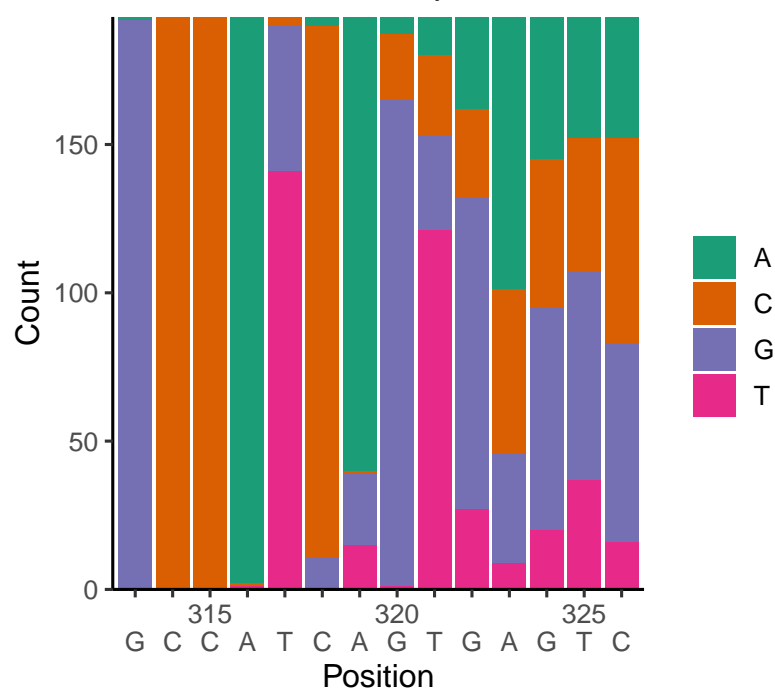
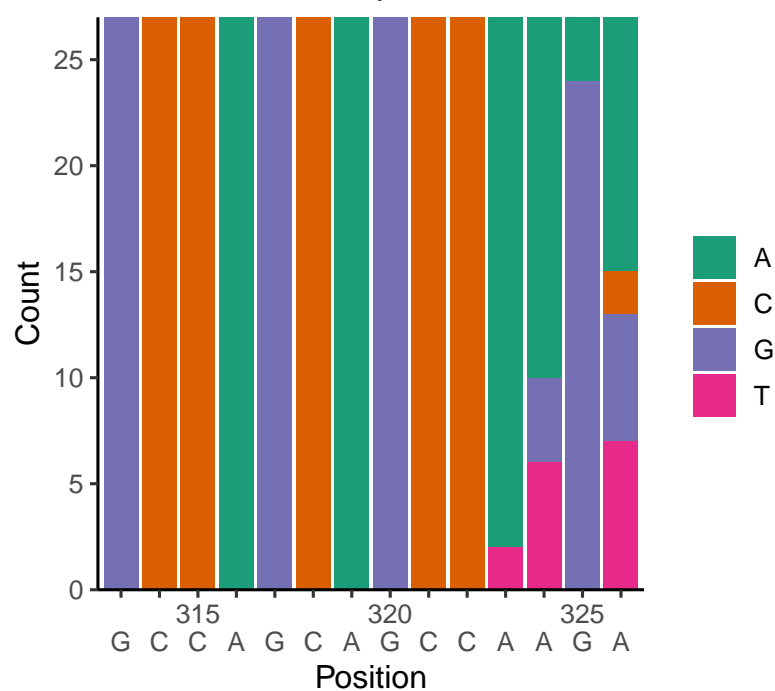


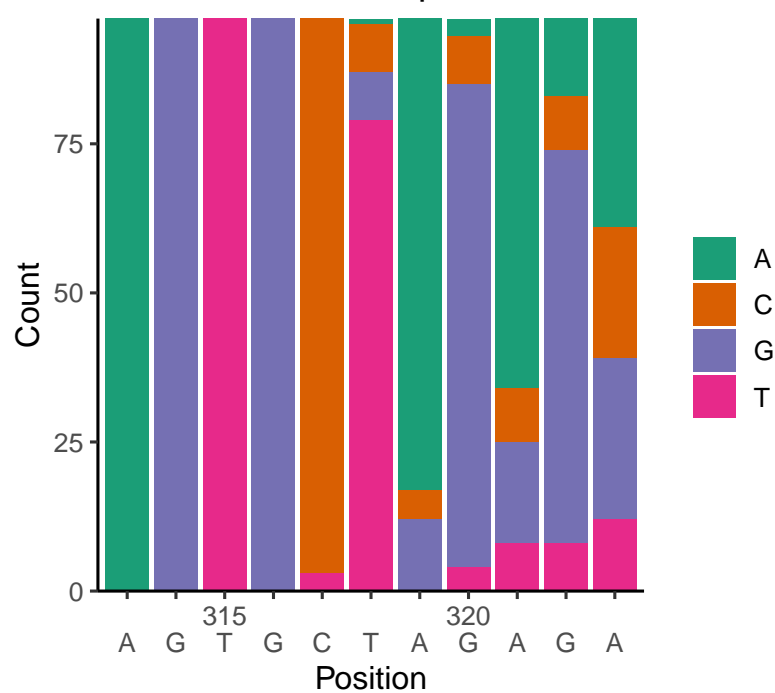
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



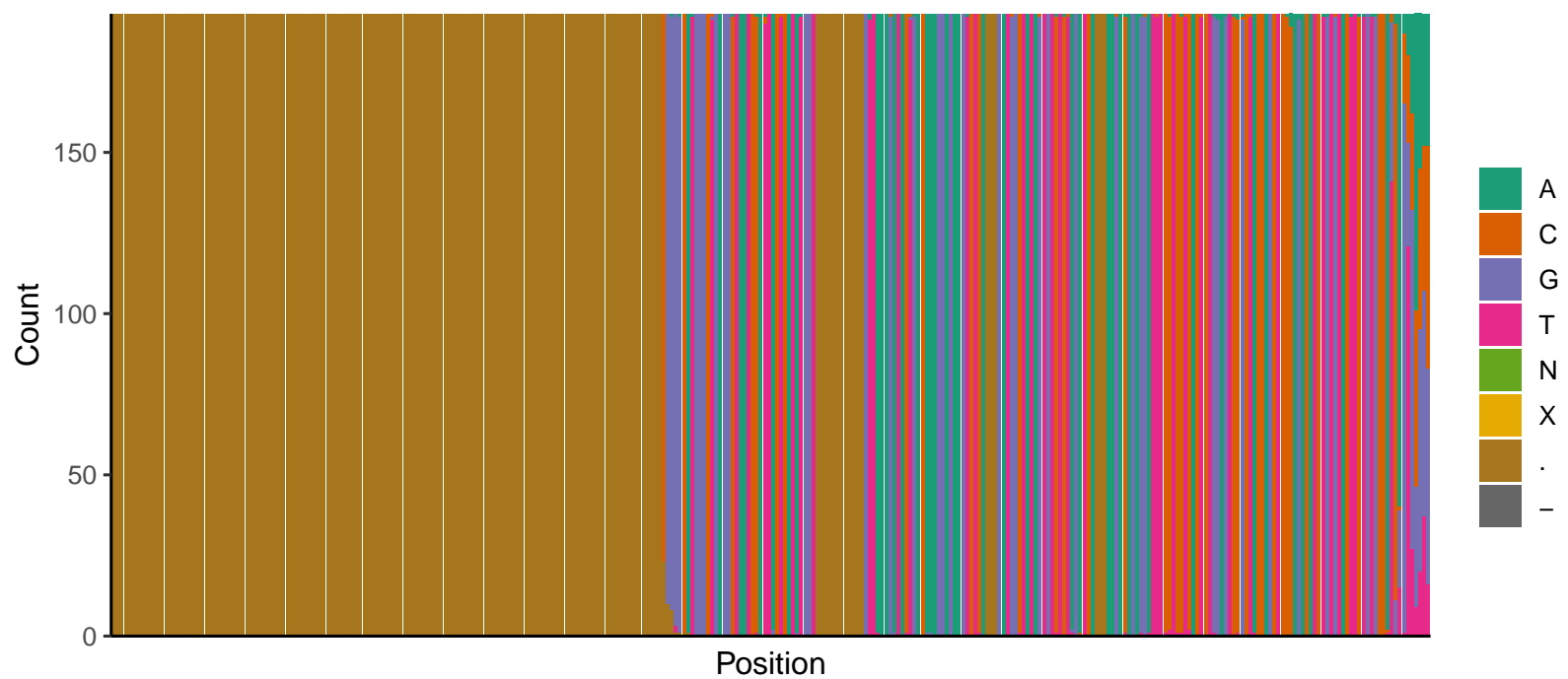
Gene TRBV14\*bp02\_322CAAGA326



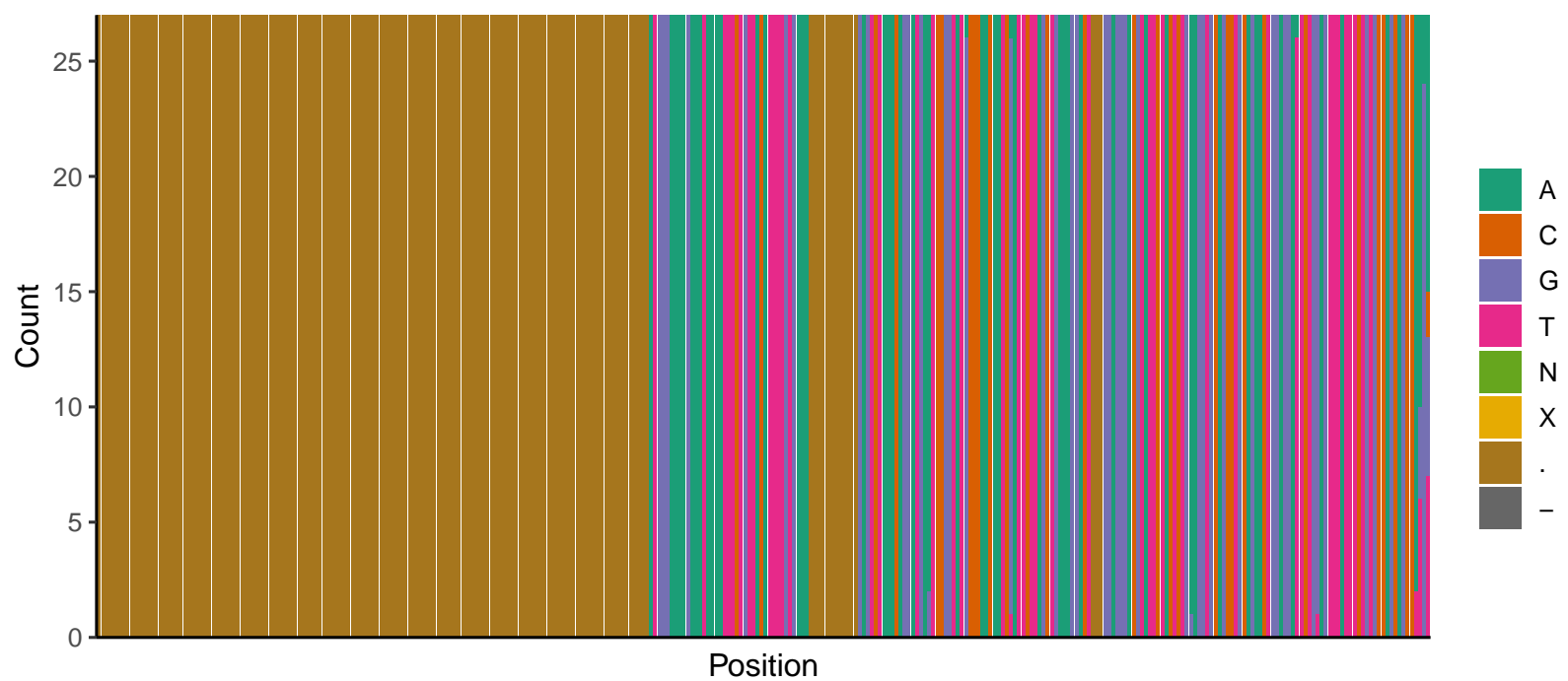
Gene TRBV20-1\*bp04\_322GA323



Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



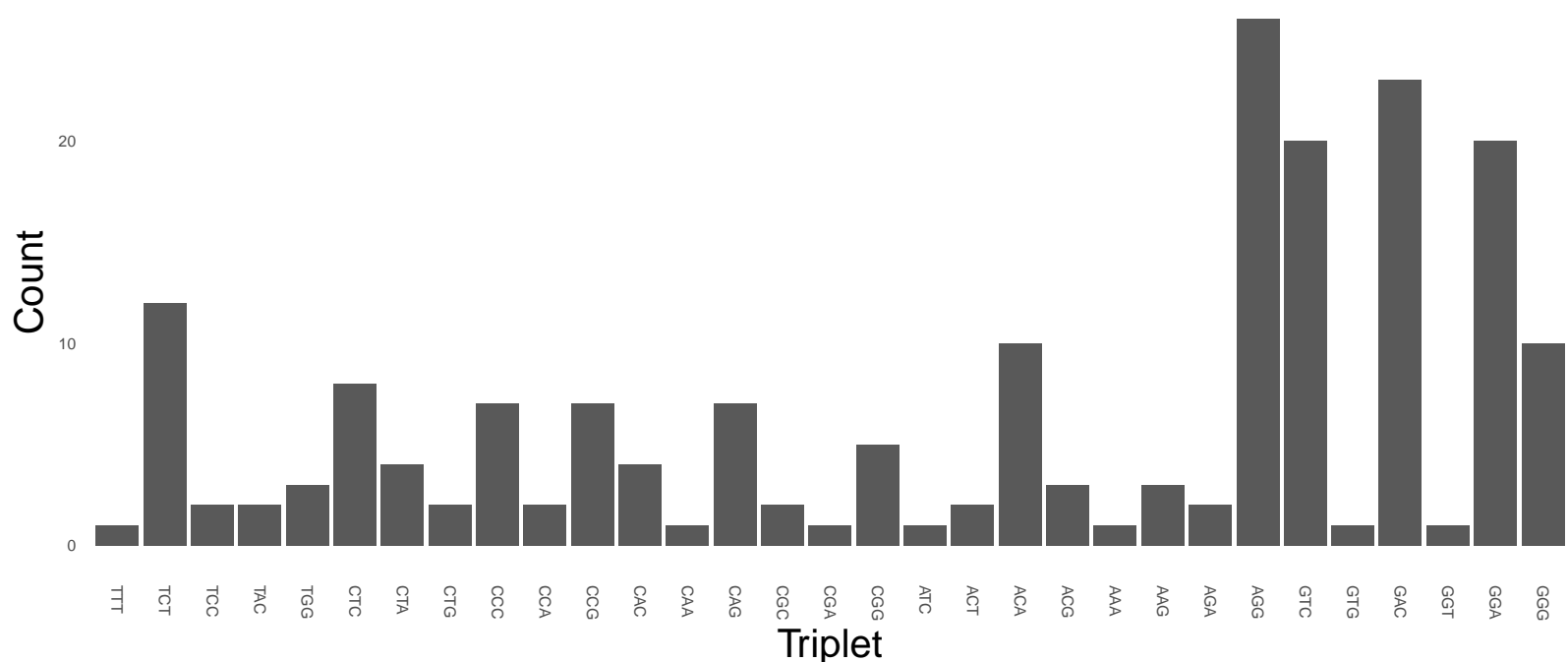
Gene TRBV14\*bp02\_322CAAGA326



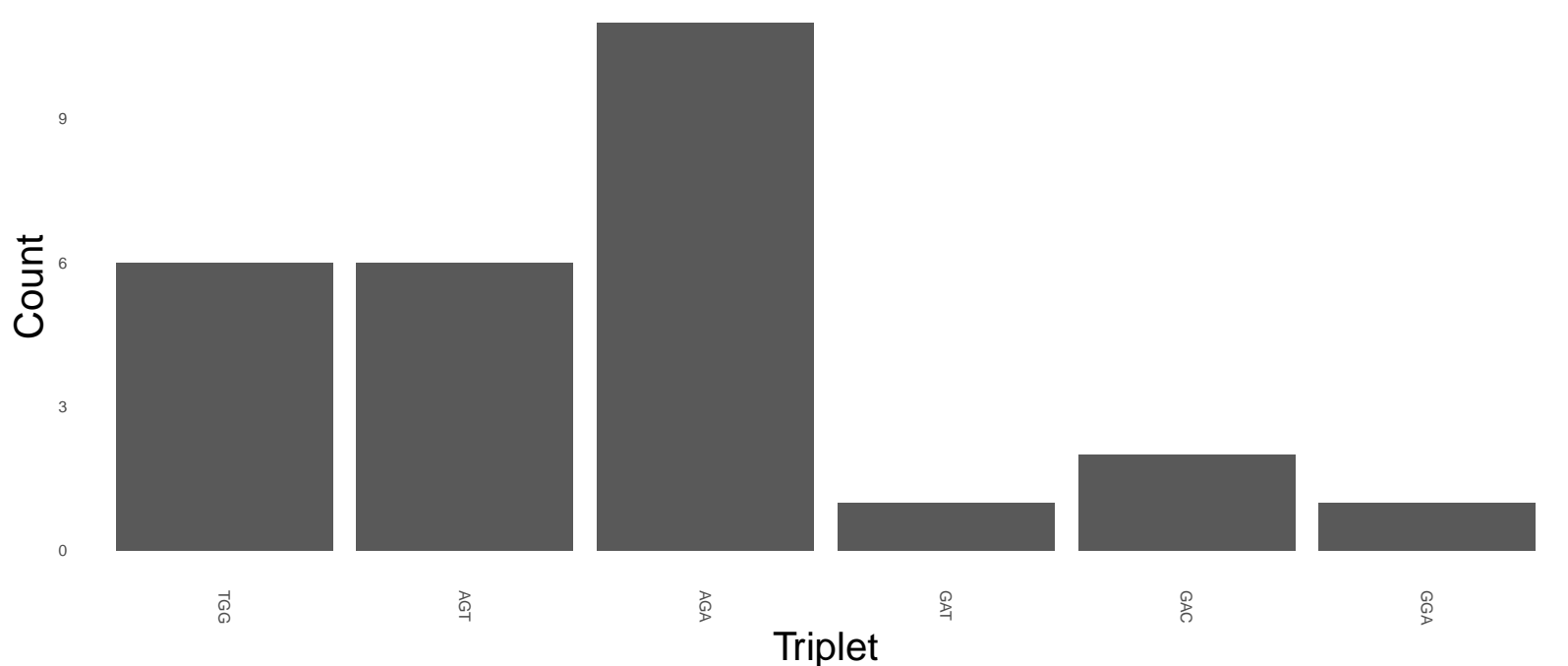
Gene TRBV20-1\*bp04\_322GA323



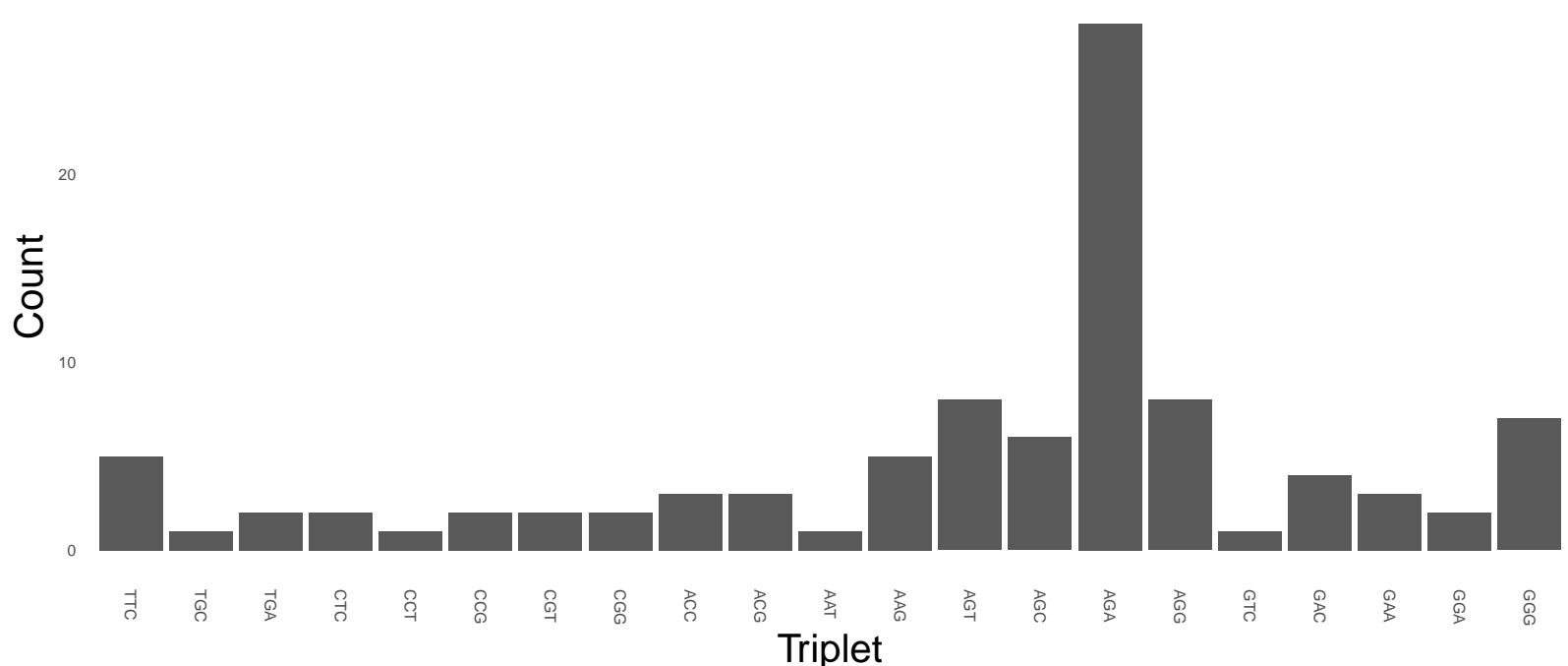
TRBV10–3\*bp02\_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



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

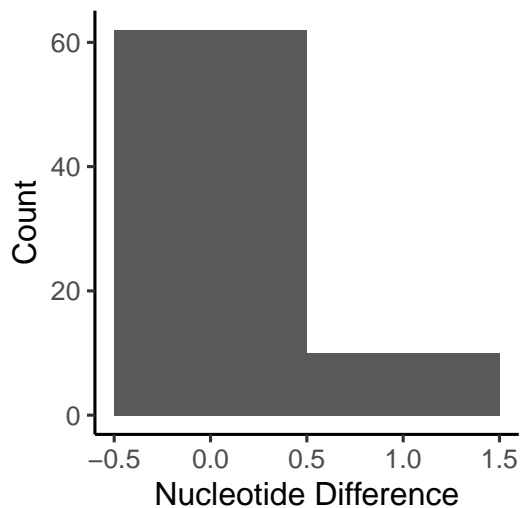


TRBV20–1\*bp04\_322GA323– Final 3 nucleotides as a triplet



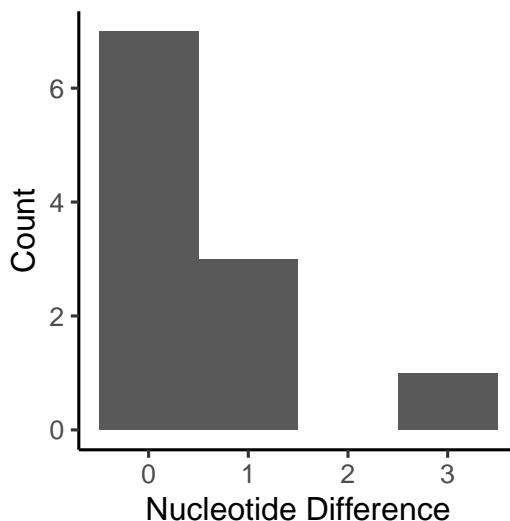
### TRBV20–1\*bp01

72 sequences assigned  
62 (86.1%) exact matches, in which:  
33 unique CDR3  
11 unique J



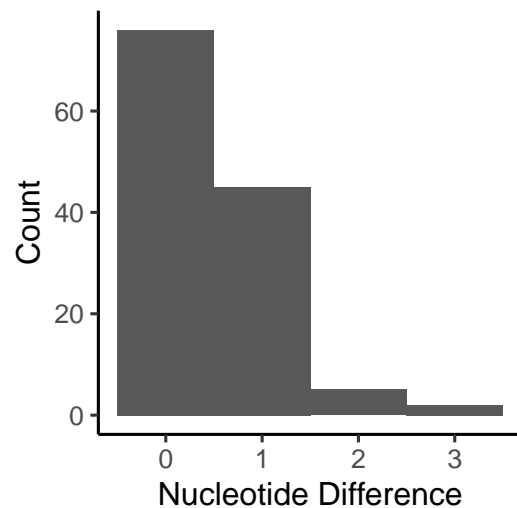
### TRBV10–2\*bp01

11 sequences assigned  
7 (63.6%) exact matches, in which:  
5 unique CDR3  
5 unique J



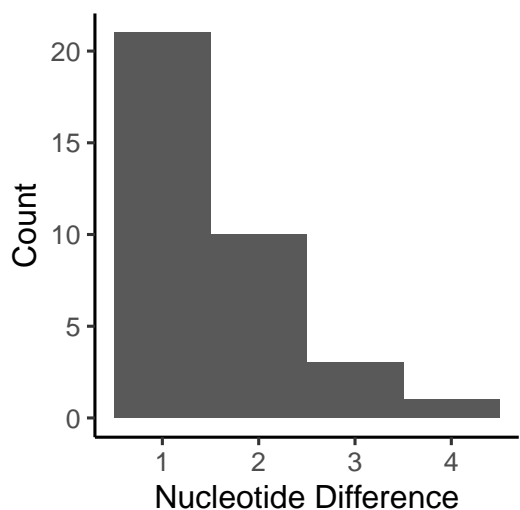
### TRBV13\*bp01

128 sequences assigned  
76 (59.4%) exact matches, in which:  
40 unique CDR3  
9 unique J



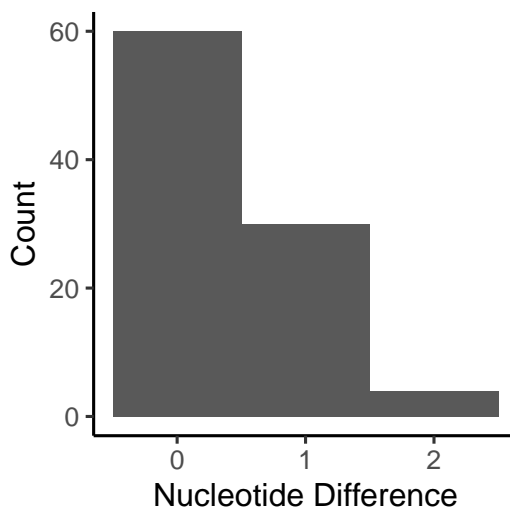
### TRBV10–1\*bp02

35 sequences assigned  
No exact matches.



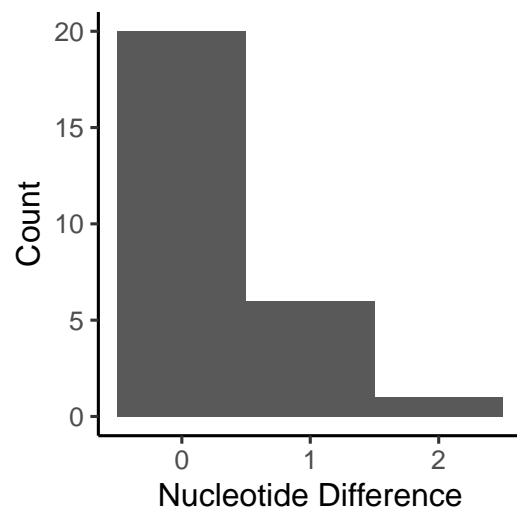
### TRBV10–3\*bp01

94 sequences assigned  
60 (63.8%) exact matches, in which:  
45 unique CDR3  
12 unique J



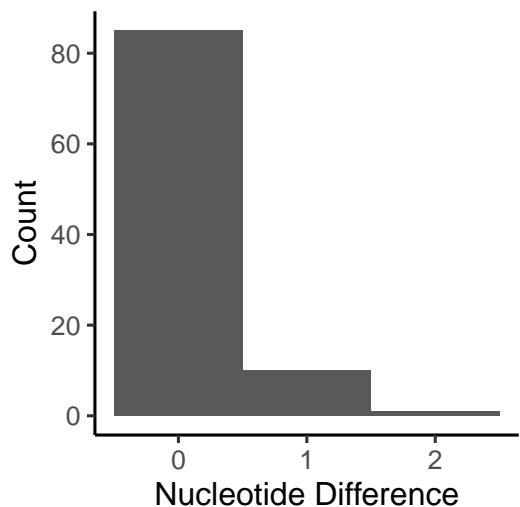
### TRBV14\*bp02\_322CAAGAA

27 sequences assigned  
20 (74.1%) exact matches, in which:  
9 unique CDR3  
4 unique J



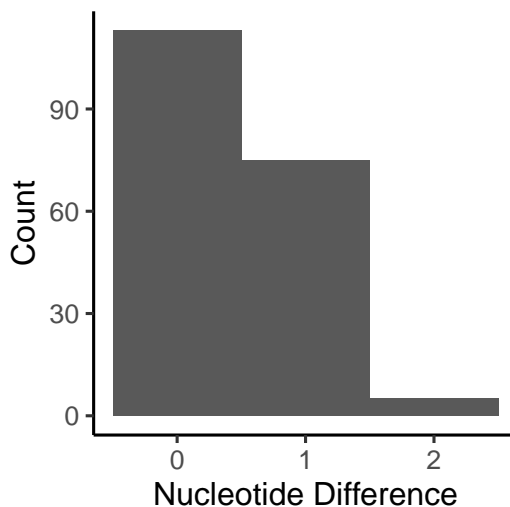
### TRBV20–1\*bp04\_322GA3

96 sequences assigned  
85 (88.5%) exact matches, in which:  
44 unique CDR3  
14 unique J



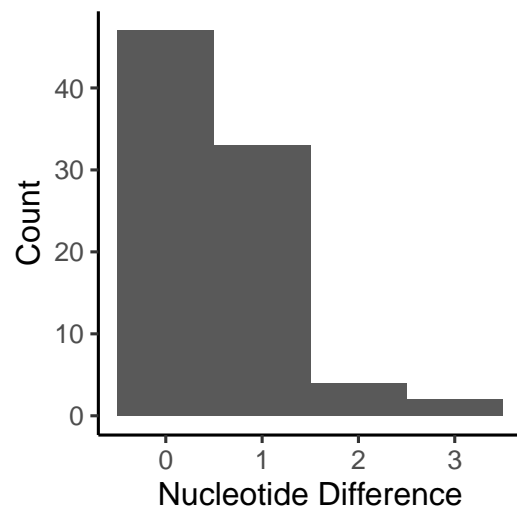
### TRBV10–3\*bp02\_313GCC

193 sequences assigned  
113 (58.5%) exact matches, in which:  
75 unique CDR3  
14 unique J



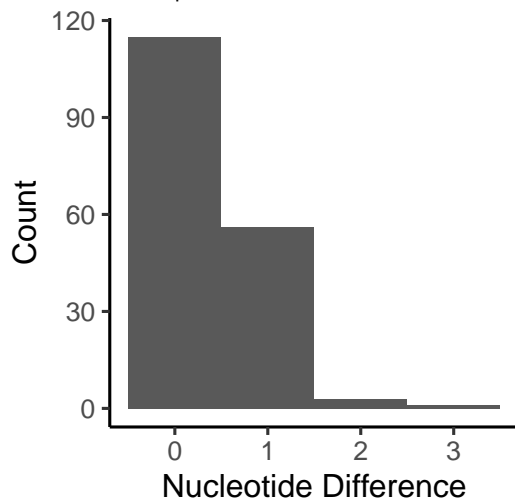
### TRBV15\*bp02

86 sequences assigned  
47 (54.7%) exact matches, in which:  
21 unique CDR3  
7 unique J



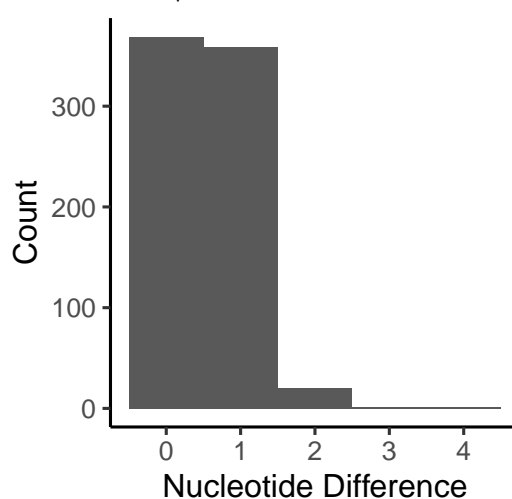
### TRBV18\*bp01

175 sequences assigned  
115 (65.7%) exact matches, in which:  
52 unique CDR3  
11 unique J



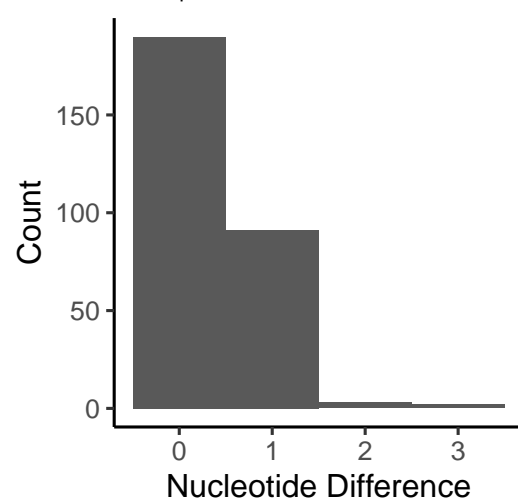
### TRBV27\*bp01

750 sequences assigned  
369 (49.2%) exact matches, in which:  
238 unique CDR3  
15 unique J



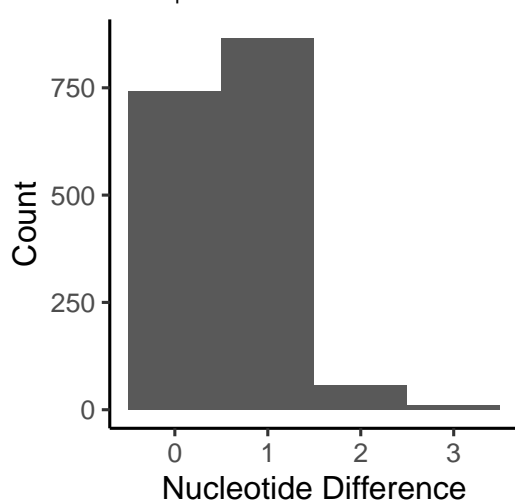
### TRBV30\*bp02

286 sequences assigned  
190 (66.4%) exact matches, in which:  
81 unique CDR3  
14 unique J



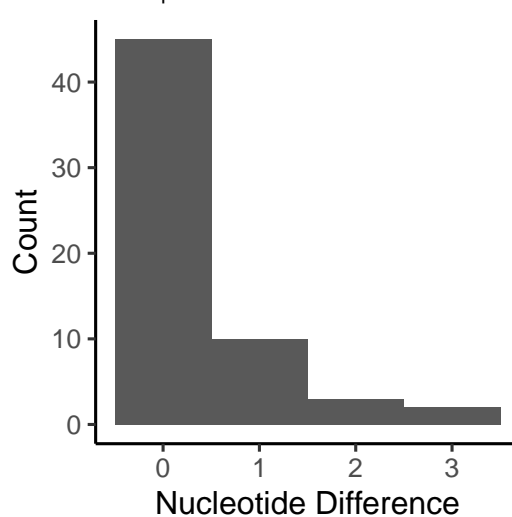
### TRBV19\*bp01

1675 sequences assigned  
742 (44.3%) exact matches, in which:  
385 unique CDR3  
15 unique J



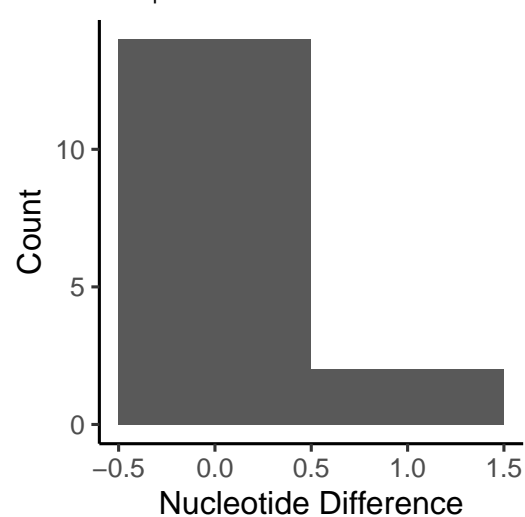
### TRBV28\*bp01

60 sequences assigned  
45 (75%) exact matches, in which:  
34 unique CDR3  
11 unique J



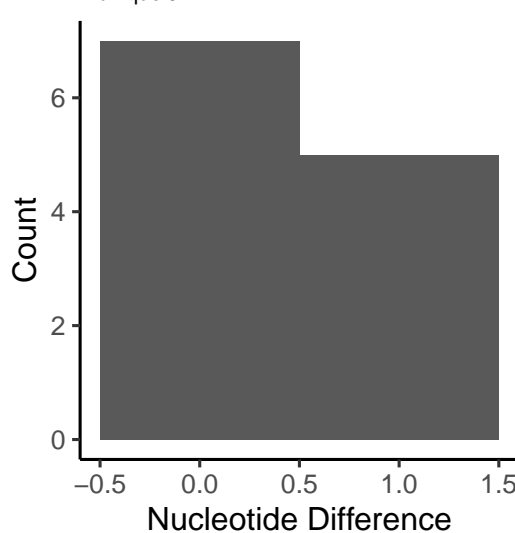
### TRBV9\*bp01

16 sequences assigned  
14 (87.5%) exact matches, in which:  
11 unique CDR3  
5 unique J



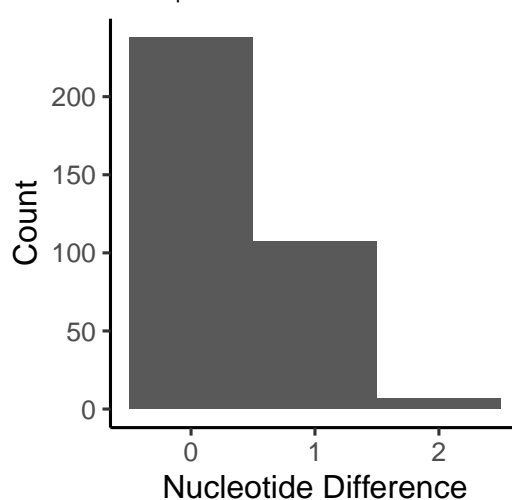
### TRBV2\*bp01

12 sequences assigned  
7 (58.3%) exact matches, in which:  
7 unique CDR3  
4 unique J



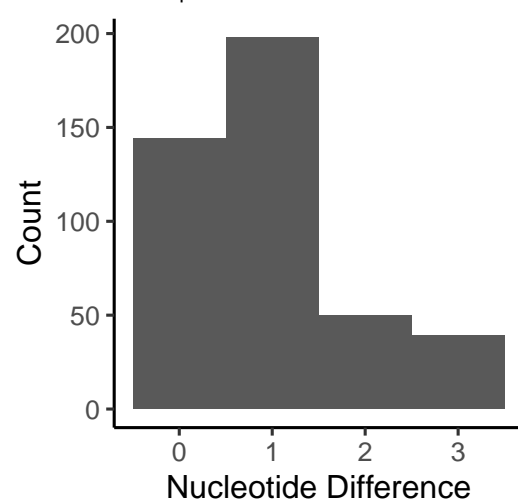
### TRBV30\*bp01

352 sequences assigned  
238 (67.6%) exact matches, in which:  
83 unique CDR3  
13 unique J



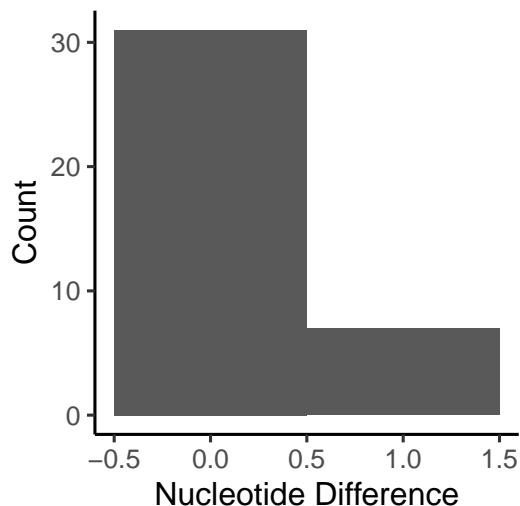
### TRBV11-1\*bp01

431 sequences assigned  
144 (33.4%) exact matches, in which:  
84 unique CDR3  
12 unique J



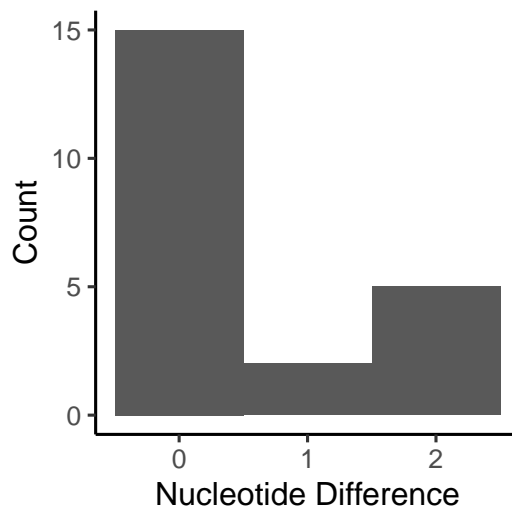
### TRBV21-1\*bp01

38 sequences assigned  
31 (81.6%) exact matches, in which:  
21 unique CDR3  
12 unique J



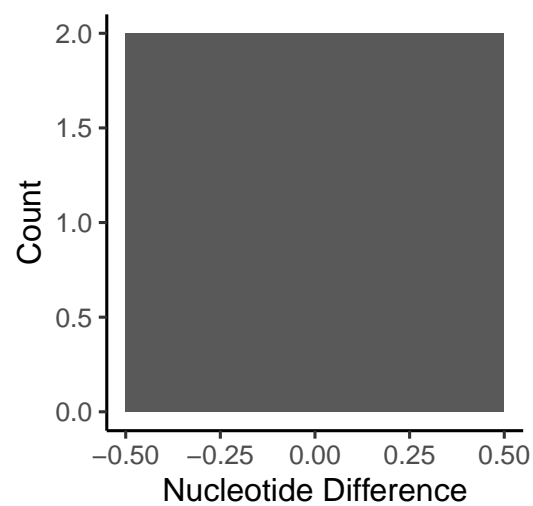
### TRBV12-5\*bp01

22 sequences assigned  
15 (68.2%) exact matches, in which:  
11 unique CDR3  
7 unique J



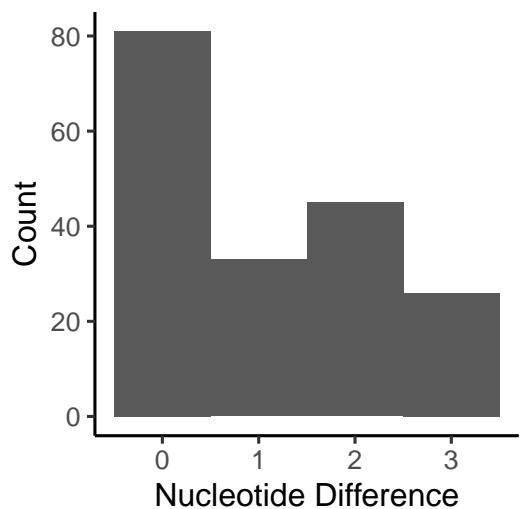
### TRBV3-2\*bp02

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



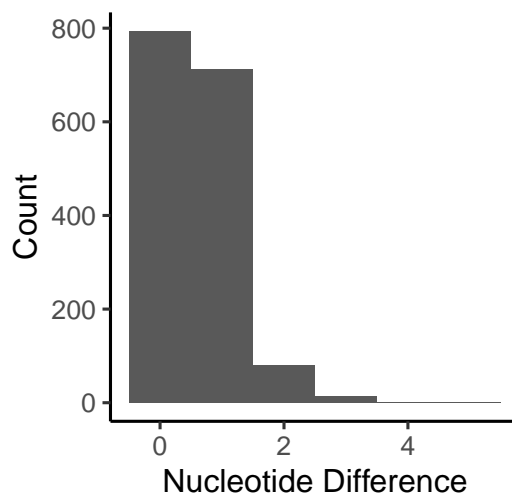
### TRBV11-2\*bp01

185 sequences assigned  
81 (43.8%) exact matches, in which:  
49 unique CDR3  
10 unique J



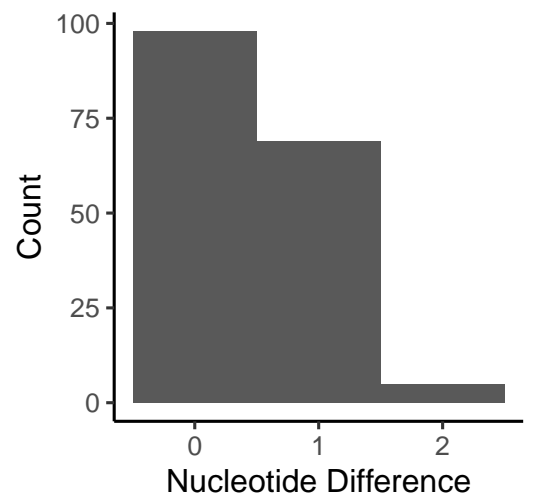
### TRBV12-34\*bp01

1604 sequences assigned  
794 (49.5%) exact matches, in which:  
345 unique CDR3  
14 unique J



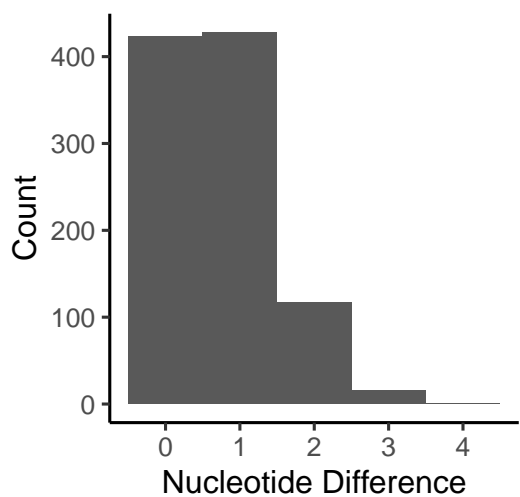
### TRBV24-1\*bp01

172 sequences assigned  
98 (57%) exact matches, in which:  
58 unique CDR3  
13 unique J



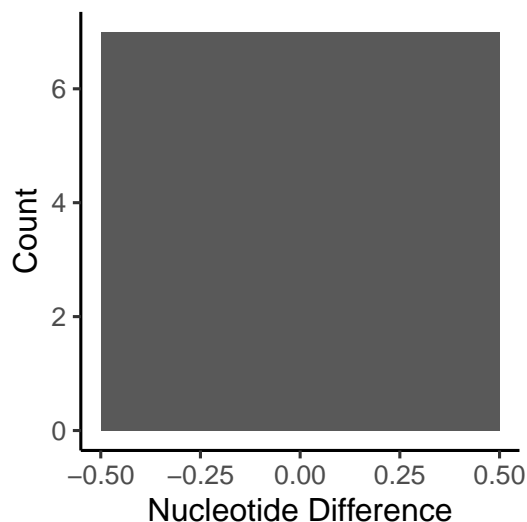
### TRBV11-3\*bp01

985 sequences assigned  
423 (42.9%) exact matches, in which:  
233 unique CDR3  
14 unique J



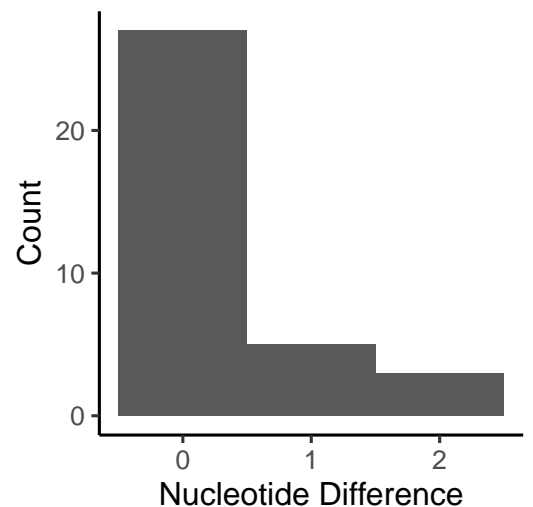
### TRBV23-1\*bp01

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



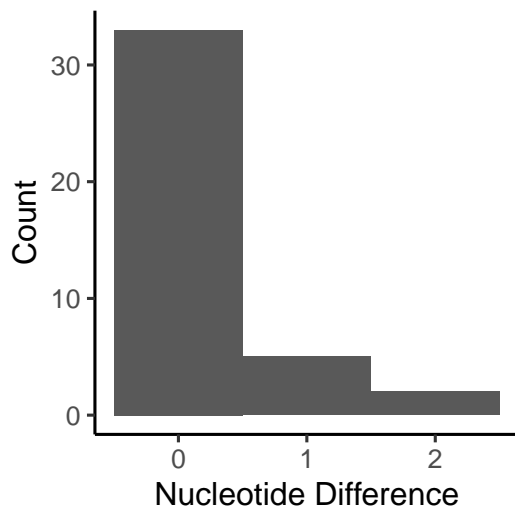
### TRBV4-1\*bp01

35 sequences assigned  
27 (77.1%) exact matches, in which:  
17 unique CDR3  
9 unique J



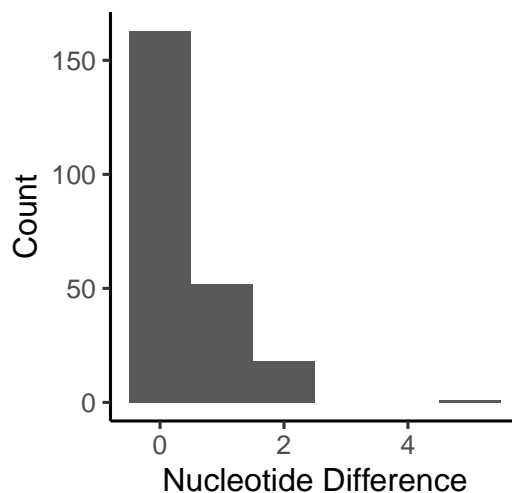
### TRBV4-2\*bp01

40 sequences assigned  
33 (82.5%) exact matches, in which:  
24 unique CDR3  
13 unique J



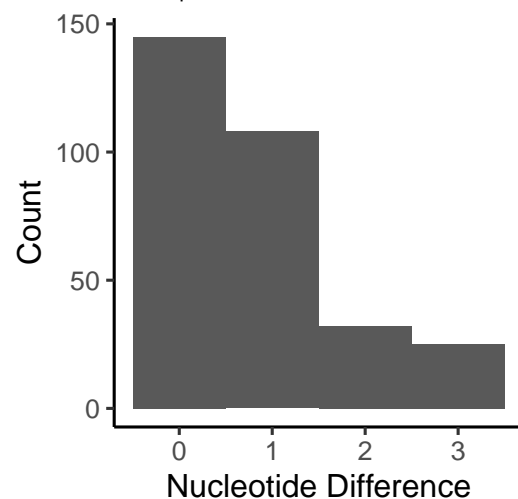
### TRBV5-1\*bp01

234 sequences assigned  
163 (69.7%) exact matches, in which:  
71 unique CDR3  
14 unique J



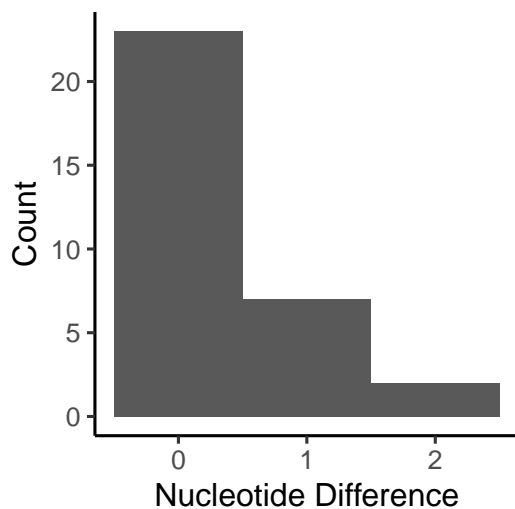
### TRBV5-6\*bp01

310 sequences assigned  
145 (46.8%) exact matches, in which:  
82 unique CDR3  
11 unique J



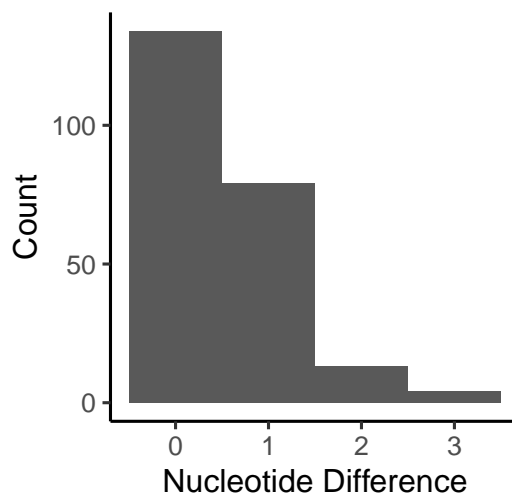
### TRBV4-3\*bp01

32 sequences assigned  
23 (71.9%) exact matches, in which:  
16 unique CDR3  
6 unique J



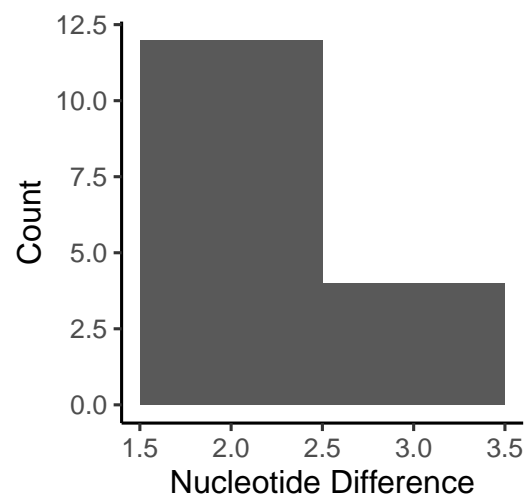
### TRBV5-4\*bp01

230 sequences assigned  
134 (58.3%) exact matches, in which:  
64 unique CDR3  
14 unique J



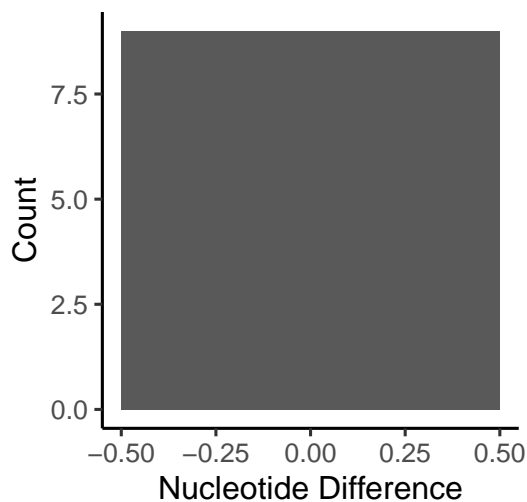
### TRBV5-7\*bp01

16 sequences assigned  
No exact matches.



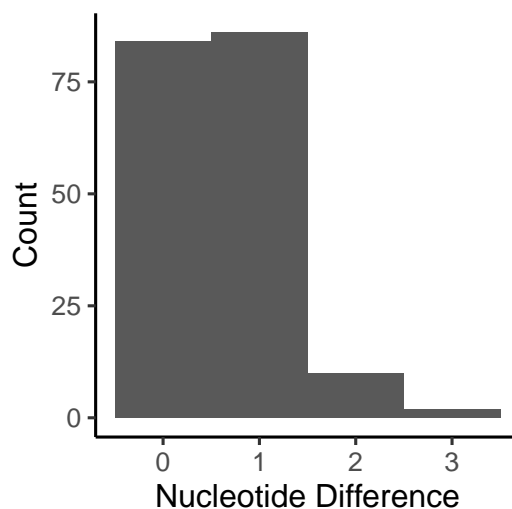
### TRBV25-1\*bp01

9 sequences assigned  
9 (100%) exact matches, in which:  
7 unique CDR3  
6 unique J



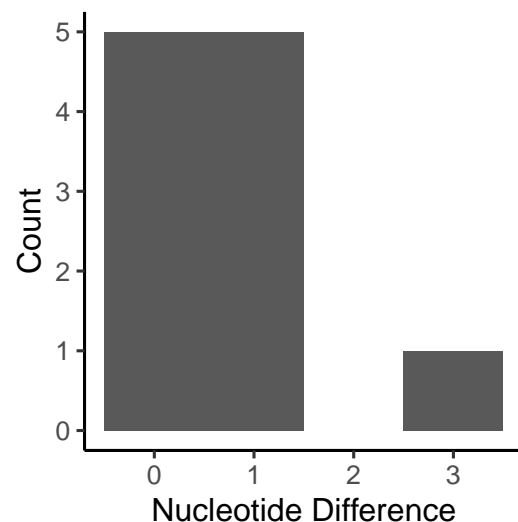
### TRBV5-5\*bp01

182 sequences assigned  
84 (46.2%) exact matches, in which:  
54 unique CDR3  
13 unique J



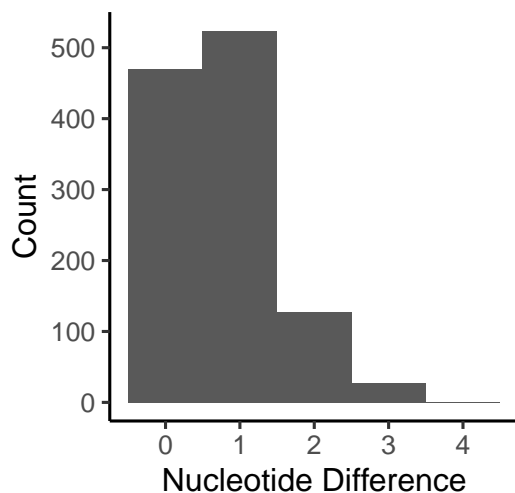
### TRBV5-8\*bp01

11 sequences assigned  
5 (45.5%) exact matches, in which:  
3 unique CDR3  
3 unique J



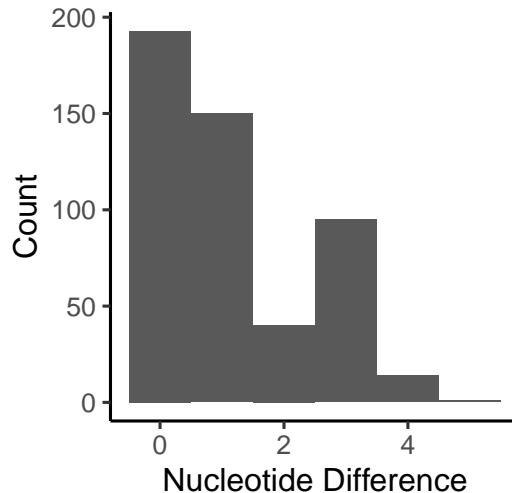
### TRBV6-1\*bp01

1150 sequences assigned  
470 (40.9%) exact matches, in which:  
283 unique CDR3  
15 unique J



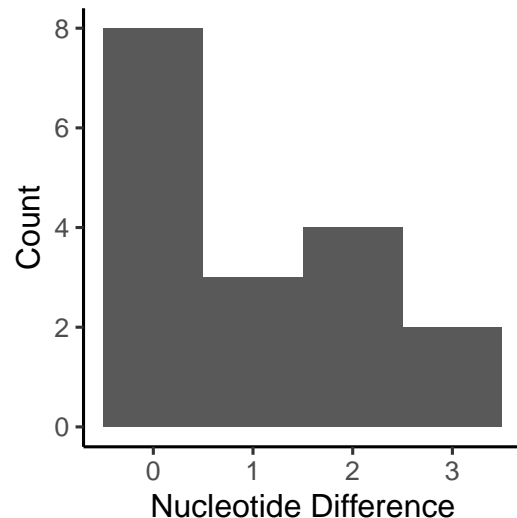
### TRBV6-6\*bp01

493 sequences assigned  
193 (39.1%) exact matches, in which:  
140 unique CDR3  
14 unique J



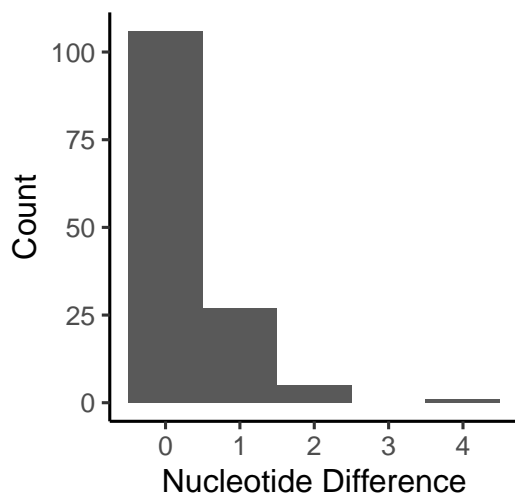
### TRBV6-9\*bp01

17 sequences assigned  
8 (47.1%) exact matches, in which:  
5 unique CDR3  
4 unique J



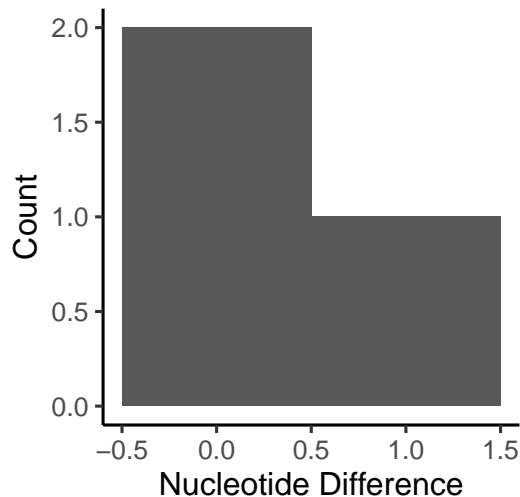
### TRBV6-4\*bp01

139 sequences assigned  
106 (76.3%) exact matches, in which:  
60 unique CDR3  
12 unique J



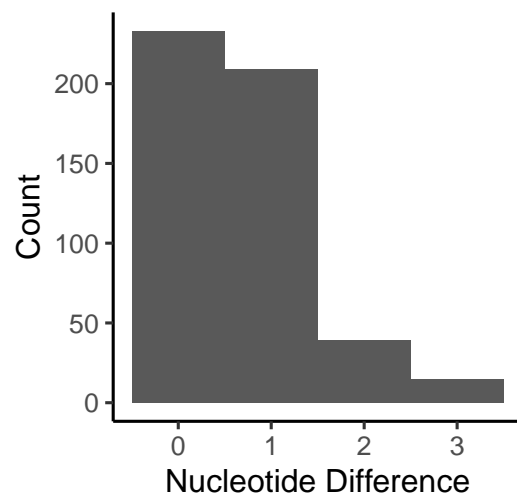
### TRBV6-7\*bp01

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



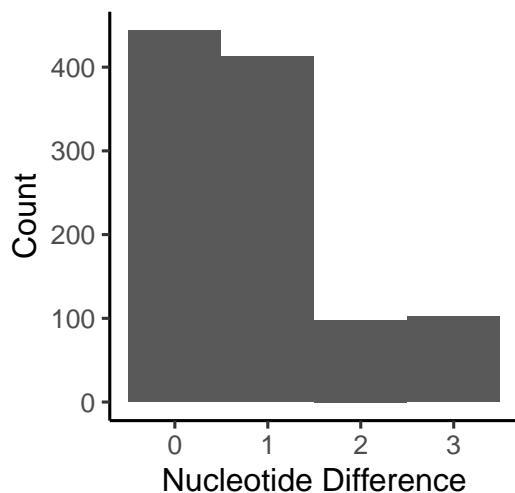
### TRBV6-23\*bp01

496 sequences assigned  
233 (47%) exact matches, in which:  
146 unique CDR3  
15 unique J



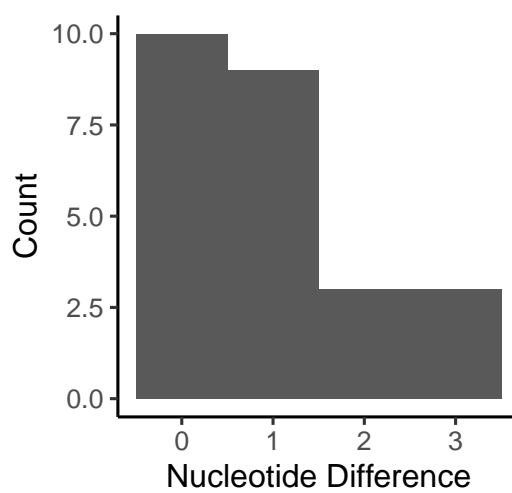
### TRBV6-5\*bp01

1057 sequences assigned  
444 (42%) exact matches, in which:  
258 unique CDR3  
15 unique J



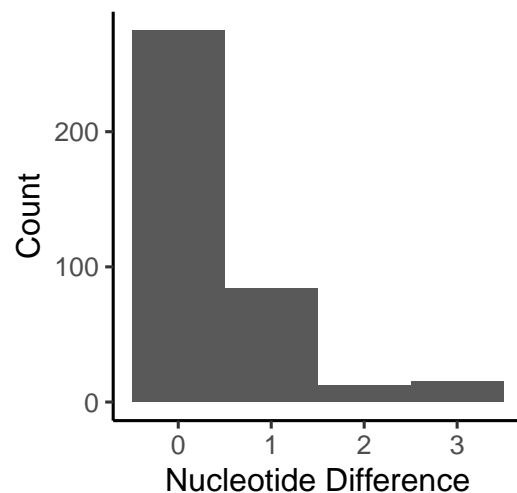
### TRBV6-8\*bp01

25 sequences assigned  
10 (40%) exact matches, in which:  
4 unique CDR3  
3 unique J



### TRBV7-2\*bp01

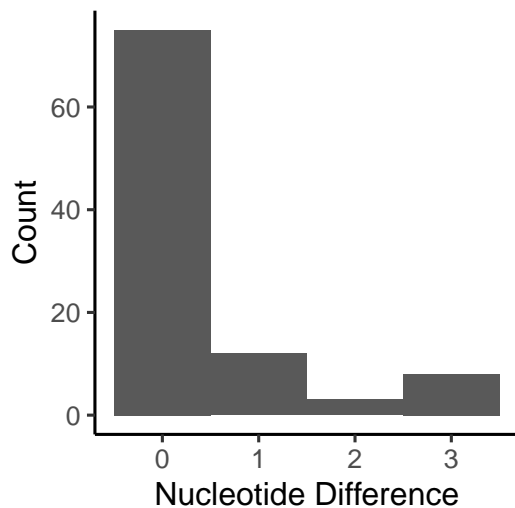
386 sequences assigned  
275 (71.2%) exact matches, in which:  
127 unique CDR3  
12 unique J





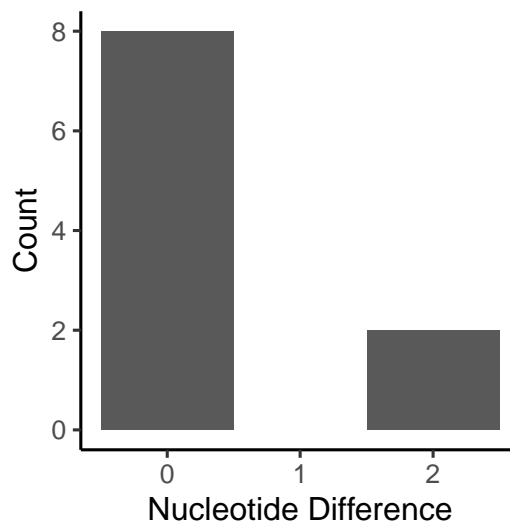
### TRBV7-3\*bp01

98 sequences assigned  
75 (76.5%) exact matches, in which:  
36 unique CDR3  
9 unique J



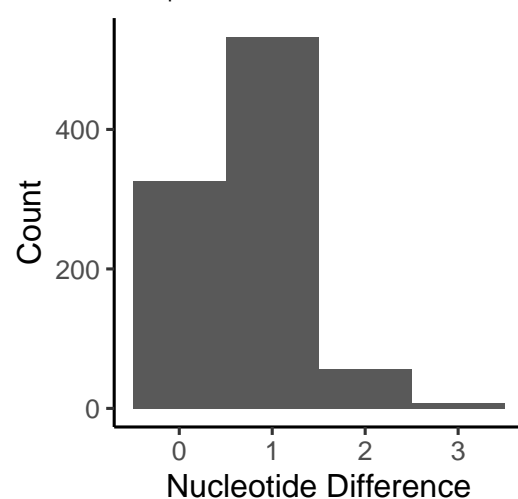
### TRBV7-7\*bp01

10 sequences assigned  
8 (80%) exact matches, in which:  
4 unique CDR3  
3 unique J



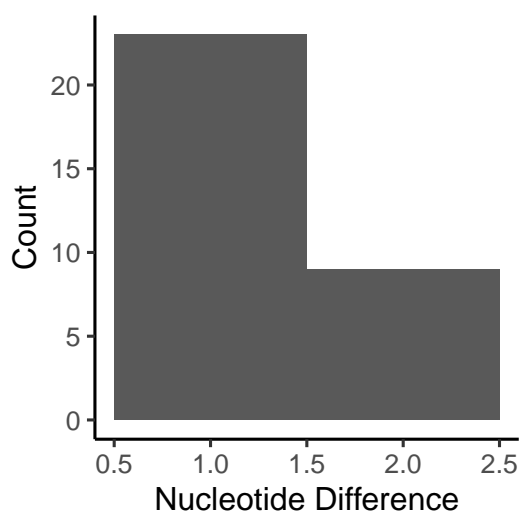
### TRBV29-1\*bp01

924 sequences assigned  
326 (35.3%) exact matches, in which:  
164 unique CDR3  
8 unique J



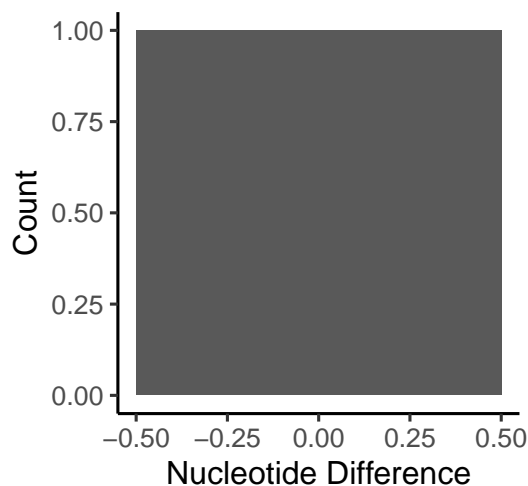
### TRBV7-4\*bp01

32 sequences assigned  
No exact matches.



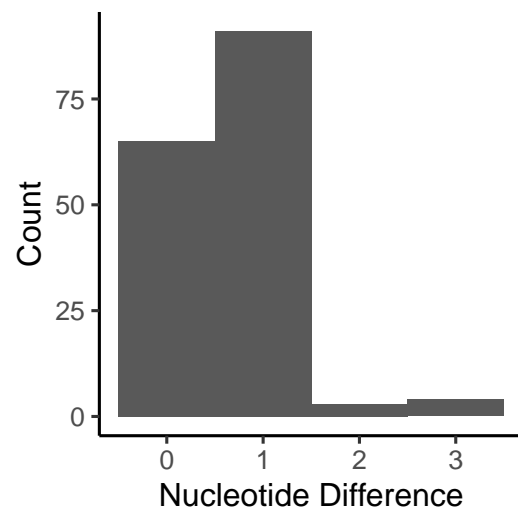
### TRBV7-8\*bp01

1 sequences assigned  
1 (100%) exact matches, in which:  
1 unique CDR3  
1 unique J



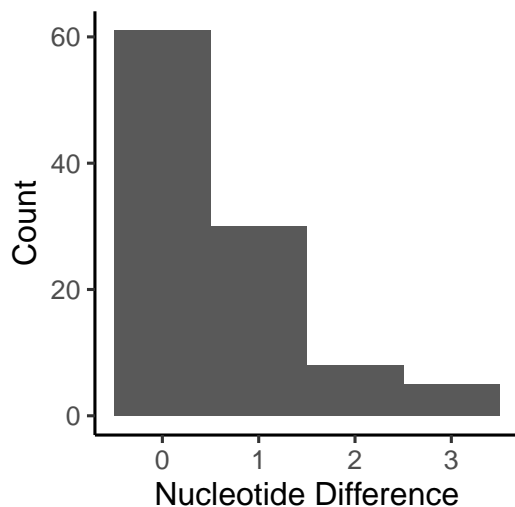
### TRBV29-1\*bp03

163 sequences assigned  
65 (39.9%) exact matches, in which:  
34 unique CDR3  
7 unique J



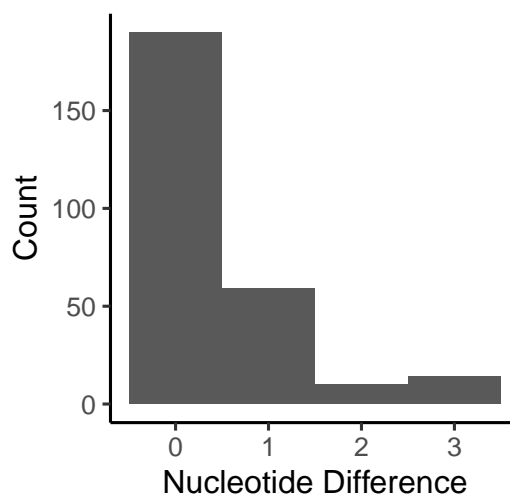
### TRBV7-6\*bp01

104 sequences assigned  
61 (58.7%) exact matches, in which:  
33 unique CDR3  
10 unique J

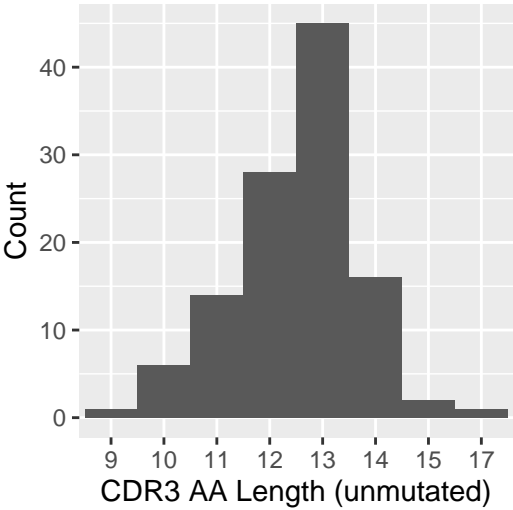


### TRBV7-9\*bp01

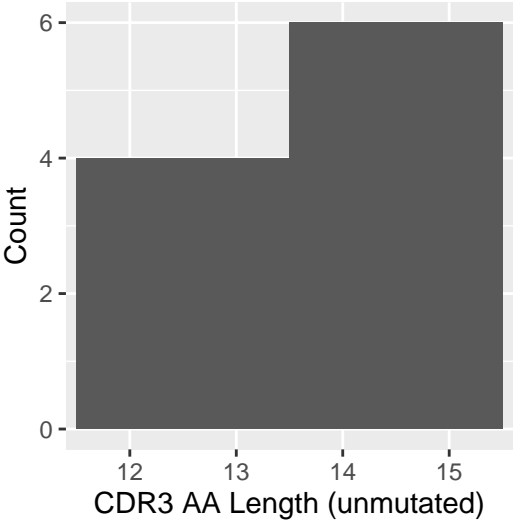
273 sequences assigned  
190 (69.6%) exact matches, in which:  
83 unique CDR3  
14 unique J



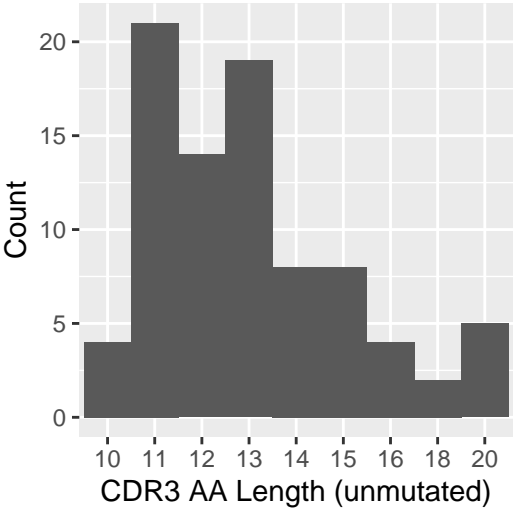
TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



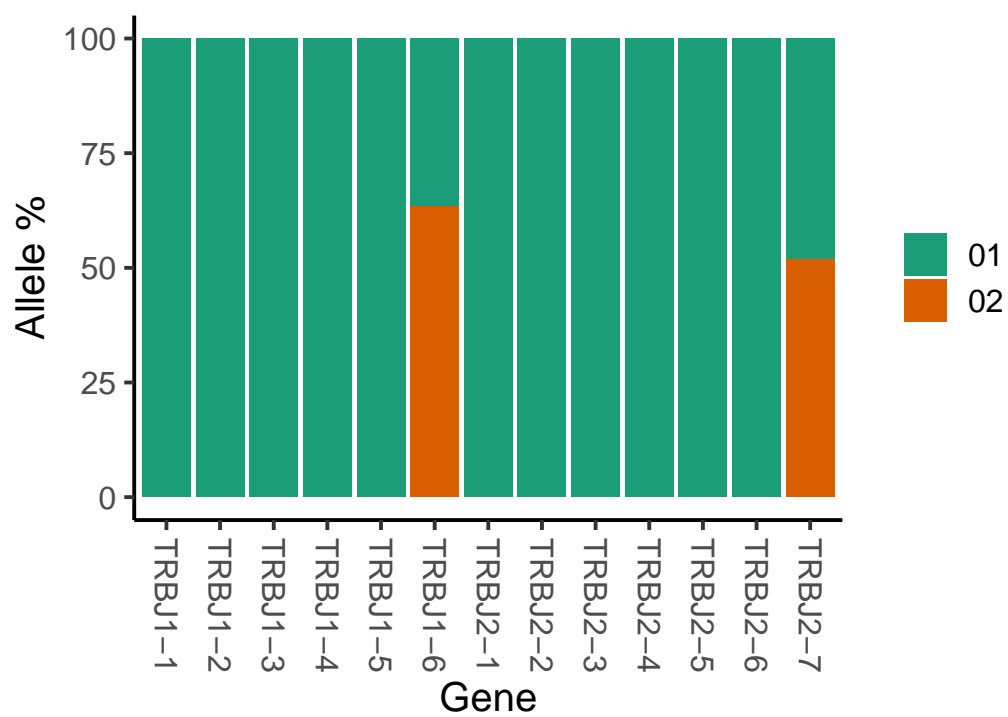
TRBV14\*bp02\_322CAAGA326



TRBV20-1\*bp04\_322GA323



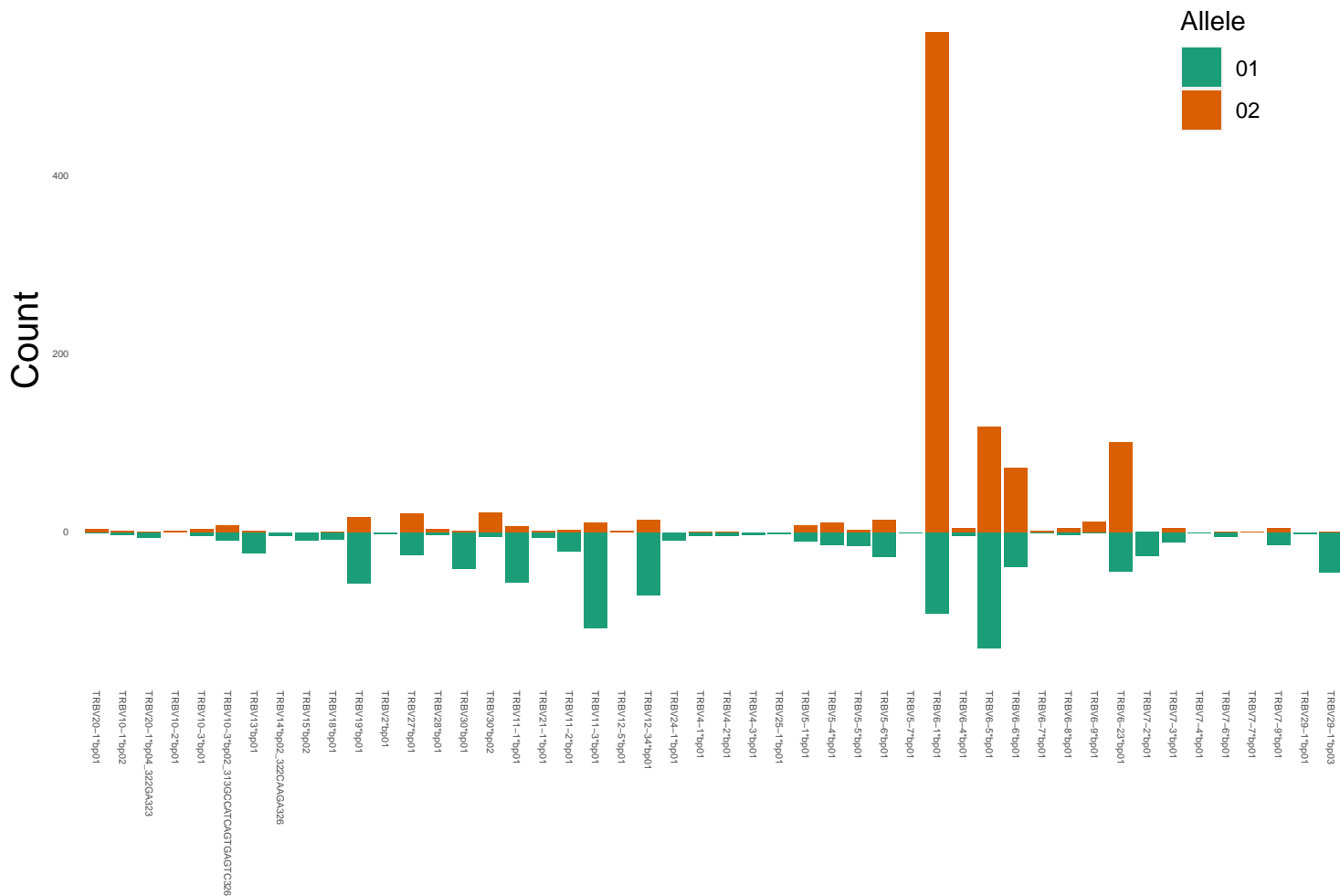
Allele Usage



Sequence Count by TRBJ1–6 allele usage



Sequence Count by TRBJ2–7 allele usage



[illegible]