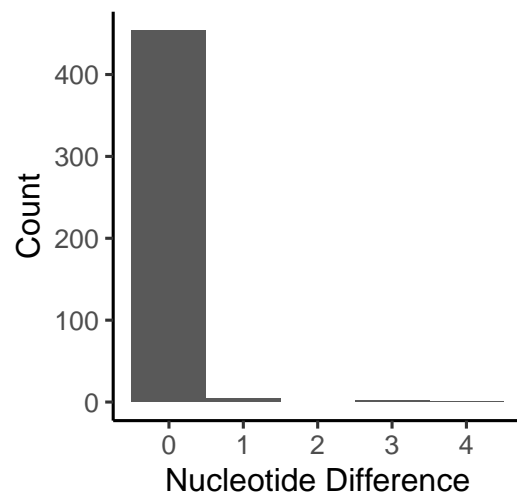
### TRBV4–3\*ap01

2145 sequences assigned  
2127 (99.2%) exact matches, in which:  
2092 unique CDR3  
13 unique J



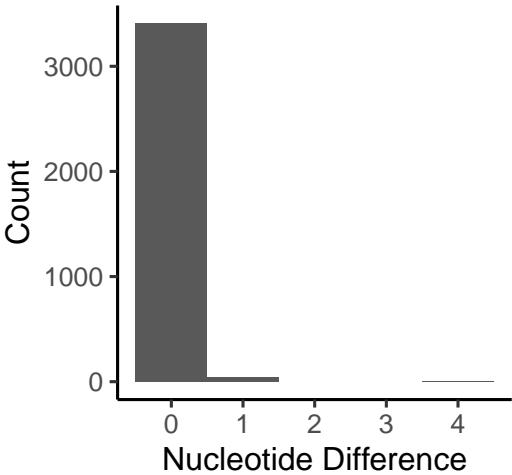
### TRBV5–3\*ap01

461 sequences assigned  
454 (98.5%) exact matches, in which:  
444 unique CDR3  
13 unique J



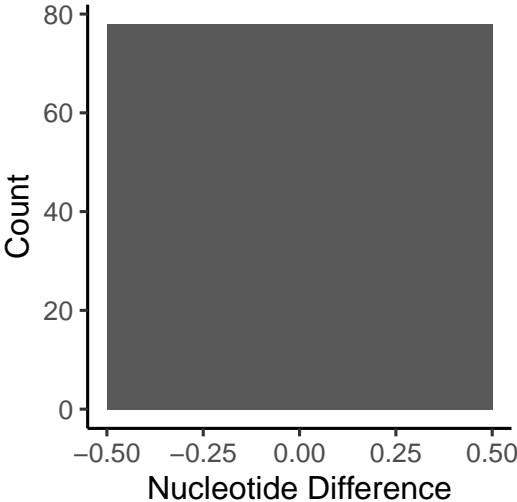
TRBV5-4\*ap01

3453 sequences assigned  
3408 (98.7%) exact matches, in which:  
3339 unique CDR3  
13 unique J



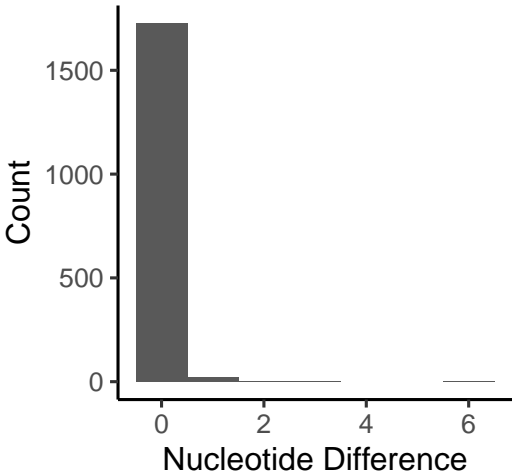
TRBV5-7\*ap01

78 sequences assigned  
78 (100%) exact matches, in which:  
74 unique CDR3  
12 unique J



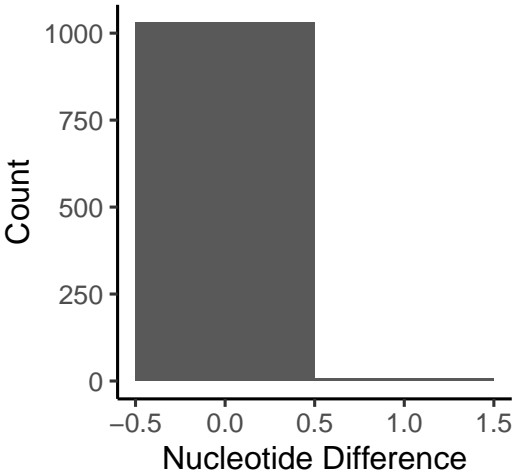
TRBV6-4\*ap01

1753 sequences assigned  
1726 (98.5%) exact matches, in which:  
1701 unique CDR3  
13 unique J



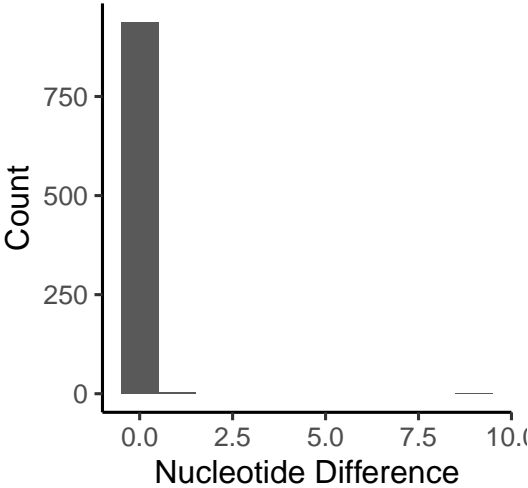
TRBV5-5\*ap01

1037 sequences assigned  
1030 (99.3%) exact matches, in which:  
1022 unique CDR3  
13 unique J



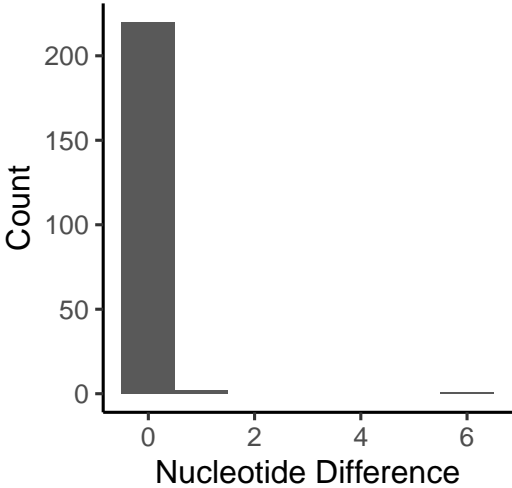
TRBV5-8\*ap01

943 sequences assigned  
938 (99.5%) exact matches, in which:  
917 unique CDR3  
13 unique J



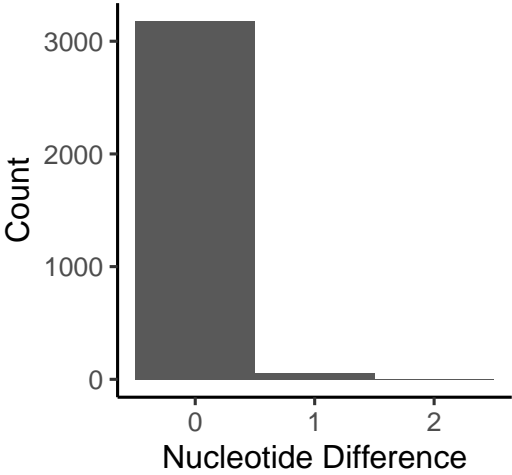
TRBV6-7\*ap01

223 sequences assigned  
220 (98.7%) exact matches, in which:  
215 unique CDR3  
13 unique J



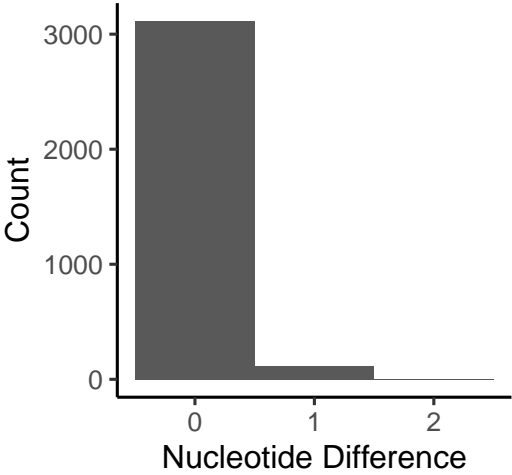
TRBV5-6\*ap01

3234 sequences assigned  
3179 (98.3%) exact matches, in which:  
3069 unique CDR3  
13 unique J



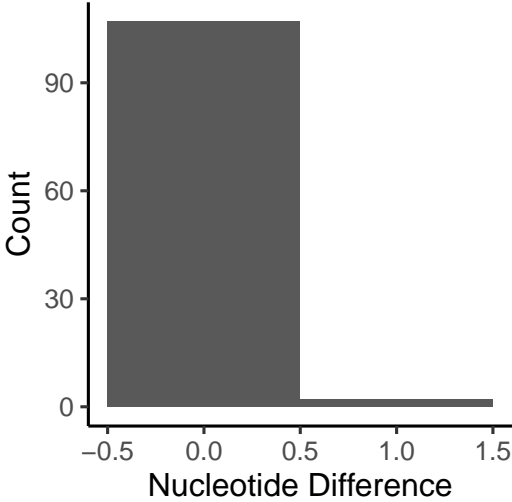
TRBV6-1\*ap01

3229 sequences assigned  
3114 (96.4%) exact matches, in which:  
3027 unique CDR3  
13 unique J



TRBV6-8\*ap01

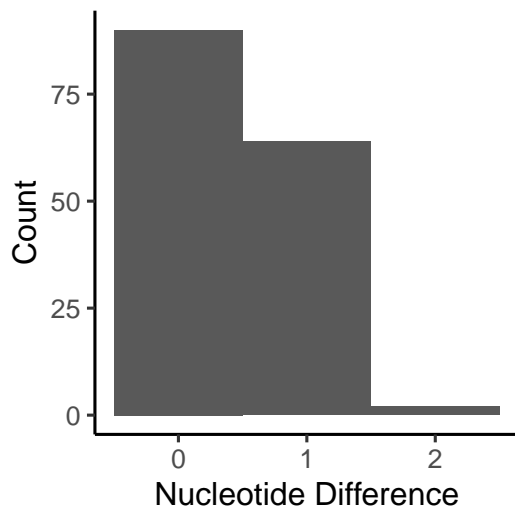
109 sequences assigned  
107 (98.2%) exact matches, in which:  
104 unique CDR3  
13 unique J





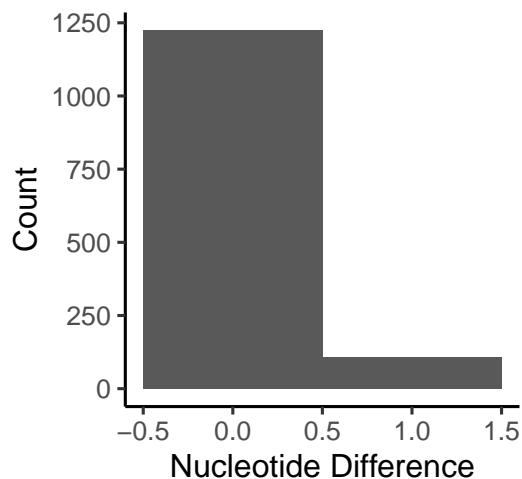
### TRBV6-9\*ap01

156 sequences assigned  
90 (57.7%) exact matches, in which:  
86 unique CDR3  
13 unique J



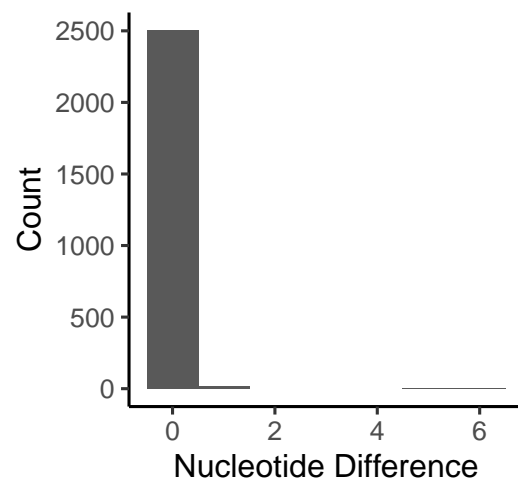
### TRBV6-56\*ap02

1332 sequences assigned  
1224 (91.9%) exact matches, in which:  
1200 unique CDR3  
13 unique J



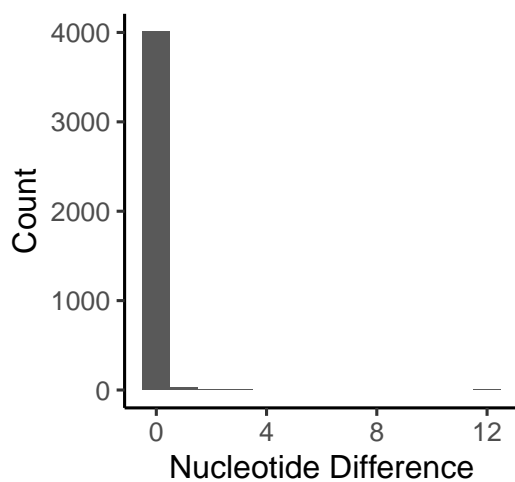
### TRBV7-3\*ap01

2522 sequences assigned  
2503 (99.2%) exact matches, in which:  
2479 unique CDR3  
13 unique J



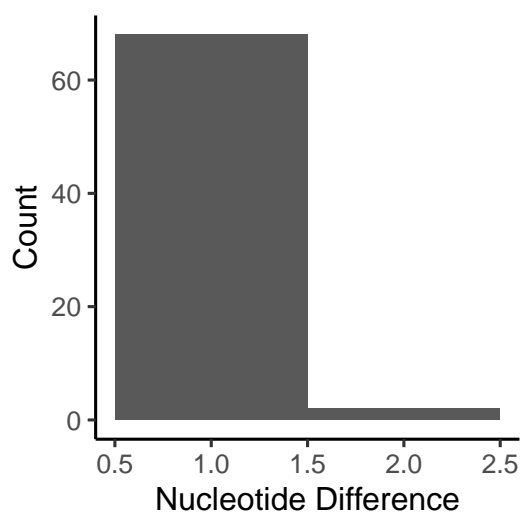
### TRBV6-23\*ap01

4048 sequences assigned  
4008 (99%) exact matches, in which:  
3854 unique CDR3  
13 unique J



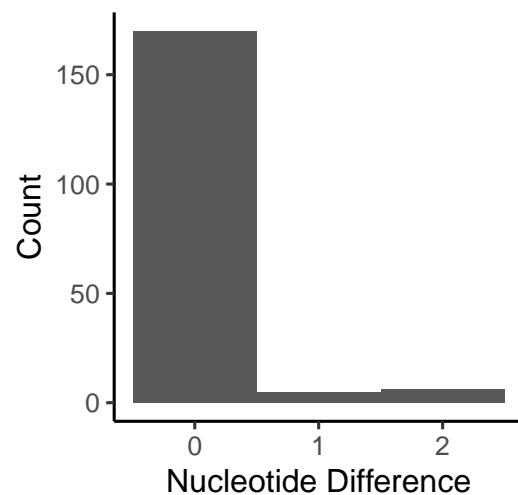
### TRBV7-1\*ap01\_T296C

70 sequences assigned  
No exact matches.



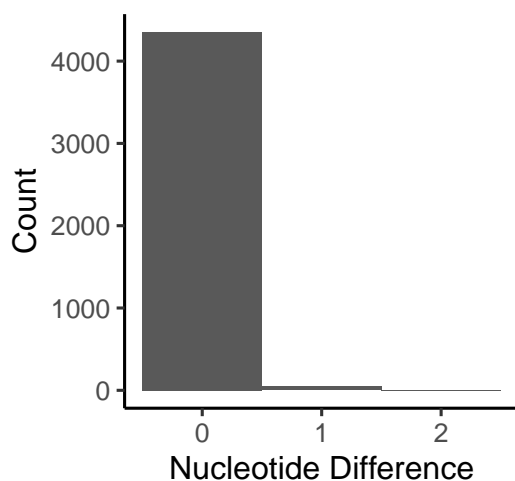
### TRBV7-4\*ap01

181 sequences assigned  
170 (93.9%) exact matches, in which:  
168 unique CDR3  
13 unique J



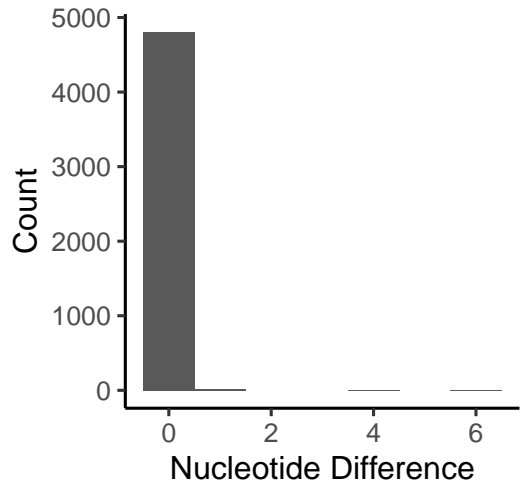
### TRBV6-56\*ap01

4402 sequences assigned  
4353 (98.9%) exact matches, in which:  
4197 unique CDR3  
13 unique J



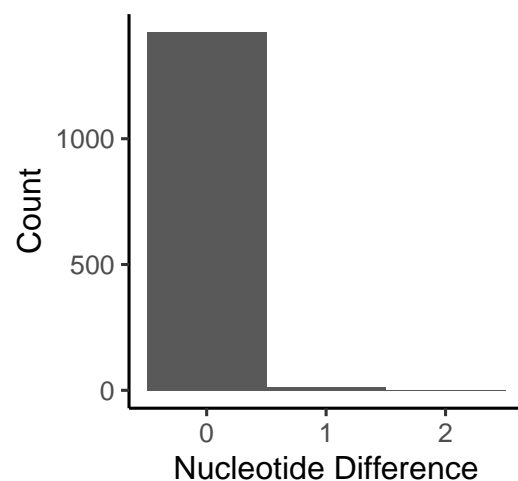
### TRBV7-2\*ap01

4828 sequences assigned  
4805 (99.5%) exact matches, in which:  
4735 unique CDR3  
13 unique J



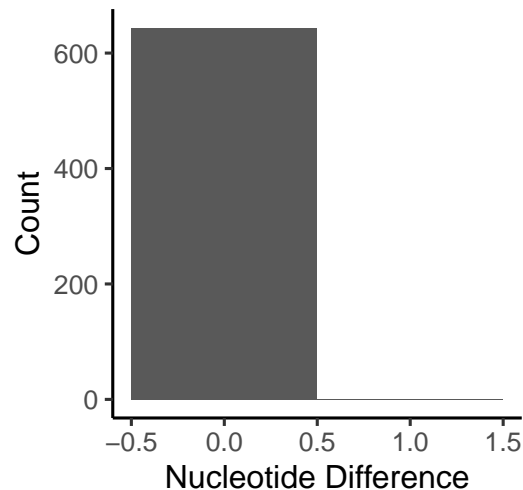
### TRBV7-6\*ap01

1437 sequences assigned  
1424 (99.1%) exact matches, in which:  
1391 unique CDR3  
13 unique J



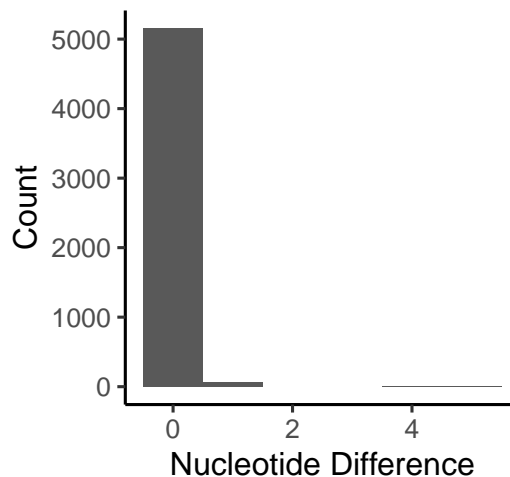
### TRBV7-7\*ap01\_C315T

645 sequences assigned  
644 (99.8%) exact matches, in which:  
632 unique CDR3  
13 unique J



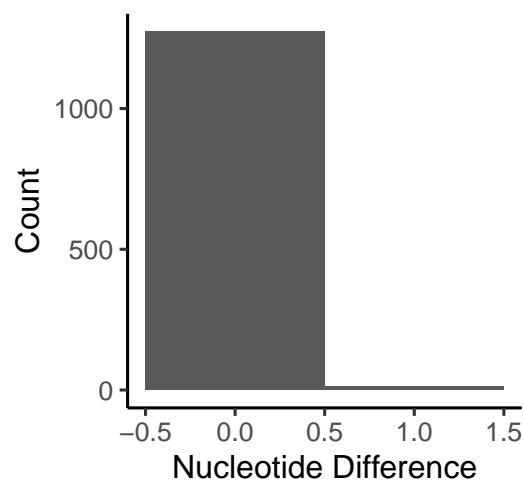
### TRBV7-9\*ap01

5214 sequences assigned  
5154 (98.8%) exact matches, in which:  
5054 unique CDR3  
13 unique J



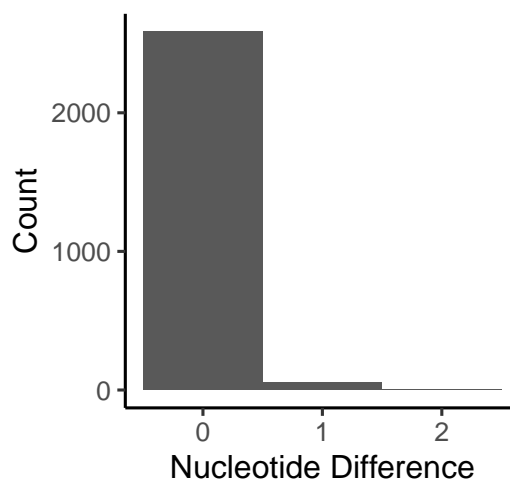
### TRBV7-8\*ap01

1287 sequences assigned  
1273 (98.9%) exact matches, in which:  
1245 unique CDR3  
13 unique J



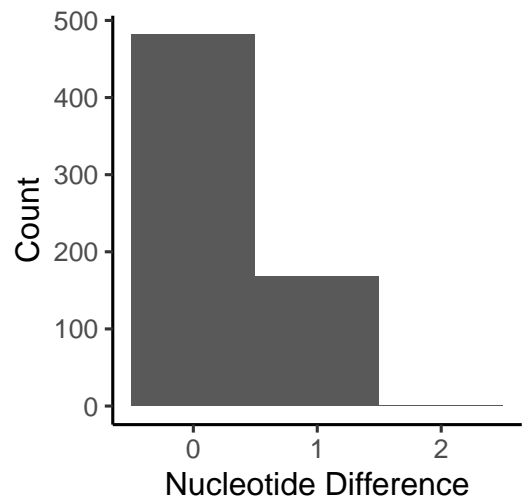
### TRBV29-1\*ap01

2641 sequences assigned  
2585 (97.9%) exact matches, in which:  
2474 unique CDR3  
13 unique J



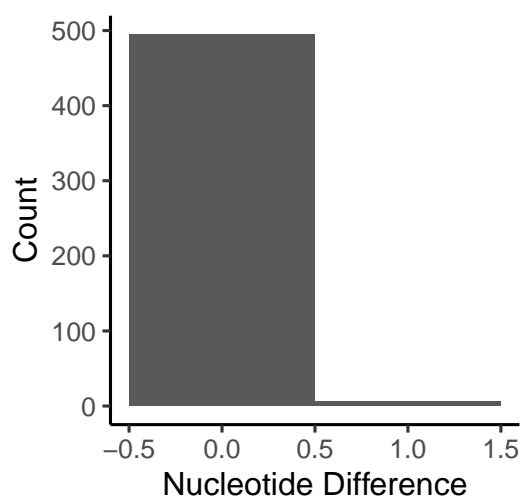
### TRBV7-8\*ap03

651 sequences assigned  
482 (74%) exact matches, in which:  
475 unique CDR3  
13 unique J

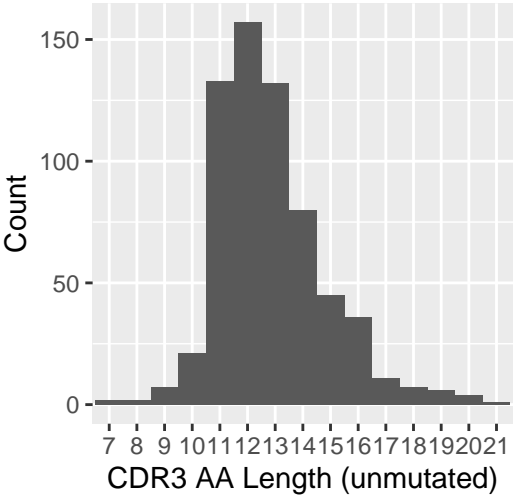


### TRBV29-1\*ap02

501 sequences assigned  
495 (98.8%) exact matches, in which:  
469 unique CDR3  
13 unique J



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.

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