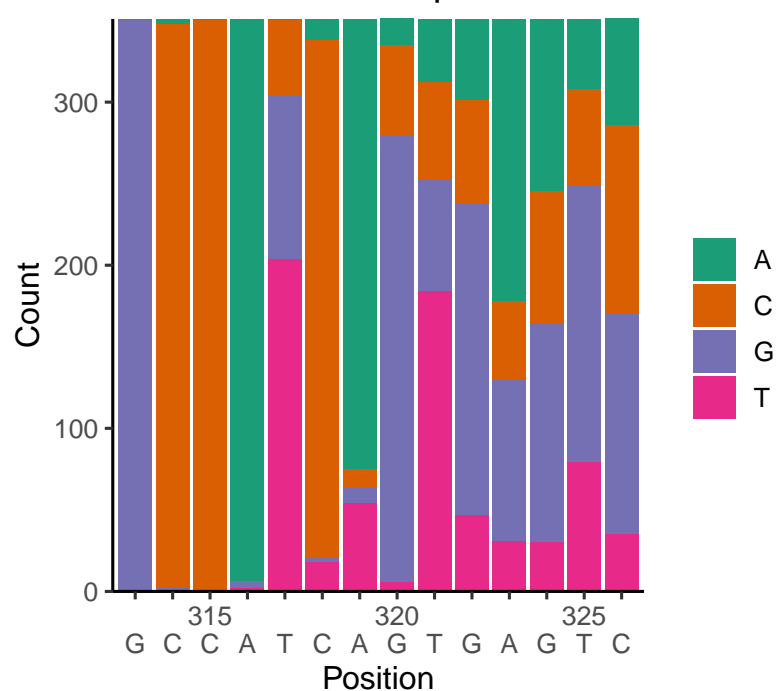
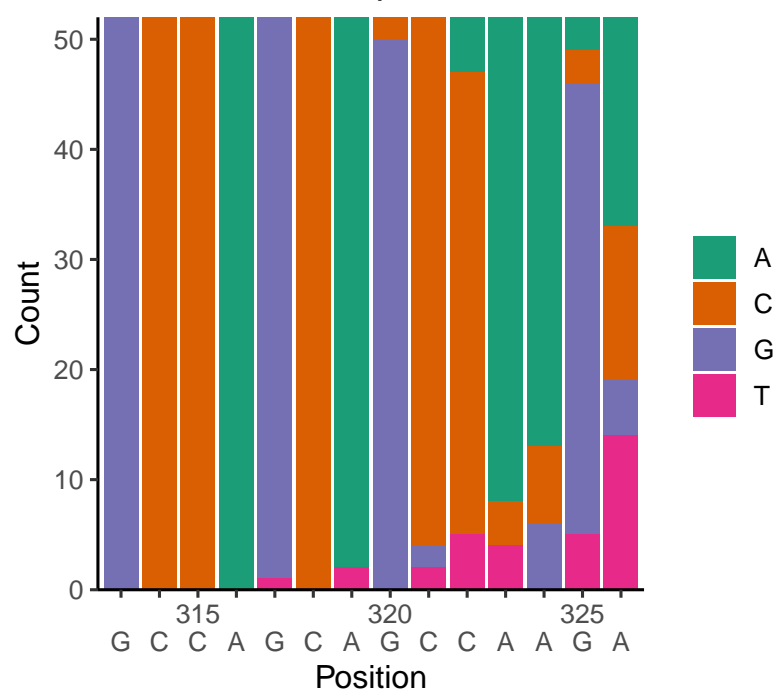


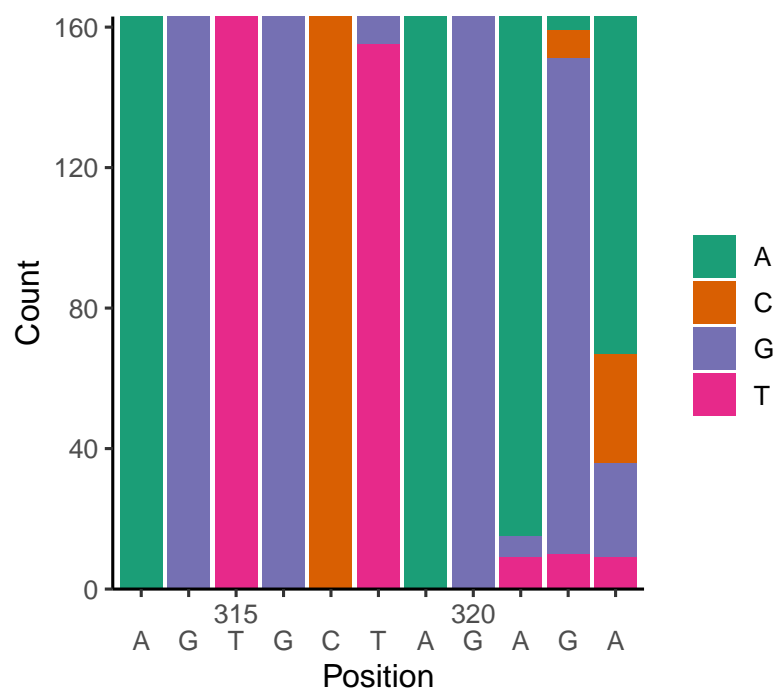
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



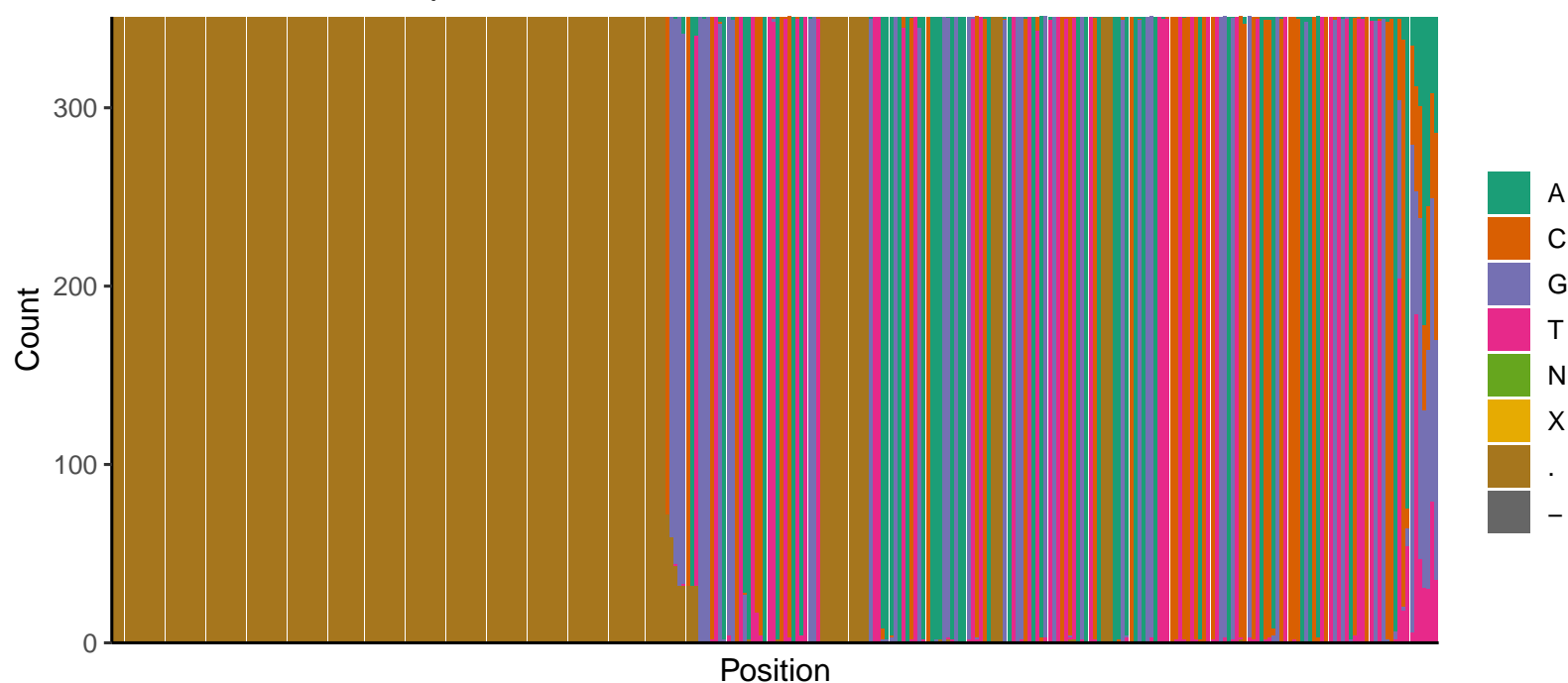
Gene TRBV14\*bp02\_322CAAGA326



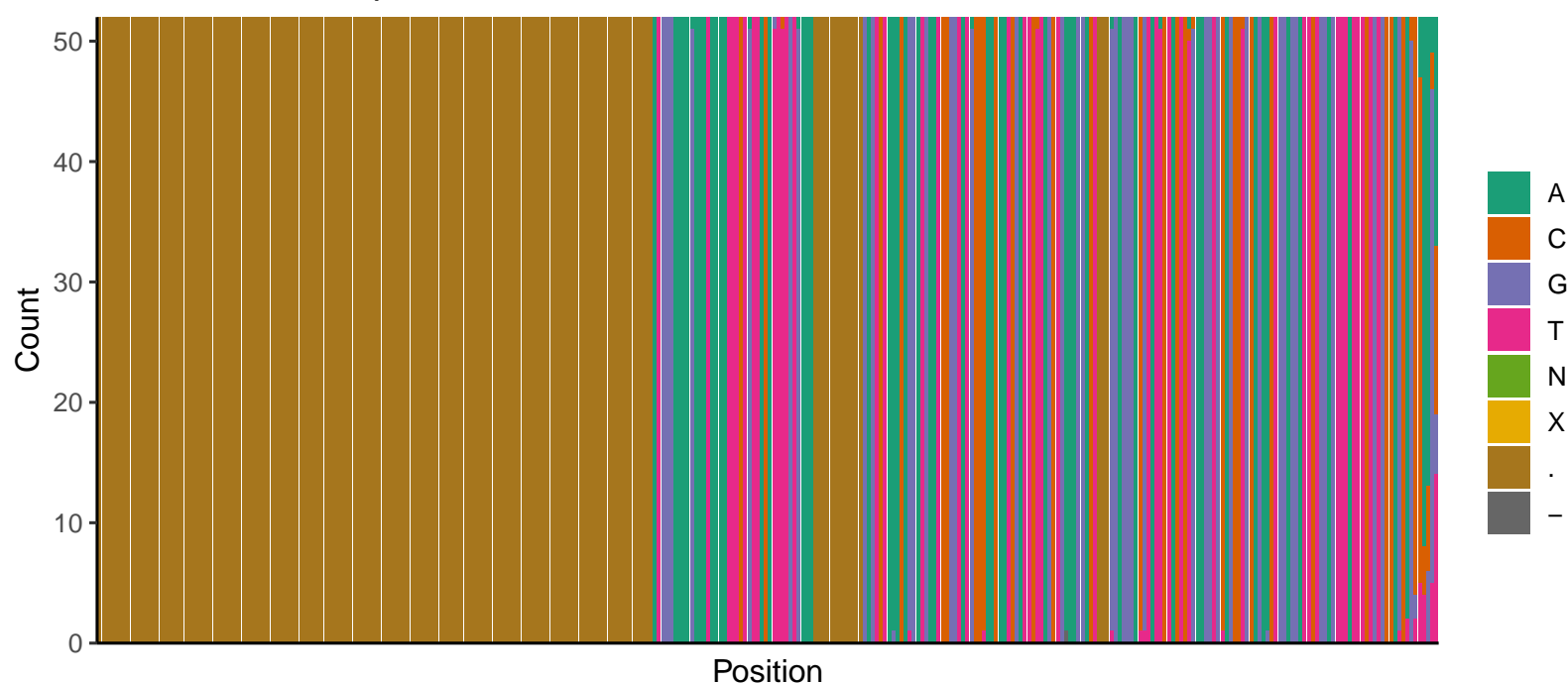
Gene TRBV20-1\*bp04\_322GA323



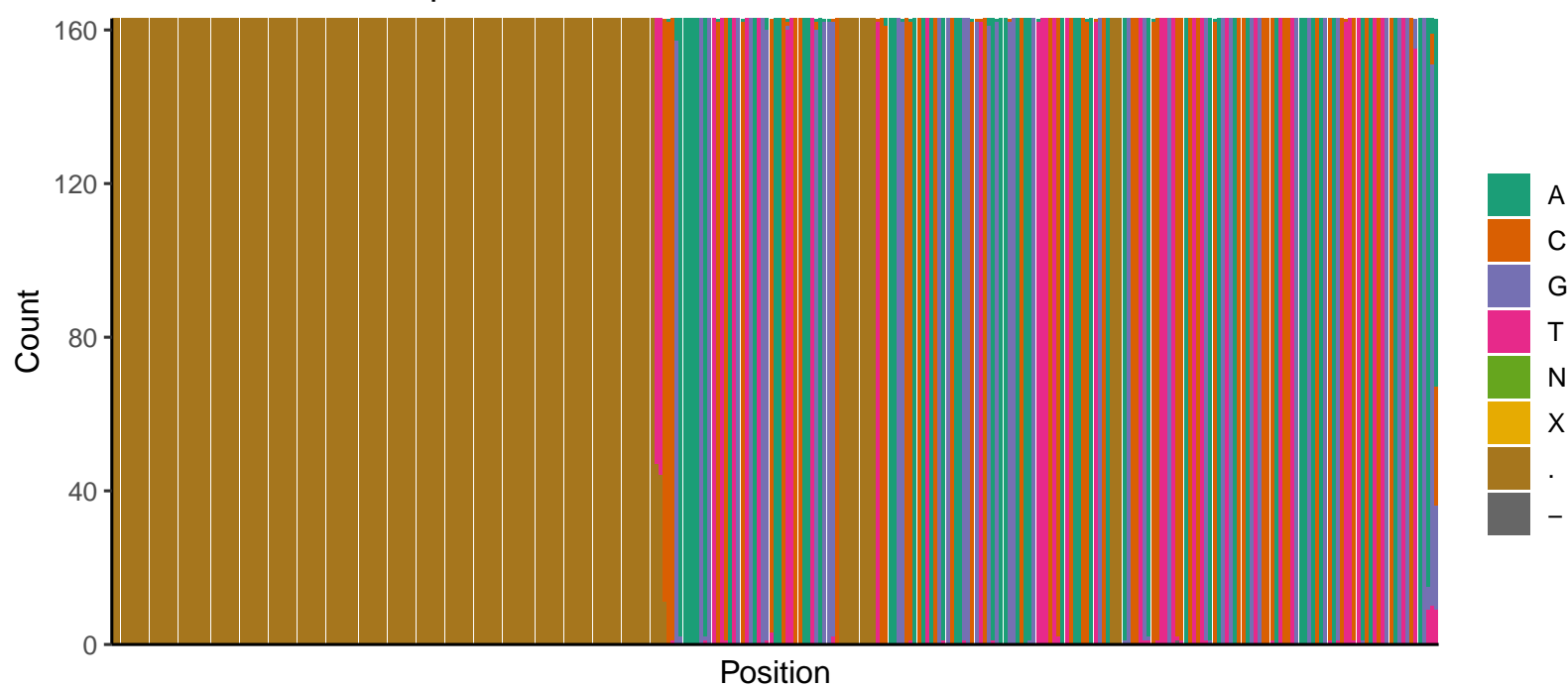
Gene TRBV10–3\*bp02\_313GCCATCAGTGAGTC326



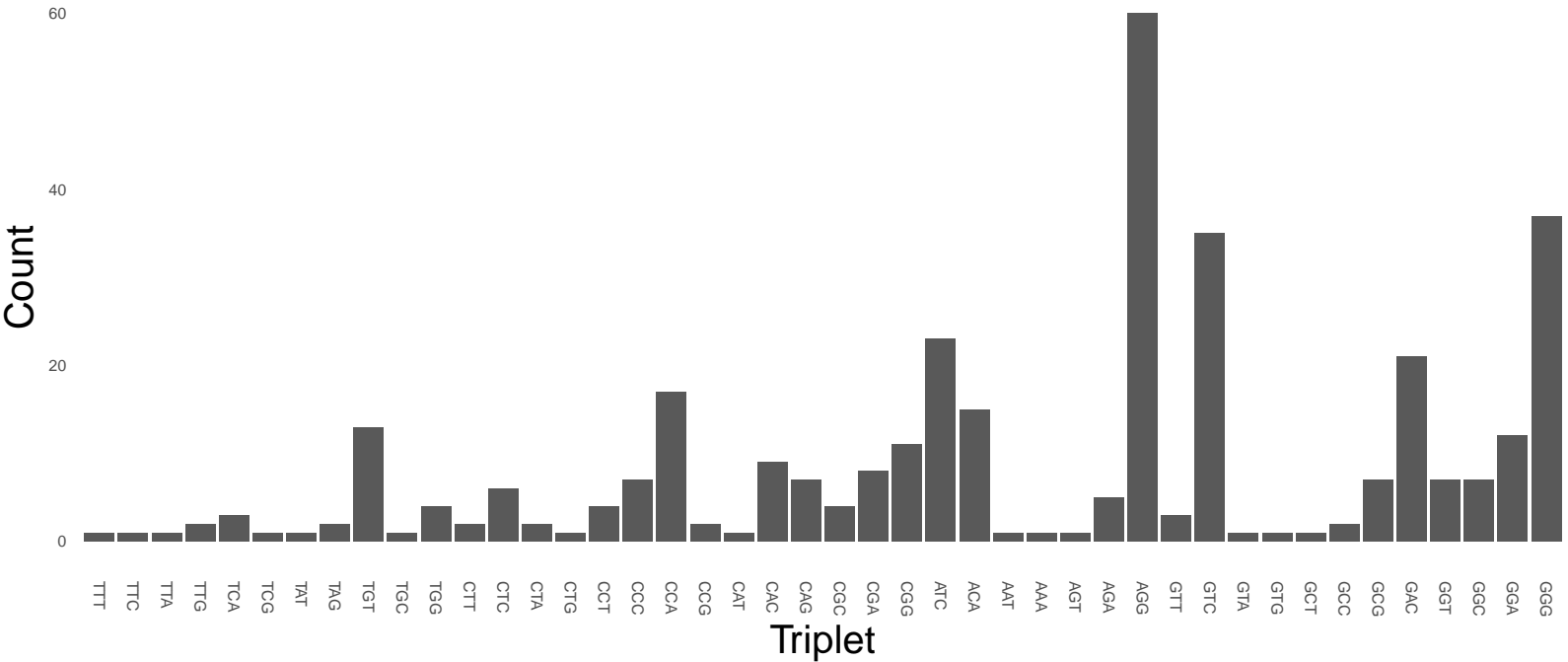
Gene TRBV14\*bp02\_322CAAGA326



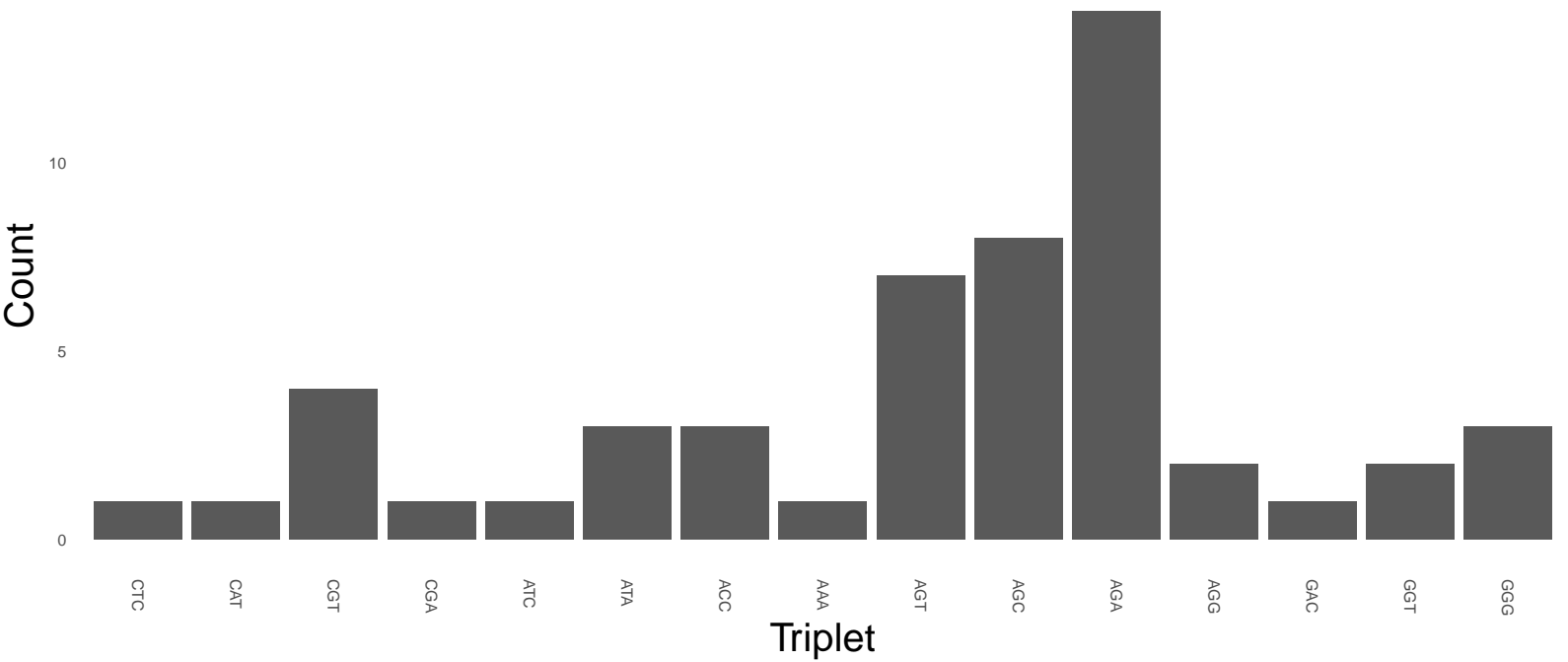
Gene TRBV20–1\*bp04\_322GA323



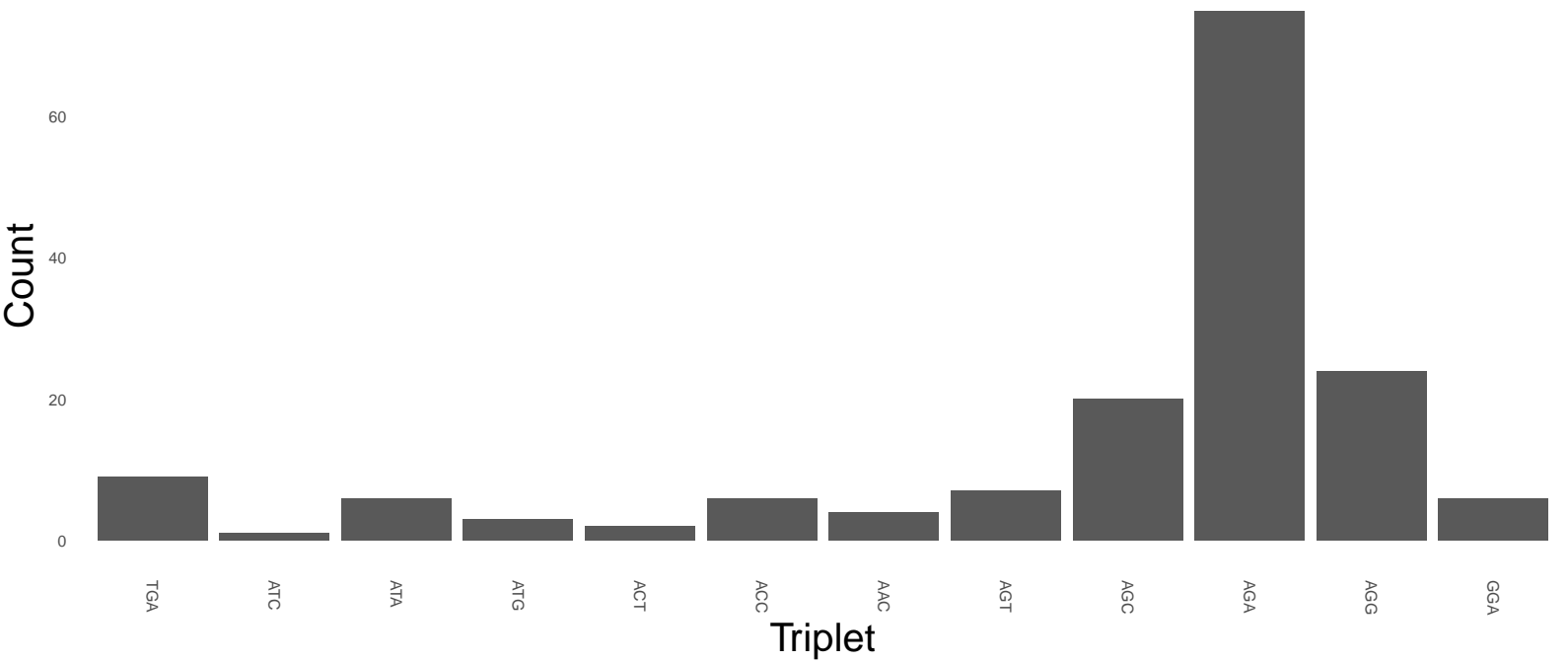
TRBV10–3\*bp02\_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



TRBV14\*bp02\_322CAAGA326– Final 3 nucleotides as a triplet

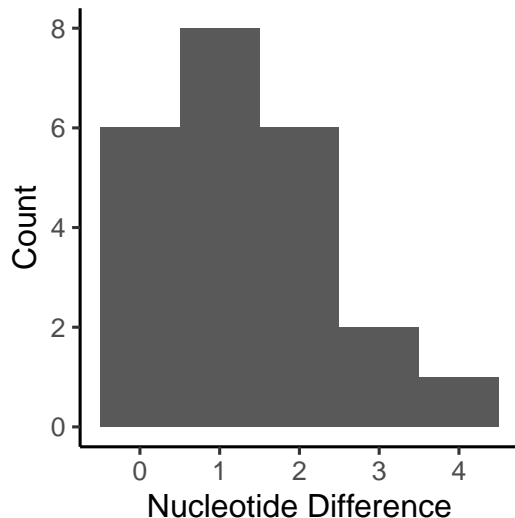


TRBV20–1\*bp04\_322GA323– Final 3 nucleotides as a triplet



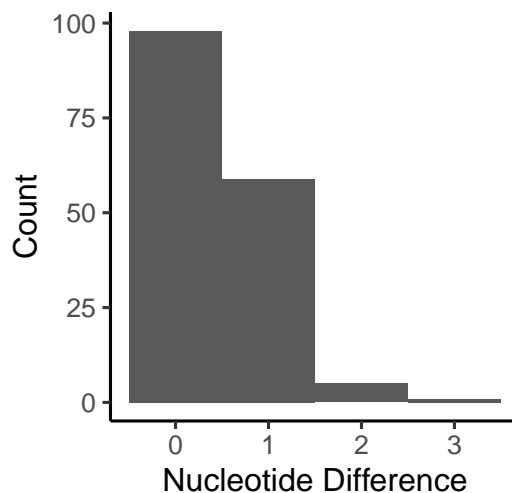
### TRBV10–1\*bp01

23 sequences assigned  
6 (26.1%) exact matches, in which:  
6 unique CDR3  
6 unique J



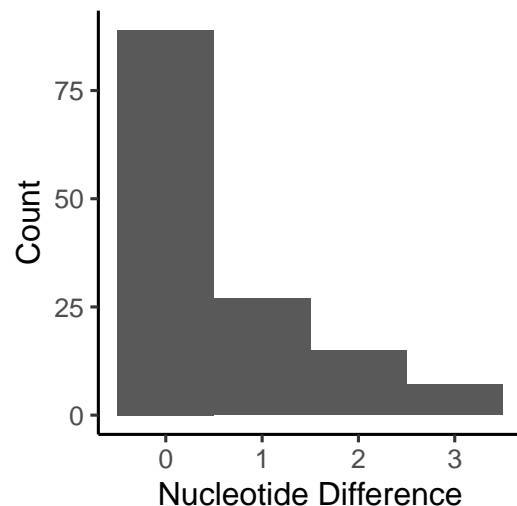
### TRBV20–1\*bp04\_322GA:

163 sequences assigned  
98 (60.1%) exact matches, in which:  
65 unique CDR3  
12 unique J



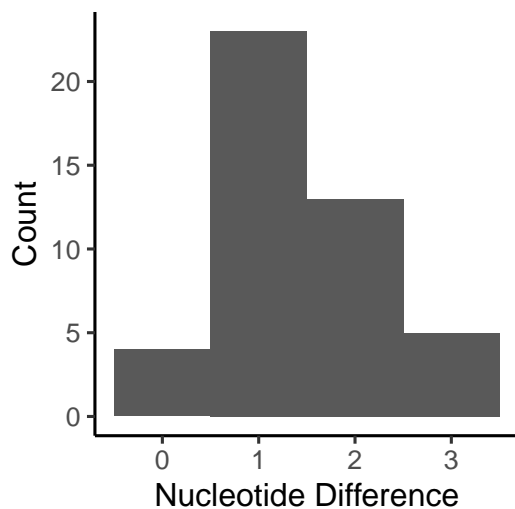
### TRBV13\*bp01

138 sequences assigned  
89 (64.5%) exact matches, in which:  
76 unique CDR3  
10 unique J



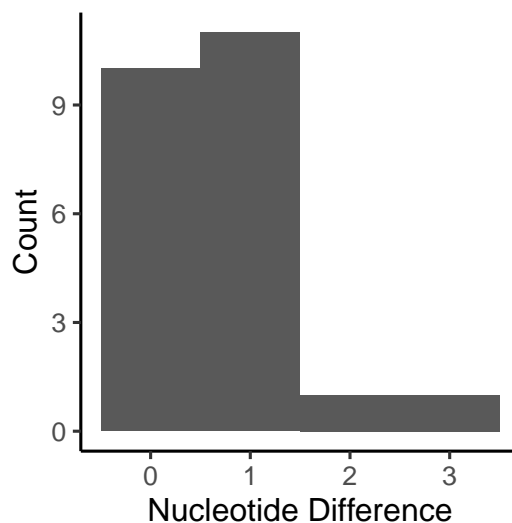
### TRBV10–1\*bp02

45 sequences assigned  
4 (8.9%) exact matches, in which:  
4 unique CDR3  
3 unique J



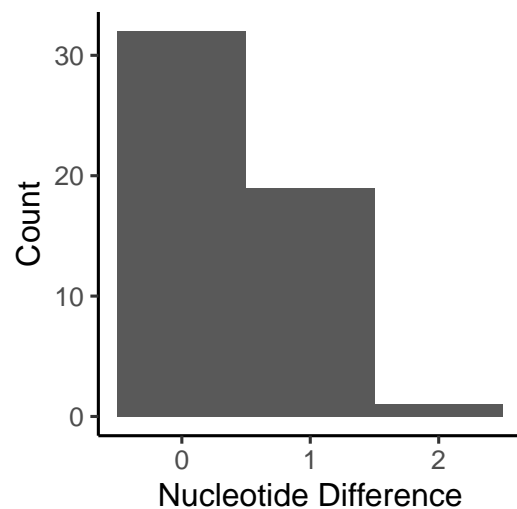
### TRBV10–2\*bp01

23 sequences assigned  
10 (43.5%) exact matches, in which:  
7 unique CDR3  
7 unique J



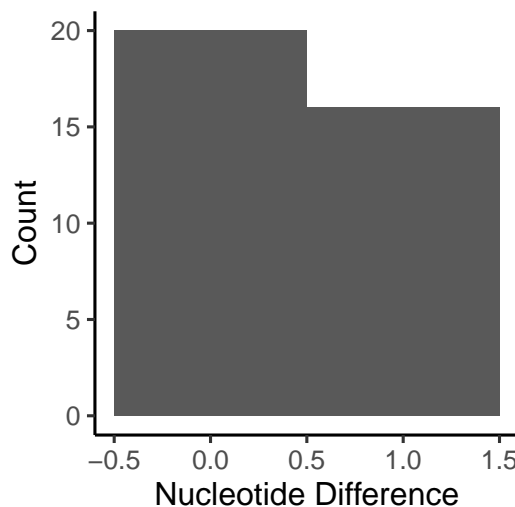
### TRBV14\*bp02\_322CAAGA

52 sequences assigned  
32 (61.5%) exact matches, in which:  
24 unique CDR3  
11 unique J



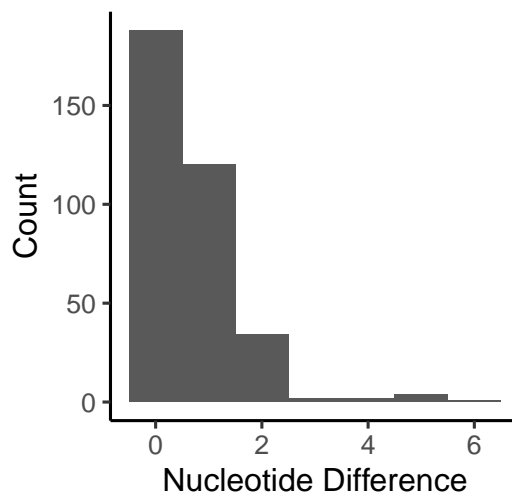
### TRBV20–1\*bp03

36 sequences assigned  
20 (55.6%) exact matches, in which:  
8 unique CDR3  
5 unique J



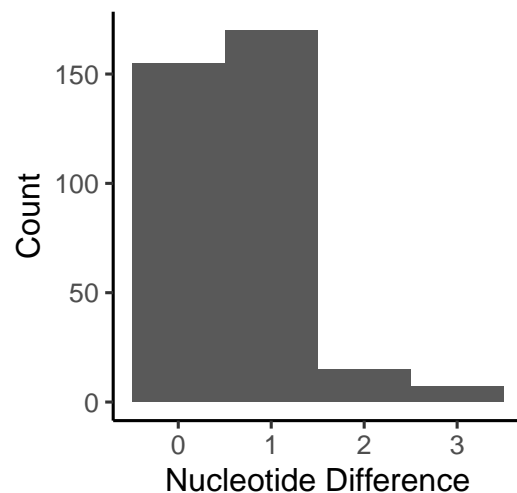
### TRBV10–3\*bp02\_313GC

351 sequences assigned  
188 (53.6%) exact matches, in which:  
135 unique CDR3  
14 unique J



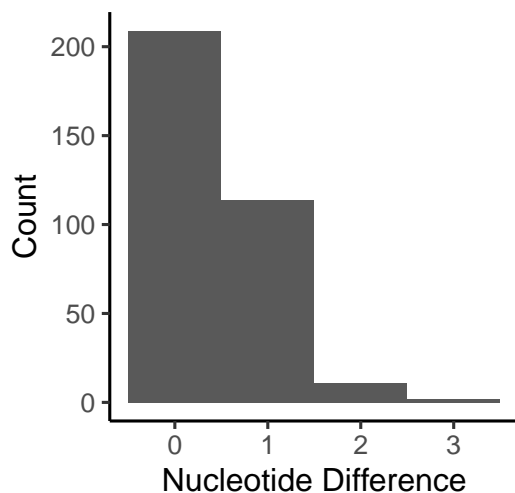
### TRBV15\*bp02

347 sequences assigned  
155 (44.7%) exact matches, in which:  
80 unique CDR3  
10 unique J



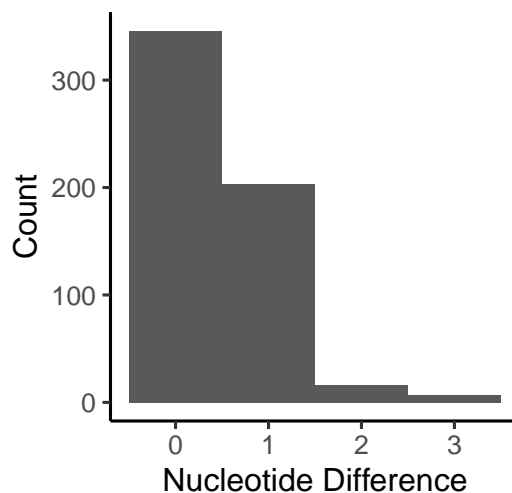
### TRBV18\*bp01

336 sequences assigned  
209 (62.2%) exact matches, in which:  
127 unique CDR3  
11 unique J



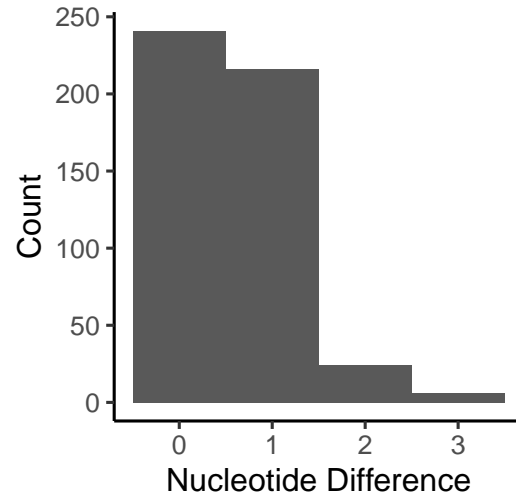
### TRBV27\*bp01

572 sequences assigned  
346 (60.5%) exact matches, in which:  
287 unique CDR3  
15 unique J



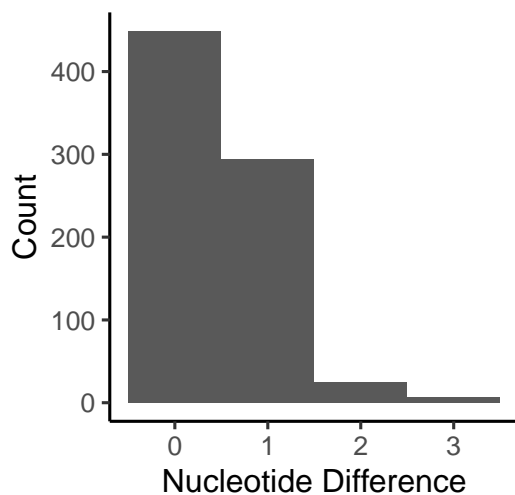
### TRBV30\*bp02

487 sequences assigned  
241 (49.5%) exact matches, in which:  
122 unique CDR3  
14 unique J



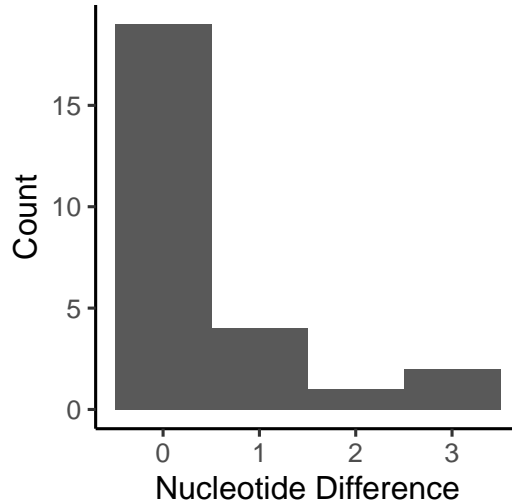
### TRBV19\*bp01

775 sequences assigned  
449 (57.9%) exact matches, in which:  
286 unique CDR3  
15 unique J



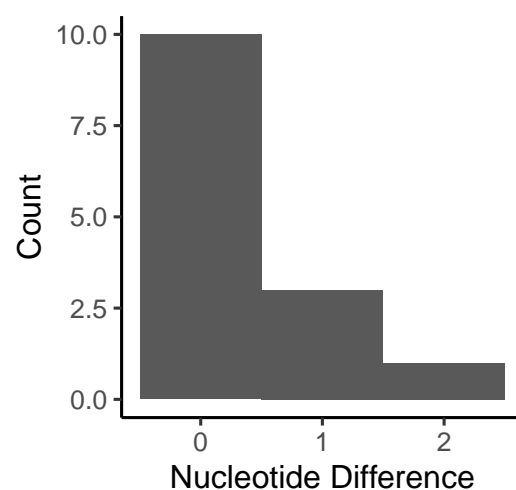
### TRBV28\*bp01

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



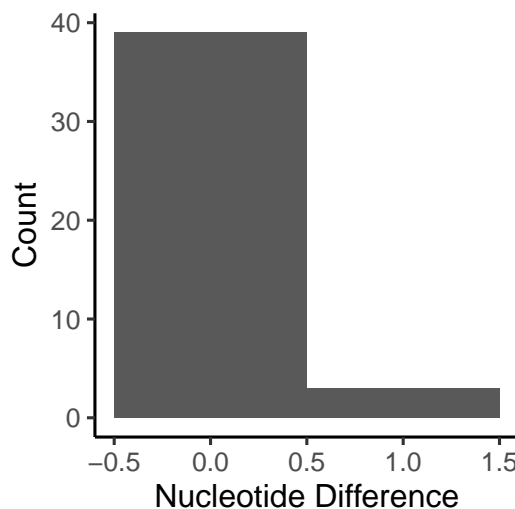
### TRBV9\*bp01

14 sequences assigned  
10 (71.4%) exact matches, in which:  
9 unique CDR3  
7 unique J



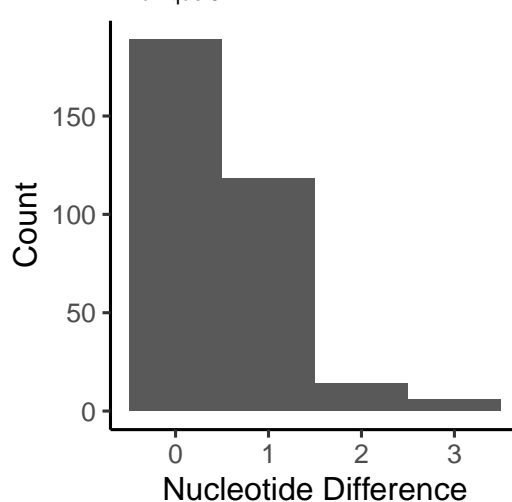
### TRBV2\*bp01

42 sequences assigned  
39 (92.9%) exact matches, in which:  
36 unique CDR3  
12 unique J



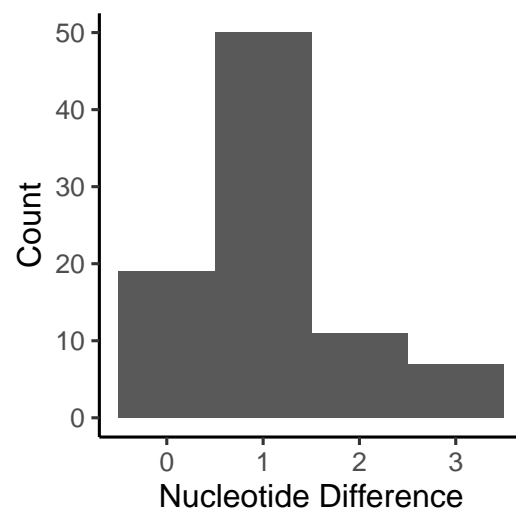
### TRBV30\*bp01

327 sequences assigned  
189 (57.8%) exact matches, in which:  
93 unique CDR3  
14 unique J



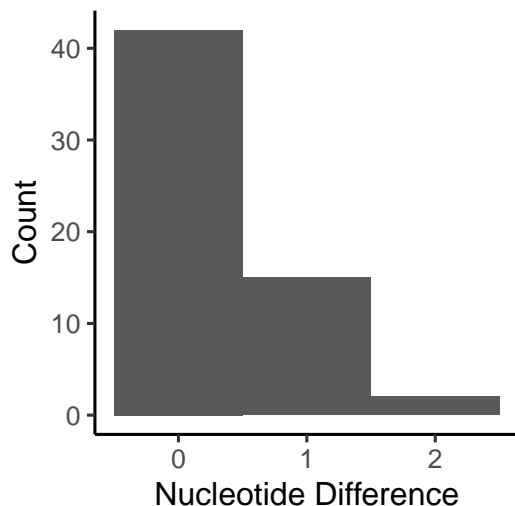
### TRBV11-1\*bp01

87 sequences assigned  
19 (21.8%) exact matches, in which:  
11 unique CDR3  
8 unique J



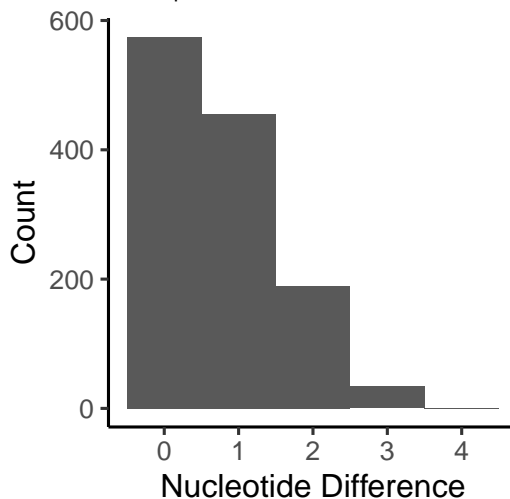
### TRBV21-1\*bp01

59 sequences assigned  
42 (71.2%) exact matches, in which:  
33 unique CDR3  
12 unique J



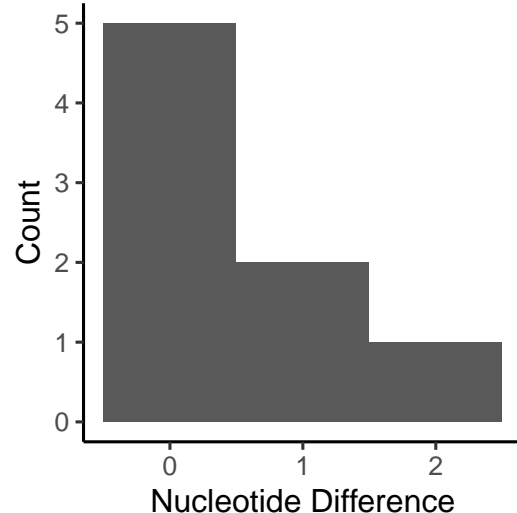
### TRBV11-3\*bp01

1255 sequences assigned  
575 (45.8%) exact matches, in which:  
390 unique CDR3  
15 unique J



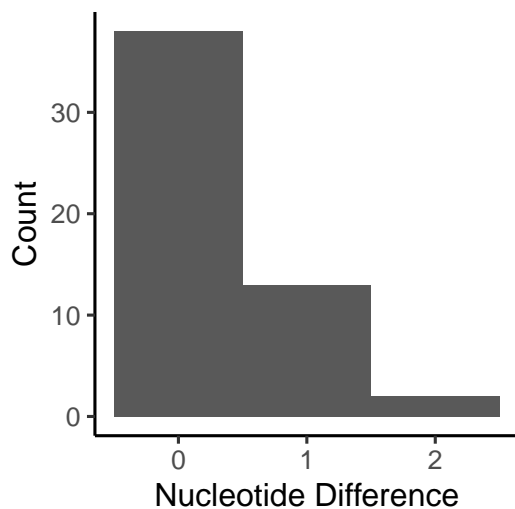
### TRBV23-1\*bp01

8 sequences assigned  
5 (62.5%) exact matches, in which:  
5 unique CDR3  
5 unique J



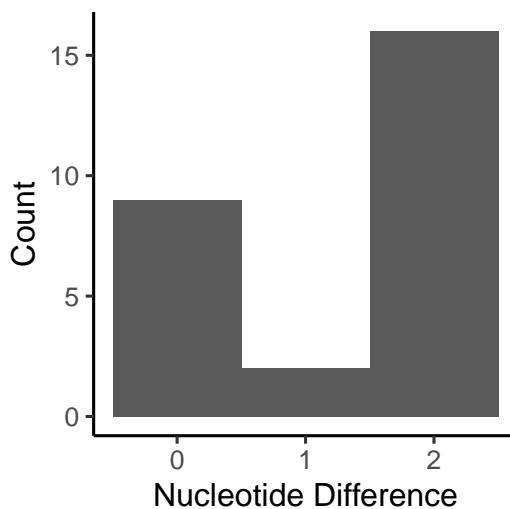
### TRBV21-1\*bp02

53 sequences assigned  
38 (71.7%) exact matches, in which:  
34 unique CDR3  
12 unique J



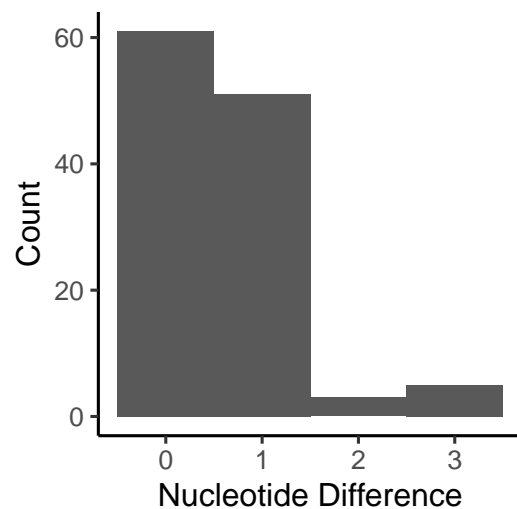
### TRBV12-5\*bp01

27 sequences assigned  
9 (33.3%) exact matches, in which:  
8 unique CDR3  
7 unique J



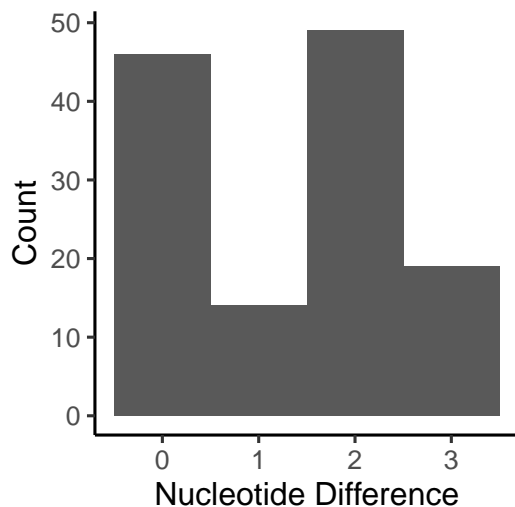
### TRBV24-1\*bp01

120 sequences assigned  
61 (50.8%) exact matches, in which:  
44 unique CDR3  
12 unique J



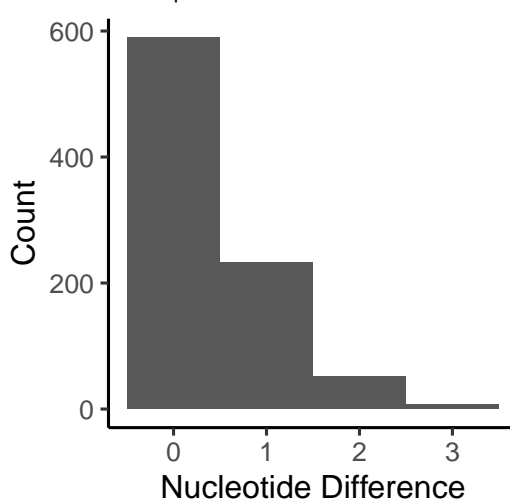
### TRBV11-2\*bp01

128 sequences assigned  
46 (35.9%) exact matches, in which:  
34 unique CDR3  
9 unique J



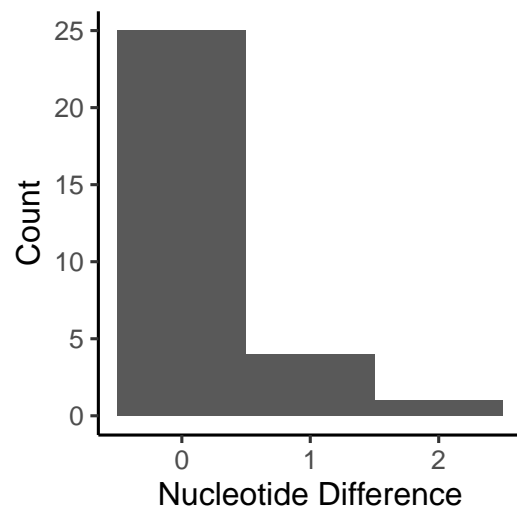
### TRBV12-34\*bp01

880 sequences assigned  
590 (67%) exact matches, in which:  
350 unique CDR3  
15 unique J



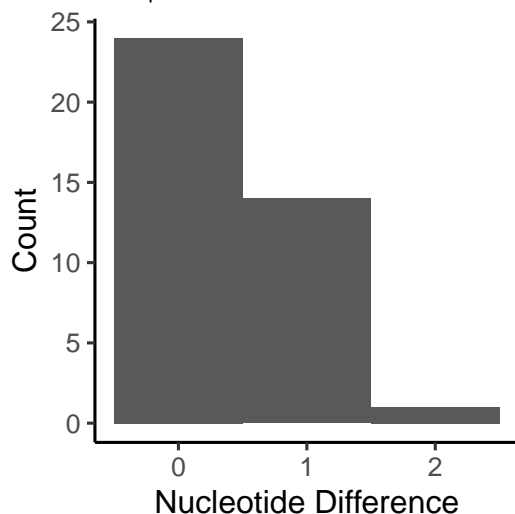
### TRBV4-1\*bp01

30 sequences assigned  
25 (83.3%) exact matches, in which:  
22 unique CDR3  
9 unique J



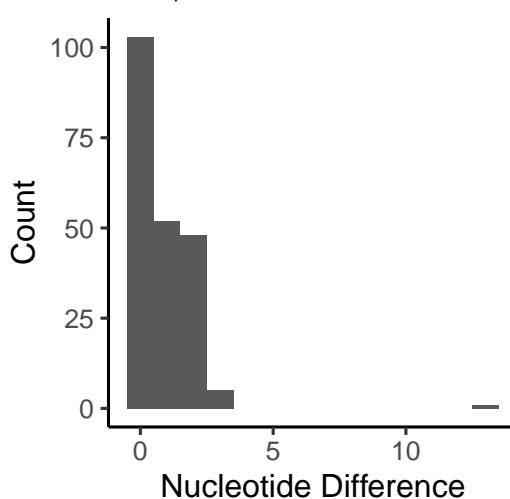
### TRBV24–1\*bp02

39 sequences assigned  
24 (61.5%) exact matches, in which:  
18 unique CDR3  
7 unique J



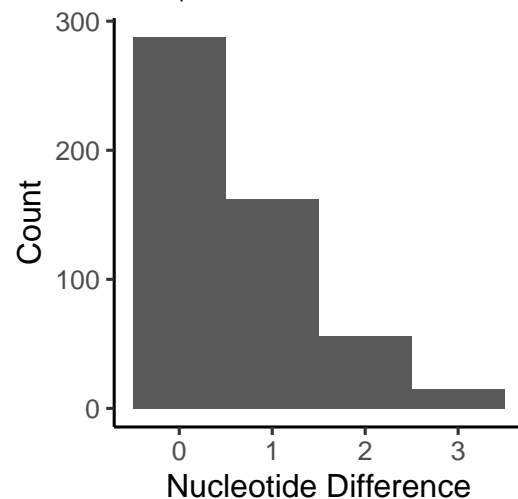
### TRBV5–1\*bp01

209 sequences assigned  
103 (49.3%) exact matches, in which:  
74 unique CDR3  
15 unique J



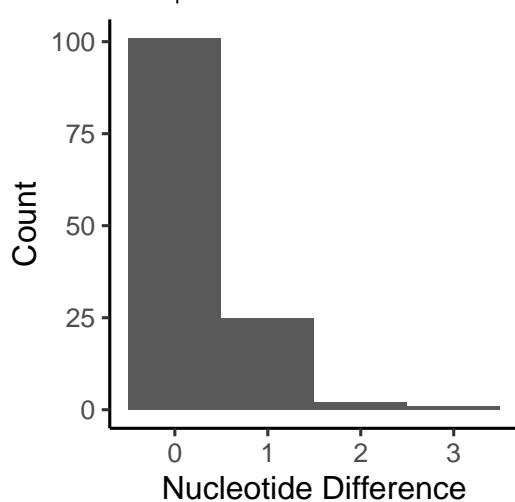
### TRBV5–4\*bp01

521 sequences assigned  
288 (55.3%) exact matches, in which:  
208 unique CDR3  
15 unique J



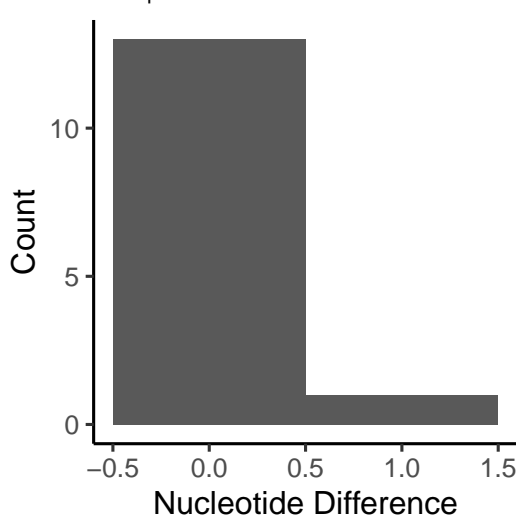
### TRBV4–2\*bp01

129 sequences assigned  
101 (78.3%) exact matches, in which:  
82 unique CDR3  
15 unique J



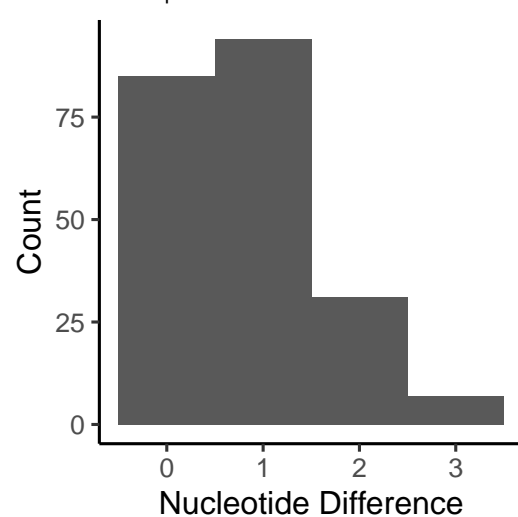
### TRBV25–1\*bp01

14 sequences assigned  
13 (92.9%) exact matches, in which:  
8 unique CDR3  
7 unique J



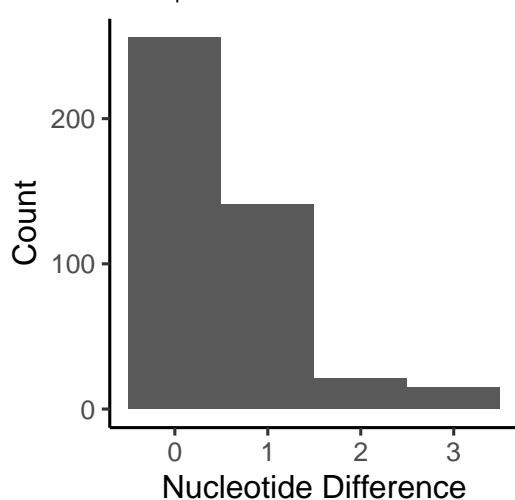
### TRBV5–5\*bp01

217 sequences assigned  
85 (39.2%) exact matches, in which:  
64 unique CDR3  
15 unique J



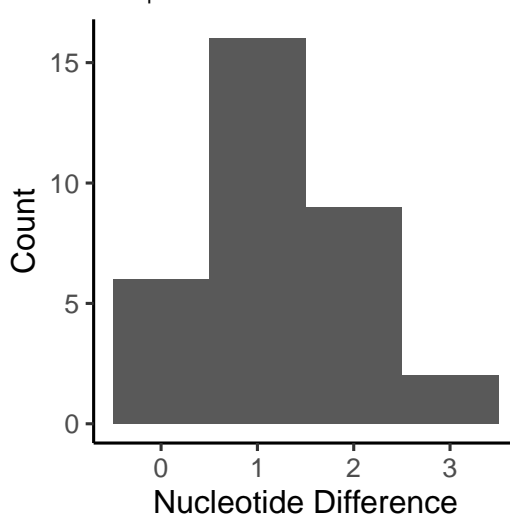
### TRBV4–3\*bp01

433 sequences assigned  
256 (59.1%) exact matches, in which:  
183 unique CDR3  
15 unique J



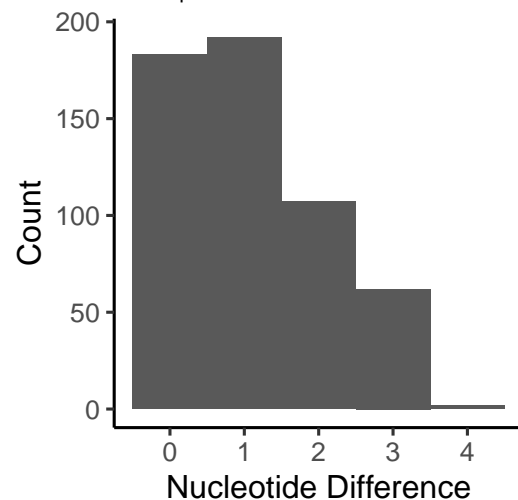
### TRBV5–3\*bp01

33 sequences assigned  
6 (18.2%) exact matches, in which:  
3 unique CDR3  
3 unique J



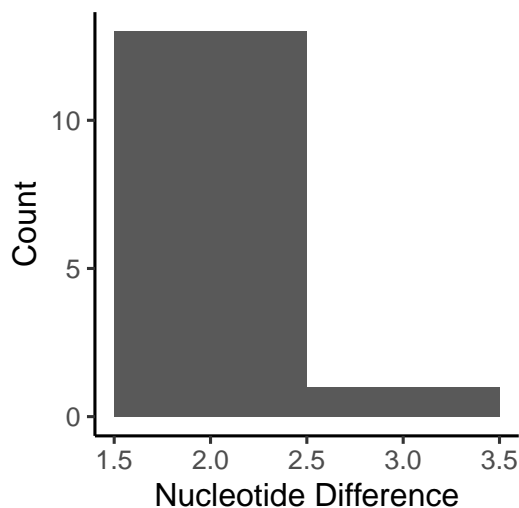
### TRBV5–6\*bp01

546 sequences assigned  
183 (33.5%) exact matches, in which:  
143 unique CDR3  
15 unique J



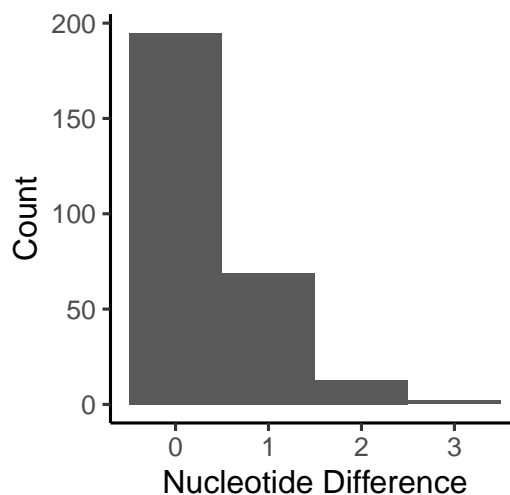
### TRBV5-7\*bp01

14 sequences assigned  
No exact matches.



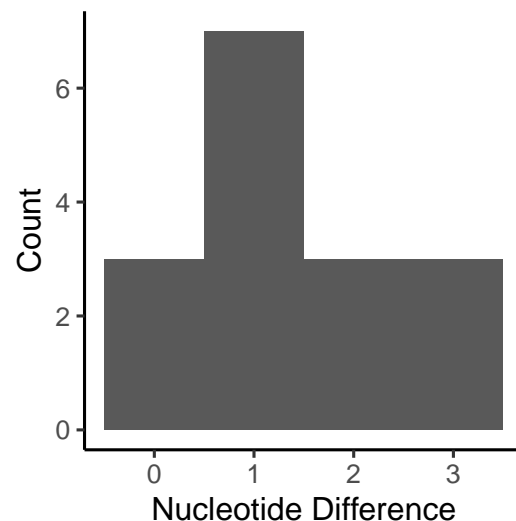
### TRBV6-4\*bp01

279 sequences assigned  
195 (69.9%) exact matches, in which:  
151 unique CDR3  
15 unique J



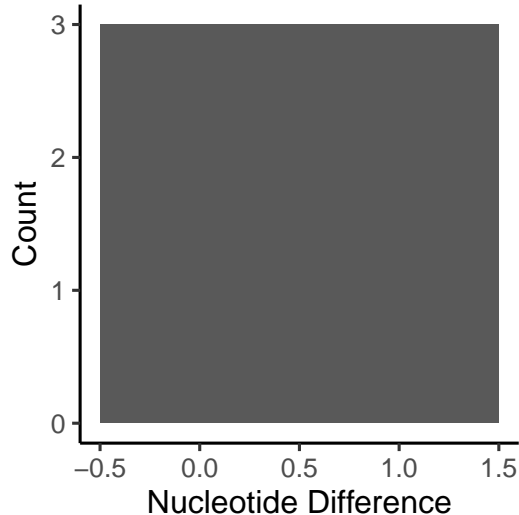
### TRBV6-8\*bp01

16 sequences assigned  
3 (18.8%) exact matches, in which:  
3 unique CDR3  
2 unique J



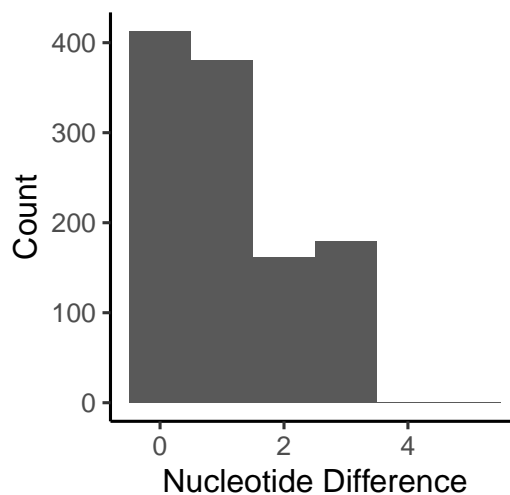
### TRBV5-8\*bp01

6 sequences assigned  
3 (50%) exact matches, in which:  
3 unique CDR3  
2 unique J



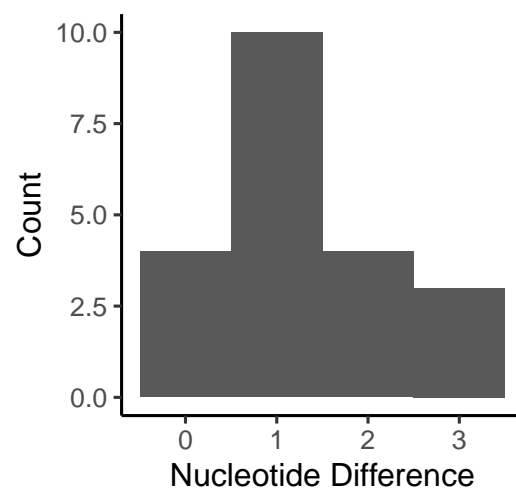
### TRBV6-5\*bp01

1137 sequences assigned  
413 (36.3%) exact matches, in which:  
320 unique CDR3  
14 unique J



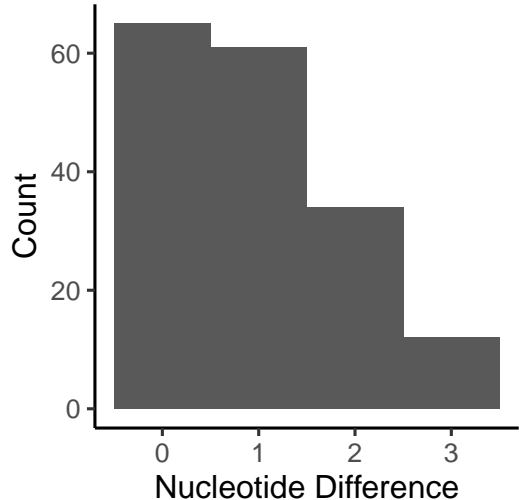
### TRBV6-9\*bp01

21 sequences assigned  
4 (19%) exact matches, in which:  
4 unique CDR3  
3 unique J



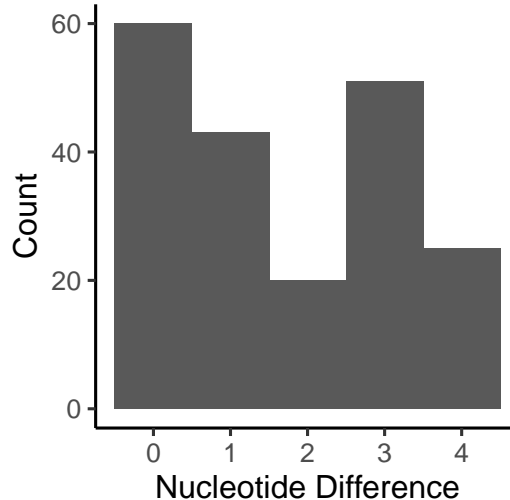
### TRBV6-1\*bp01

172 sequences assigned  
65 (37.8%) exact matches, in which:  
59 unique CDR3  
12 unique J



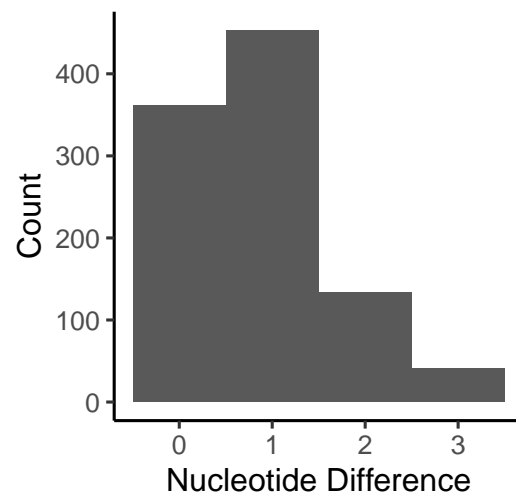
### TRBV6-6\*bp01

199 sequences assigned  
60 (30.2%) exact matches, in which:  
56 unique CDR3  
13 unique J



### TRBV6-23\*bp01

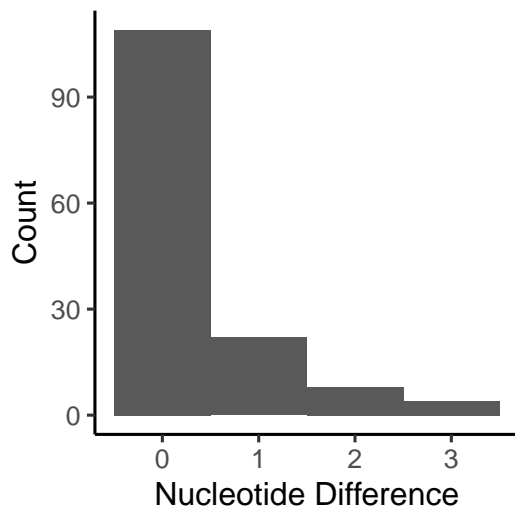
991 sequences assigned  
361 (36.4%) exact matches, in which:  
275 unique CDR3  
14 unique J





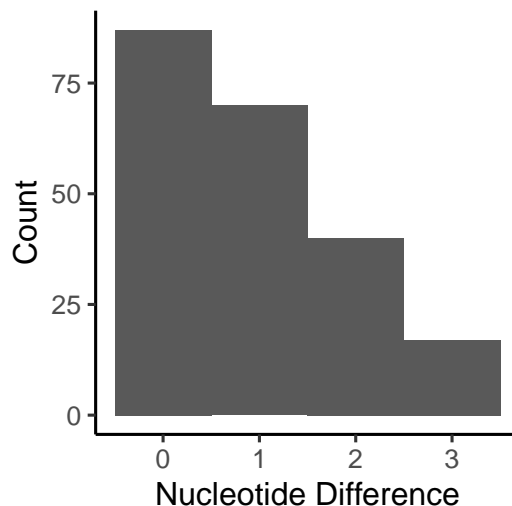
### TRBV7-2\*bp01

143 sequences assigned  
109 (76.2%) exact matches, in which:  
83 unique CDR3  
13 unique J



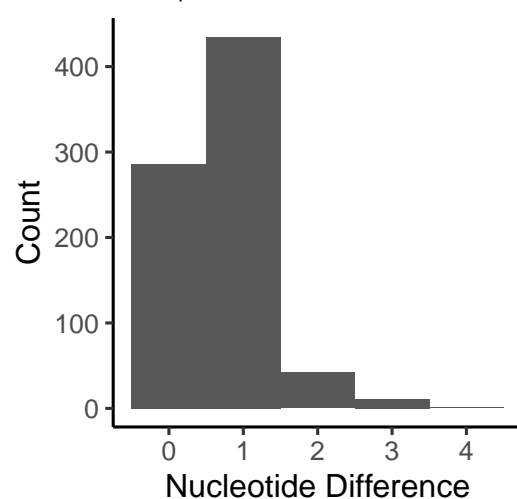
### TRBV7-6\*bp01

214 sequences assigned  
87 (40.7%) exact matches, in which:  
56 unique CDR3  
10 unique J



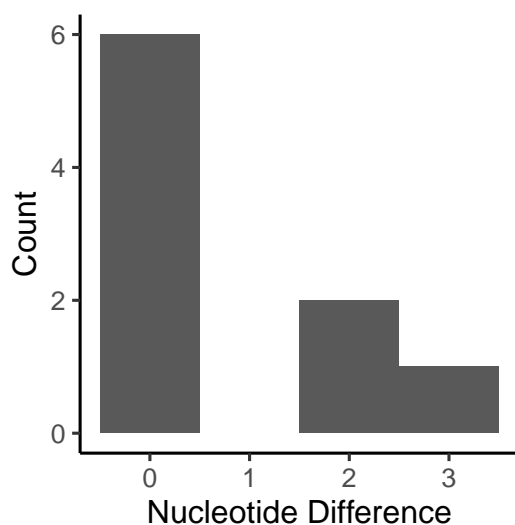
### TRBV29-1\*bp01

775 sequences assigned  
286 (36.9%) exact matches, in which:  
201 unique CDR3  
11 unique J



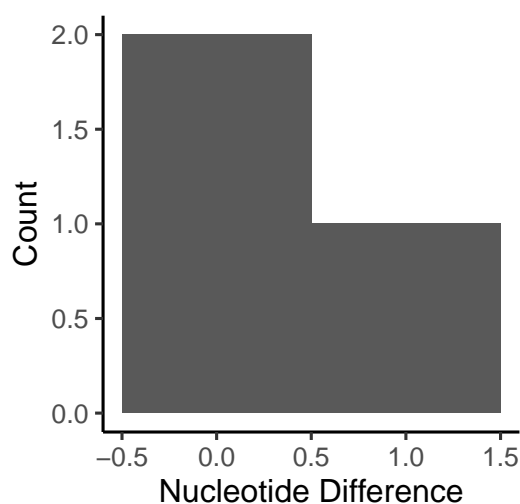
### TRBV7-3\*bp01

9 sequences assigned  
6 (66.7%) exact matches, in which:  
6 unique CDR3  
4 unique J



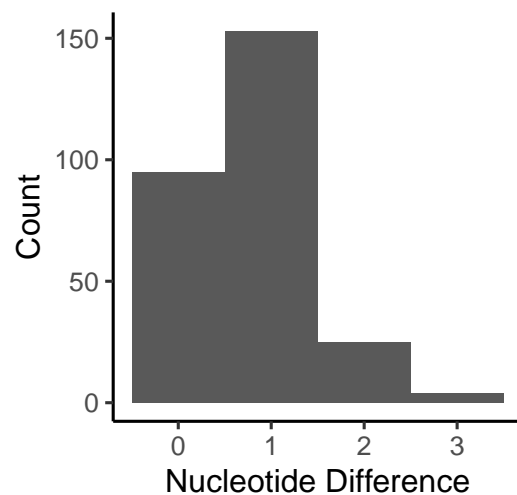
### TRBV7-7\*bp01

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



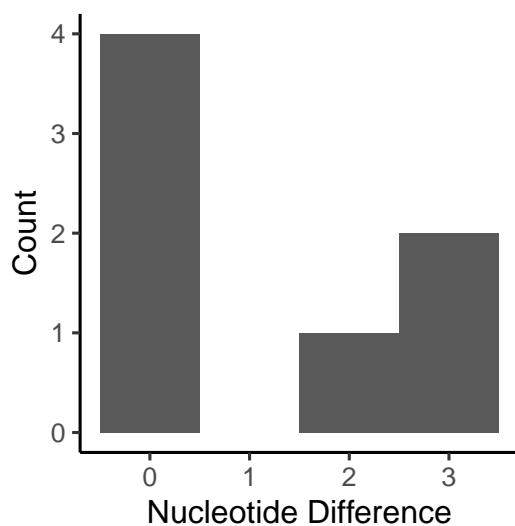
### TRBV29-1\*bp03

277 sequences assigned  
95 (34.3%) exact matches, in which:  
57 unique CDR3  
8 unique J



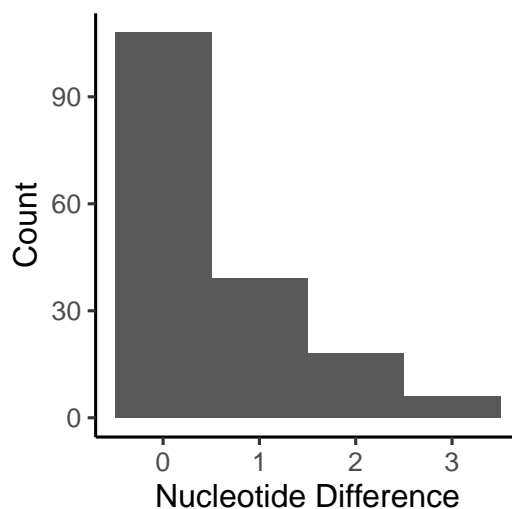
### TRBV7-4\*bp01

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

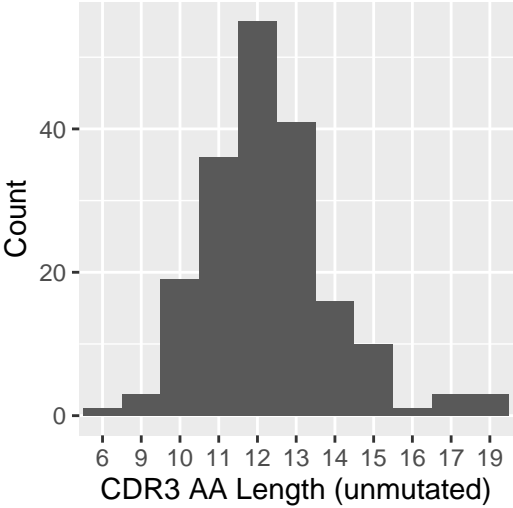


### TRBV7-9\*bp01

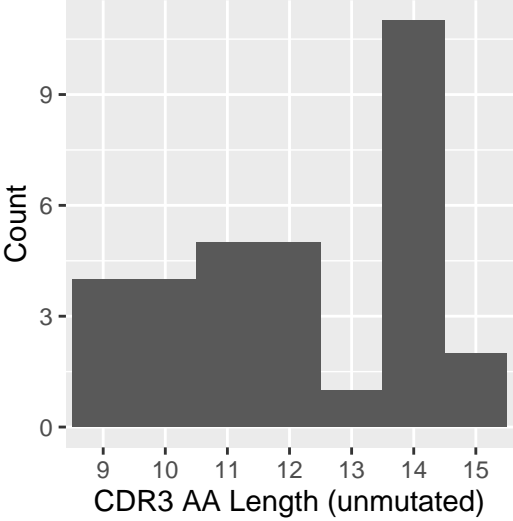
171 sequences assigned  
108 (63.2%) exact matches, in which:  
69 unique CDR3  
14 unique J



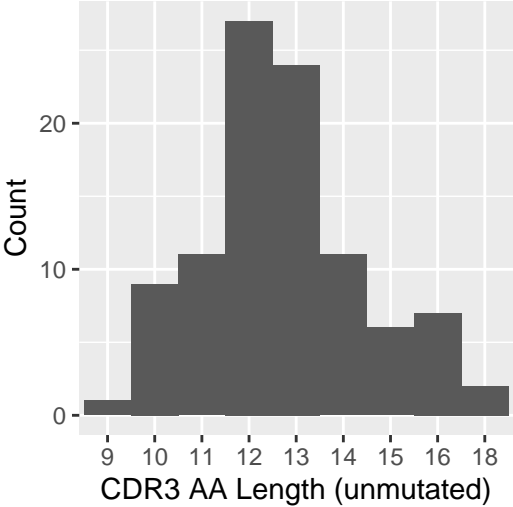
TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



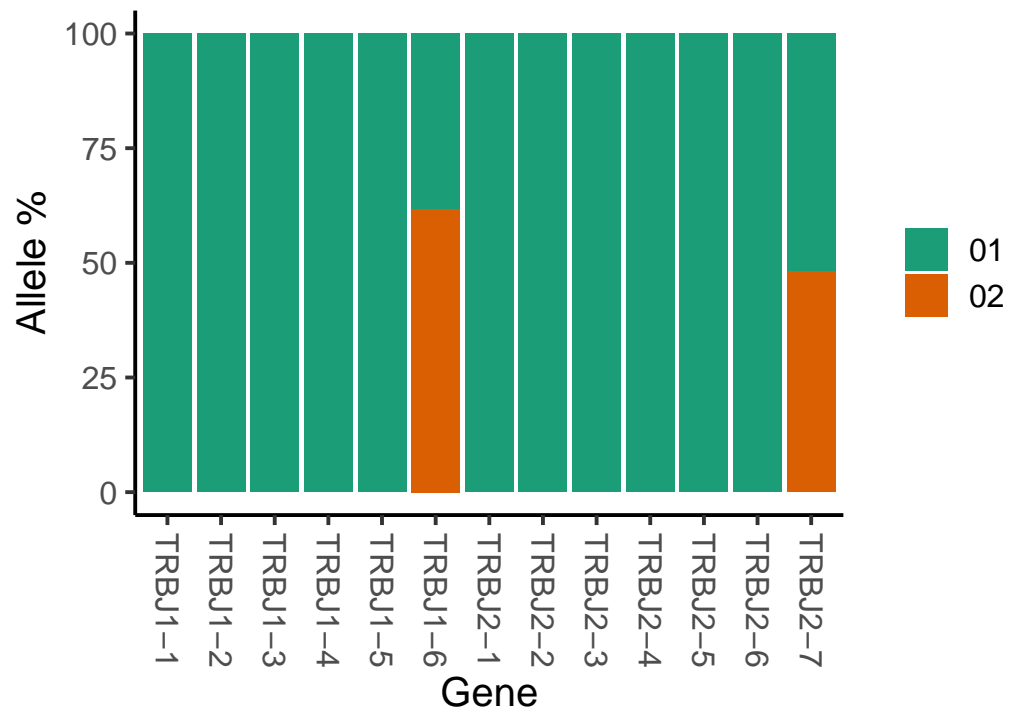
TRBV14\*bp02\_322CAAGA326



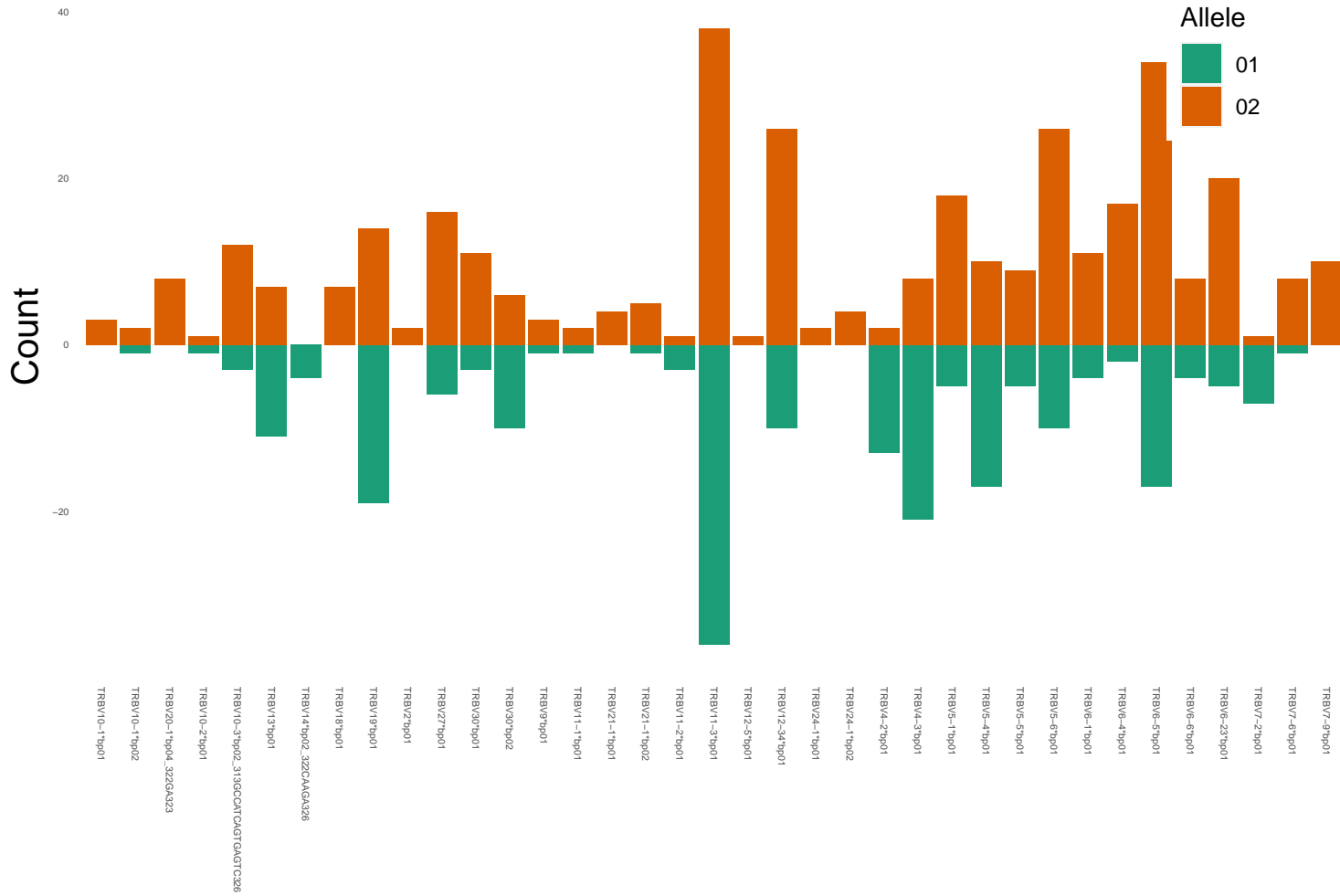
TRBV20-1\*bp04\_322GA323



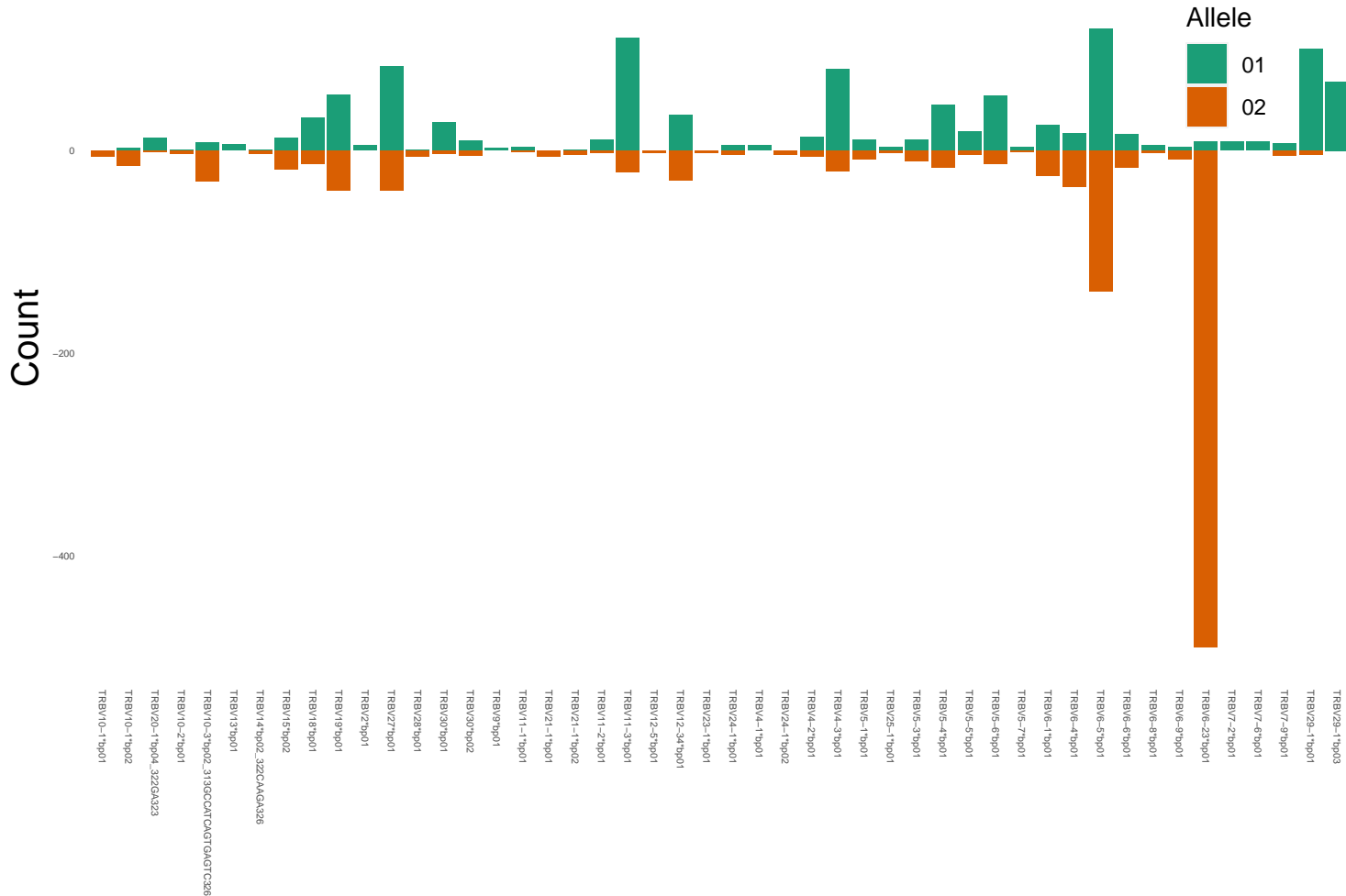
Allele Usage



Sequence Count by TRBJ1–6 allele usage



Sequence Count by TRBJ2-7 allele usage



[illegible]