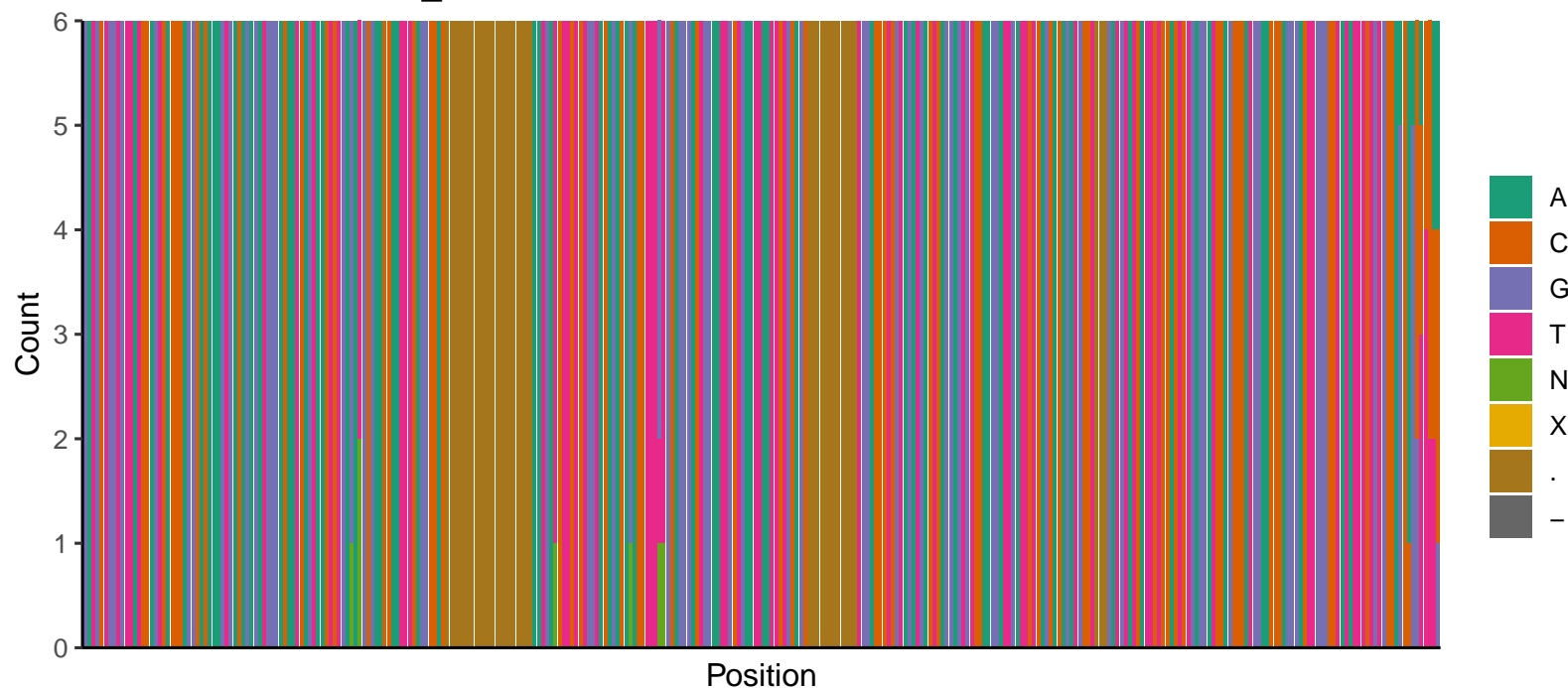
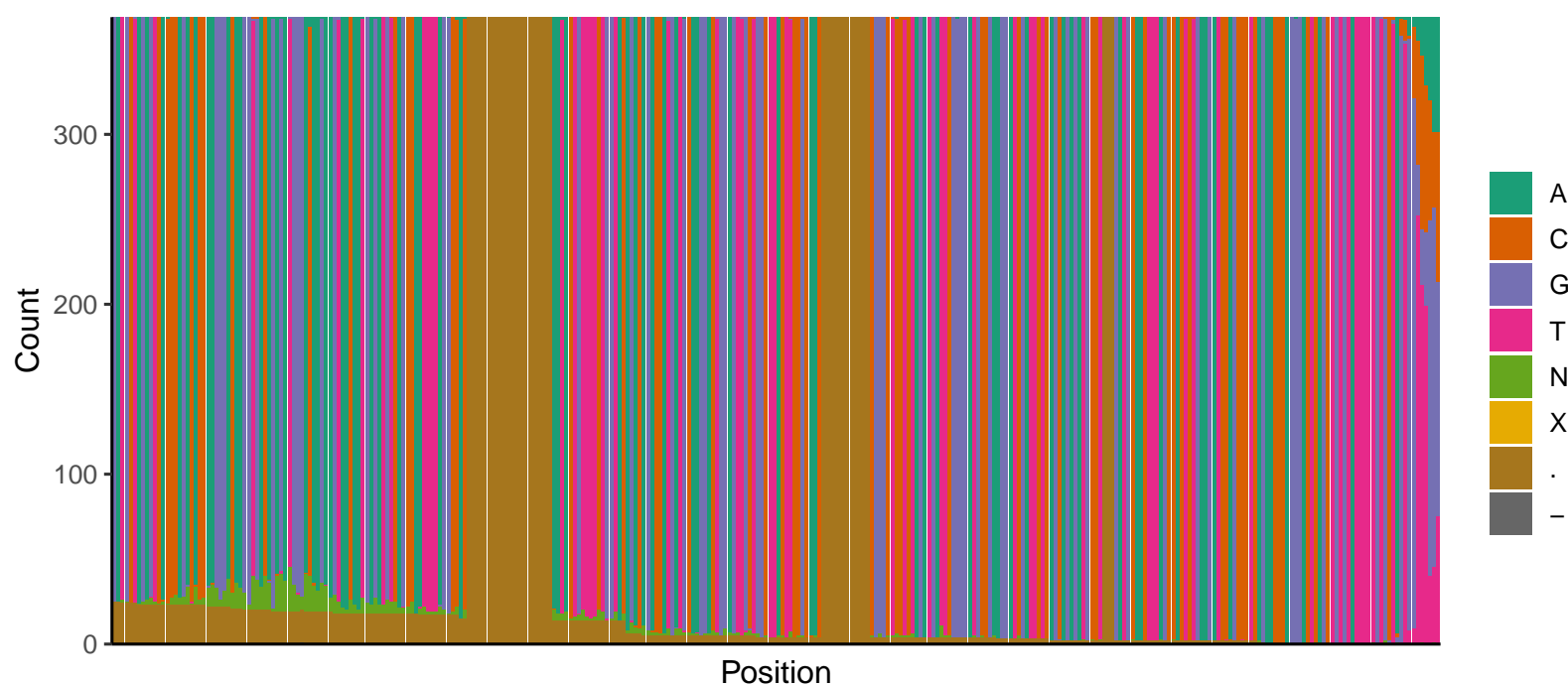


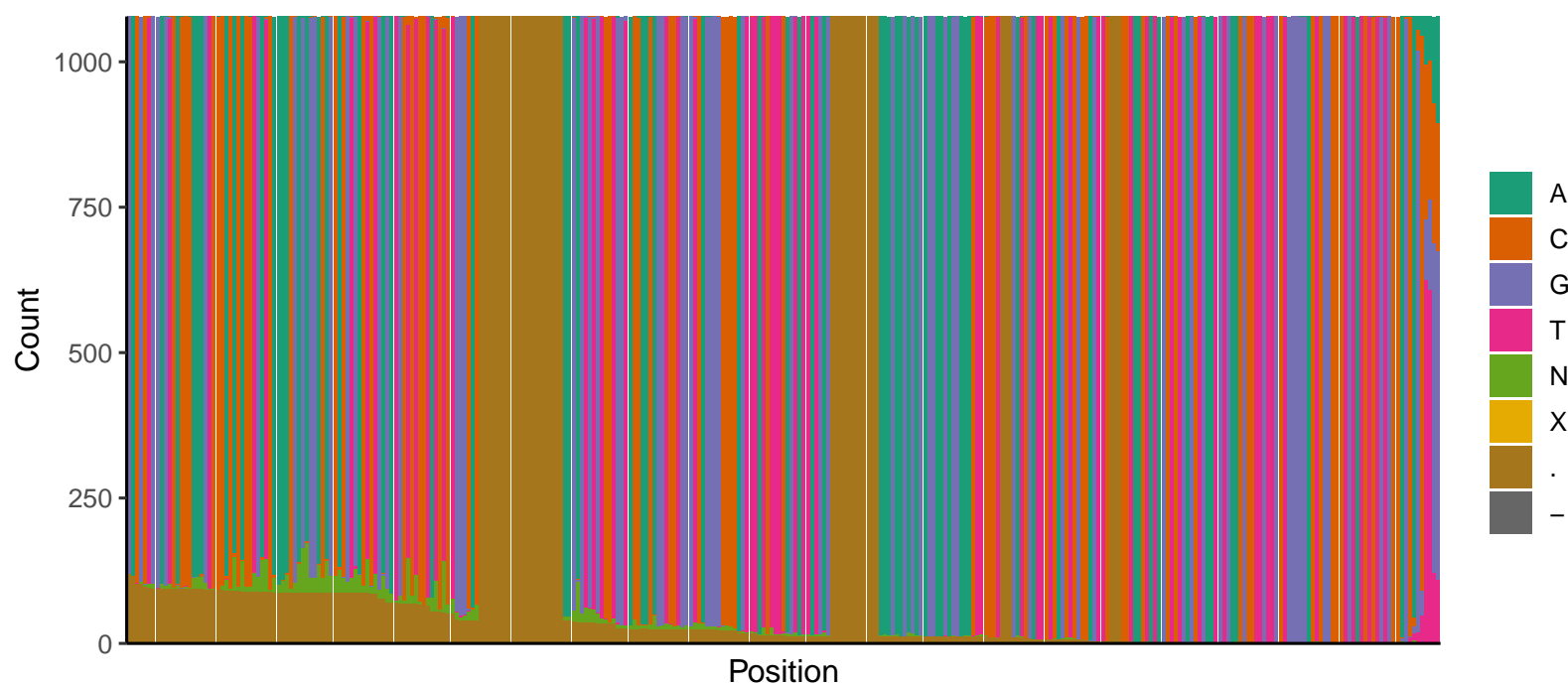
Gene TRBV12-1\*01\_C165A



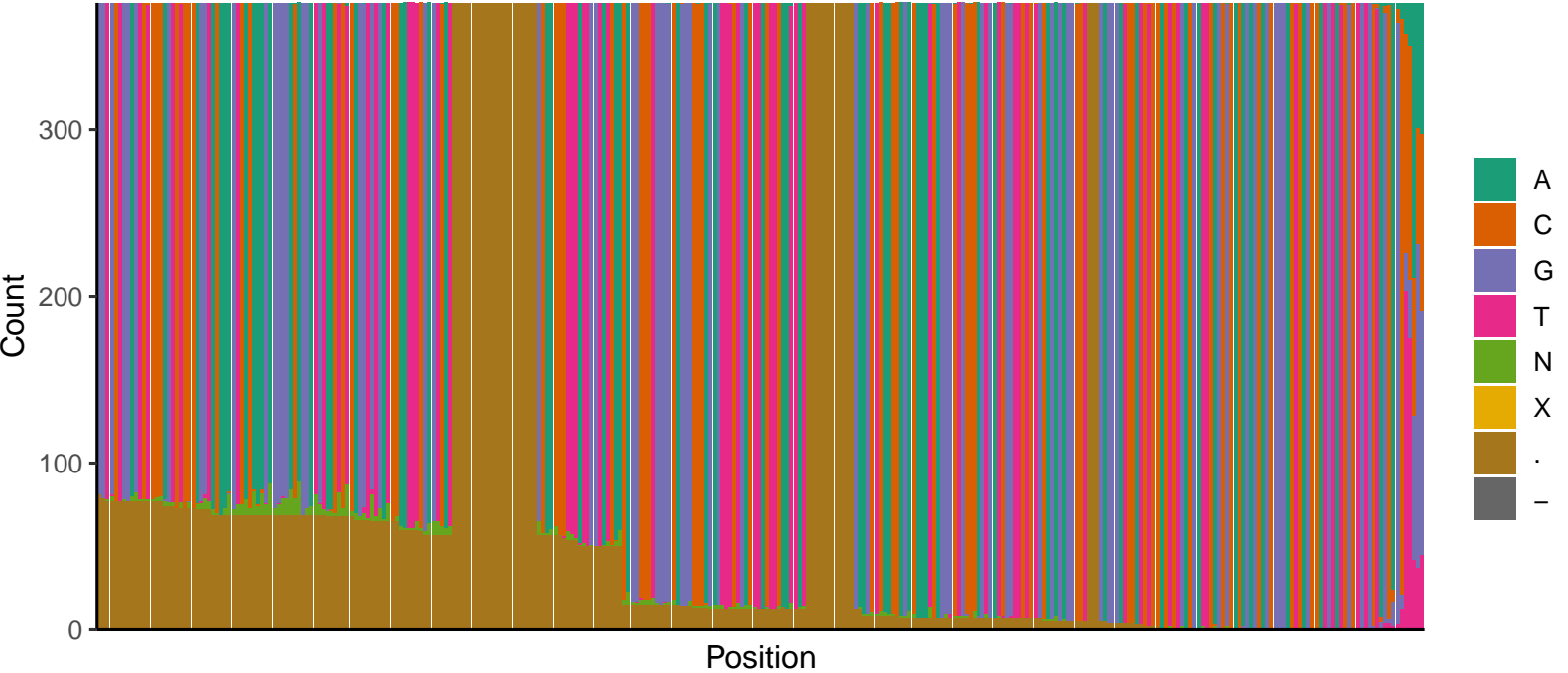
Gene TRBV12-5\*01\_C28G



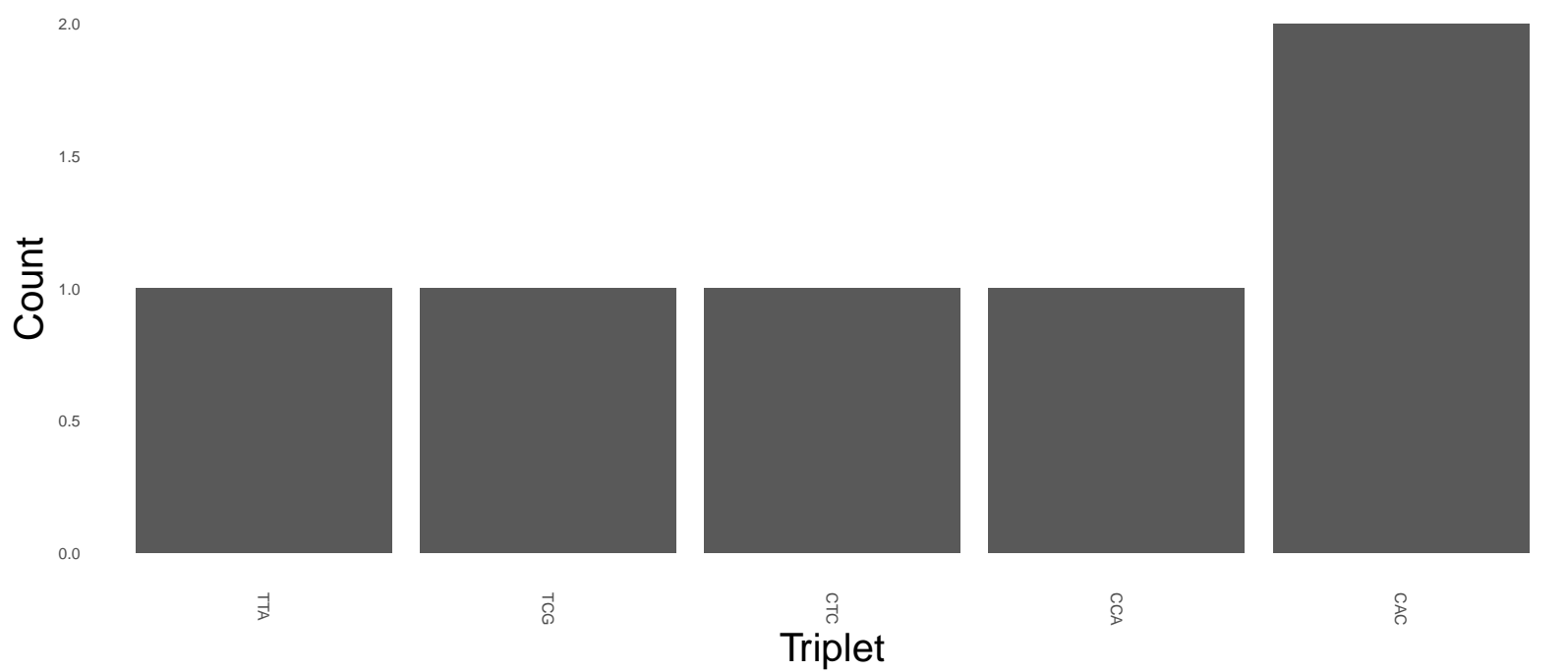
Gene TRBV5-5\*02\_322TTGG325



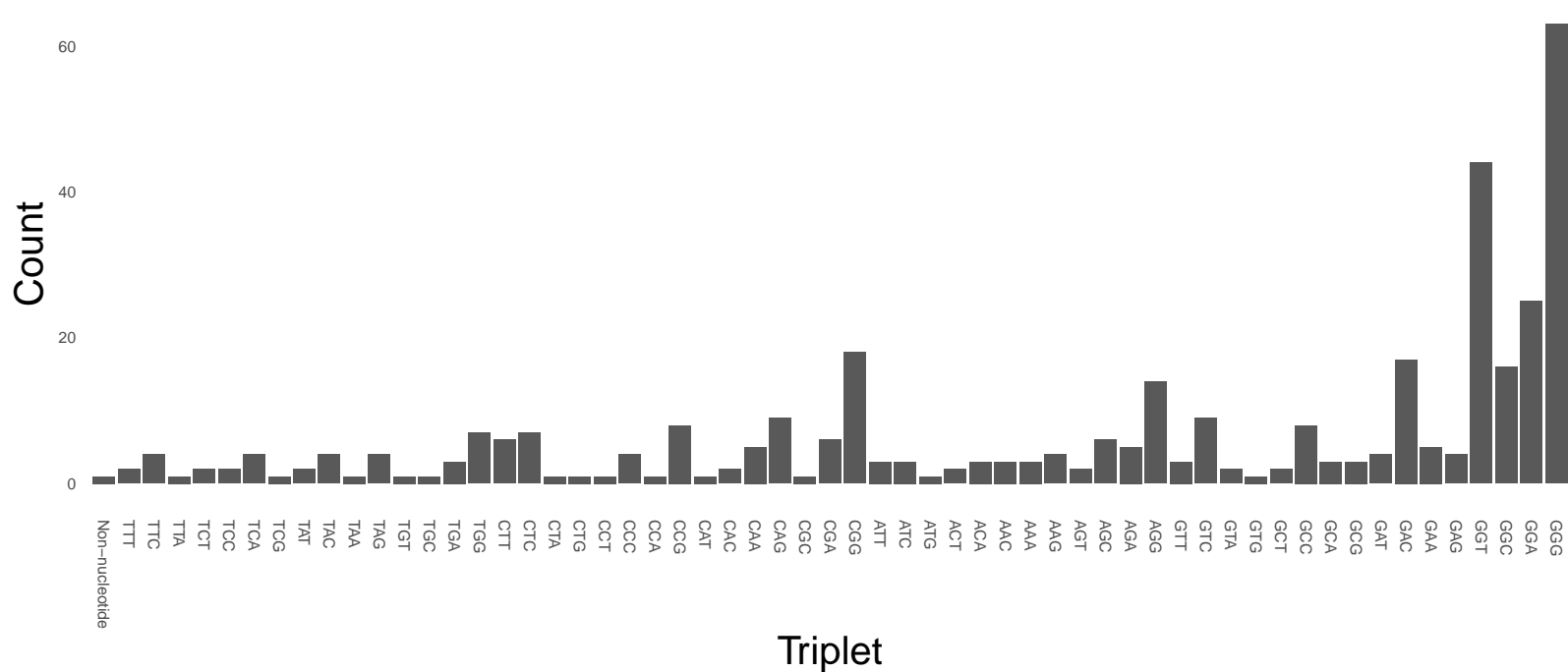
Gene TRBV7-7\*01\_C315T



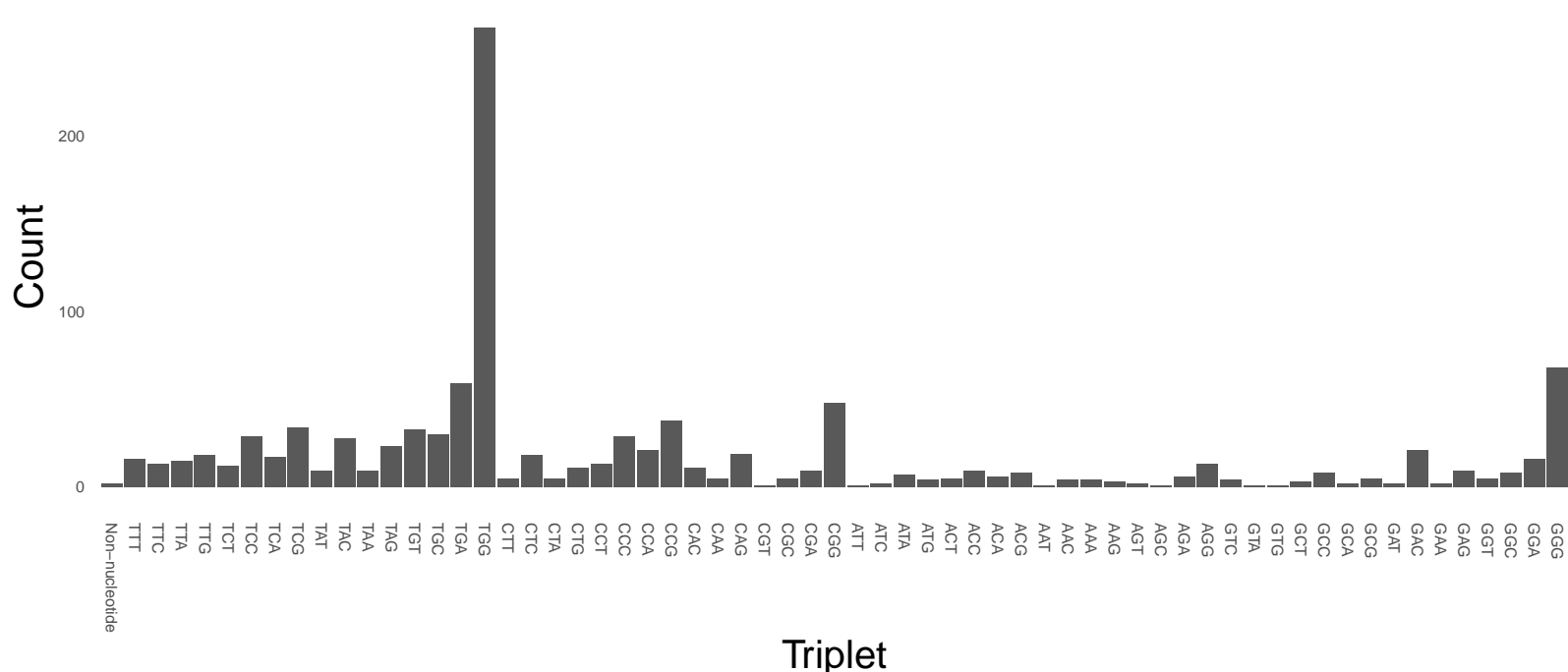
TRBV12-1\*01\_C165A- Final 3 nucleotides as a triplet



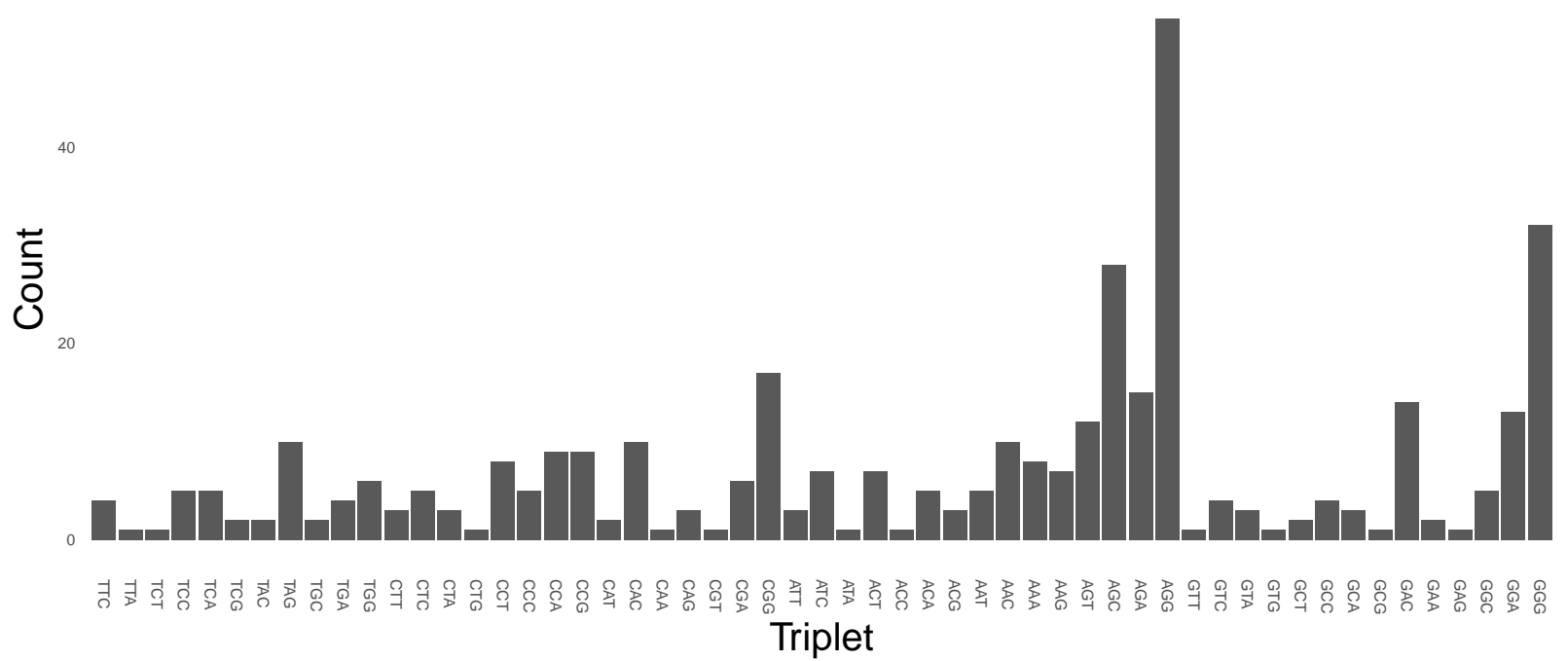
TRBV12-5\*01\_C28G- Final 3 nucleotides as a triplet



TRBV5-5\*02\_322TTGG325- Final 3 nucleotides as a triplet

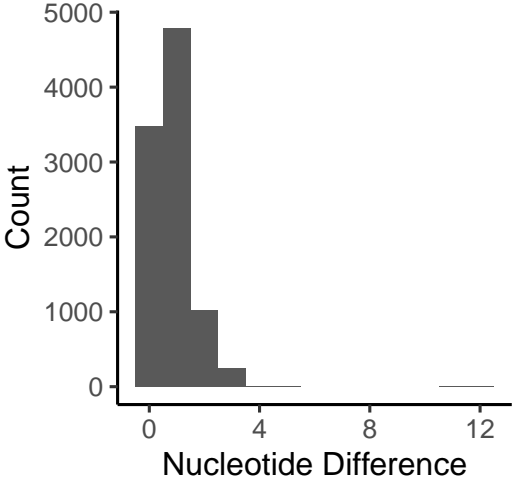


TRBV7-7\*01\_C315T- Final 3 nucleotides as a triplet



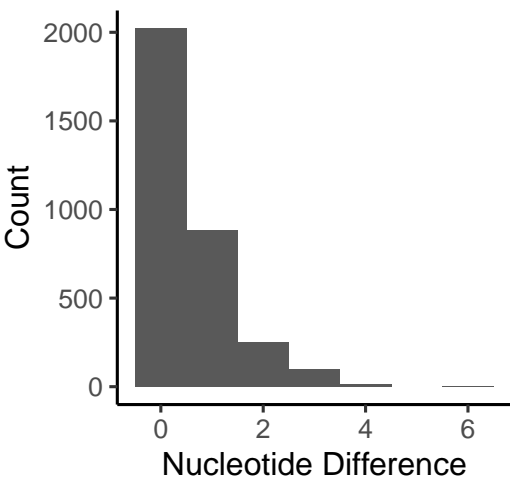
TRBV20-1\*01

9560 sequences assigned  
3475 (36.3%) exact matches, in which:  
3081 unique CDR3  
15 unique J



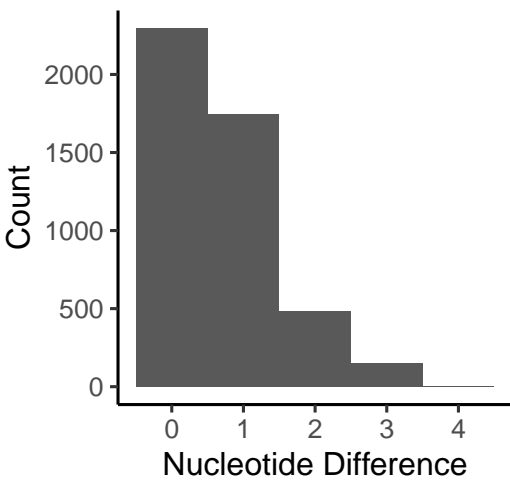
TRBV10-3\*02

3269 sequences assigned  
2022 (61.9%) exact matches, in which:  
1587 unique CDR3  
15 unique J



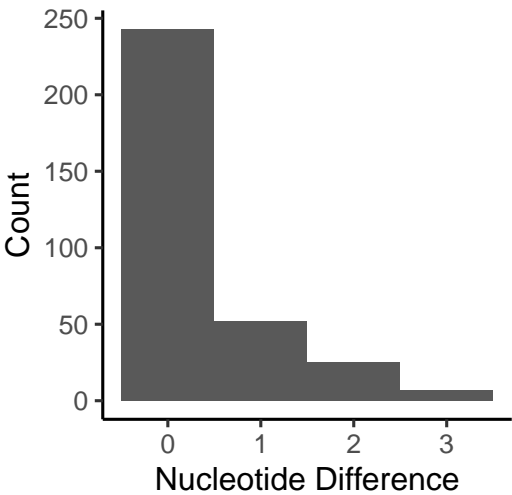
TRBV14\*01

4683 sequences assigned  
2295 (49%) exact matches, in which:  
1140 unique CDR3  
15 unique J



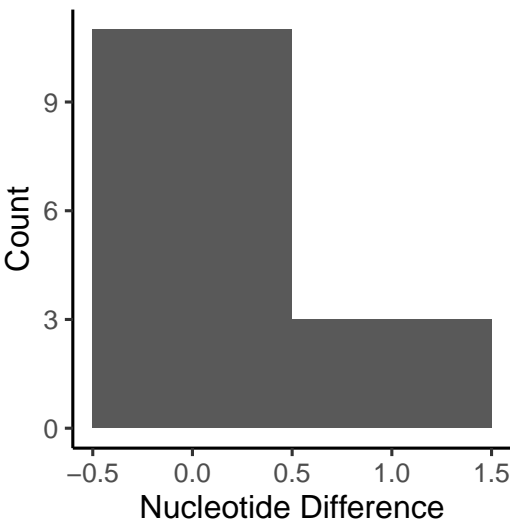
TRBV10-1\*01

327 sequences assigned  
243 (74.3%) exact matches, in which:  
224 unique CDR3  
14 unique J



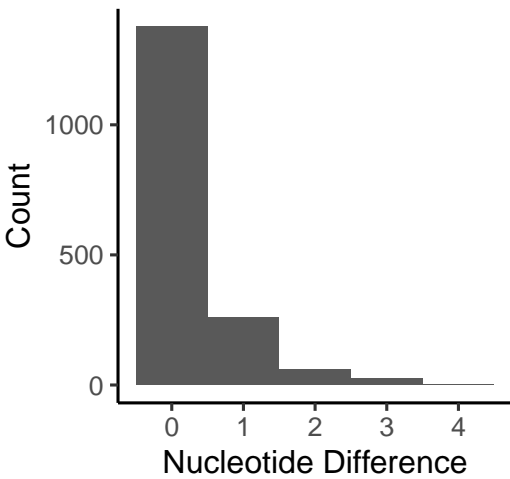
TRBV1\*01

14 sequences assigned  
11 (78.6%) exact matches, in which:  
9 unique CDR3  
7 unique J



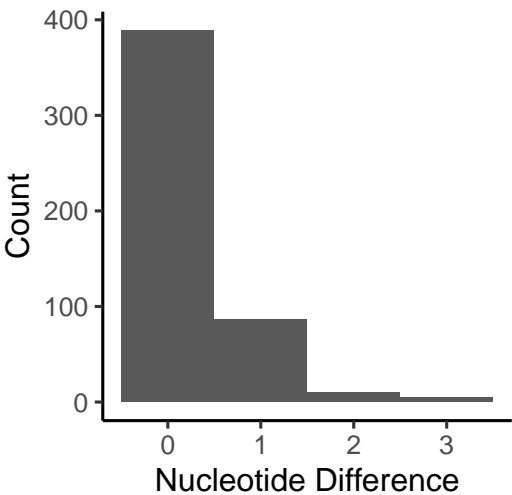
TRBV15\*02

1726 sequences assigned  
1377 (79.8%) exact matches, in which:  
1259 unique CDR3  
15 unique J



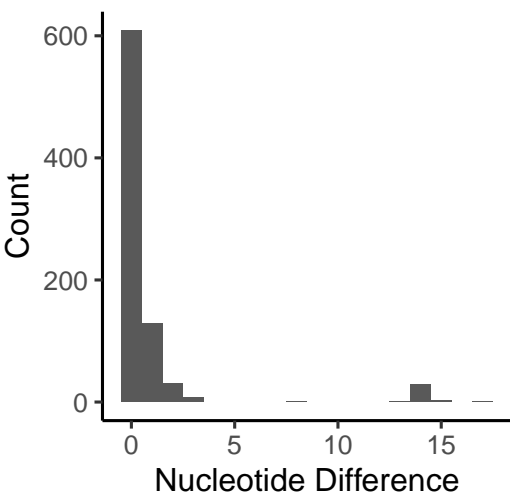
TRBV10-2\*01

490 sequences assigned  
389 (79.4%) exact matches, in which:  
367 unique CDR3  
15 unique J



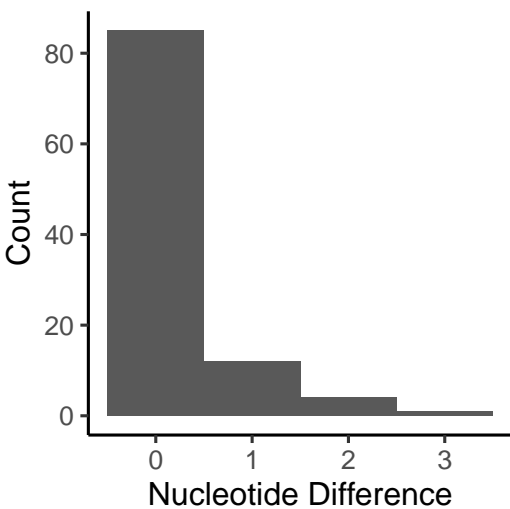
TRBV13\*01

811 sequences assigned  
609 (75.1%) exact matches, in which:  
558 unique CDR3  
15 unique J



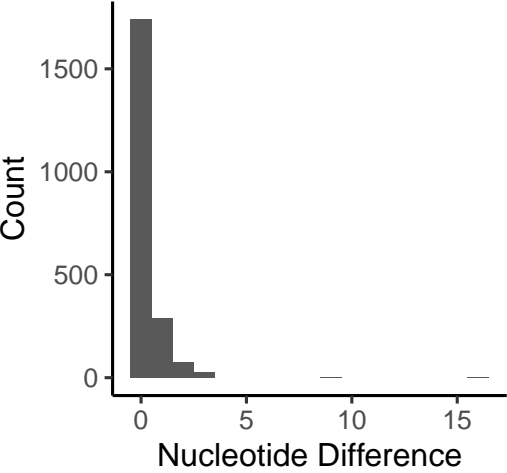
TRBV16\*01

103 sequences assigned  
85 (82.5%) exact matches, in which:  
81 unique CDR3  
14 unique J



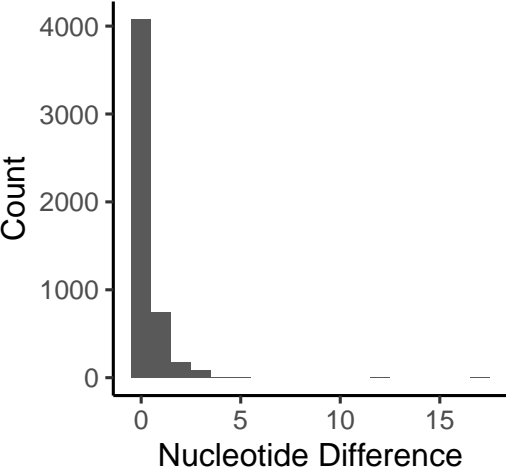
TRBV18\*01

2136 sequences assigned  
1740 (81.5%) exact matches, in which:  
1592 unique CDR3  
15 unique J



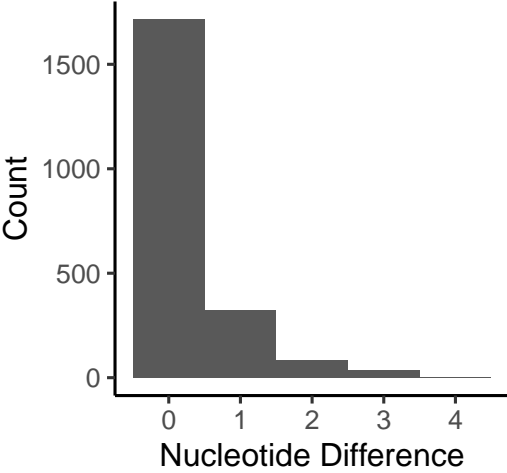
TRBV27\*01

5083 sequences assigned  
4076 (80.2%) exact matches, in which:  
3780 unique CDR3  
15 unique J



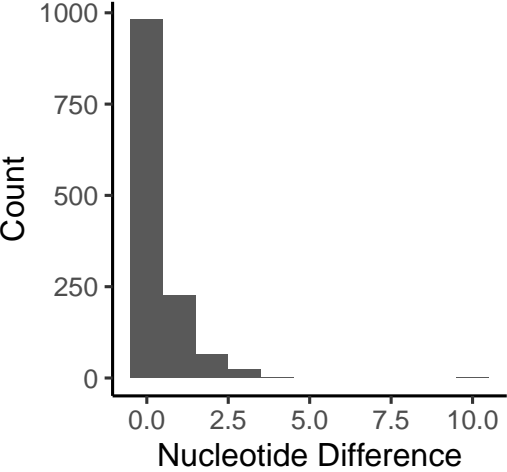
TRBV9\*01

2163 sequences assigned  
1715 (79.3%) exact matches, in which:  
1629 unique CDR3  
13 unique J



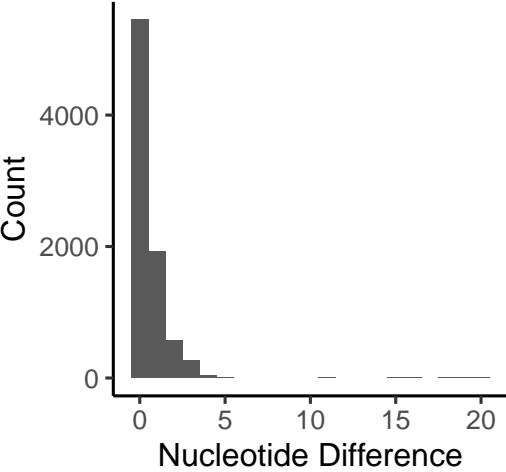
TRBV19\*01

1296 sequences assigned  
981 (75.7%) exact matches, in which:  
893 unique CDR3  
15 unique J



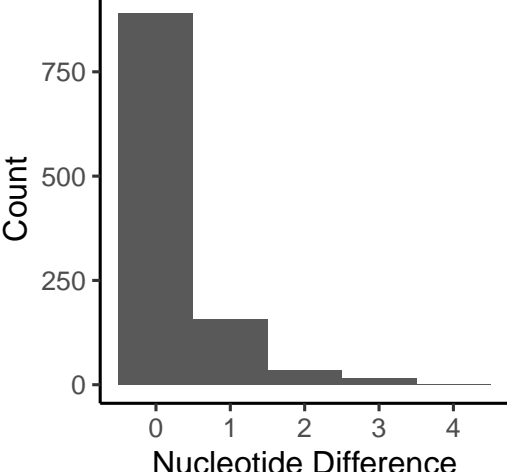
TRBV28\*01

8265 sequences assigned  
5451 (66%) exact matches, in which:  
4303 unique CDR3  
15 unique J



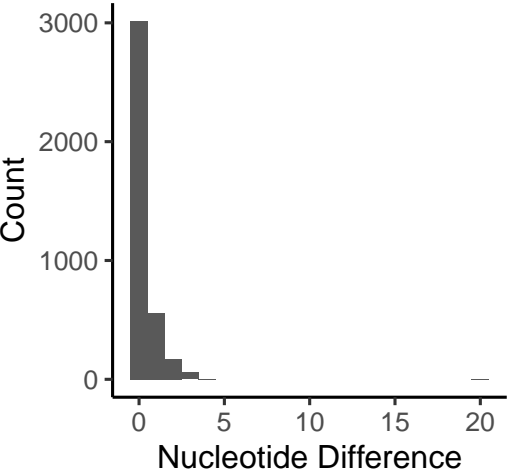
TRBV9\*02

1099 sequences assigned  
891 (81.1%) exact matches, in which:  
846 unique CDR3  
14 unique J



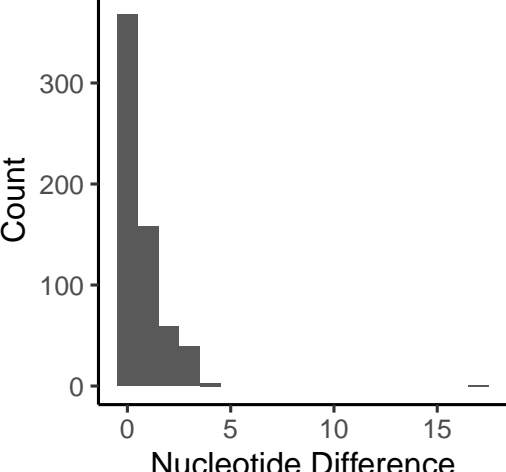
TRBV2\*01

3803 sequences assigned  
3015 (79.3%) exact matches, in which:  
2768 unique CDR3  
15 unique J



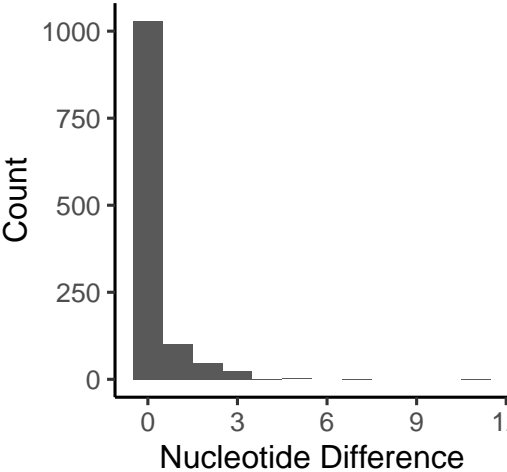
TRBV30\*01

629 sequences assigned  
368 (58.5%) exact matches, in which:  
328 unique CDR3  
13 unique J



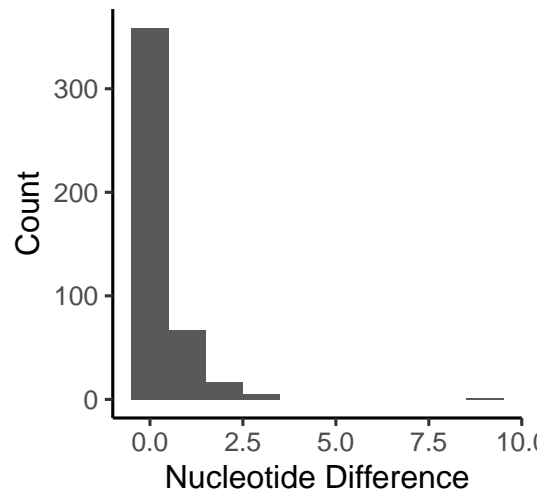
TRBV21-1\*01

1207 sequences assigned  
1029 (85.3%) exact matches, in which:  
989 unique CDR3  
15 unique J



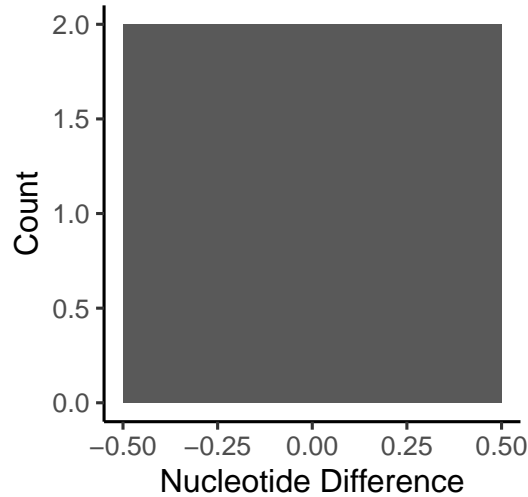
### TRBV11-1\*01

449 sequences assigned  
359 (80%) exact matches, in which:  
330 unique CDR3  
15 unique J



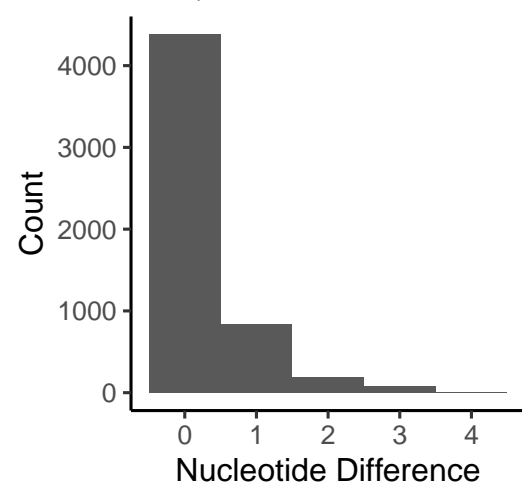
### TRBV12-1\*01

2 sequences assigned  
2 (100%) exact matches, in which:  
2 unique CDR3  
2 unique J



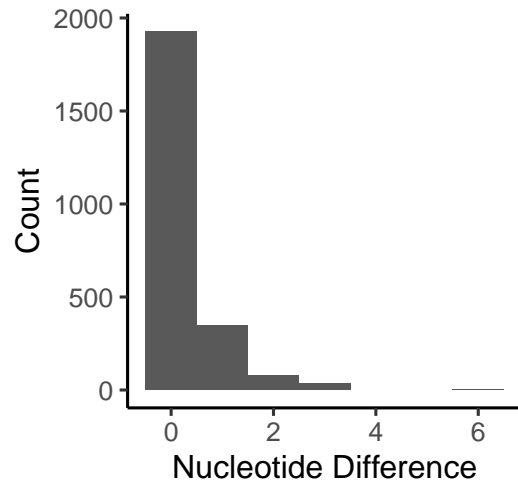
### TRBV12-3\*01

5489 sequences assigned  
4382 (79.8%) exact matches, in which:  
3911 unique CDR3  
15 unique J



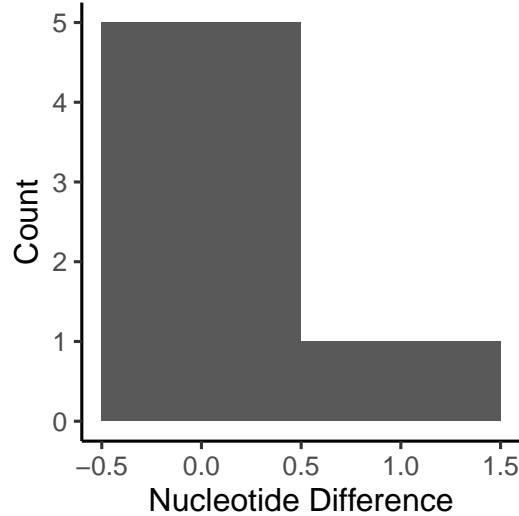
### TRBV11-2\*01

2389 sequences assigned  
1926 (80.6%) exact matches, in which:  
1775 unique CDR3  
15 unique J



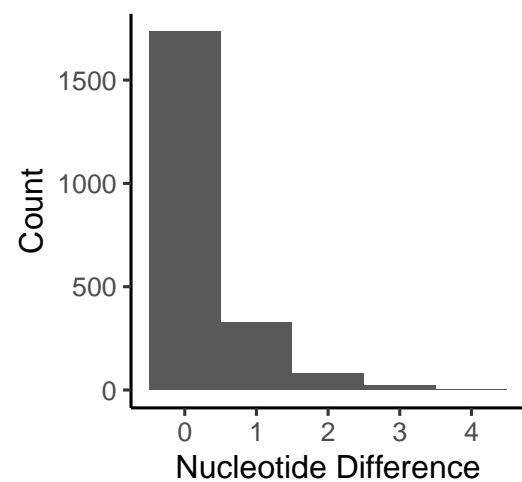
### TRBV12-1\*01\_C165A

6 sequences assigned  
5 (83.3%) exact matches, in which:  
5 unique CDR3  
4 unique J



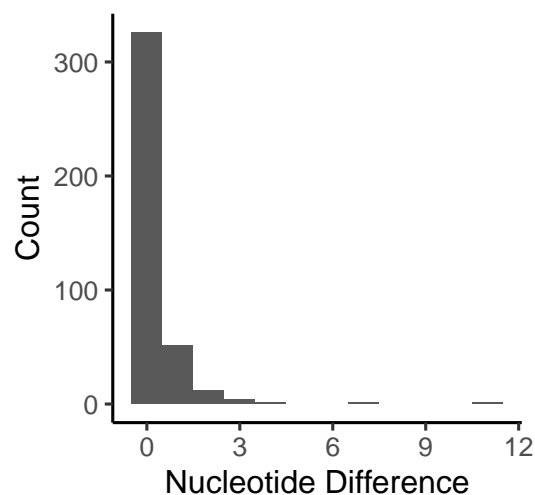
### TRBV12-4\*01

2163 sequences assigned  
1734 (80.2%) exact matches, in which:  
1585 unique CDR3  
15 unique J



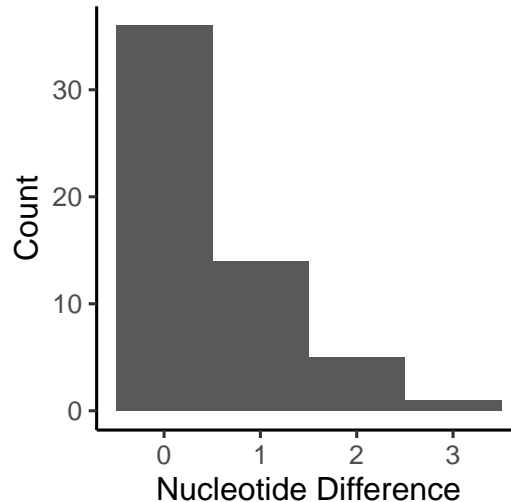
### TRBV11-3\*01

396 sequences assigned  
326 (82.3%) exact matches, in which:  
311 unique CDR3  
15 unique J



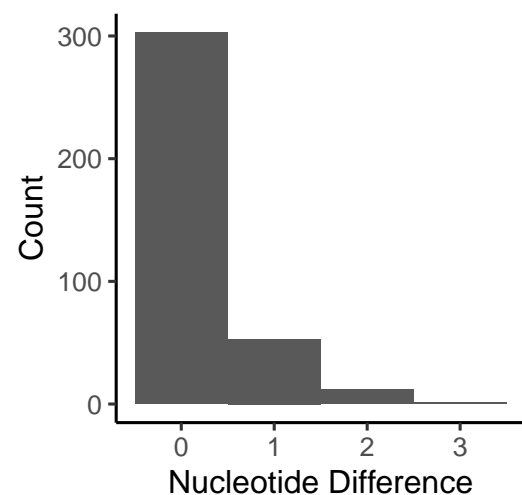
### TRBV12-2\*01

56 sequences assigned  
36 (64.3%) exact matches, in which:  
34 unique CDR3  
12 unique J



### TRBV12-5\*01\_C28G

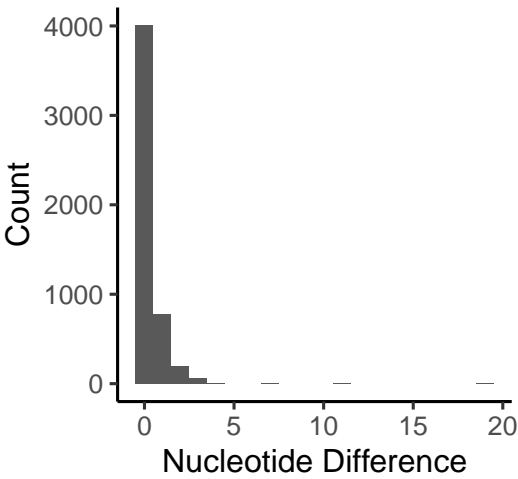
369 sequences assigned  
303 (82.1%) exact matches, in which:  
285 unique CDR3  
15 unique J





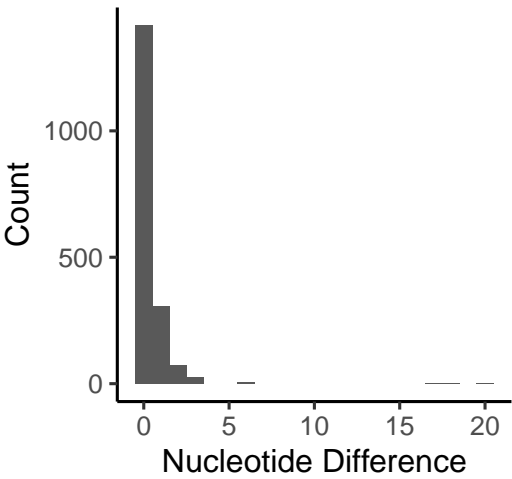
TRBV3-1\*01

5046 sequences assigned  
4006 (79.4%) exact matches, in which:  
3600 unique CDR3  
15 unique J



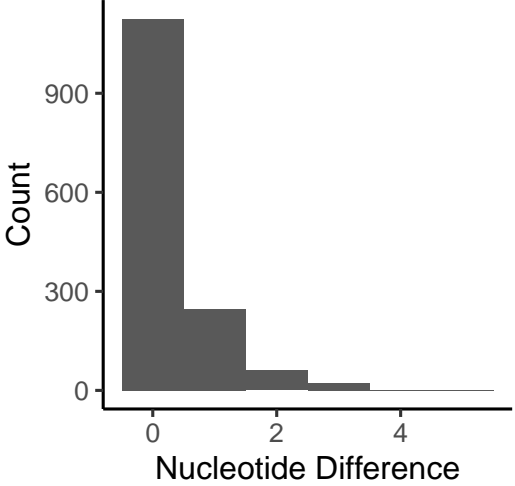
TRBV24-1\*01

1832 sequences assigned  
1417 (77.3%) exact matches, in which:  
1320 unique CDR3  
15 unique J



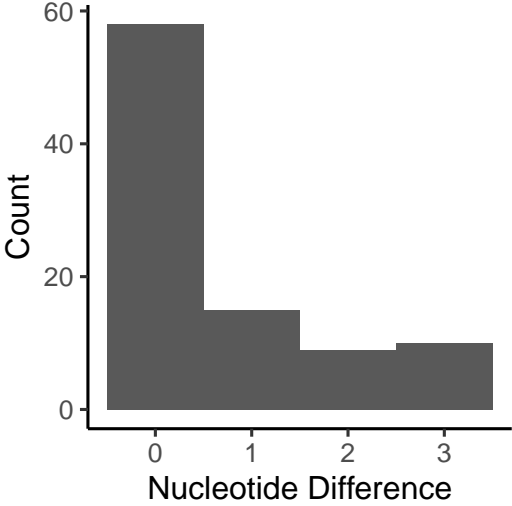
TRBV25-1\*01

1456 sequences assigned  
1126 (77.3%) exact matches, in which:  
972 unique CDR3  
15 unique J



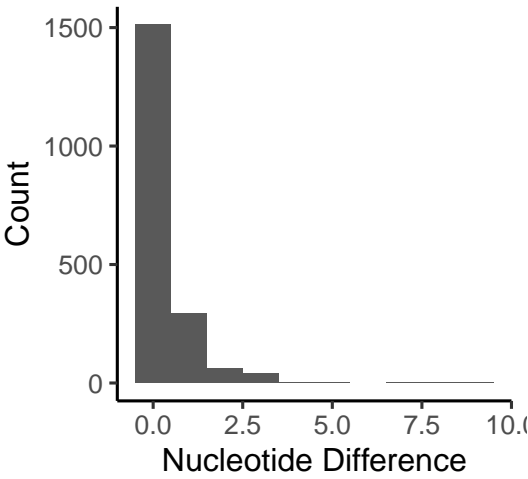
TRBV23-1\*01

92 sequences assigned  
58 (63%) exact matches, in which:  
55 unique CDR3  
11 unique J



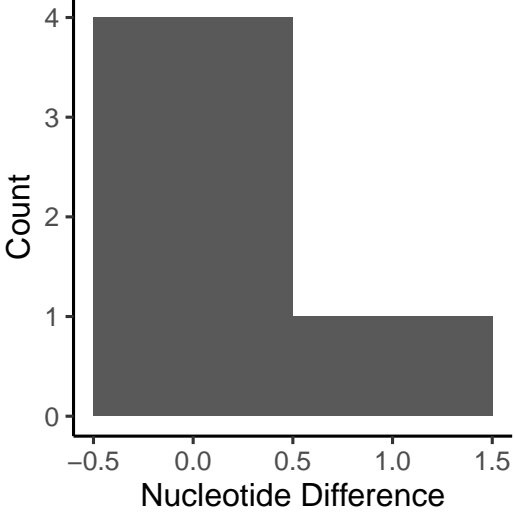
TRBV4-2\*01

1918 sequences assigned  
1512 (78.8%) exact matches, in which:  
1404 unique CDR3  
15 unique J



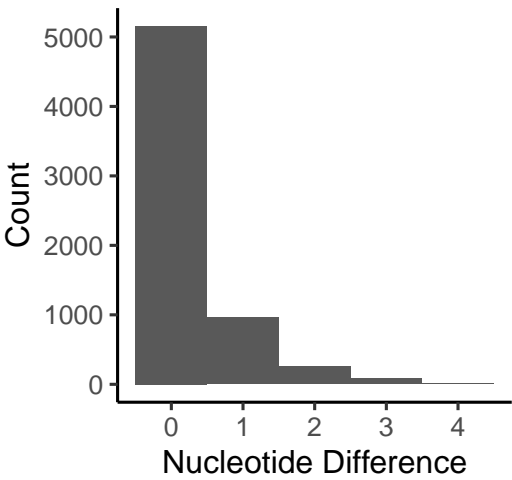
TRBV5-3\*01

5 sequences assigned  
4 (80%) exact matches, in which:  
4 unique CDR3  
4 unique J



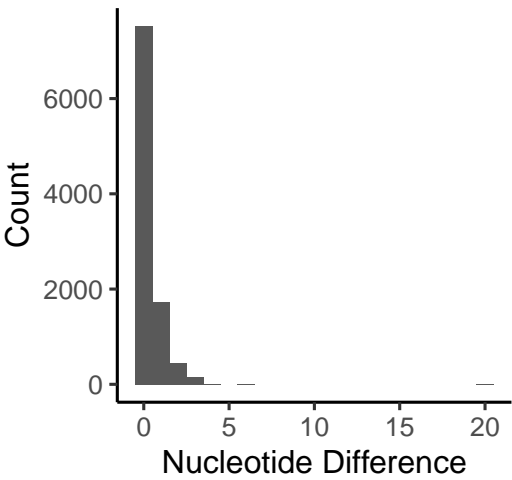
TRBV4-1\*01

6467 sequences assigned  
5157 (79.7%) exact matches, in which:  
4780 unique CDR3  
15 unique J



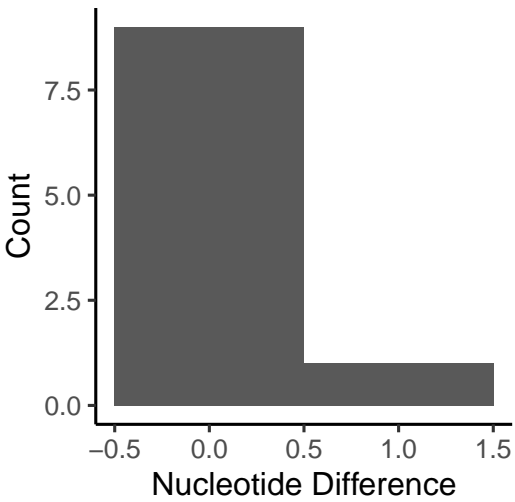
TRBV5-1\*01

9852 sequences assigned  
7523 (76.4%) exact matches, in which:  
6907 unique CDR3  
15 unique J



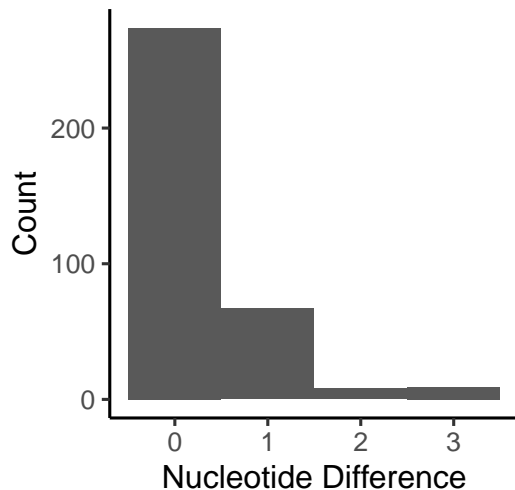
TRBV5-3\*02

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



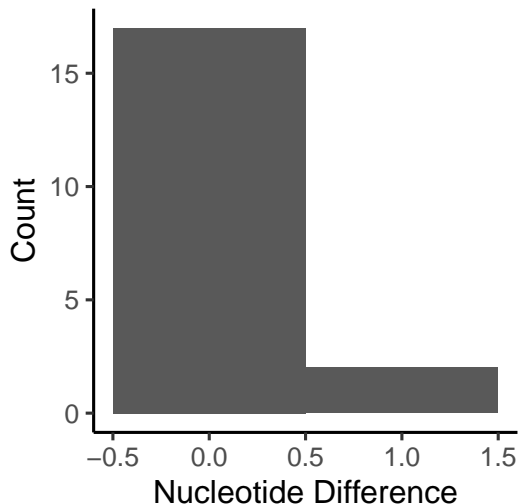
### TRBV5-4\*01

358 sequences assigned  
274 (76.5%) exact matches, in which:  
262 unique CDR3  
15 unique J



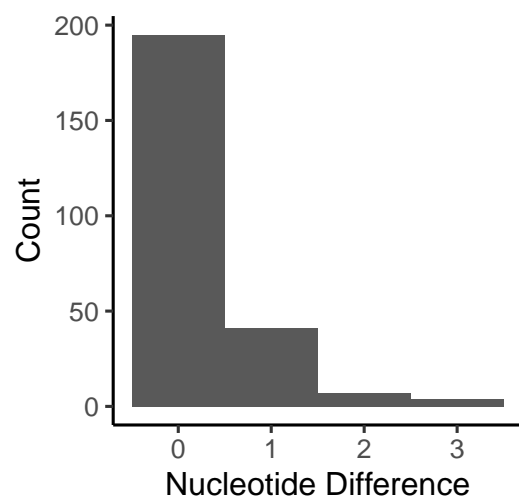
### TRBV5-7\*01

19 sequences assigned  
17 (89.5%) exact matches, in which:  
17 unique CDR3  
9 unique J



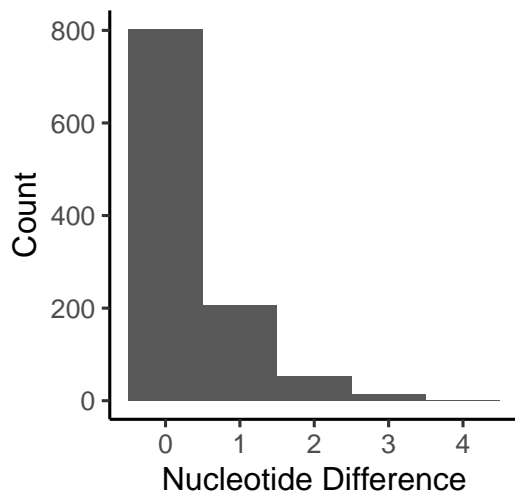
### TRBV6-4\*01

247 sequences assigned  
195 (78.9%) exact matches, in which:  
180 unique CDR3  
13 unique J



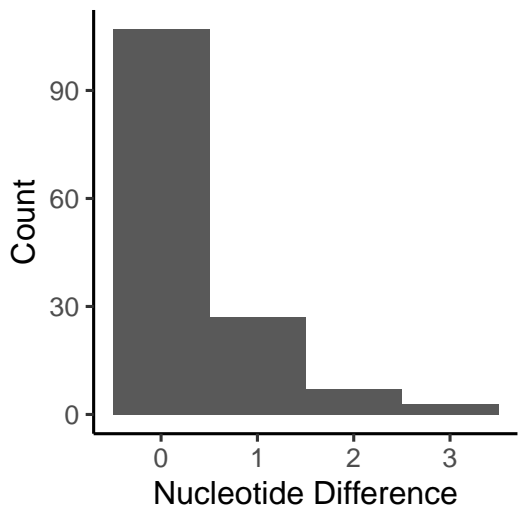
### TRBV5-5\*02\_322TTGG3

1078 sequences assigned  
803 (74.5%) exact matches, in which:  
742 unique CDR3  
15 unique J



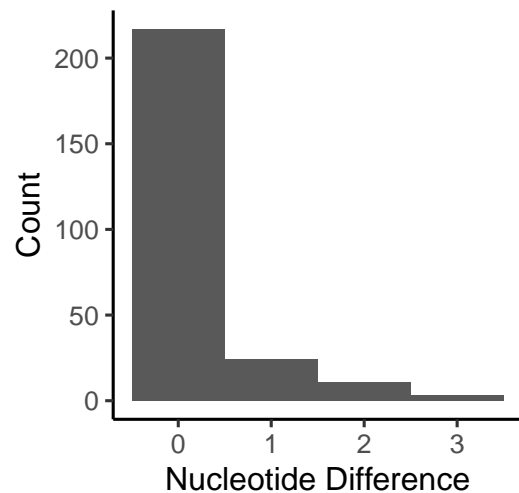
### TRBV5-8\*01

144 sequences assigned  
107 (74.3%) exact matches, in which:  
105 unique CDR3  
14 unique J



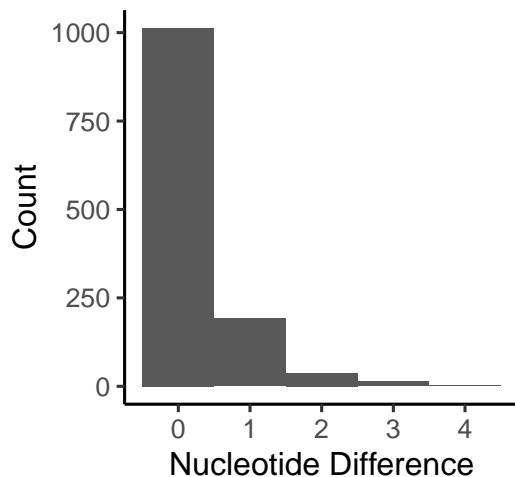
### TRBV6-4\*02

255 sequences assigned  
217 (85.1%) exact matches, in which:  
201 unique CDR3  
13 unique J



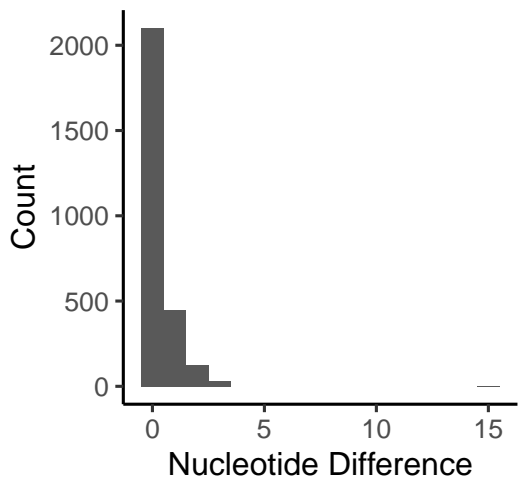
### TRBV5-6\*01

1258 sequences assigned  
1013 (80.5%) exact matches, in which:  
971 unique CDR3  
15 unique J



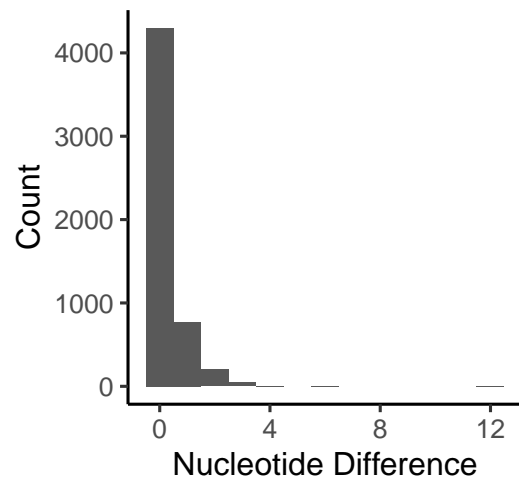
### TRBV6-1\*01

2710 sequences assigned  
2101 (77.5%) exact matches, in which:  
1896 unique CDR3  
15 unique J



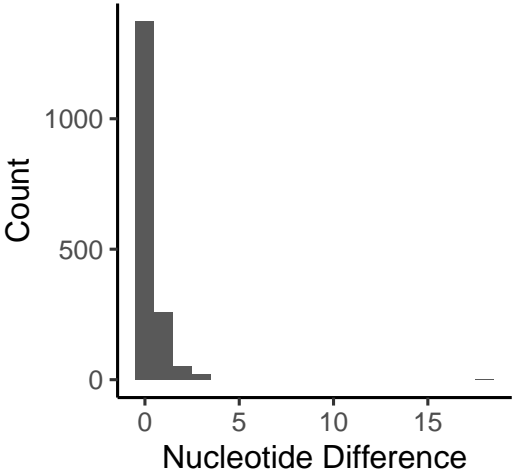
### TRBV6-5\*01

5324 sequences assigned  
4298 (80.7%) exact matches, in which:  
4050 unique CDR3  
15 unique J



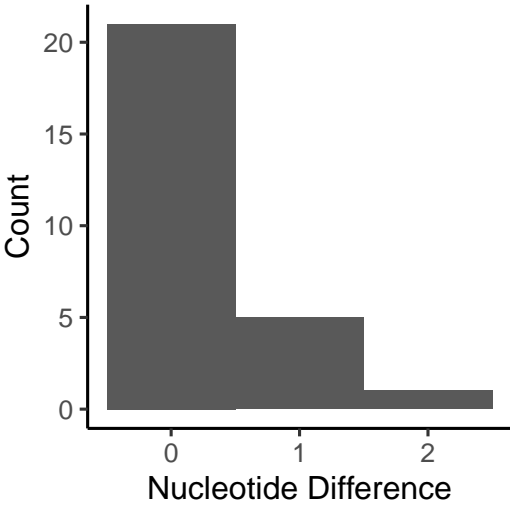
TRBV6-6\*01

1708 sequences assigned  
1373 (80.4%) exact matches, in which:  
1250 unique CDR3  
15 unique J



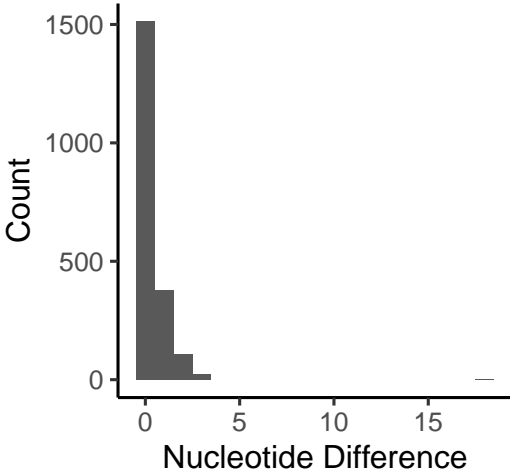
TRBV6-9\*01

27 sequences assigned  
21 (77.8%) exact matches, in which:  
20 unique CDR3  
11 unique J



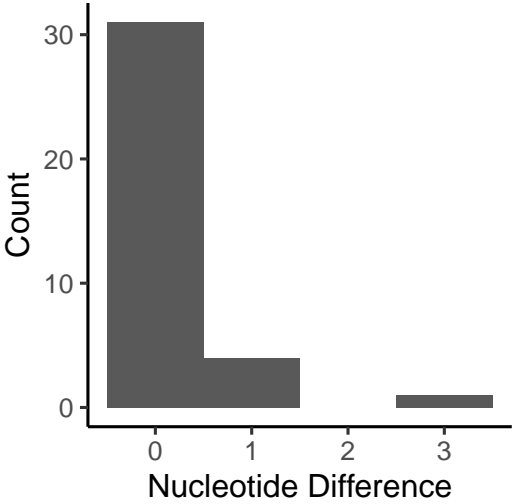
TRBV7-2\*02

2024 sequences assigned  
1513 (74.8%) exact matches, in which:  
1303 unique CDR3  
13 unique J



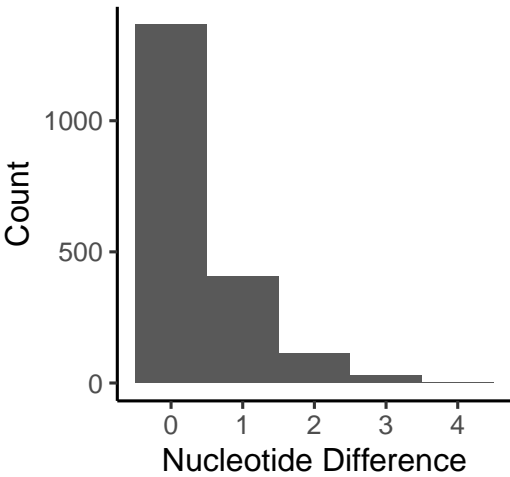
TRBV6-7\*01

36 sequences assigned  
31 (86.1%) exact matches, in which:  
31 unique CDR3  
13 unique J



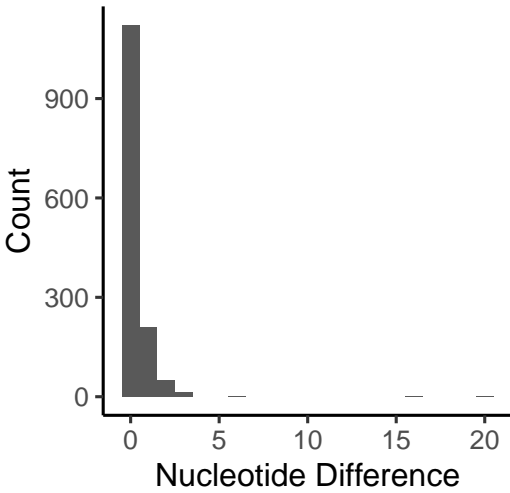
TRBV6-23\*01

1914 sequences assigned  
1366 (71.4%) exact matches, in which:  
1105 unique CDR3  
15 unique J



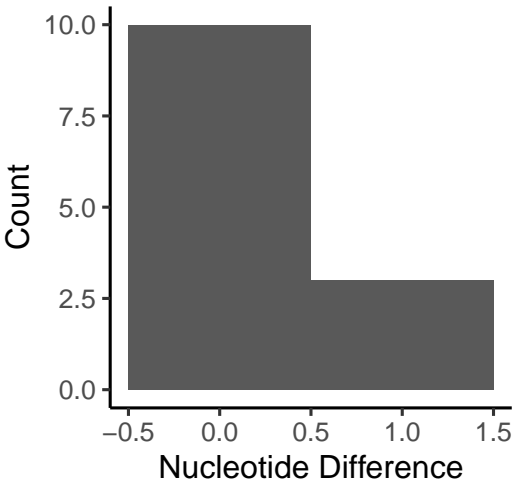
TRBV7-3\*01

1401 sequences assigned  
1122 (80.1%) exact matches, in which:  
1033 unique CDR3  
13 unique J



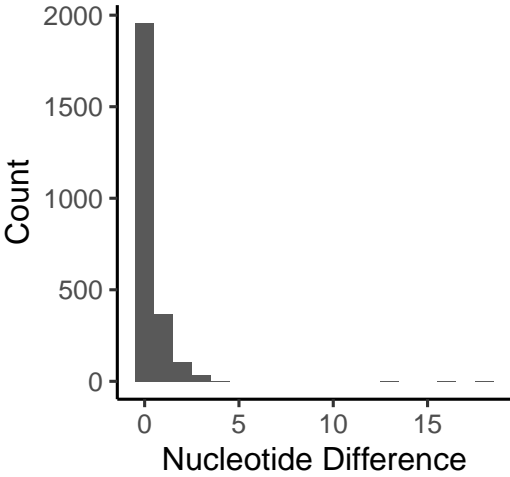
TRBV6-8\*01

13 sequences assigned  
10 (76.9%) exact matches, in which:  
10 unique CDR3  
5 unique J



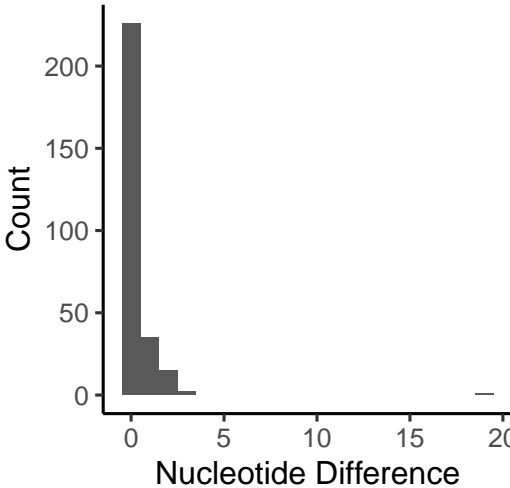
TRBV7-2\*01

2465 sequences assigned  
1957 (79.4%) exact matches, in which:  
1782 unique CDR3  
13 unique J



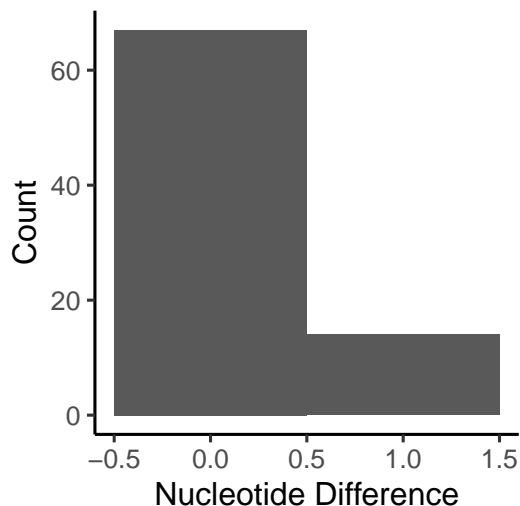
TRBV7-3\*03

279 sequences assigned  
226 (81%) exact matches, in which:  
207 unique CDR3  
13 unique J



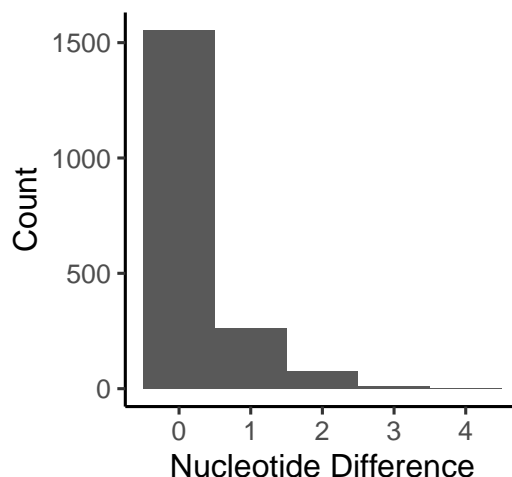
### TRBV7-4\*01

81 sequences assigned  
67 (82.7%) exact matches, in which:  
63 unique CDR3  
14 unique J



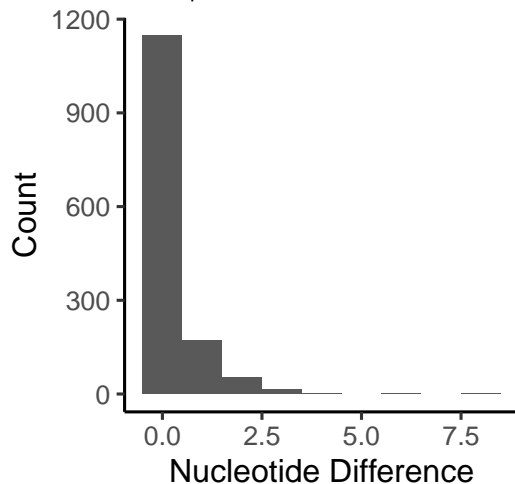
### TRBV7-8\*01

1907 sequences assigned  
1553 (81.4%) exact matches, in which:  
1393 unique CDR3  
15 unique J



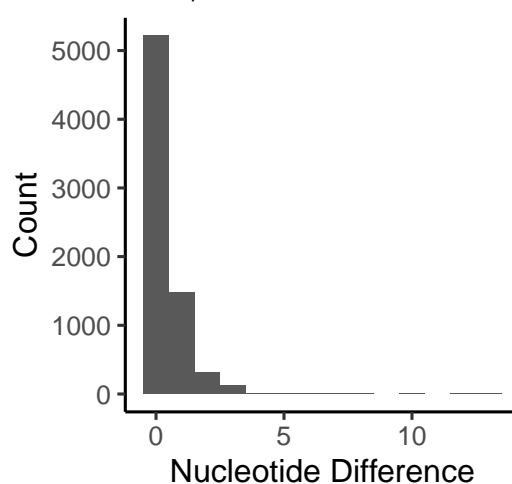
### TRBV7-6\*01

1389 sequences assigned  
1147 (82.6%) exact matches, in which:  
1054 unique CDR3  
15 unique J



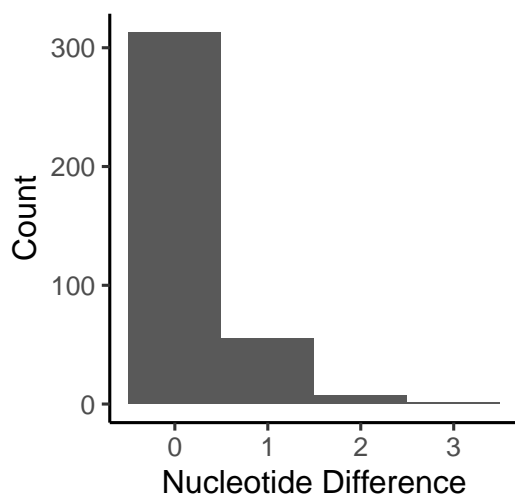
### TRBV7-9\*03

7159 sequences assigned  
5216 (72.9%) exact matches, in which:  
4519 unique CDR3  
15 unique J



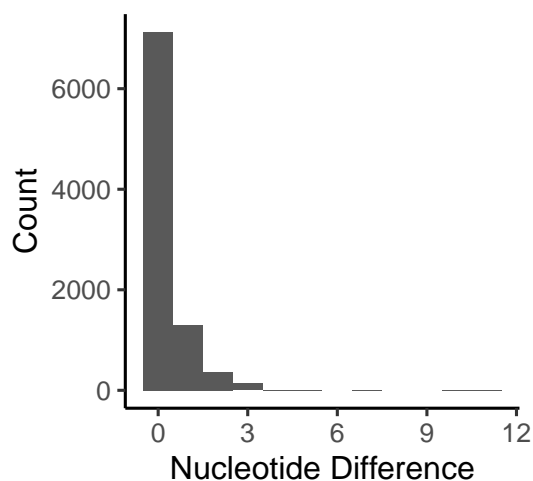
### TRBV7-7\*01\_C315T

376 sequences assigned  
313 (83.2%) exact matches, in which:  
280 unique CDR3  
14 unique J

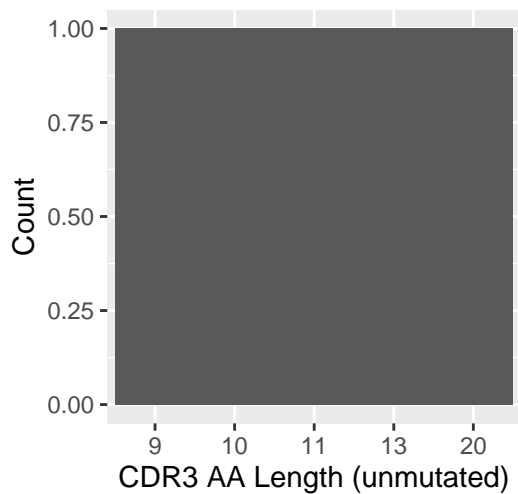


### TRBV29-1\*01

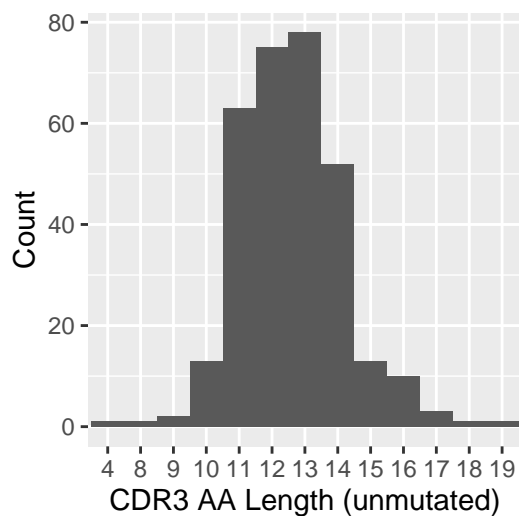
8940 sequences assigned  
7127 (79.7%) exact matches, in which:  
6219 unique CDR3  
15 unique J



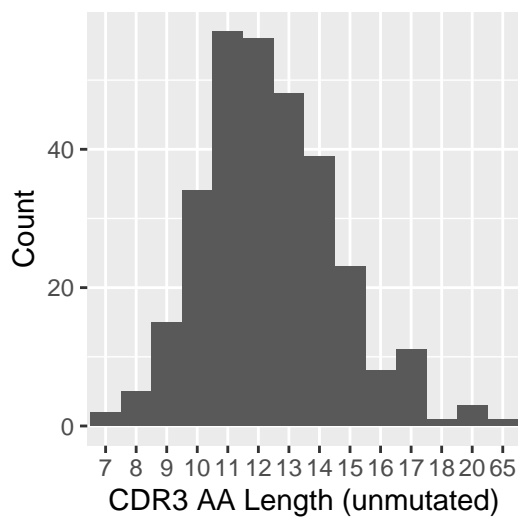
TRBV12-1\*01\_C165A



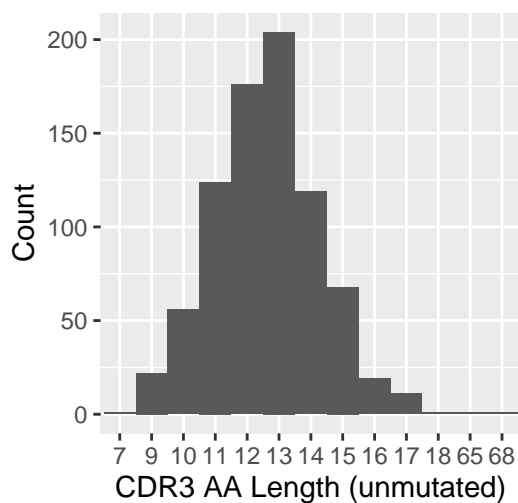
TRBV7-7\*01\_C315T

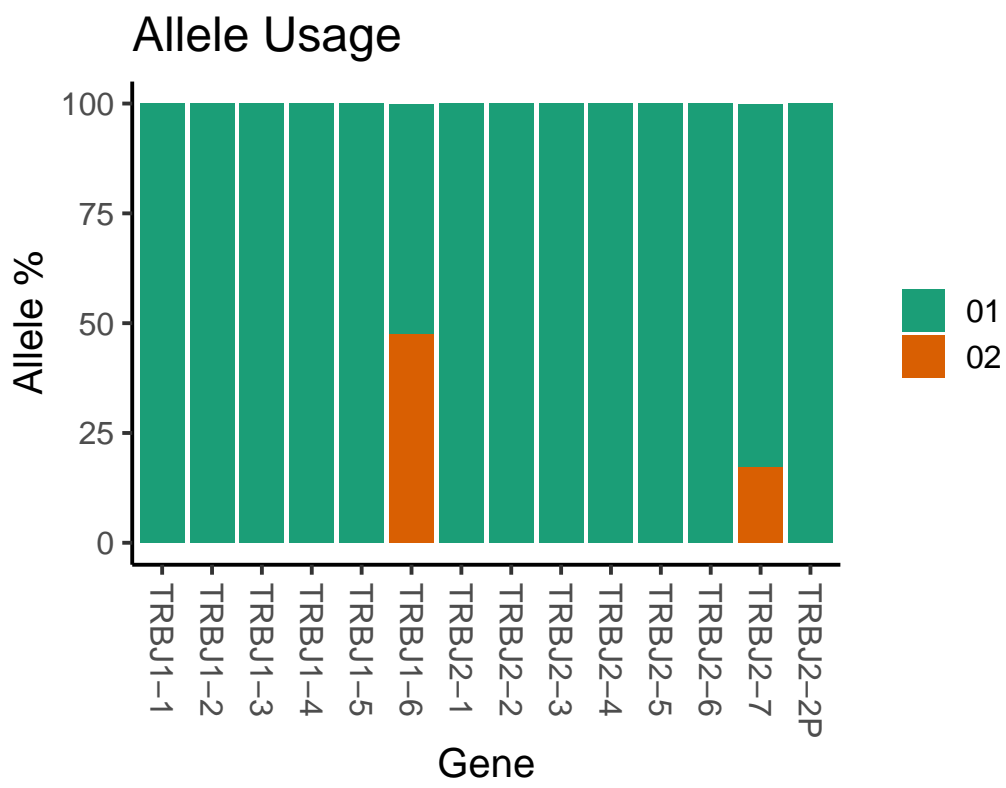


TRBV12-5\*01\_C28G



TRBV5-5\*02\_322TTGG325





### Sequence Count by TRBJ1–6 allele usage

