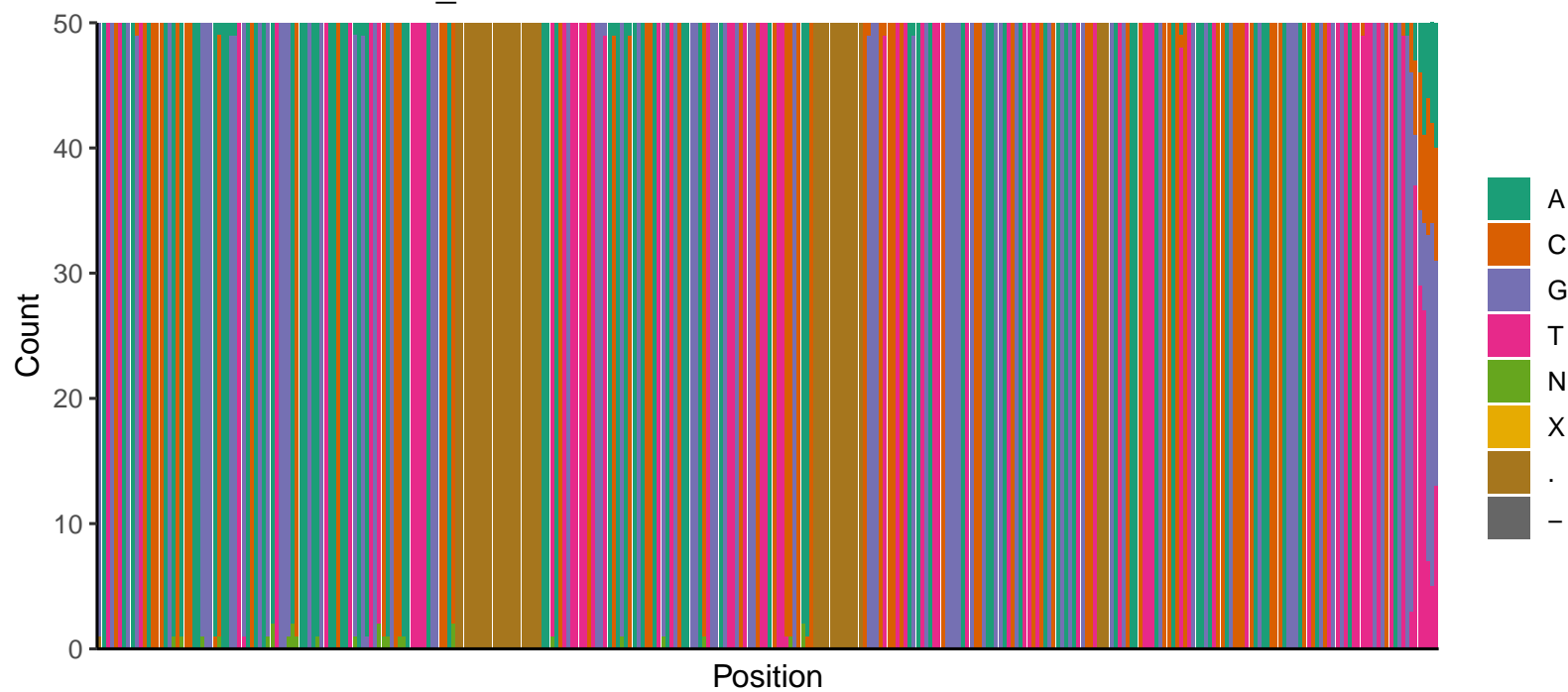


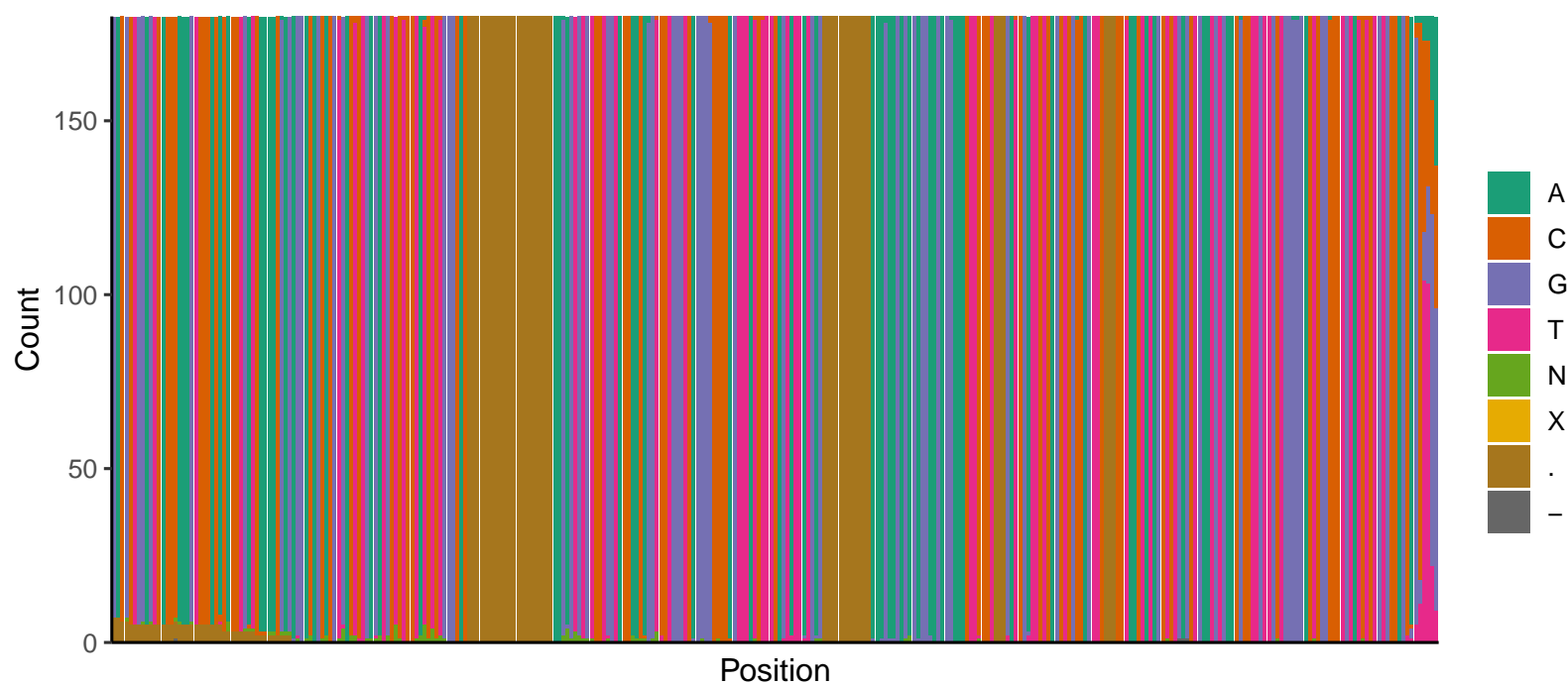
Gene TRBV12-5\*01\_C28G



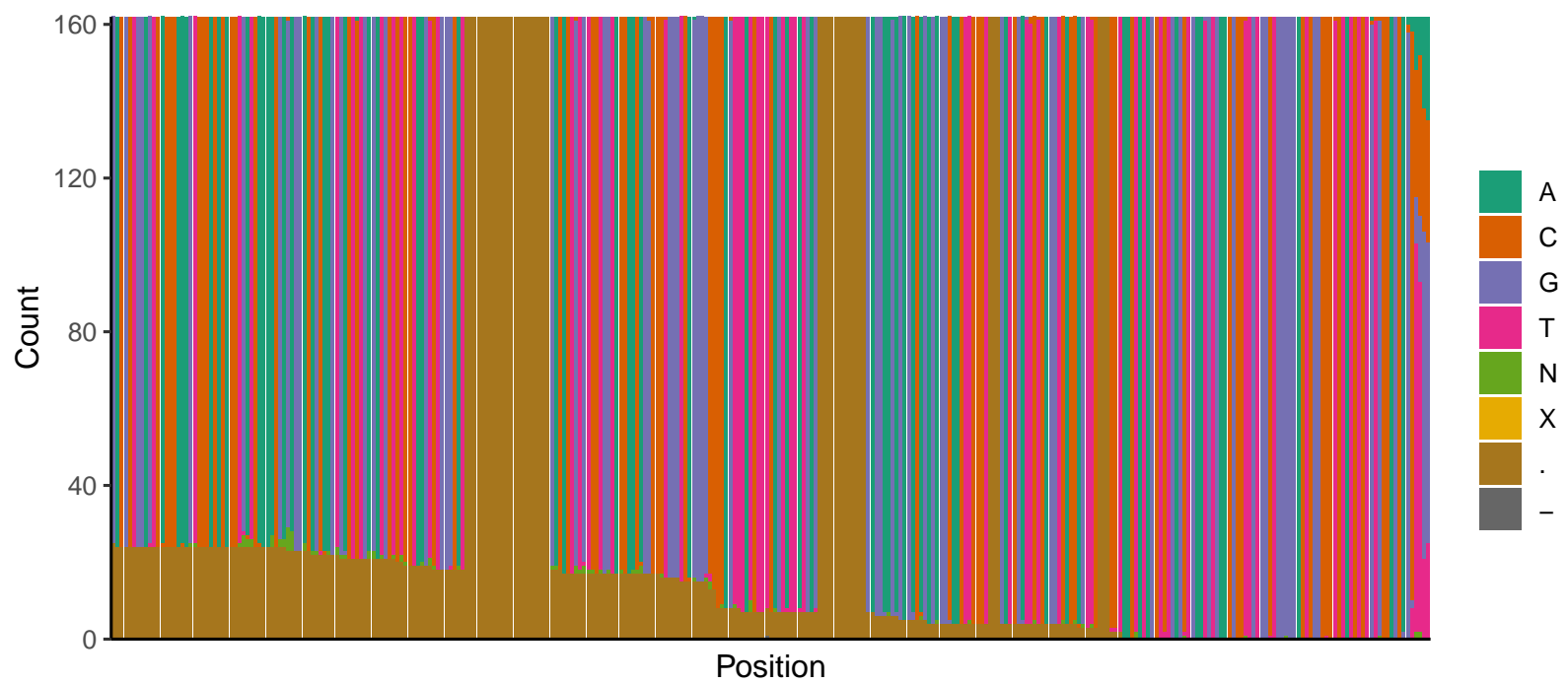
Gene TRBV20-1\*02\_319AGAGA323



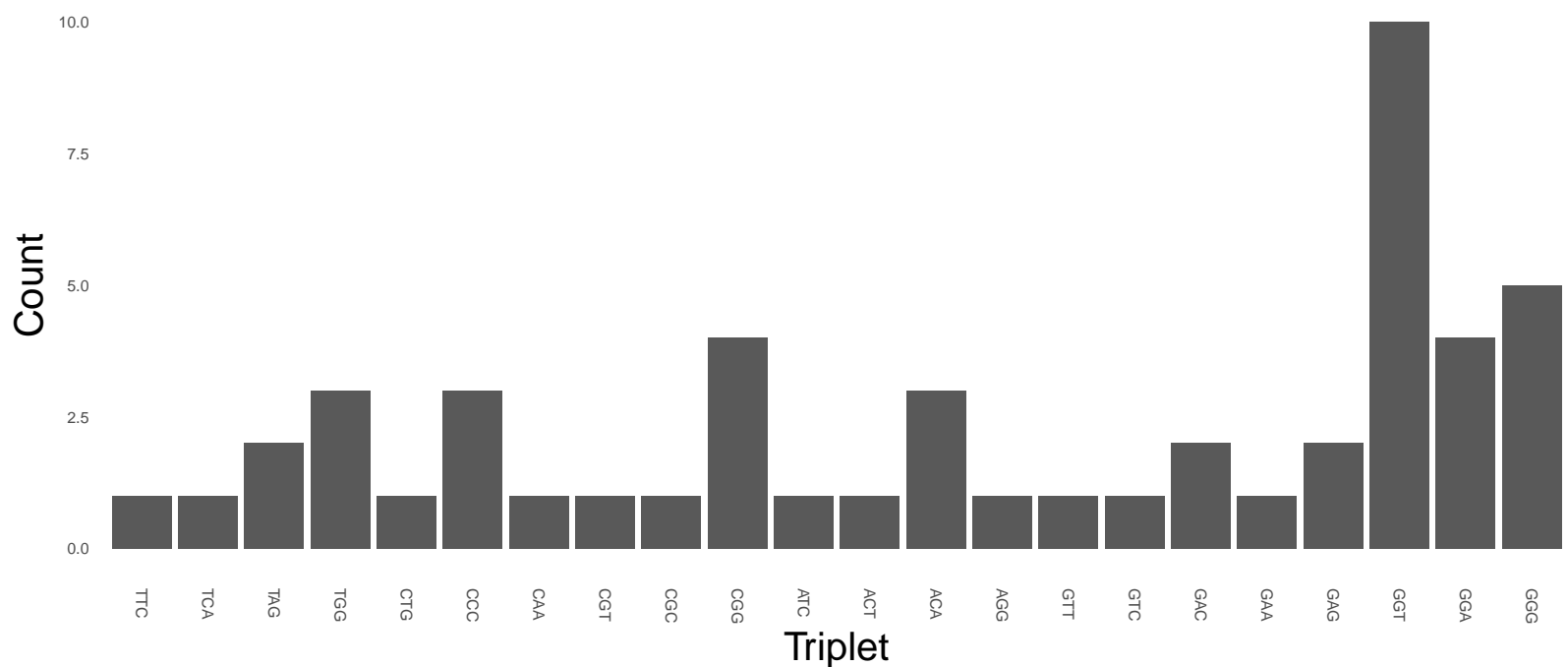
Gene TRBV5-5\*02\_322TTGG325



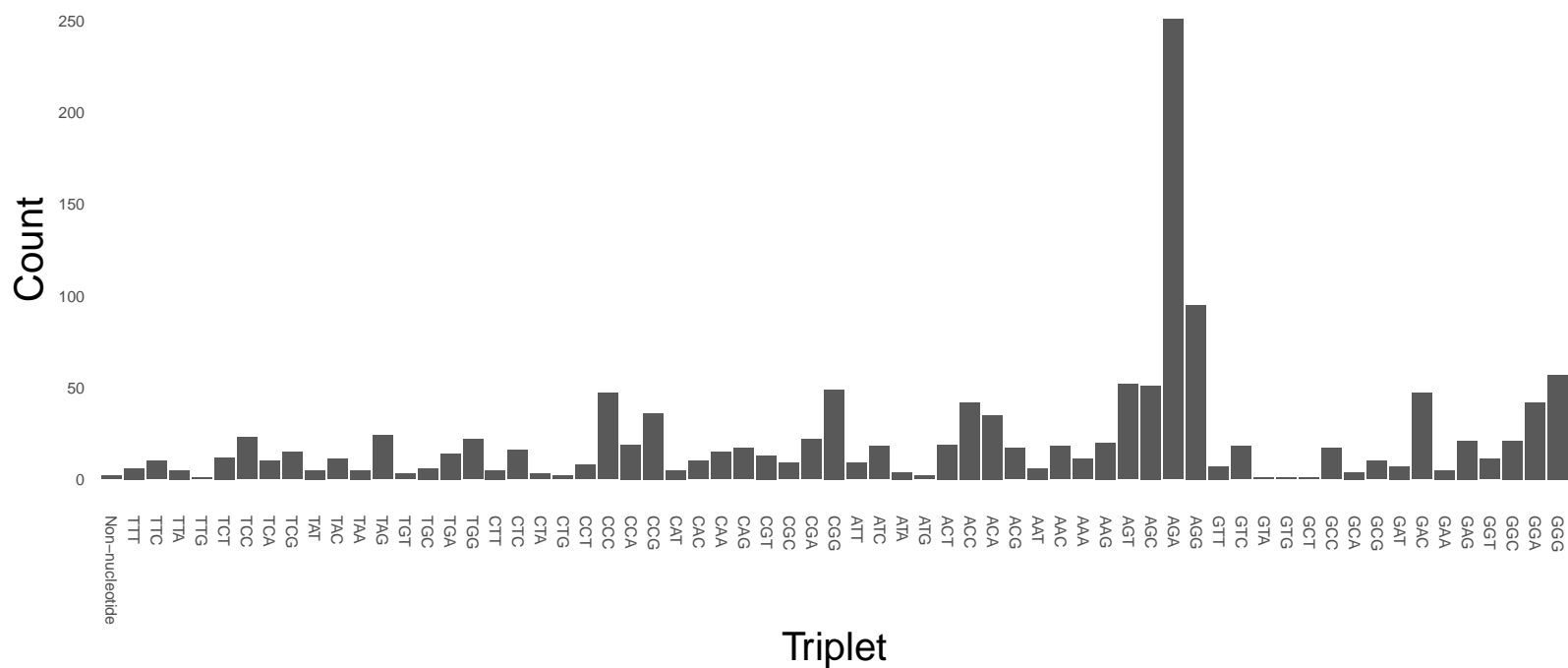
Gene TRBV5-6\*01\_T284G



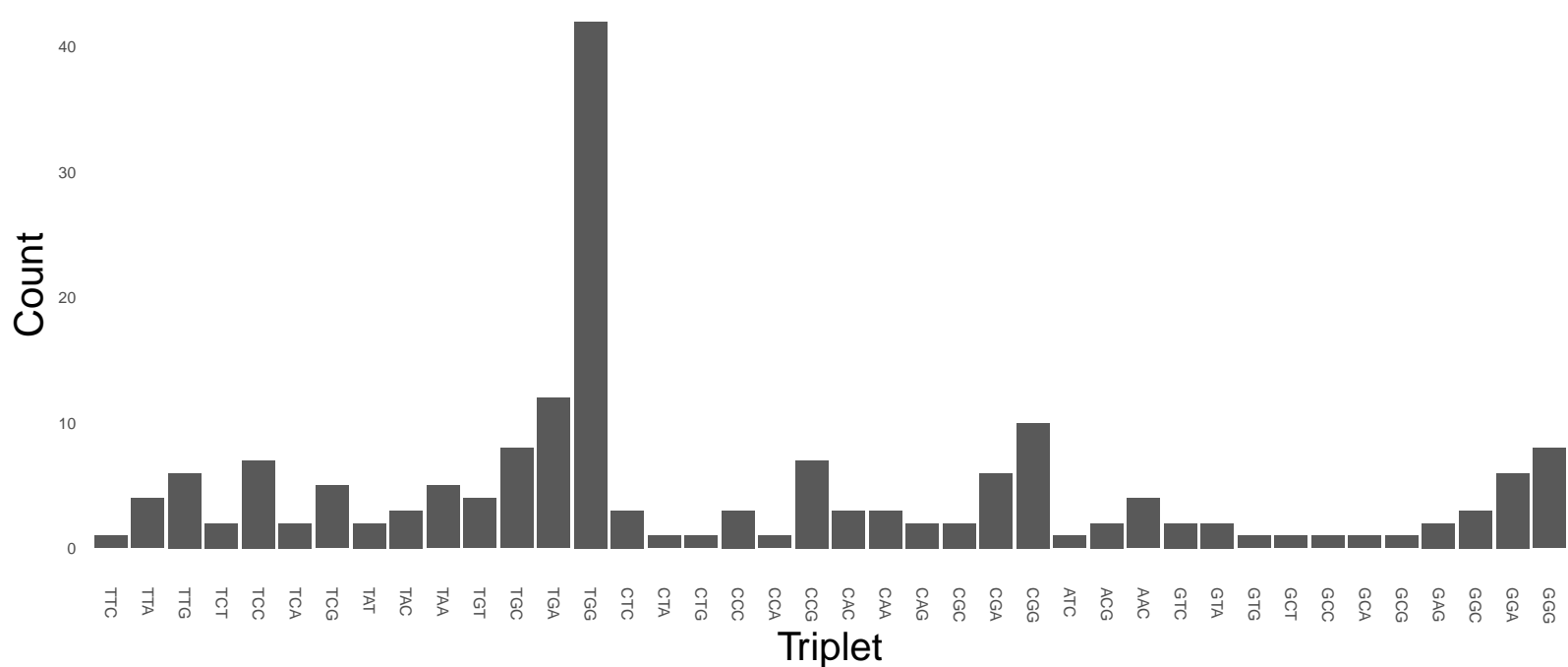
TRBV12–5\*01\_C28G– Final 3 nucleotides as a triplet



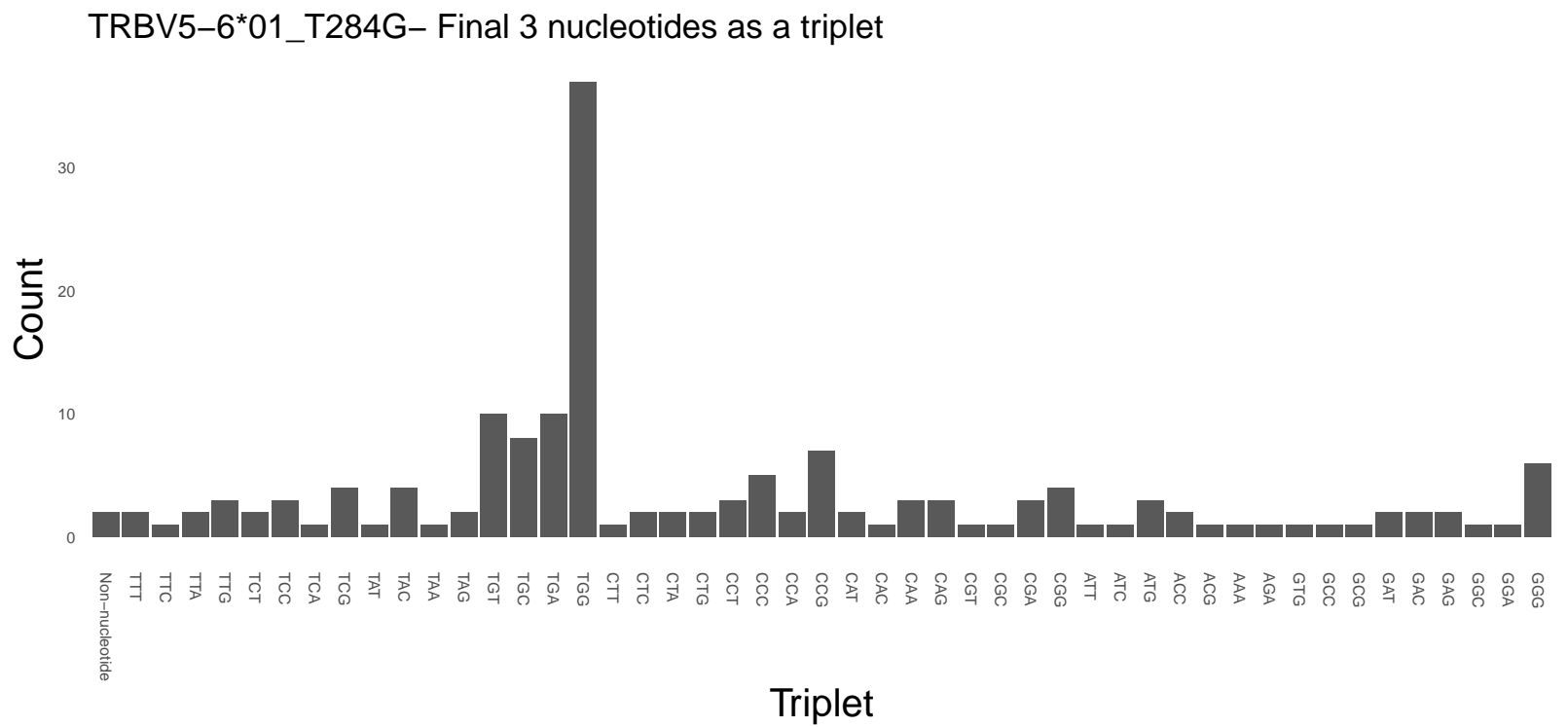
TRBV20–1\*02\_319AGAGA323– Final 3 nucleotides as a triplet



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

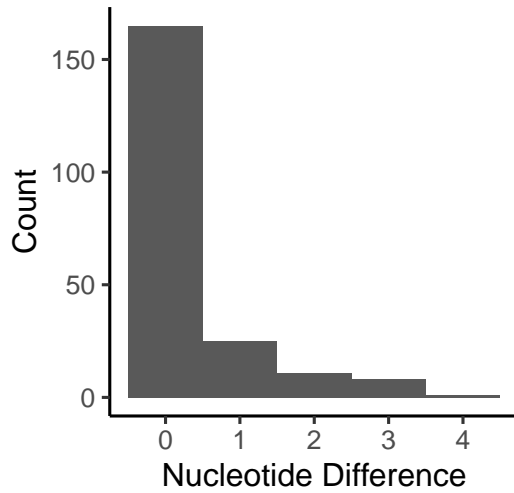


TRBV5-6\*01\_T284G- Final 3 nucleotides as a triplet



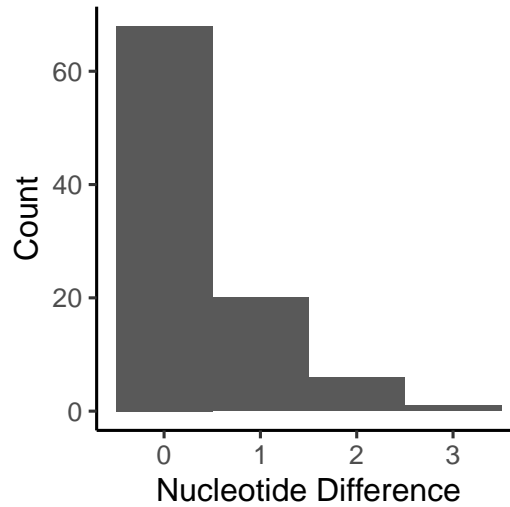
### TRBV10-1\*01

210 sequences assigned  
165 (78.6%) exact matches, in which:  
160 unique CDR3  
14 unique J



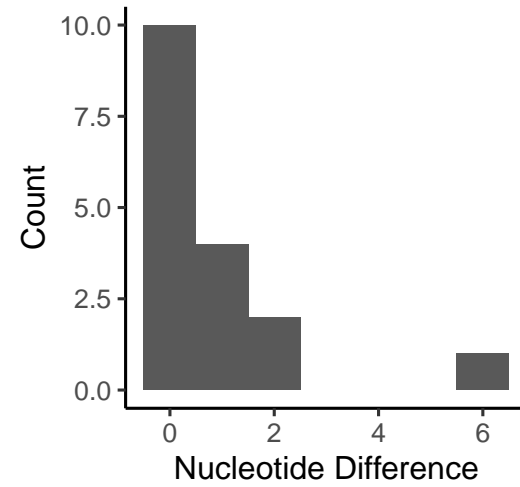
### TRBV10-2\*01

95 sequences assigned  
68 (71.6%) exact matches, in which:  
68 unique CDR3  
12 unique J



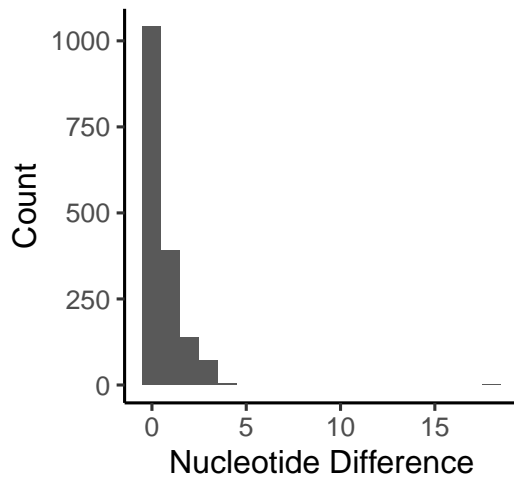
### TRBV1\*01

17 sequences assigned  
10 (58.8%) exact matches, in which:  
9 unique CDR3  
6 unique J



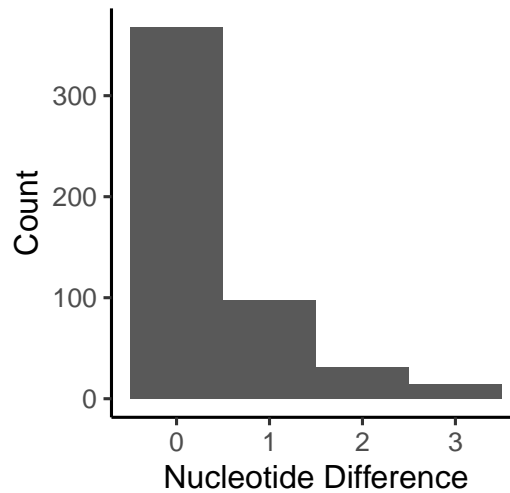
### TRBV20-1\*01

1643 sequences assigned  
1041 (63.4%) exact matches, in which:  
1002 unique CDR3  
13 unique J



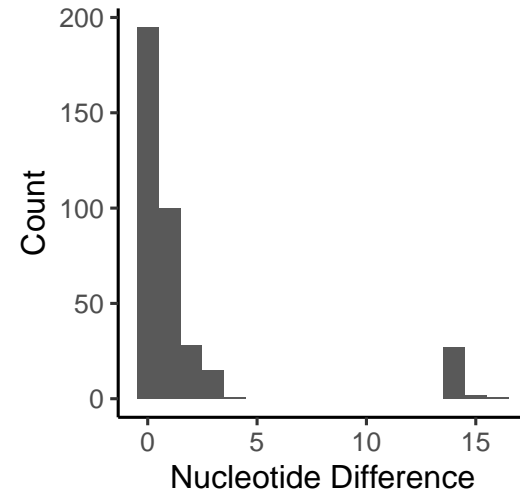
### TRBV10-3\*01

511 sequences assigned  
368 (72%) exact matches, in which:  
355 unique CDR3  
13 unique J



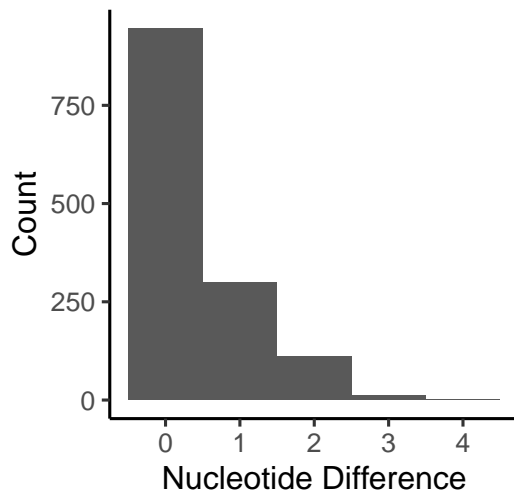
### TRBV13\*01

369 sequences assigned  
195 (52.8%) exact matches, in which:  
170 unique CDR3  
13 unique J



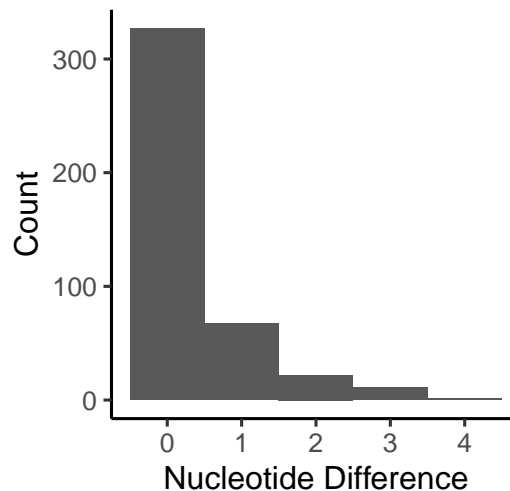
### TRBV20-1\*02\_319AGAG

1370 sequences assigned  
946 (69.1%) exact matches, in which:  
923 unique CDR3  
13 unique J



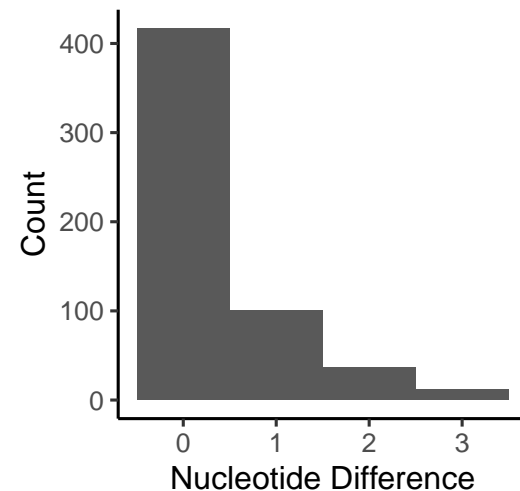
### TRBV10-3\*02

428 sequences assigned  
327 (76.4%) exact matches, in which:  
314 unique CDR3  
13 unique J



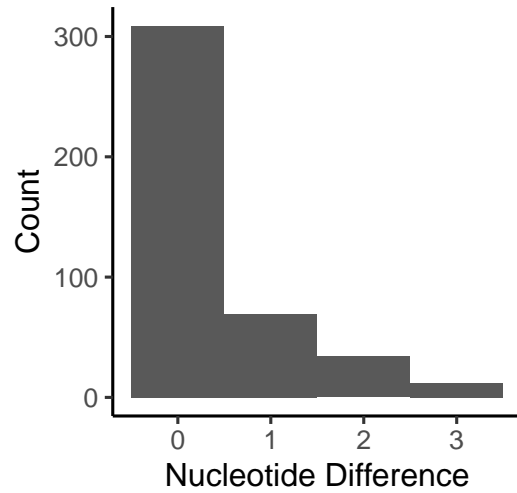
### TRBV14\*01

567 sequences assigned  
417 (73.5%) exact matches, in which:  
389 unique CDR3  
14 unique J



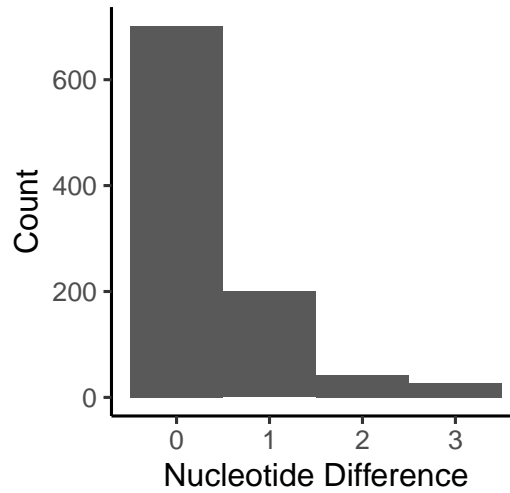
### TRBV15\*02

424 sequences assigned  
309 (72.9%) exact matches, in which:  
302 unique CDR3  
14 unique J



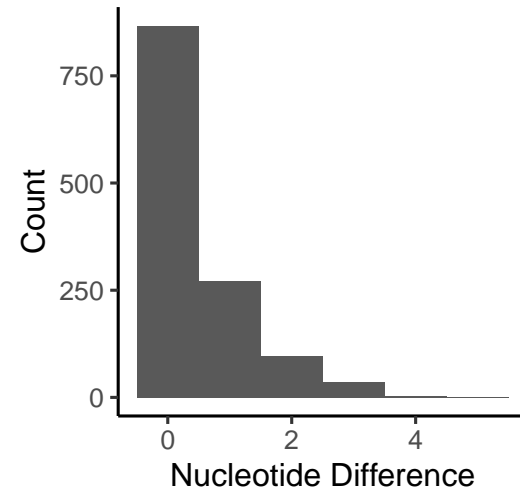
### TRBV19\*01

972 sequences assigned  
702 (72.2%) exact matches, in which:  
680 unique CDR3  
14 unique J



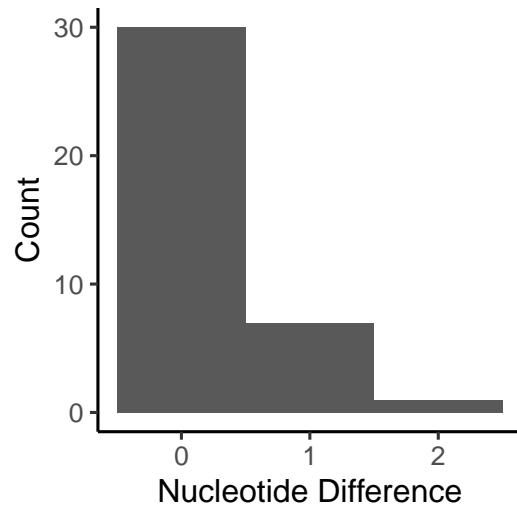
### TRBV28\*01

1276 sequences assigned  
867 (67.9%) exact matches, in which:  
795 unique CDR3  
14 unique J



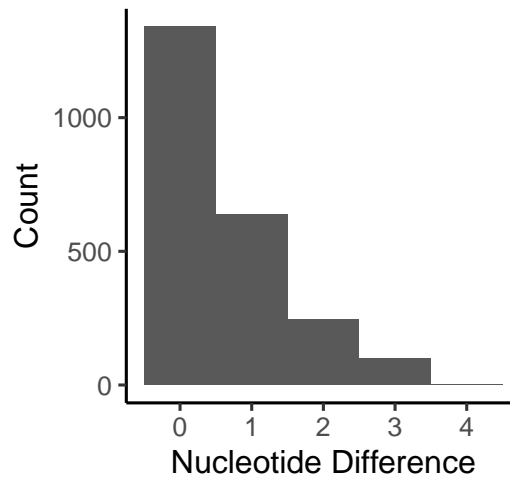
### TRBV16\*01

38 sequences assigned  
30 (78.9%) exact matches, in which:  
30 unique CDR3  
12 unique J



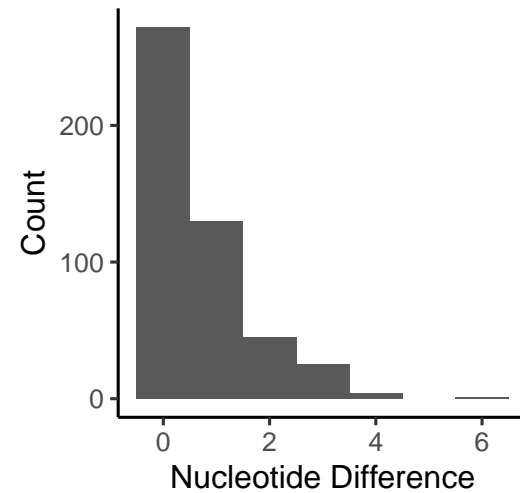
### TRBV2\*01

2321 sequences assigned  
1340 (57.7%) exact matches, in which:  
1066 unique CDR3  
14 unique J



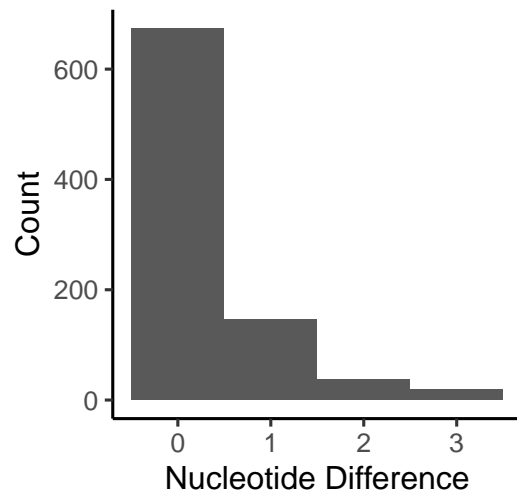
### TRBV30\*01

477 sequences assigned  
272 (57%) exact matches, in which:  
255 unique CDR3  
13 unique J



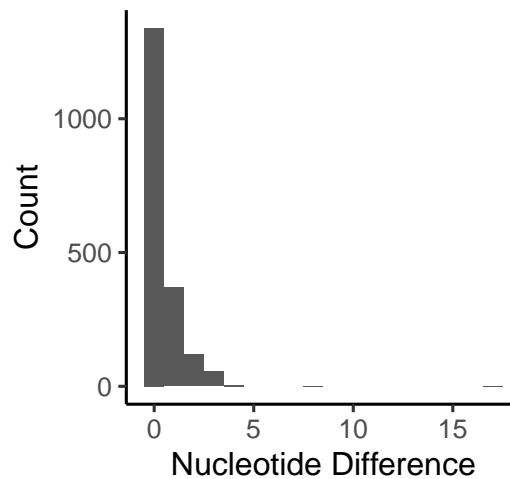
### TRBV18\*01

877 sequences assigned  
674 (76.9%) exact matches, in which:  
644 unique CDR3  
14 unique J



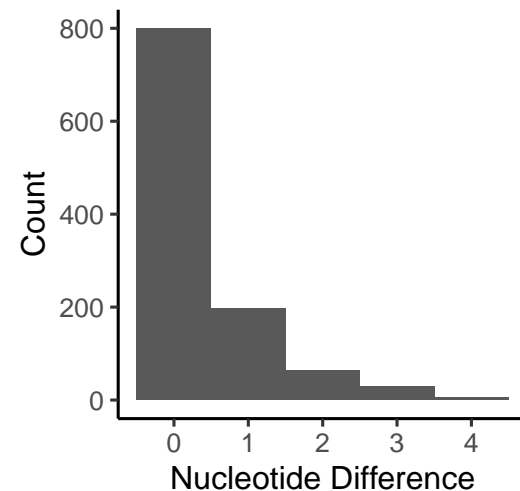
### TRBV27\*01

1889 sequences assigned  
1339 (70.9%) exact matches, in which:  
1290 unique CDR3  
14 unique J



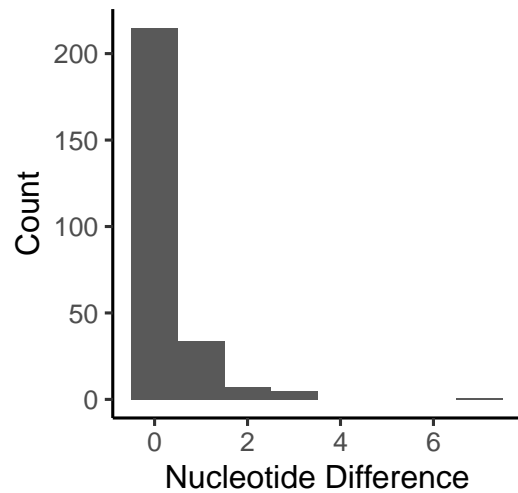
### TRBV9\*01

1097 sequences assigned  
800 (72.9%) exact matches, in which:  
782 unique CDR3  
14 unique J



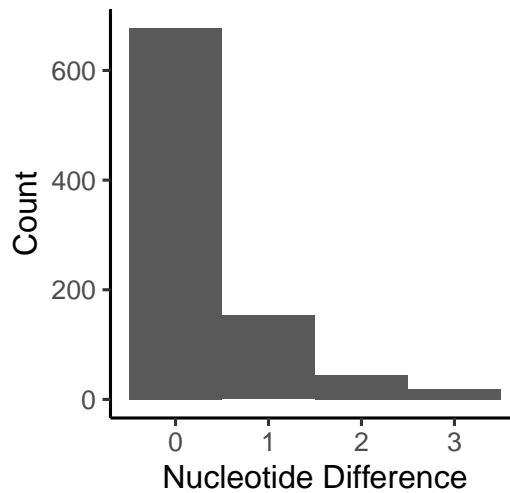
### TRBV21-1\*01

263 sequences assigned  
215 (81.7%) exact matches, in which:  
207 unique CDR3  
13 unique J



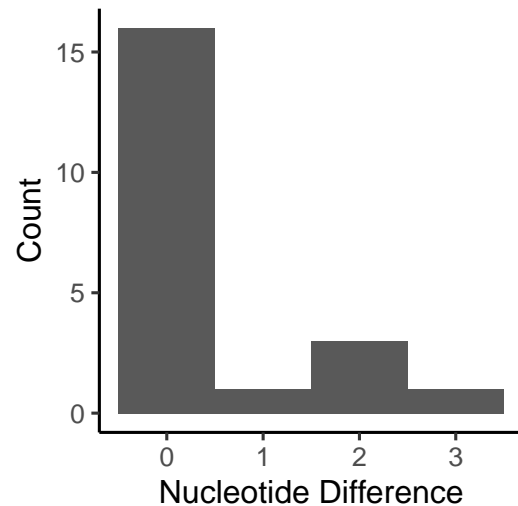
### TRBV11-2\*01

894 sequences assigned  
678 (75.8%) exact matches, in which:  
654 unique CDR3  
14 unique J



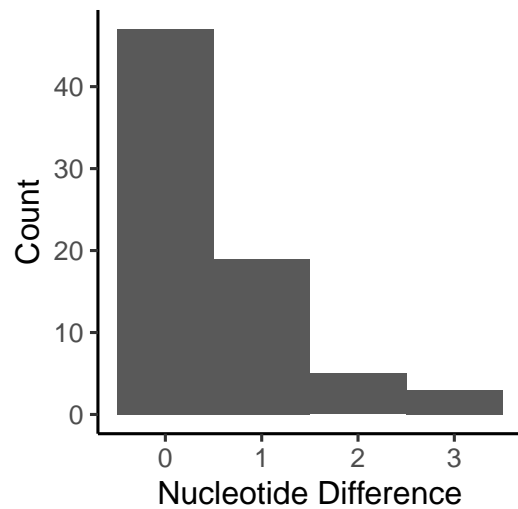
### TRBV12-2\*01

21 sequences assigned  
16 (76.2%) exact matches, in which:  
16 unique CDR3  
9 unique J



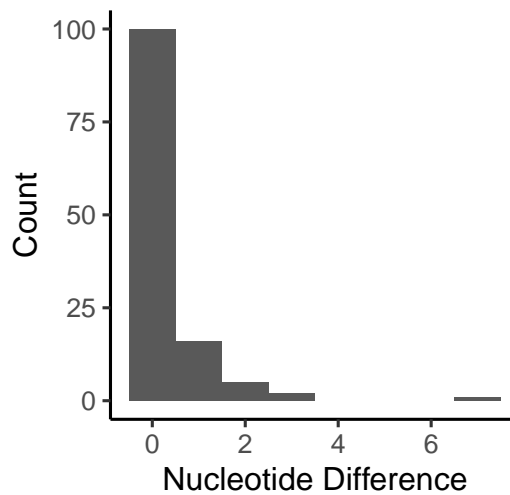
### TRBV11-1\*01

74 sequences assigned  
47 (63.5%) exact matches, in which:  
46 unique CDR3  
11 unique J



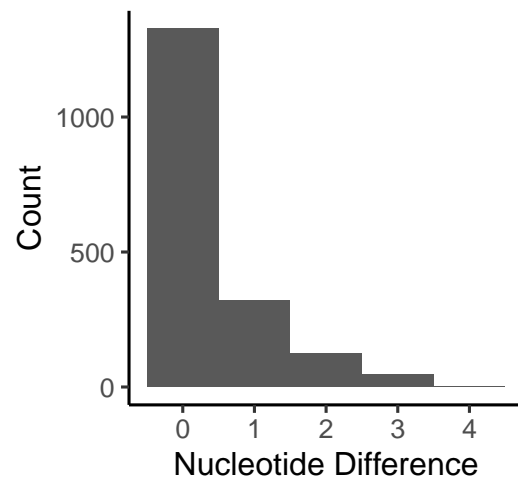
### TRBV11-3\*01

124 sequences assigned  
100 (80.6%) exact matches, in which:  
94 unique CDR3  
12 unique J



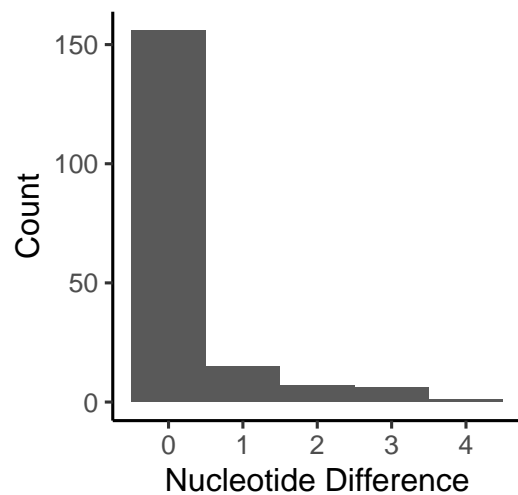
### TRBV12-3\*01

1819 sequences assigned  
1327 (73%) exact matches, in which:  
1293 unique CDR3  
14 unique J



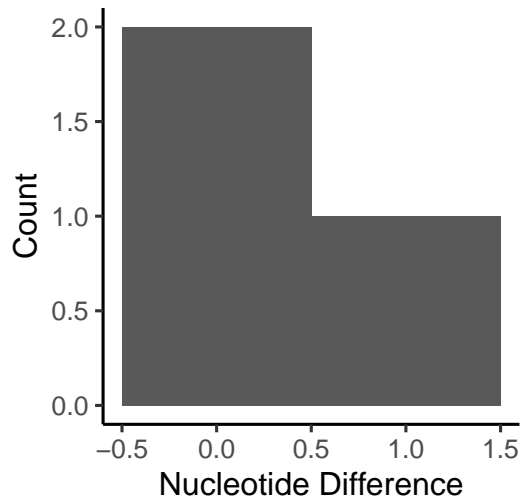
### TRBV21-1\*02

185 sequences assigned  
156 (84.3%) exact matches, in which:  
150 unique CDR3  
13 unique J



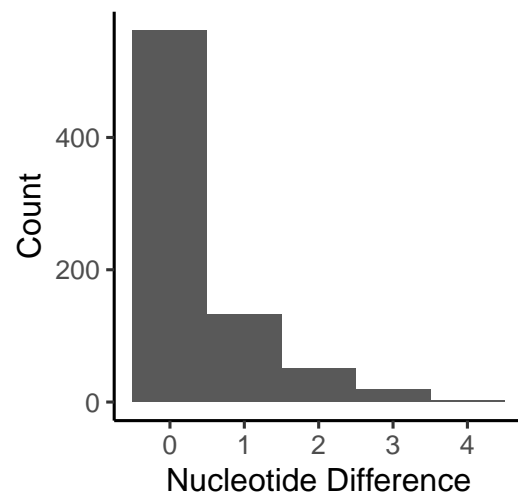
### TRBV12-1\*01

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



### TRBV12-4\*01

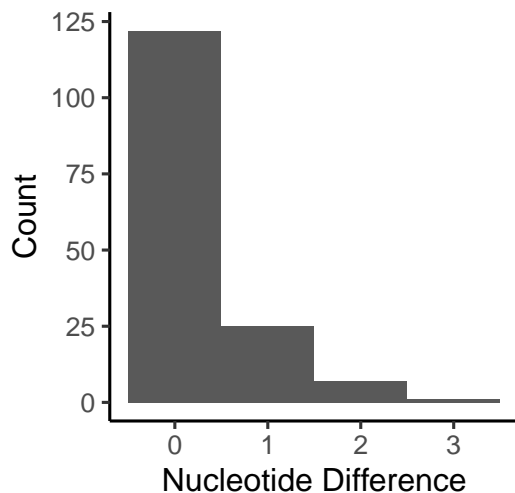
767 sequences assigned  
562 (73.3%) exact matches, in which:  
543 unique CDR3  
14 unique J





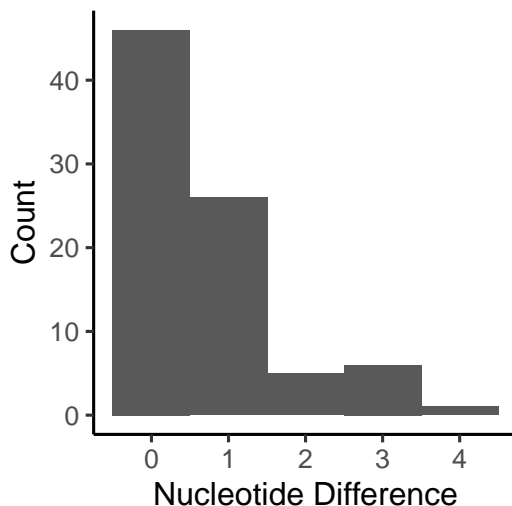
### TRBV12–5\*01

155 sequences assigned  
122 (78.7%) exact matches, in which:  
119 unique CDR3  
12 unique J



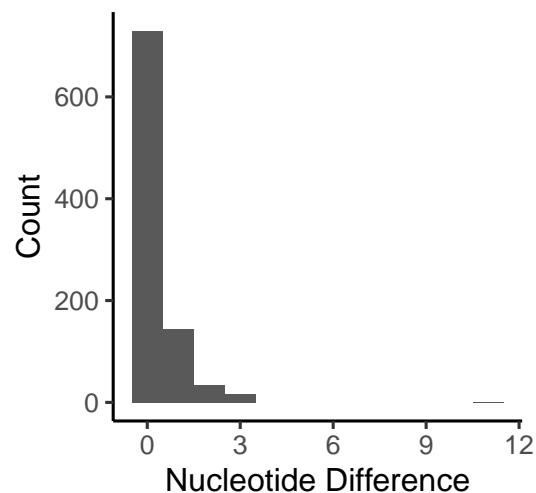
### TRBV23–1\*01

84 sequences assigned  
46 (54.8%) exact matches, in which:  
43 unique CDR3  
11 unique J



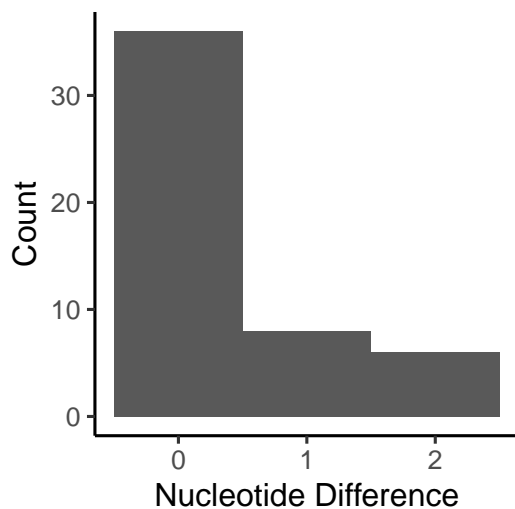
### TRBV4–1\*01

927 sequences assigned  
730 (78.7%) exact matches, in which:  
692 unique CDR3  
14 unique J



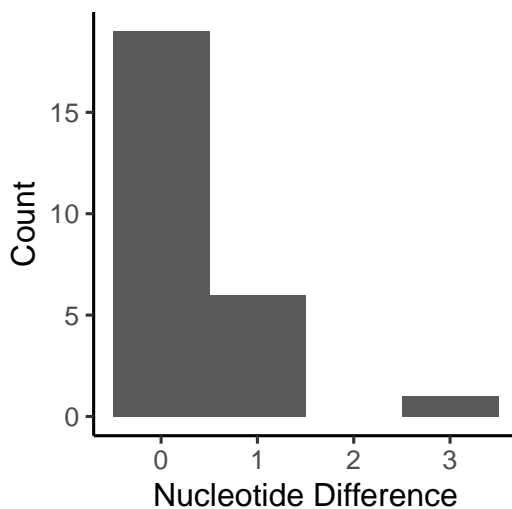
### TRBV12–5\*01\_C28G

50 sequences assigned  
36 (72%) exact matches, in which:  
36 unique CDR3  
9 unique J



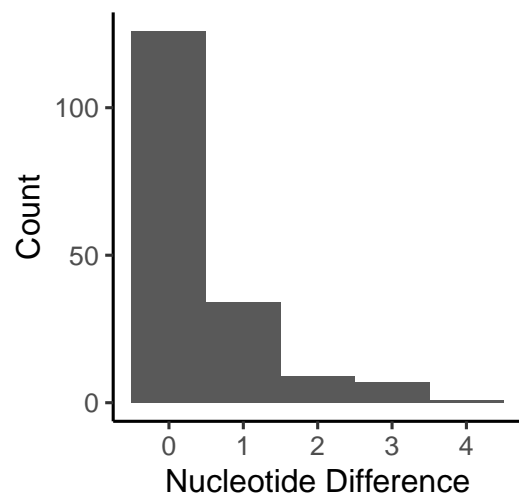
### TRBV3–2\*01

26 sequences assigned  
19 (73.1%) exact matches, in which:  
19 unique CDR3  
9 unique J



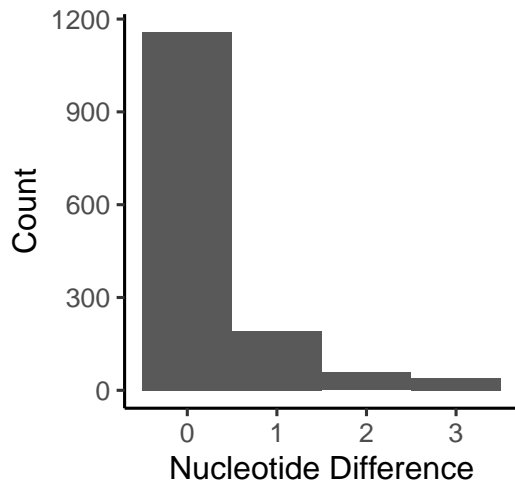
### TRBV24–1\*02

177 sequences assigned  
126 (71.2%) exact matches, in which:  
119 unique CDR3  
13 unique J



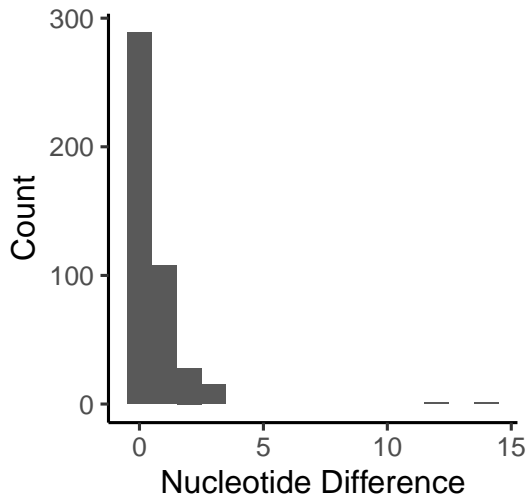
### TRBV3–1\*01

1449 sequences assigned  
1158 (79.9%) exact matches, in which:  
1122 unique CDR3  
14 unique J



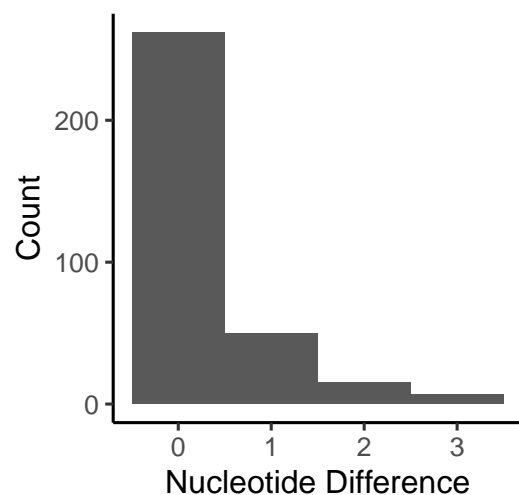
### TRBV24–1\*01

442 sequences assigned  
289 (65.4%) exact matches, in which:  
266 unique CDR3  
13 unique J



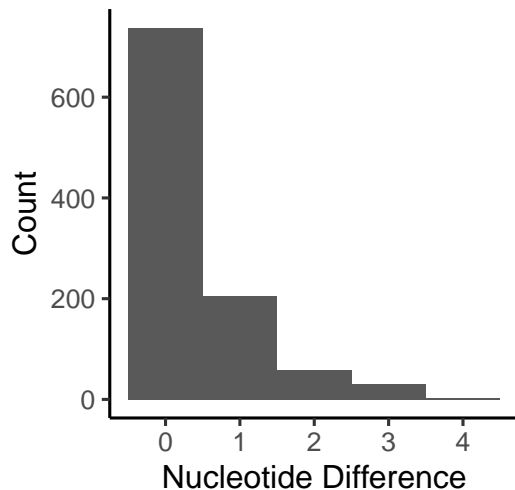
### TRBV4–2\*01

335 sequences assigned  
262 (78.2%) exact matches, in which:  
259 unique CDR3  
14 unique J



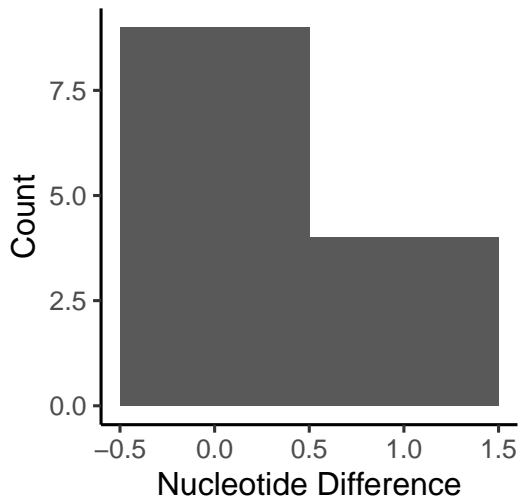
### TRBV4-3\*01

1035 sequences assigned  
738 (71.3%) exact matches, in which:  
705 unique CDR3  
13 unique J



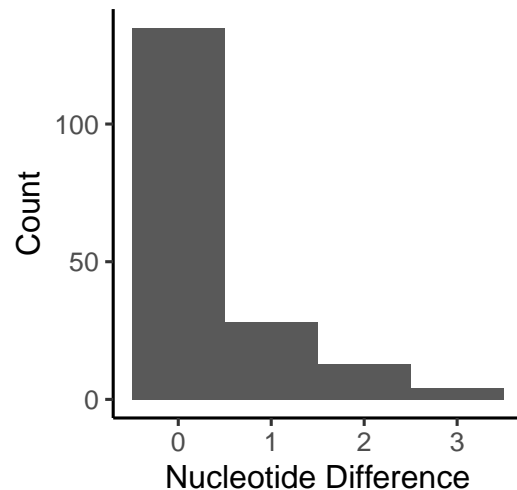
### TRBV5-3\*01

14 sequences assigned  
9 (64.3%) exact matches, in which:  
9 unique CDR3  
5 unique J



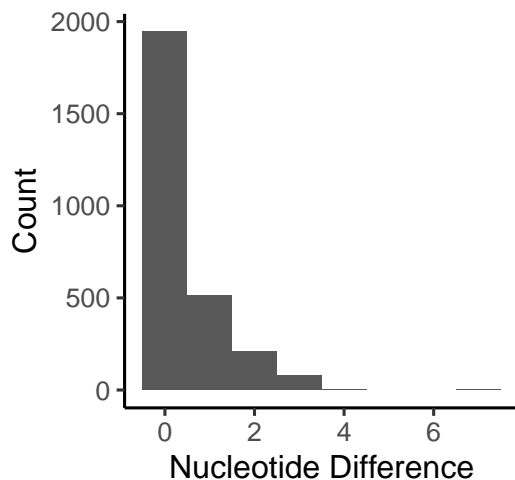
### TRBV5-5\*02\_322TTGG3

180 sequences assigned  
135 (75%) exact matches, in which:  
134 unique CDR3  
12 unique J



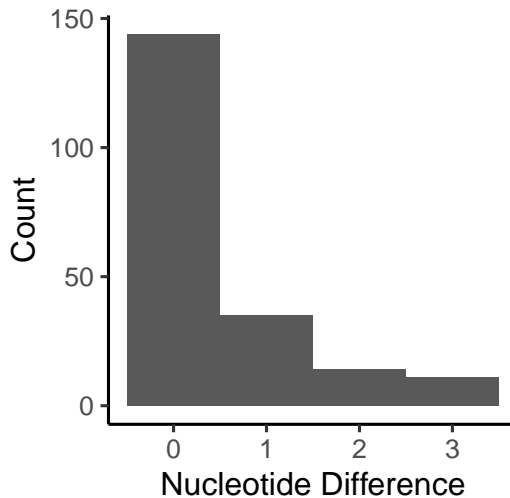
### TRBV5-1\*01

2754 sequences assigned  
1945 (70.6%) exact matches, in which:  
1872 unique CDR3  
14 unique J



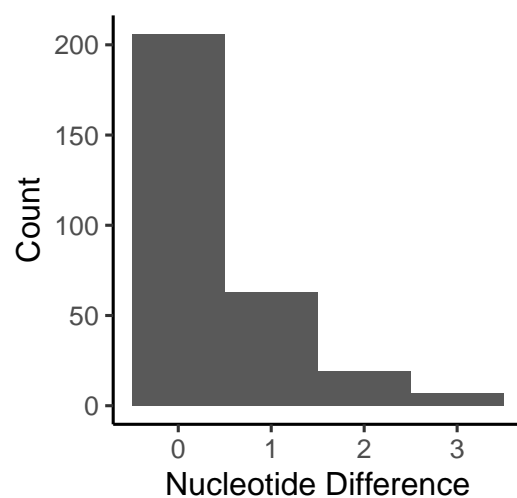
### TRBV5-4\*01

205 sequences assigned  
144 (70.2%) exact matches, in which:  
141 unique CDR3  
14 unique J



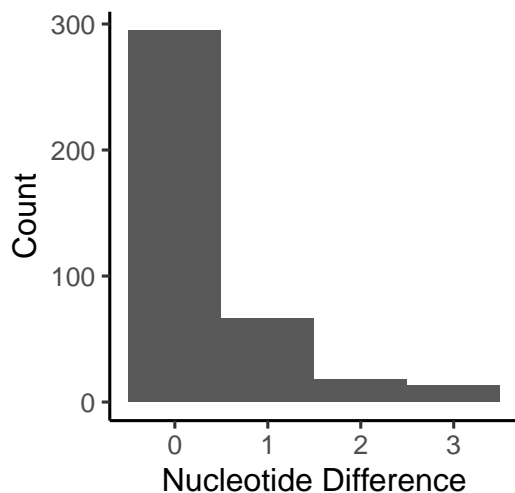
### TRBV5-6\*01

295 sequences assigned  
206 (69.8%) exact matches, in which:  
197 unique CDR3  
13 unique J



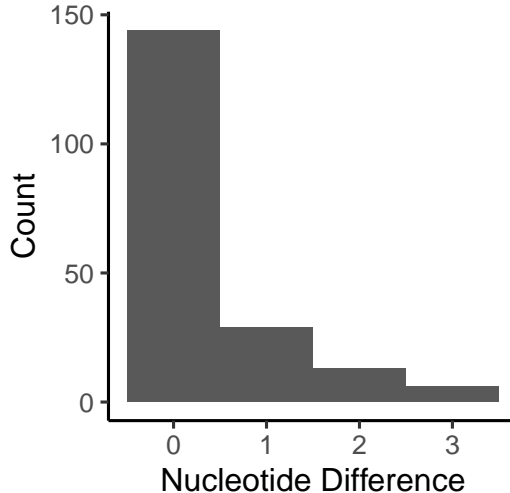
### TRBV25-1\*01

392 sequences assigned  
295 (75.3%) exact matches, in which:  
293 unique CDR3  
14 unique J



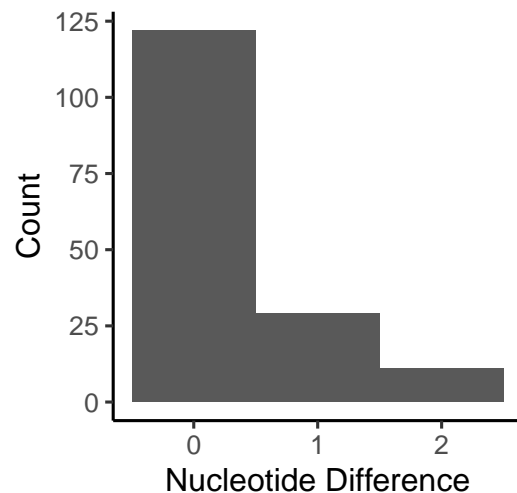
### TRBV5-5\*01

192 sequences assigned  
144 (75%) exact matches, in which:  
143 unique CDR3  
13 unique J



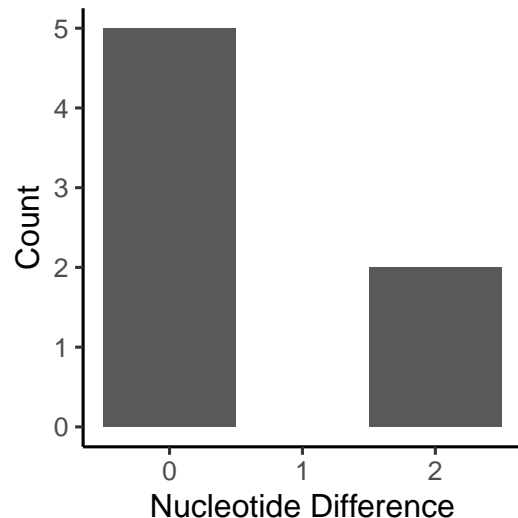
### TRBV5-6\*01\_T284G

162 sequences assigned  
122 (75.3%) exact matches, in which:  
118 unique CDR3  
13 unique J



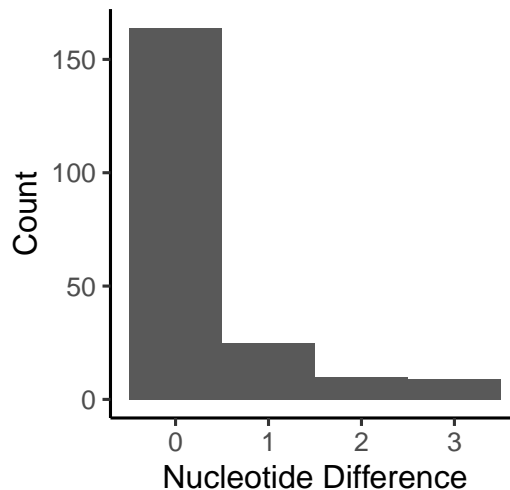
### TRBV5-7\*01

7 sequences assigned  
5 (71.4%) exact matches, in which:  
5 unique CDR3  
4 unique J



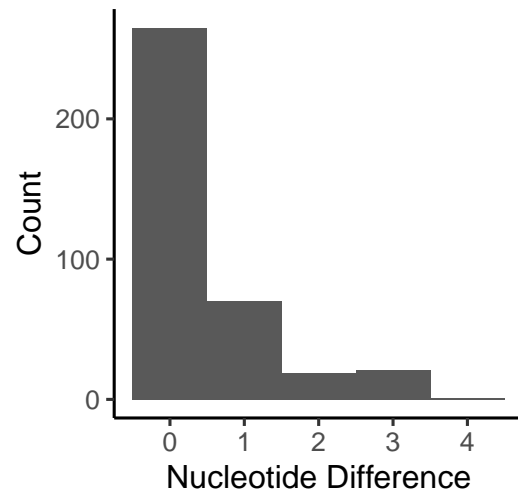
### TRBV6-4\*01

208 sequences assigned  
164 (78.8%) exact matches, in which:  
154 unique CDR3  
14 unique J



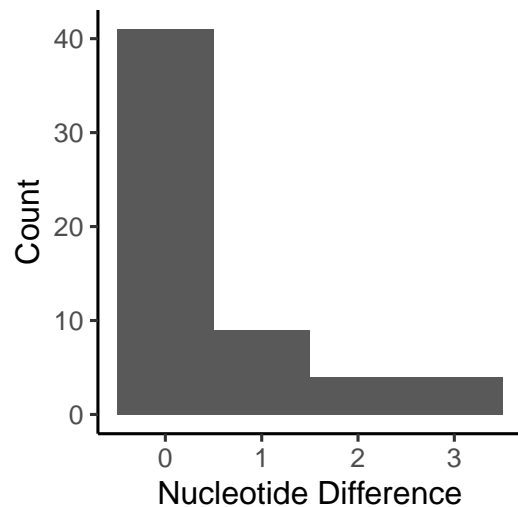
### TRBV6-6\*02

376 sequences assigned  
265 (70.5%) exact matches, in which:  
260 unique CDR3  
13 unique J



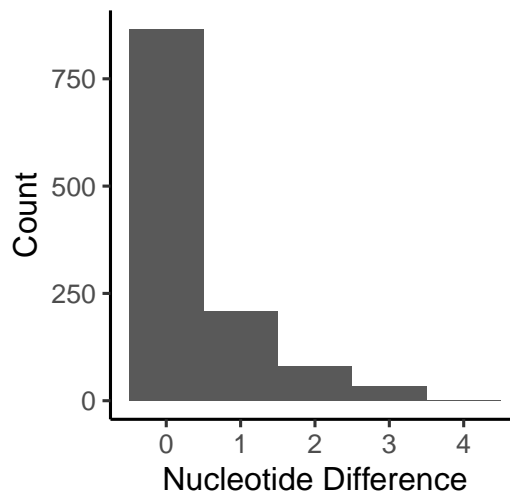
### TRBV5-8\*01

58 sequences assigned  
41 (70.7%) exact matches, in which:  
37 unique CDR3  
13 unique J



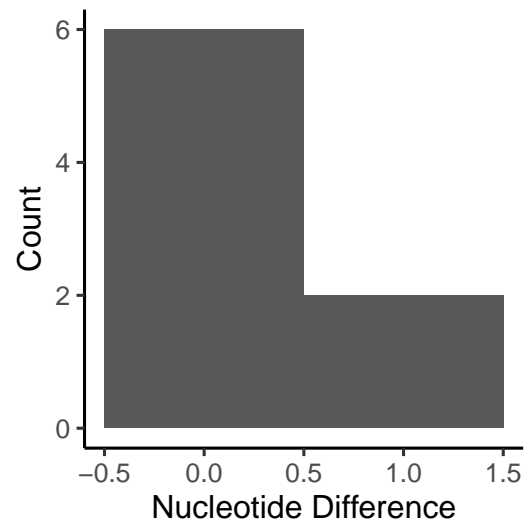
### TRBV6-5\*01

1192 sequences assigned  
866 (72.7%) exact matches, in which:  
836 unique CDR3  
14 unique J



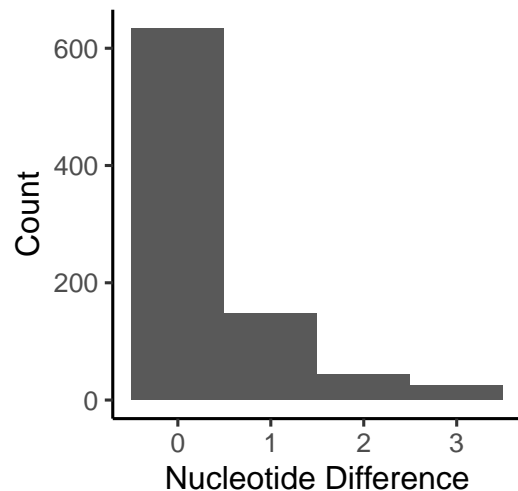
### TRBV6-7\*01

8 sequences assigned  
6 (75%) exact matches, in which:  
6 unique CDR3  
6 unique J



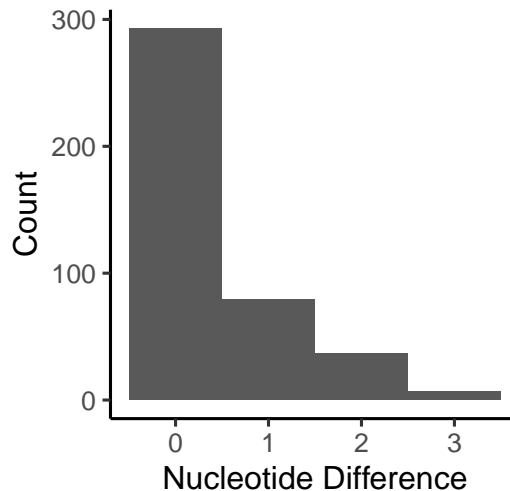
### TRBV6-1\*01

851 sequences assigned  
634 (74.5%) exact matches, in which:  
622 unique CDR3  
14 unique J



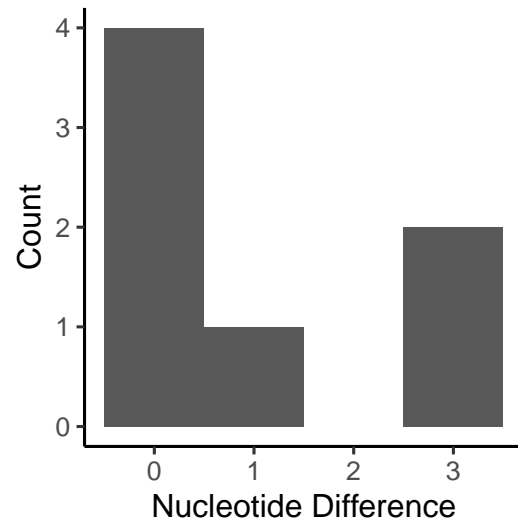
### TRBV6-6\*01

416 sequences assigned  
293 (70.4%) exact matches, in which:  
282 unique CDR3  
13 unique J



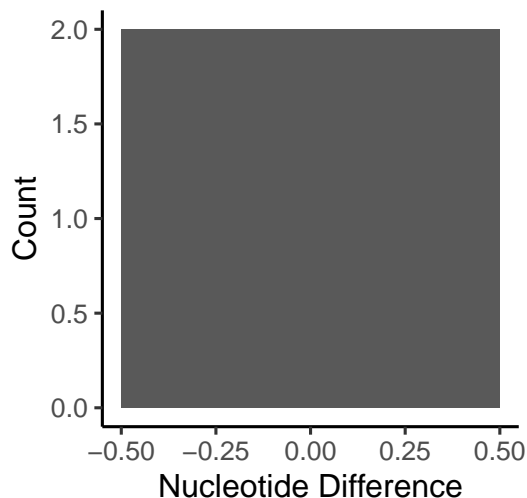
### TRBV6-8\*01

7 sequences assigned  
4 (57.1%) exact matches, in which:  
4 unique CDR3  
4 unique J



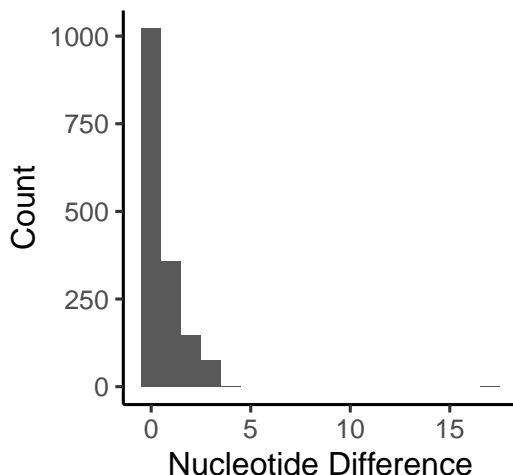
### TRBV6-9\*01

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



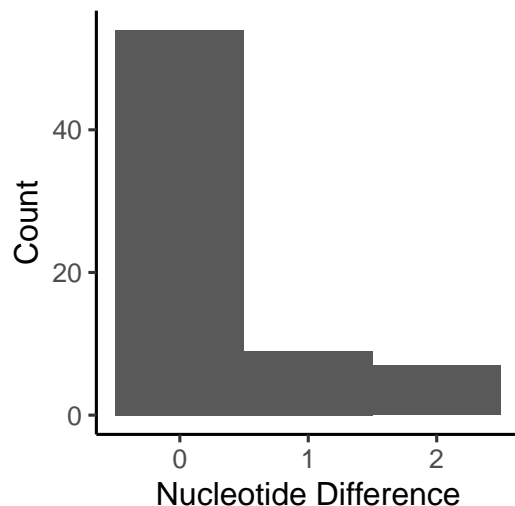
### TRBV7-2\*01

1604 sequences assigned  
1022 (63.7%) exact matches, in which:  
927 unique CDR3  
13 unique J



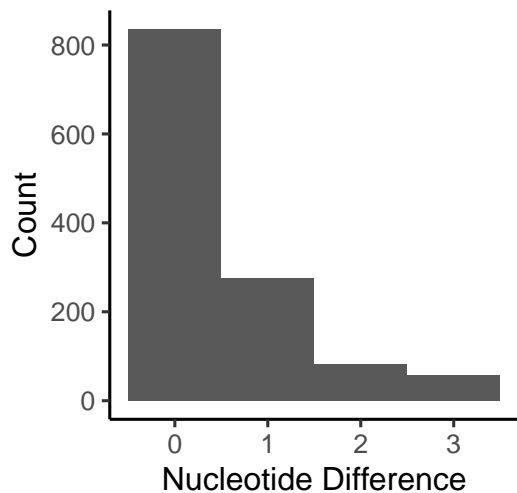
### TRBV7-3\*02

70 sequences assigned  
54 (77.1%) exact matches, in which:  
50 unique CDR3  
13 unique J



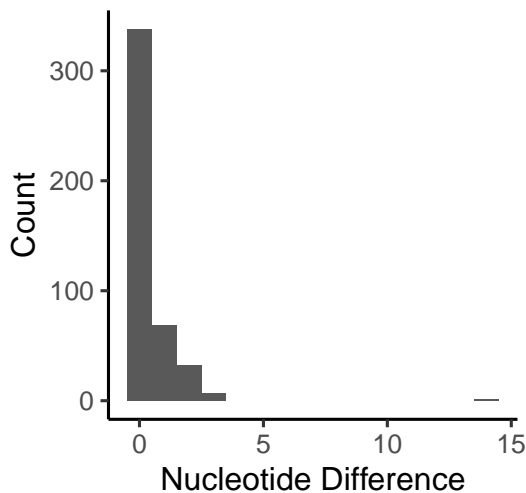
### TRBV6-23\*01

1251 sequences assigned  
836 (66.8%) exact matches, in which:  
788 unique CDR3  
14 unique J



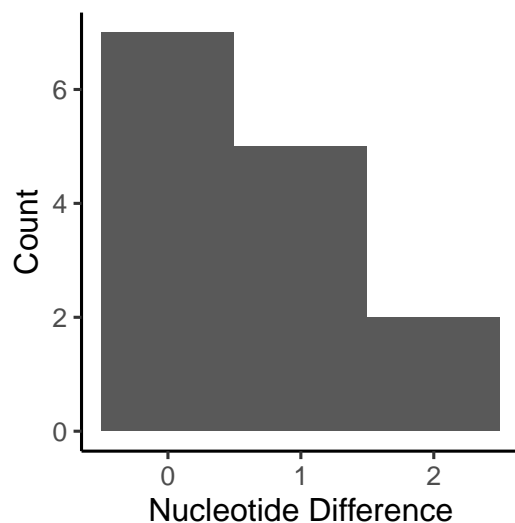
### TRBV7-2\*02

448 sequences assigned  
338 (75.4%) exact matches, in which:  
329 unique CDR3  
13 unique J



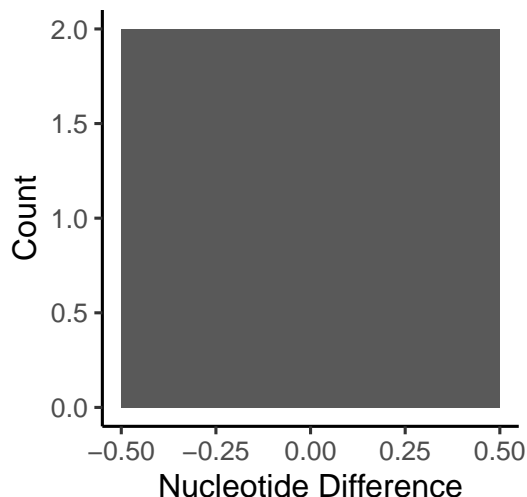
### TRBV7-4\*01

14 sequences assigned  
7 (50%) exact matches, in which:  
7 unique CDR3  
6 unique J



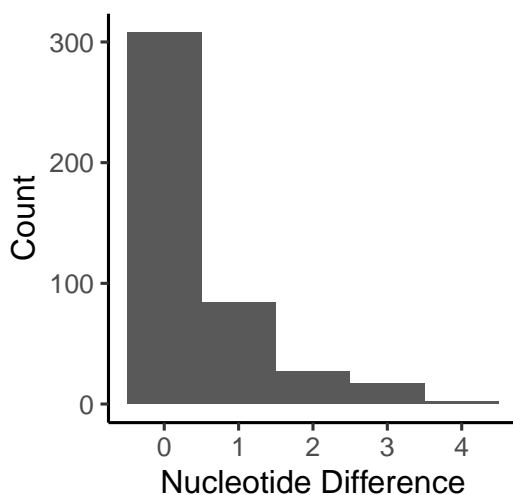
### TRBV7-1\*01

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



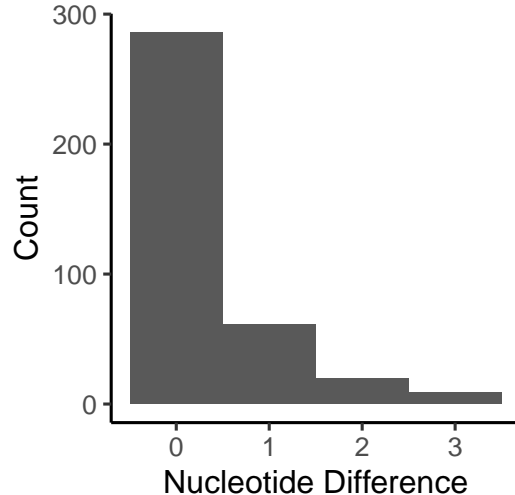
### TRBV7-3\*01

439 sequences assigned  
308 (70.2%) exact matches, in which:  
293 unique CDR3  
14 unique J



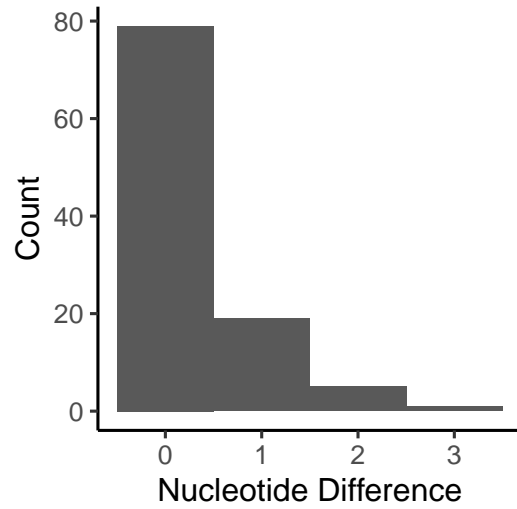
### TRBV7-6\*01

377 sequences assigned  
286 (75.9%) exact matches, in which:  
265 unique CDR3  
14 unique J



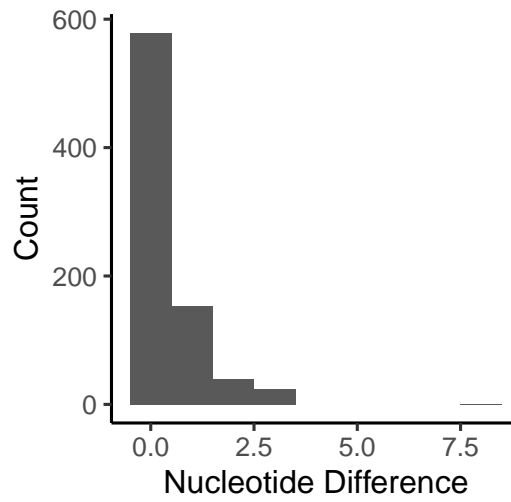
## TRBV7-7\*01

104 sequences assigned  
79 (76%) exact matches, in which:  
74 unique CDR3  
12 unique J



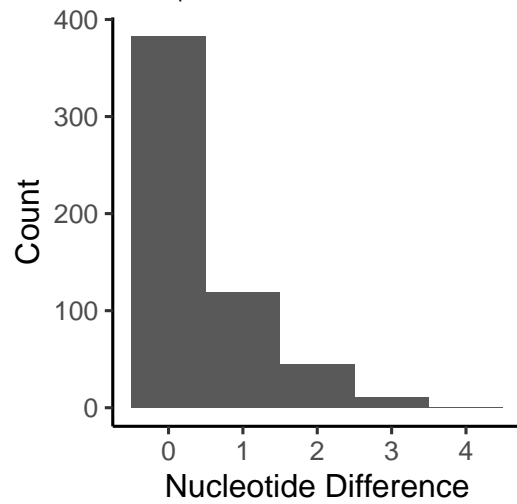
## TRBV7-9\*03

797 sequences assigned  
579 (72.6%) exact matches, in which:  
554 unique CDR3  
13 unique J



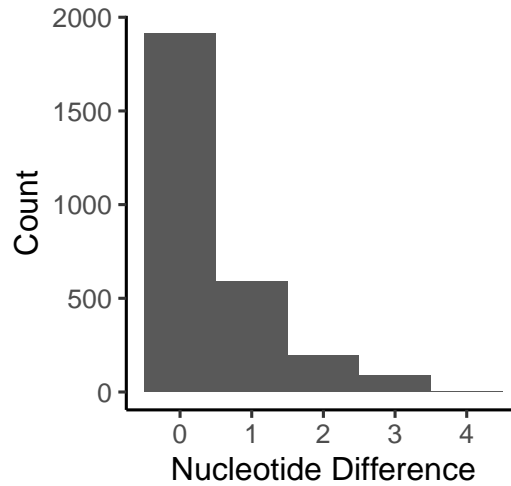
## TRBV7-8\*01

560 sequences assigned  
383 (68.4%) exact matches, in which:  
364 unique CDR3  
14 unique J



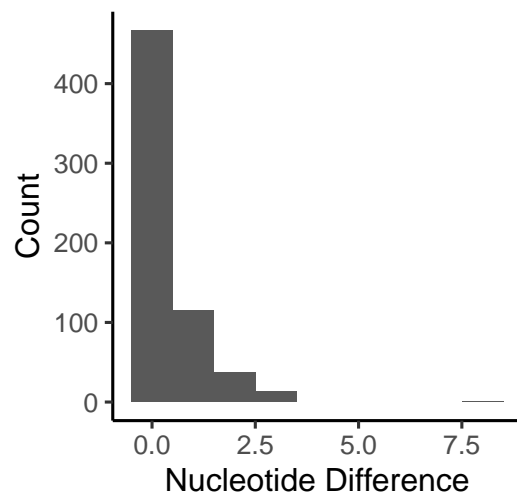
## TRBV29-1\*01

2789 sequences assigned  
1912 (68.6%) exact matches, in which:  
1821 unique CDR3  
14 unique J

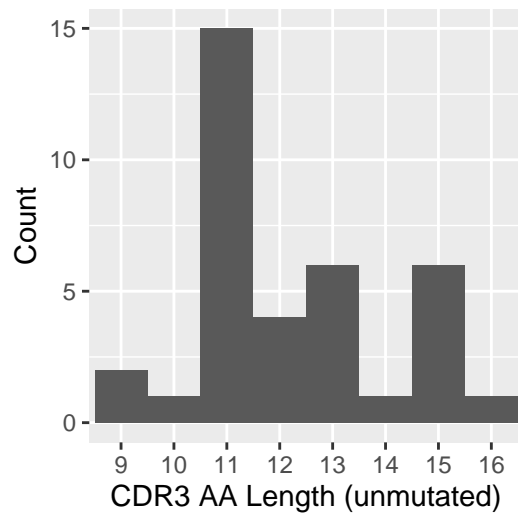


## TRBV7-9\*01

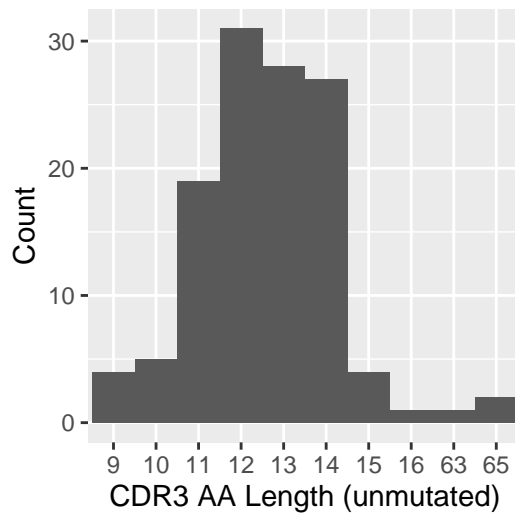
633 sequences assigned  
467 (73.8%) exact matches, in which:  
455 unique CDR3  
13 unique J



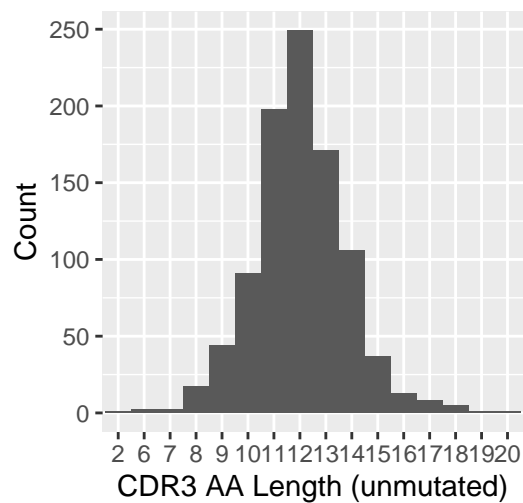
TRBV12-5\*01\_C28G



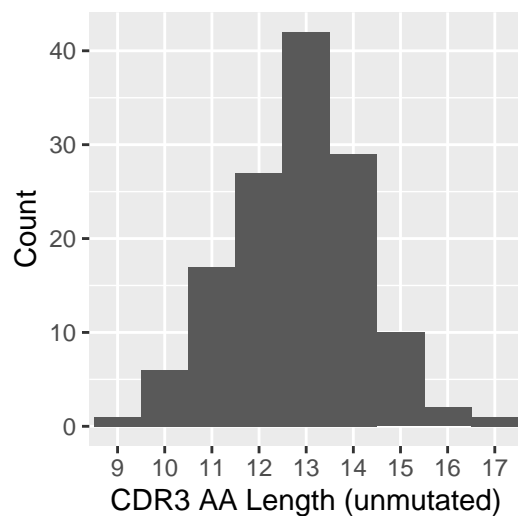
TRBV5-6\*01\_T284G

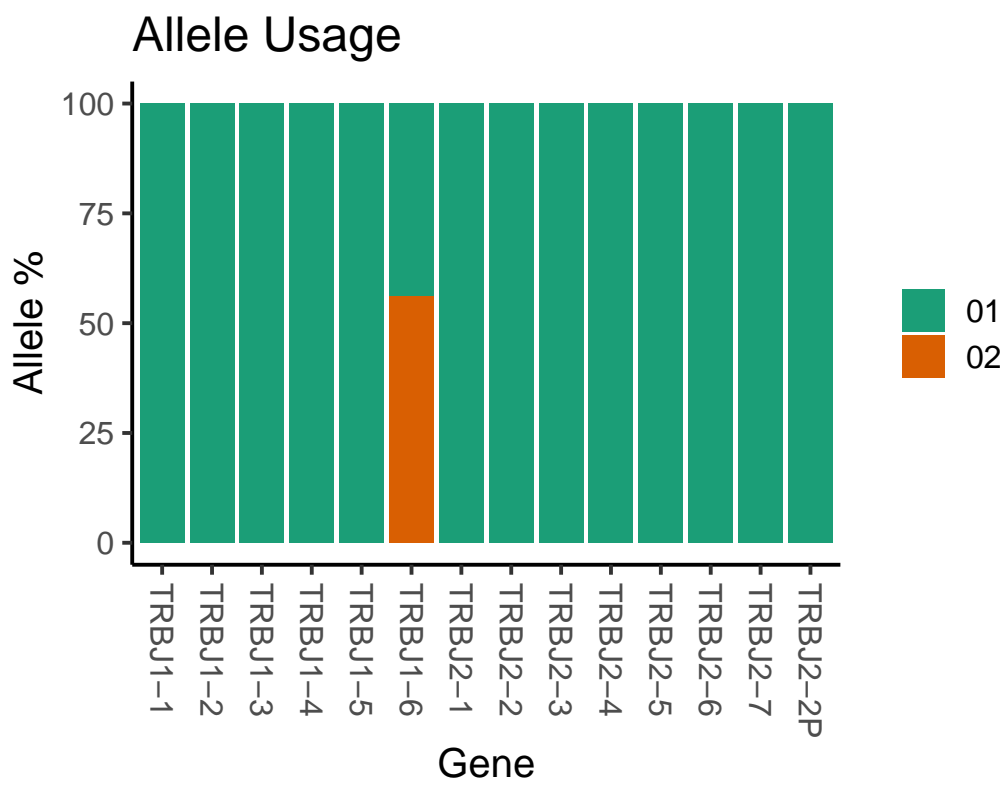


TRBV20-1\*02\_319AGAGA323



TRBV5-5\*02\_322TTGG325





### Sequence Count by TRBJ1–6 allele usage

