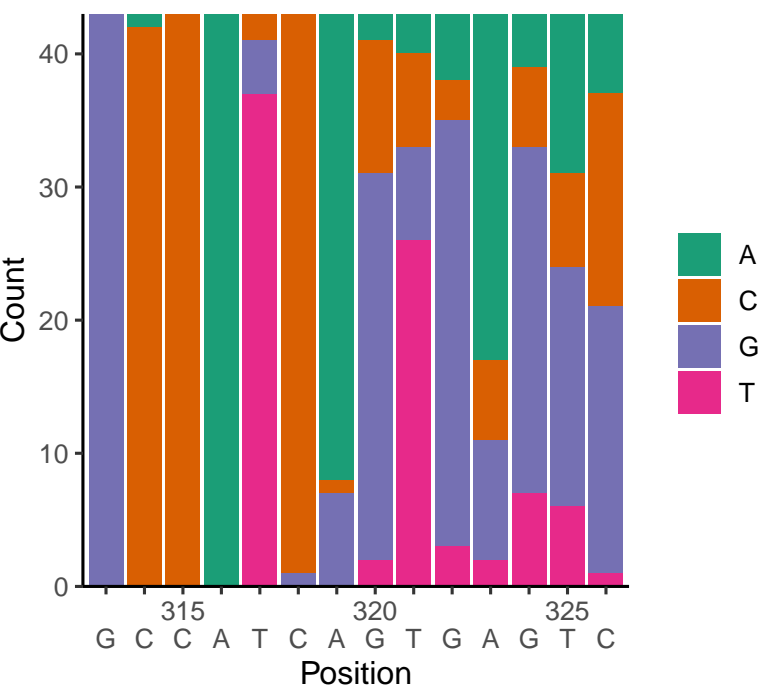
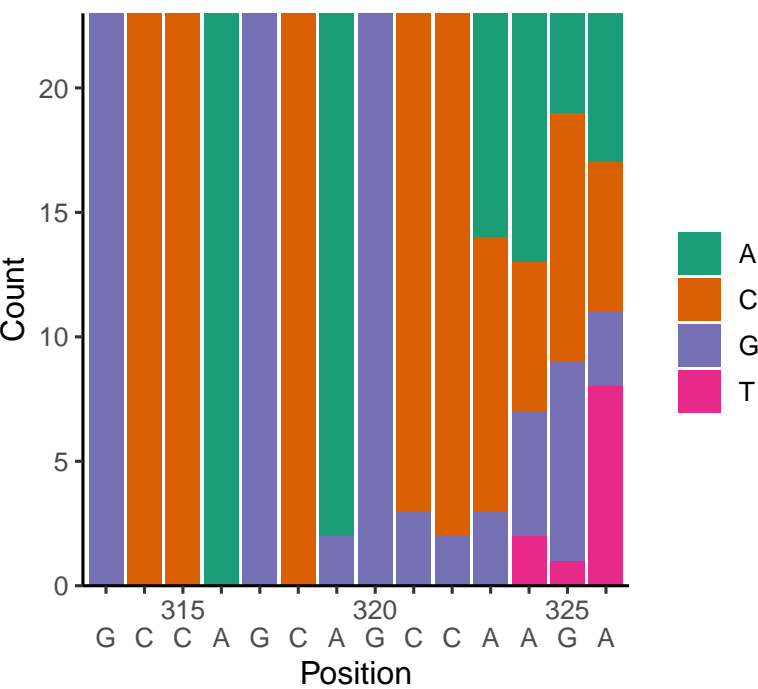


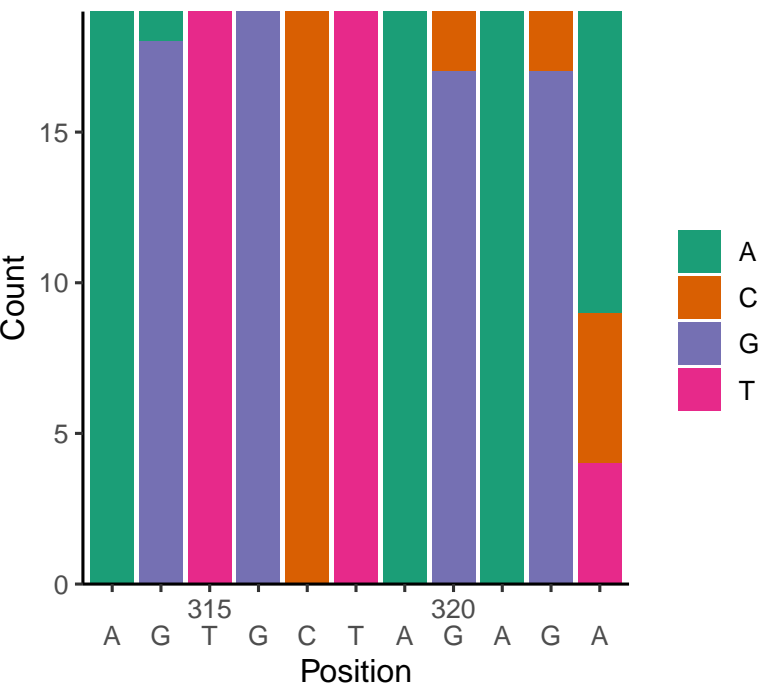
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



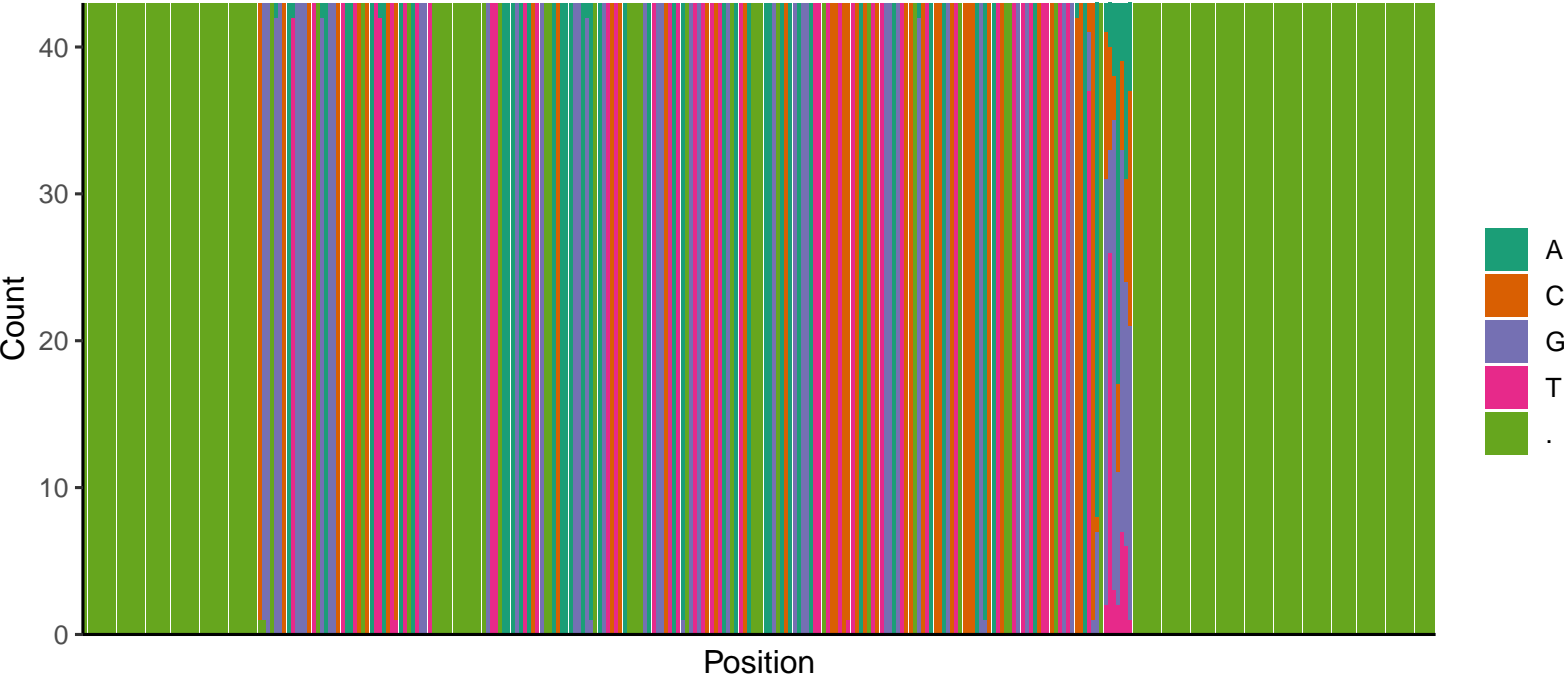
Gene TRBV14\*bp02\_322CAAGA326



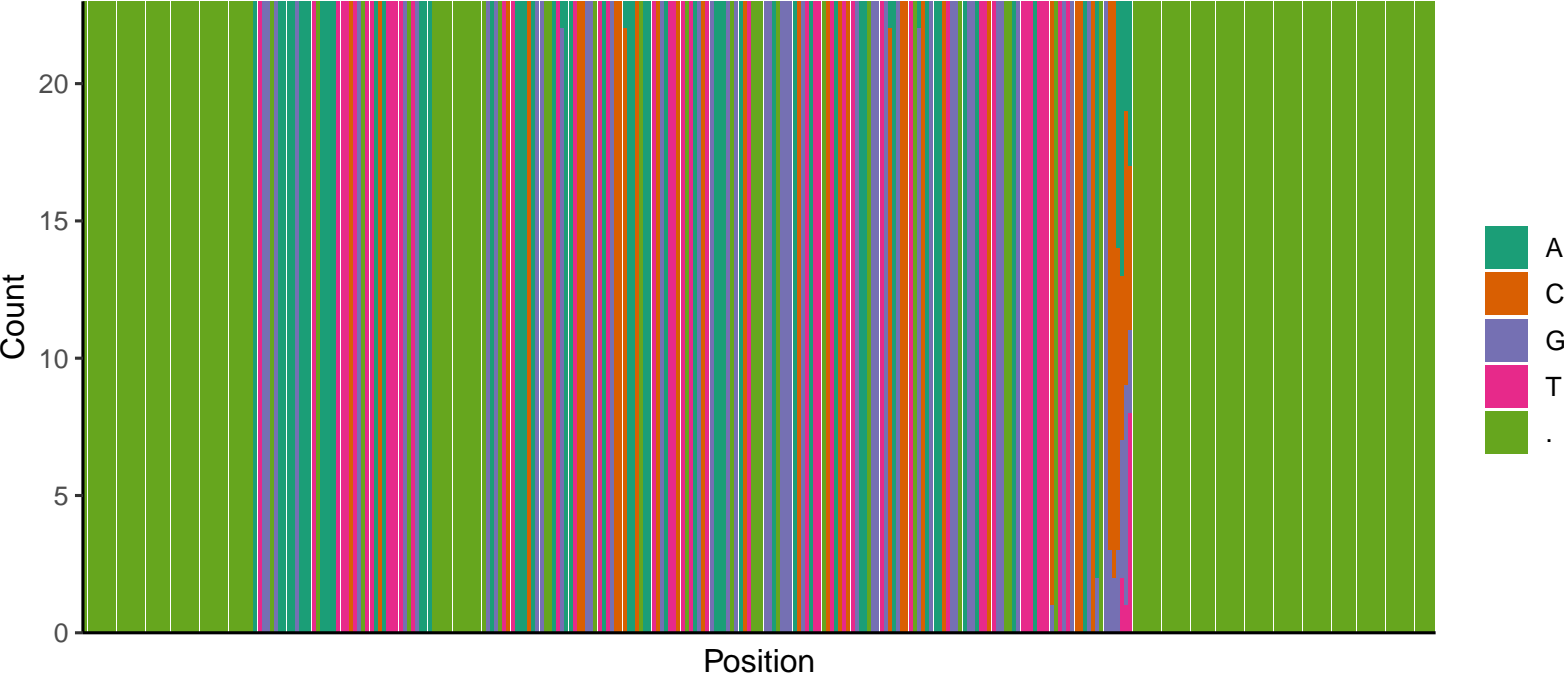
Gene TRBV20-1\*bp04\_322GA323



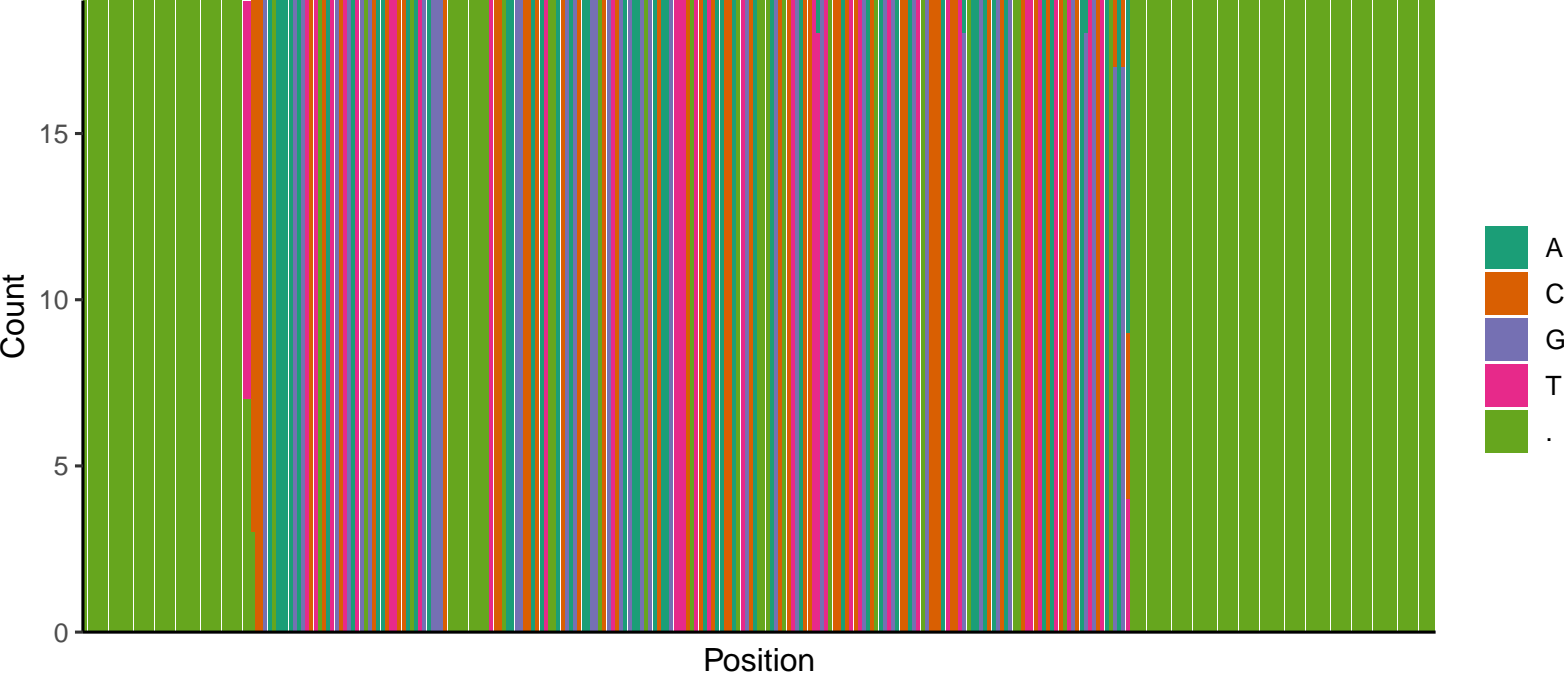
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



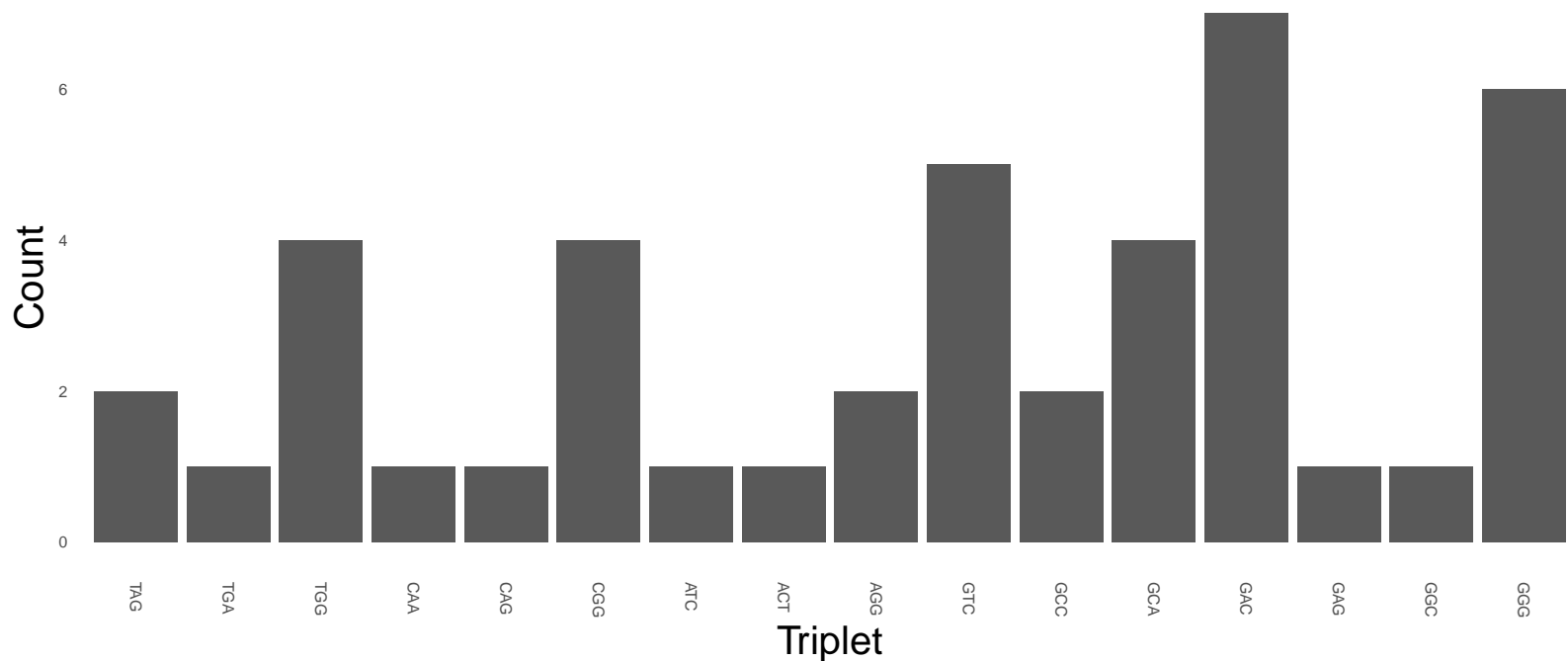
Gene TRBV14\*bp02\_322CAAGA326



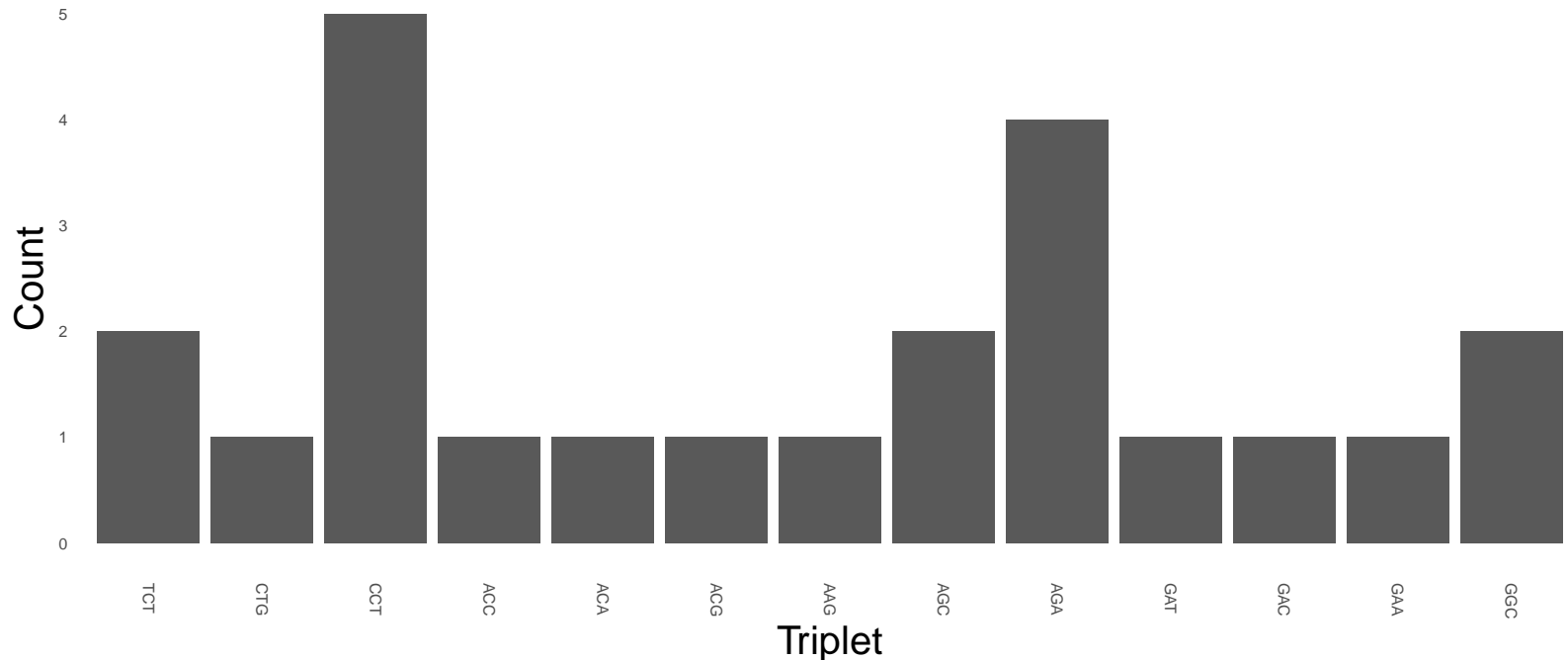
Gene TRBV20-1\*bp04\_322GA323



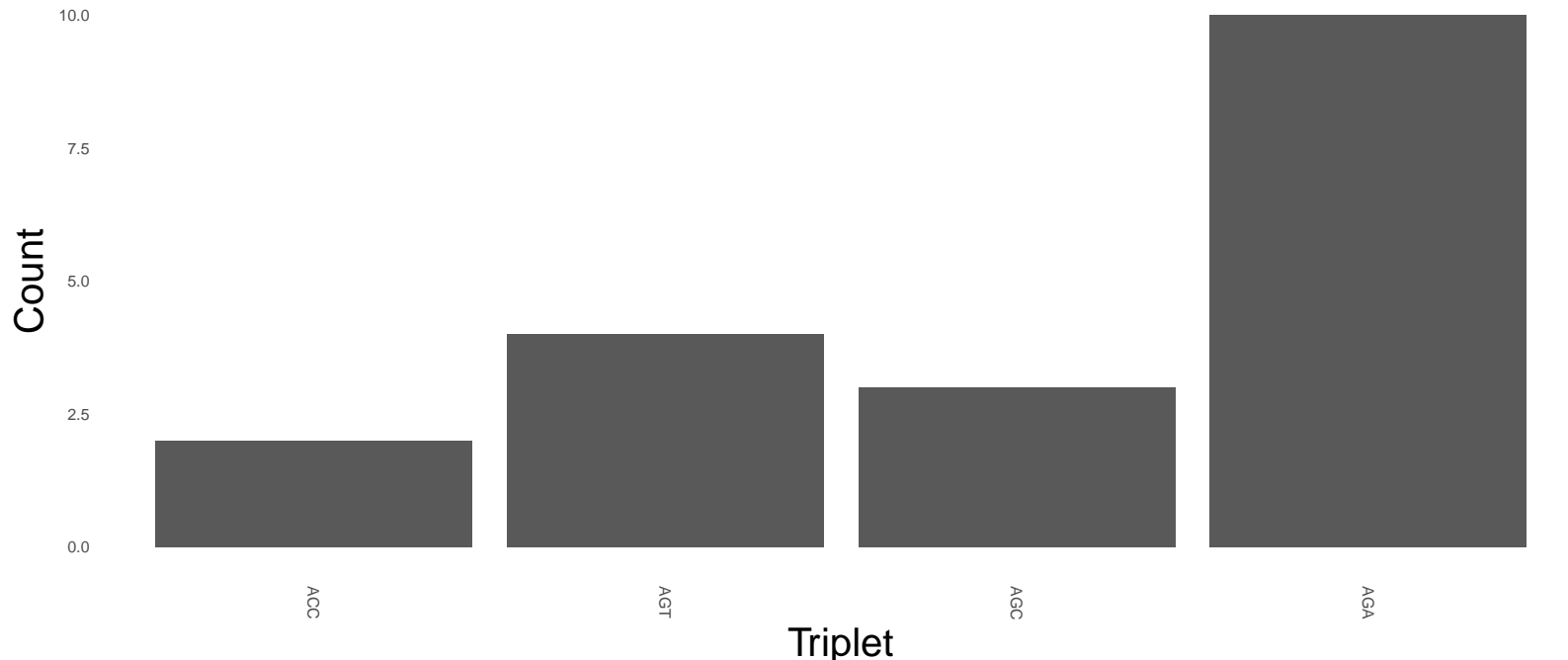
TRBV10–3\*bp02\_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



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

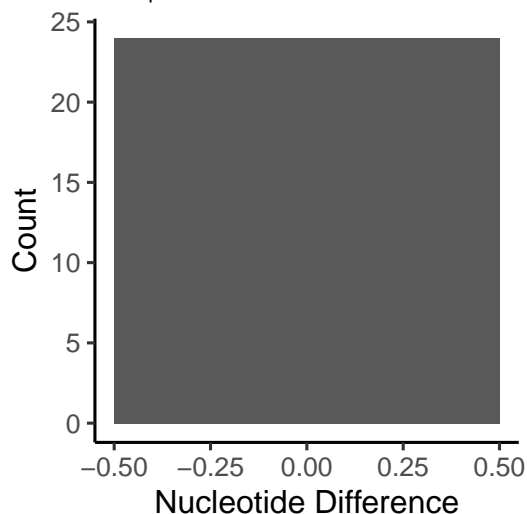


TRBV20–1\*bp04\_322GA323– Final 3 nucleotides as a triplet



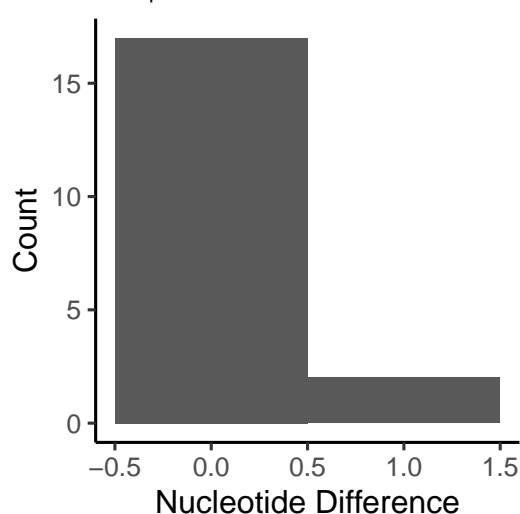
### TRBV20–1\*bp01

24 sequences assigned  
24 (100%) exact matches, in which:  
23 unique CDR3  
8 unique J



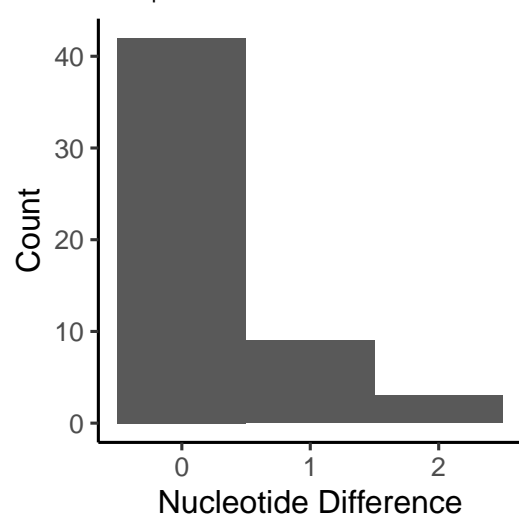
### TRBV20–1\*bp04\_322GA3

19 sequences assigned  
17 (89.5%) exact matches, in which:  
11 unique CDR3  
7 unique J



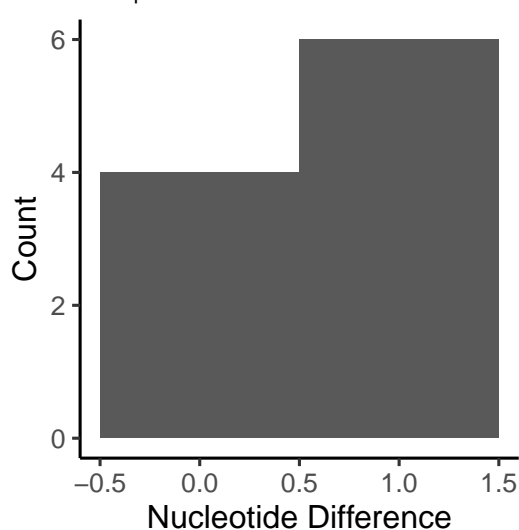
### TRBV10–3\*bp01

54 sequences assigned  
42 (77.8%) exact matches, in which:  
38 unique CDR3  
9 unique J



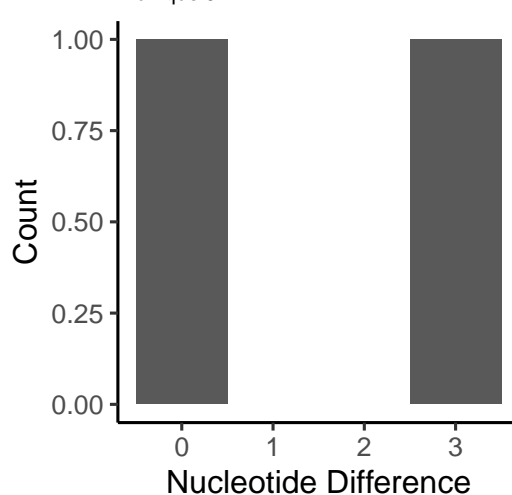
### TRBV10–1\*bp02

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



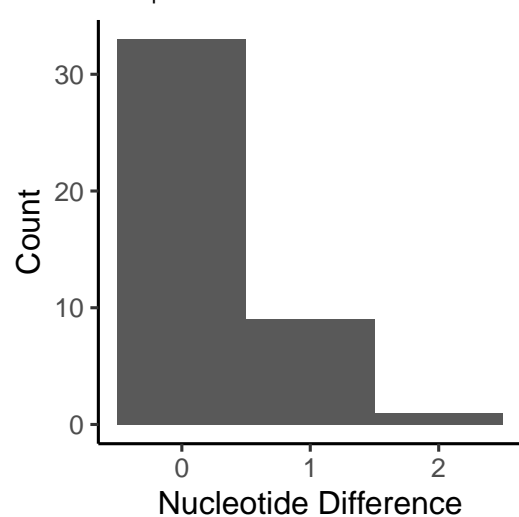
### TRBV10–2\*bp01

2 sequences assigned  
1 (50%) exact matches, in which:  
1 unique CDR3  
1 unique J



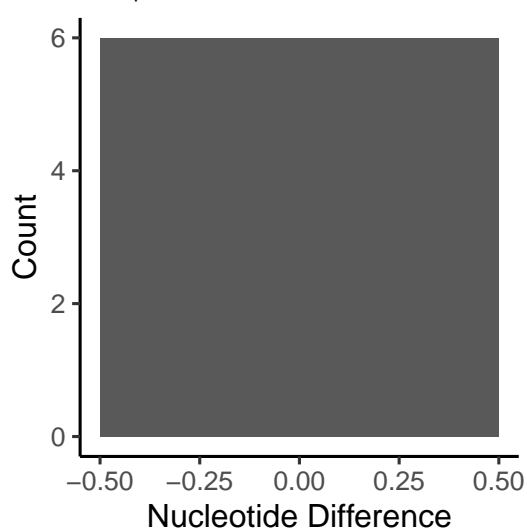
### TRBV10–3\*bp02\_313GCC

43 sequences assigned  
33 (76.7%) exact matches, in which:  
28 unique CDR3  
9 unique J



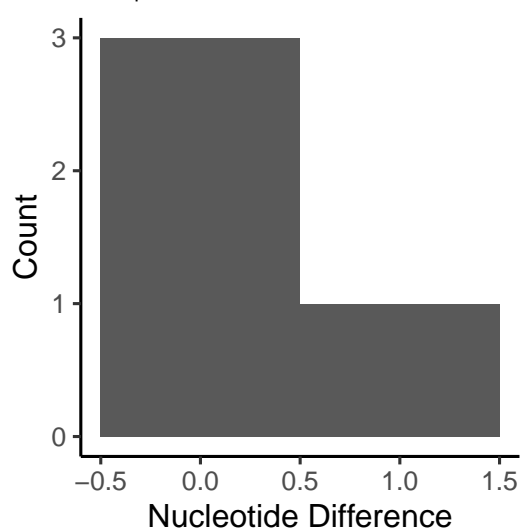
### TRBV20–1\*bp03

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



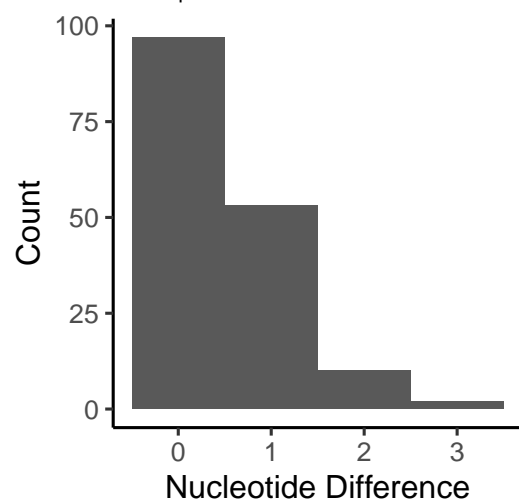
### TRBV10–2\*bp02

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



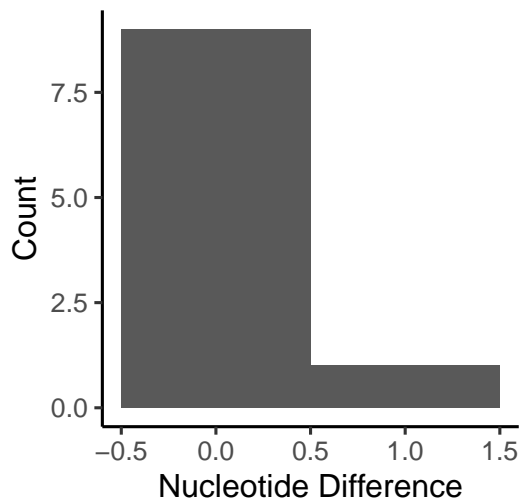
### TRBV13\*bp01

162 sequences assigned  
97 (59.9%) exact matches, in which:  
79 unique CDR3  
12 unique J



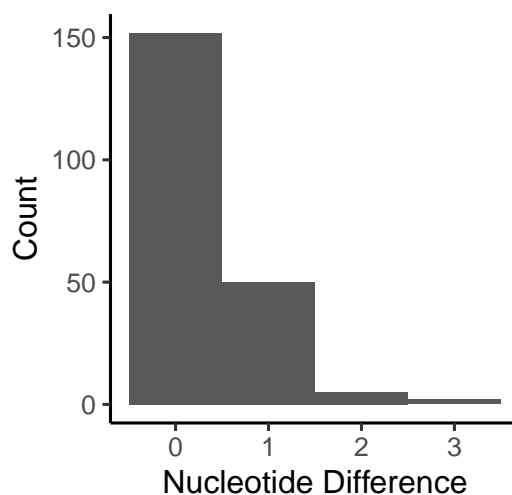
### TRBV14\*bp01

10 sequences assigned  
9 (90%) exact matches, in which:  
7 unique CDR3  
7 unique J



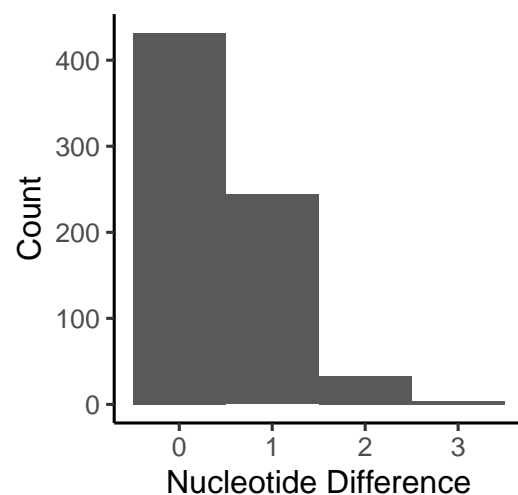
### TRBV18\*bp01

209 sequences assigned  
152 (72.7%) exact matches, in which:  
97 unique CDR3  
13 unique J



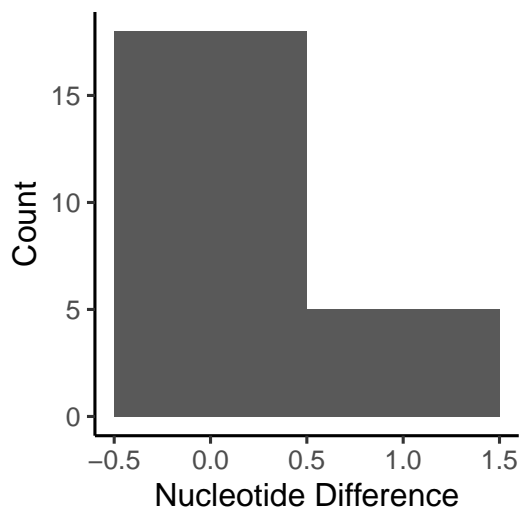
### TRBV27\*bp01

713 sequences assigned  
432 (60.6%) exact matches, in which:  
320 unique CDR3  
14 unique J



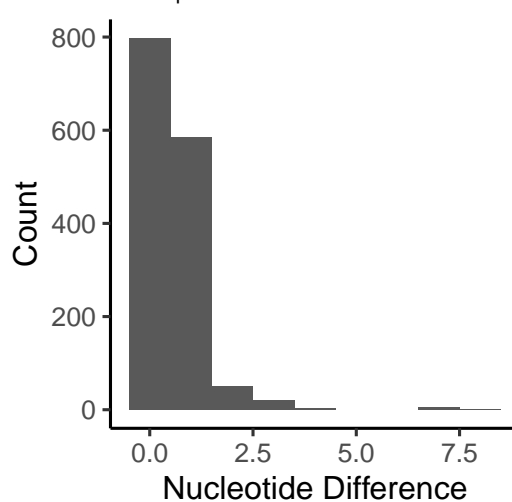
### TRBV14\*bp02\_322CAAG/

23 sequences assigned  
18 (78.3%) exact matches, in which:  
16 unique CDR3  
9 unique J



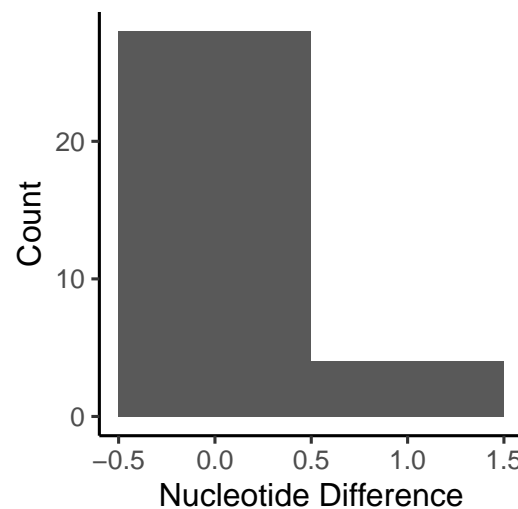
### TRBV19\*bp01

1465 sequences assigned  
798 (54.5%) exact matches, in which:  
483 unique CDR3  
14 unique J



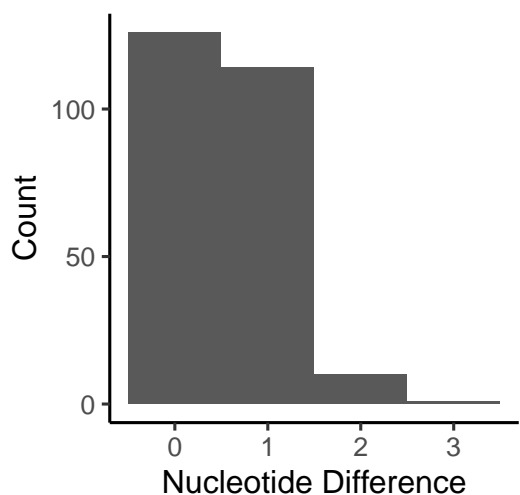
### TRBV28\*bp01

32 sequences assigned  
28 (87.5%) exact matches, in which:  
26 unique CDR3  
8 unique J



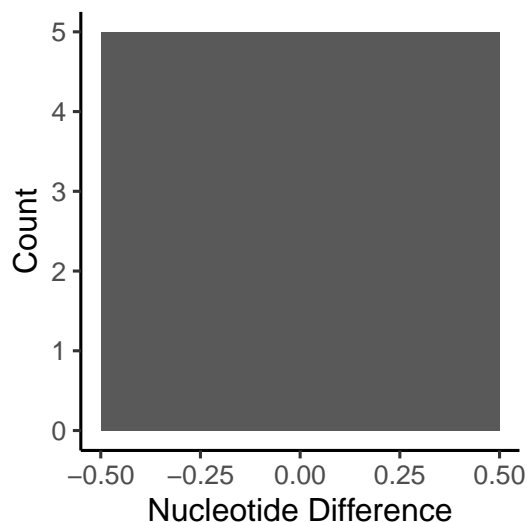
### TRBV15\*bp02

251 sequences assigned  
126 (50.2%) exact matches, in which:  
72 unique CDR3  
14 unique J



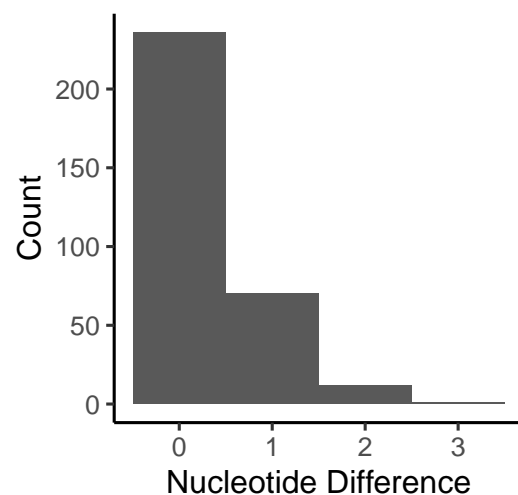
### TRBV2\*bp01

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



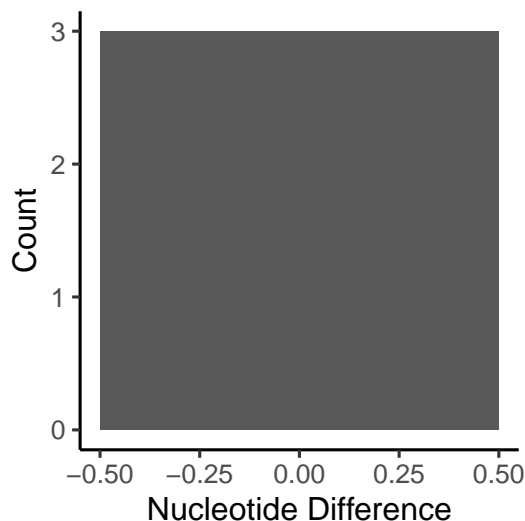
### TRBV30\*bp01

319 sequences assigned  
236 (74%) exact matches, in which:  
113 unique CDR3  
13 unique J



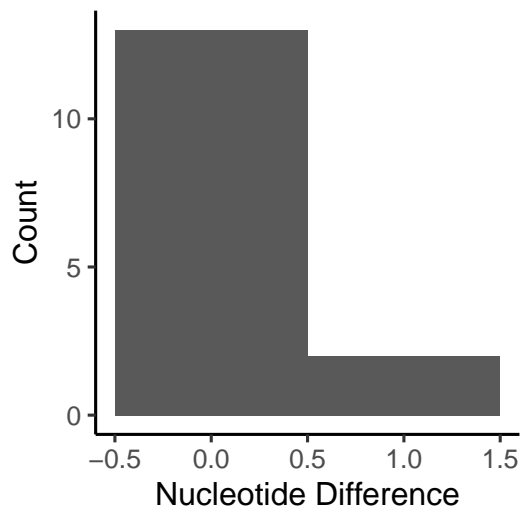
### TRBV9\*bp01

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



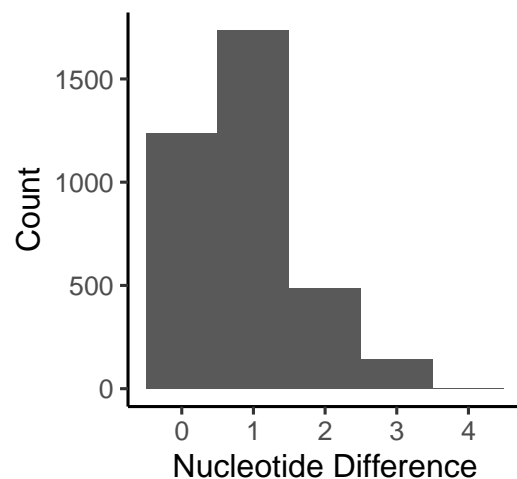
### TRBV21-1\*bp01

15 sequences assigned  
13 (86.7%) exact matches, in which:  
12 unique CDR3  
6 unique J



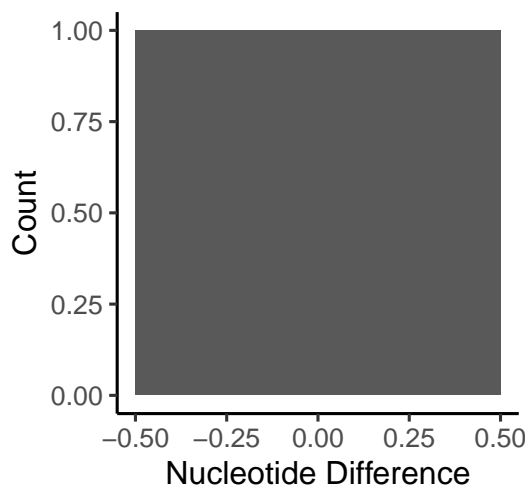
### TRBV11-3\*bp01

3604 sequences assigned  
1237 (34.3%) exact matches, in which:  
637 unique CDR3  
14 unique J



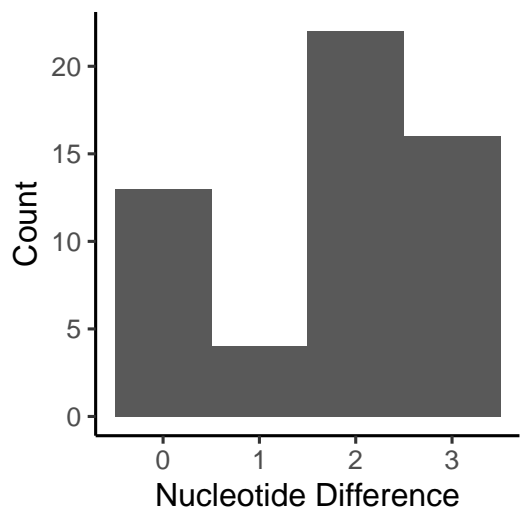
### TRBV9\*bp02

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



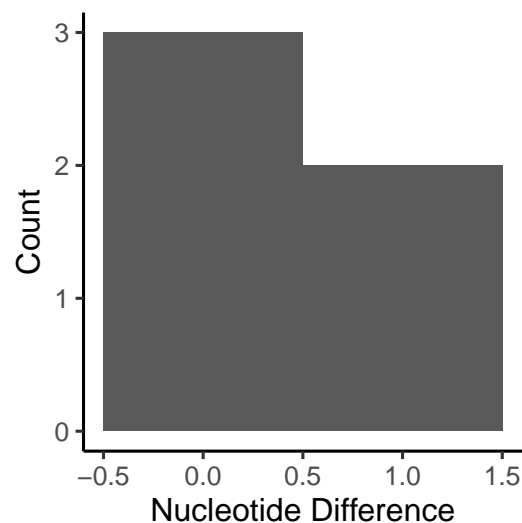
### TRBV11-2\*bp01

55 sequences assigned  
13 (23.6%) exact matches, in which:  
13 unique CDR3  
7 unique J



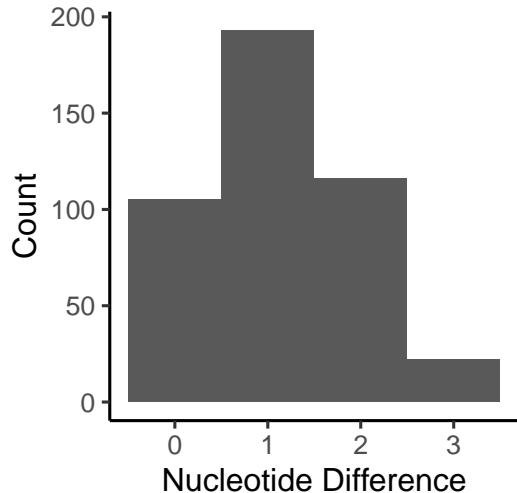
### TRBV12-5\*bp01

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



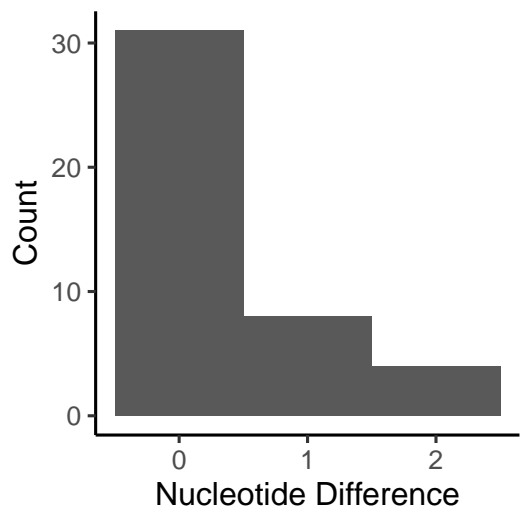
### TRBV11-1\*bp01

436 sequences assigned  
105 (24.1%) exact matches, in which:  
60 unique CDR3  
10 unique J



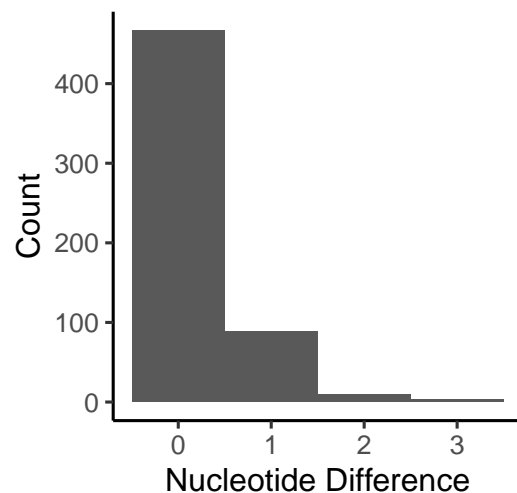
### TRBV11-2\*bp03

43 sequences assigned  
31 (72.1%) exact matches, in which:  
25 unique CDR3  
7 unique J



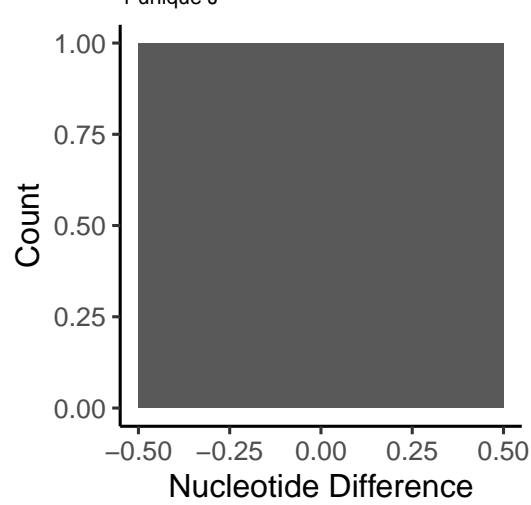
### TRBV12-34\*bp01

569 sequences assigned  
467 (82.1%) exact matches, in which:  
263 unique CDR3  
14 unique J



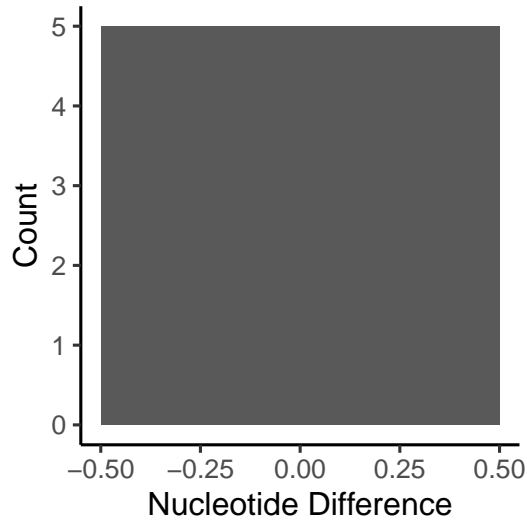
### TRBV23-1\*bp01

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



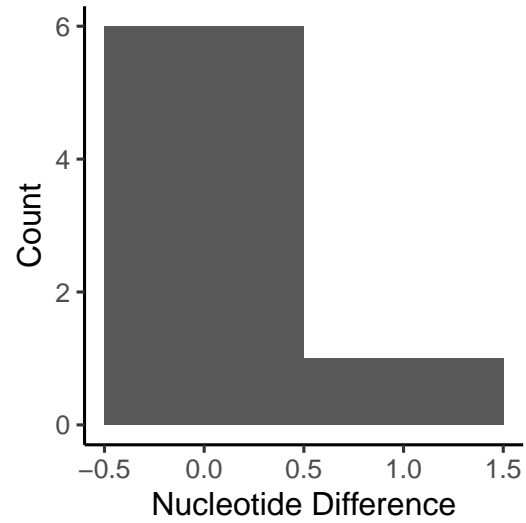
### TRBV4-2\*bp01

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



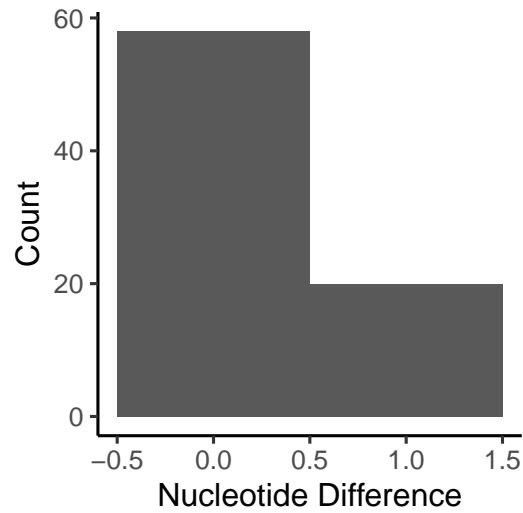
### TRBV5-3\*bp01

7 sequences assigned  
6 (85.7%) exact matches, in which:  
5 unique CDR3  
3 unique J



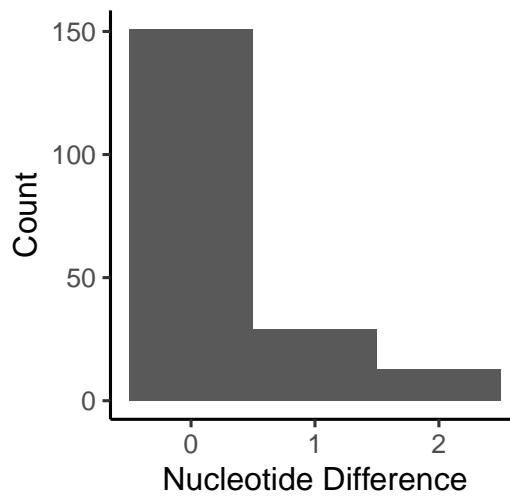
### TRBV24-1\*bp01

78 sequences assigned  
58 (74.4%) exact matches, in which:  
50 unique CDR3  
11 unique J



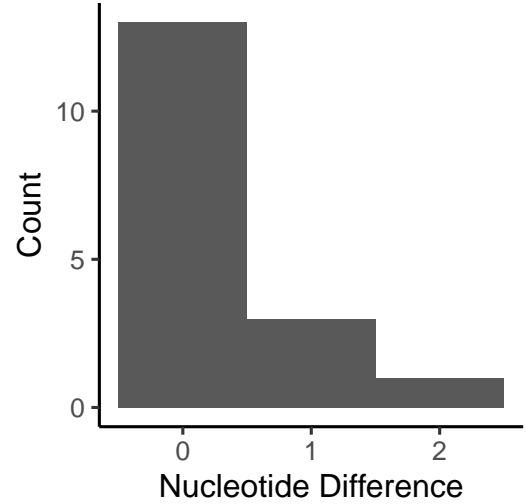
### TRBV5-1\*bp01

193 sequences assigned  
151 (78.2%) exact matches, in which:  
118 unique CDR3  
13 unique J



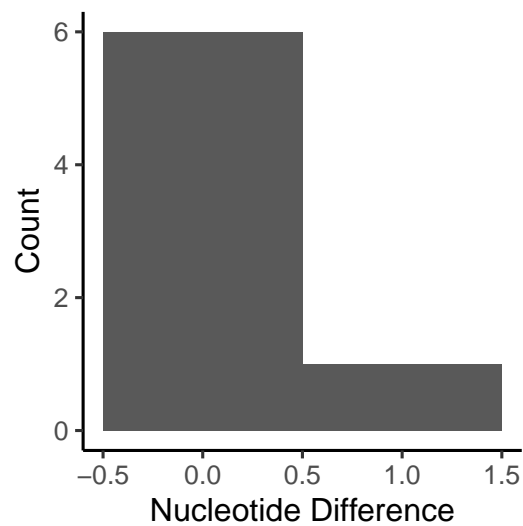
### TRBV5-3\*bp02

17 sequences assigned  
13 (76.5%) exact matches, in which:  
11 unique CDR3  
6 unique J



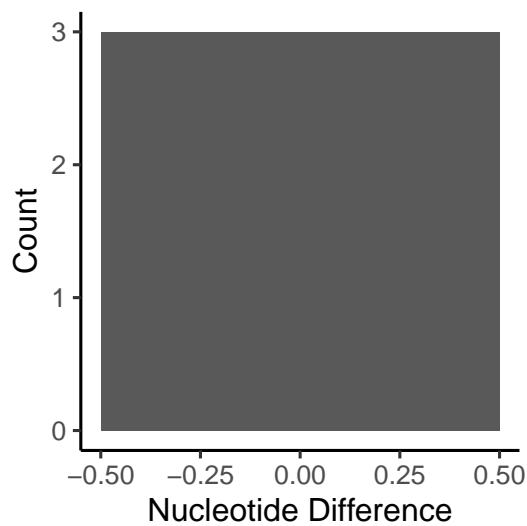
### TRBV4-1\*bp01

7 sequences assigned  
6 (85.7%) exact matches, in which:  
6 unique CDR3  
3 unique J



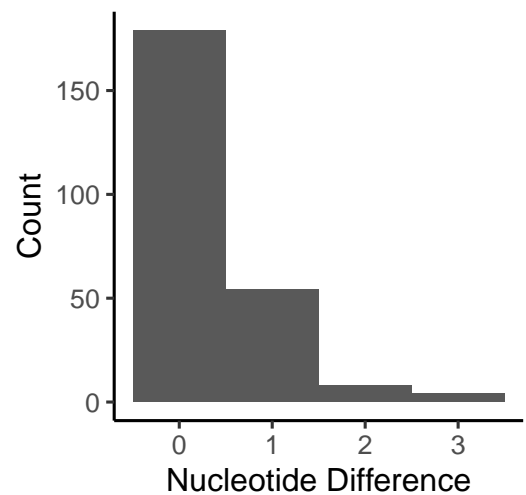
### TRBV25-1\*bp01

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



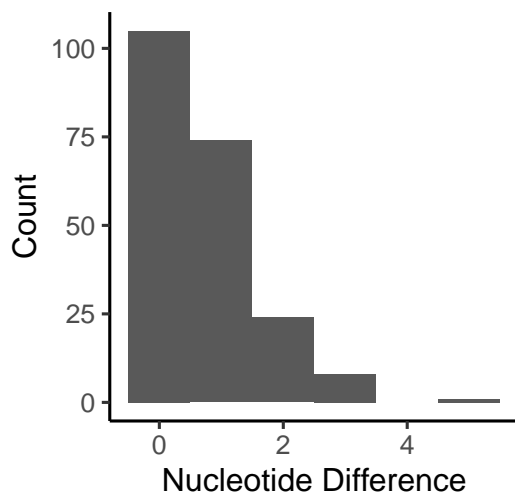
### TRBV5-4\*bp01

245 sequences assigned  
179 (73.1%) exact matches, in which:  
111 unique CDR3  
12 unique J



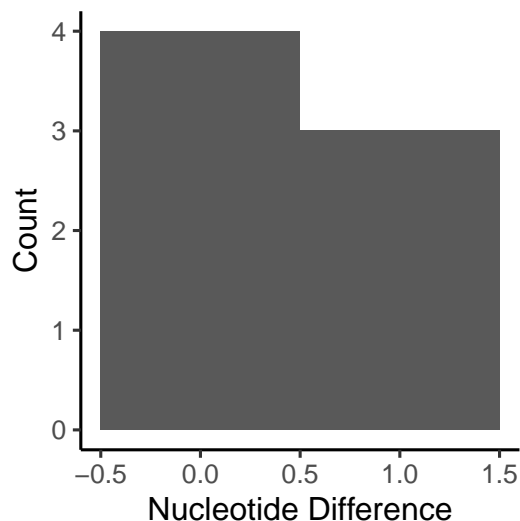
### TRBV5-5\*bp01

212 sequences assigned  
105 (49.5%) exact matches, in which:  
71 unique CDR3  
12 unique J



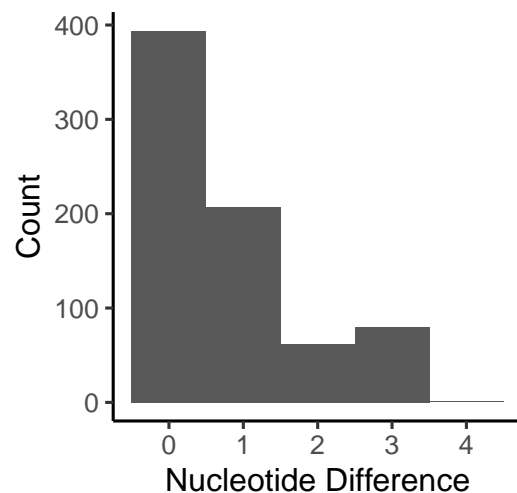
### TRBV5-8\*bp01

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



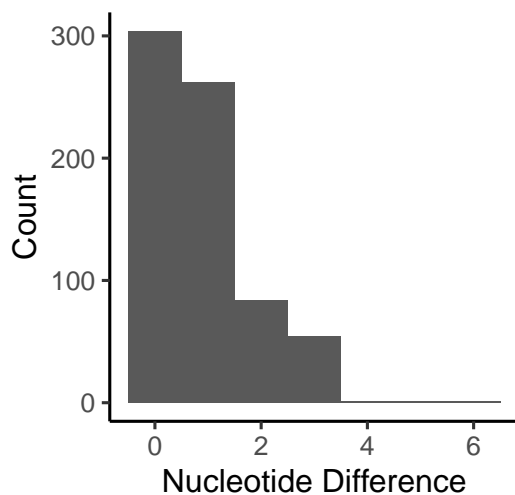
### TRBV6-5\*bp01

744 sequences assigned  
394 (53%) exact matches, in which:  
301 unique CDR3  
14 unique J



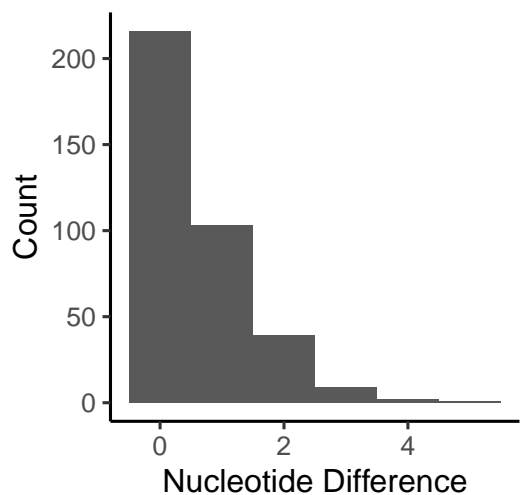
### TRBV5-6\*bp01

707 sequences assigned  
304 (43%) exact matches, in which:  
205 unique CDR3  
13 unique J



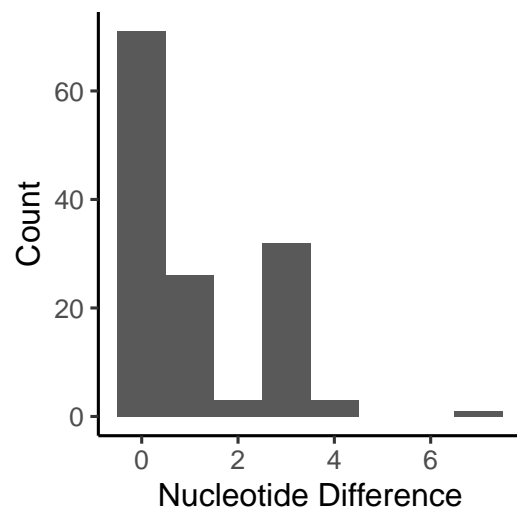
### TRBV6-1\*bp01

370 sequences assigned  
216 (58.4%) exact matches, in which:  
174 unique CDR3  
14 unique J



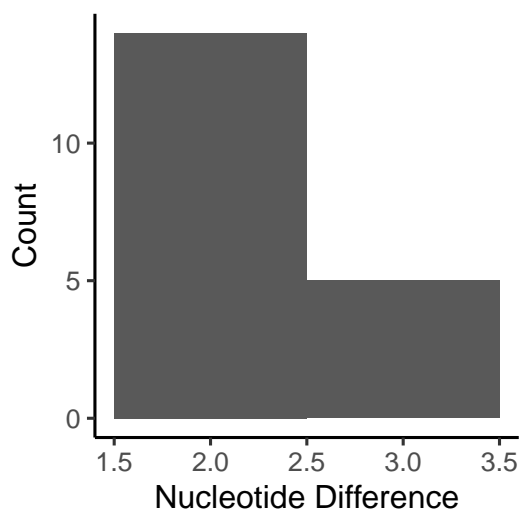
### TRBV6-6\*bp01

136 sequences assigned  
71 (52.2%) exact matches, in which:  
58 unique CDR3  
11 unique J



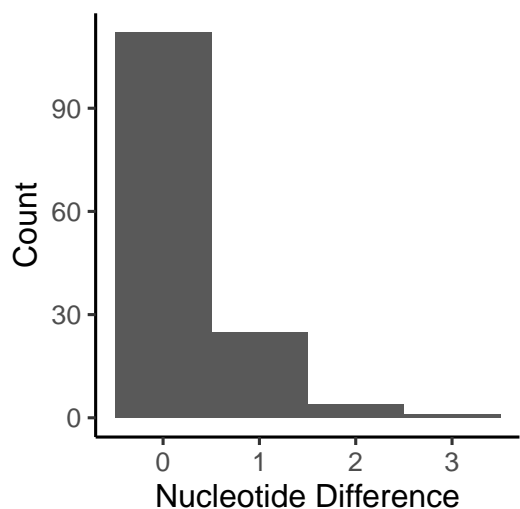
### TRBV5-7\*bp01

19 sequences assigned  
No exact matches.



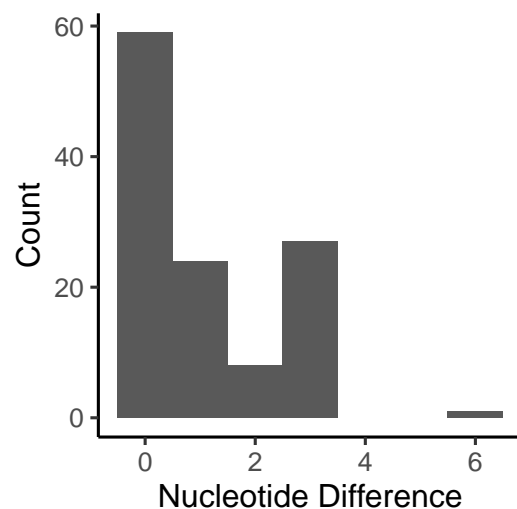
### TRBV6-4\*bp01

142 sequences assigned  
112 (78.9%) exact matches, in which:  
78 unique CDR3  
12 unique J



### TRBV6-6\*bp02

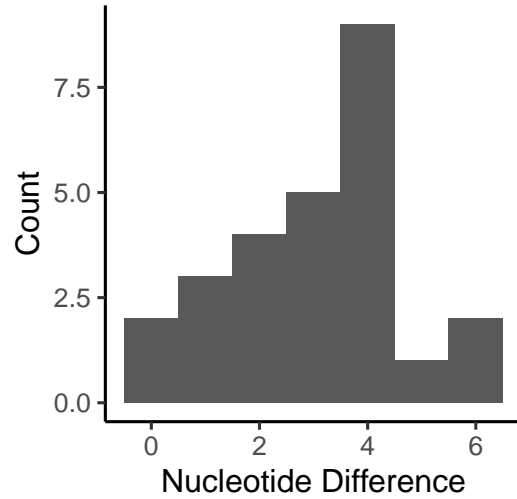
119 sequences assigned  
59 (49.6%) exact matches, in which:  
50 unique CDR3  
12 unique J





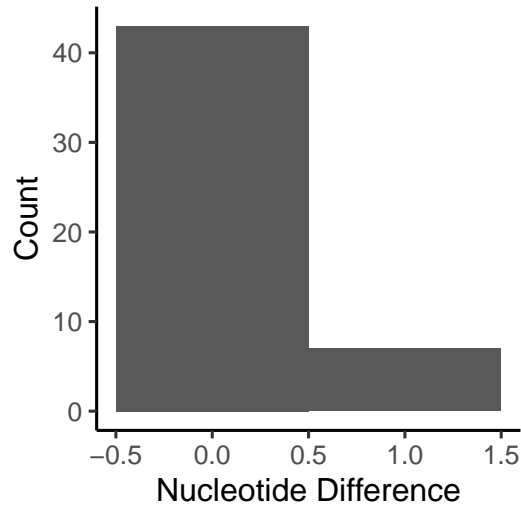
### TRBV6–8\*bp01

26 sequences assigned  
2 (7.7%) exact matches, in which:  
2 unique CDR3  
2 unique J



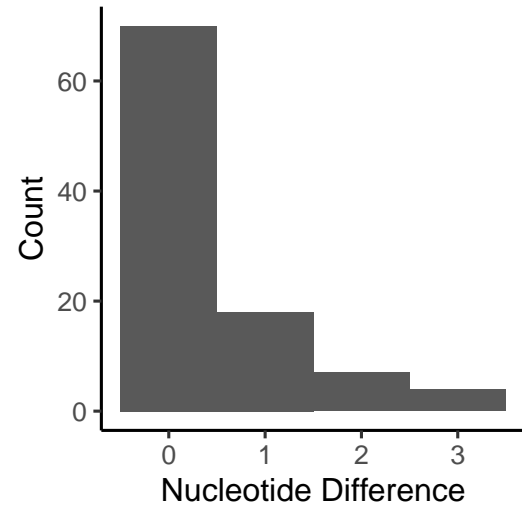
### TRBV7–2\*bp02

50 sequences assigned  
43 (86%) exact matches, in which:  
31 unique CDR3  
10 unique J



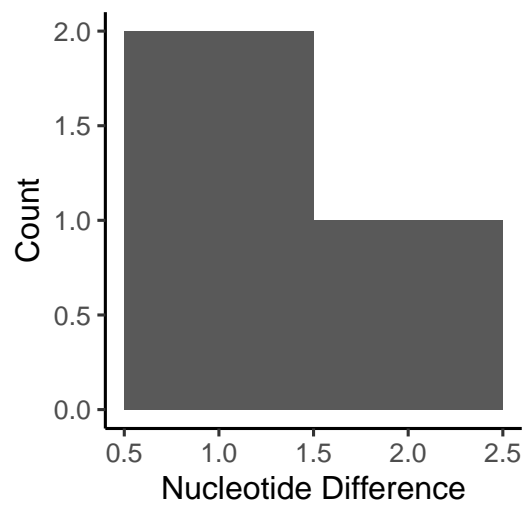
### TRBV7–6\*bp01

99 sequences assigned  
70 (70.7%) exact matches, in which:  
44 unique CDR3  
10 unique J



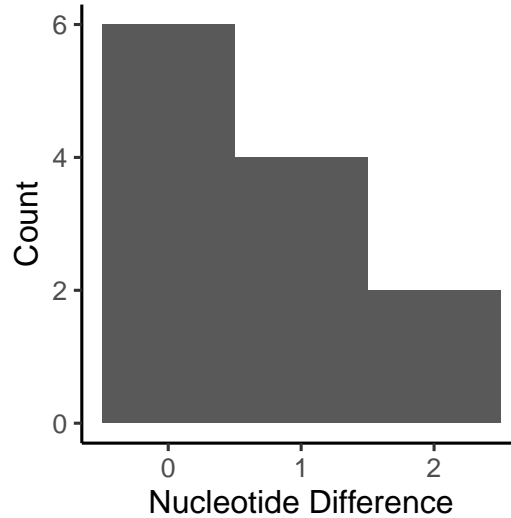
### TRBV6–9\*bp01

3 sequences assigned  
No exact matches.



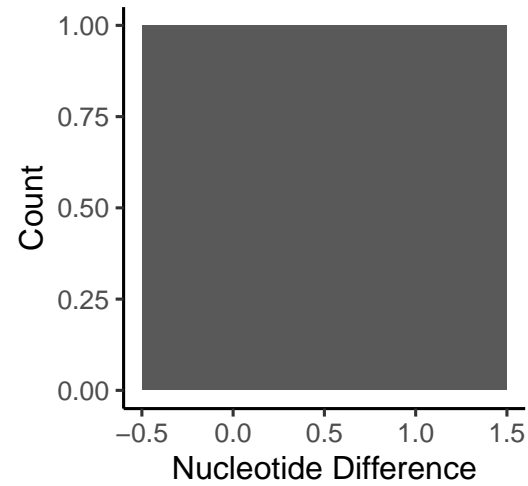
### TRBV7–3\*bp01

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



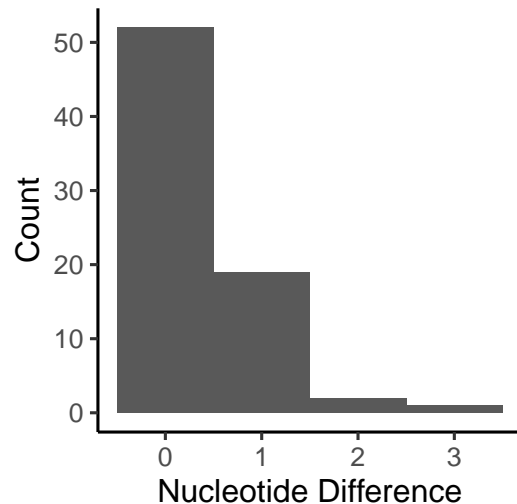
### TRBV7–7\*bp01

2 sequences assigned  
1 (50%) exact matches, in which:  
1 unique CDR3  
1 unique J



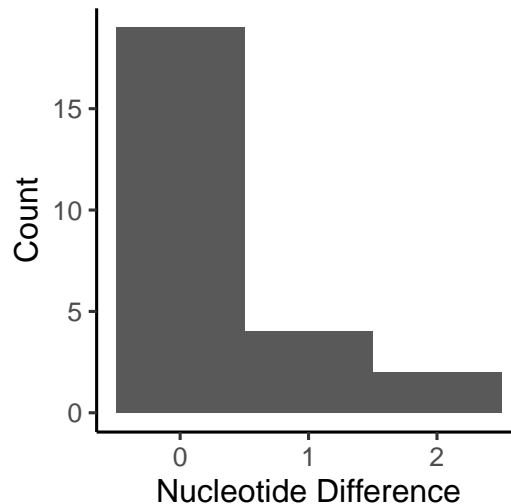
### TRBV6–23\*bp01

74 sequences assigned  
52 (70.3%) exact matches, in which:  
41 unique CDR3  
11 unique J



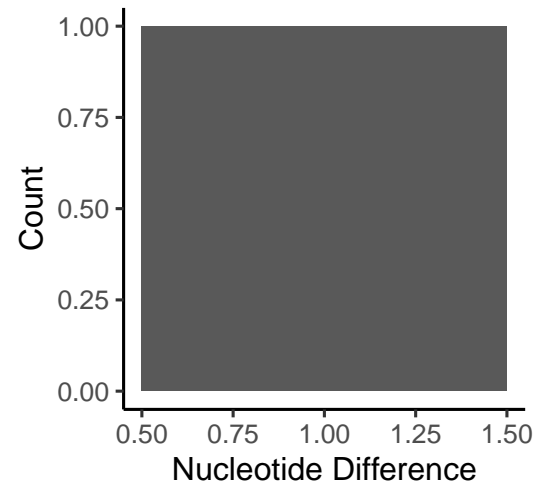
### TRBV7–4\*bp01

25 sequences assigned  
19 (76%) exact matches, in which:  
13 unique CDR3  
5 unique J



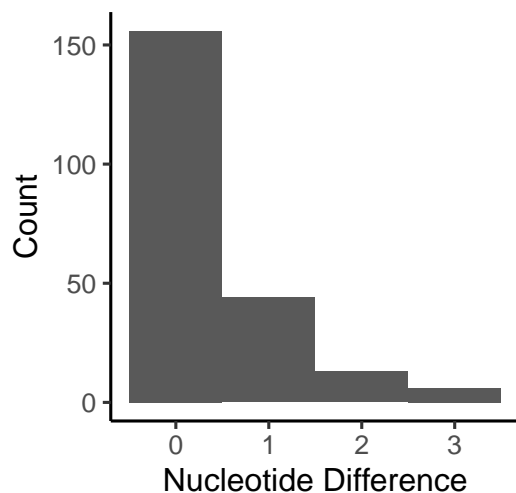
### TRBV7–8\*bp01

1 sequences assigned  
No exact matches.



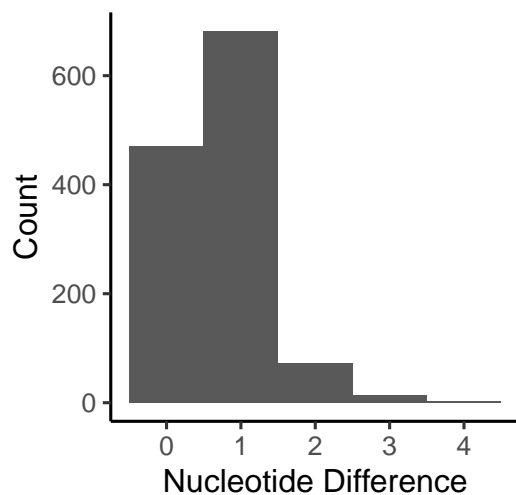
## TRBV7–9\*bp01

219 sequences assigned  
156 (71.2%) exact matches, in which:  
112 unique CDR3  
13 unique J



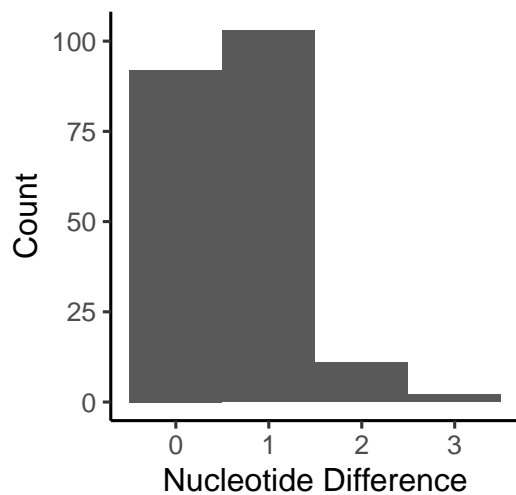
## TRBV29–1\*bp01

1241 sequences assigned  
471 (38%) exact matches, in which:  
269 unique CDR3  
11 unique J

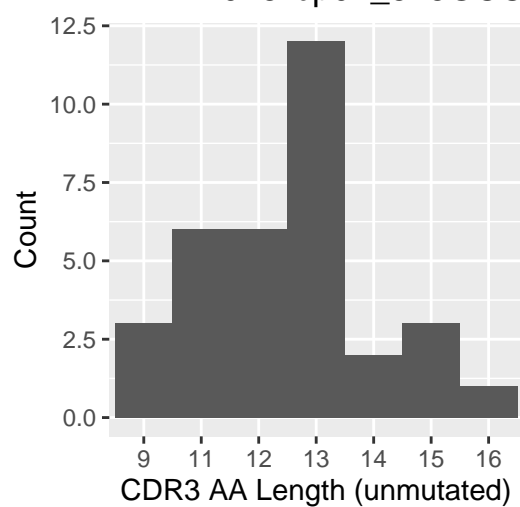


## TRBV29–1\*bp03

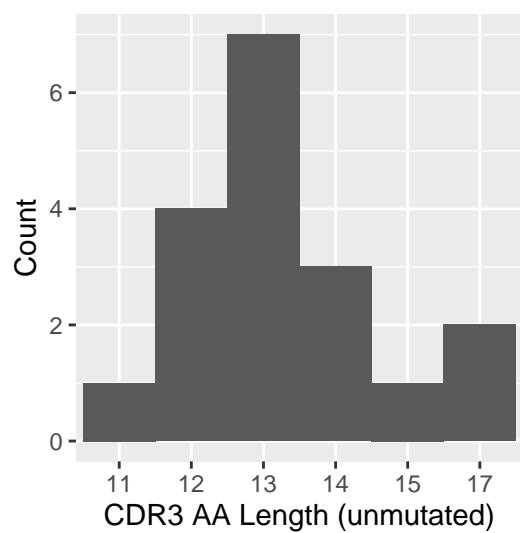
208 sequences assigned  
92 (44.2%) exact matches, in which:  
52 unique CDR3  
10 unique J



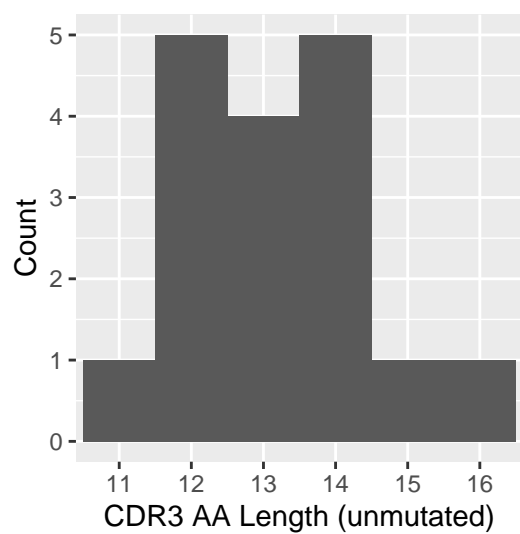
TRBV10-3\*bp02\_313GCCATCAGTGAGTC326

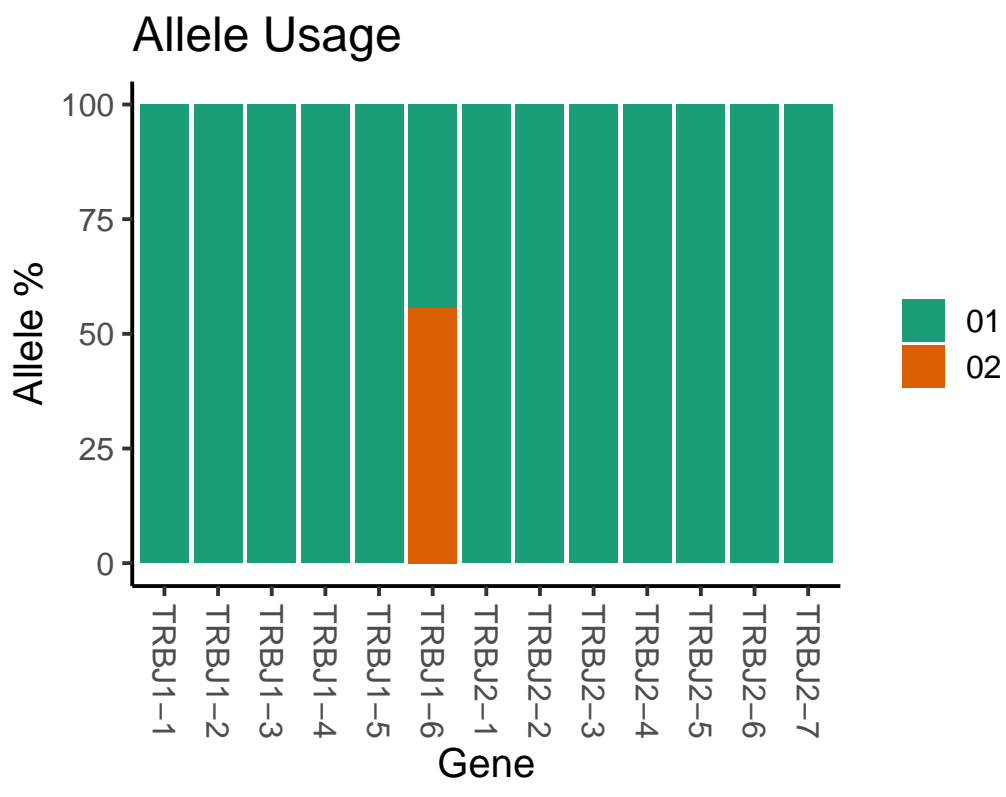


TRBV14\*bp02\_322CAAGA326



TRBV20-1\*bp04\_322GA323





Sequence Count by TRBJ1–6 allele usage



