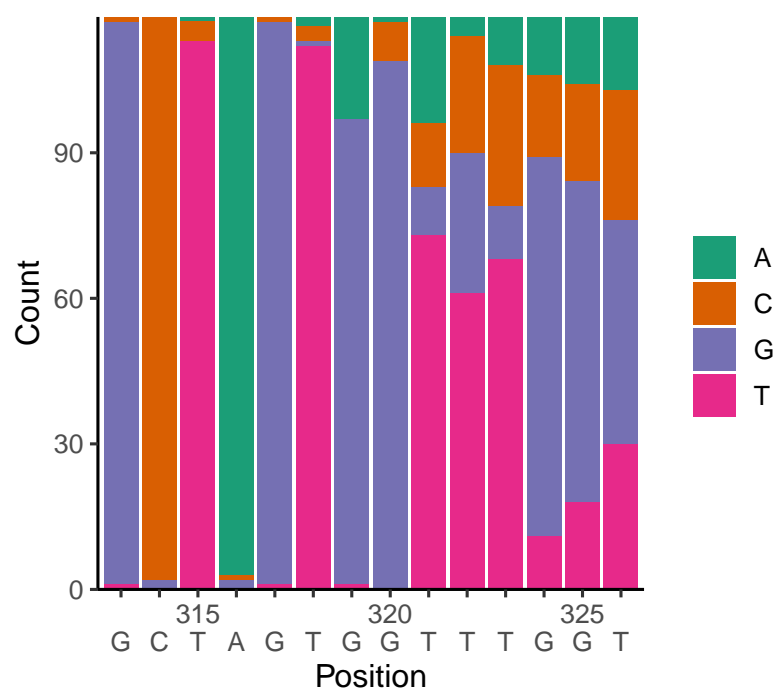
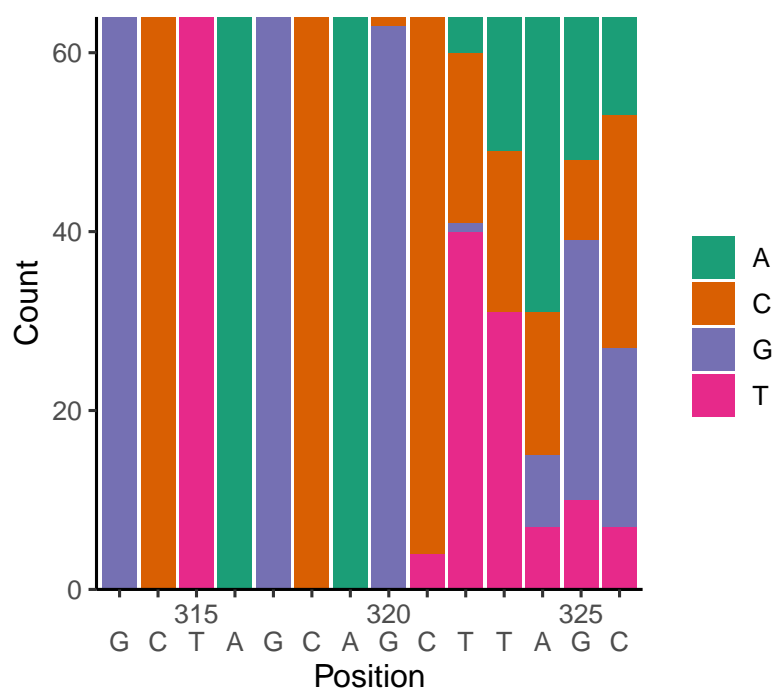


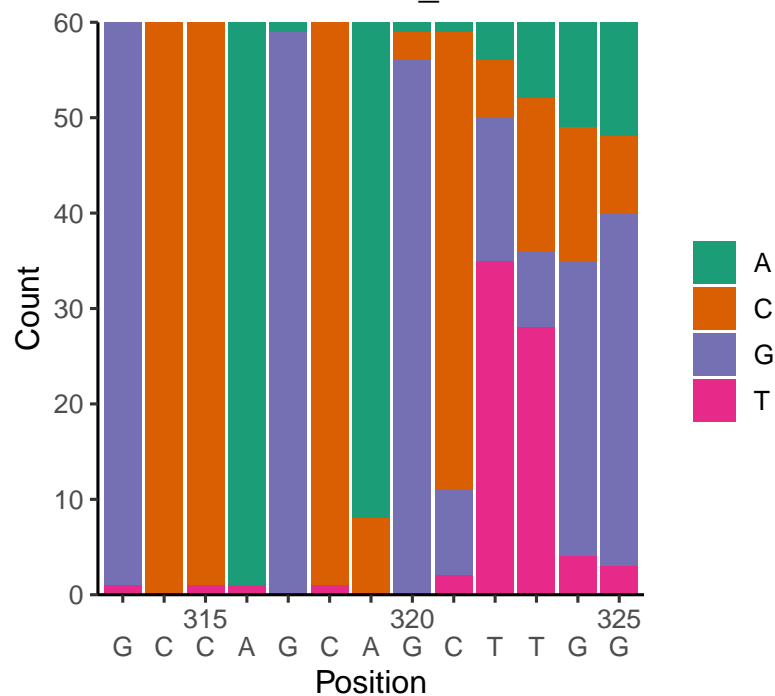
Gene TRBV12-5\*01\_C28G



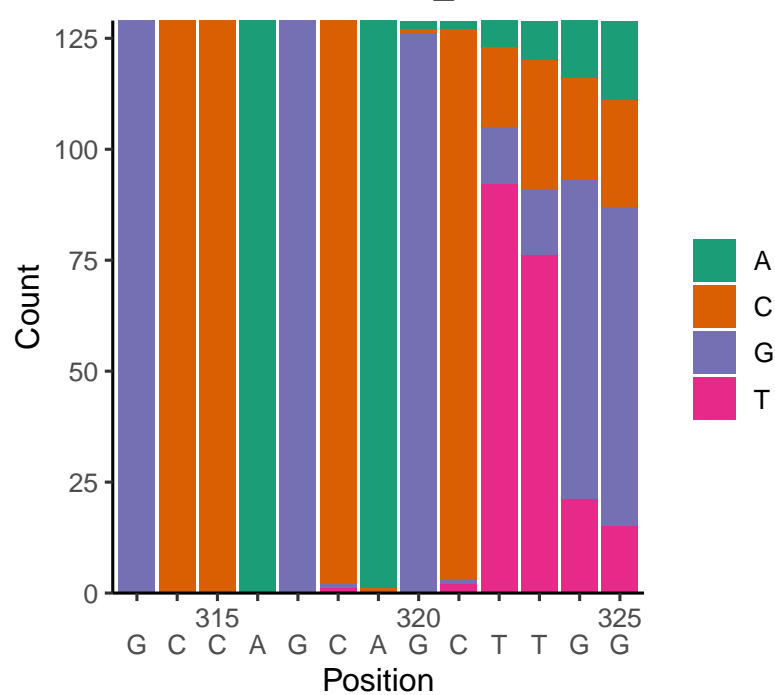
Gene TRBV7-7\*01\_C315T



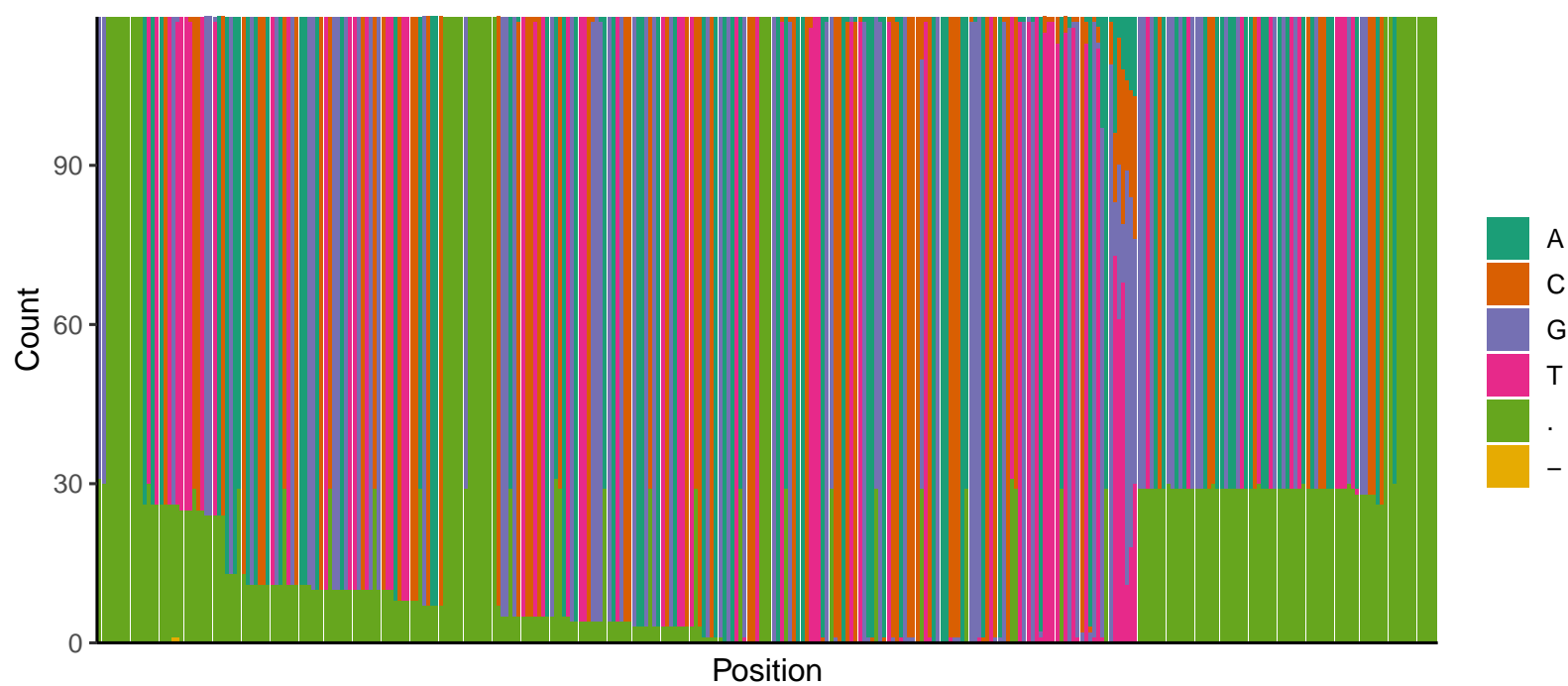
Gene TRBV5-5\*02\_322TTGG325



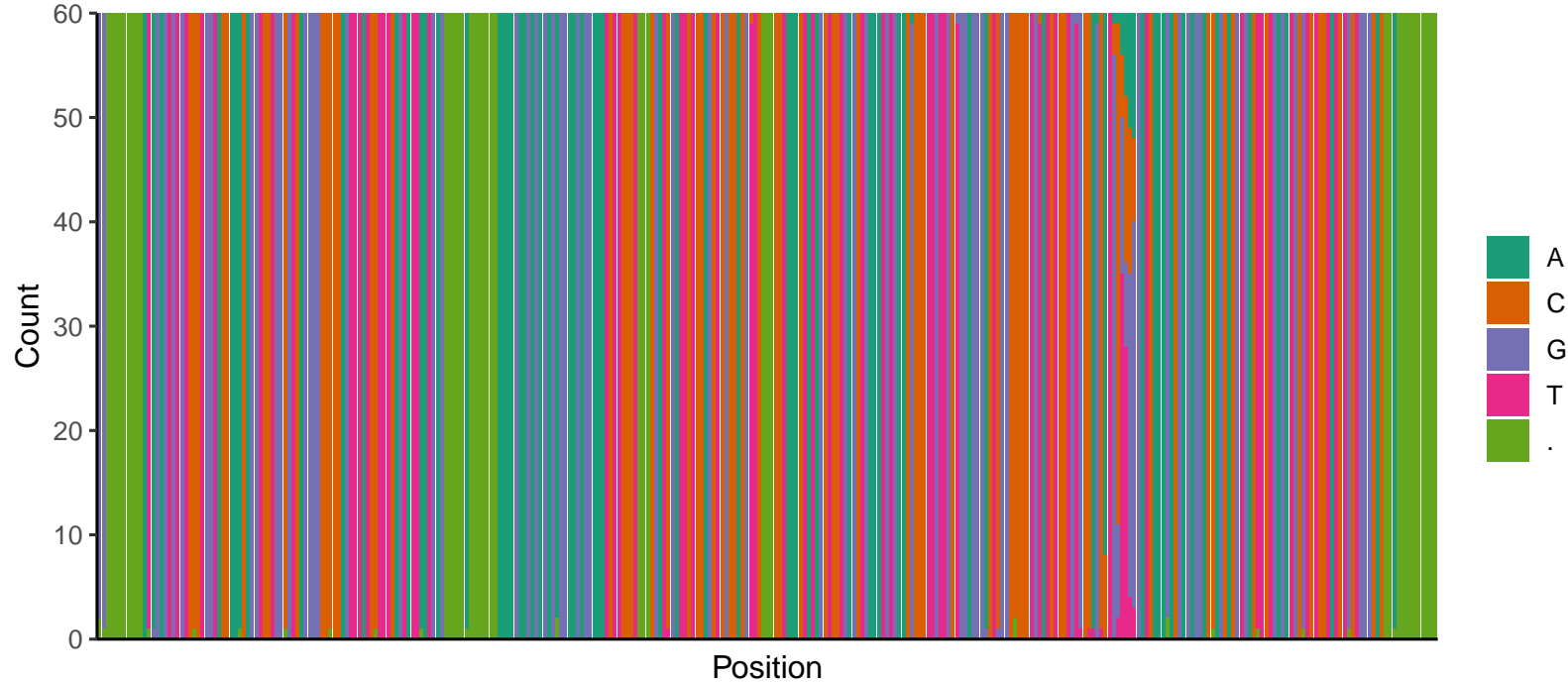
Gene TRBV5-6\*01\_T284G



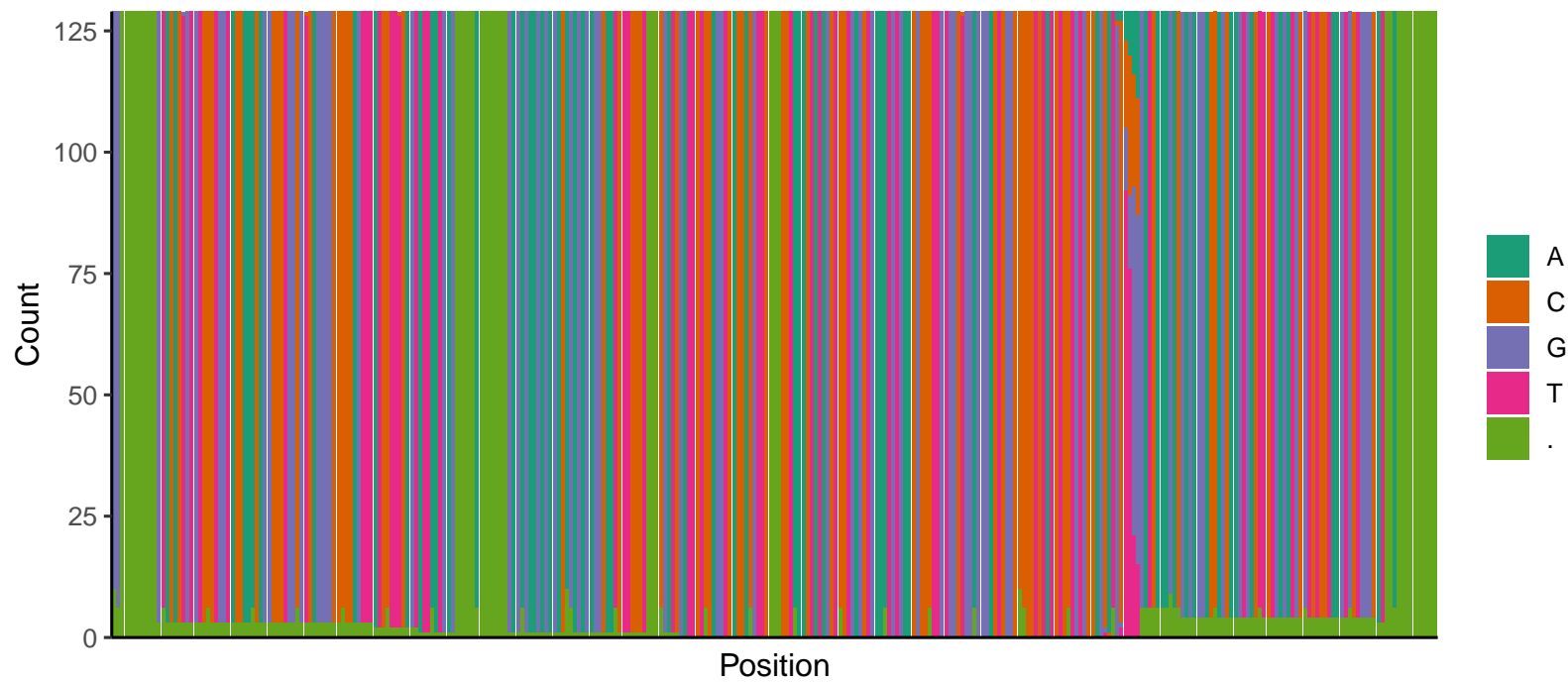
Gene TRBV12-5\*01\_C28G



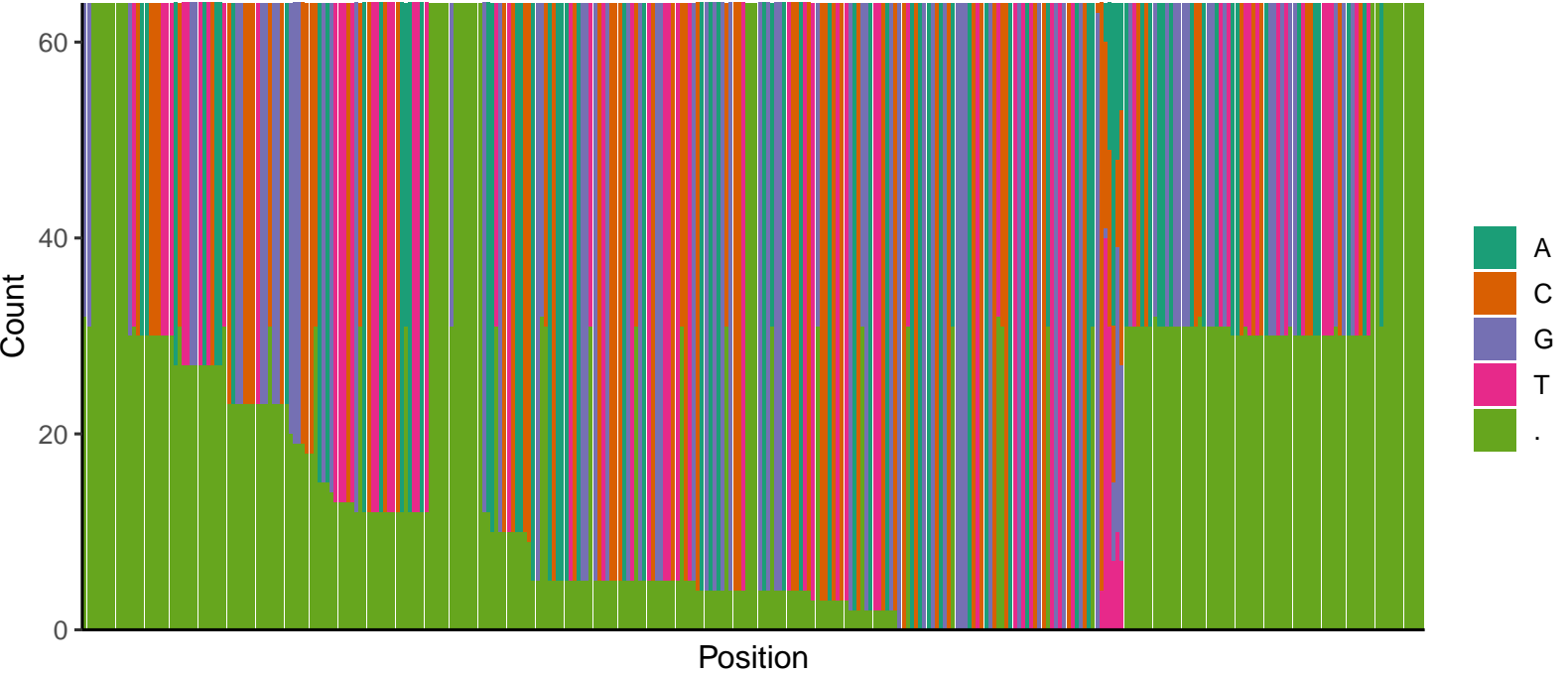
Gene TRBV5-5\*02\_322TTGG325



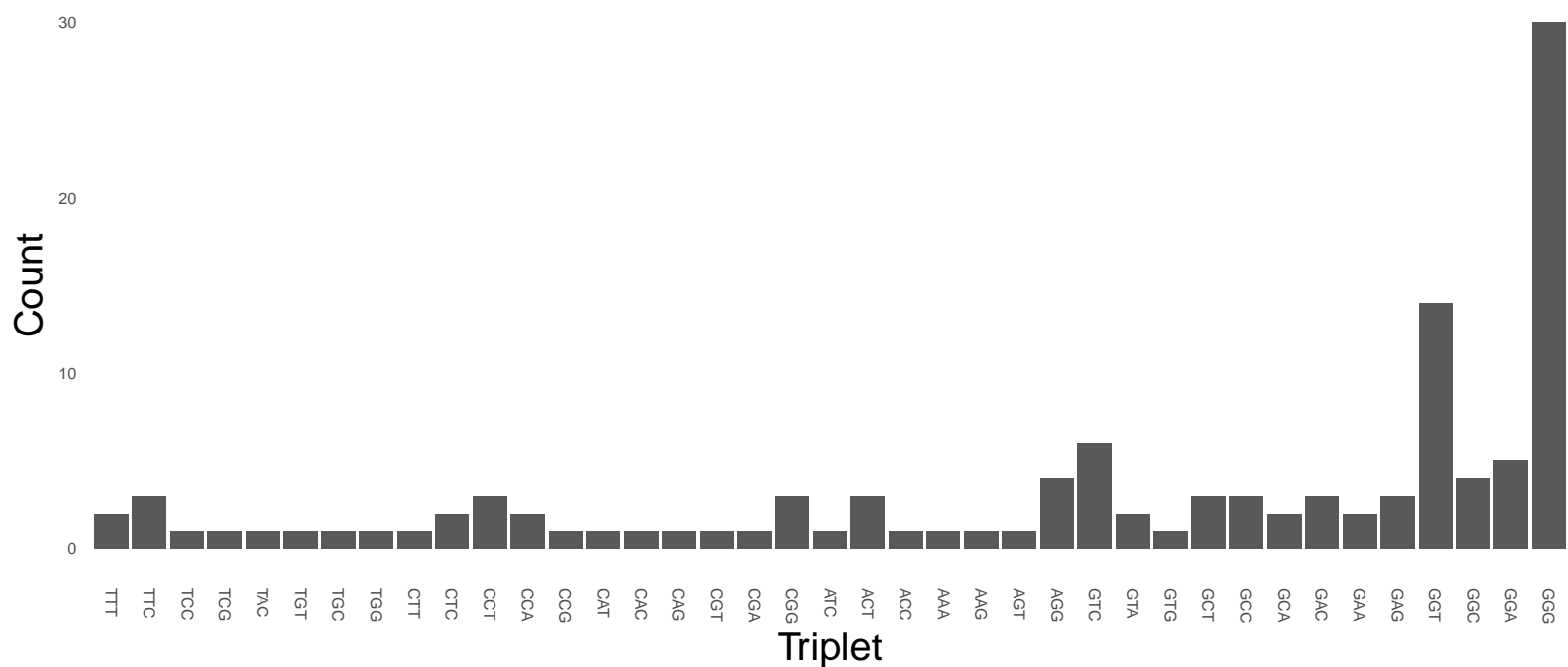
Gene TRBV5-6\*01\_T284G



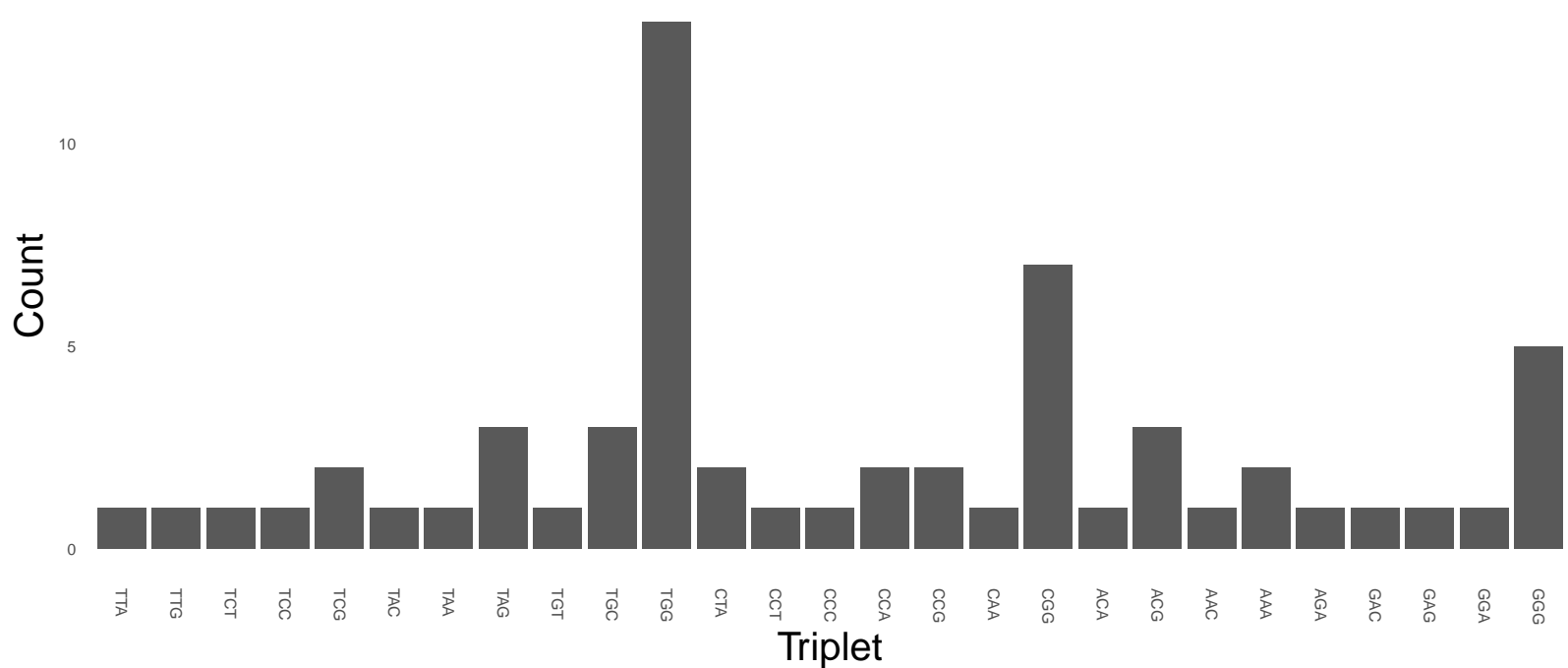
Gene TRBV7-7\*01\_C315T



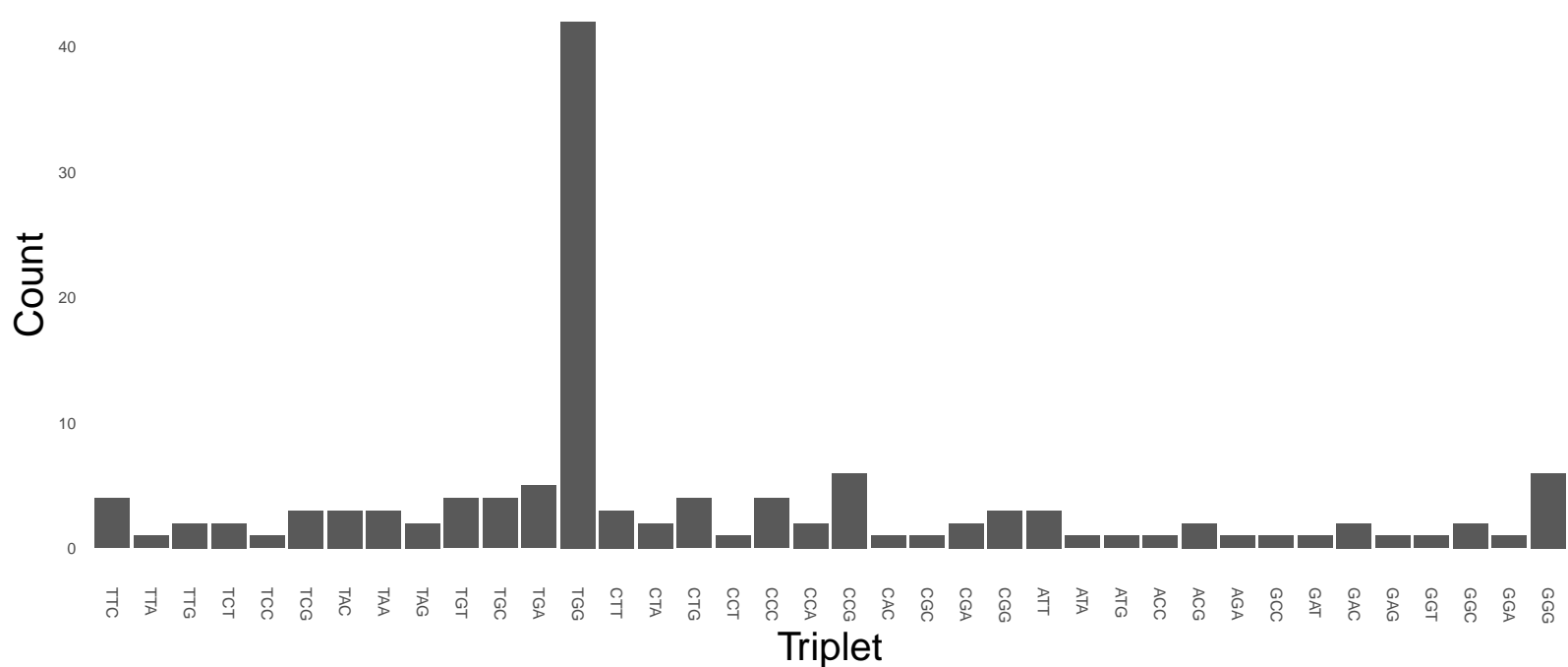
TRBV12–5\*01\_C28G– Final 3 nucleotides as a triplet



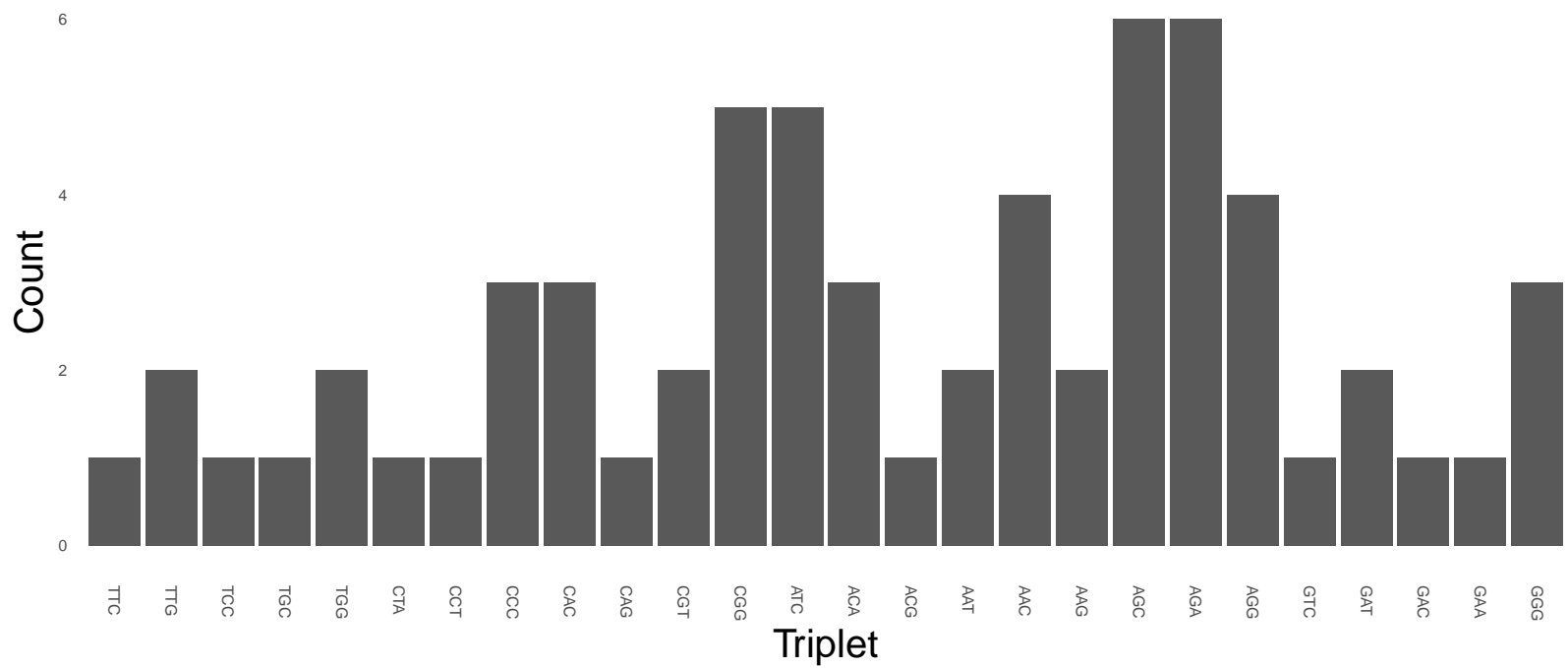
TRBV5–5\*02\_322TTGG325– Final 3 nucleotides as a triplet



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

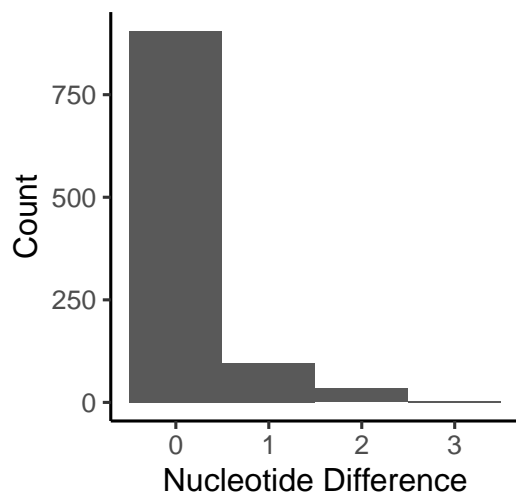


TRBV7-7\*01\_C315T- Final 3 nucleotides as a triplet



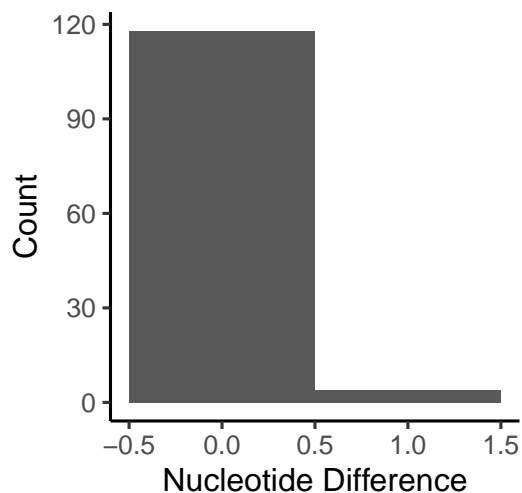
### TRBV20–1\*01

1041 sequences assigned  
906 (87%) exact matches, in which:  
860 unique CDR3  
14 unique J



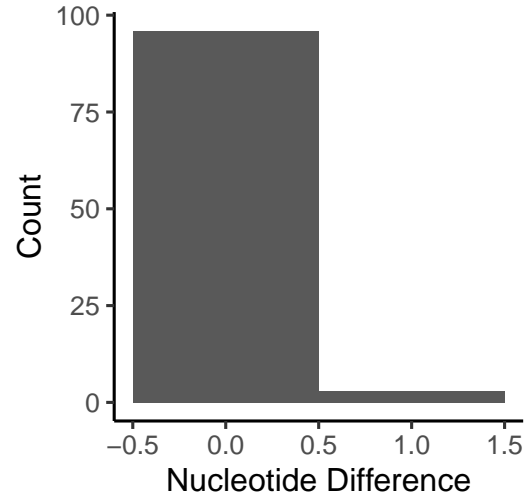
### TRBV10–2\*01

122 sequences assigned  
118 (96.7%) exact matches, in which:  
107 unique CDR3  
13 unique J



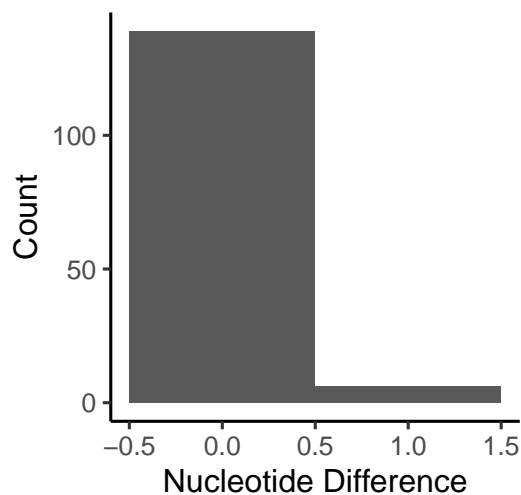
### TRBV10–3\*02

99 sequences assigned  
96 (97%) exact matches, in which:  
94 unique CDR3  
13 unique J



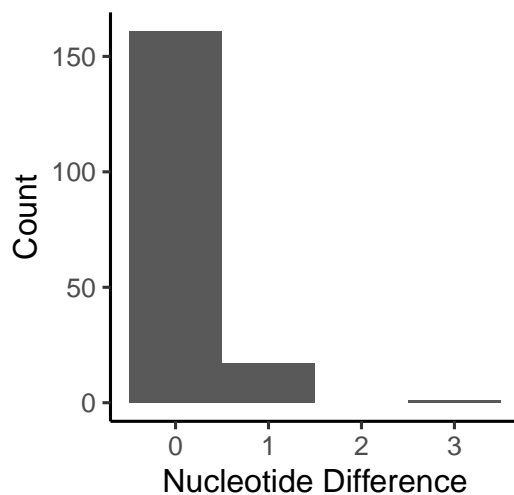
### TRBV10–1\*01

145 sequences assigned  
139 (95.9%) exact matches, in which:  
120 unique CDR3  
13 unique J



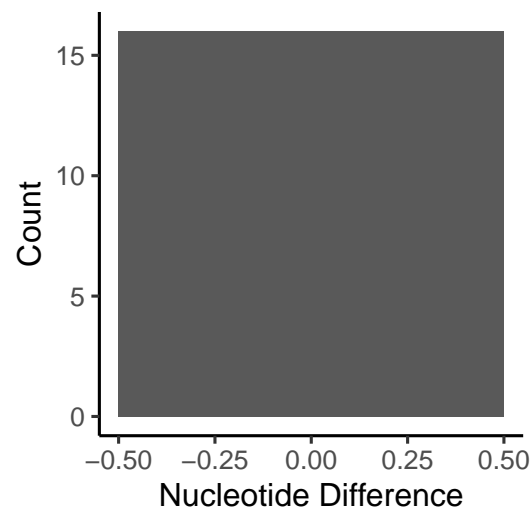
### TRBV10–2\*02

179 sequences assigned  
161 (89.9%) exact matches, in which:  
110 unique CDR3  
12 unique J



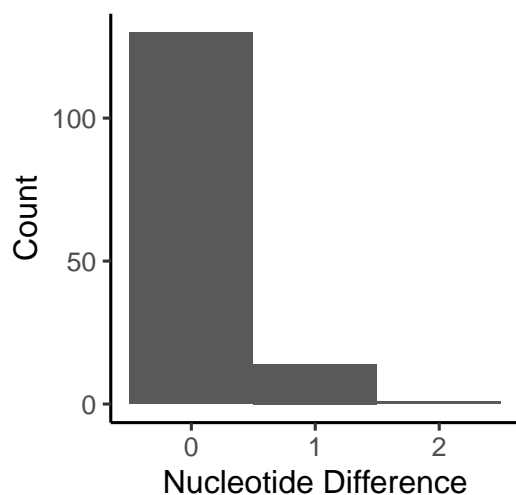
### TRBV1\*01

16 sequences assigned  
16 (100%) exact matches, in which:  
16 unique CDR3  
8 unique J



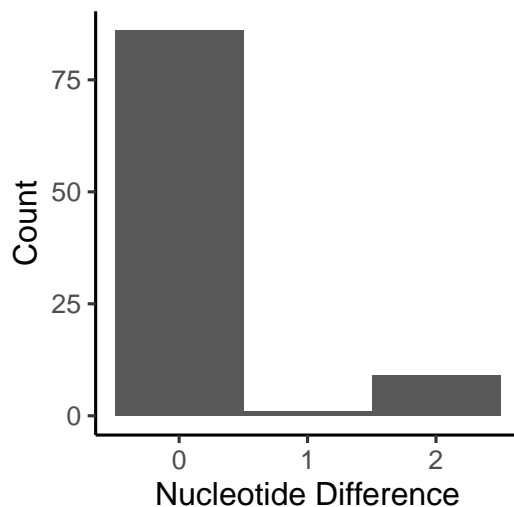
### TRBV10–1\*02

145 sequences assigned  
130 (89.7%) exact matches, in which:  
102 unique CDR3  
13 unique J



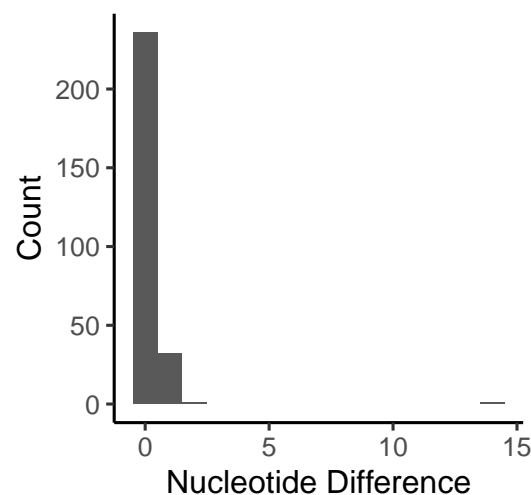
### TRBV10–3\*01

96 sequences assigned  
86 (89.6%) exact matches, in which:  
86 unique CDR3  
13 unique J



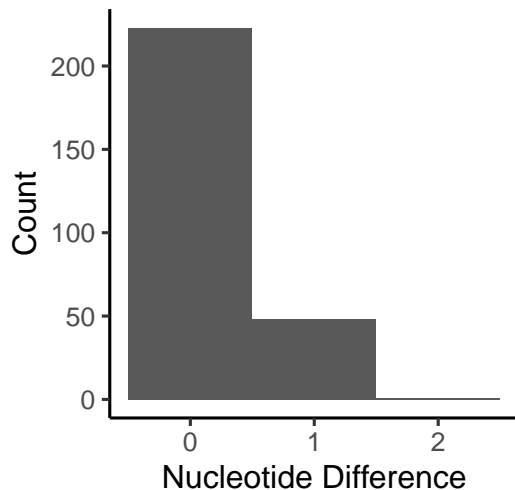
### TRBV13\*01

270 sequences assigned  
236 (87.4%) exact matches, in which:  
225 unique CDR3  
13 unique J



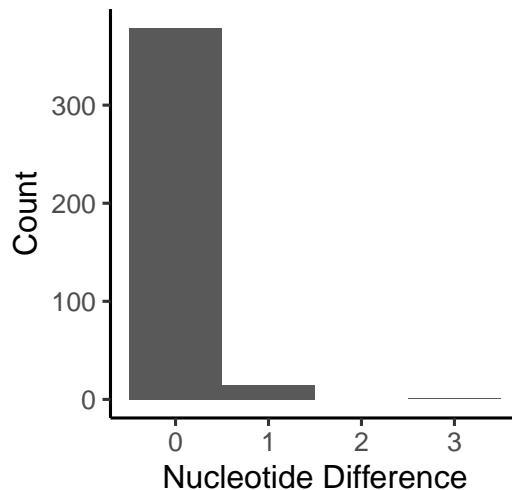
### TRBV14\*01

273 sequences assigned  
223 (81.7%) exact matches, in which:  
194 unique CDR3  
14 unique J



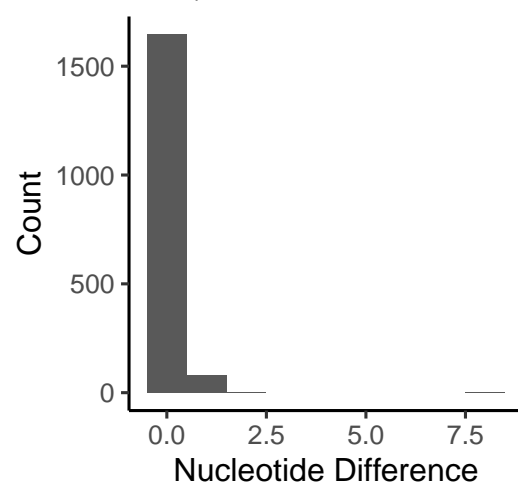
### TRBV18\*01

395 sequences assigned  
379 (95.9%) exact matches, in which:  
271 unique CDR3  
13 unique J



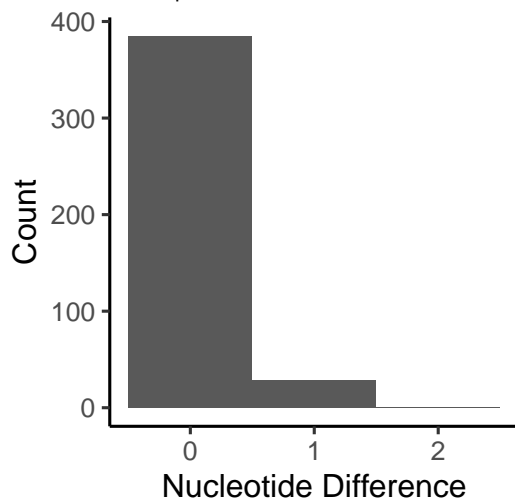
### TRBV27\*01

1732 sequences assigned  
1646 (95%) exact matches, in which:  
1602 unique CDR3  
15 unique J



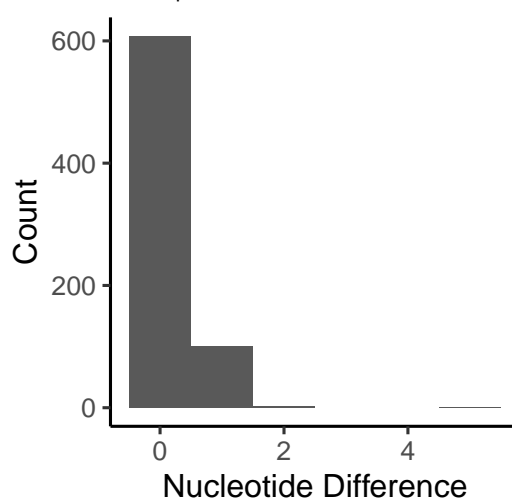
### TRBV15\*02

415 sequences assigned  
385 (92.8%) exact matches, in which:  
347 unique CDR3  
14 unique J



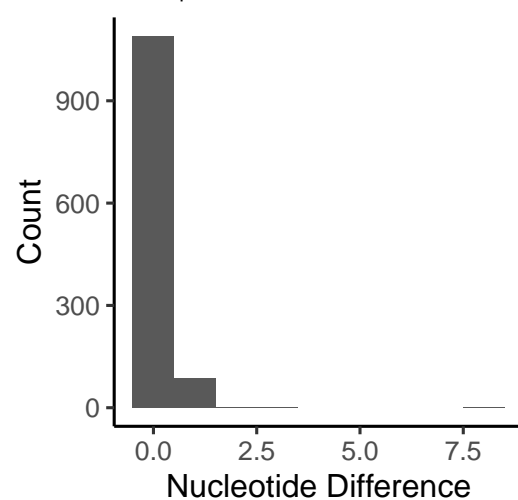
### TRBV19\*01

714 sequences assigned  
608 (85.2%) exact matches, in which:  
600 unique CDR3  
14 unique J



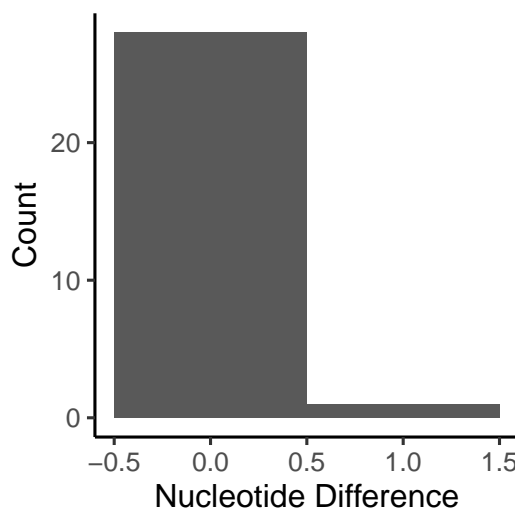
### TRBV28\*01

1180 sequences assigned  
1090 (92.4%) exact matches, in which:  
1050 unique CDR3  
14 unique J



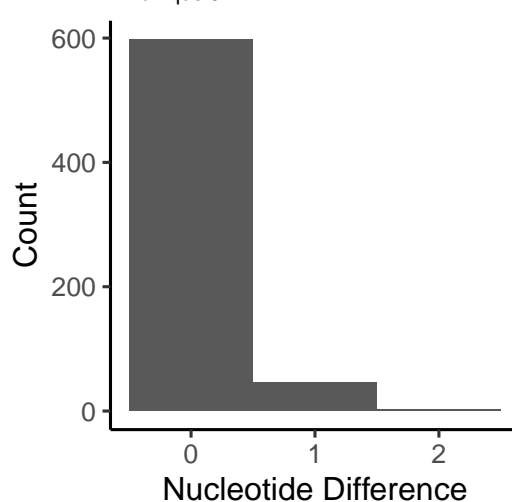
### TRBV16\*01

30 sequences assigned  
28 (93.3%) exact matches, in which:  
28 unique CDR3  
10 unique J



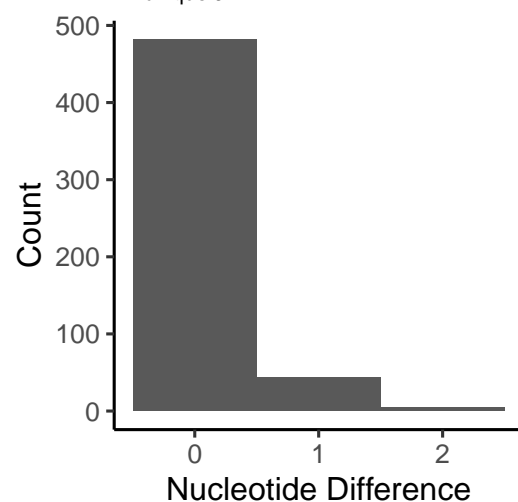
### TRBV2\*01

646 sequences assigned  
598 (92.6%) exact matches, in which:  
544 unique CDR3  
14 unique J



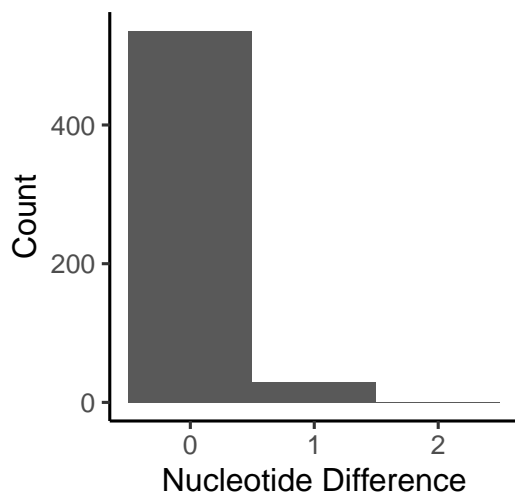
### TRBV30\*01

530 sequences assigned  
482 (90.9%) exact matches, in which:  
446 unique CDR3  
14 unique J



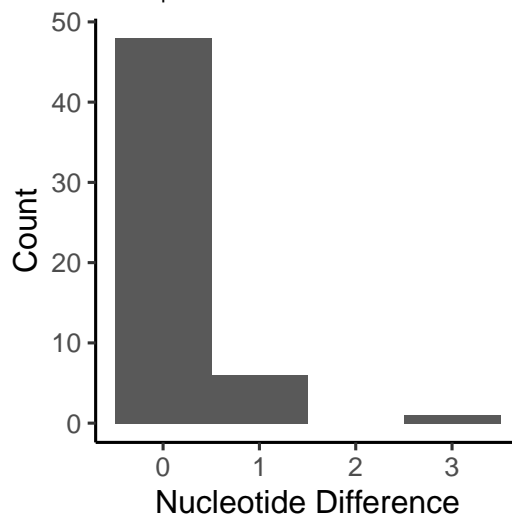
### TRBV9\*01

566 sequences assigned  
536 (94.7%) exact matches, in which:  
533 unique CDR3  
13 unique J



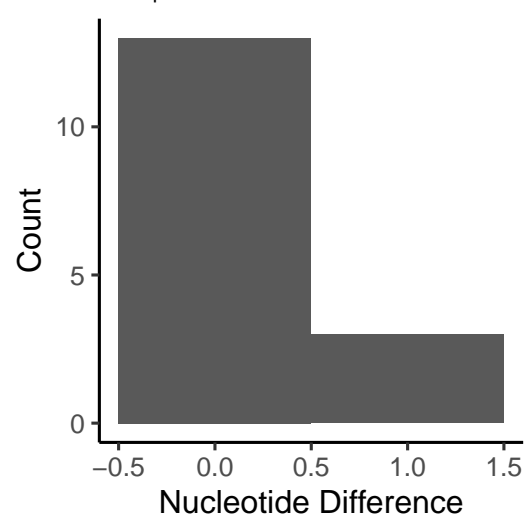
### TRBV11-1\*01

55 sequences assigned  
48 (87.3%) exact matches, in which:  
47 unique CDR3  
13 unique J



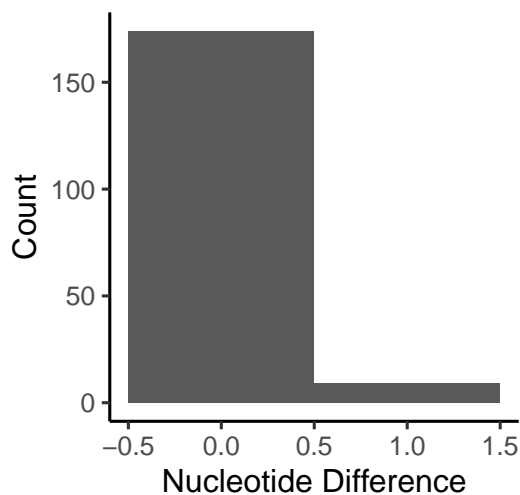
### TRBV11-3\*04

16 sequences assigned  
13 (81.2%) exact matches, in which:  
12 unique CDR3  
6 unique J



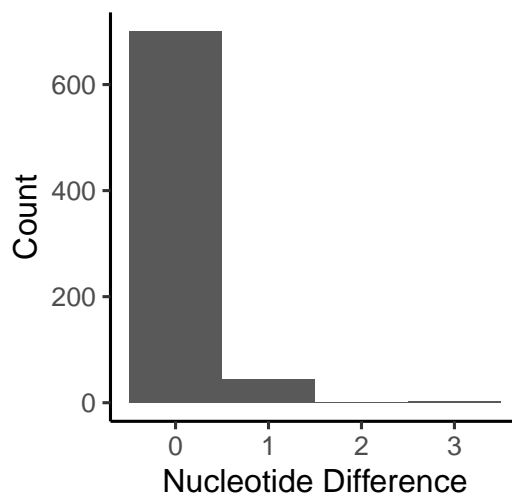
### TRBV9\*02

183 sequences assigned  
174 (95.1%) exact matches, in which:  
173 unique CDR3  
13 unique J



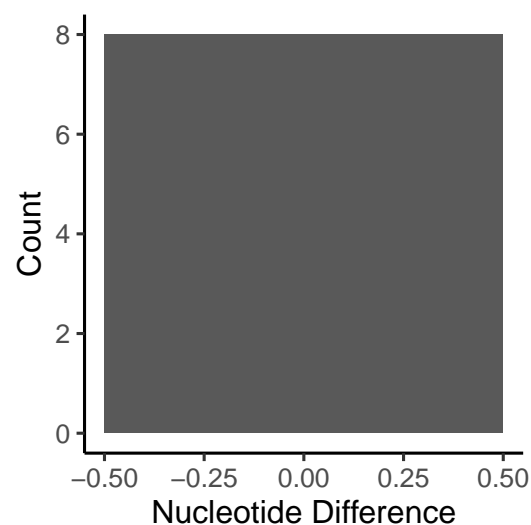
### TRBV11-2\*01

749 sequences assigned  
701 (93.6%) exact matches, in which:  
610 unique CDR3  
14 unique J



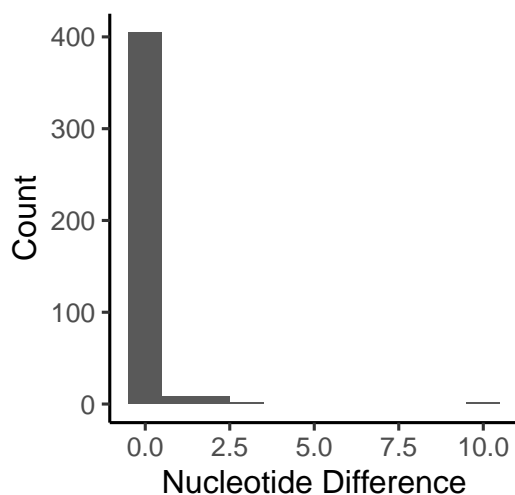
### TRBV12-1\*01

8 sequences assigned  
8 (100%) exact matches, in which:  
8 unique CDR3  
5 unique J



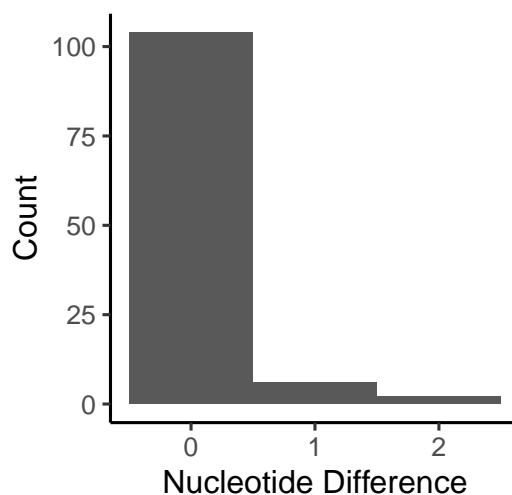
### TRBV21-1\*01

425 sequences assigned  
405 (95.3%) exact matches, in which:  
372 unique CDR3  
14 unique J



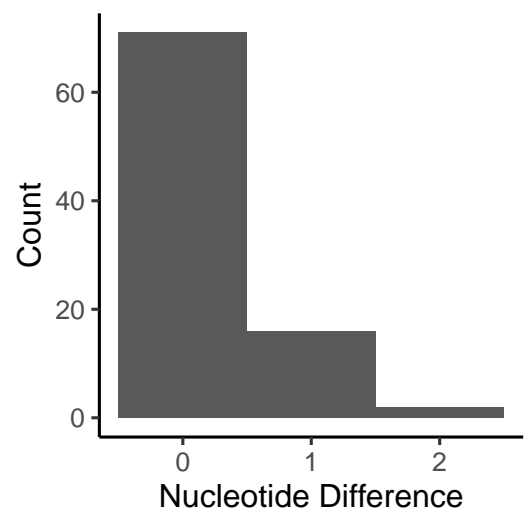
### TRBV11-3\*01

112 sequences assigned  
104 (92.9%) exact matches, in which:  
99 unique CDR3  
12 unique J



### TRBV12-2\*01

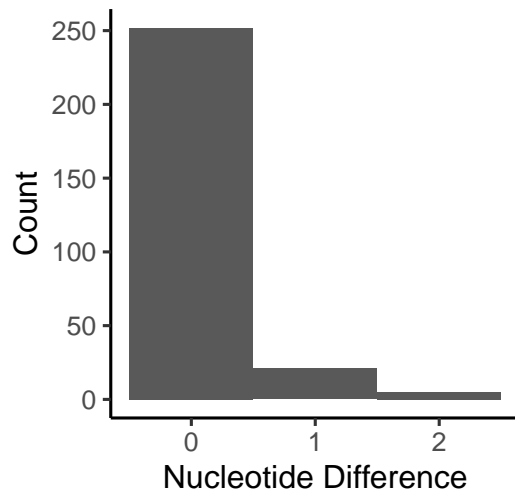
89 sequences assigned  
71 (79.8%) exact matches, in which:  
56 unique CDR3  
14 unique J





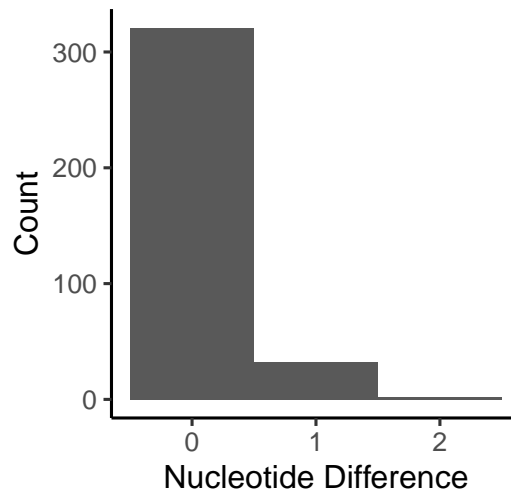
### TRBV12-3\*01

278 sequences assigned  
252 (90.6%) exact matches, in which:  
247 unique CDR3  
14 unique J



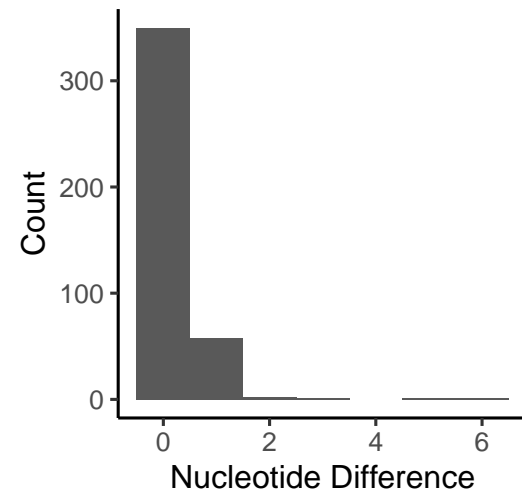
### TRBV3-1\*01

355 sequences assigned  
321 (90.4%) exact matches, in which:  
314 unique CDR3  
13 unique J



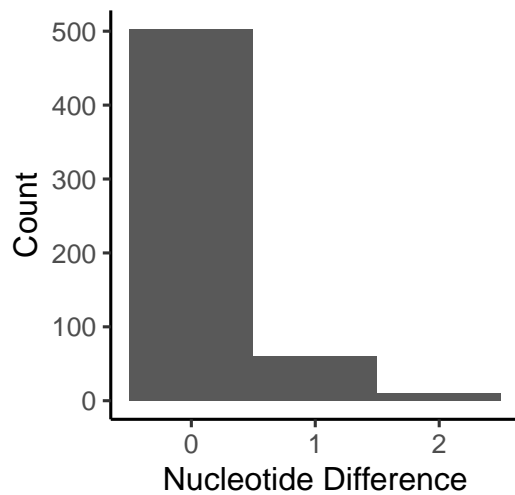
### TRBV24-1\*01

413 sequences assigned  
350 (84.7%) exact matches, in which:  
321 unique CDR3  
14 unique J



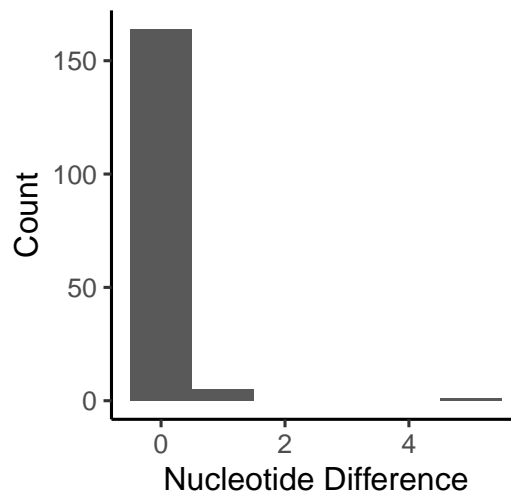
### TRBV12-4\*01

573 sequences assigned  
503 (87.8%) exact matches, in which:  
494 unique CDR3  
14 unique J



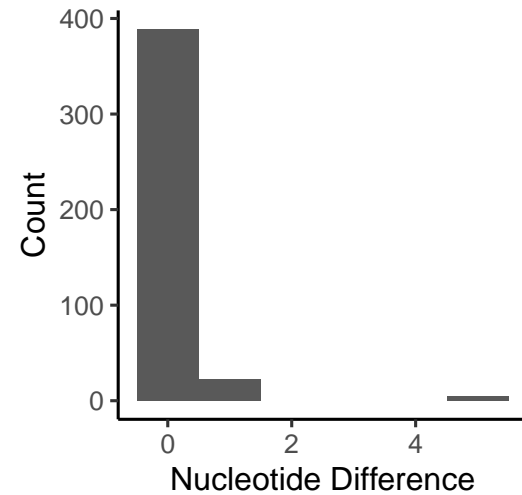
### TRBV23-1\*01

171 sequences assigned  
164 (95.9%) exact matches, in which:  
145 unique CDR3  
13 unique J



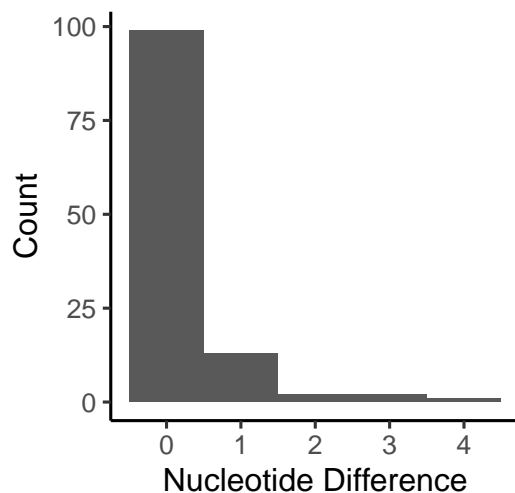
### TRBV4-1\*01

417 sequences assigned  
389 (93.3%) exact matches, in which:  
374 unique CDR3  
14 unique J



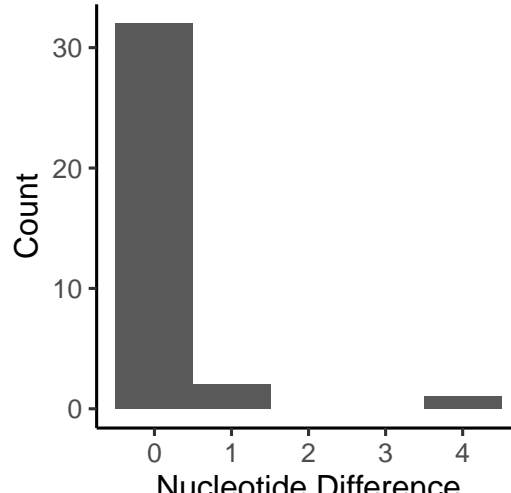
### TRBV12-5\*01\_C28G

118 sequences assigned  
99 (83.9%) exact matches, in which:  
86 unique CDR3  
12 unique J



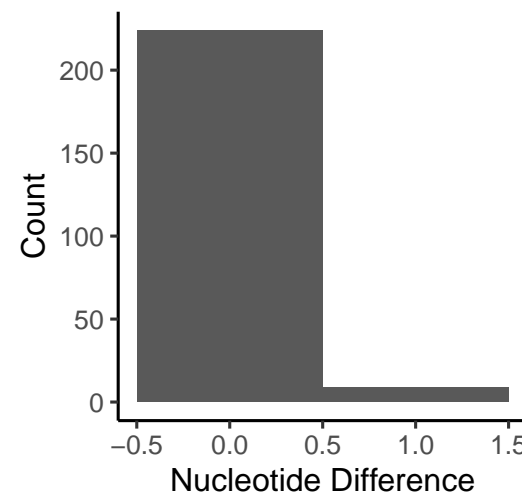
### TRBV3-2\*02

35 sequences assigned  
32 (91.4%) exact matches, in which:  
32 unique CDR3  
12 unique J



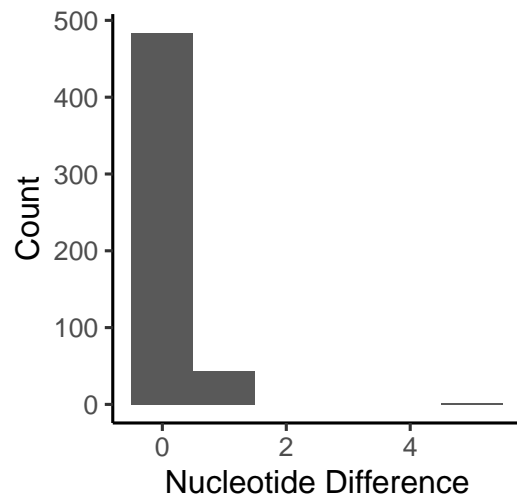
### TRBV4-2\*01

233 sequences assigned  
224 (96.1%) exact matches, in which:  
220 unique CDR3  
14 unique J



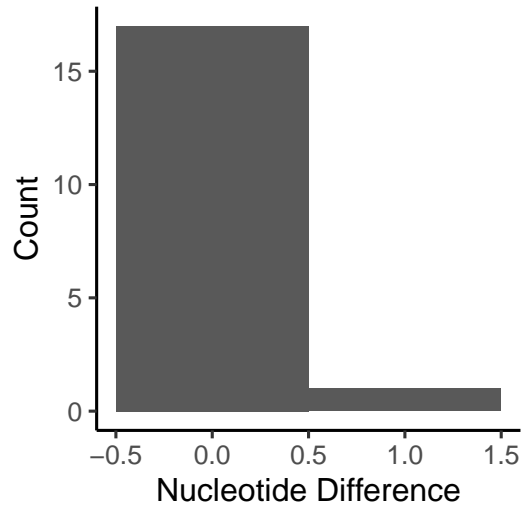
### TRBV4-3\*01

530 sequences assigned  
484 (91.3%) exact matches, in which:  
410 unique CDR3  
14 unique J



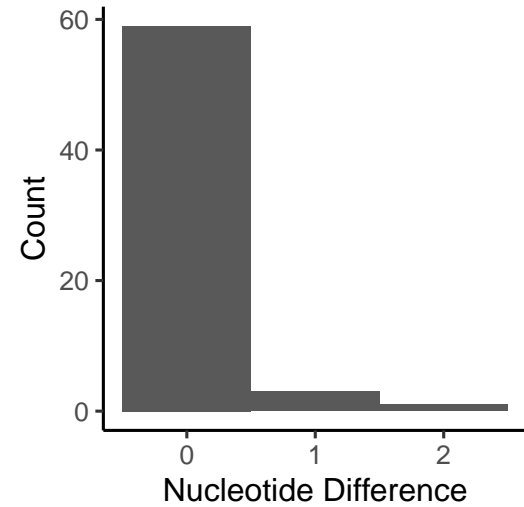
### TRBV5-3\*01

18 sequences assigned  
17 (94.4%) exact matches, in which:  
16 unique CDR3  
7 unique J



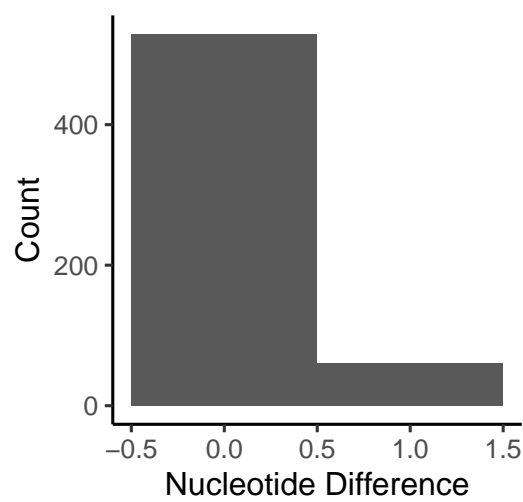
### TRBV5-5\*01

63 sequences assigned  
59 (93.7%) exact matches, in which:  
59 unique CDR3  
12 unique J



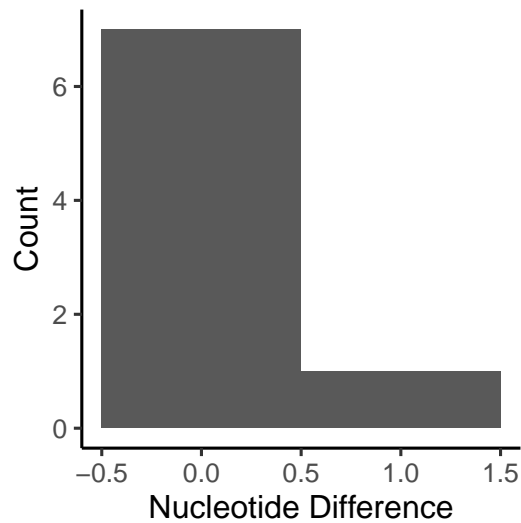
### TRBV5-1\*01

589 sequences assigned  
529 (89.8%) exact matches, in which:  
521 unique CDR3  
14 unique J



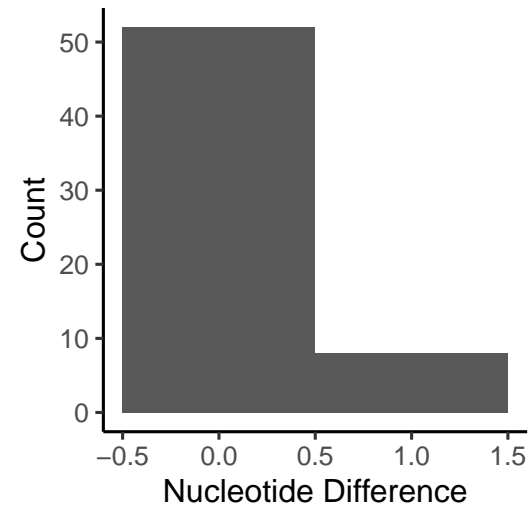
### TRBV5-3\*02

8 sequences assigned  
7 (87.5%) exact matches, in which:  
6 unique CDR3  
4 unique J



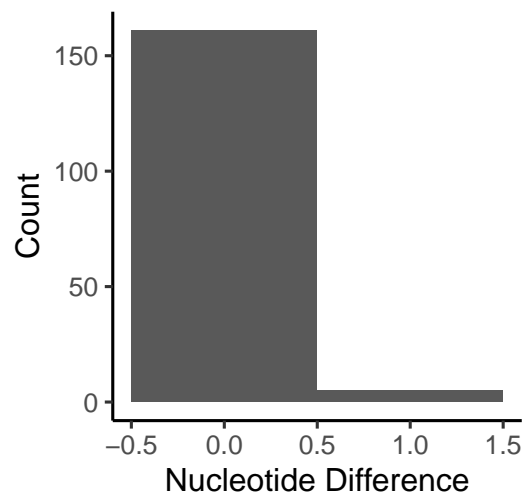
### TRBV5-5\*02\_322TTGG32

60 sequences assigned  
52 (86.7%) exact matches, in which:  
50 unique CDR3  
13 unique J



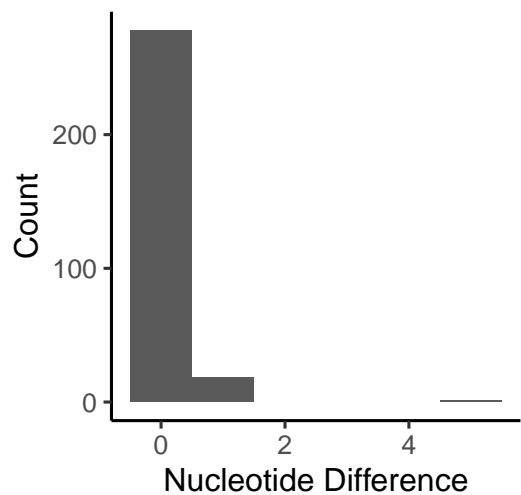
### TRBV25-1\*01

166 sequences assigned  
161 (97%) exact matches, in which:  
161 unique CDR3  
14 unique J



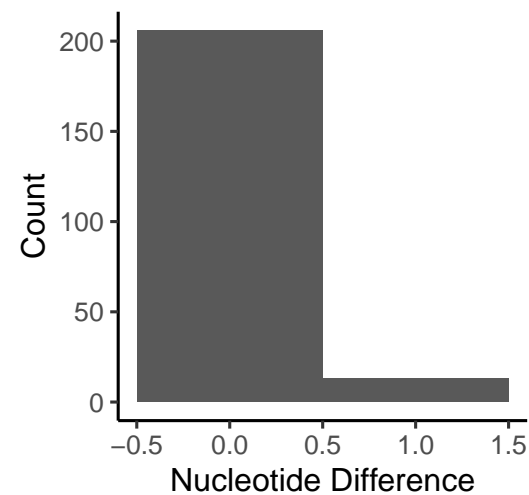
### TRBV5-4\*01

297 sequences assigned  
278 (93.6%) exact matches, in which:  
266 unique CDR3  
14 unique J



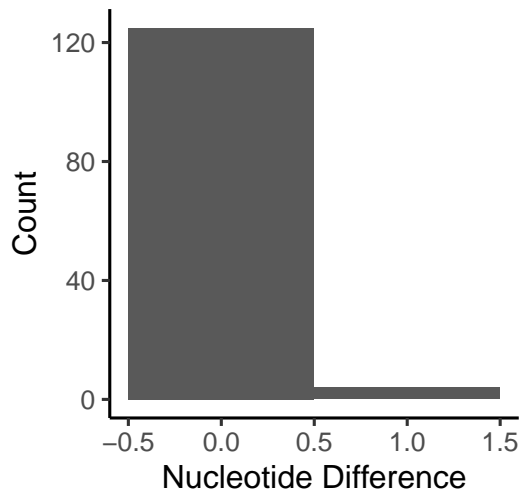
### TRBV5-6\*01

219 sequences assigned  
206 (94.1%) exact matches, in which:  
203 unique CDR3  
14 unique J



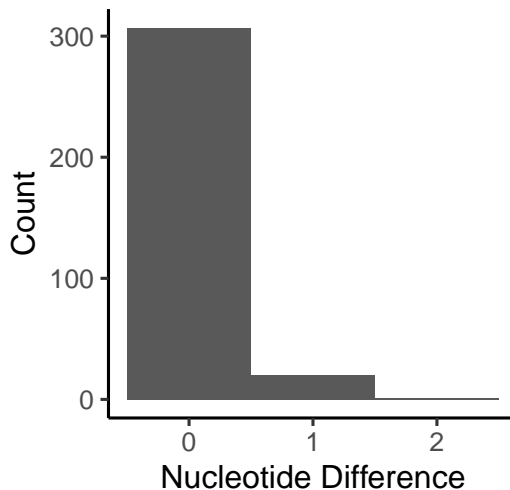
### TRBV5-6\*01\_T284G

129 sequences assigned  
125 (96.9%) exact matches, in which:  
122 unique CDR3  
13 unique J



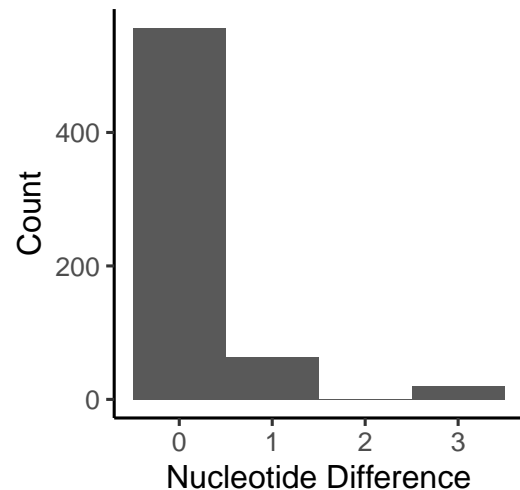
### TRBV6-1\*01

330 sequences assigned  
307 (93%) exact matches, in which:  
300 unique CDR3  
14 unique J



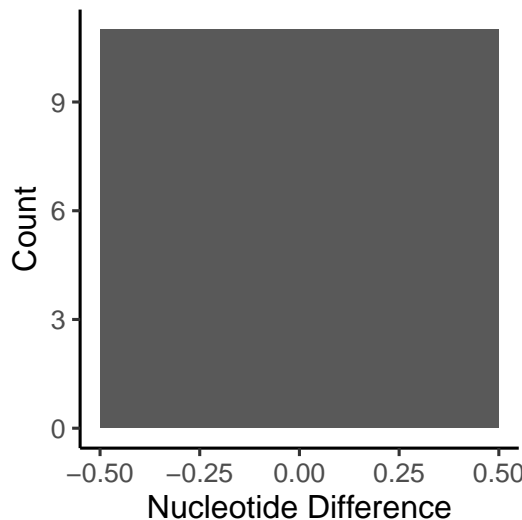
### TRBV6-5\*01

642 sequences assigned  
557 (86.8%) exact matches, in which:  
529 unique CDR3  
14 unique J



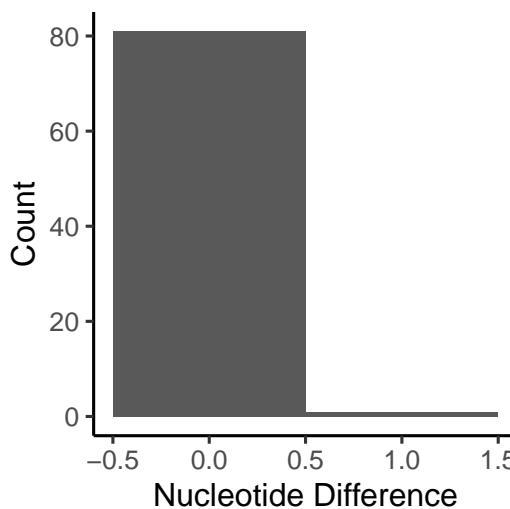
### TRBV5-7\*01

11 sequences assigned  
11 (100%) exact matches, in which:  
8 unique CDR3  
6 unique J



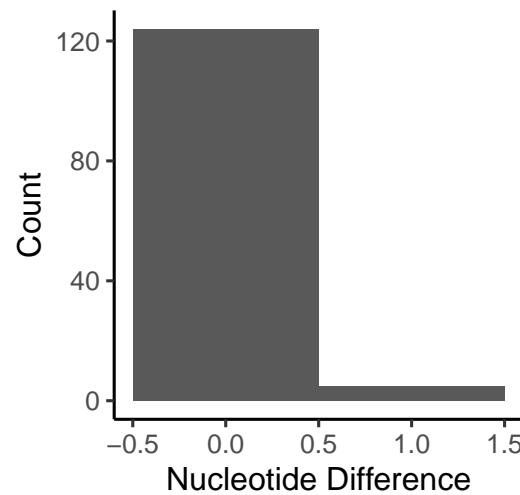
### TRBV6-4\*01

82 sequences assigned  
81 (98.8%) exact matches, in which:  
79 unique CDR3  
13 unique J



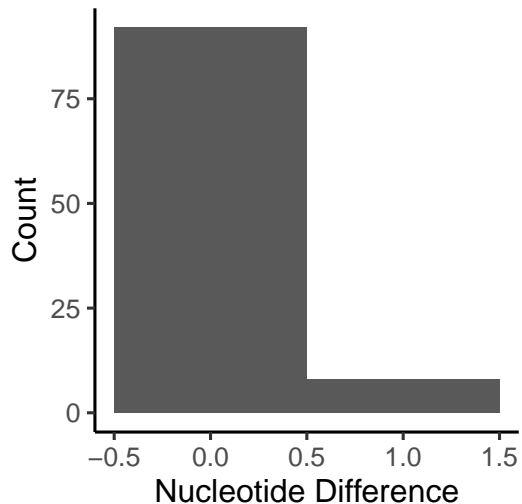
### TRBV6-6\*01

129 sequences assigned  
124 (96.1%) exact matches, in which:  
115 unique CDR3  
13 unique J



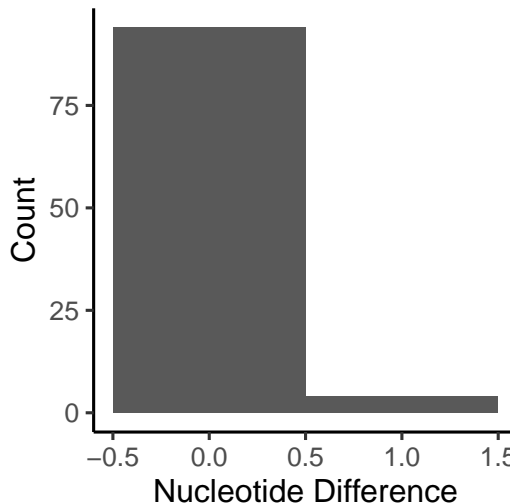
### TRBV5-8\*01

100 sequences assigned  
92 (92%) exact matches, in which:  
90 unique CDR3  
14 unique J



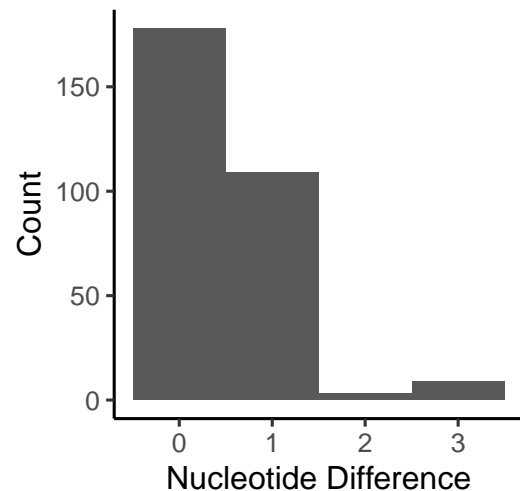
### TRBV6-4\*02

98 sequences assigned  
94 (95.9%) exact matches, in which:  
94 unique CDR3  
13 unique J



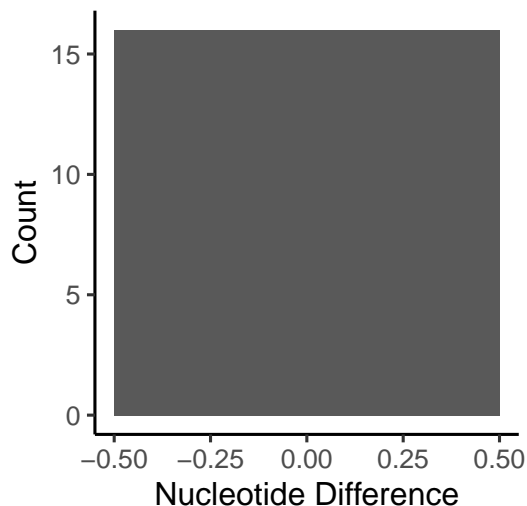
### TRBV6-6\*02

299 sequences assigned  
178 (59.5%) exact matches, in which:  
102 unique CDR3  
11 unique J



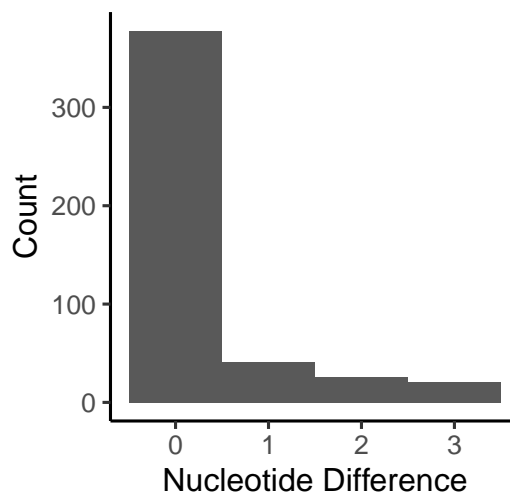
### TRBV6-7\*01

16 sequences assigned  
16 (100%) exact matches, in which:  
13 unique CDR3  
8 unique J



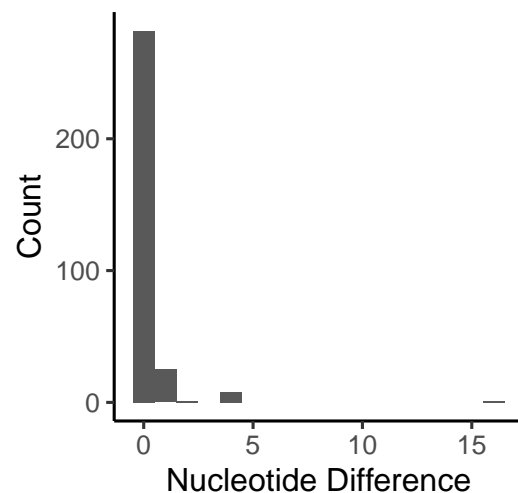
### TRBV6-23\*01

467 sequences assigned  
378 (80.9%) exact matches, in which:  
363 unique CDR3  
14 unique J



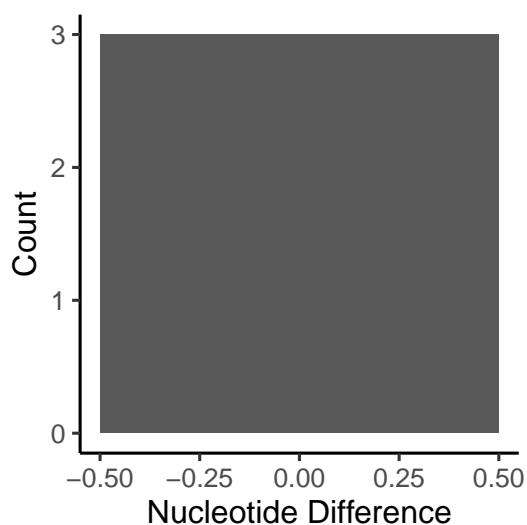
### TRBV7-3\*01

317 sequences assigned  
282 (89%) exact matches, in which:  
252 unique CDR3  
14 unique J



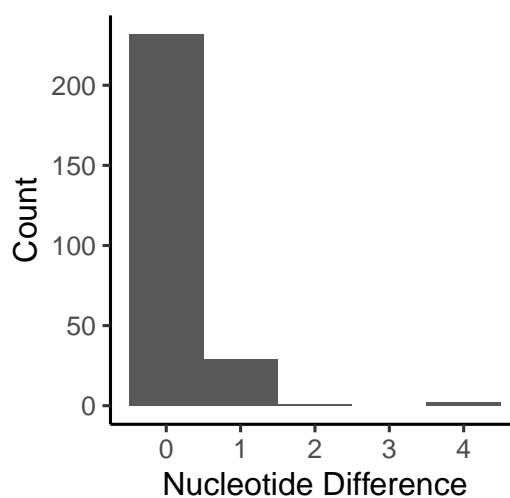
### TRBV6-8\*01

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



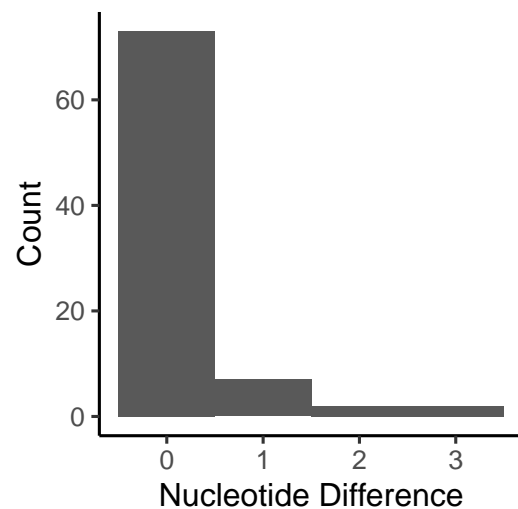
### TRBV7-2\*01

265 sequences assigned  
232 (87.5%) exact matches, in which:  
215 unique CDR3  
14 unique J



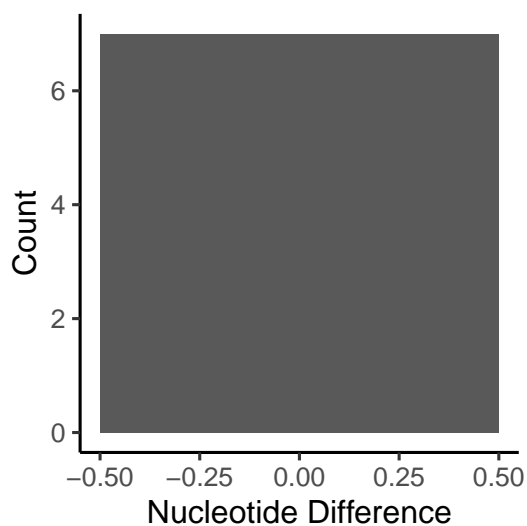
### TRBV7-3\*03

84 sequences assigned  
73 (86.9%) exact matches, in which:  
68 unique CDR3  
11 unique J



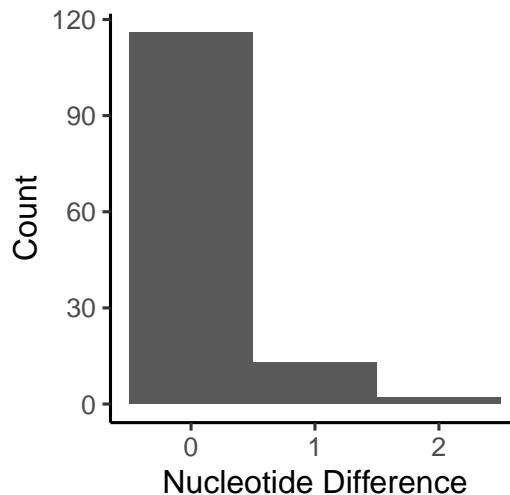
### TRBV6-9\*01

7 sequences assigned  
7 (100%) exact matches, in which:  
7 unique CDR3  
5 unique J



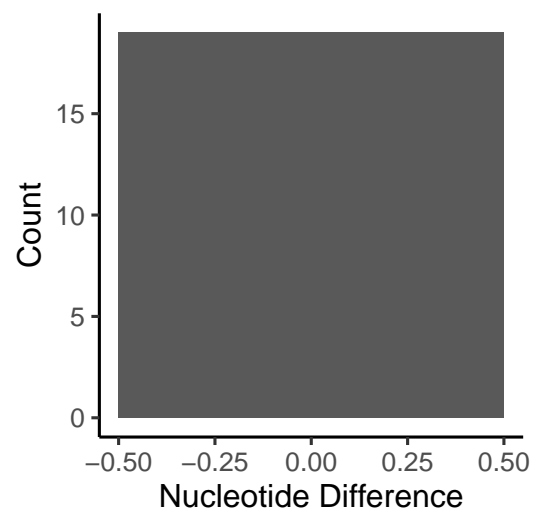
### TRBV7-2\*02

131 sequences assigned  
116 (88.5%) exact matches, in which:  
110 unique CDR3  
11 unique J



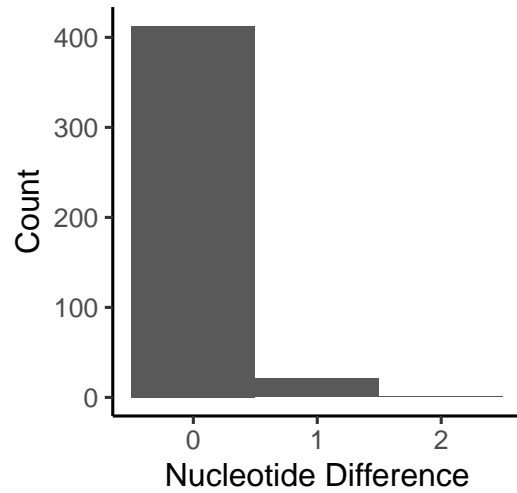
### TRBV7-4\*01

19 sequences assigned  
19 (100%) exact matches, in which:  
19 unique CDR3  
7 unique J



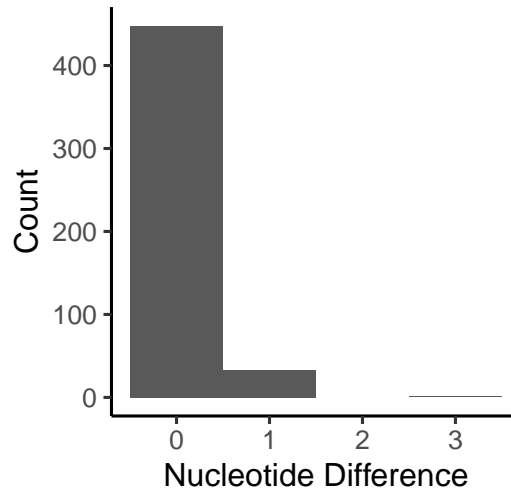
### TRBV7-6\*01

435 sequences assigned  
413 (94.9%) exact matches, in which:  
349 unique CDR3  
14 unique J



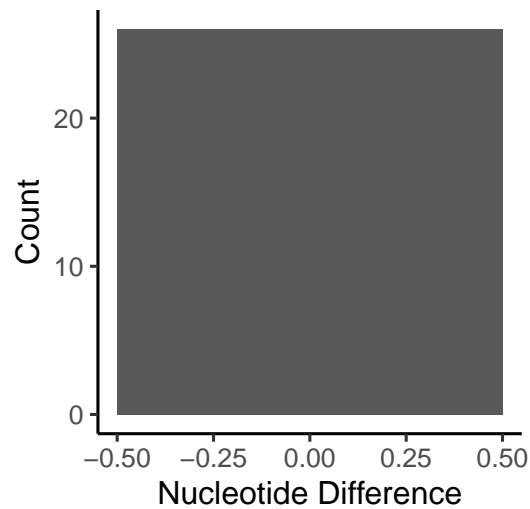
### TRBV7-8\*01

482 sequences assigned  
448 (92.9%) exact matches, in which:  
389 unique CDR3  
14 unique J



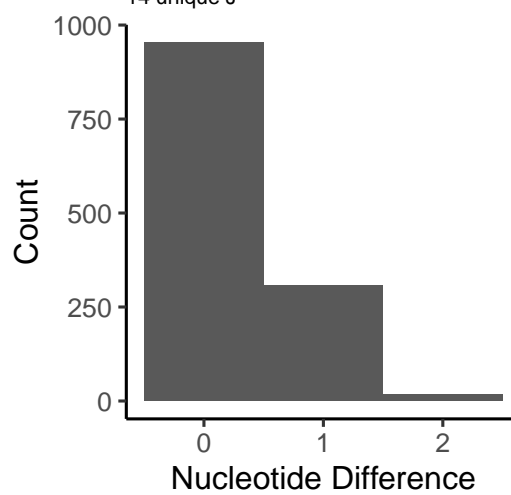
### TRBV7-7\*01

26 sequences assigned  
26 (100%) exact matches, in which:  
21 unique CDR3  
6 unique J



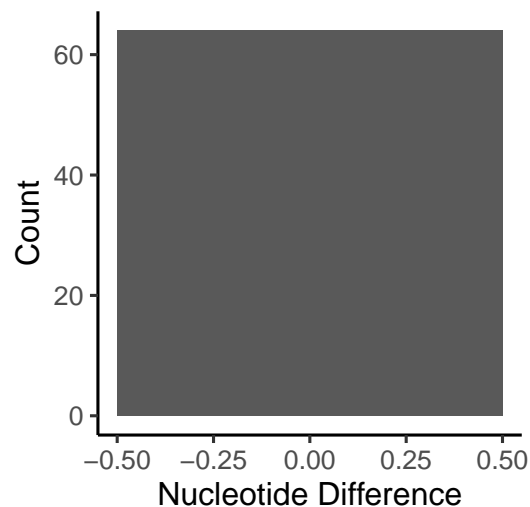
### TRBV7-9\*03

1277 sequences assigned  
953 (74.6%) exact matches, in which:  
932 unique CDR3  
14 unique J



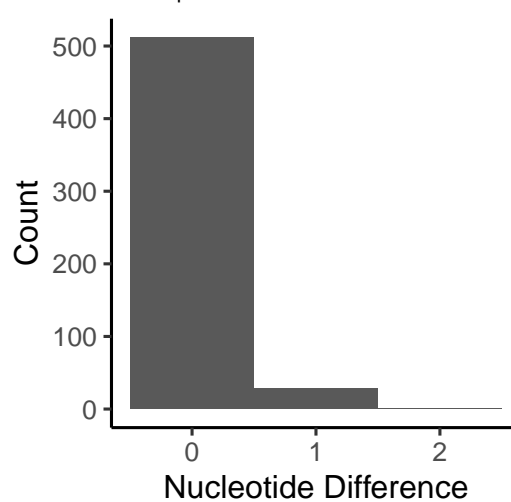
### TRBV7-7\*01\_C315T

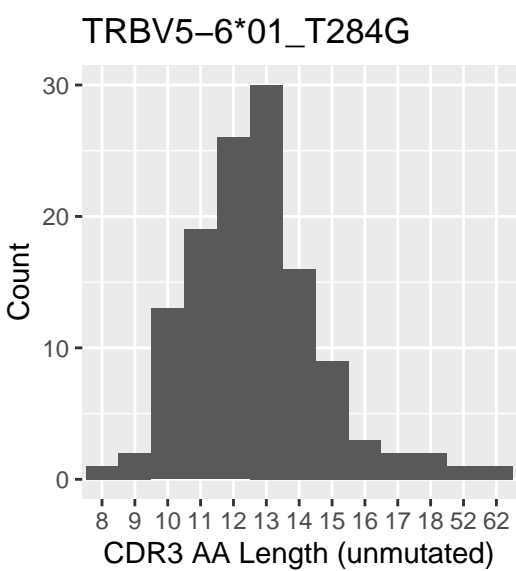
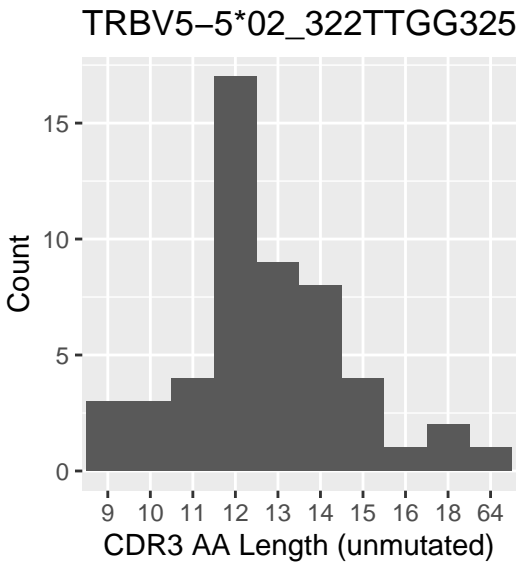
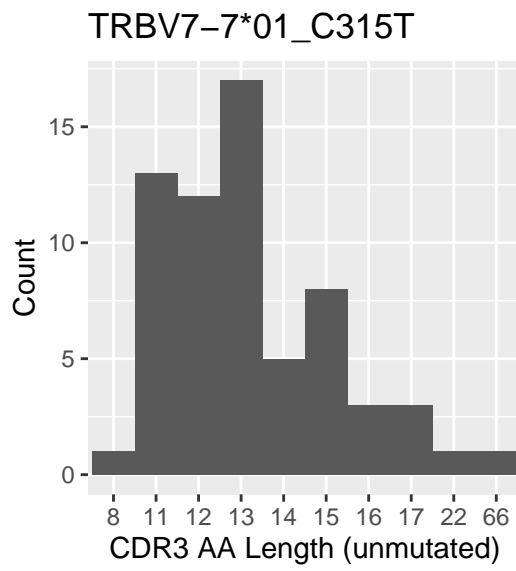
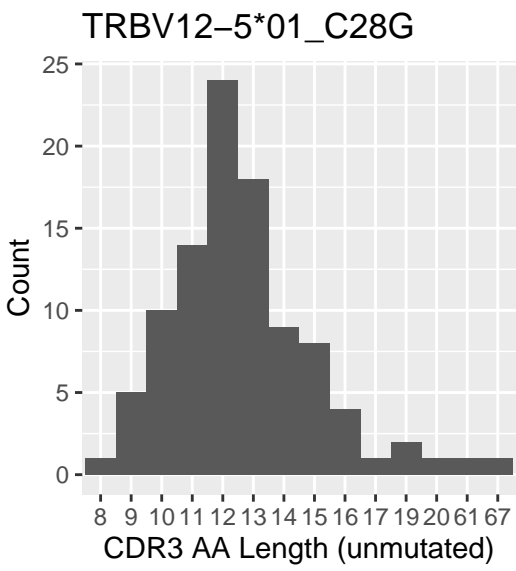
64 sequences assigned  
64 (100%) exact matches, in which:  
51 unique CDR3  
13 unique J

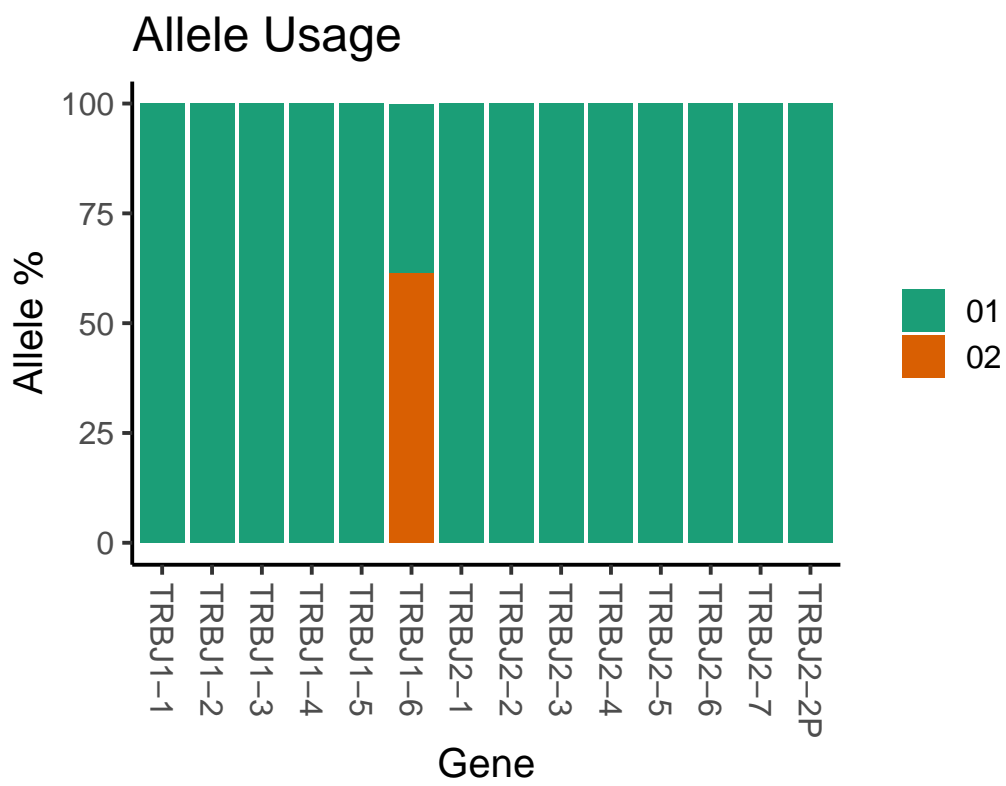


### TRBV29-1\*01

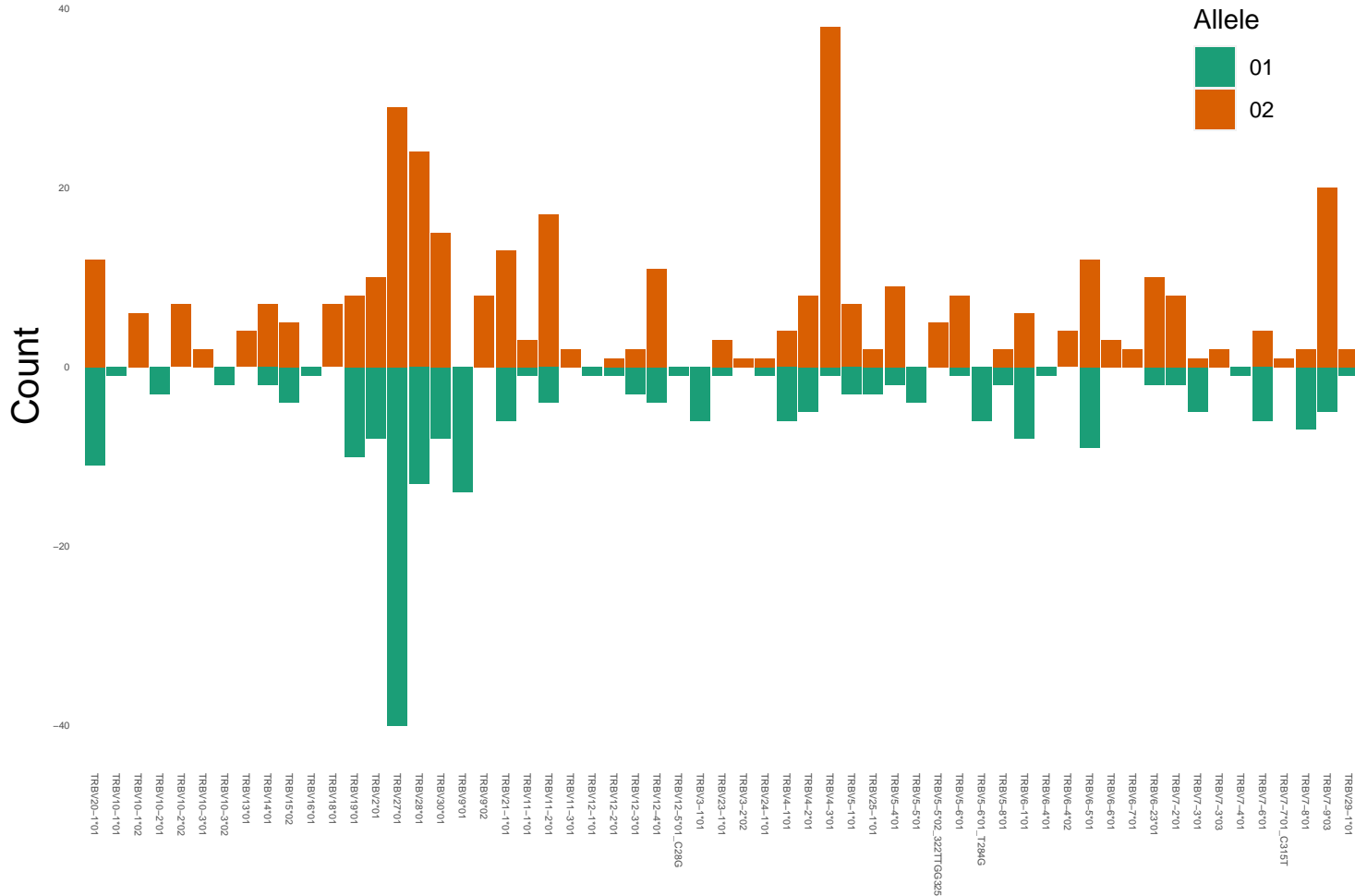
541 sequences assigned  
512 (94.6%) exact matches, in which:  
441 unique CDR3  
14 unique J







Sequence Count by TRBJ1–6 allele usage





Warning – no inferred sequences found.

Warning – no inferred sequences found.