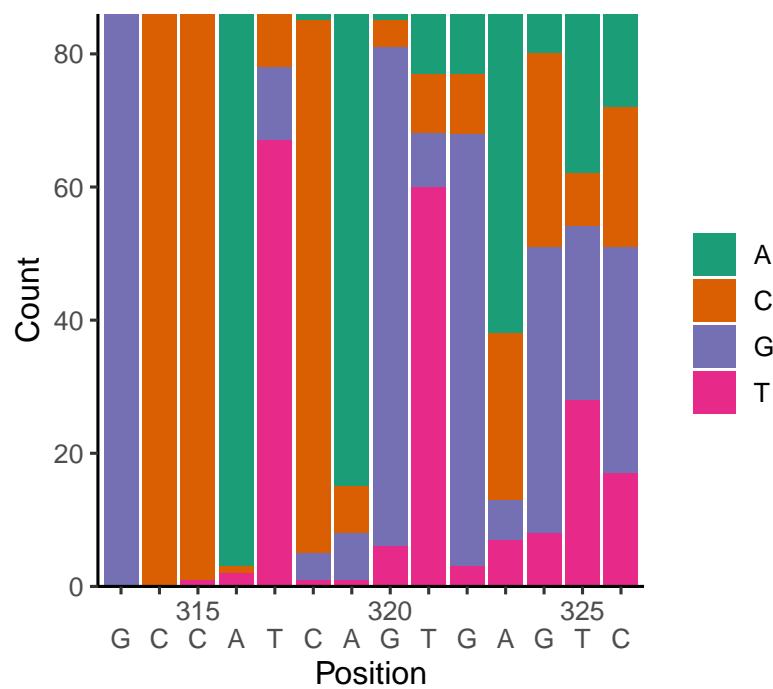
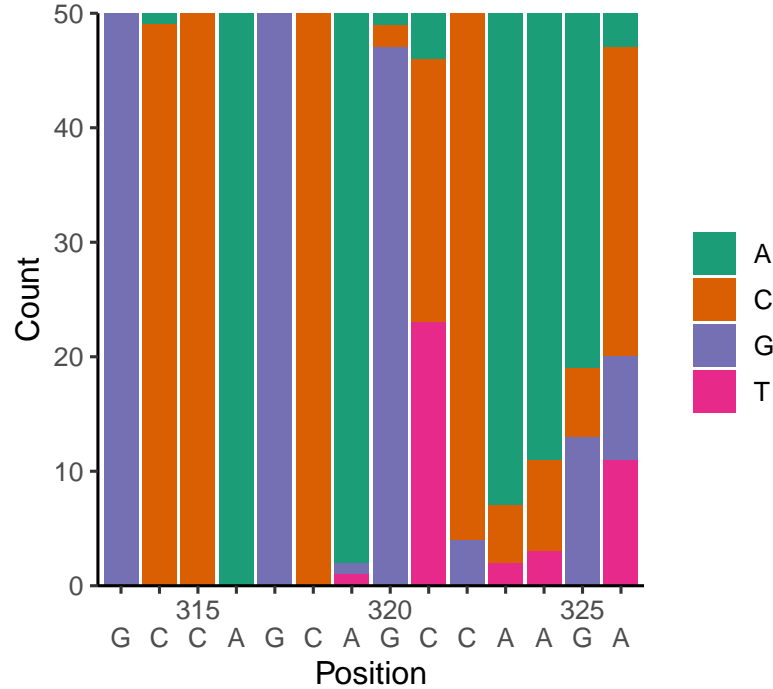


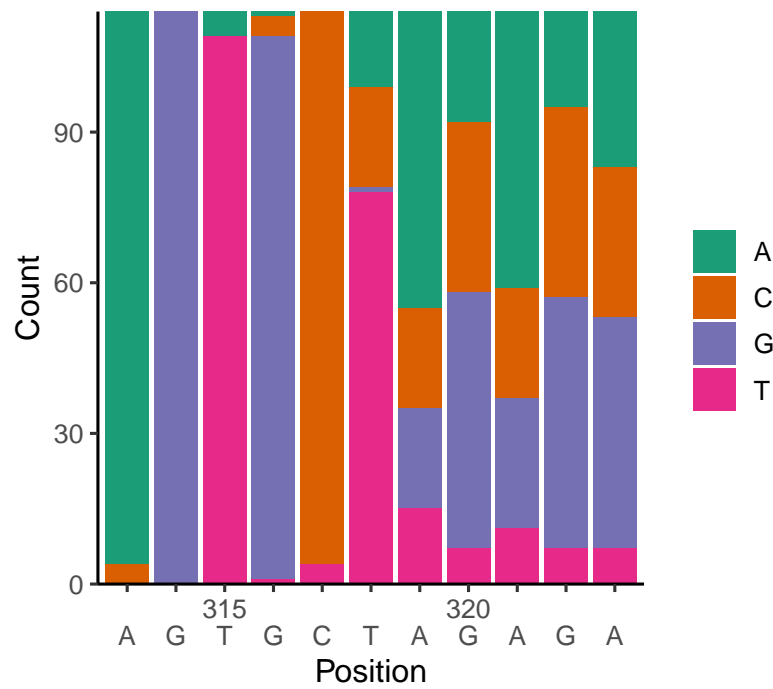
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



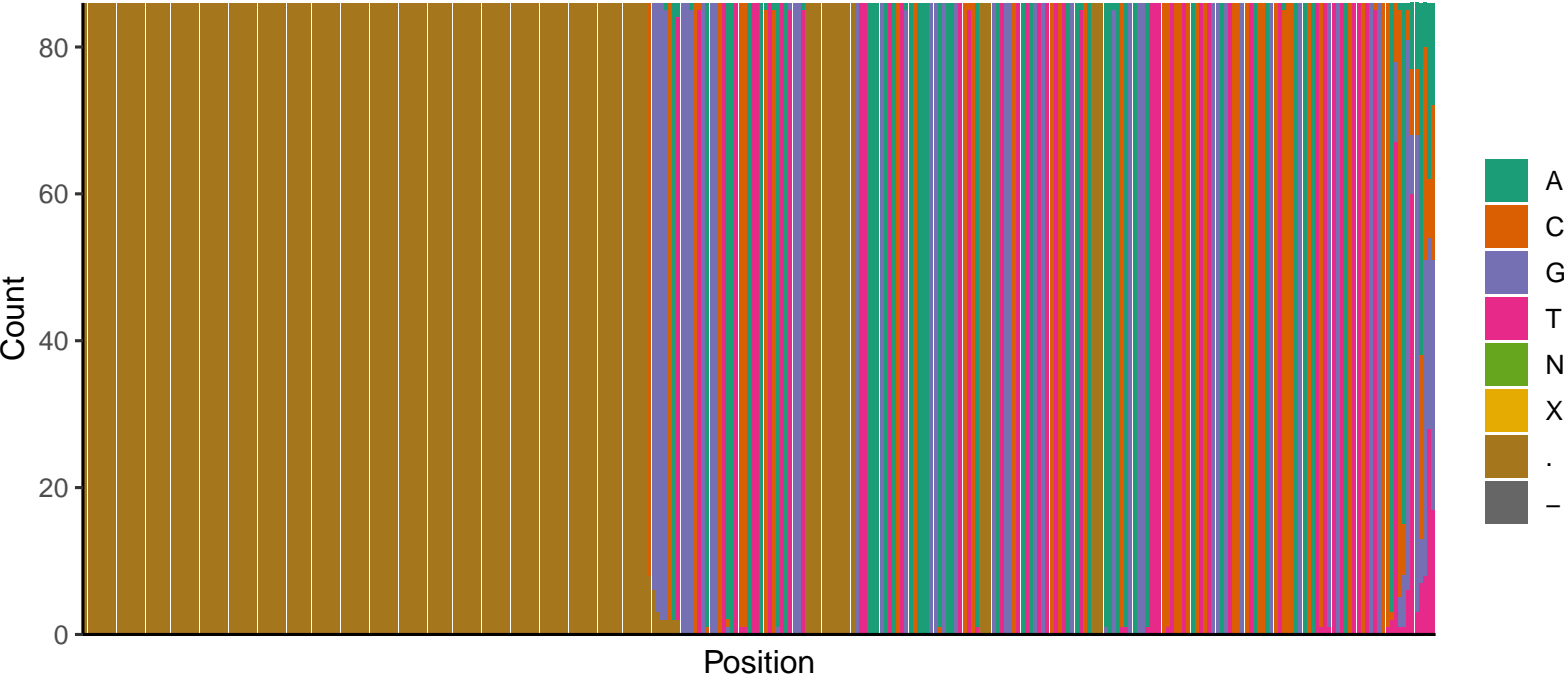
Gene TRBV14\*bp02\_322CAAGA326



Gene TRBV20-1\*bp04\_322GA323



Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



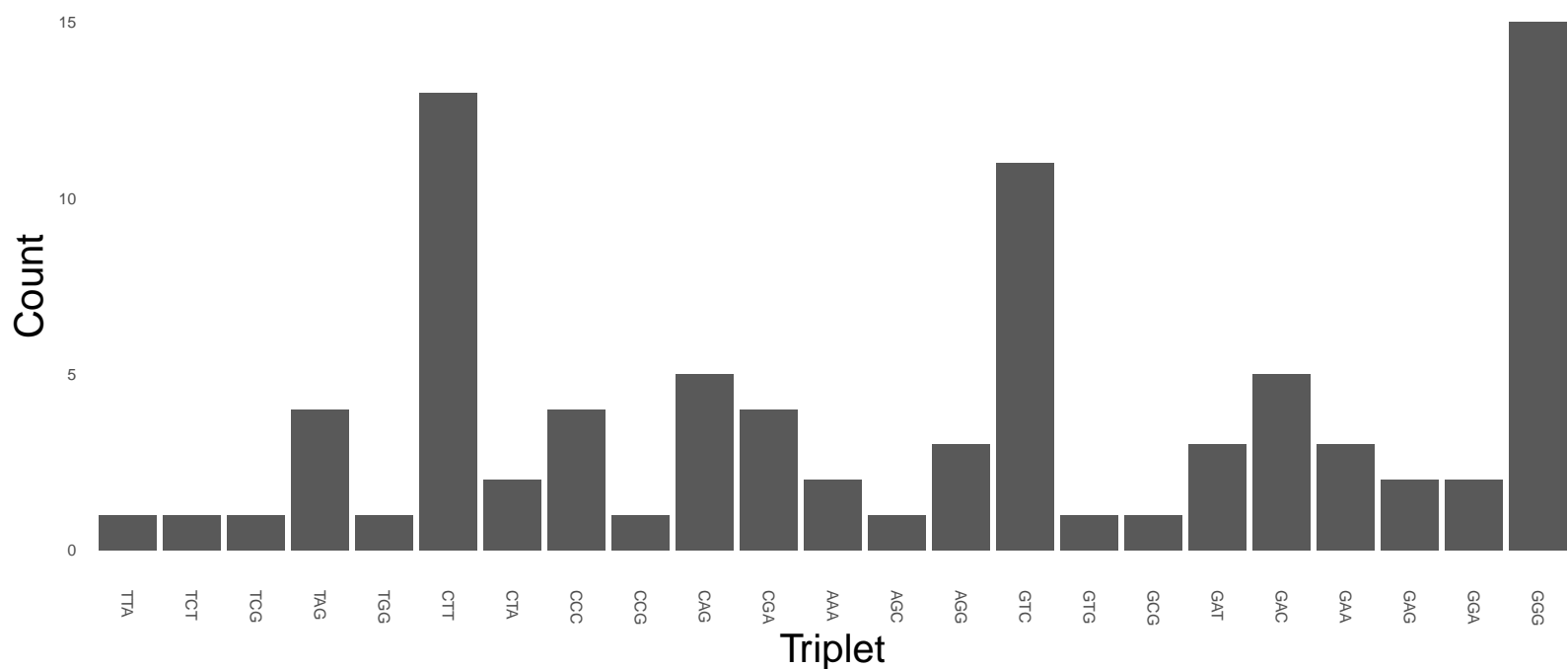
Gene TRBV14\*bp02\_322CAAGA326



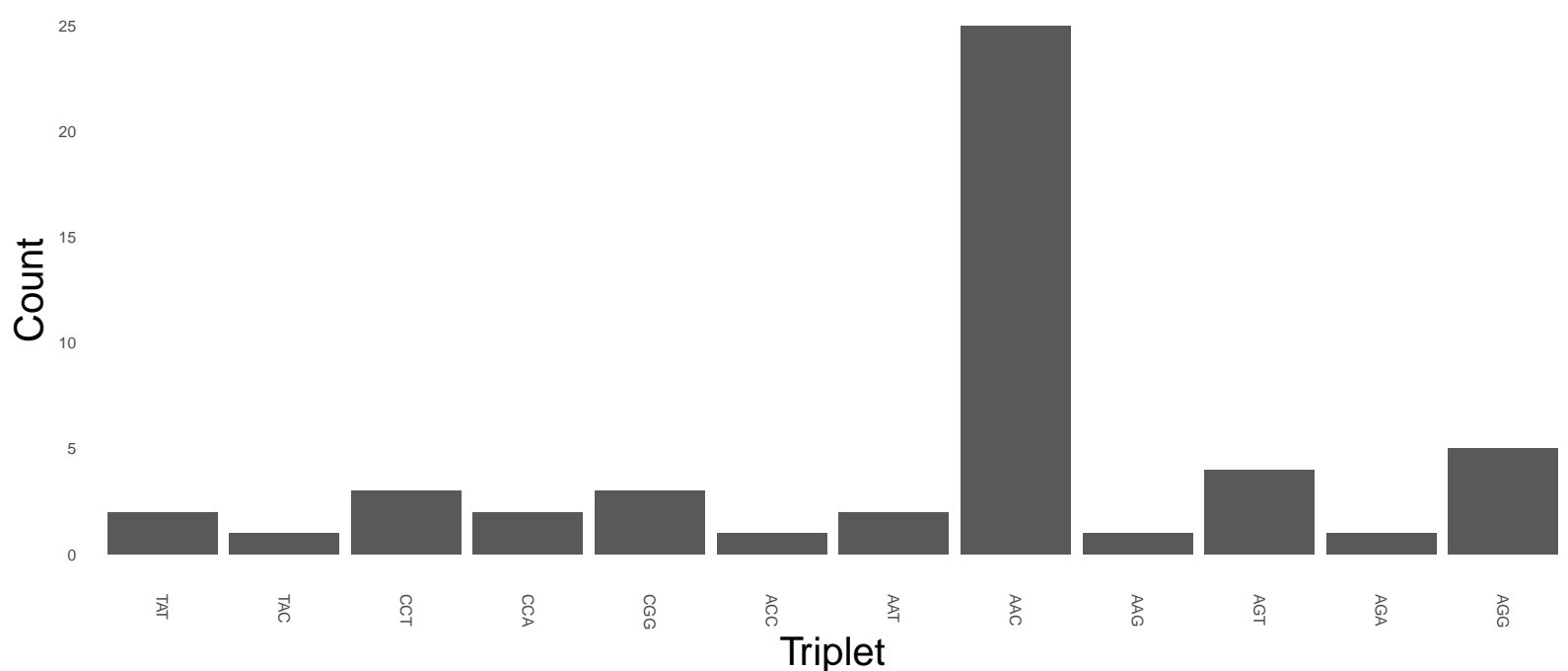
Gene TRBV20-1\*bp04\_322GA323



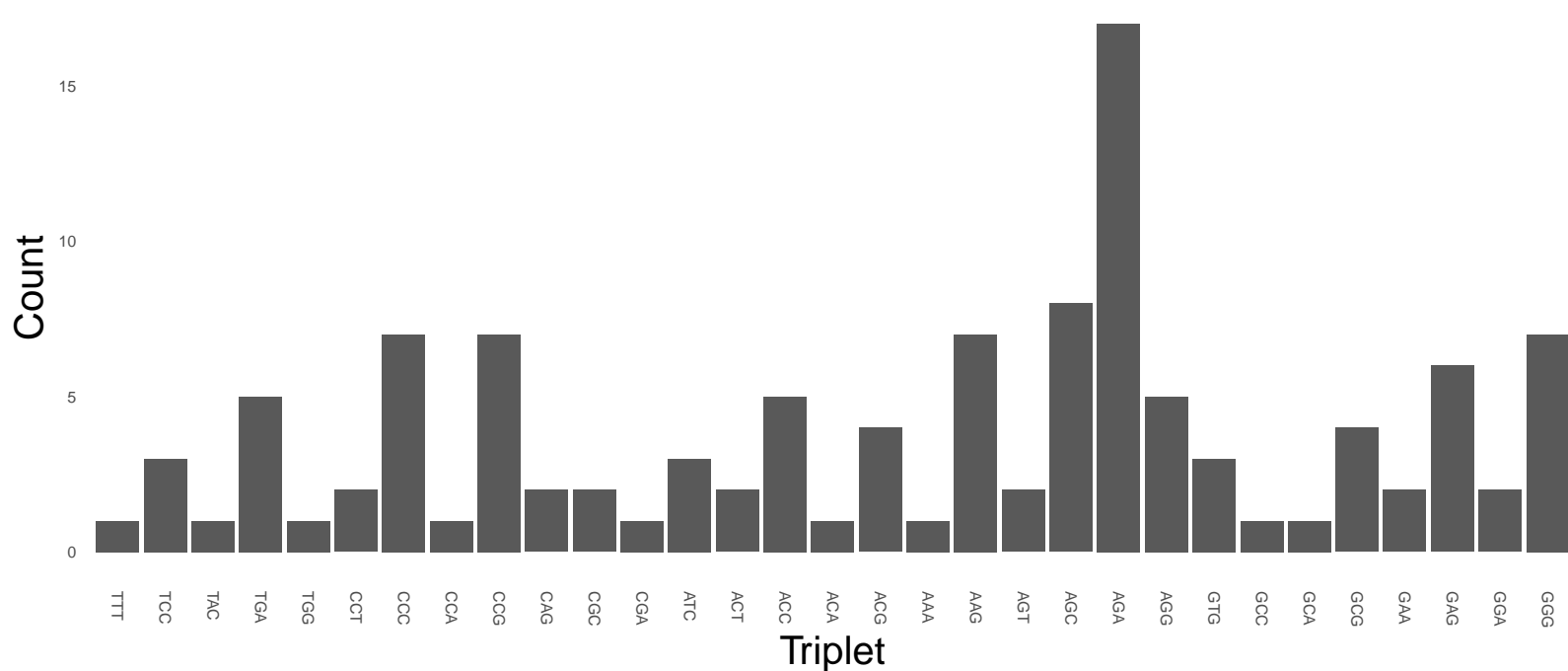
TRBV10–3\*bp02\_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



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

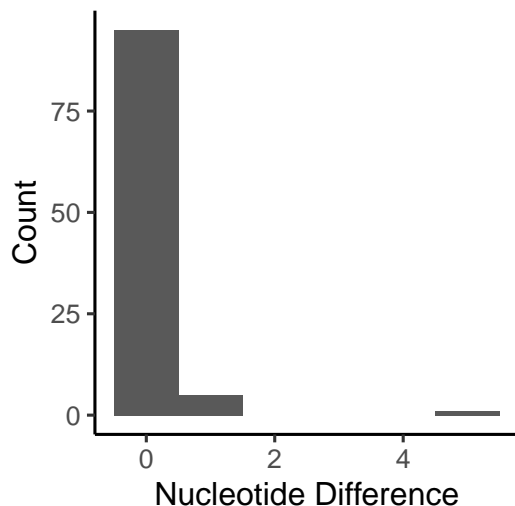


TRBV20–1\*bp04\_322GA323– Final 3 nucleotides as a triplet



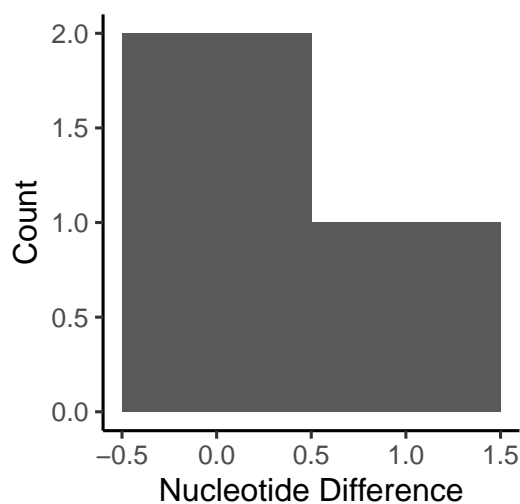
### TRBV20–1\*bp01

101 sequences assigned  
95 (94.1%) exact matches, in which:  
70 unique CDR3  
13 unique J



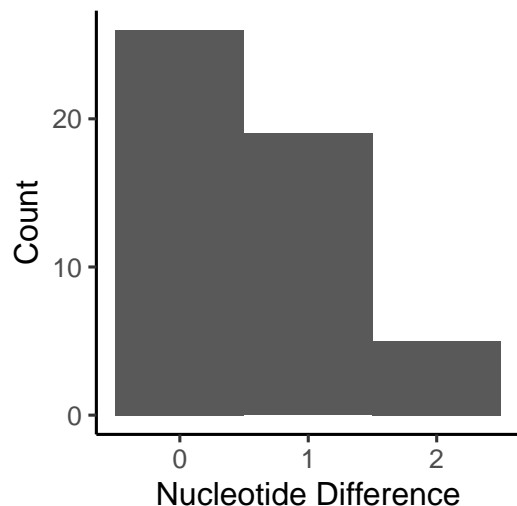
### TRBV10–2\*bp01

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



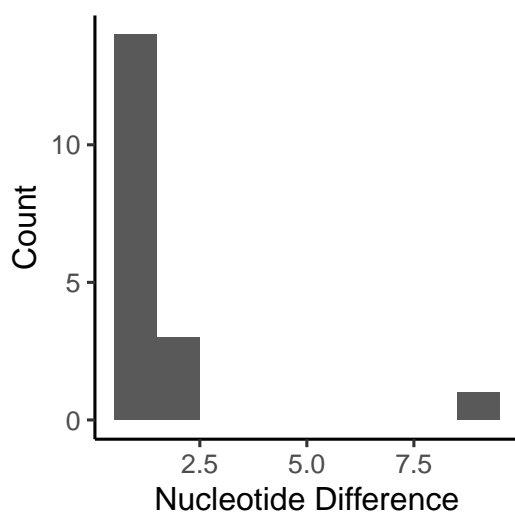
### TRBV14\*bp02\_322CAAGA

50 sequences assigned  
26 (52%) exact matches, in which:  
21 unique CDR3  
8 unique J



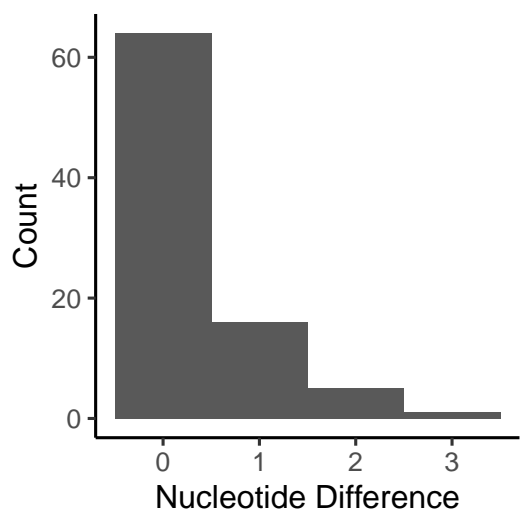
### TRBV10–1\*bp02

18 sequences assigned  
No exact matches.



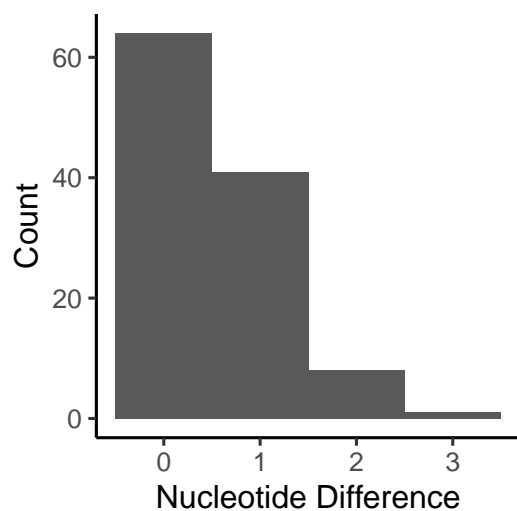
### TRBV10–3\*bp02\_313GCC

86 sequences assigned  
64 (74.4%) exact matches, in which:  
42 unique CDR3  
10 unique J



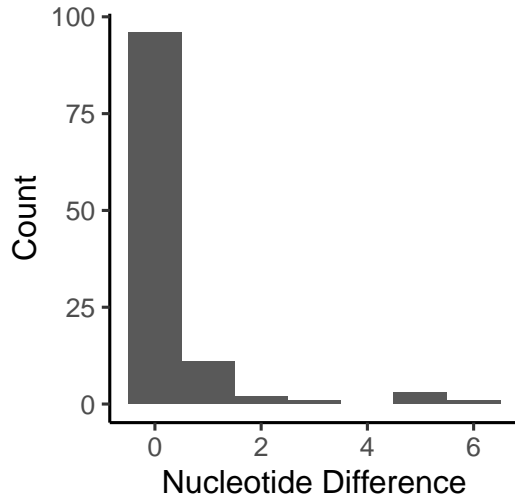
### TRBV15\*bp02

114 sequences assigned  
64 (56.1%) exact matches, in which:  
40 unique CDR3  
10 unique J



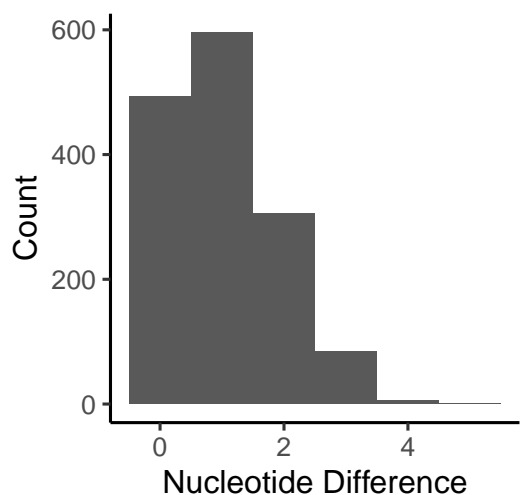
### TRBV20–1\*bp04\_322GA:

114 sequences assigned  
96 (84.2%) exact matches, in which:  
67 unique CDR3  
14 unique J



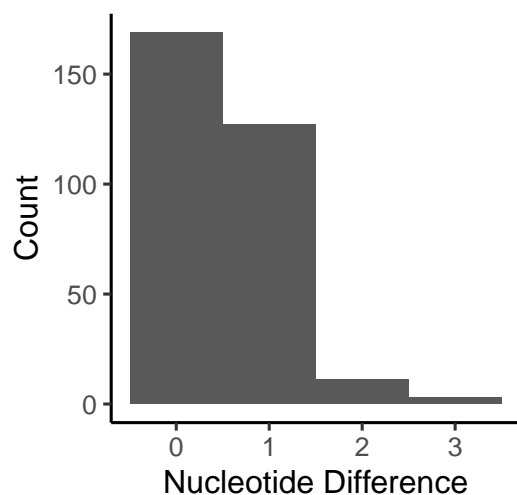
### TRBV13\*bp01

1485 sequences assigned  
493 (33.2%) exact matches, in which:  
337 unique CDR3  
14 unique J



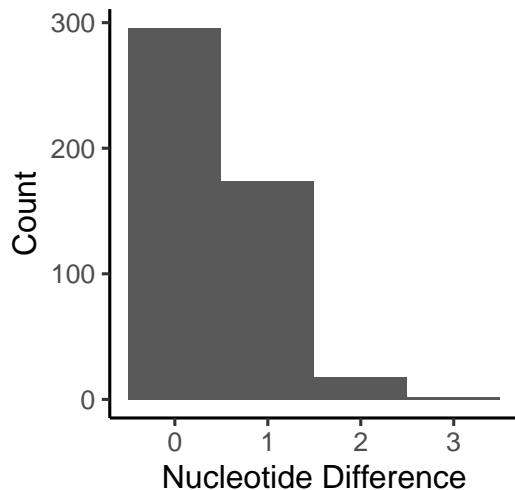
### TRBV18\*bp01

310 sequences assigned  
169 (54.5%) exact matches, in which:  
76 unique CDR3  
12 unique J



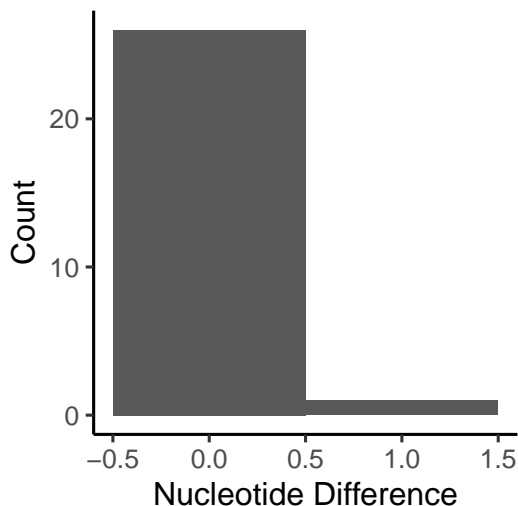
### TRBV19\*bp01

490 sequences assigned  
296 (60.4%) exact matches, in which:  
147 unique CDR3  
14 unique J



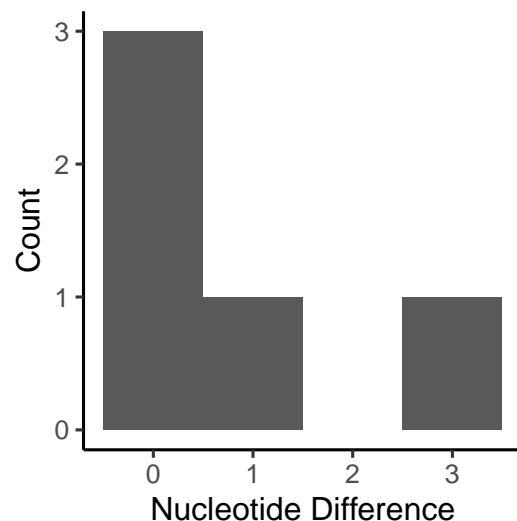
### TRBV28\*bp01

27 sequences assigned  
26 (96.3%) exact matches, in which:  
22 unique CDR3  
8 unique J



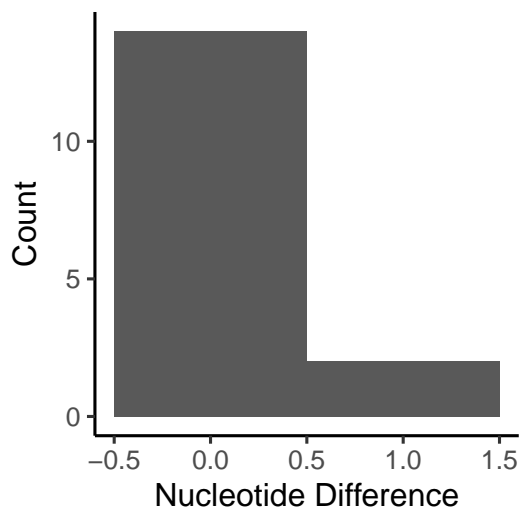
### TRBV9\*bp02

5 sequences assigned  
3 (60%) exact matches, in which:  
2 unique CDR3  
2 unique J



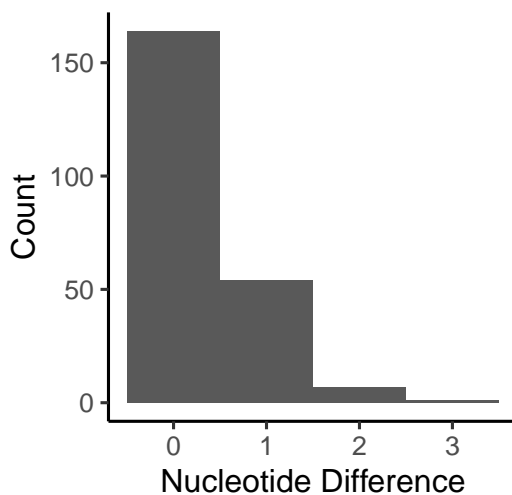
### TRBV2\*bp01

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



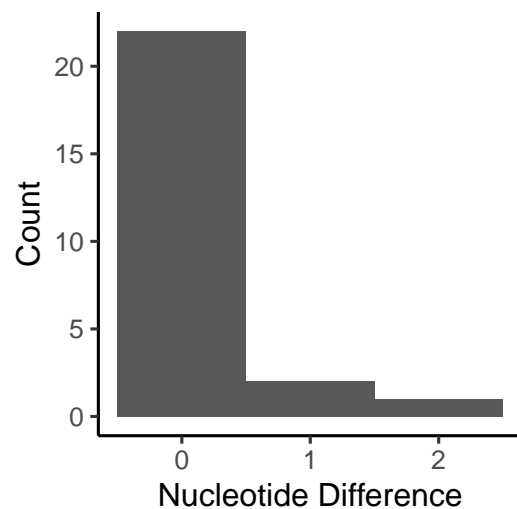
### TRBV30\*bp01

226 sequences assigned  
164 (72.6%) exact matches, in which:  
67 unique CDR3  
14 unique J



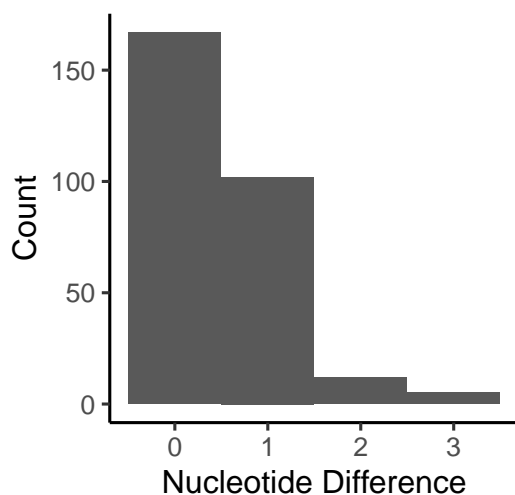
### TRBV21-1\*bp01

25 sequences assigned  
22 (88%) exact matches, in which:  
19 unique CDR3  
11 unique J



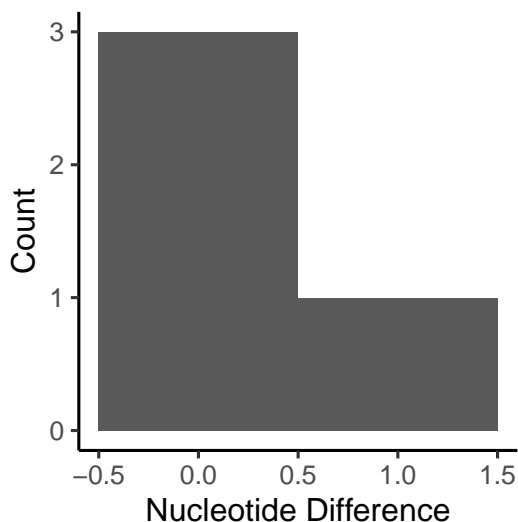
### TRBV27\*bp01

286 sequences assigned  
167 (58.4%) exact matches, in which:  
119 unique CDR3  
13 unique J



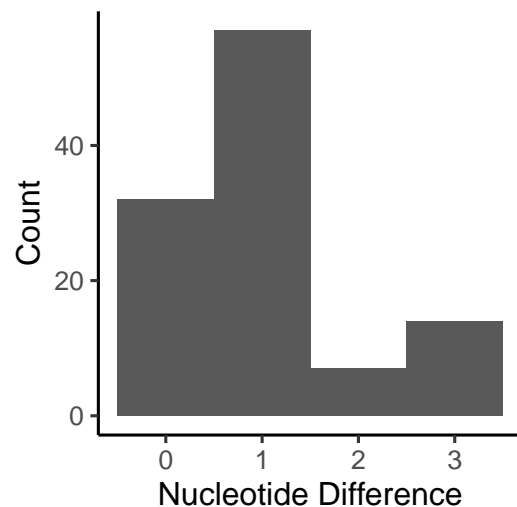
### TRBV9\*bp01

4 sequences assigned  
3 (75%) exact matches, in which:  
3 unique CDR3  
2 unique J



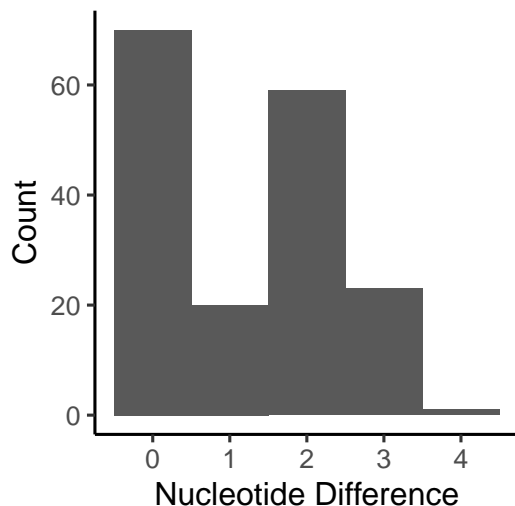
### TRBV11-1\*bp01

110 sequences assigned  
32 (29.1%) exact matches, in which:  
24 unique CDR3  
7 unique J



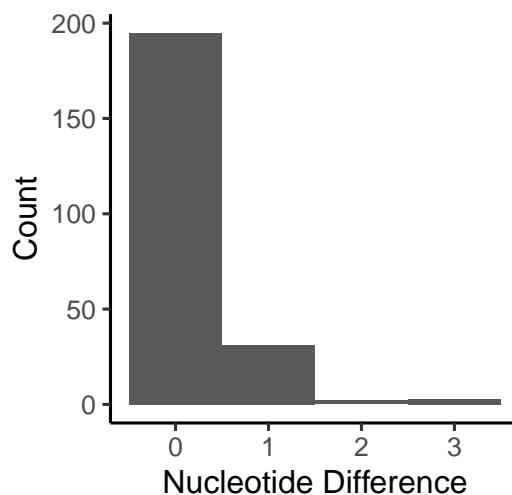
### TRBV11–2\*bp01

173 sequences assigned  
70 (40.5%) exact matches, in which:  
49 unique CDR3  
8 unique J



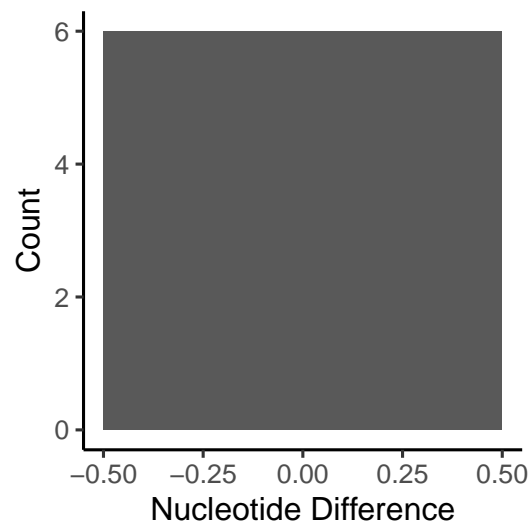
### TRBV12–34\*bp01

231 sequences assigned  
195 (84.4%) exact matches, in which:  
89 unique CDR3  
13 unique J



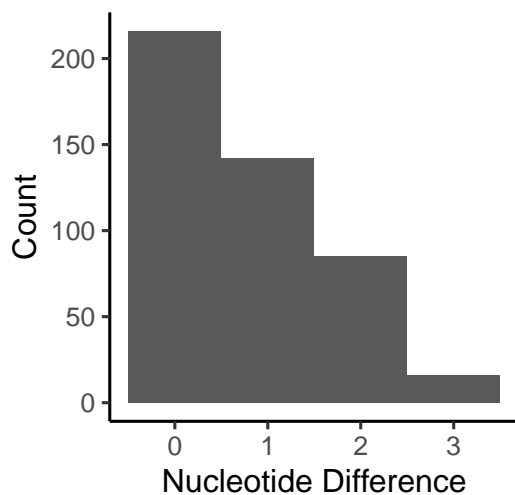
### TRBV4–1\*bp01

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



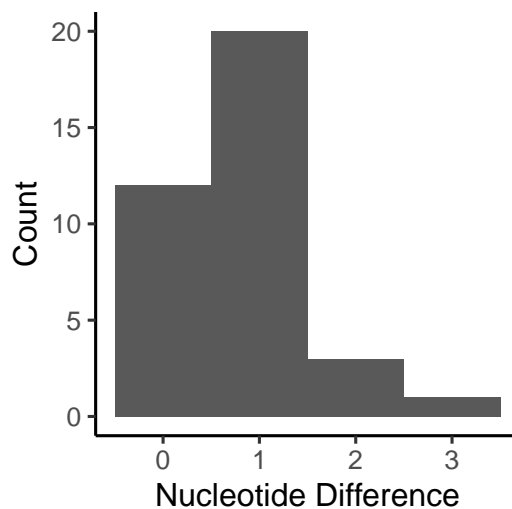
### TRBV11–3\*bp01

459 sequences assigned  
216 (47.1%) exact matches, in which:  
134 unique CDR3  
13 unique J



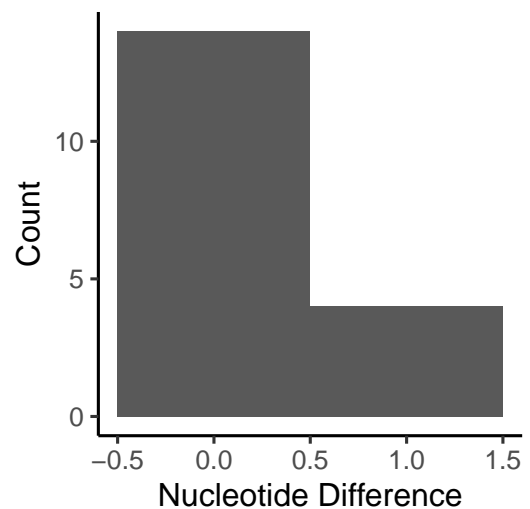
### TRBV23–1\*bp01

36 sequences assigned  
12 (33.3%) exact matches, in which:  
7 unique CDR3  
2 unique J



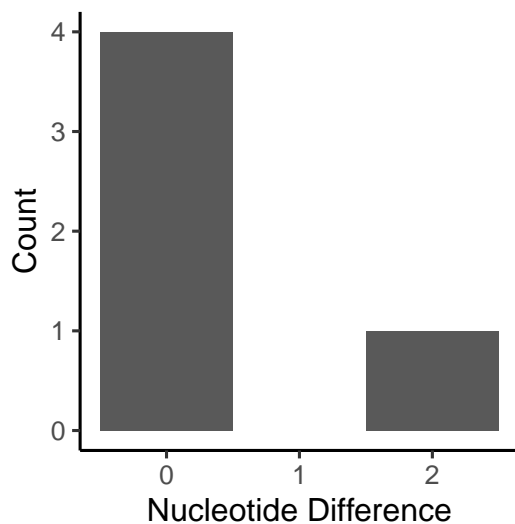
### TRBV4–2\*bp01

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



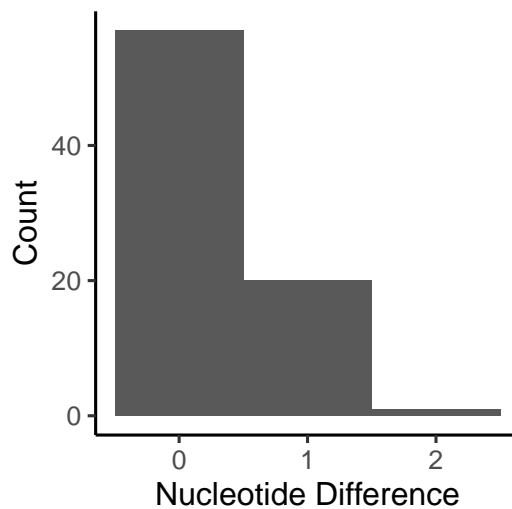
### TRBV12–5\*bp01

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



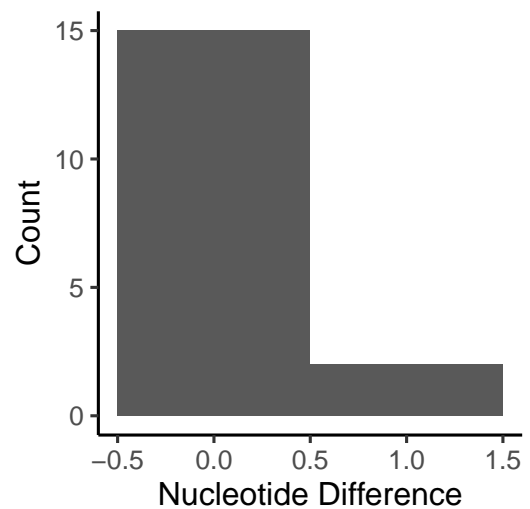
### TRBV24–1\*bp01

78 sequences assigned  
57 (73.1%) exact matches, in which:  
44 unique CDR3  
10 unique J



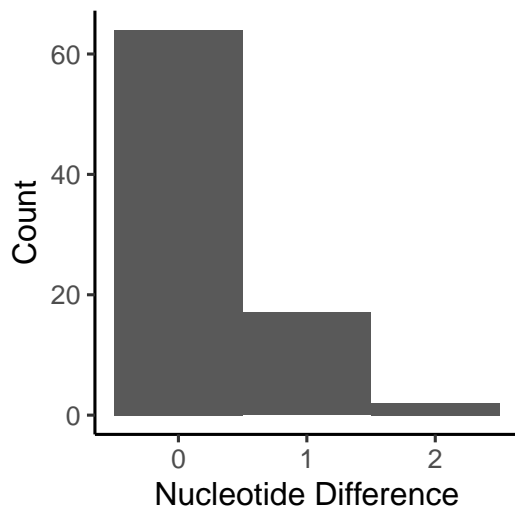
### TRBV4–3\*bp01

17 sequences assigned  
15 (88.2%) exact matches, in which:  
9 unique CDR3  
4 unique J



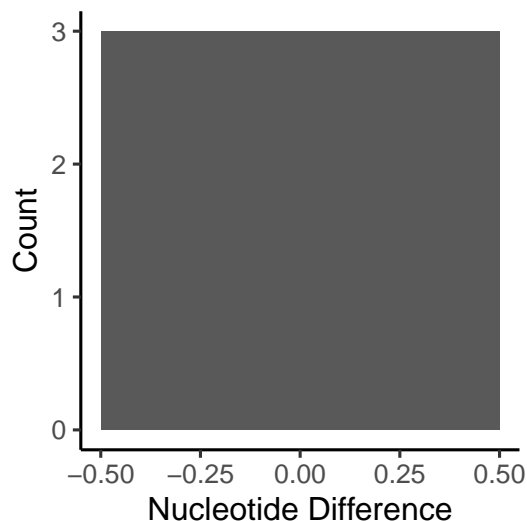
### TRBV5-1\*bp01

83 sequences assigned  
64 (77.1%) exact matches, in which:  
41 unique CDR3  
10 unique J



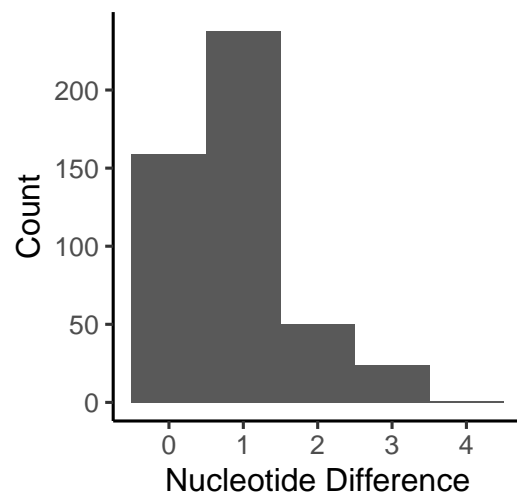
### TRBV5-3\*bp02

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



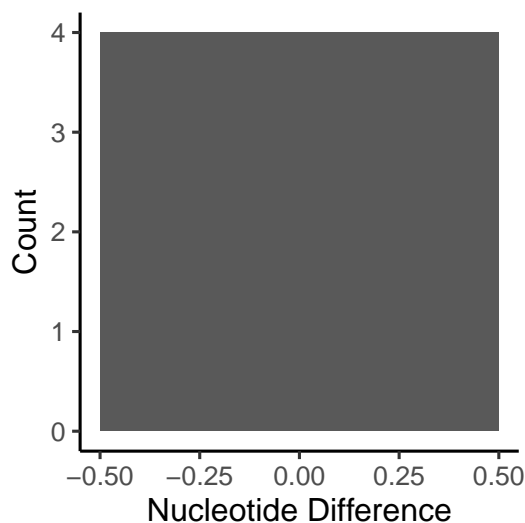
### TRBV5-6\*bp01

472 sequences assigned  
159 (33.7%) exact matches, in which:  
101 unique CDR3  
12 unique J



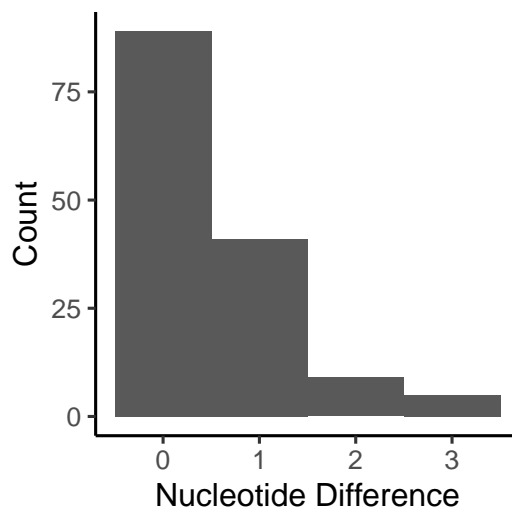
### TRBV25-1\*bp01

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



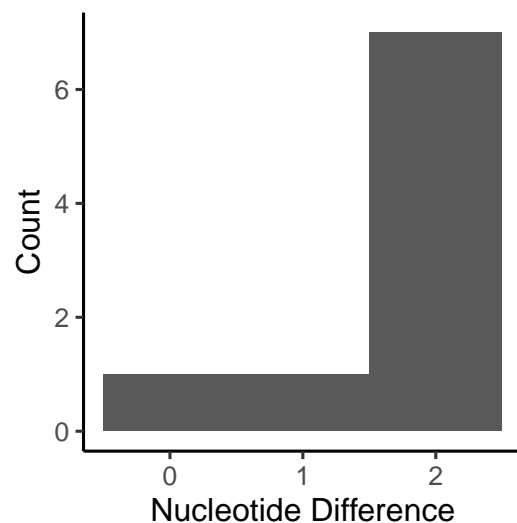
### TRBV5-4\*bp01

144 sequences assigned  
89 (61.8%) exact matches, in which:  
46 unique CDR3  
12 unique J



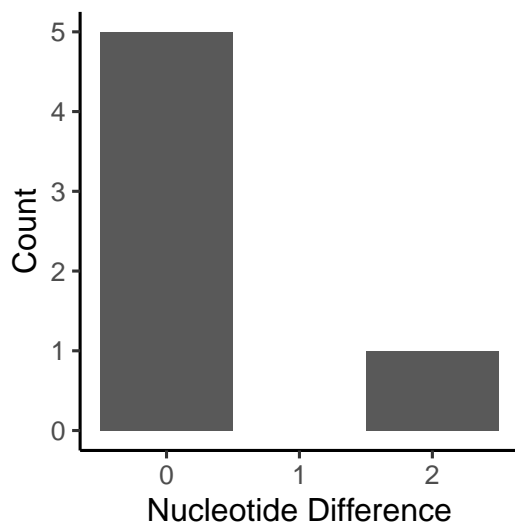
### TRBV5-7\*bp01

9 sequences assigned  
1 (11.1%) exact matches, in which:  
1 unique CDR3  
1 unique J



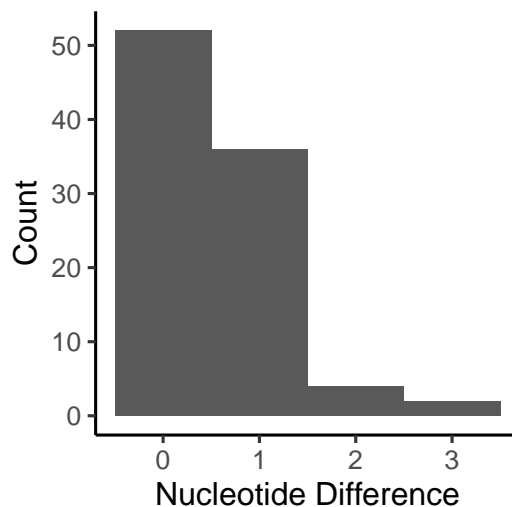
### TRBV5-3\*bp01

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



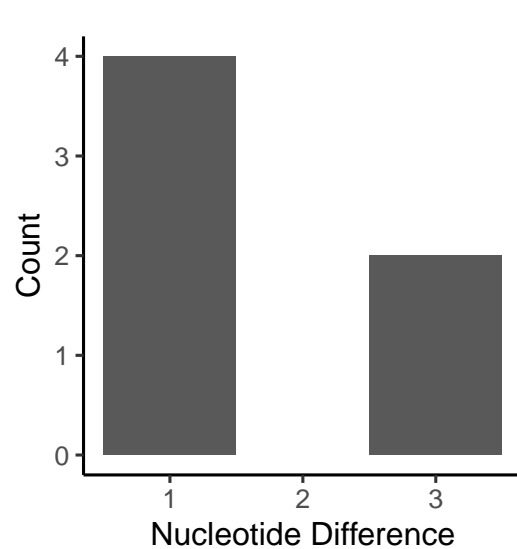
### TRBV5-5\*bp01

94 sequences assigned  
52 (55.3%) exact matches, in which:  
24 unique CDR3  
8 unique J



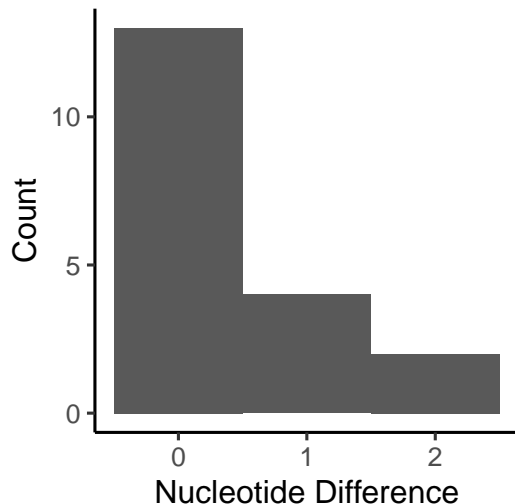
### TRBV5-8\*bp01

6 sequences assigned  
No exact matches.



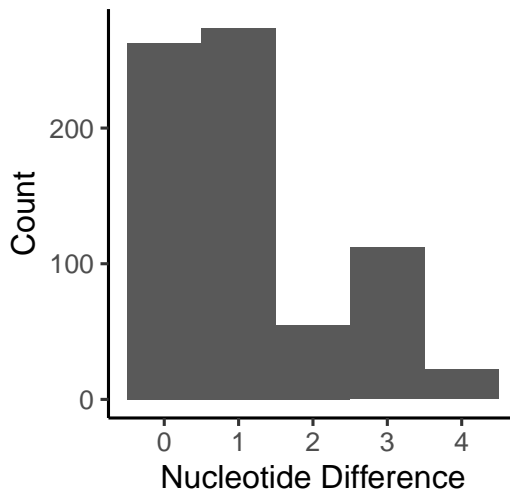
### TRBV6-1\*bp01

19 sequences assigned  
13 (68.4%) exact matches, in which:  
11 unique CDR3  
5 unique J



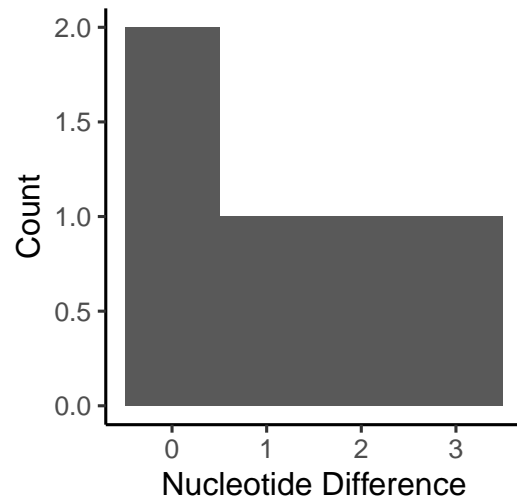
### TRBV6-6\*bp01

726 sequences assigned  
263 (36.2%) exact matches, in which:  
172 unique CDR3  
14 unique J



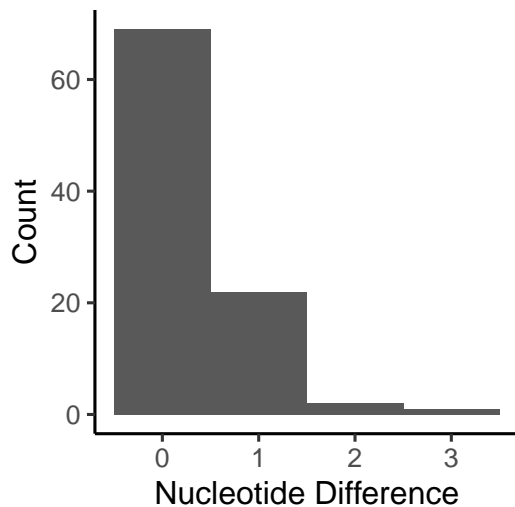
### TRBV6-9\*bp01

5 sequences assigned  
2 (40%) exact matches, in which:  
2 unique CDR3  
2 unique J



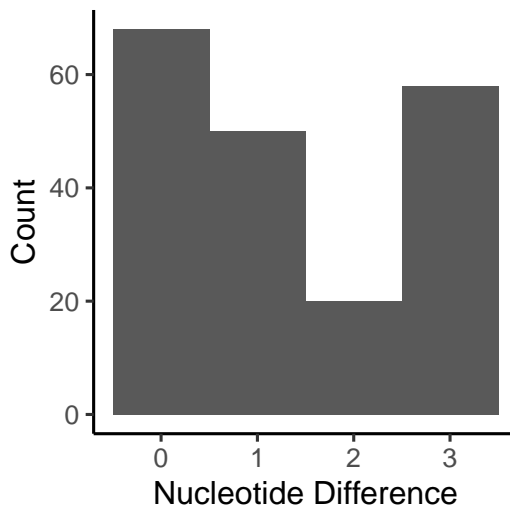
### TRBV6-4\*bp01

94 sequences assigned  
69 (73.4%) exact matches, in which:  
31 unique CDR3  
10 unique J



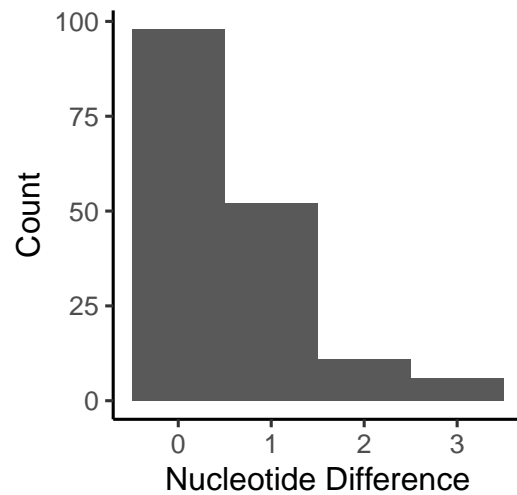
### TRBV6-6\*bp02

196 sequences assigned  
68 (34.7%) exact matches, in which:  
49 unique CDR3  
12 unique J



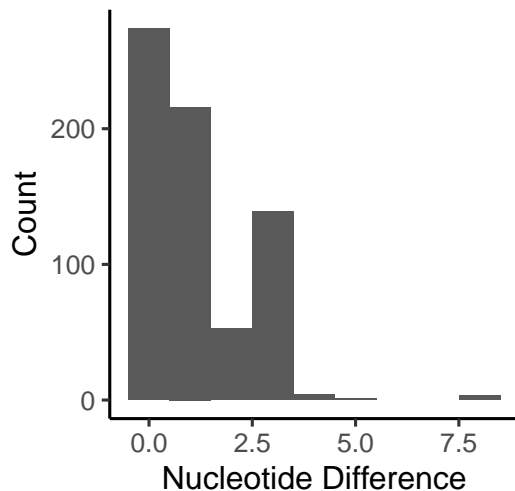
### TRBV6-23\*bp01

167 sequences assigned  
98 (58.7%) exact matches, in which:  
68 unique CDR3  
12 unique J



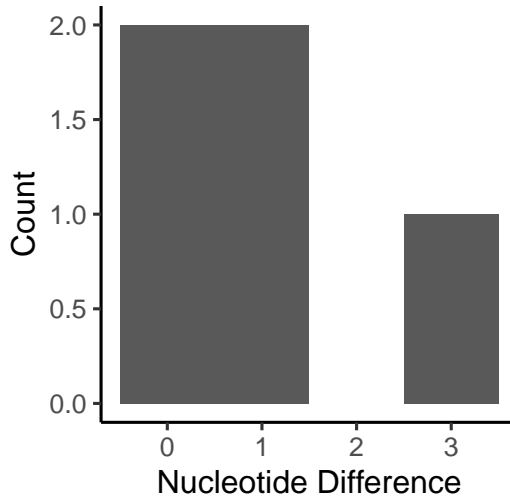
### TRBV6-5\*bp01

690 sequences assigned  
274 (39.7%) exact matches, in which:  
192 unique CDR3  
14 unique J



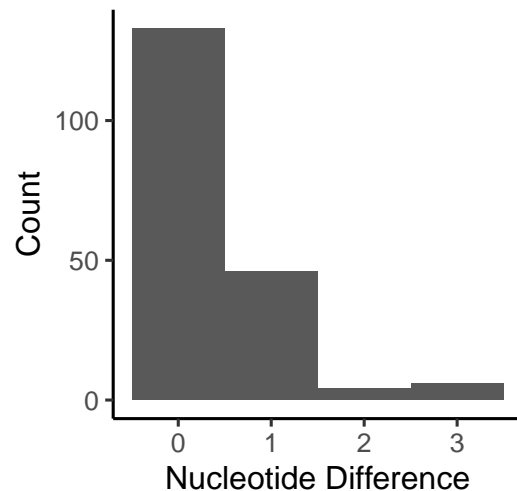
### TRBV6-8\*bp01

5 sequences assigned  
2 (40%) exact matches, in which:  
2 unique CDR3  
1 unique J



### TRBV7-2\*bp01

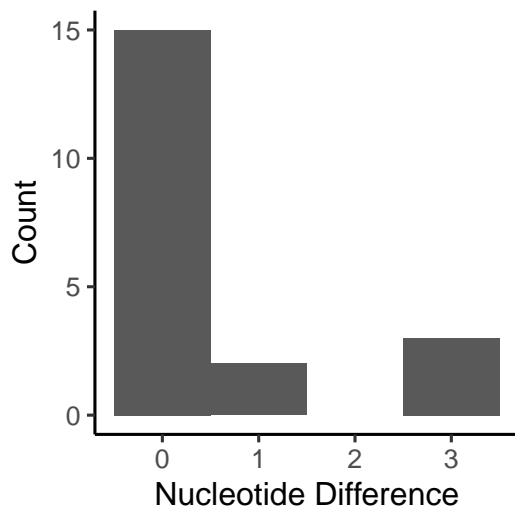
189 sequences assigned  
133 (70.4%) exact matches, in which:  
71 unique CDR3  
14 unique J





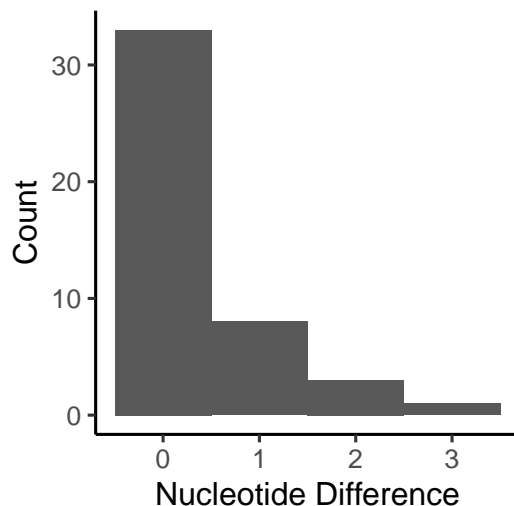
### TRBV7-3\*bp01

20 sequences assigned  
15 (75%) exact matches, in which:  
10 unique CDR3  
5 unique J



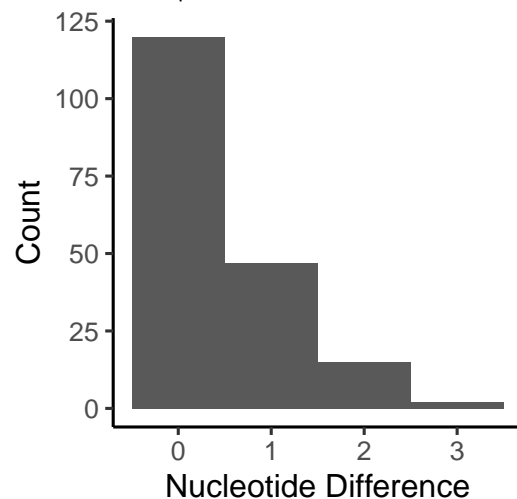
### TRBV7-6\*bp01

45 sequences assigned  
33 (73.3%) exact matches, in which:  
20 unique CDR3  
11 unique J



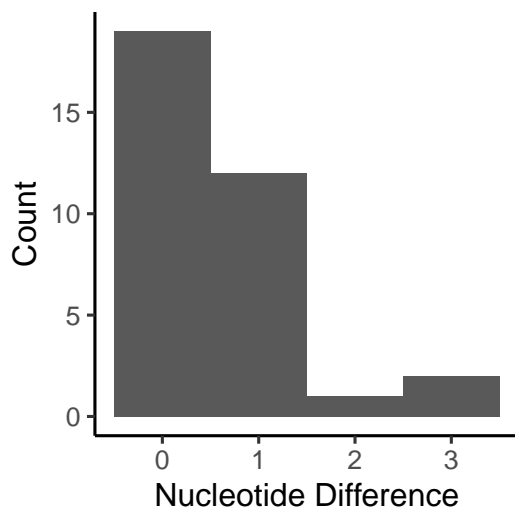
### TRBV7-9\*bp01

184 sequences assigned  
120 (65.2%) exact matches, in which:  
68 unique CDR3  
12 unique J



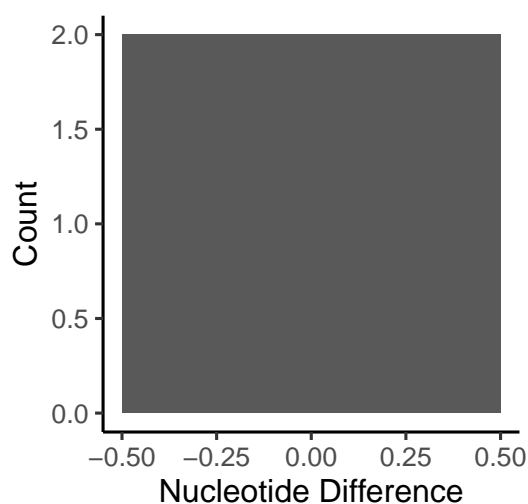
### TRBV7-3\*bp03

34 sequences assigned  
19 (55.9%) exact matches, in which:  
13 unique CDR3  
4 unique J



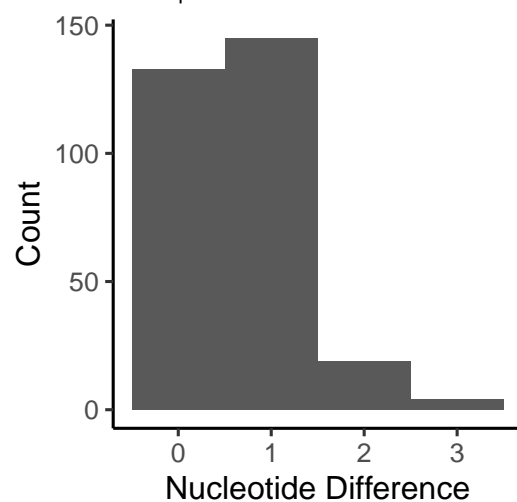
### TRBV7-7\*bp01

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



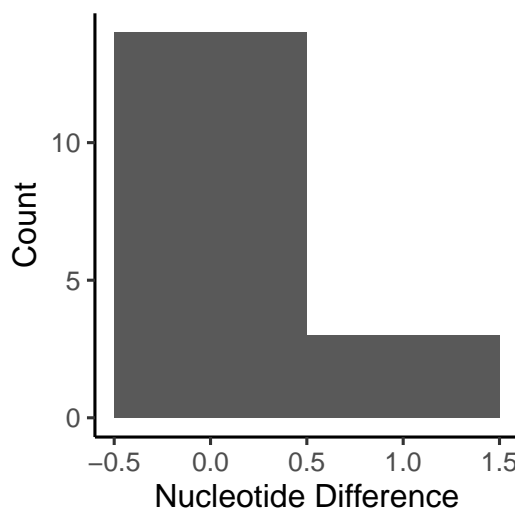
### TRBV29-1\*bp01

301 sequences assigned  
133 (44.2%) exact matches, in which:  
87 unique CDR3  
10 unique J



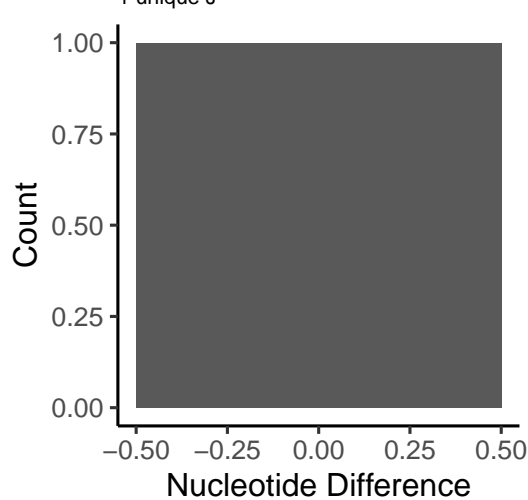
### TRBV7-4\*bp01

17 sequences assigned  
14 (82.4%) exact matches, in which:  
9 unique CDR3  
5 unique J



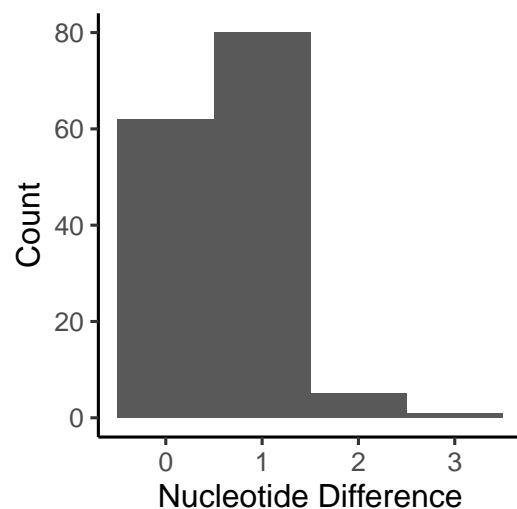
### TRBV7-8\*bp01

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

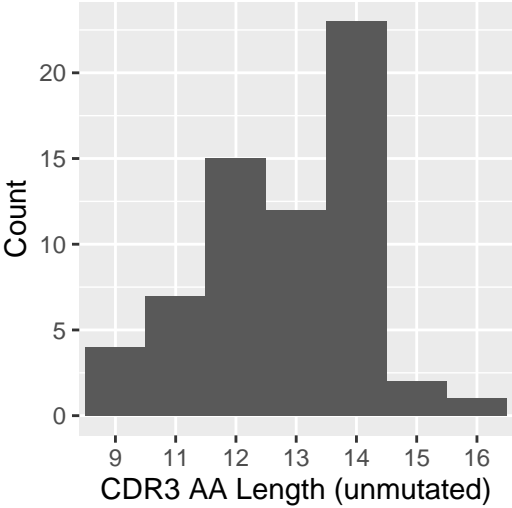


### TRBV29-1\*bp03

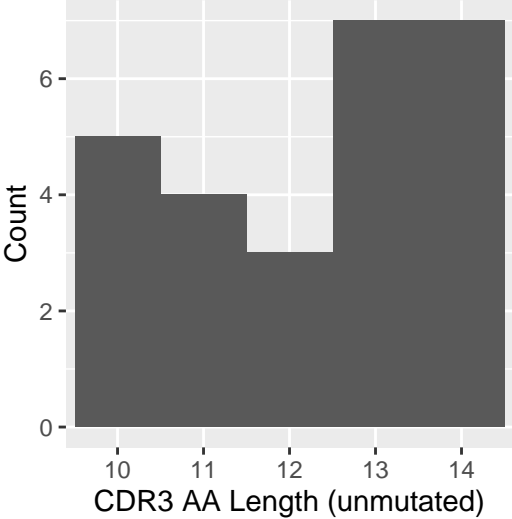
148 sequences assigned  
62 (41.9%) exact matches, in which:  
32 unique CDR3  
9 unique J



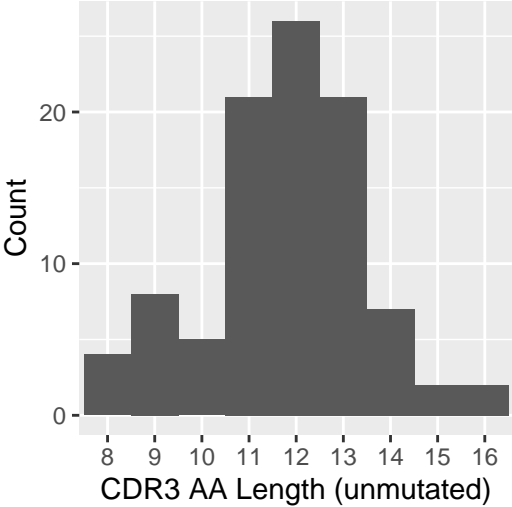
TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



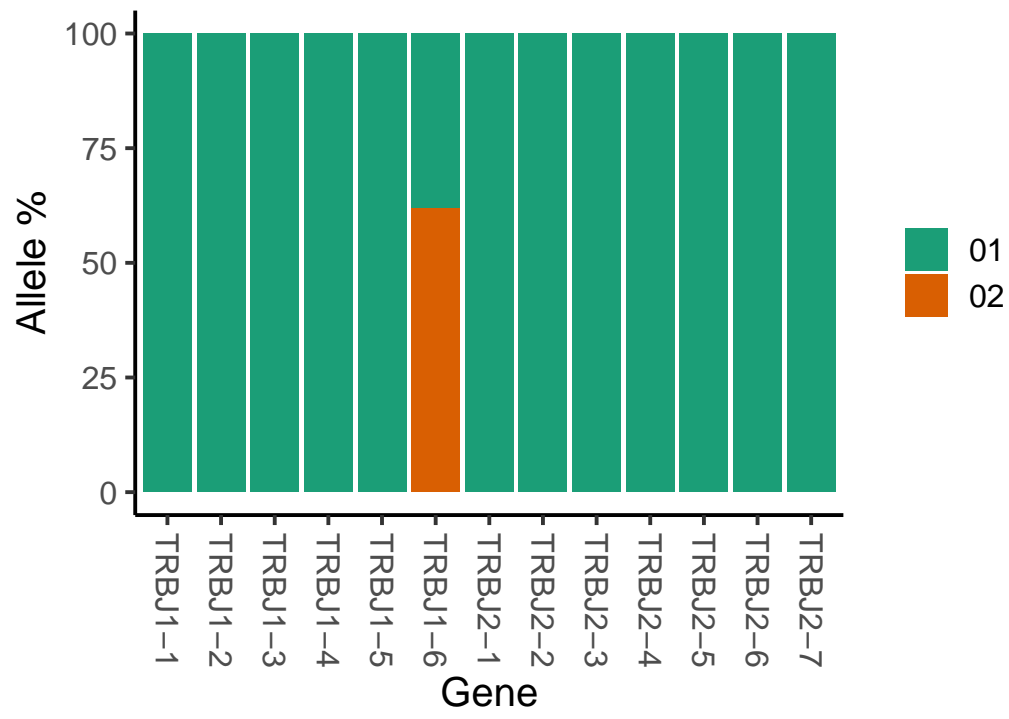
TRBV14\*bp02\_322CAAGA326



TRBV20-1\*bp04\_322GA323



Allele Usage



Sequence Count by TRBJ1–6 allele usage



[illegible]