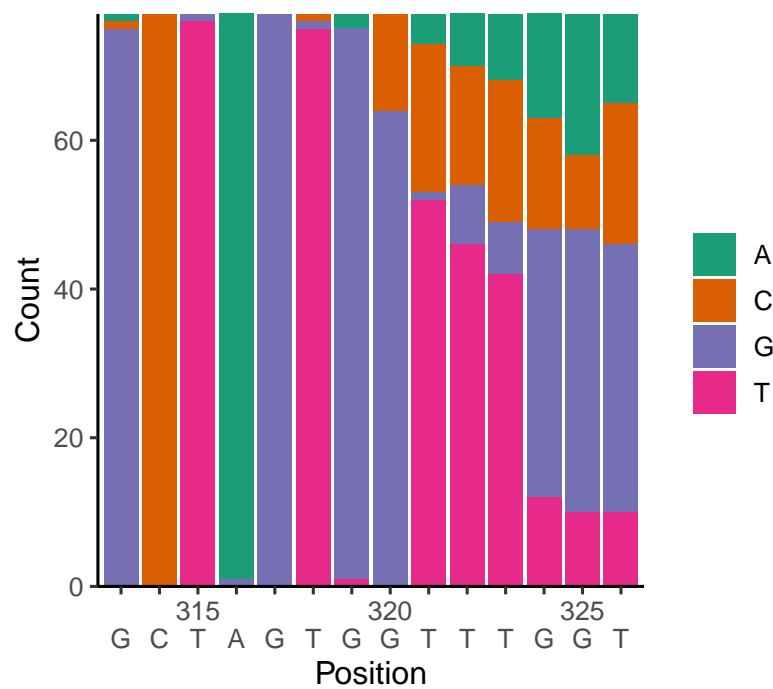
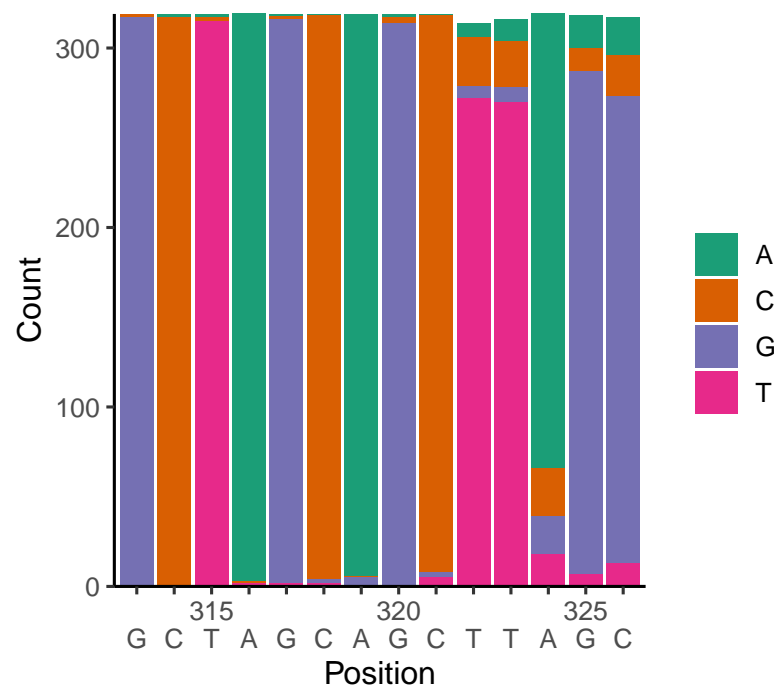


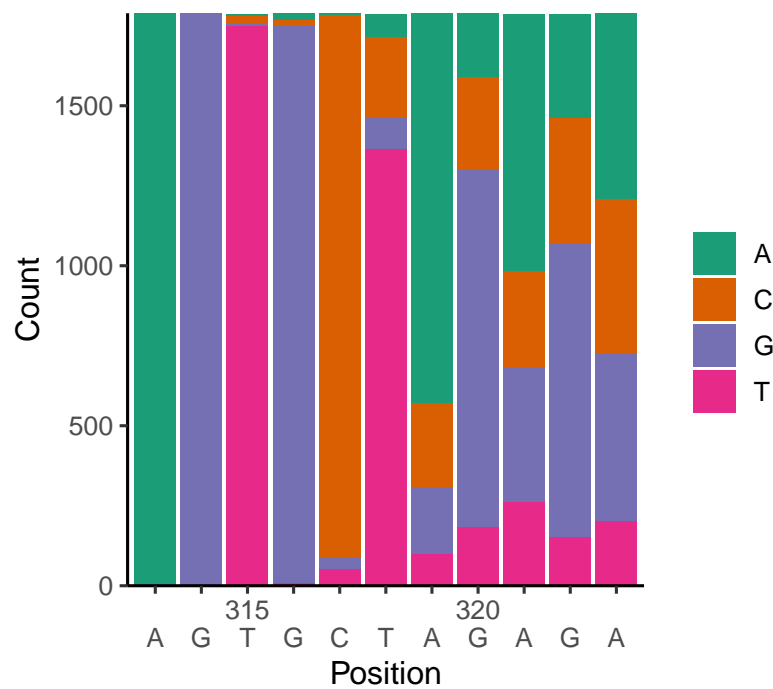
Gene TRBV12-5\*01\_C28G\_T140A



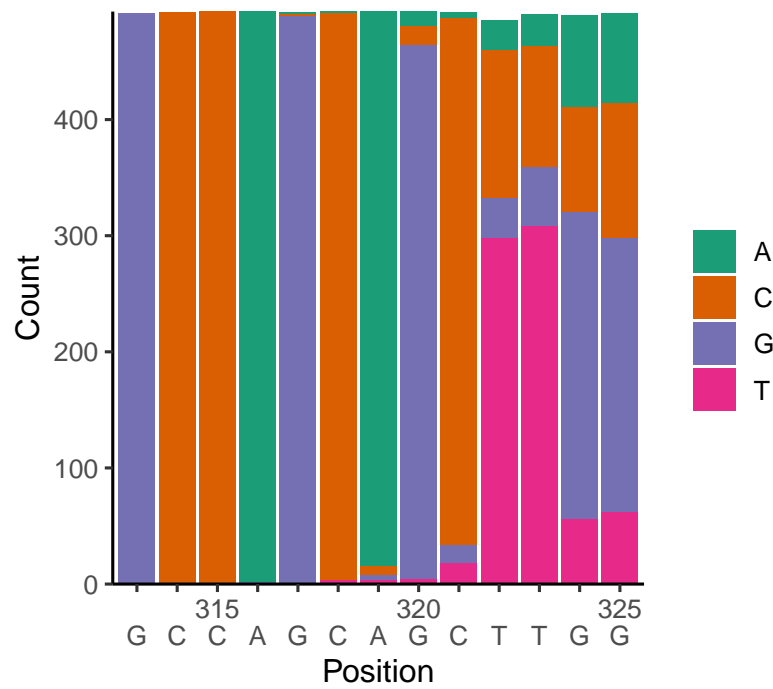
Gene TRBV7-7\*01\_C315T



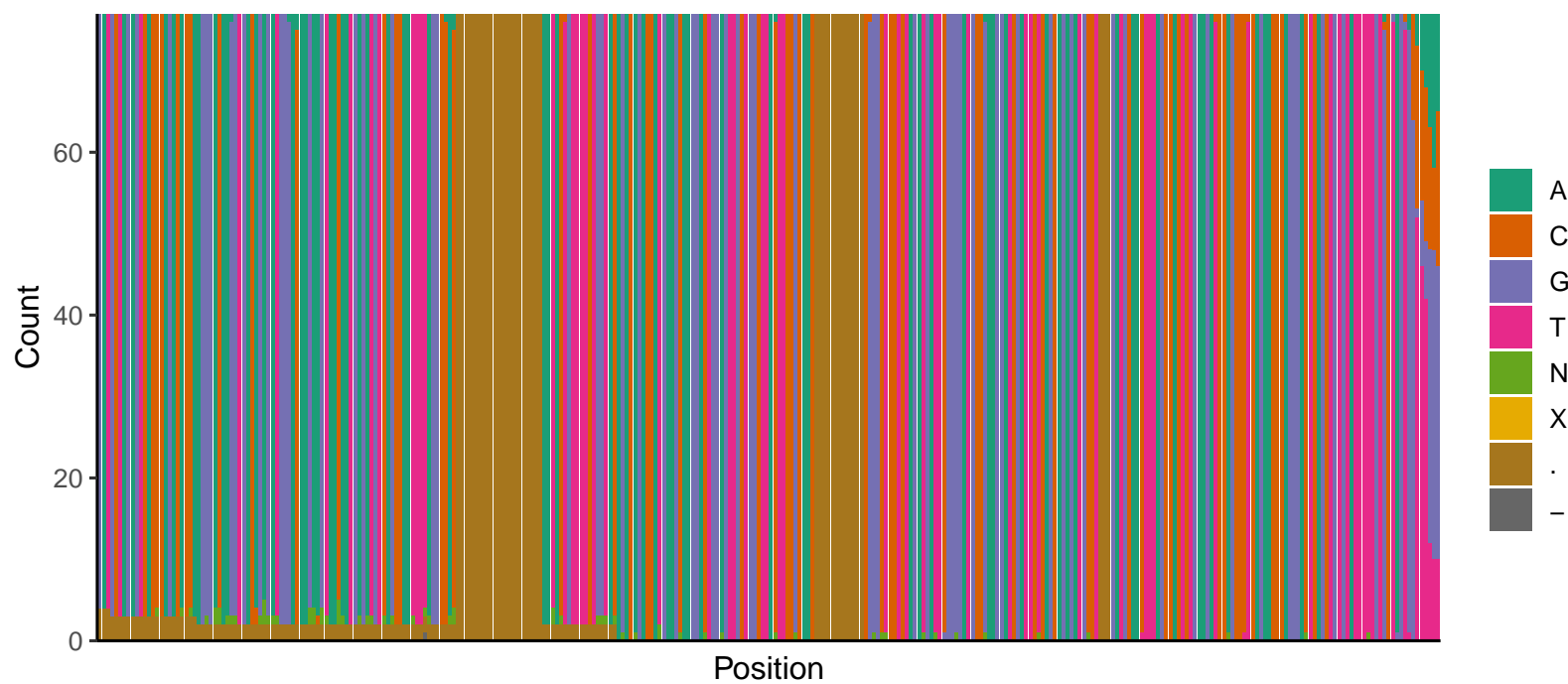
Gene TRBV20-1\*02\_319AGAGA323



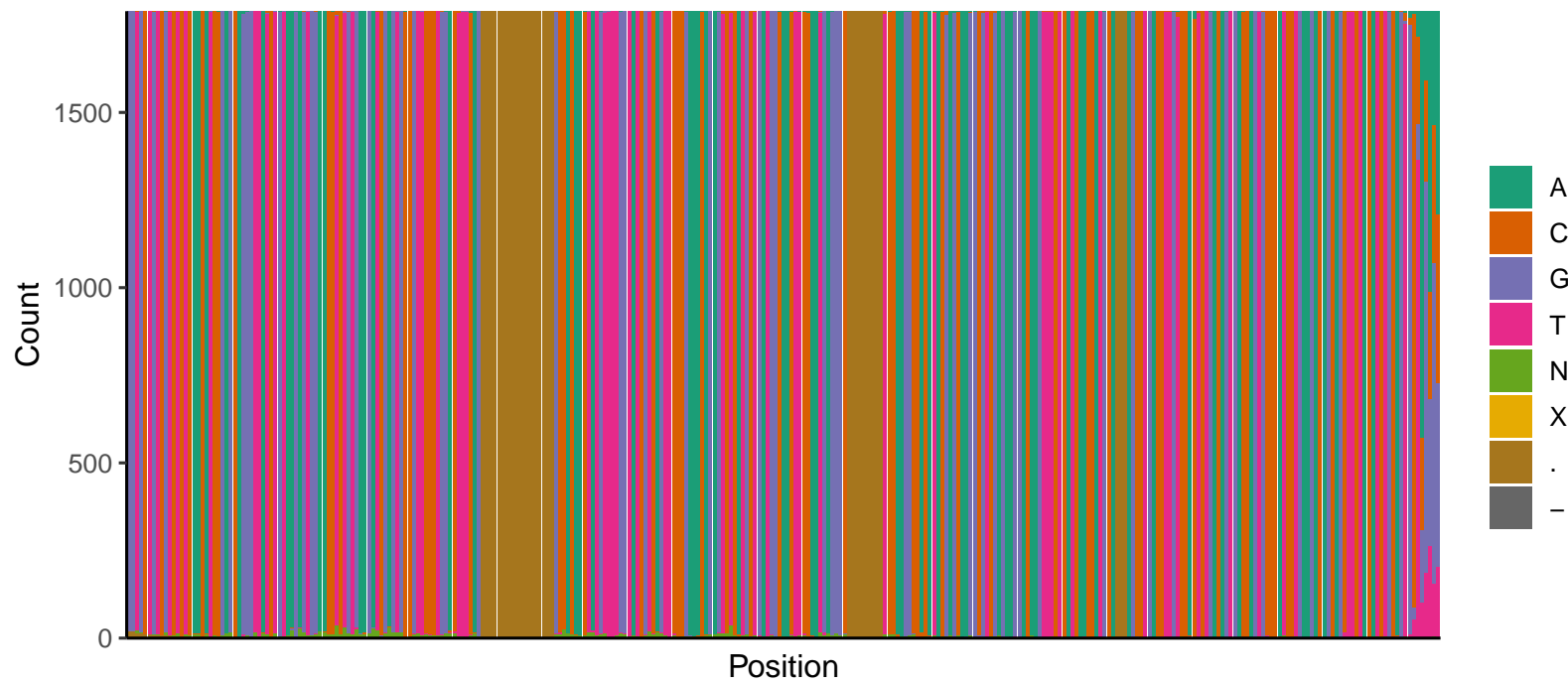
Gene TRBV5-5\*02\_322TTGG325



Gene TRBV12-5\*01\_C28G\_T140A



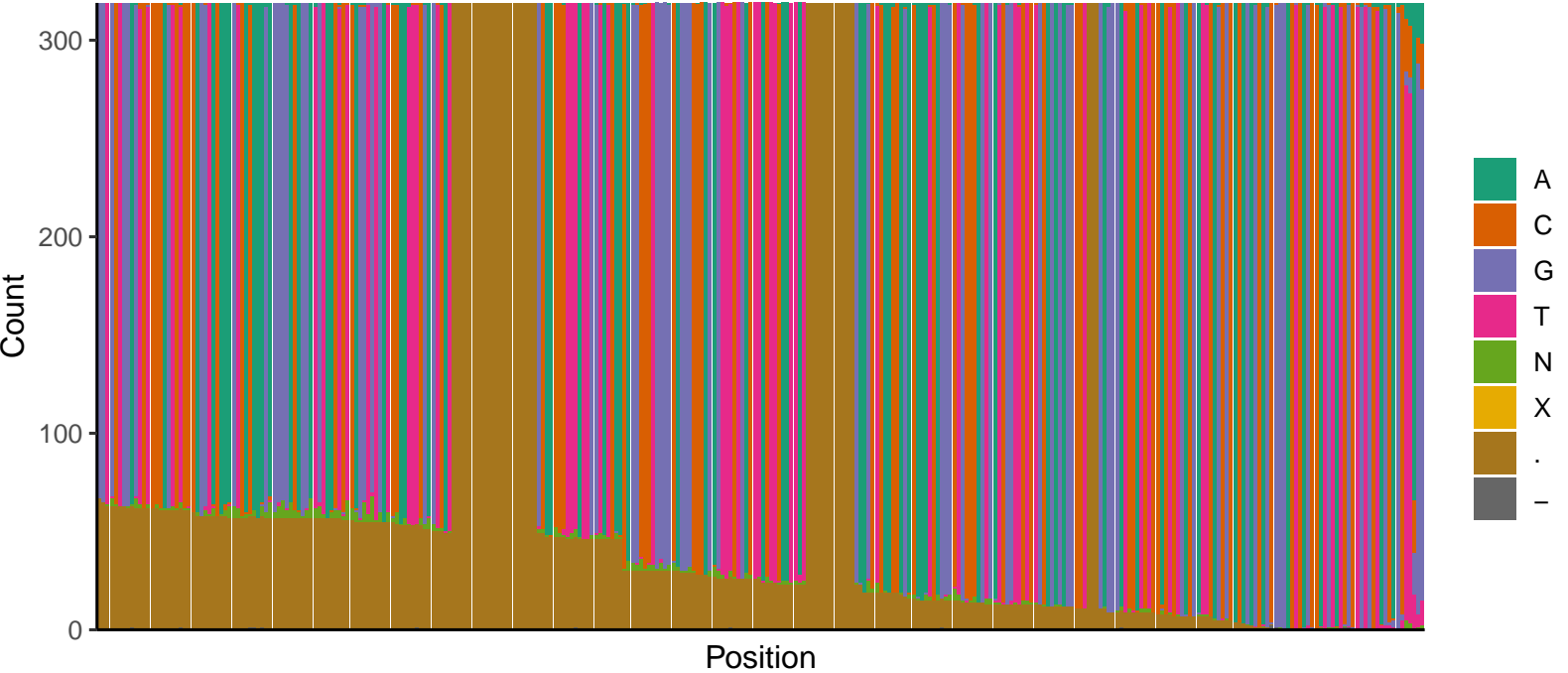
Gene TRBV20-1\*02\_319AGAGA323



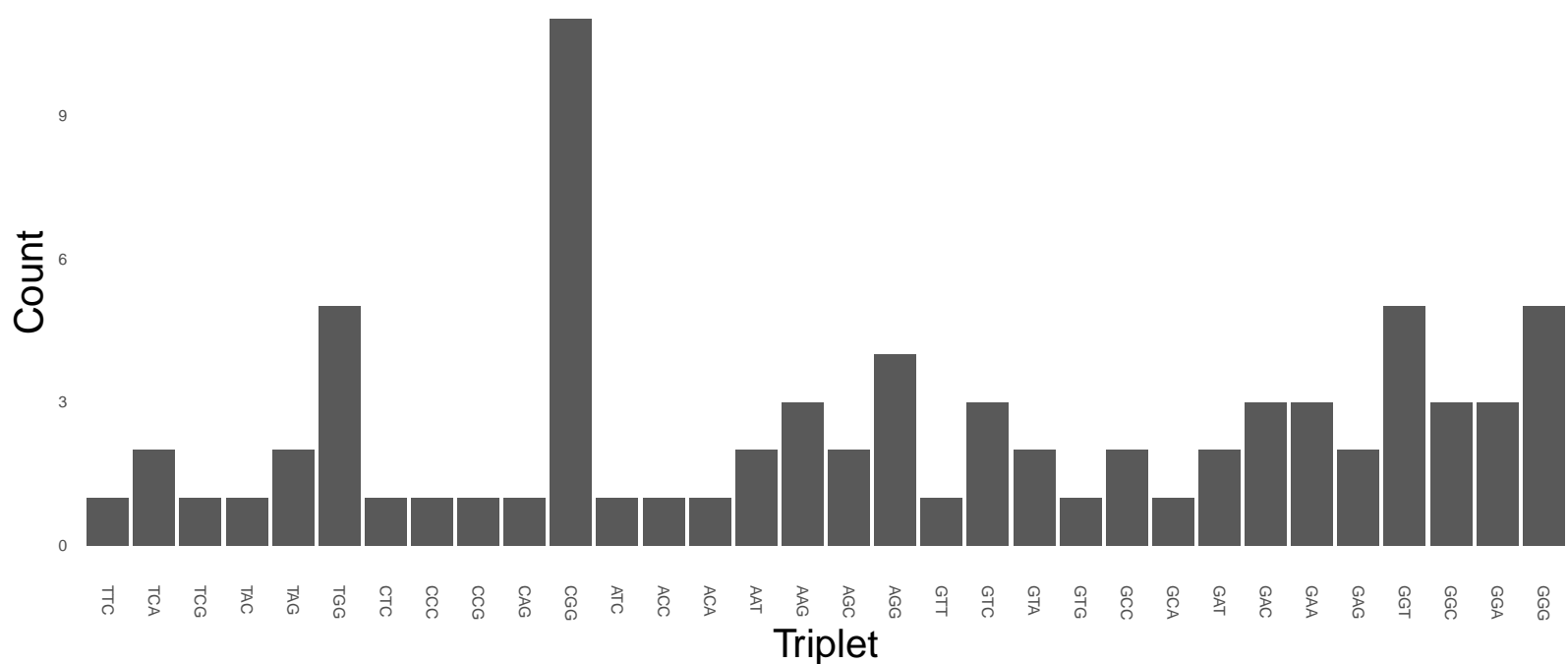
Gene TRBV5-5\*02\_322TTGG325



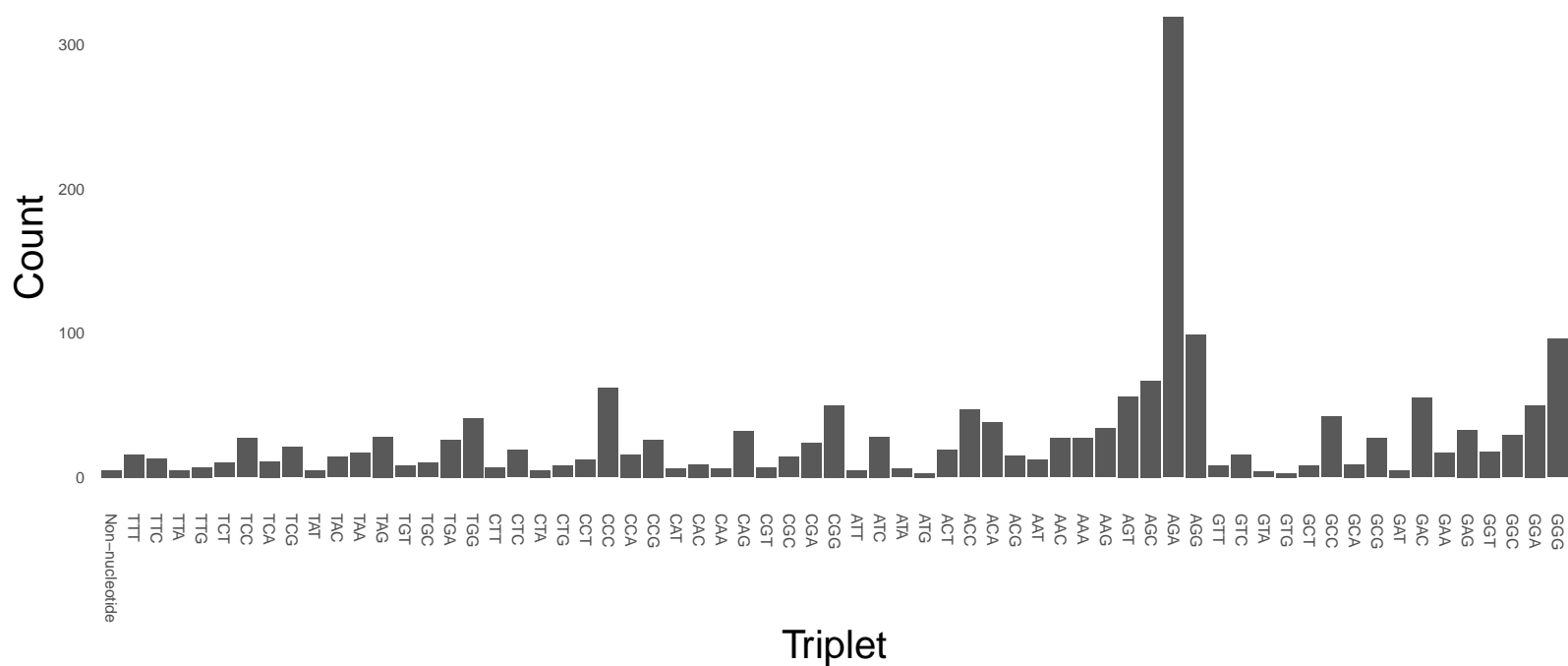
Gene TRBV7-7\*01\_C315T



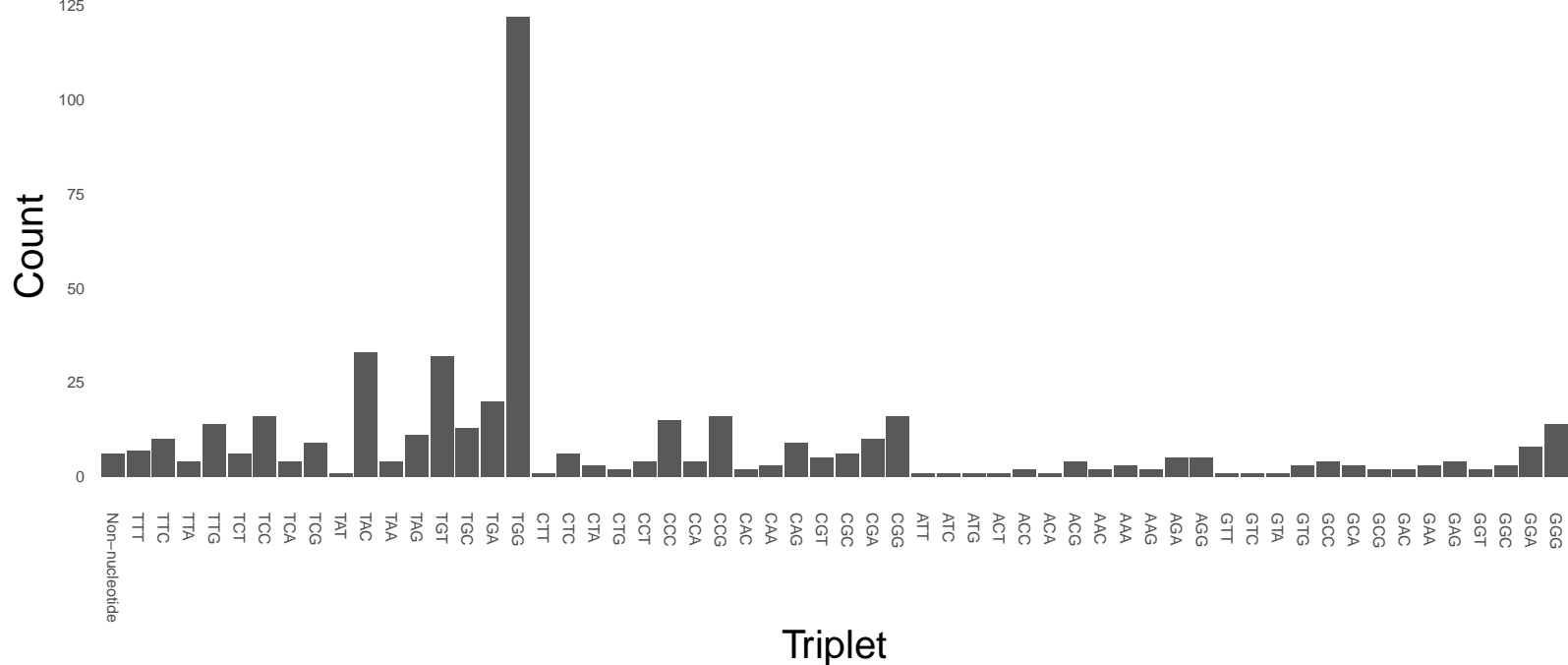
TRBV12-5\*01\_C28G\_T140A- Final 3 nucleotides as a triplet



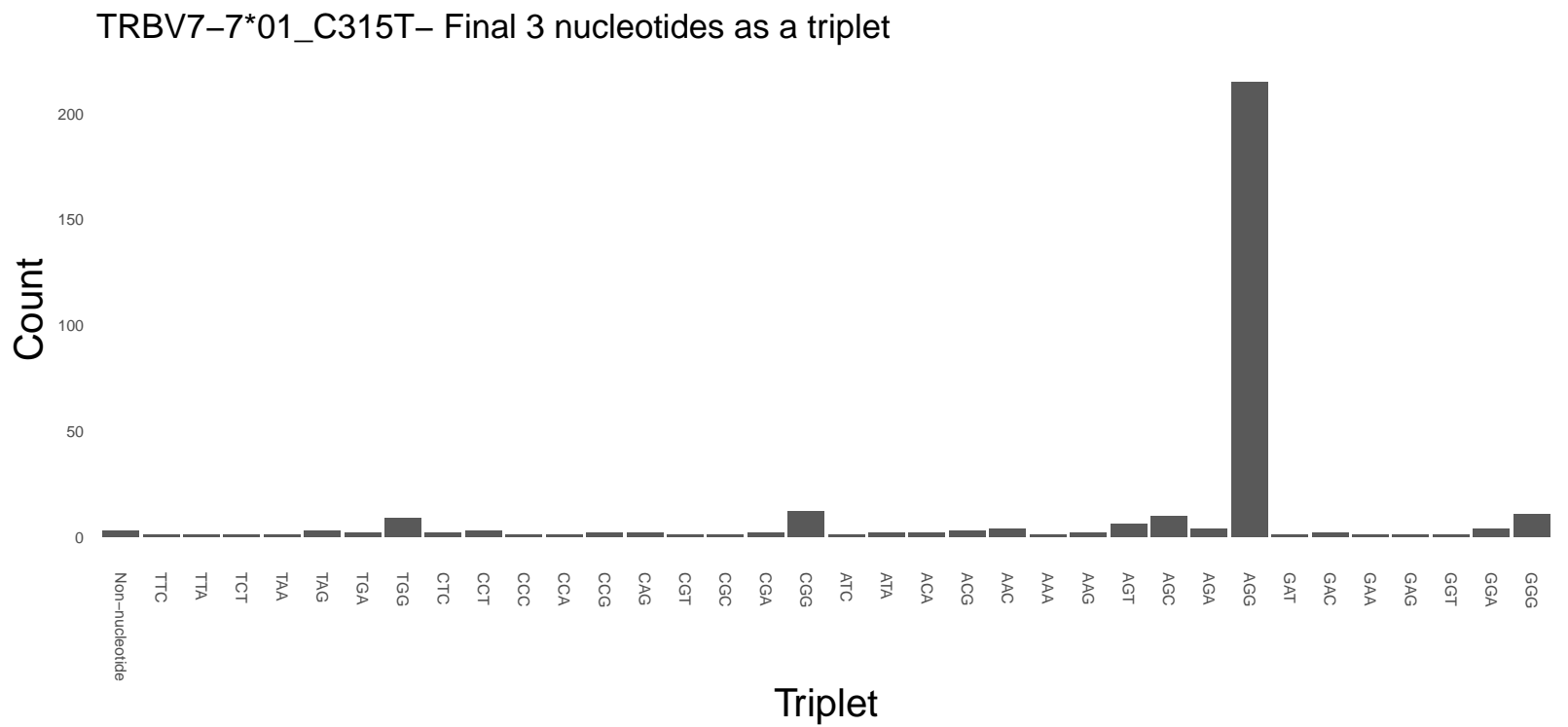
TRBV20-1\*02\_319AGAGA323- Final 3 nucleotides as a triplet



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

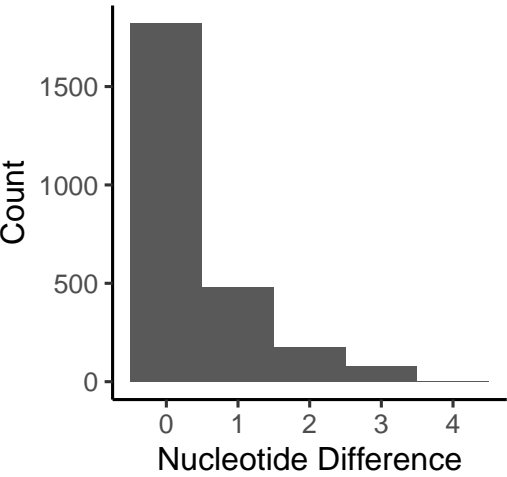


TRBV7-7\*01\_C315T- Final 3 nucleotides as a triplet



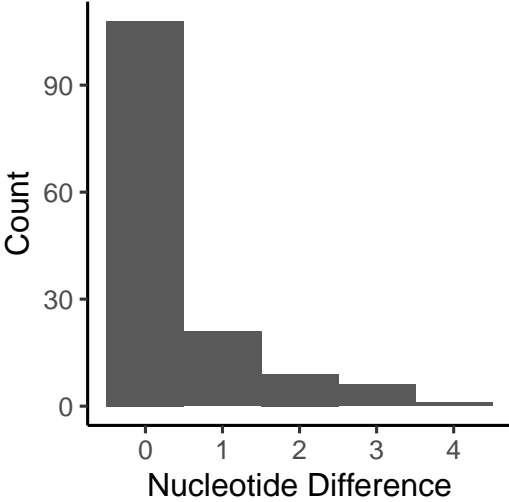
TRBV20-1\*01

2555 sequences assigned  
1821 (71.3%) exact matches, in which:  
1744 unique CDR3  
14 unique J



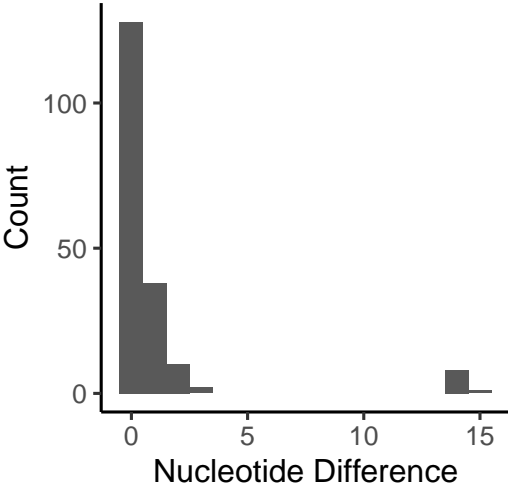
TRBV10-2\*01

145 sequences assigned  
108 (74.5%) exact matches, in which:  
94 unique CDR3  
13 unique J



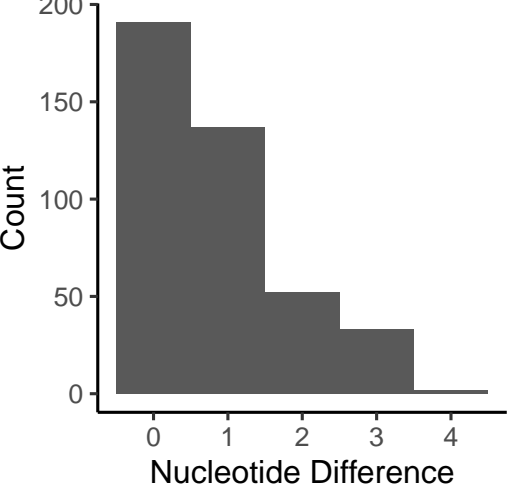
TRBV13\*01

187 sequences assigned  
128 (68.4%) exact matches, in which:  
120 unique CDR3  
14 unique J



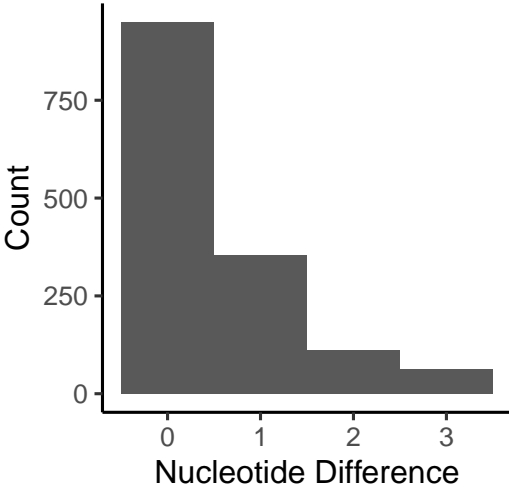
TRBV10-1\*01

416 sequences assigned  
191 (45.9%) exact matches, in which:  
109 unique CDR3  
12 unique J



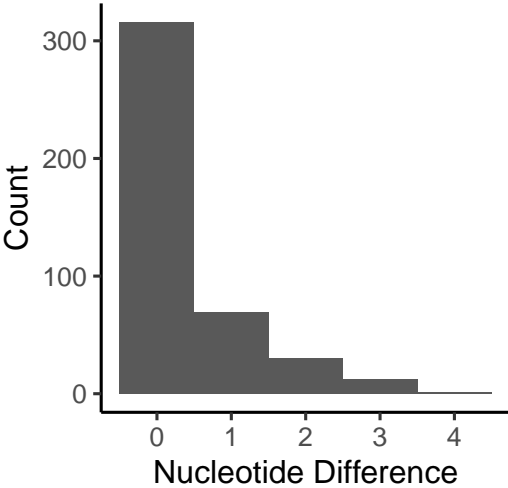
TRBV10-3\*01

1477 sequences assigned  
950 (64.3%) exact matches, in which:  
810 unique CDR3  
14 unique J



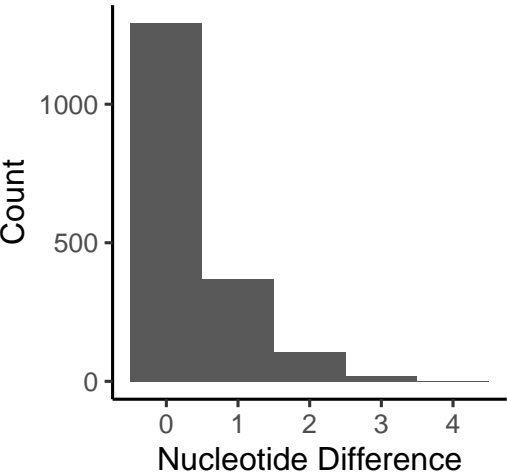
TRBV14\*01

429 sequences assigned  
316 (73.7%) exact matches, in which:  
311 unique CDR3  
14 unique J



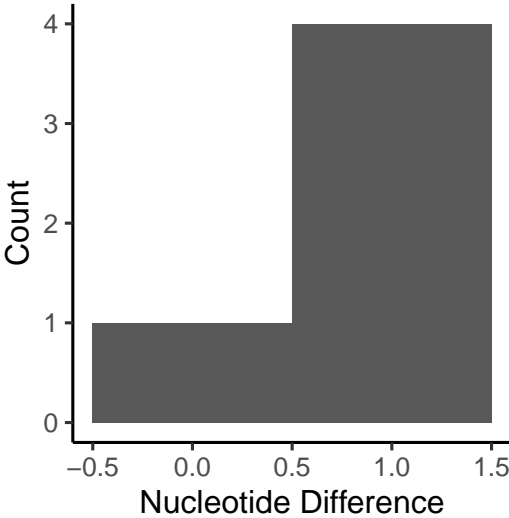
TRBV20-1\*02\_319AGAC

1789 sequences assigned  
1293 (72.3%) exact matches, in which:  
1253 unique CDR3  
13 unique J



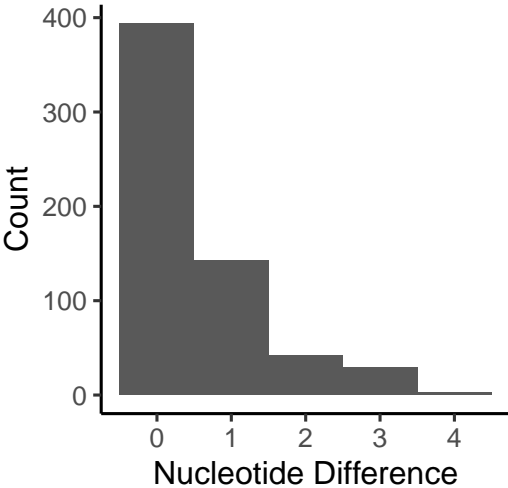
TRBV1\*01

5 sequences assigned  
1 (20%) exact matches, in which:  
1 unique CDR3  
1 unique J



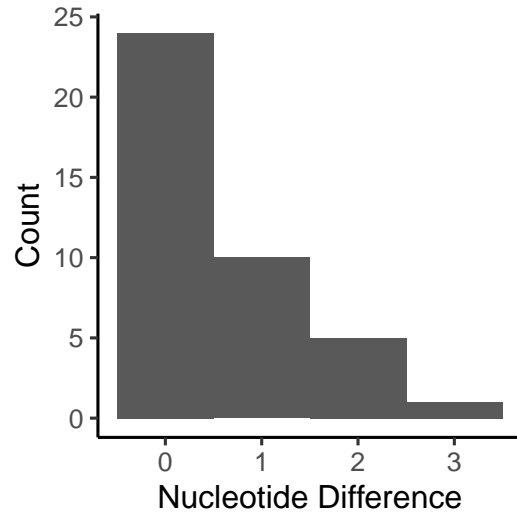
TRBV15\*02

611 sequences assigned  
394 (64.5%) exact matches, in which:  
349 unique CDR3  
14 unique J



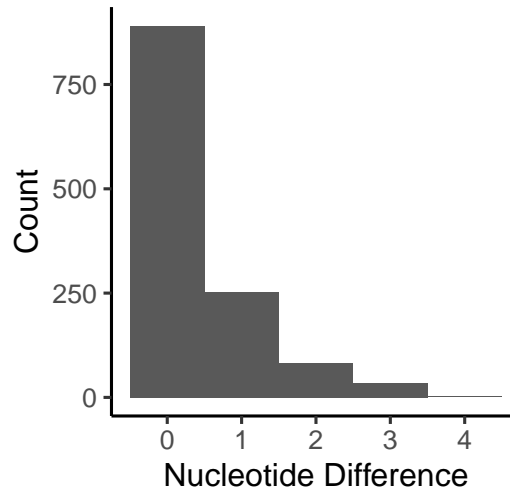
### TRBV16\*01

40 sequences assigned  
24 (60%) exact matches, in which:  
24 unique CDR3  
7 unique J



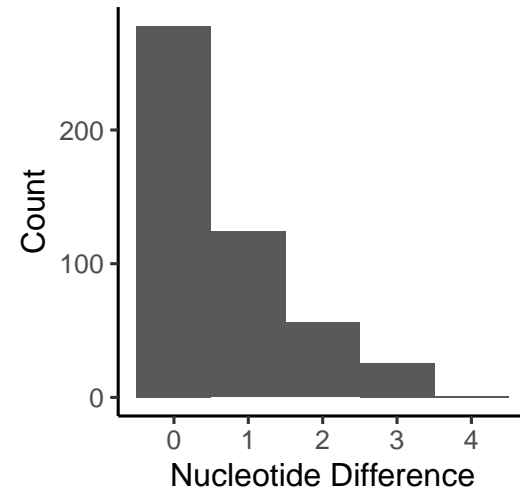
### TRBV2\*01

1263 sequences assigned  
891 (70.5%) exact matches, in which:  
844 unique CDR3  
14 unique J



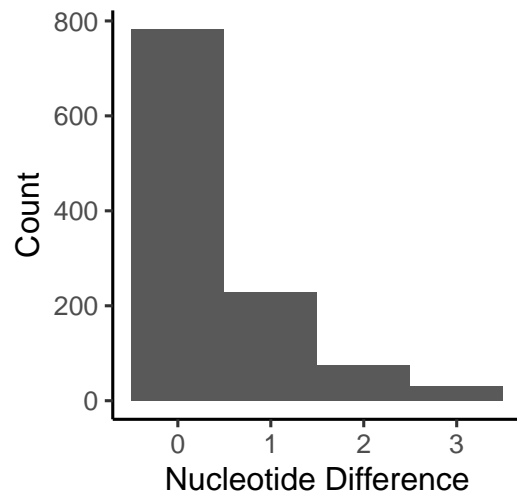
### TRBV30\*01

485 sequences assigned  
278 (57.3%) exact matches, in which:  
218 unique CDR3  
13 unique J



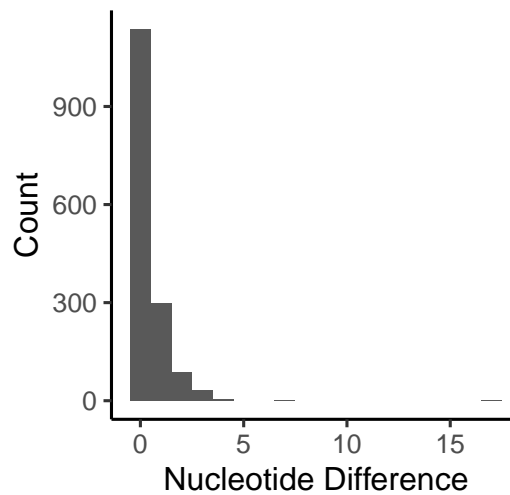
### TRBV18\*01

1116 sequences assigned  
783 (70.2%) exact matches, in which:  
715 unique CDR3  
14 unique J



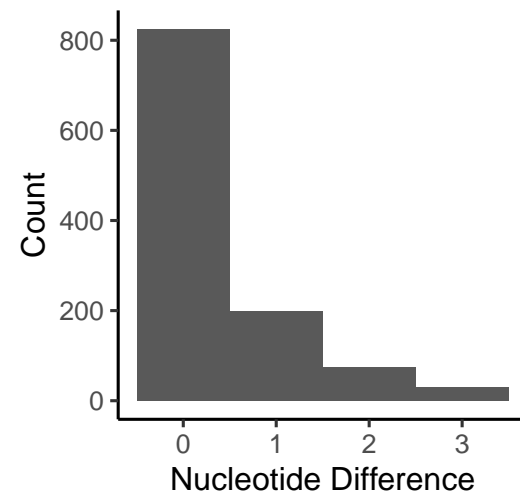
### TRBV27\*01

1562 sequences assigned  
1137 (72.8%) exact matches, in which:  
1030 unique CDR3  
14 unique J



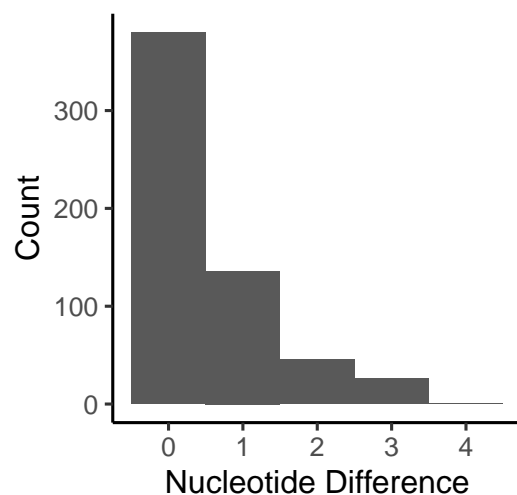
### TRBV9\*01

1127 sequences assigned  
825 (73.2%) exact matches, in which:  
806 unique CDR3  
14 unique J



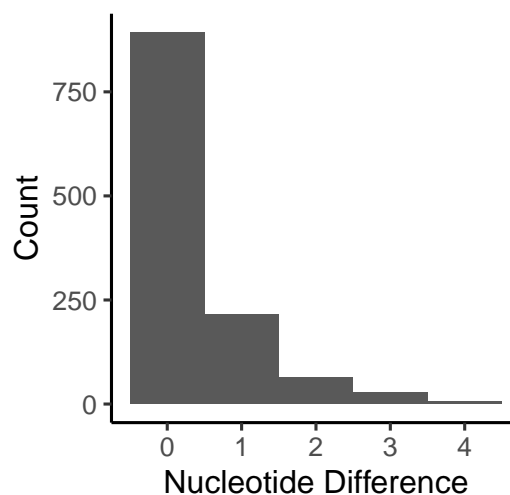
### TRBV19\*01

589 sequences assigned  
380 (64.5%) exact matches, in which:  
354 unique CDR3  
14 unique J



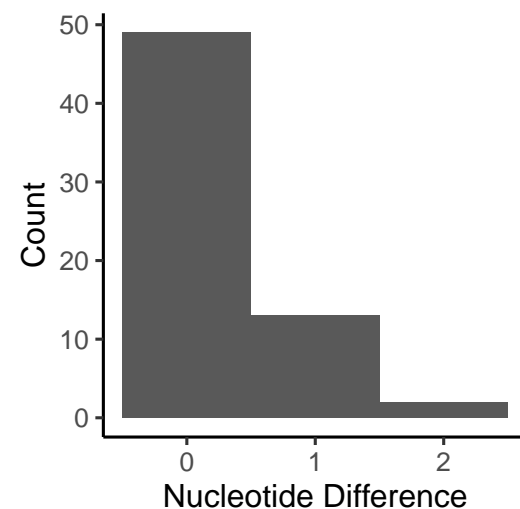
### TRBV28\*01

1203 sequences assigned  
893 (74.2%) exact matches, in which:  
865 unique CDR3  
14 unique J



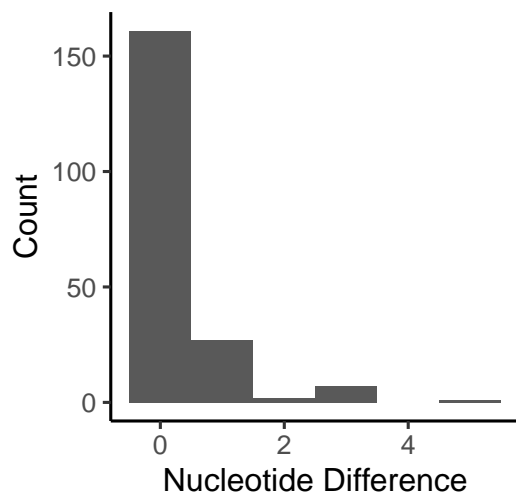
### TRBV11-1\*01

64 sequences assigned  
49 (76.6%) exact matches, in which:  
48 unique CDR3  
10 unique J



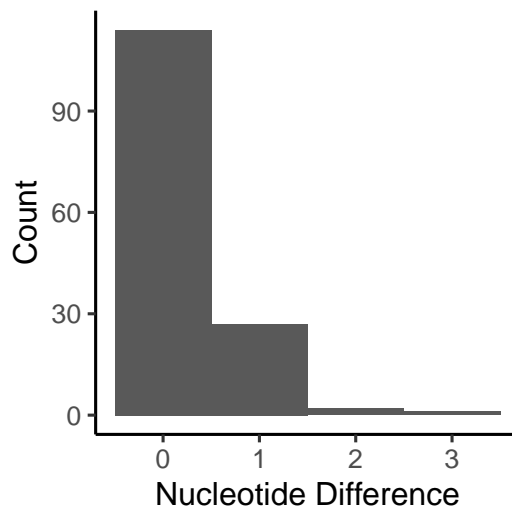
### TRBV21-1\*01

198 sequences assigned  
161 (81.3%) exact matches, in which:  
158 unique CDR3  
13 unique J



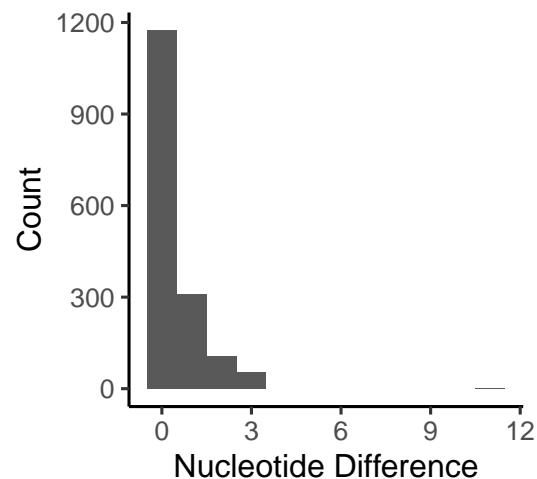
### TRBV11-3\*01

144 sequences assigned  
114 (79.2%) exact matches, in which:  
113 unique CDR3  
13 unique J



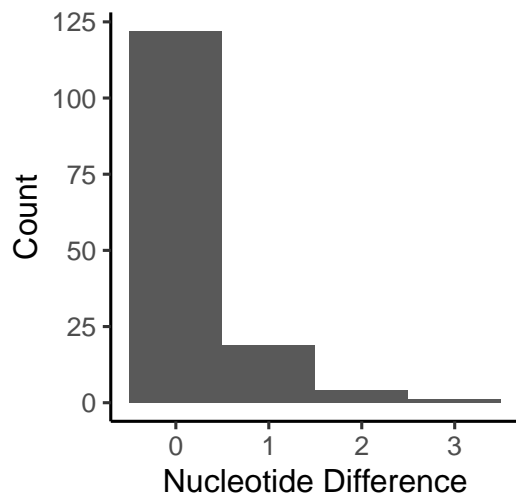
### TRBV12-3\*01

1645 sequences assigned  
1174 (71.4%) exact matches, in which:  
1134 unique CDR3  
14 unique J



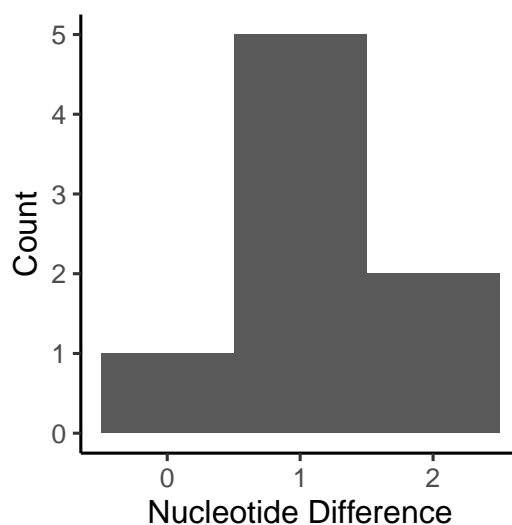
### TRBV21-1\*02

146 sequences assigned  
122 (83.6%) exact matches, in which:  
120 unique CDR3  
13 unique J



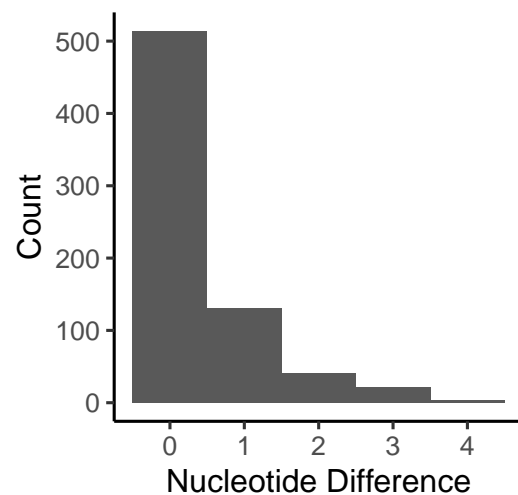
### TRBV12-1\*01

8 sequences assigned  
1 (12.5%) exact matches, in which:  
1 unique CDR3  
1 unique J



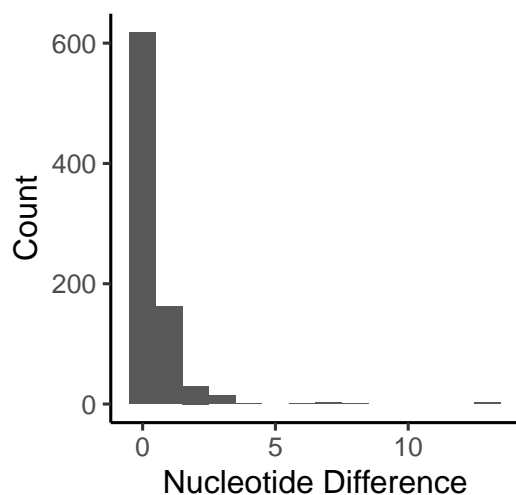
### TRBV12-4\*01

710 sequences assigned  
514 (72.4%) exact matches, in which:  
501 unique CDR3  
14 unique J



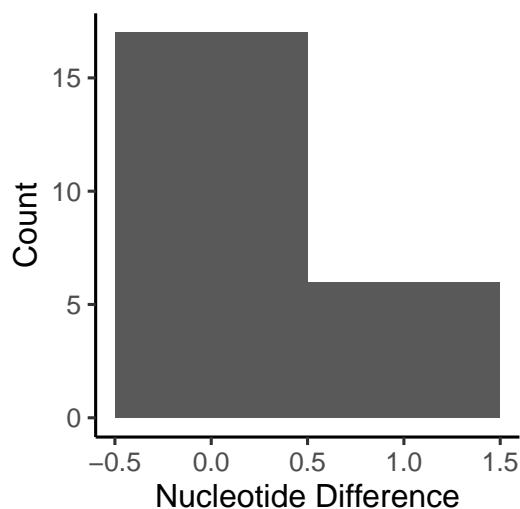
### TRBV11-2\*01

831 sequences assigned  
618 (74.4%) exact matches, in which:  
600 unique CDR3  
14 unique J



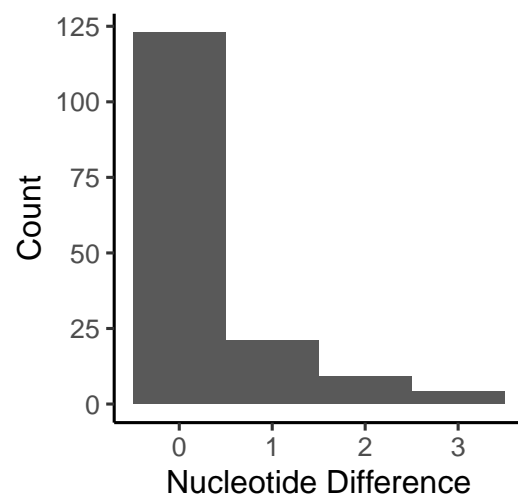
### TRBV12-2\*01

23 sequences assigned  
17 (73.9%) exact matches, in which:  
16 unique CDR3  
10 unique J



### TRBV12-5\*01

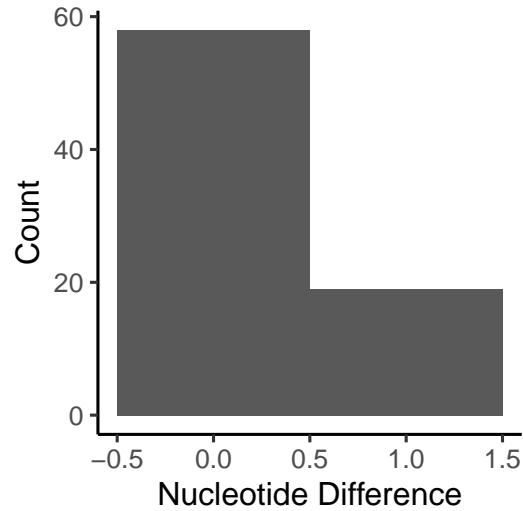
157 sequences assigned  
123 (78.3%) exact matches, in which:  
120 unique CDR3  
13 unique J





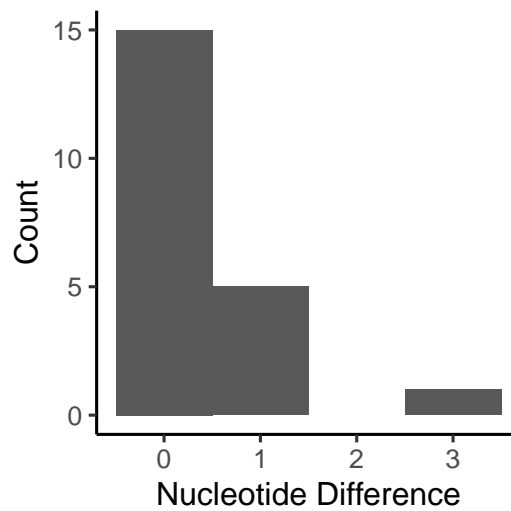
### TRBV12-5\*01\_C28G\_T14

77 sequences assigned  
58 (75.3%) exact matches, in which:  
56 unique CDR3  
10 unique J



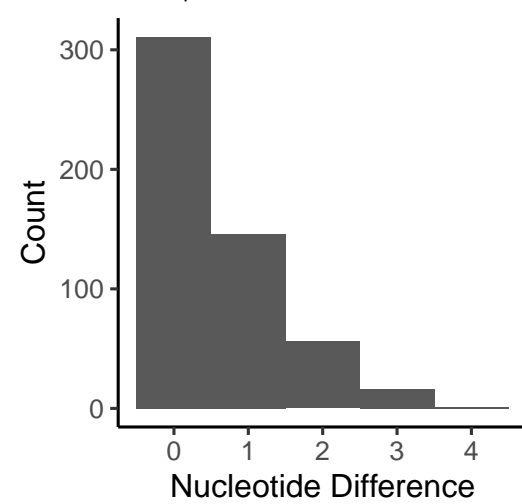
### TRBV3-2\*01

21 sequences assigned  
15 (71.4%) exact matches, in which:  
14 unique CDR3  
8 unique J



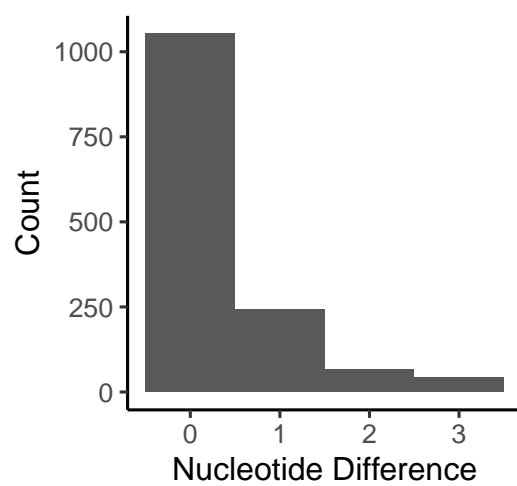
### TRBV24-1\*01

530 sequences assigned  
311 (58.7%) exact matches, in which:  
236 unique CDR3  
12 unique J



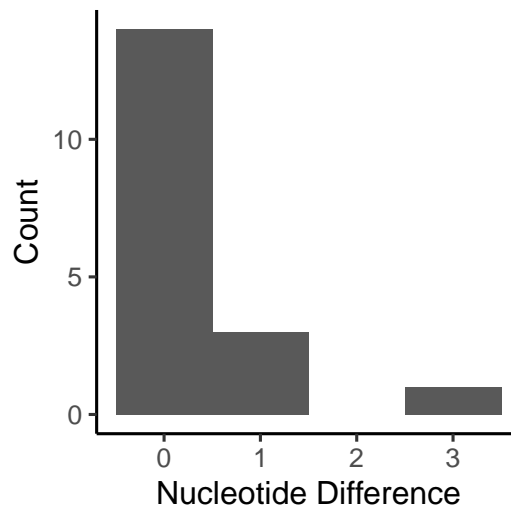
### TRBV3-1\*01

1404 sequences assigned  
1053 (75%) exact matches, in which:  
1019 unique CDR3  
14 unique J



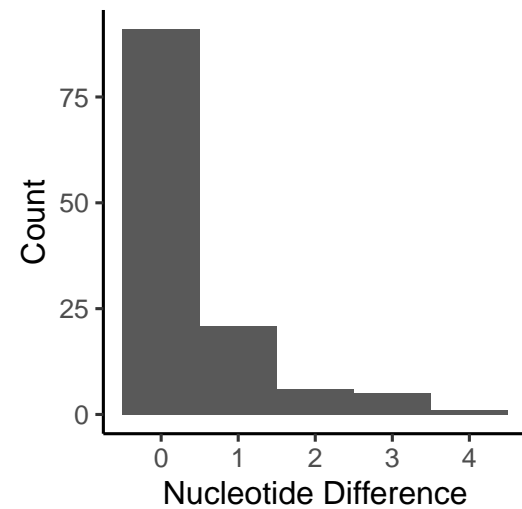
### TRBV3-2\*02

18 sequences assigned  
14 (77.8%) exact matches, in which:  
14 unique CDR3  
5 unique J



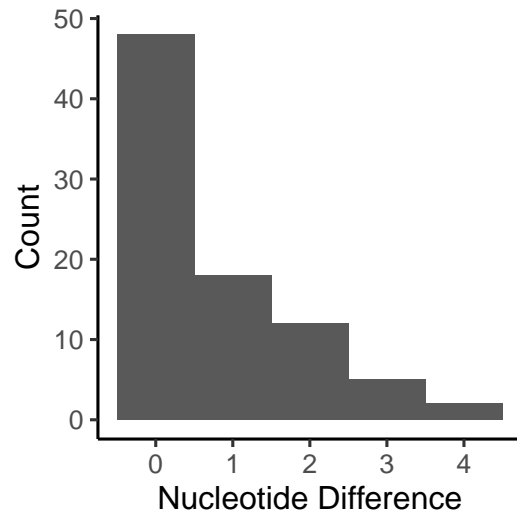
### TRBV24-1\*02

124 sequences assigned  
91 (73.4%) exact matches, in which:  
84 unique CDR3  
10 unique J



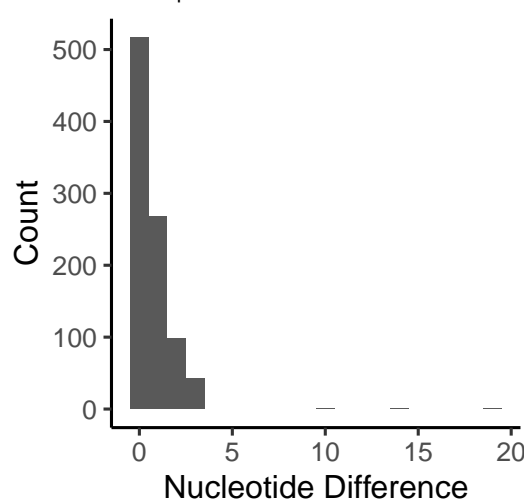
### TRBV23-1\*01

85 sequences assigned  
48 (56.5%) exact matches, in which:  
47 unique CDR3  
10 unique J



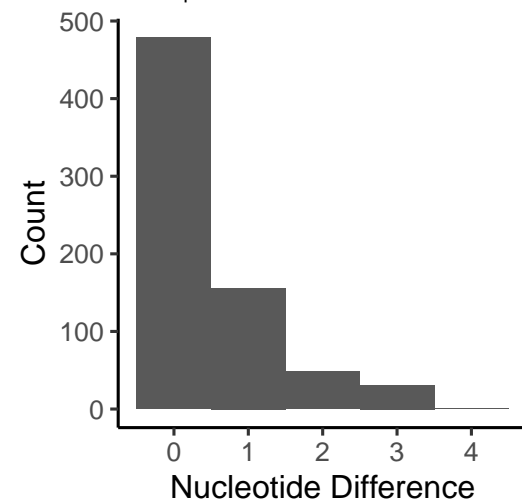
### TRBV4-1\*01

929 sequences assigned  
517 (55.7%) exact matches, in which:  
355 unique CDR3  
14 unique J



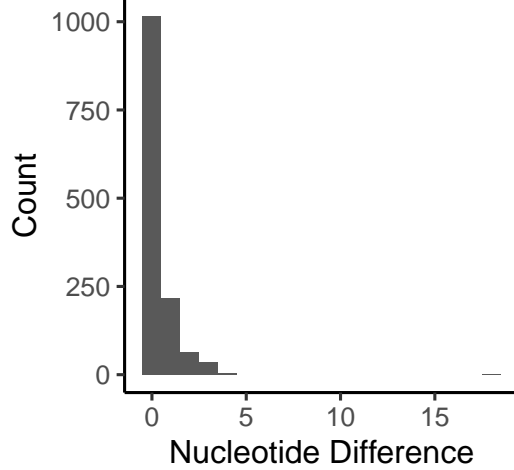
### TRBV4-2\*01

715 sequences assigned  
479 (67%) exact matches, in which:  
396 unique CDR3  
14 unique J



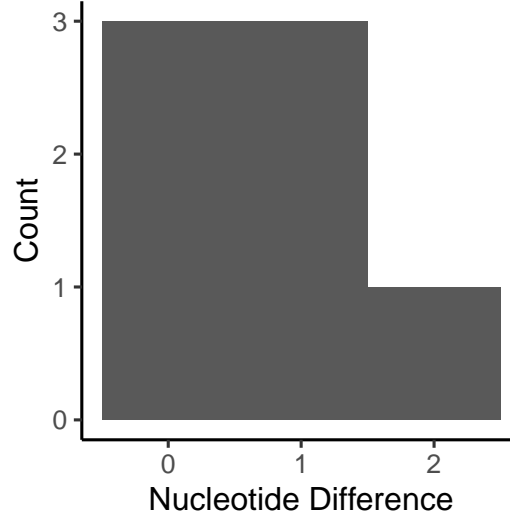
### TRBV4-3\*01

1335 sequences assigned  
1015 (76%) exact matches, in which:  
957 unique CDR3  
14 unique J



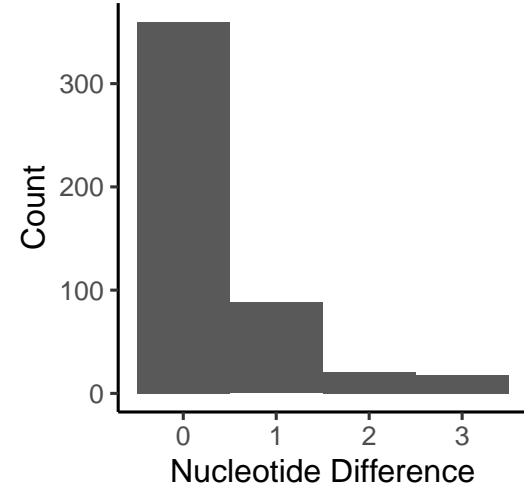
### TRBV5-3\*01

7 sequences assigned  
3 (42.9%) exact matches, in which:  
3 unique CDR3  
2 unique J



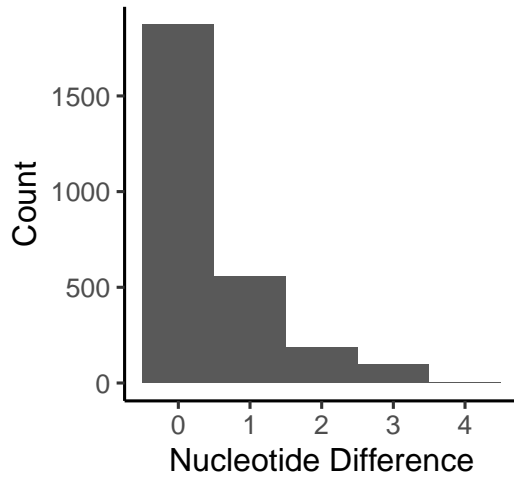
### TRBV5-6\*01

487 sequences assigned  
360 (73.9%) exact matches, in which:  
347 unique CDR3  
14 unique J



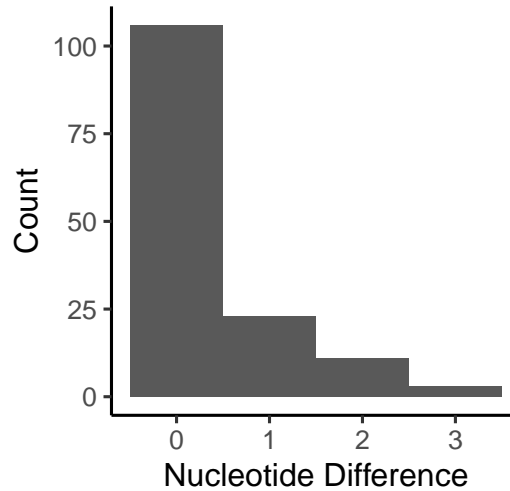
### TRBV5-1\*01

2713 sequences assigned  
1872 (69%) exact matches, in which:  
1757 unique CDR3  
14 unique J



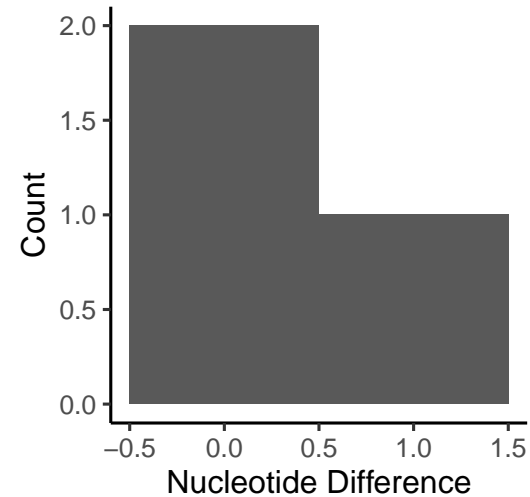
### TRBV5-4\*01

143 sequences assigned  
106 (74.1%) exact matches, in which:  
104 unique CDR3  
13 unique J



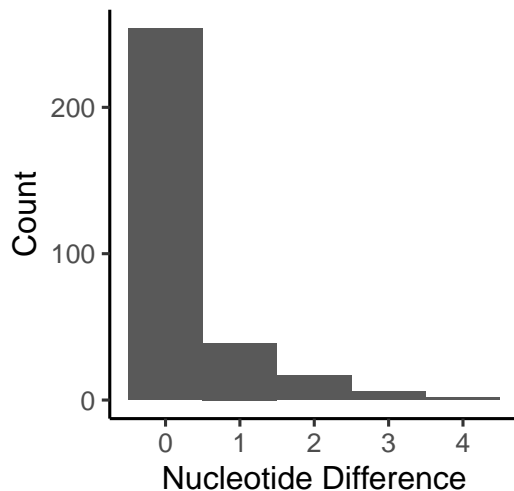
### TRBV5-7\*01

3 sequences assigned  
2 (66.7%) exact matches, in which:  
2 unique CDR3  
2 unique J



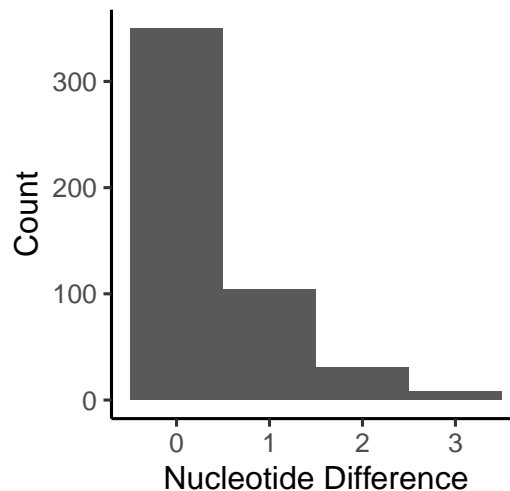
### TRBV25-1\*01

318 sequences assigned  
254 (79.9%) exact matches, in which:  
246 unique CDR3  
14 unique J



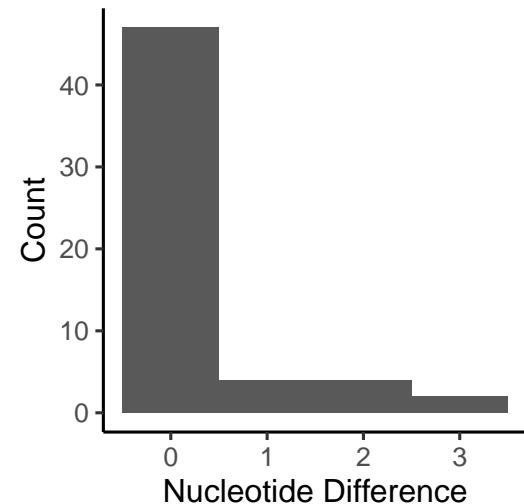
### TRBV5-5\*02\_322TTGG3

493 sequences assigned  
350 (71%) exact matches, in which:  
324 unique CDR3  
14 unique J



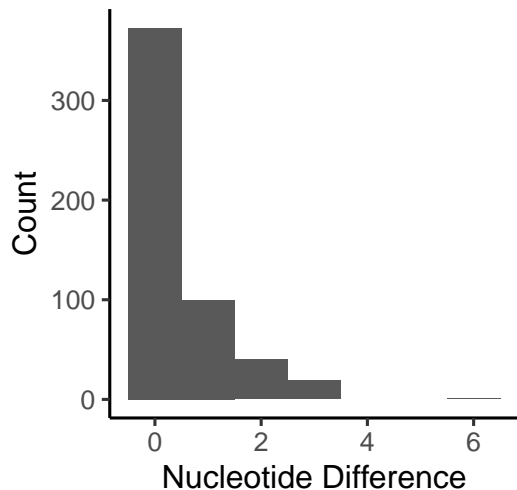
### TRBV5-8\*01

57 sequences assigned  
47 (82.5%) exact matches, in which:  
47 unique CDR3  
13 unique J



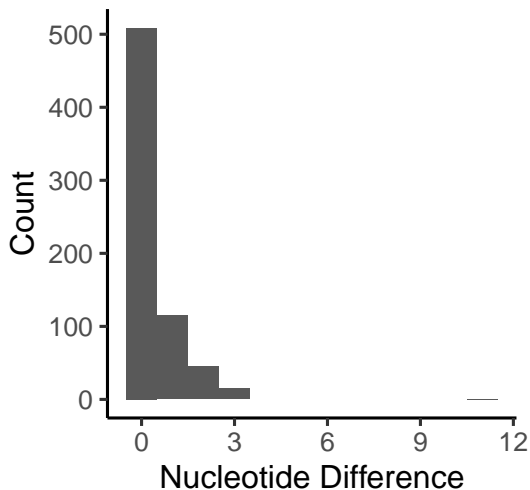
### TRBV6-1\*01

536 sequences assigned  
373 (69.6%) exact matches, in which:  
369 unique CDR3  
14 unique J



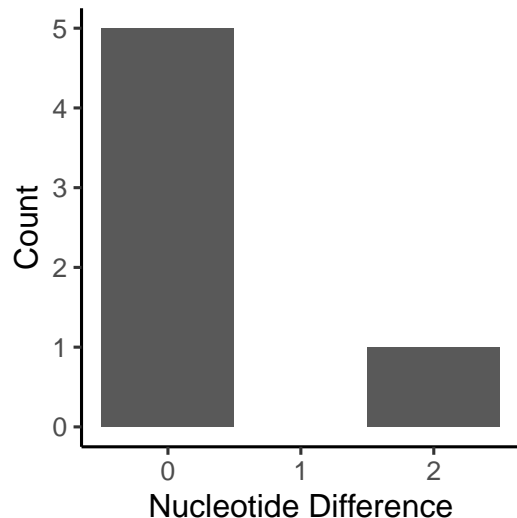
### TRBV6-6\*01

685 sequences assigned  
509 (74.3%) exact matches, in which:  
494 unique CDR3  
14 unique J



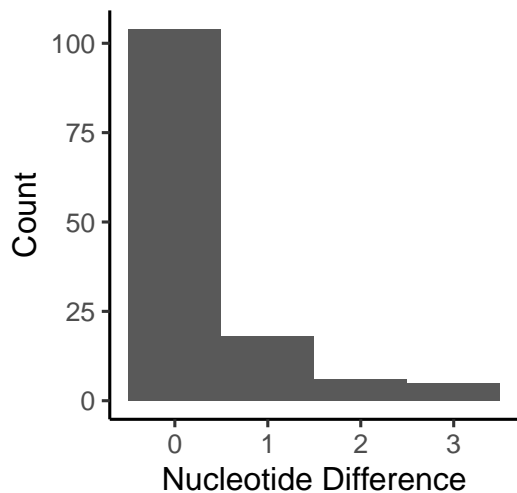
### TRBV6-9\*01

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



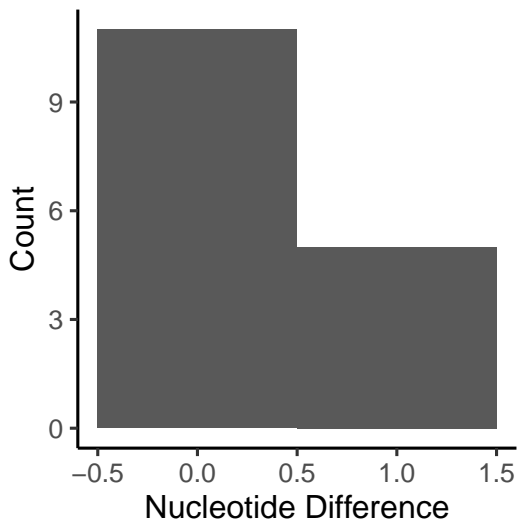
### TRBV6-4\*01

133 sequences assigned  
104 (78.2%) exact matches, in which:  
100 unique CDR3  
13 unique J



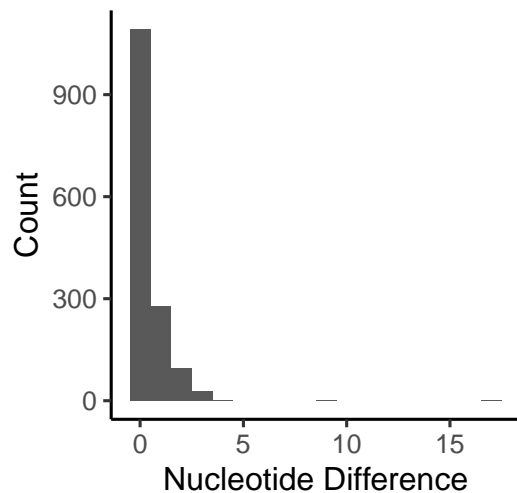
### TRBV6-7\*01

16 sequences assigned  
11 (68.8%) exact matches, in which:  
11 unique CDR3  
8 unique J



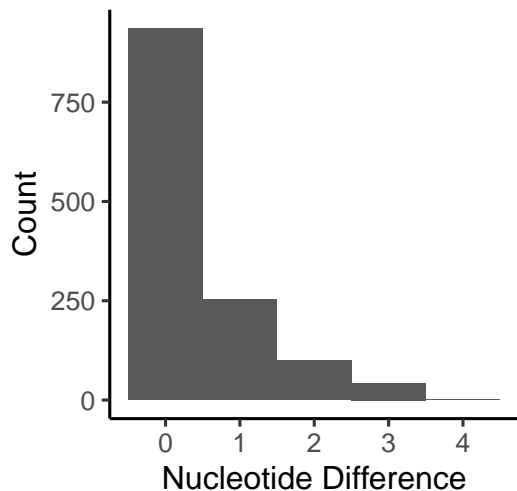
### TRBV6-23\*01

1498 sequences assigned  
1093 (73%) exact matches, in which:  
1049 unique CDR3  
14 unique J



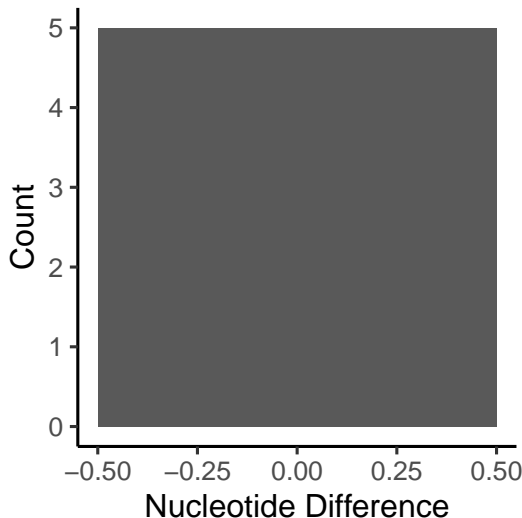
### TRBV6-5\*01

1333 sequences assigned  
936 (70.2%) exact matches, in which:  
893 unique CDR3  
14 unique J



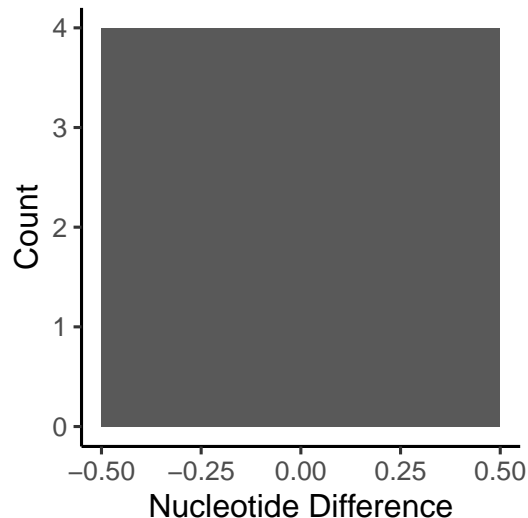
### TRBV6-8\*01

5 sequences assigned  
5 (100%) exact matches, in which:  
5 unique CDR3  
4 unique J



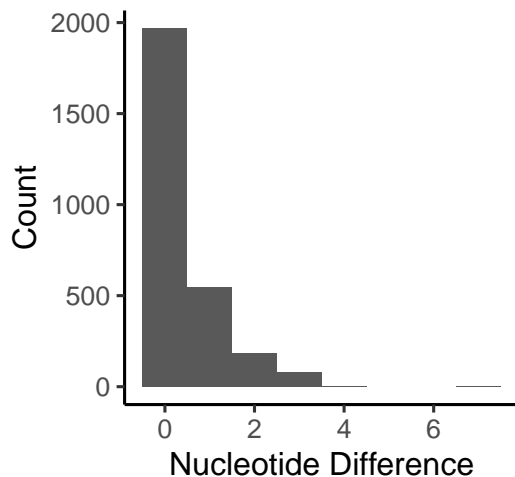
### TRBV7-1\*01

4 sequences assigned  
4 (100%) exact matches, in which:  
4 unique CDR3  
3 unique J



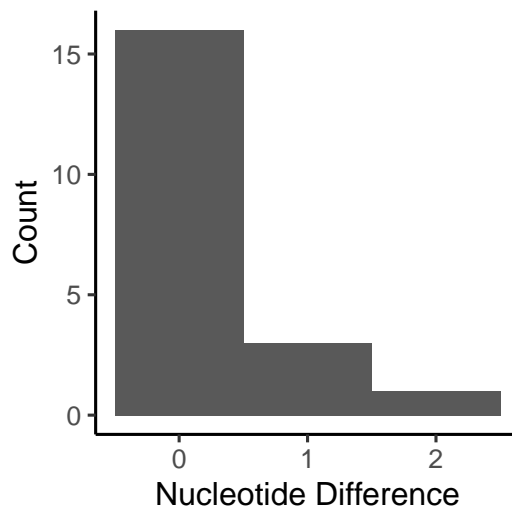
### TRBV7-2\*01

2779 sequences assigned  
1968 (70.8%) exact matches, in which:  
1887 unique CDR3  
14 unique J



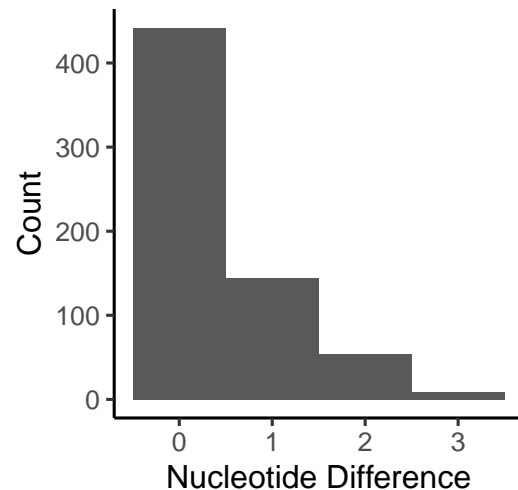
### TRBV7-4\*01

20 sequences assigned  
16 (80%) exact matches, in which:  
14 unique CDR3  
7 unique J



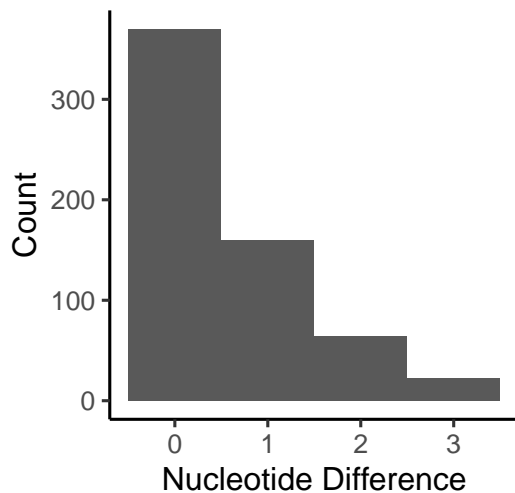
### TRBV7-8\*01

649 sequences assigned  
442 (68.1%) exact matches, in which:  
407 unique CDR3  
14 unique J



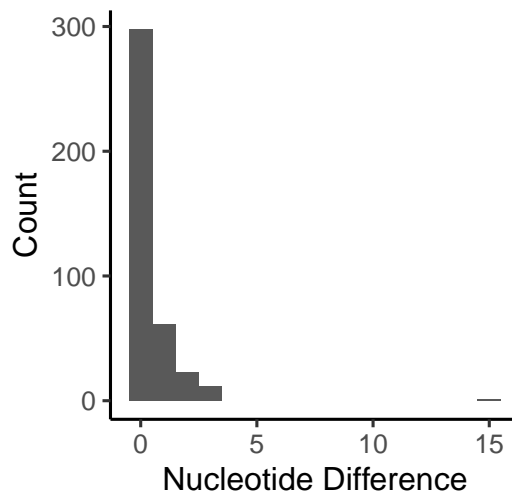
### TRBV7-3\*01

616 sequences assigned  
370 (60.1%) exact matches, in which:  
310 unique CDR3  
13 unique J



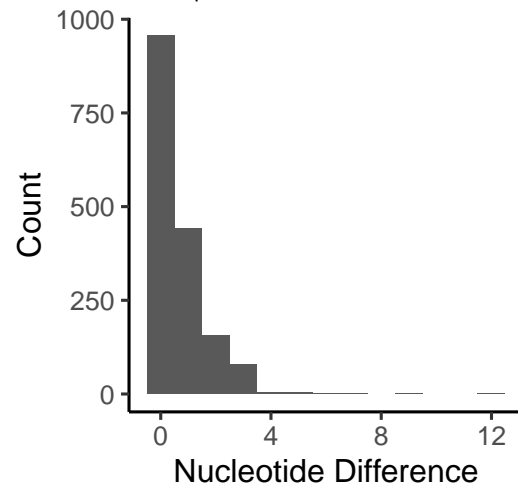
### TRBV7-6\*01

395 sequences assigned  
298 (75.4%) exact matches, in which:  
290 unique CDR3  
14 unique J



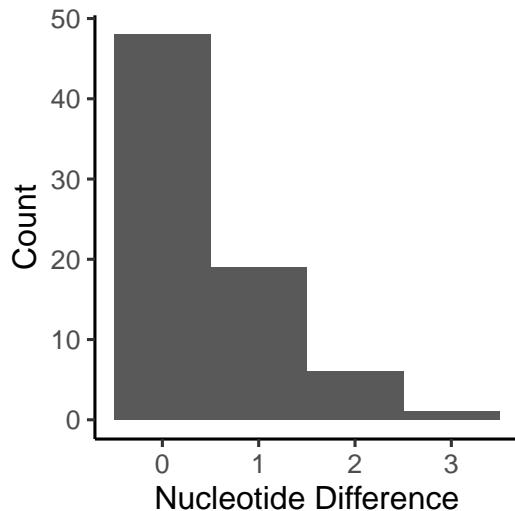
### TRBV7-9\*01

1646 sequences assigned  
956 (58.1%) exact matches, in which:  
770 unique CDR3  
13 unique J



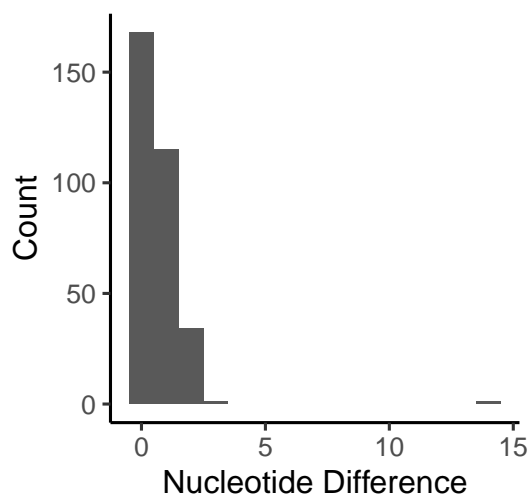
### TRBV7-3\*02

74 sequences assigned  
48 (64.9%) exact matches, in which:  
48 unique CDR3  
11 unique J



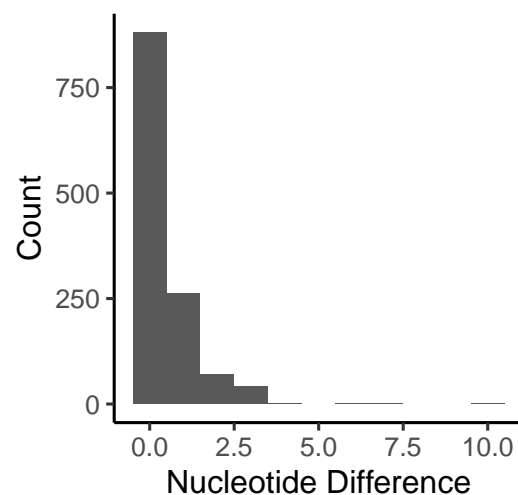
### TRBV7-7\*01\_C315T

319 sequences assigned  
168 (52.7%) exact matches, in which:  
92 unique CDR3  
14 unique J



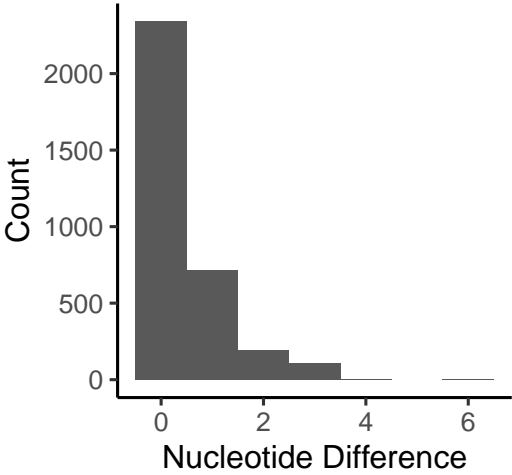
### TRBV7-9\*03

1259 sequences assigned  
881 (70%) exact matches, in which:  
810 unique CDR3  
13 unique J

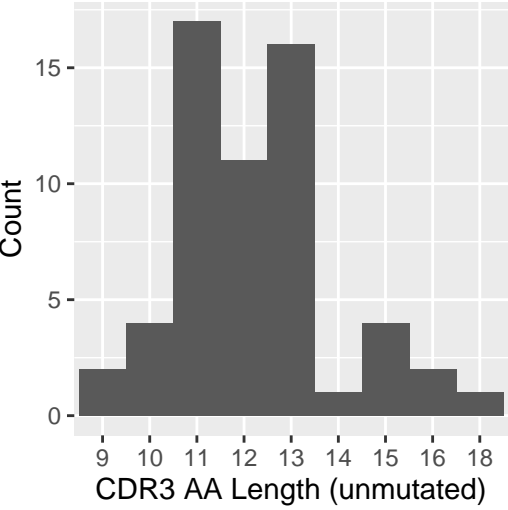


# TRBV29-1\*01

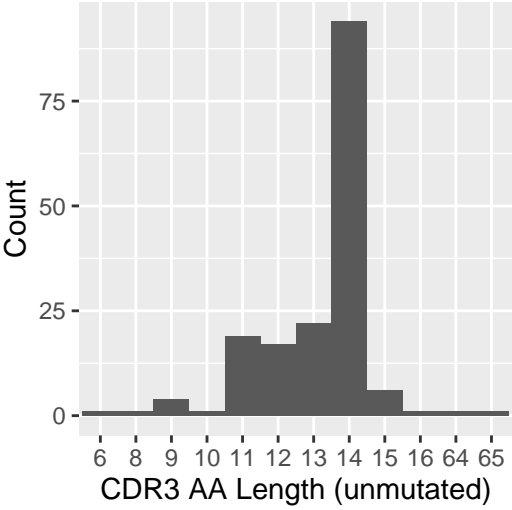
3364 sequences assigned  
2341 (69.6%) exact matches, in which:  
2130 unique CDR3  
14 unique J



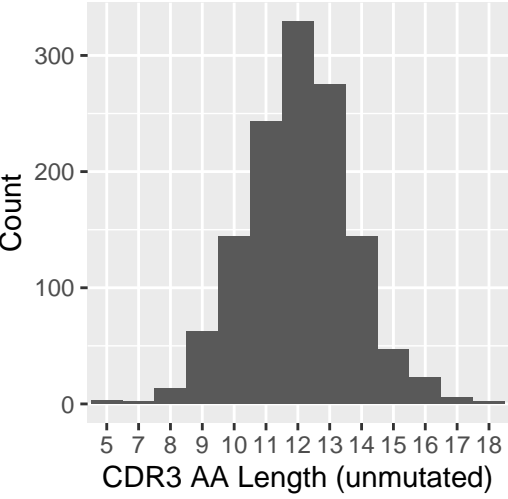
TRBV12-5\*01\_C28G\_T140A



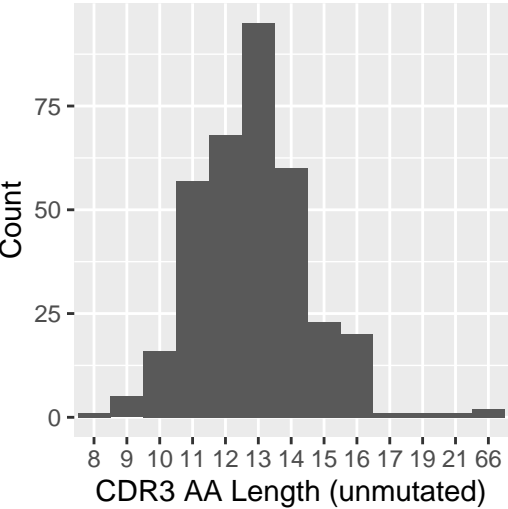
TRBV7-7\*01\_C315T

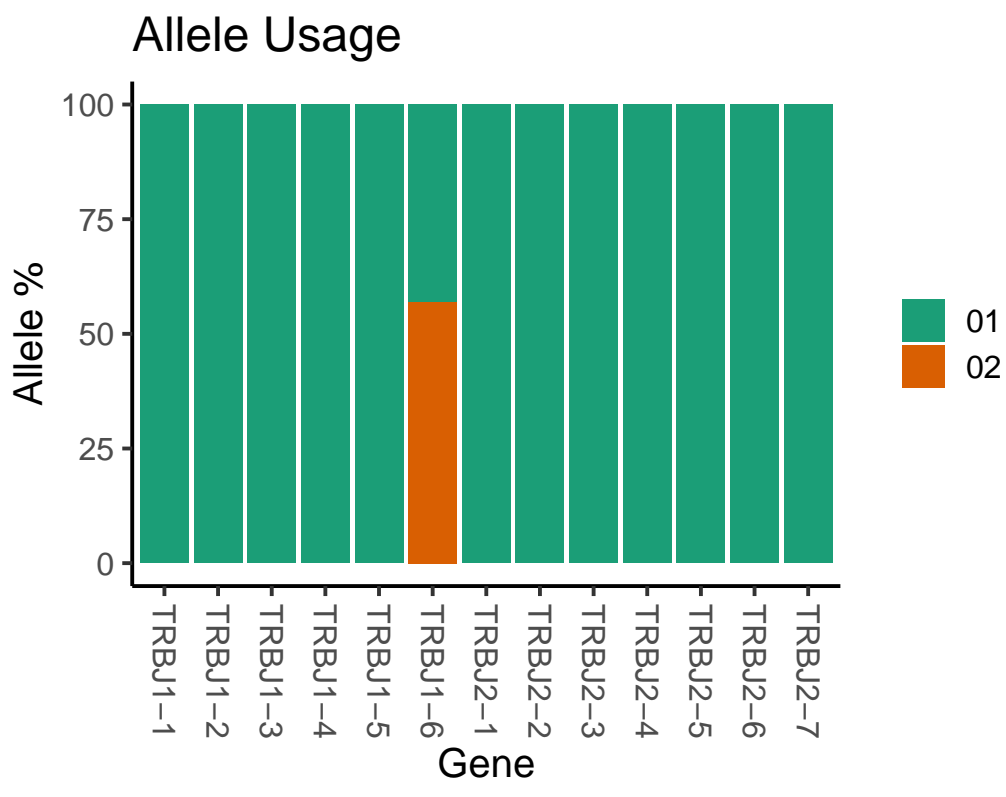


TRBV20-1\*02\_319AGAGA323



TRBV5-5\*02\_322TTGG325





### Sequence Count by TRBJ1–6 allele usage

