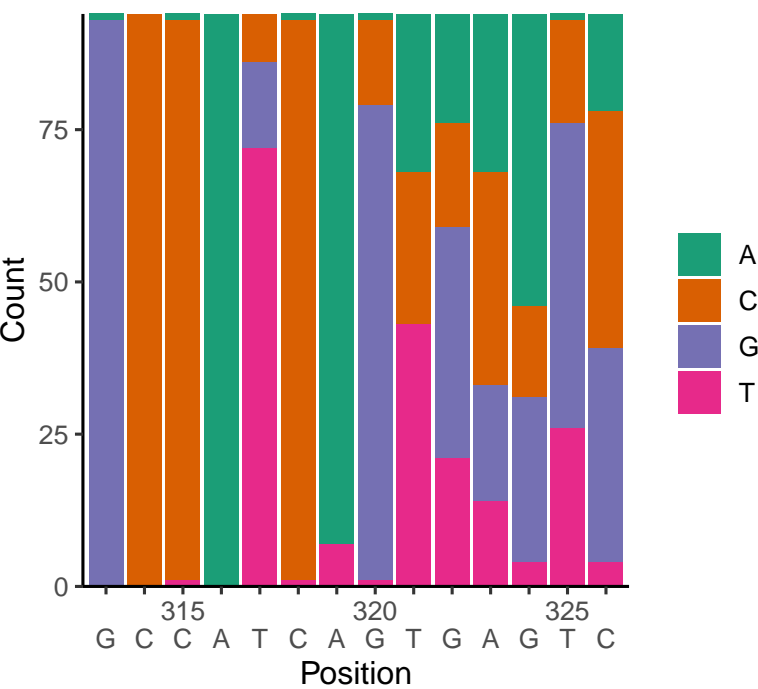
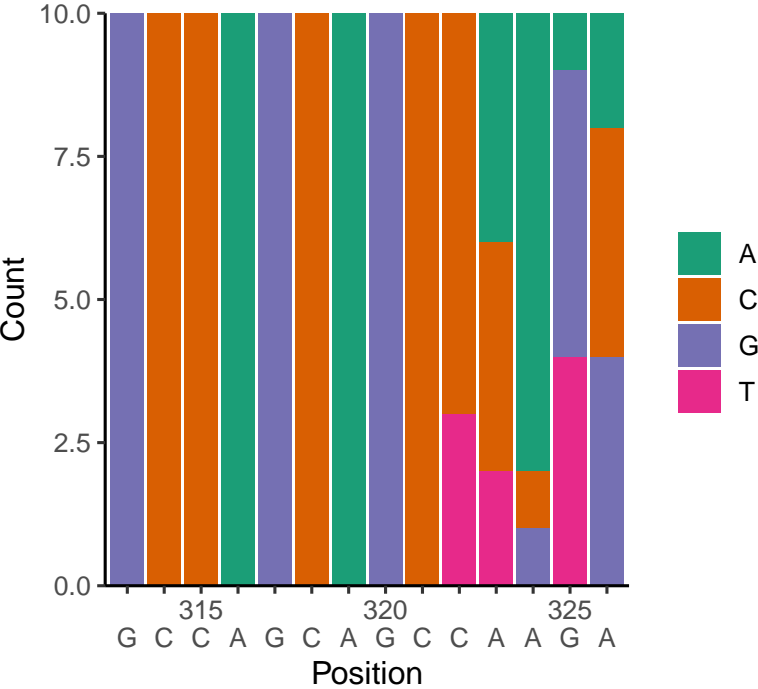


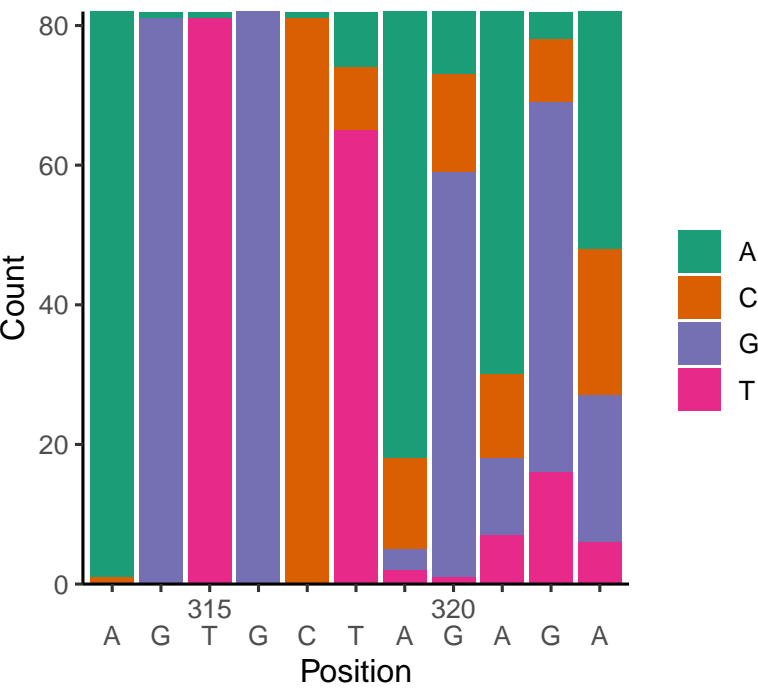
Gene TRBV10–3\*bp02\_313GCCATCAGTGAGTC326



Gene TRBV14\*bp02\_322CAAGA326



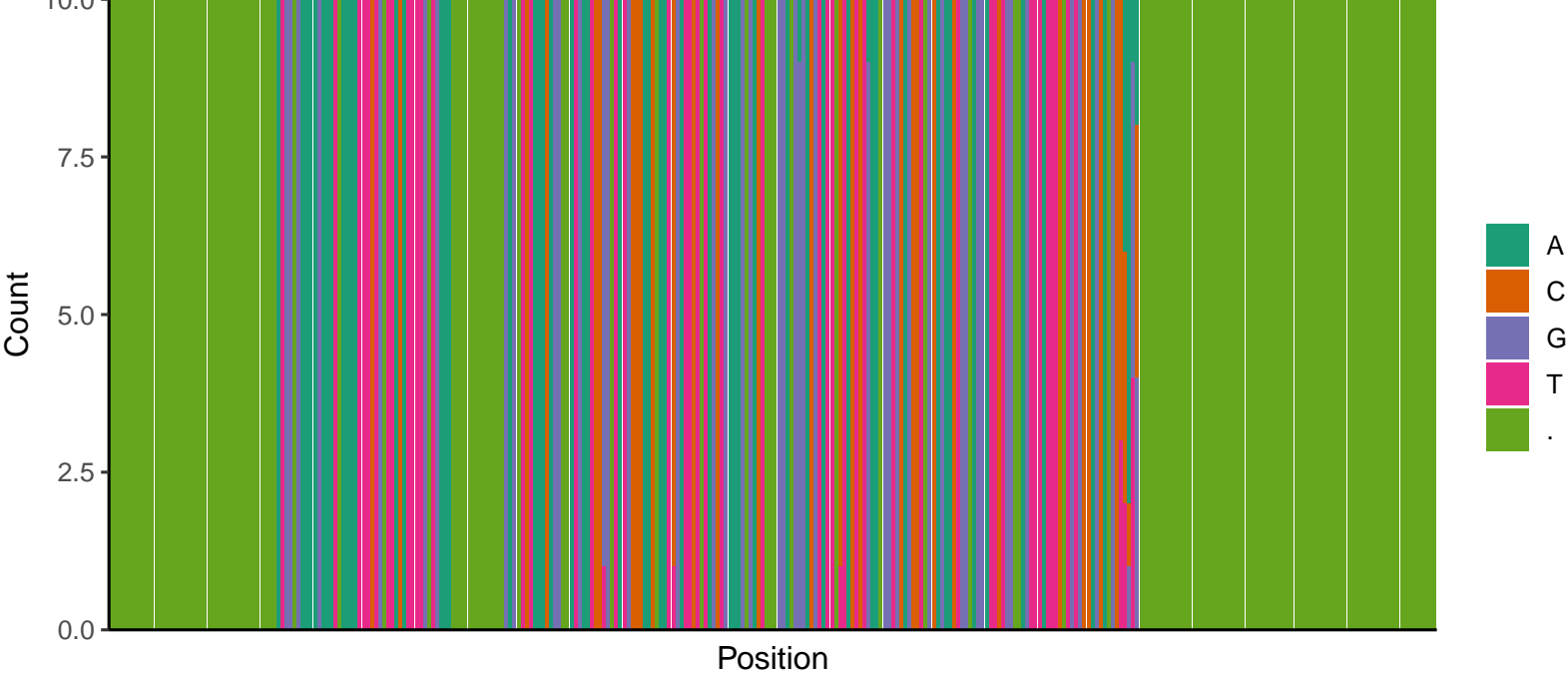
Gene TRBV20–1\*bp04\_322GA323



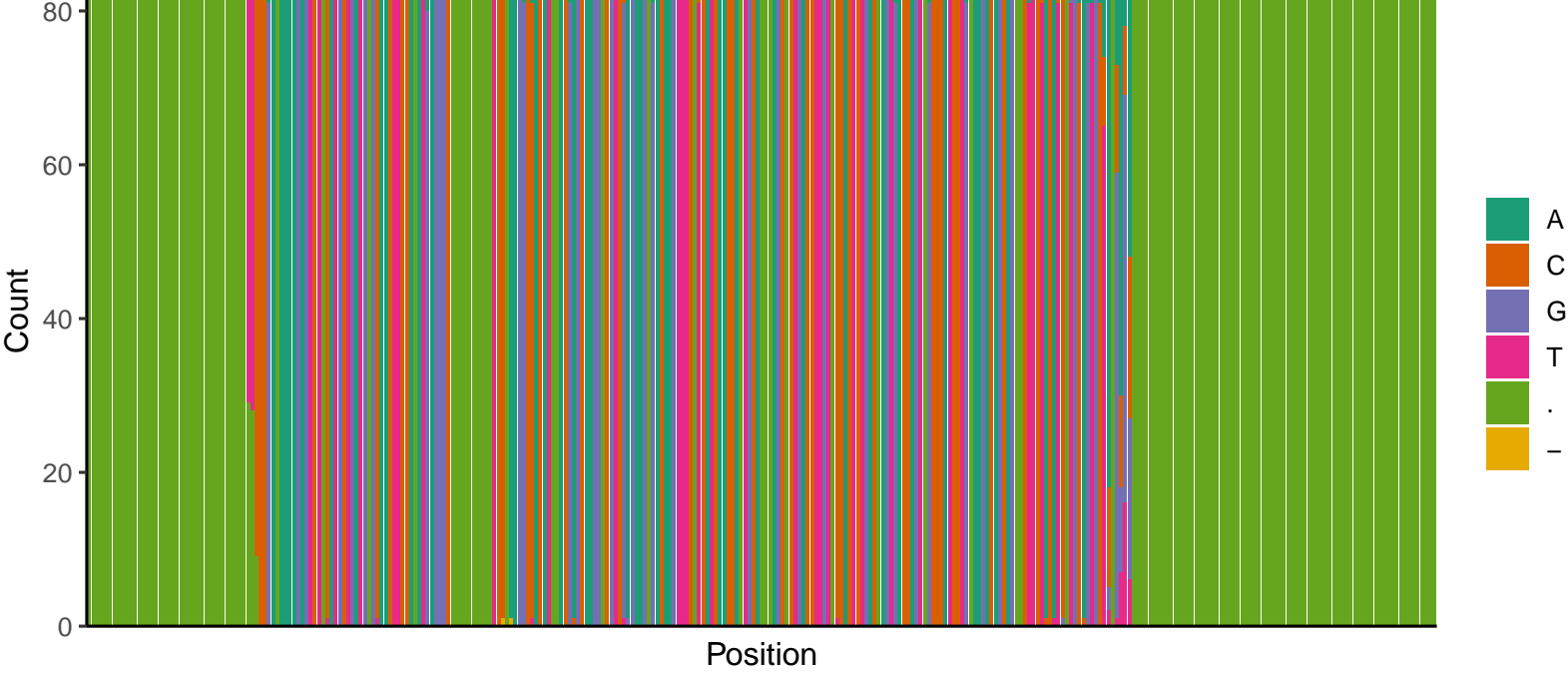
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



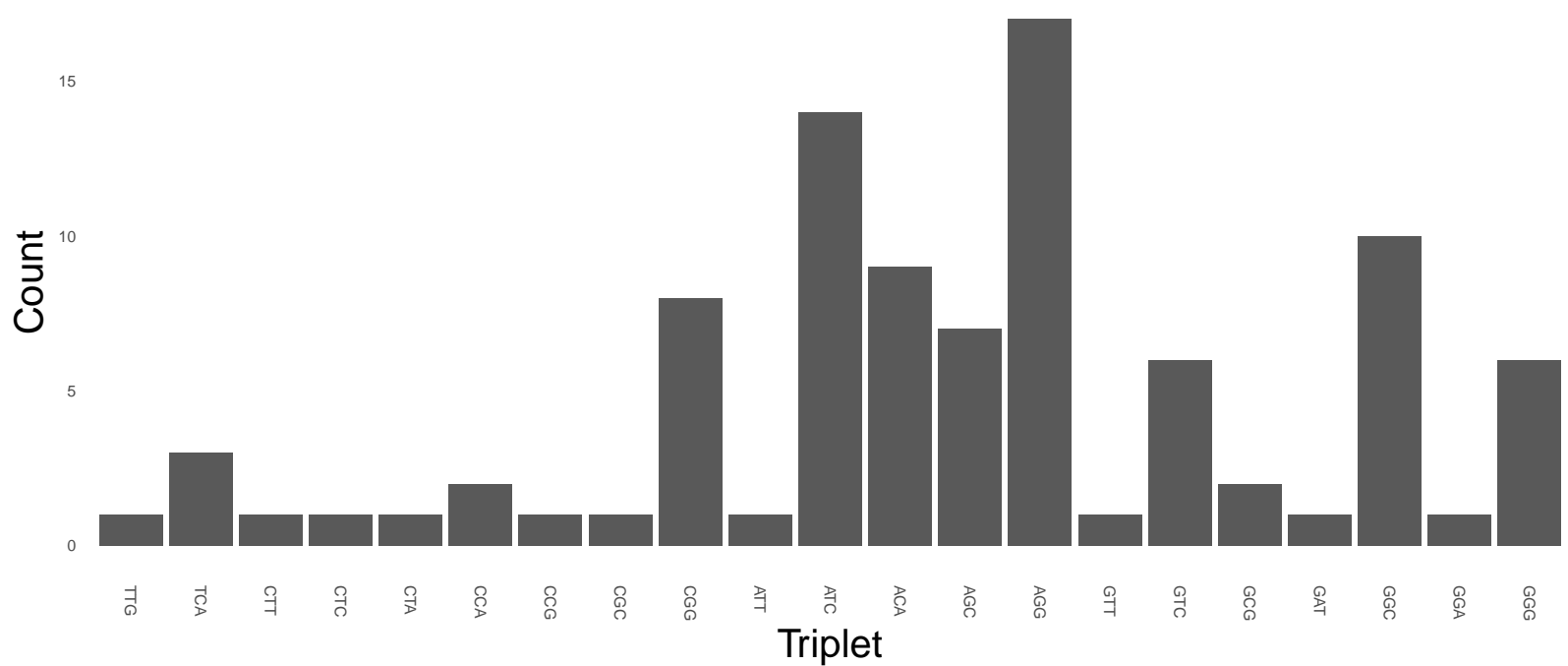
Gene TRBV14\*bp02\_322CAAGA326



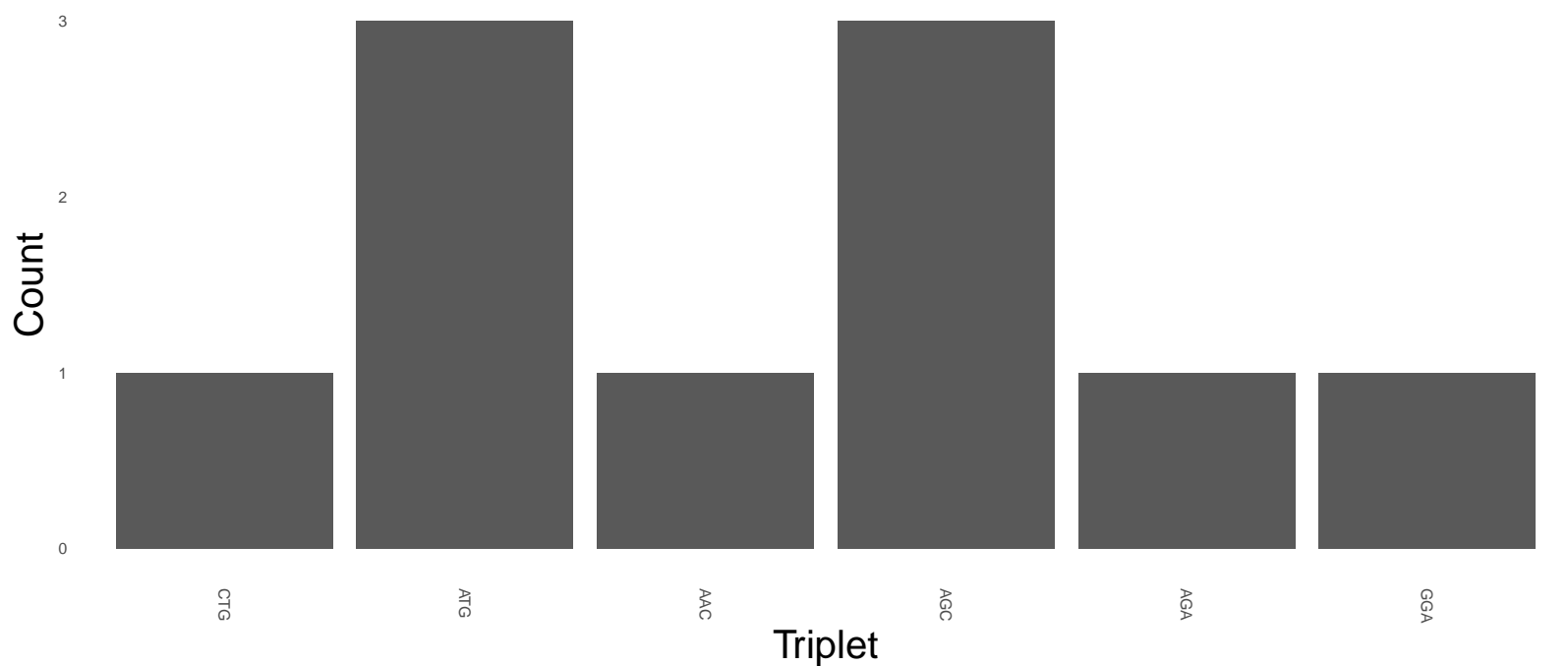
Gene TRBV20-1\*bp04\_322GA323



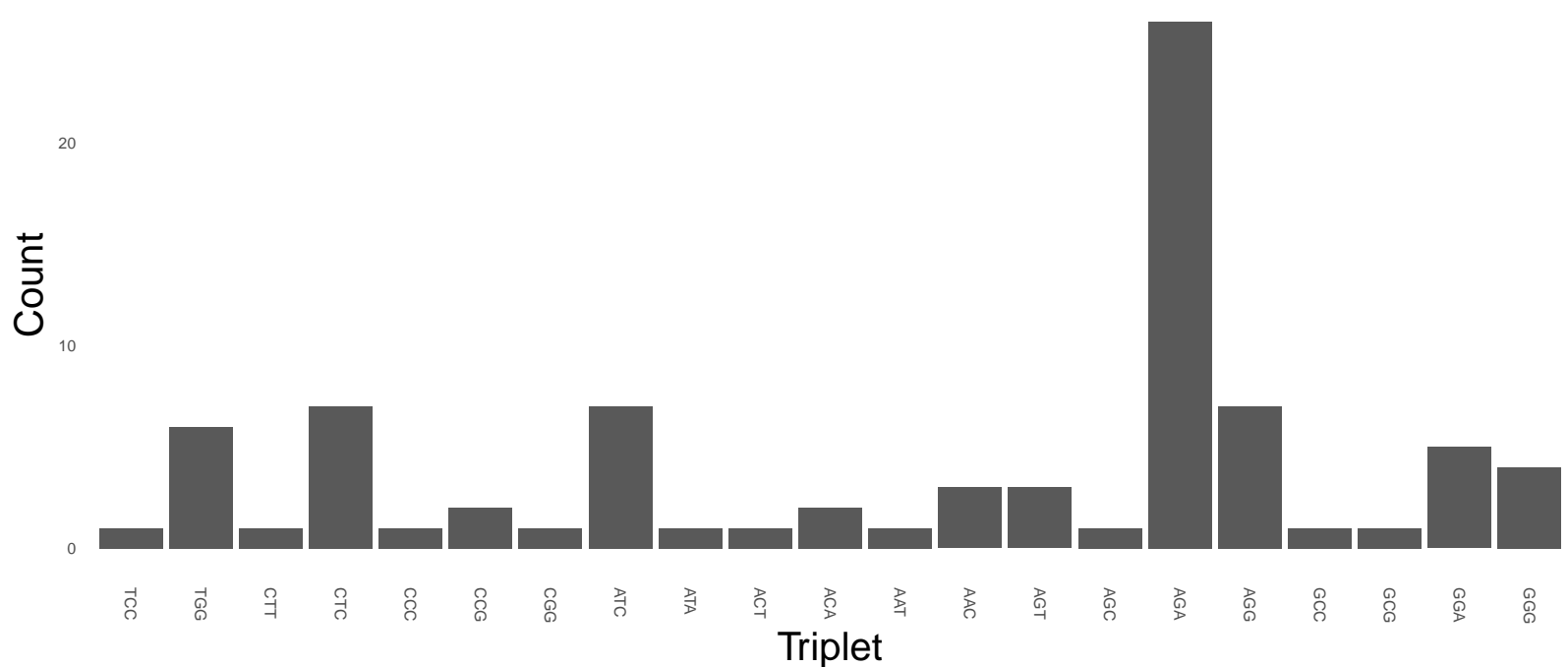
TRBV10–3\*bp02\_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



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

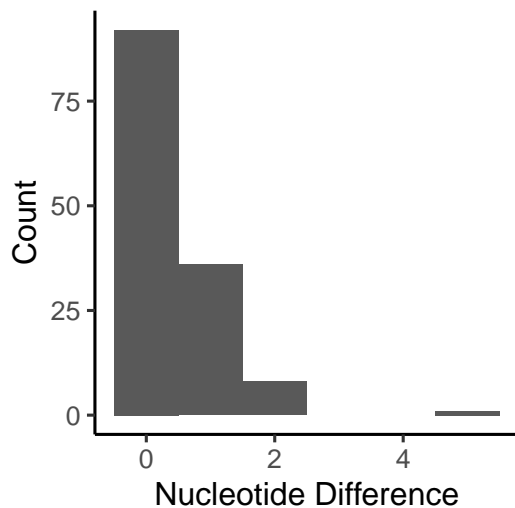


TRBV20–1\*bp04\_322GA323– Final 3 nucleotides as a triplet



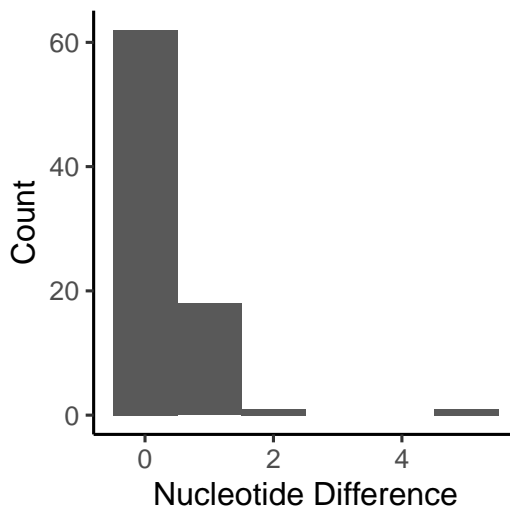
### TRBV20–1\*bp01

137 sequences assigned  
92 (67.2%) exact matches, in which:  
57 unique CDR3  
12 unique J



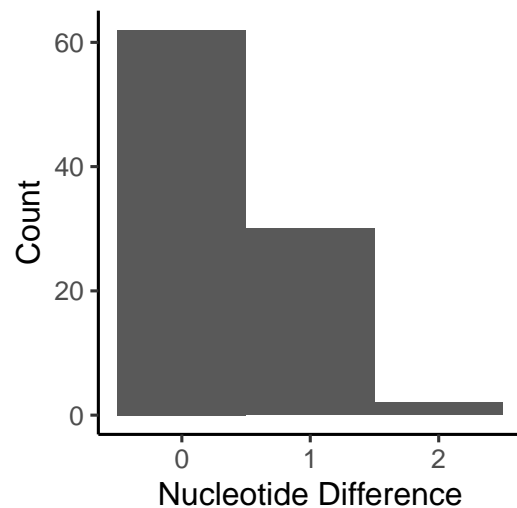
### TRBV20–1\*bp04\_322GA3

82 sequences assigned  
62 (75.6%) exact matches, in which:  
40 unique CDR3  
11 unique J



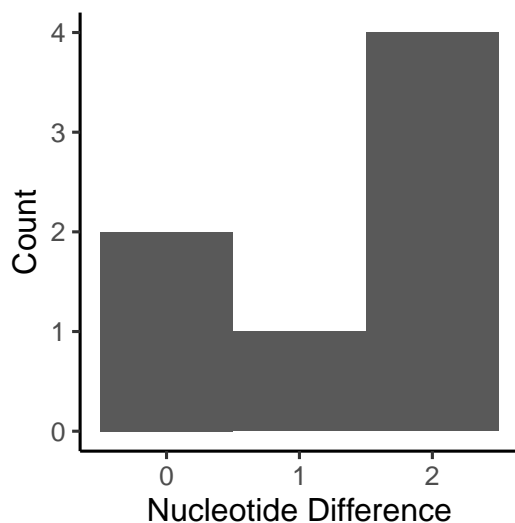
### TRBV10–3\*bp02\_313GCC

94 sequences assigned  
62 (66%) exact matches, in which:  
43 unique CDR3  
9 unique J



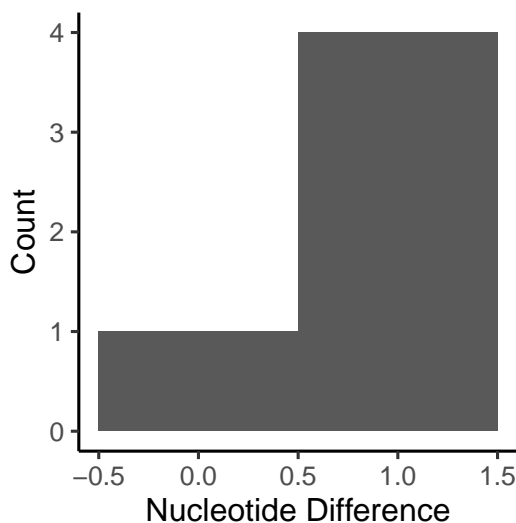
### TRBV10–1\*bp01

7 sequences assigned  
2 (28.6%) exact matches, in which:  
1 unique CDR3  
1 unique J



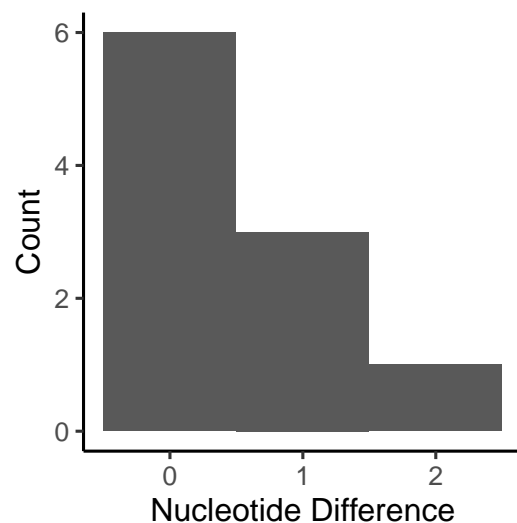
### TRBV10–2\*bp01

5 sequences assigned  
1 (20%) exact matches, in which:  
1 unique CDR3  
1 unique J



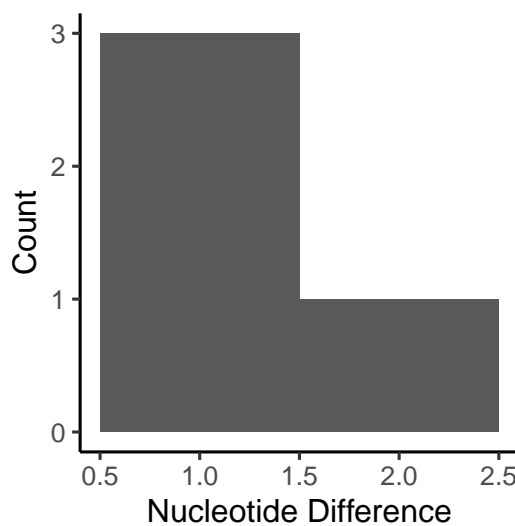
### TRBV13\*bp01

10 sequences assigned  
6 (60%) exact matches, in which:  
5 unique CDR3  
4 unique J



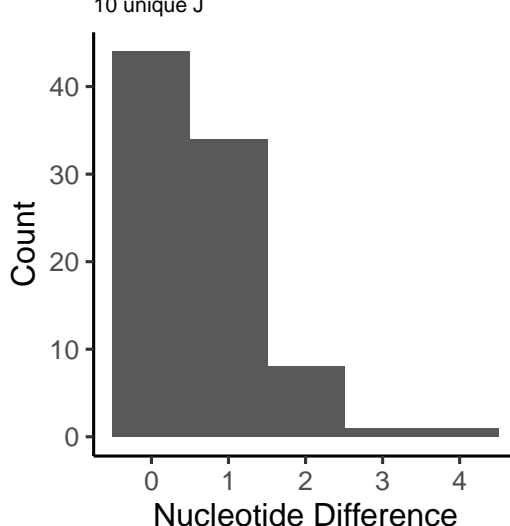
### TRBV10–1\*bp02

4 sequences assigned  
No exact matches.



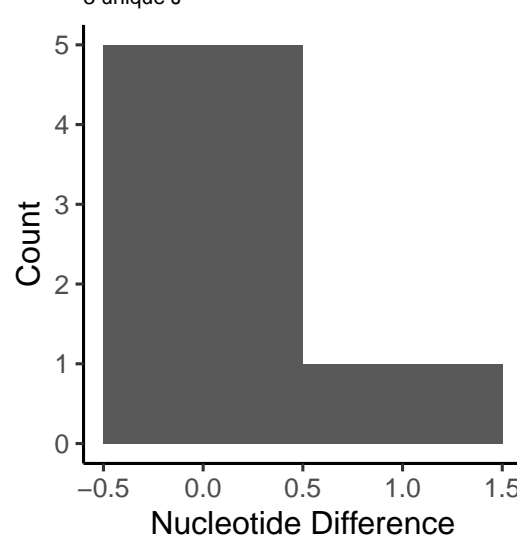
### TRBV10–3\*bp01

88 sequences assigned  
44 (50%) exact matches, in which:  
37 unique CDR3  
10 unique J



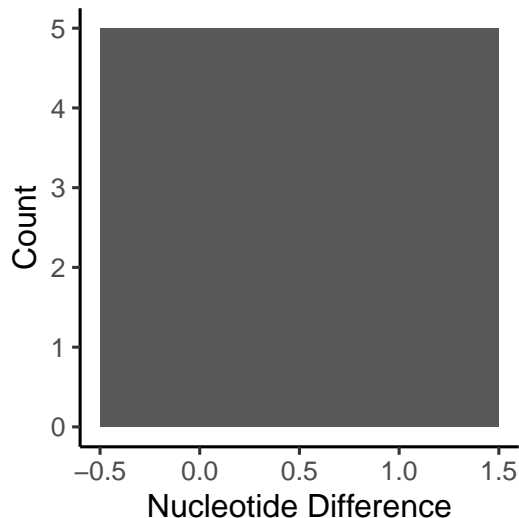
### TRBV14\*bp01

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



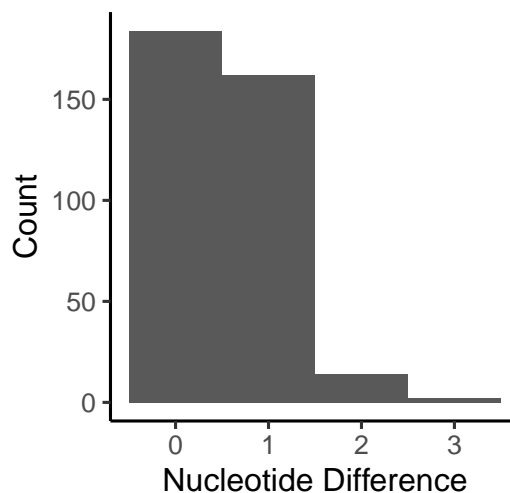
### TRBV14\*bp02\_322CAAGA

10 sequences assigned  
5 (50%) exact matches, in which:  
5 unique CDR3  
5 unique J



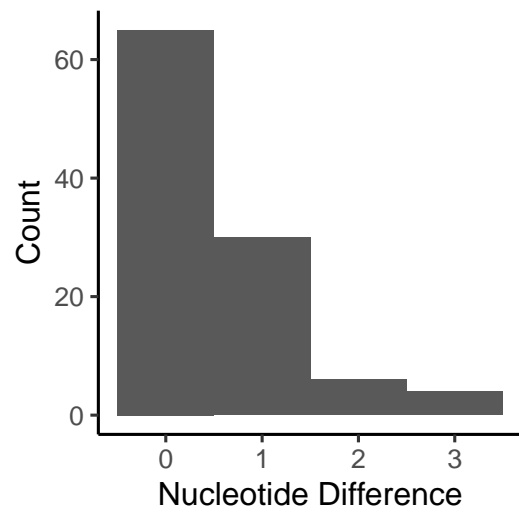
### TRBV19\*bp01

362 sequences assigned  
184 (50.8%) exact matches, in which:  
104 unique CDR3  
11 unique J



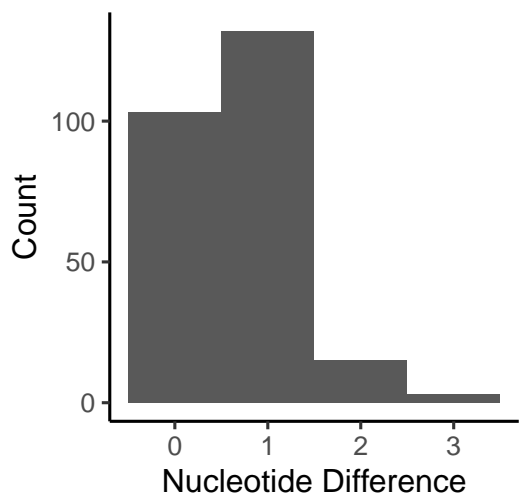
### TRBV28\*bp01

105 sequences assigned  
65 (61.9%) exact matches, in which:  
46 unique CDR3  
12 unique J



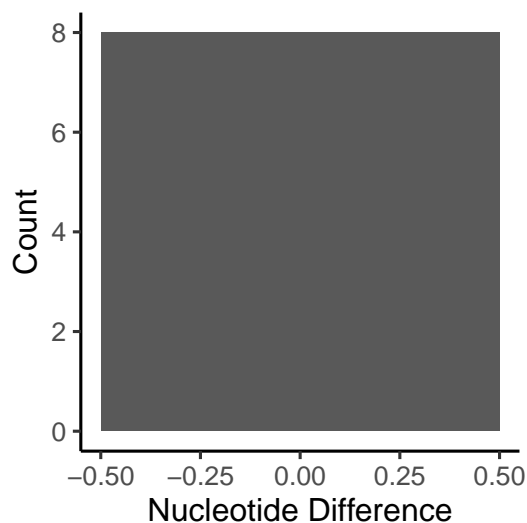
### TRBV15\*bp02

253 sequences assigned  
103 (40.7%) exact matches, in which:  
49 unique CDR3  
7 unique J



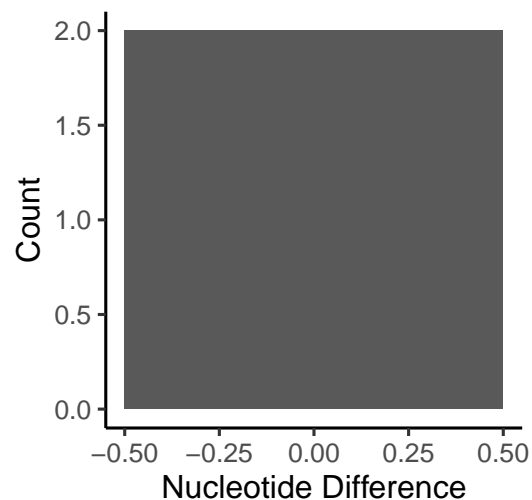
### TRBV2\*bp01

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



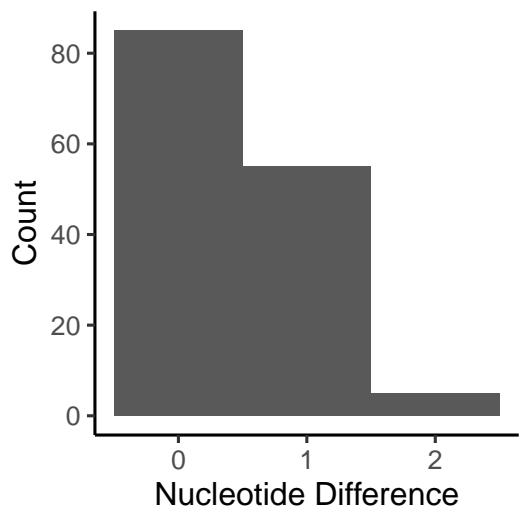
### TRBV30\*bp01

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



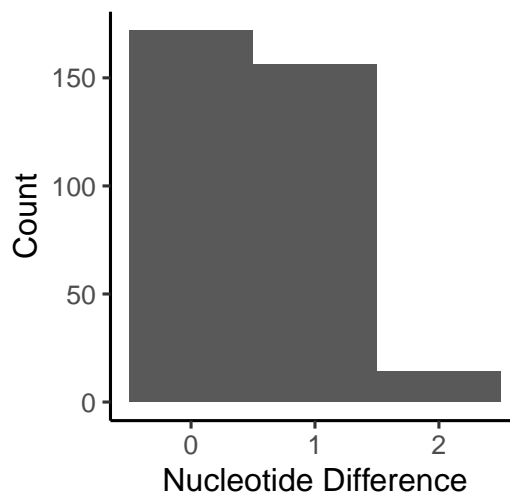
### TRBV18\*bp01

145 sequences assigned  
85 (58.6%) exact matches, in which:  
45 unique CDR3  
8 unique J



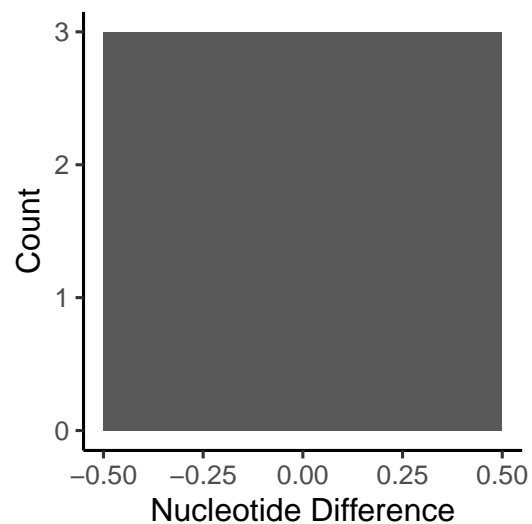
### TRBV27\*bp01

342 sequences assigned  
172 (50.3%) exact matches, in which:  
116 unique CDR3  
10 unique J



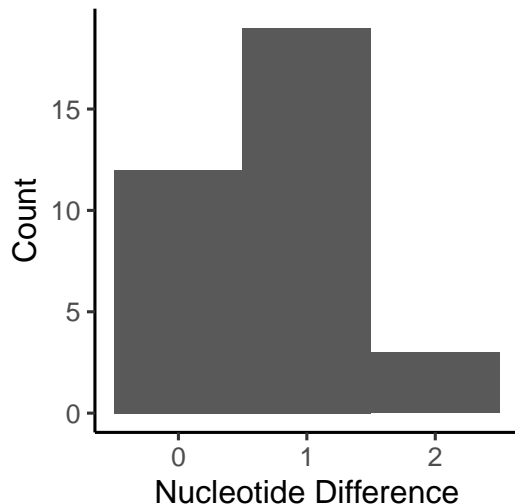
### TRBV9\*bp01

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



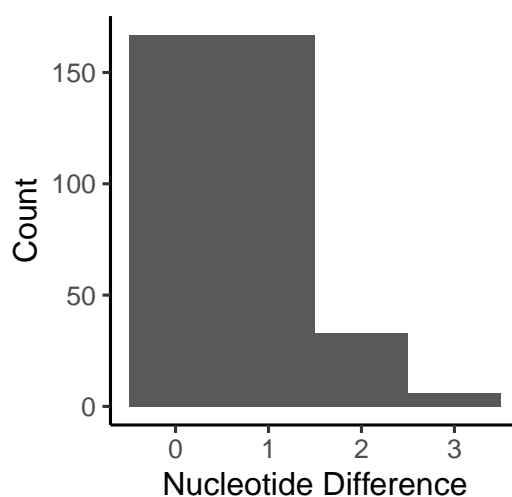
### TRBV11–1\*bp01

34 sequences assigned  
12 (35.3%) exact matches, in which:  
5 unique CDR3  
3 unique J



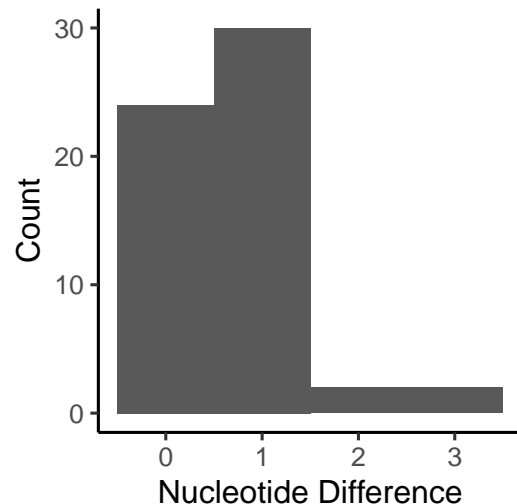
### TRBV11–3\*bp01

373 sequences assigned  
167 (44.8%) exact matches, in which:  
99 unique CDR3  
9 unique J



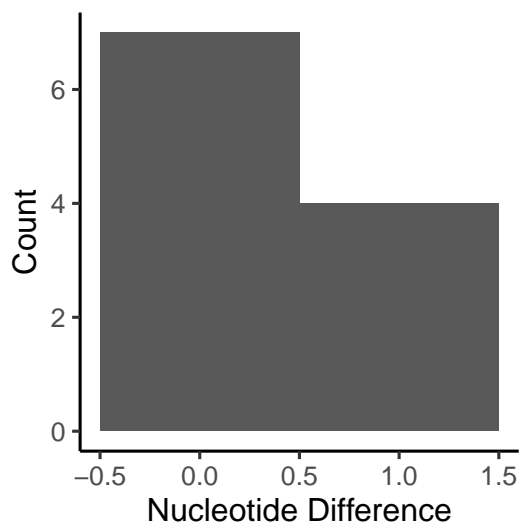
### TRBV24–1\*bp01

58 sequences assigned  
24 (41.4%) exact matches, in which:  
21 unique CDR3  
7 unique J



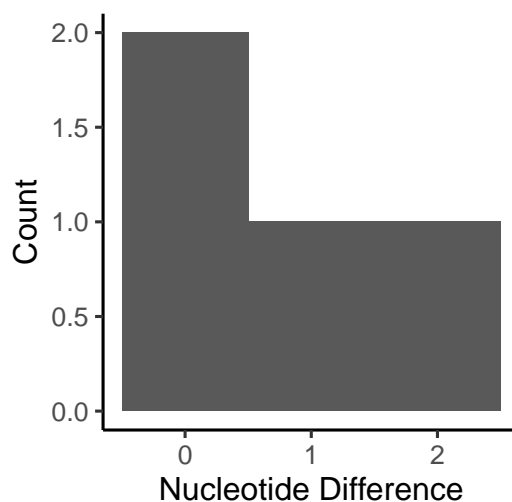
### TRBV21–1\*bp01

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



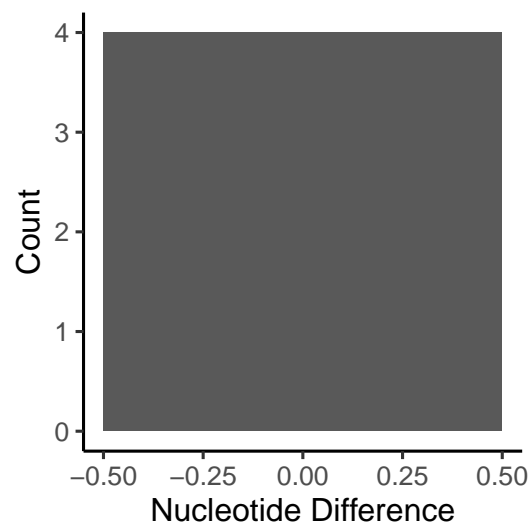
### TRBV12–5\*bp01

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



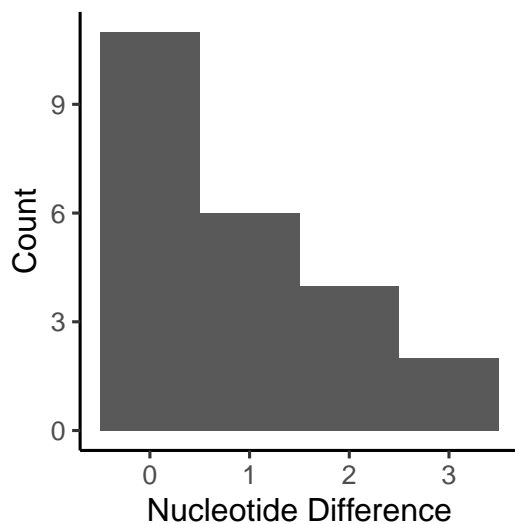
### TRBV4–1\*bp01

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



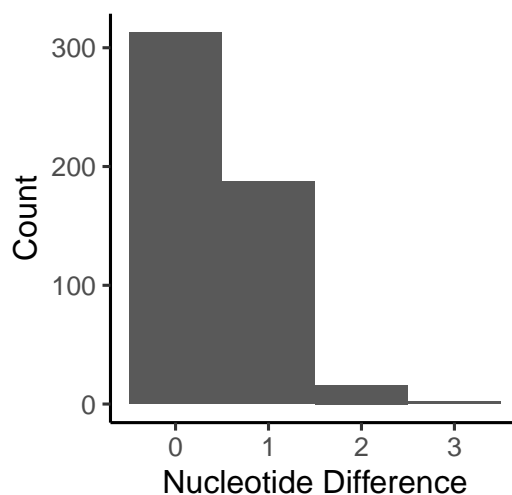
### TRBV11–2\*bp01

23 sequences assigned  
11 (47.8%) exact matches, in which:  
8 unique CDR3  
6 unique J



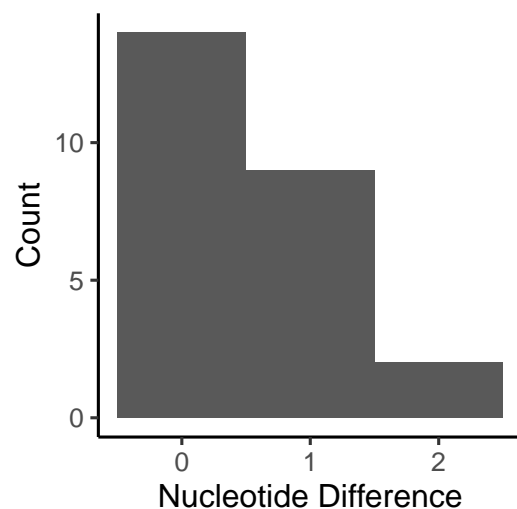
### TRBV12–34\*bp01

518 sequences assigned  
313 (60.4%) exact matches, in which:  
151 unique CDR3  
13 unique J



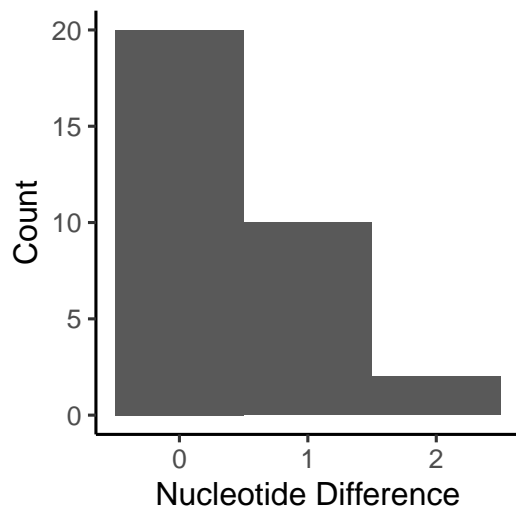
### TRBV4–2\*bp01

25 sequences assigned  
14 (56%) exact matches, in which:  
11 unique CDR3  
5 unique J



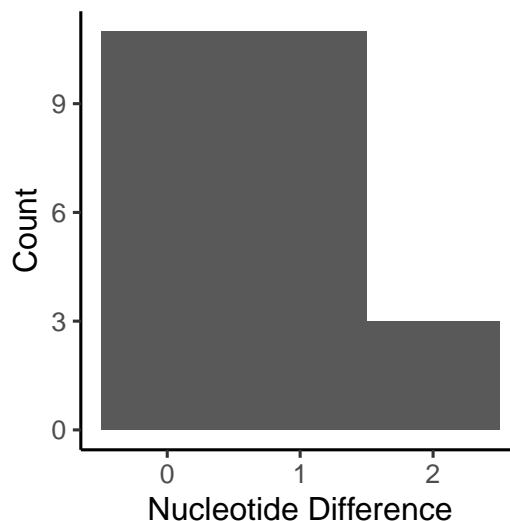
### TRBV4–3\*bp01

32 sequences assigned  
20 (62.5%) exact matches, in which:  
16 unique CDR3  
7 unique J



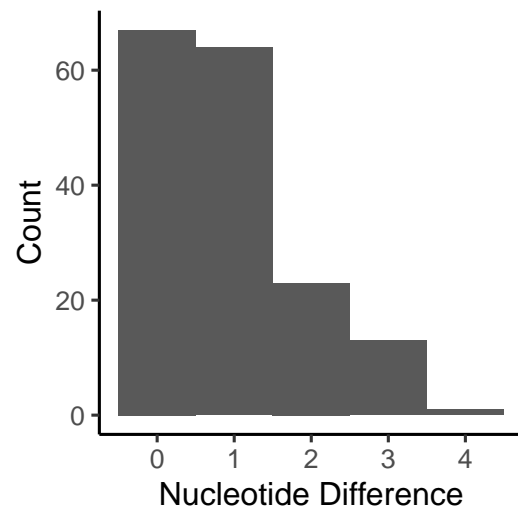
### TRBV5–3\*bp01

25 sequences assigned  
11 (44%) exact matches, in which:  
4 unique CDR3  
3 unique J



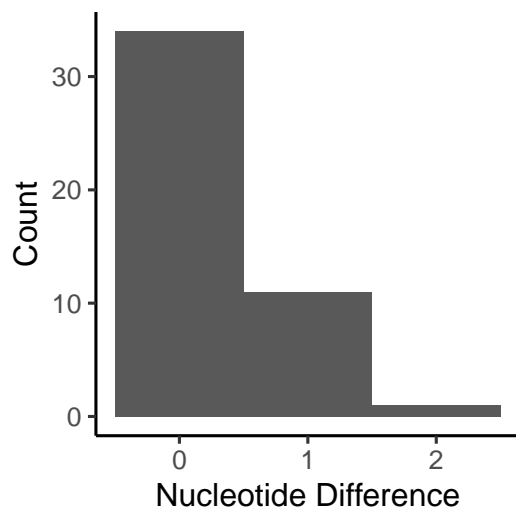
### TRBV5–6\*bp01

168 sequences assigned  
67 (39.9%) exact matches, in which:  
40 unique CDR3  
10 unique J



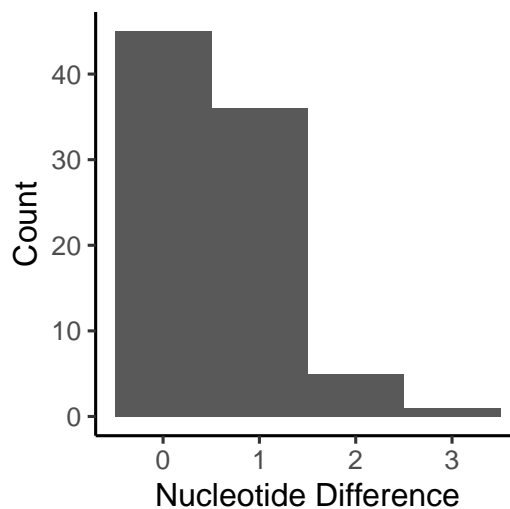
### TRBV5–1\*bp01

46 sequences assigned  
34 (73.9%) exact matches, in which:  
27 unique CDR3  
11 unique J



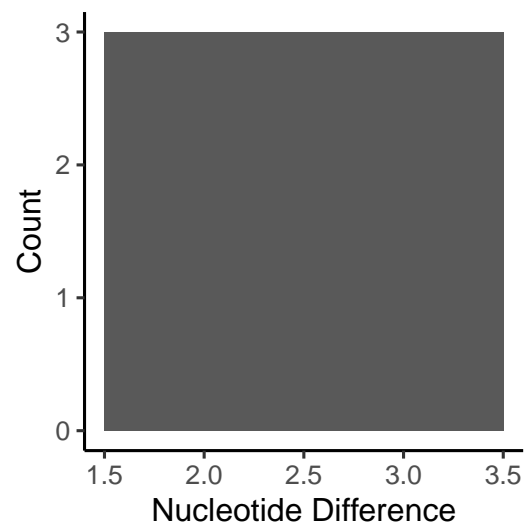
### TRBV5–4\*bp01

87 sequences assigned  
45 (51.7%) exact matches, in which:  
29 unique CDR3  
9 unique J



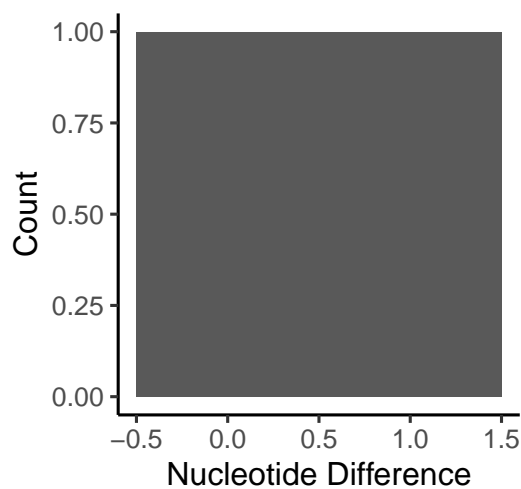
### TRBV5–7\*bp01

6 sequences assigned  
No exact matches.



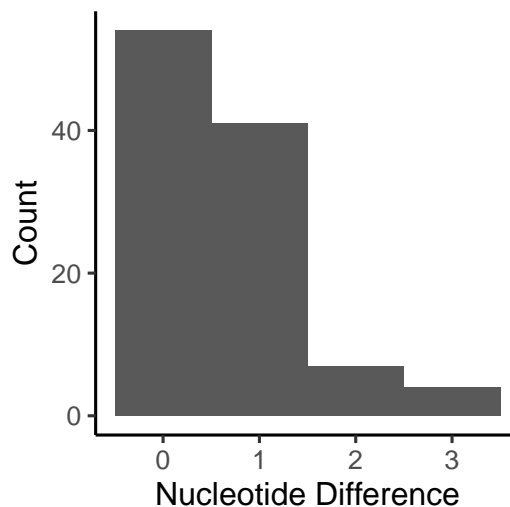
### TRBV25–1\*bp01

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



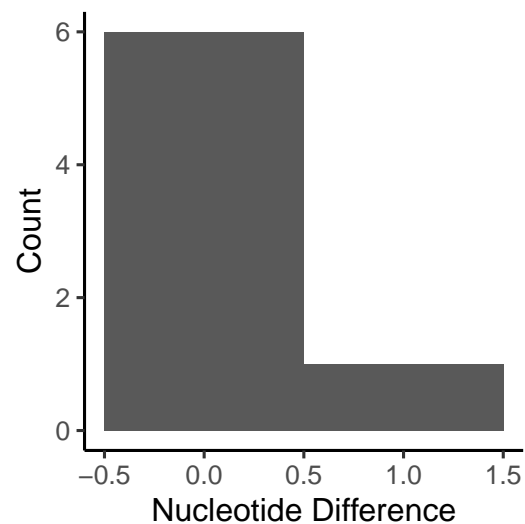
### TRBV5–5\*bp01

106 sequences assigned  
54 (50.9%) exact matches, in which:  
27 unique CDR3  
7 unique J



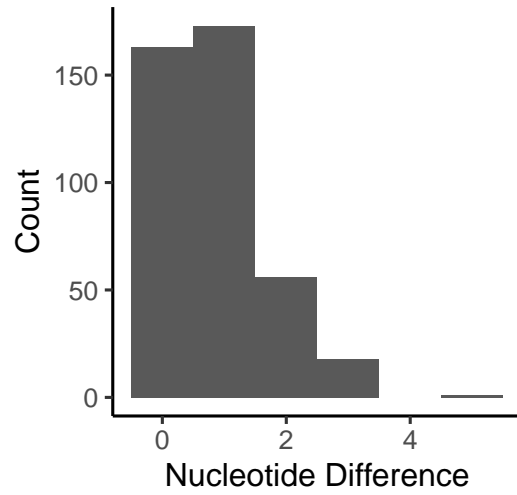
### TRBV5–8\*bp01

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



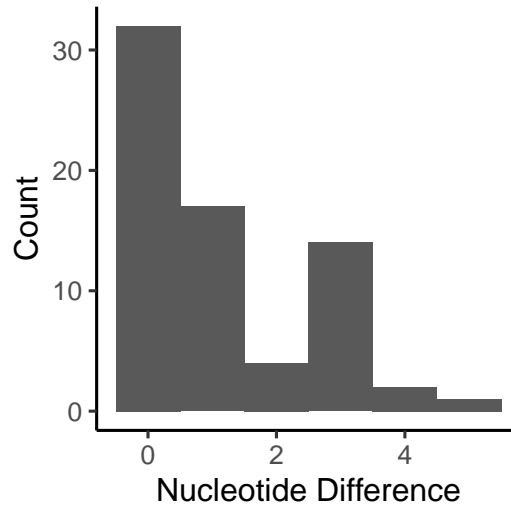
### TRBV6-1\*bp01

411 sequences assigned  
163 (39.7%) exact matches, in which:  
126 unique CDR3  
11 unique J



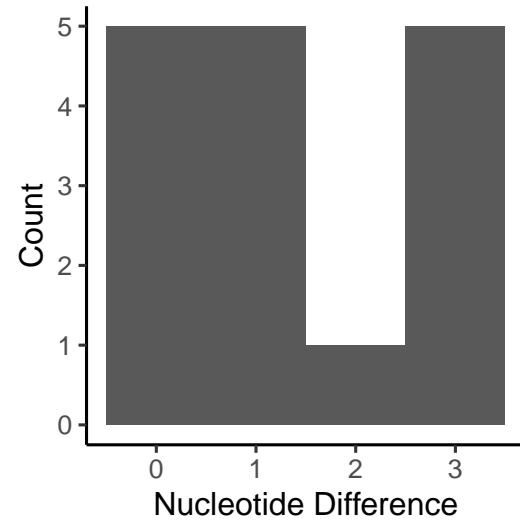
### TRBV6-6\*bp01

70 sequences assigned  
32 (45.7%) exact matches, in which:  
24 unique CDR3  
7 unique J



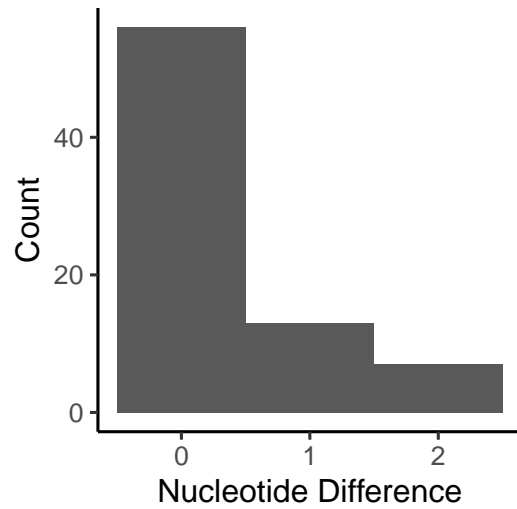
### TRBV6-8\*bp01

16 sequences assigned  
5 (31.2%) exact matches, in which:  
4 unique CDR3  
3 unique J



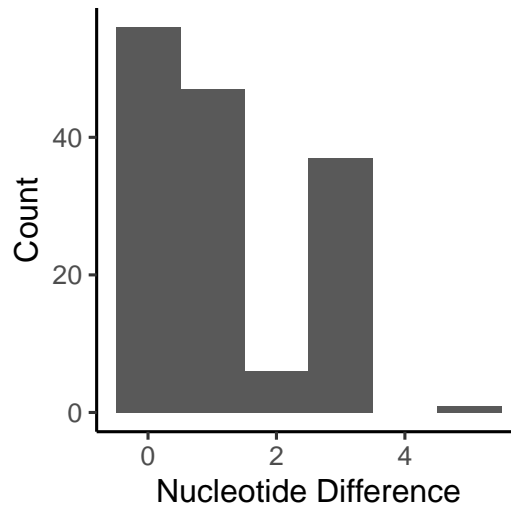
### TRBV6-4\*bp01

76 sequences assigned  
56 (73.7%) exact matches, in which:  
30 unique CDR3  
8 unique J



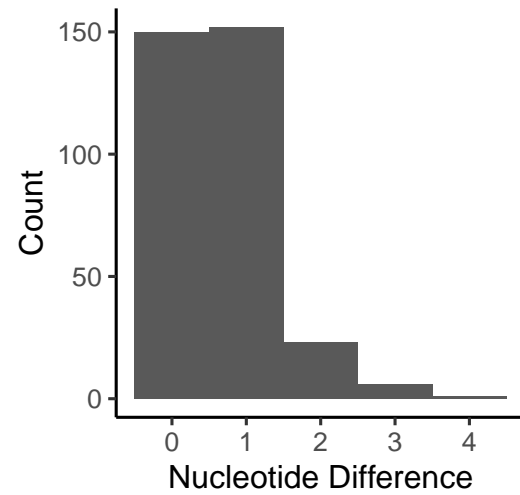
### TRBV6-6\*bp02

147 sequences assigned  
56 (38.1%) exact matches, in which:  
46 unique CDR3  
9 unique J



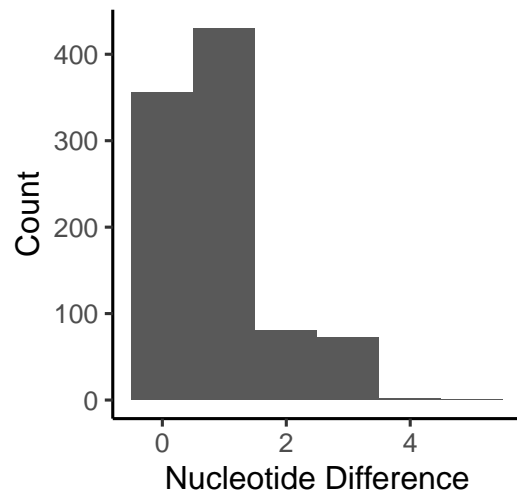
### TRBV6-23\*bp01

333 sequences assigned  
150 (45%) exact matches, in which:  
95 unique CDR3  
12 unique J



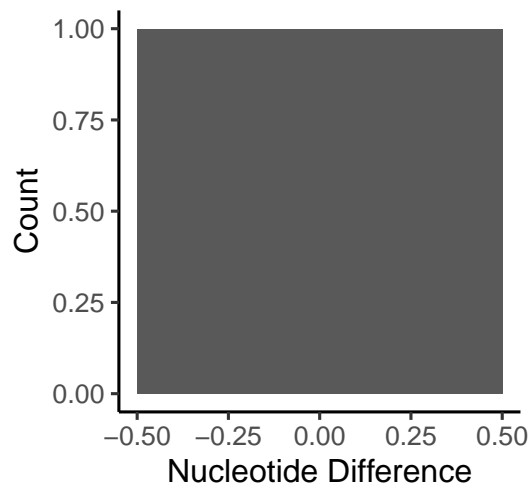
### TRBV6-5\*bp01

941 sequences assigned  
356 (37.8%) exact matches, in which:  
243 unique CDR3  
13 unique J



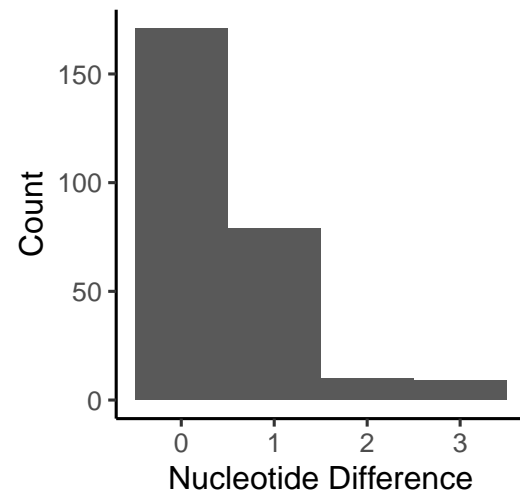
### TRBV6-7\*bp01

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



### TRBV7-2\*bp01

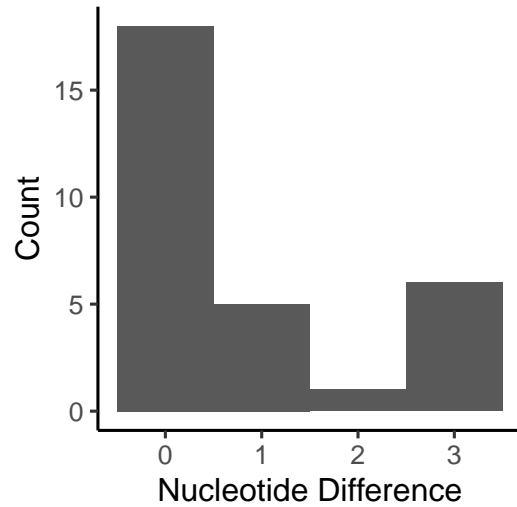
269 sequences assigned  
171 (63.6%) exact matches, in which:  
86 unique CDR3  
11 unique J





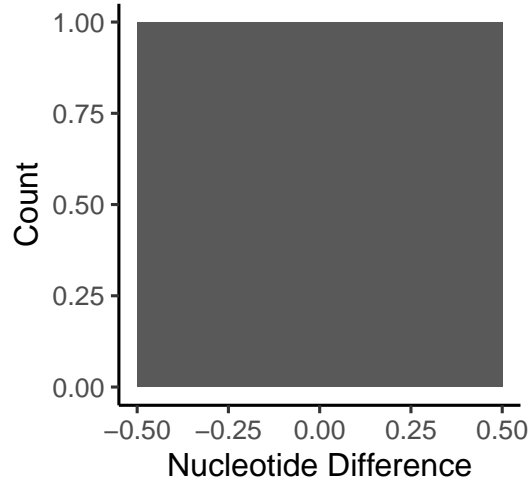
### TRBV7-3\*bp01

30 sequences assigned  
18 (60%) exact matches, in which:  
10 unique CDR3  
5 unique J



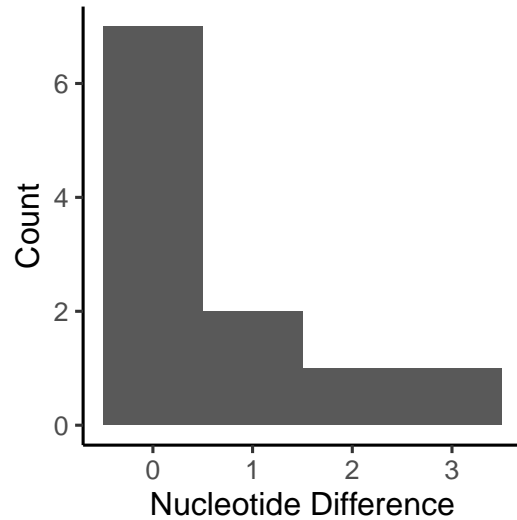
### TRBV7-7\*bp01

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



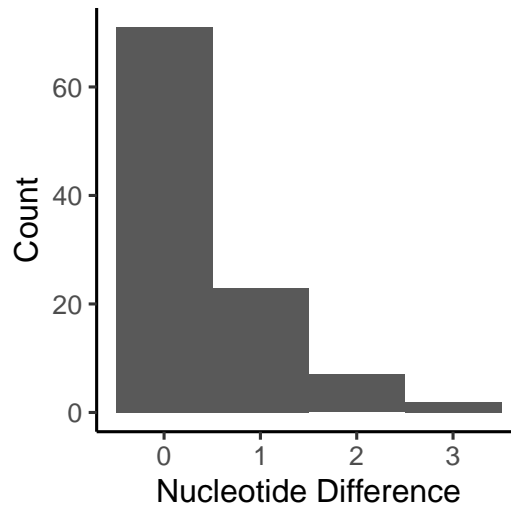
### TRBV7-4\*bp01

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



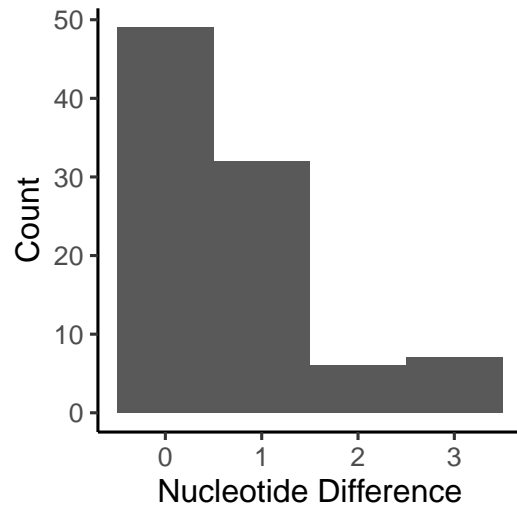
### TRBV7-9\*bp01

103 sequences assigned  
71 (68.9%) exact matches, in which:  
36 unique CDR3  
11 unique J



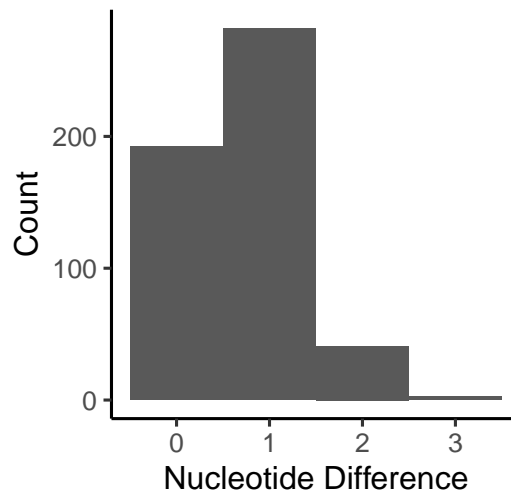
### TRBV7-6\*bp01

94 sequences assigned  
49 (52.1%) exact matches, in which:  
16 unique CDR3  
8 unique J

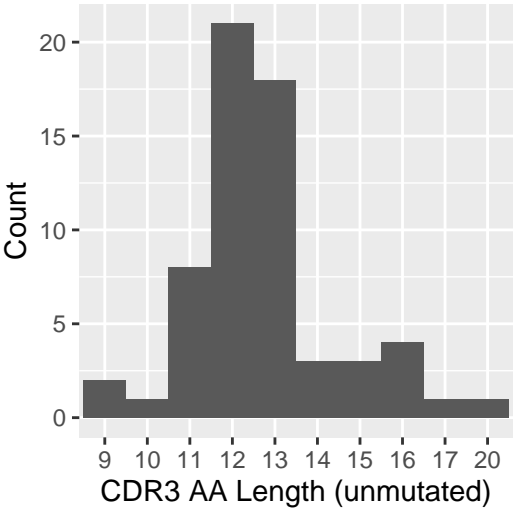


### TRBV29-1\*bp01

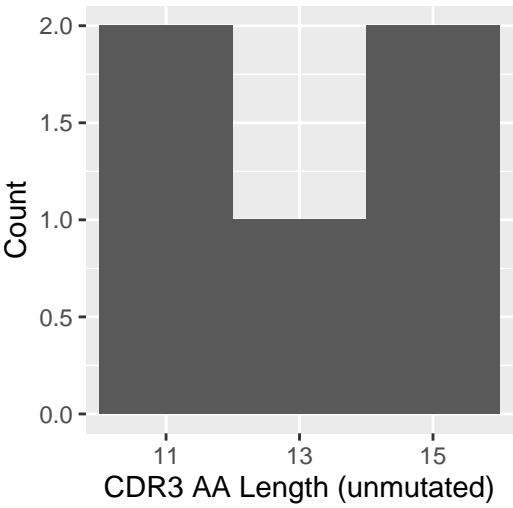
518 sequences assigned  
192 (37.1%) exact matches, in which:  
109 unique CDR3  
9 unique J



TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



TRBV14\*bp02\_322CAAGA326



TRBV20-1\*bp04\_322GA323

