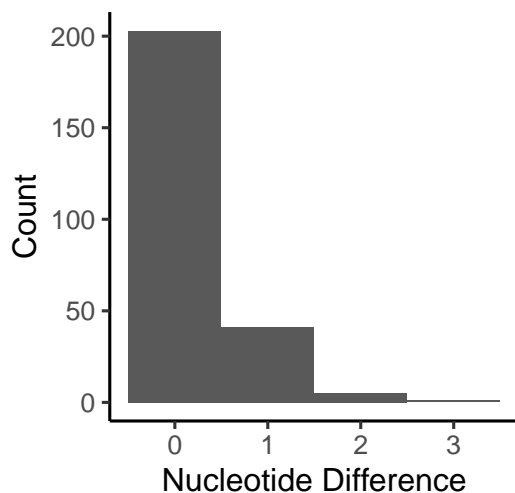


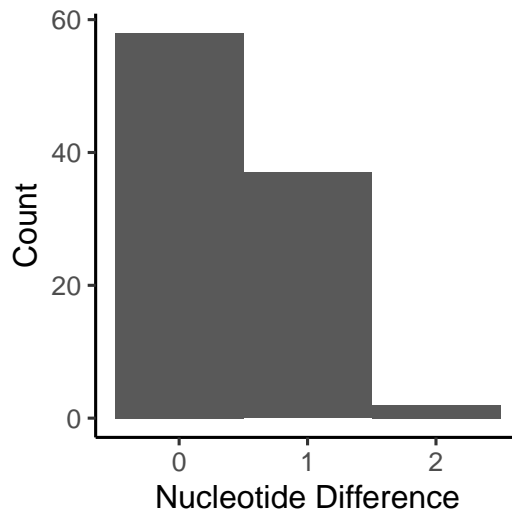
### TRBV20–1\*bp01

250 sequences assigned  
203 (81.2%) exact matches, in which:  
140 unique CDR3  
11 unique J



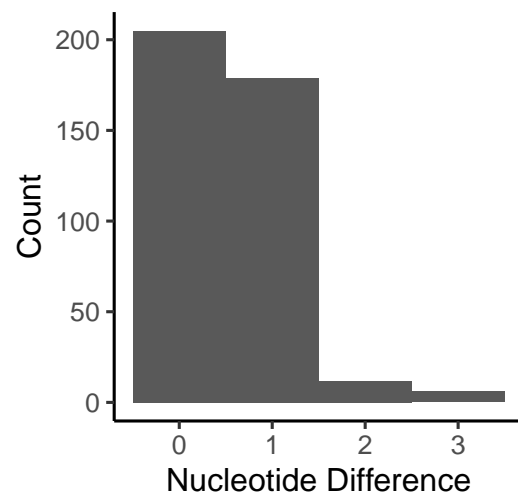
### TRBV10–3\*bp01

97 sequences assigned  
58 (59.8%) exact matches, in which:  
40 unique CDR3  
11 unique J



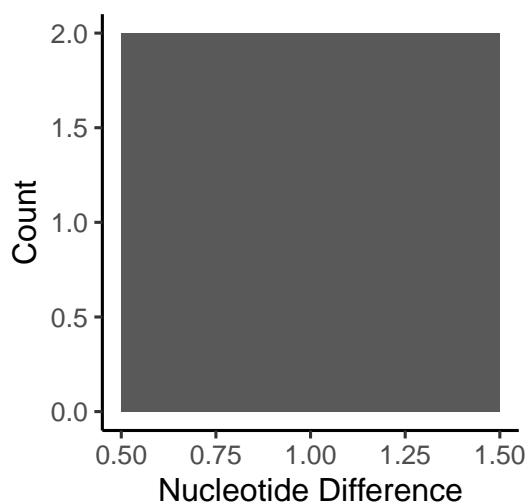
### TRBV15\*bp02

402 sequences assigned  
205 (51%) exact matches, in which:  
99 unique CDR3  
13 unique J



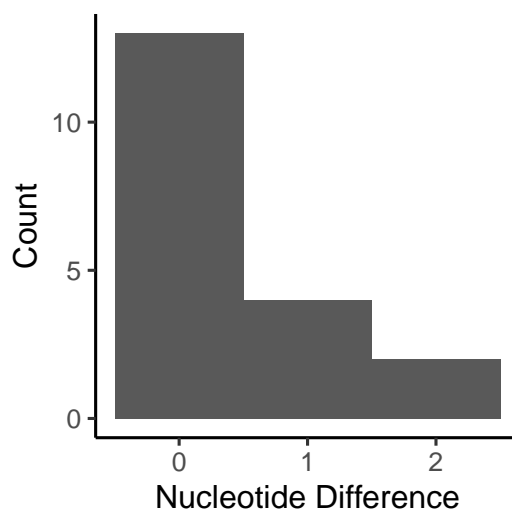
### TRBV10–1\*bp02

2 sequences assigned  
No exact matches.



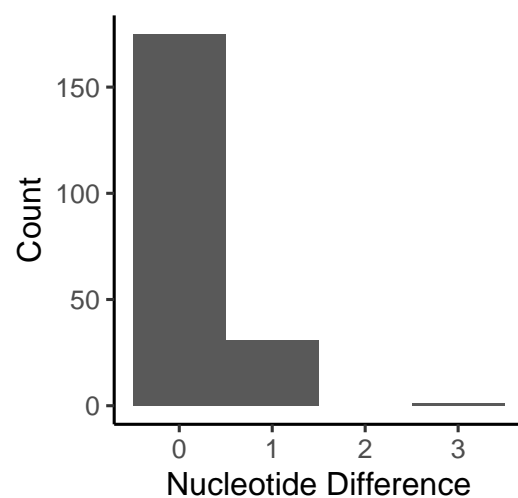
### TRBV13\*bp01

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



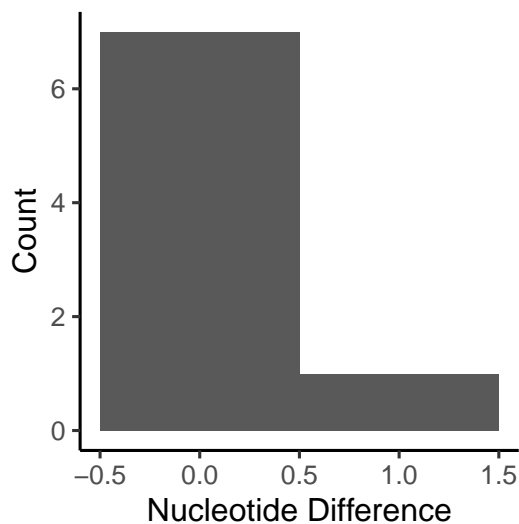
### TRBV18\*bp01

207 sequences assigned  
175 (84.5%) exact matches, in which:  
105 unique CDR3  
13 unique J



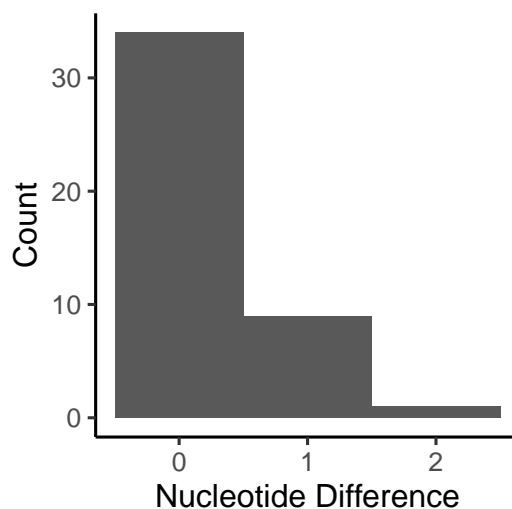
### TRBV10–2\*bp01

8 sequences assigned  
7 (87.5%) exact matches, in which:  
5 unique CDR3  
4 unique J



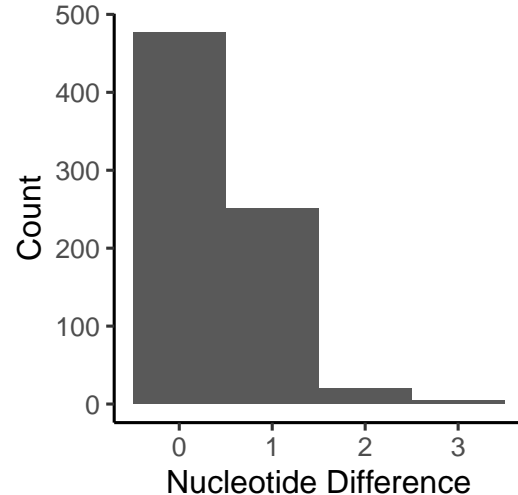
### TRBV14\*bp01

44 sequences assigned  
34 (77.3%) exact matches, in which:  
28 unique CDR3  
11 unique J



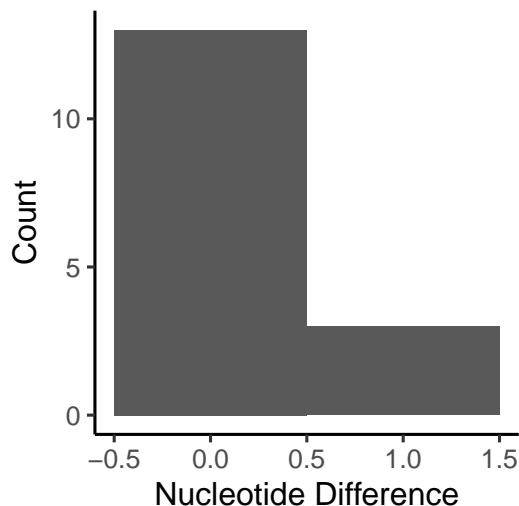
### TRBV19\*bp01

753 sequences assigned  
477 (63.3%) exact matches, in which:  
250 unique CDR3  
14 unique J



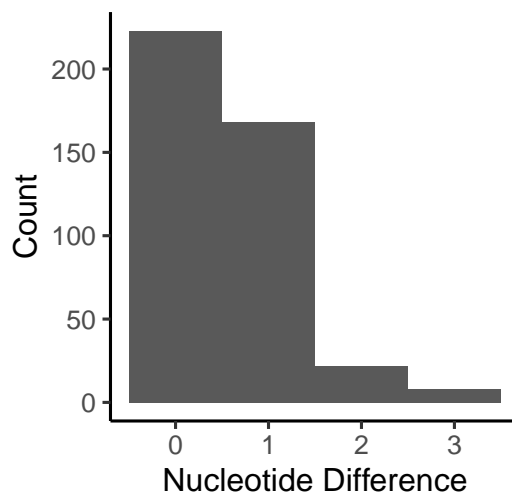
### TRBV2\*bp01

16 sequences assigned  
13 (81.2%) exact matches, in which:  
12 unique CDR3  
6 unique J



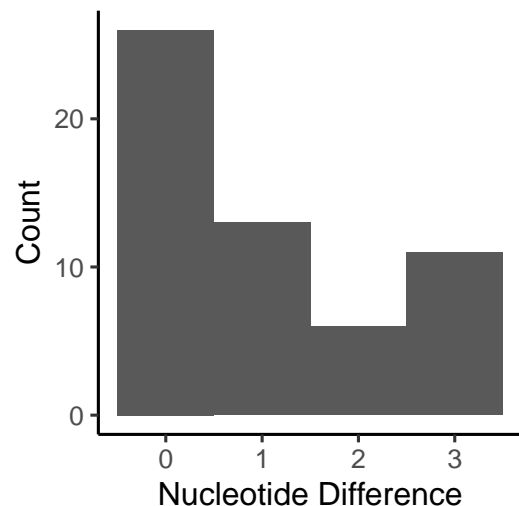
### TRBV30\*bp01

421 sequences assigned  
223 (53%) exact matches, in which:  
118 unique CDR3  
14 unique J



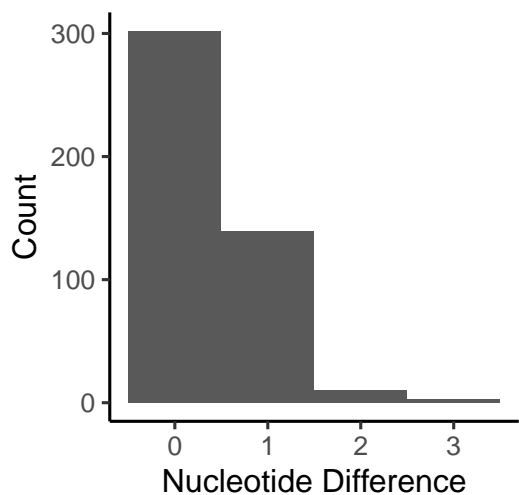
### TRBV11-1\*bp01

56 sequences assigned  
26 (46.4%) exact matches, in which:  
18 unique CDR3  
10 unique J



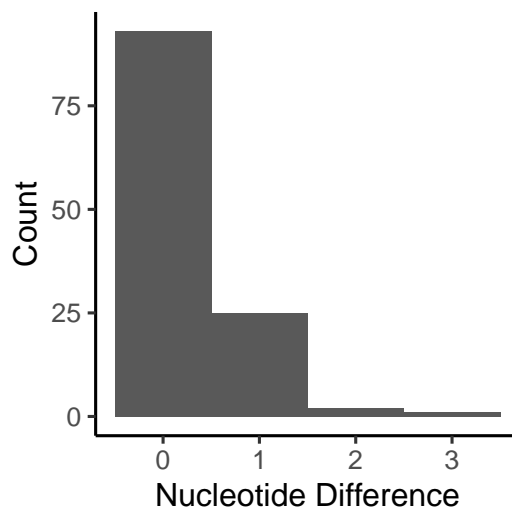
### TRBV27\*bp01

454 sequences assigned  
302 (66.5%) exact matches, in which:  
218 unique CDR3  
14 unique J



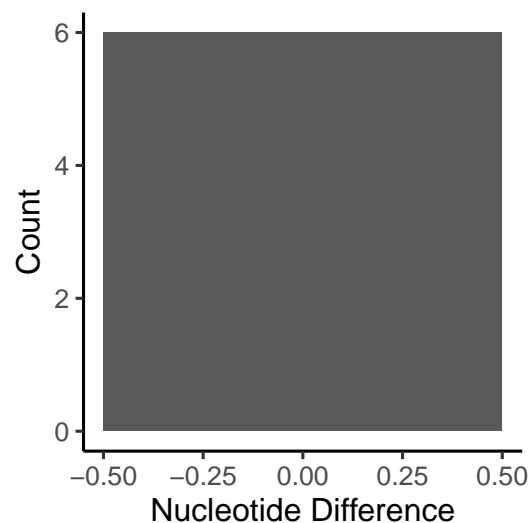
### TRBV30\*bp02

121 sequences assigned  
93 (76.9%) exact matches, in which:  
43 unique CDR3  
13 unique J



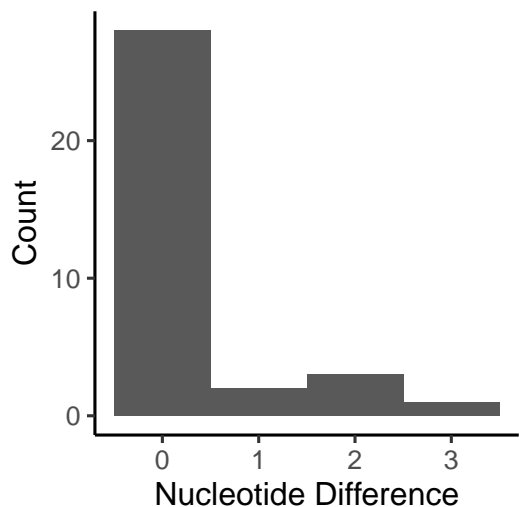
### TRBV21-1\*bp01

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



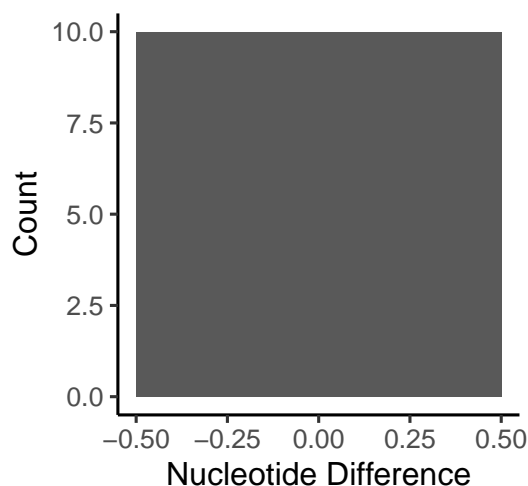
### TRBV28\*bp01

34 sequences assigned  
28 (82.4%) exact matches, in which:  
25 unique CDR3  
9 unique J



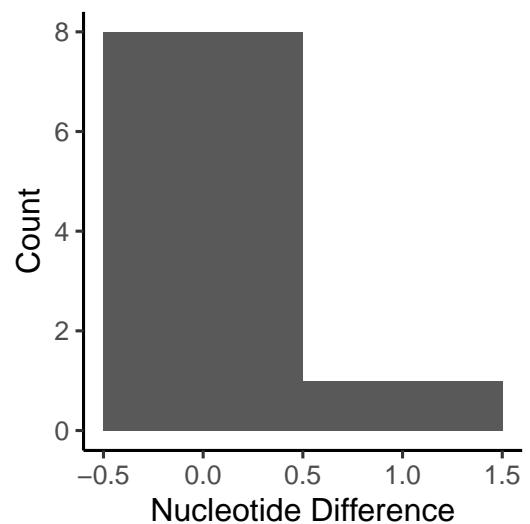
### TRBV9\*bp01

10 sequences assigned  
10 (100%) exact matches, in which:  
8 unique CDR3  
5 unique J



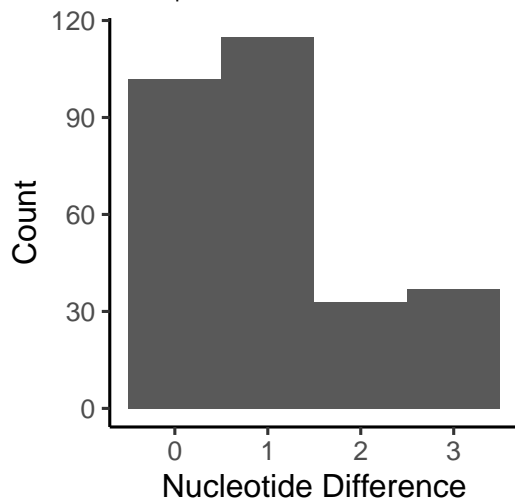
### TRBV21-1\*bp02

9 sequences assigned  
8 (88.9%) exact matches, in which:  
8 unique CDR3  
6 unique J



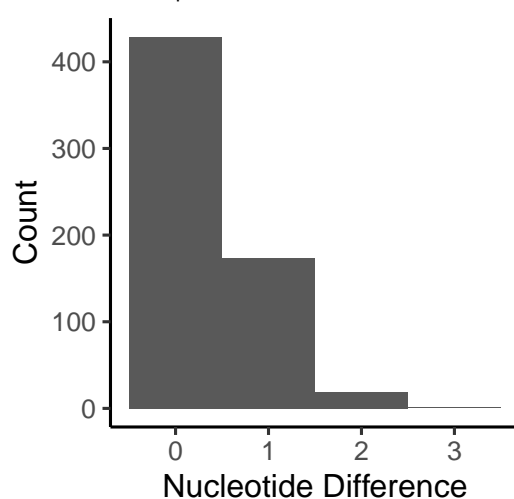
### TRBV11–2\*bp01

287 sequences assigned  
102 (35.5%) exact matches, in which:  
71 unique CDR3  
12 unique J



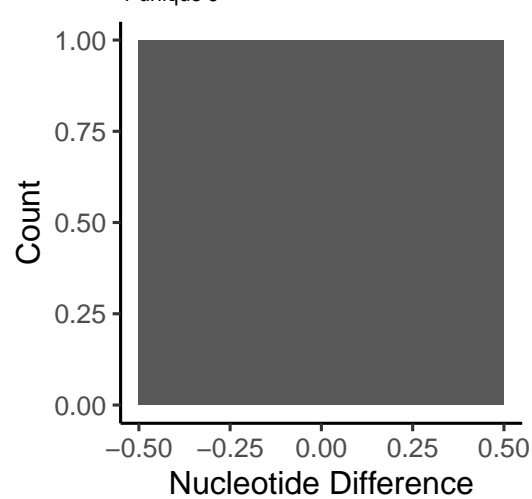
### TRBV12–34\*bp01

623 sequences assigned  
429 (68.9%) exact matches, in which:  
210 unique CDR3  
14 unique J



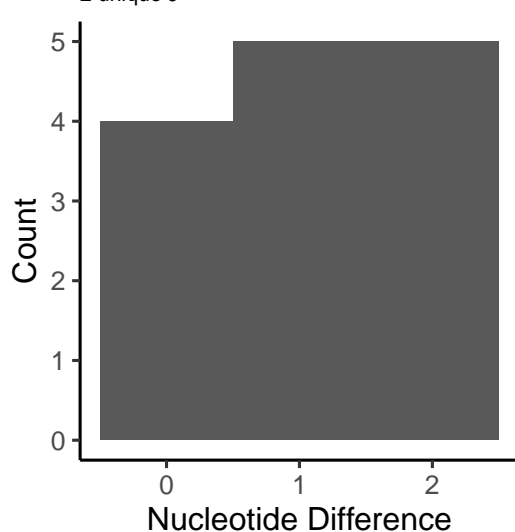
### TRBV4–1\*bp01

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



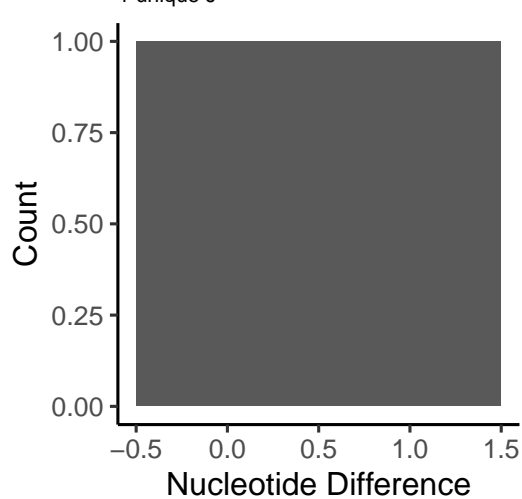
### TRBV11–3\*bp01

14 sequences assigned  
4 (28.6%) exact matches, in which:  
2 unique CDR3  
2 unique J



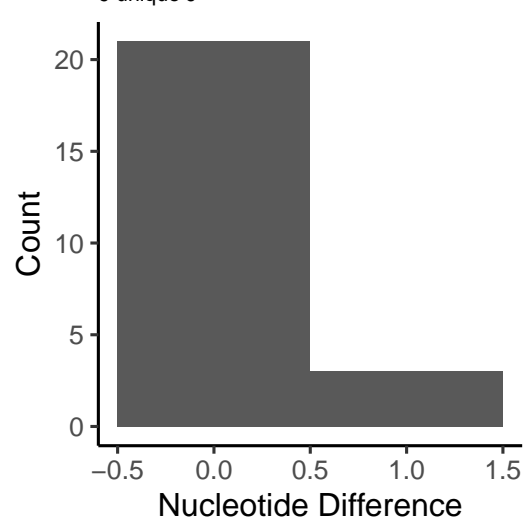
### TRBV23–1\*bp01

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



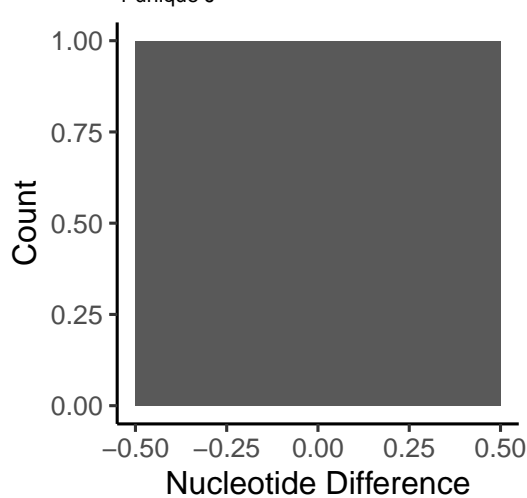
### TRBV24–1\*bp02

24 sequences assigned  
21 (87.5%) exact matches, in which:  
16 unique CDR3  
9 unique J



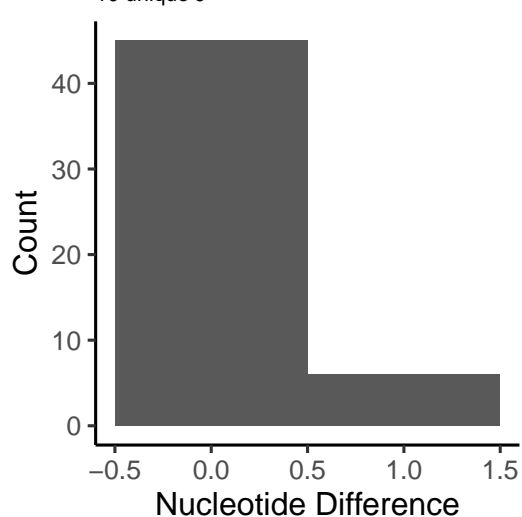
### TRBV12–5\*bp01

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



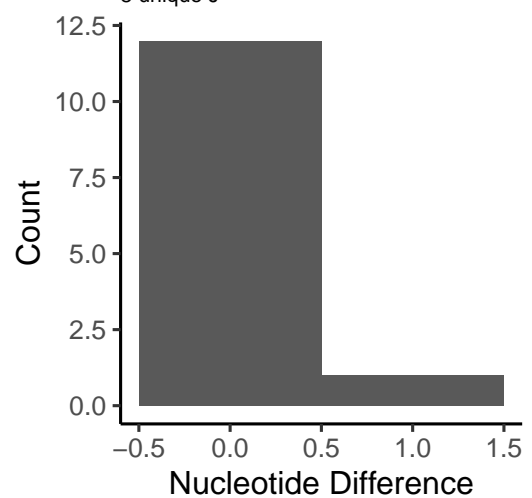
### TRBV24–1\*bp01

51 sequences assigned  
45 (88.2%) exact matches, in which:  
36 unique CDR3  
10 unique J



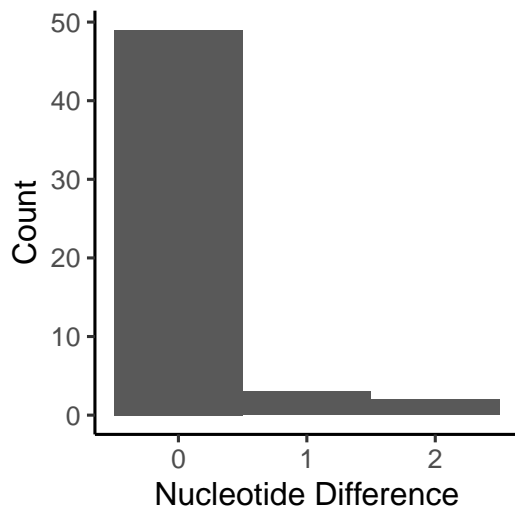
### TRBV4–2\*bp01

13 sequences assigned  
12 (92.3%) exact matches, in which:  
10 unique CDR3  
8 unique J



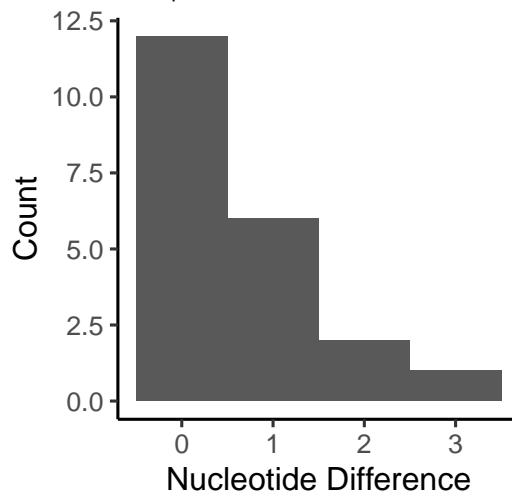
### TRBV4-3\*bp01

54 sequences assigned  
49 (90.7%) exact matches, in which:  
46 unique CDR3  
12 unique J



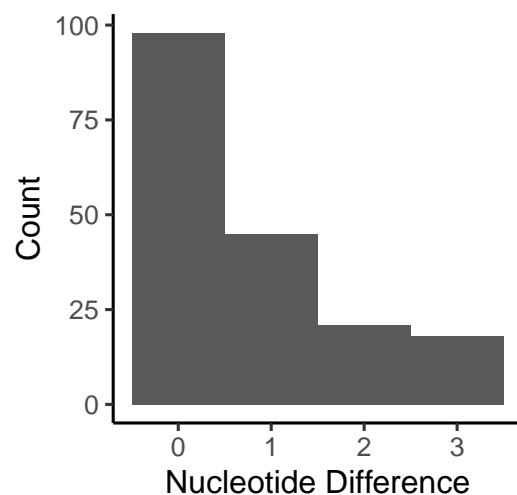
### TRBV5-3\*bp01

21 sequences assigned  
12 (57.1%) exact matches, in which:  
8 unique CDR3  
5 unique J



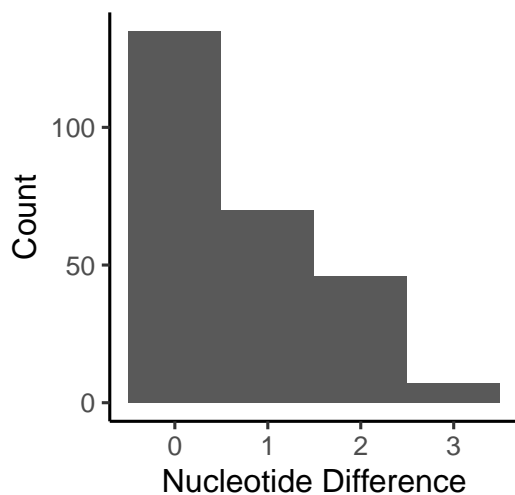
### TRBV5-6\*bp01

182 sequences assigned  
98 (53.8%) exact matches, in which:  
58 unique CDR3  
13 unique J



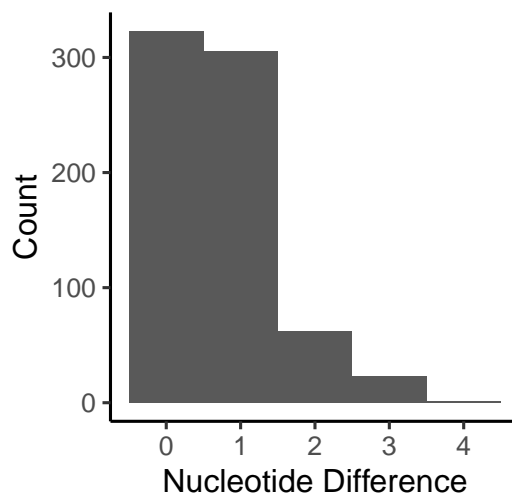
### TRBV5-1\*bp01

258 sequences assigned  
135 (52.3%) exact matches, in which:  
100 unique CDR3  
13 unique J



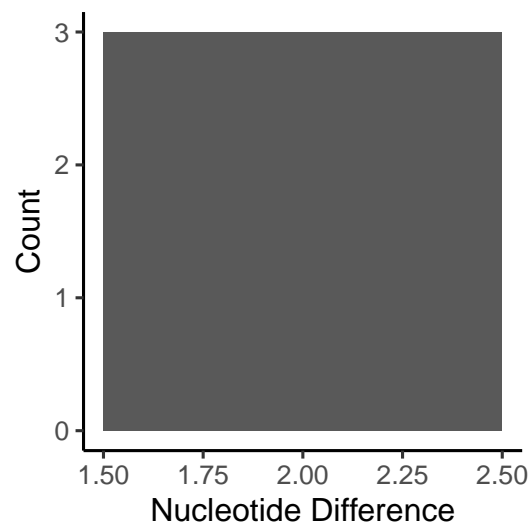
### TRBV5-4\*bp01

714 sequences assigned  
323 (45.2%) exact matches, in which:  
208 unique CDR3  
14 unique J



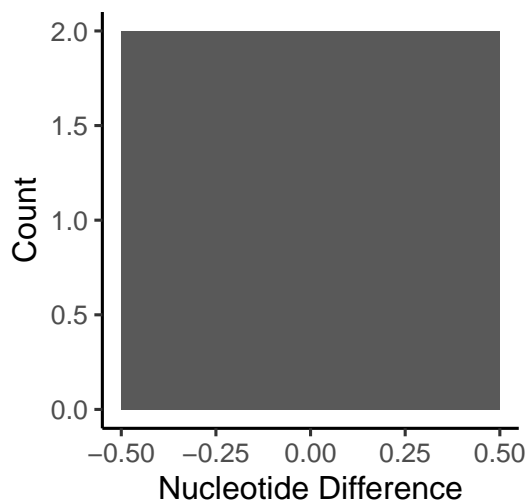
### TRBV5-7\*bp01

3 sequences assigned  
No exact matches.



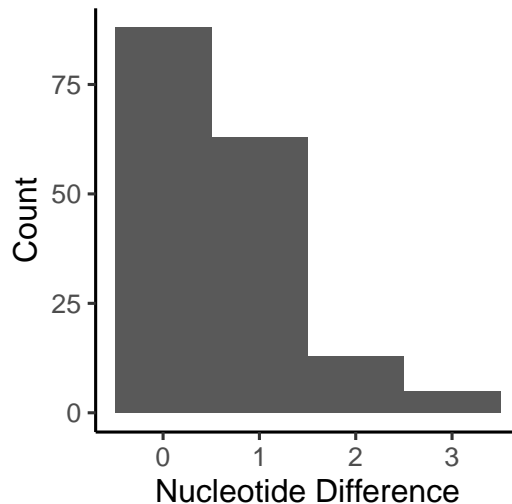
### TRBV25-1\*bp01

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



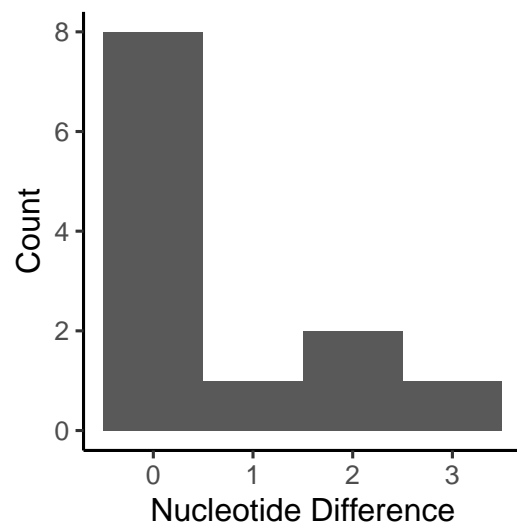
### TRBV5-5\*bp01

169 sequences assigned  
88 (52.1%) exact matches, in which:  
57 unique CDR3  
10 unique J



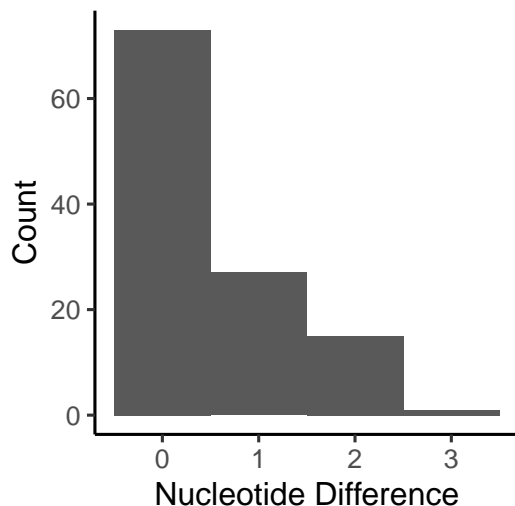
### TRBV5-8\*bp01

12 sequences assigned  
8 (66.7%) exact matches, in which:  
6 unique CDR3  
5 unique J



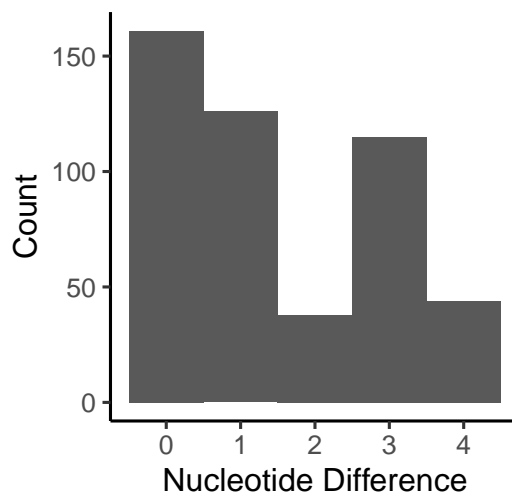
### TRBV6-1\*bp01

116 sequences assigned  
73 (62.9%) exact matches, in which:  
66 unique CDR3  
12 unique J



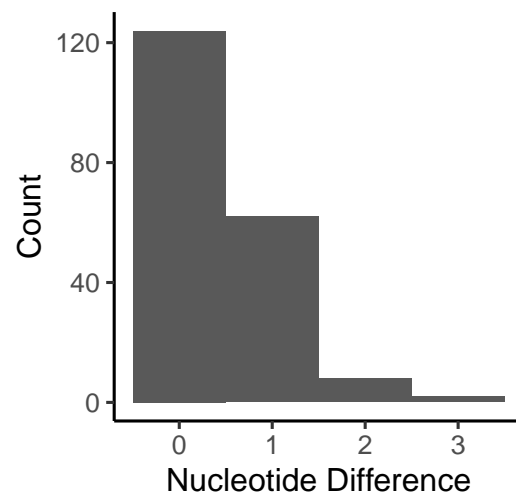
### TRBV6-6\*bp01

484 sequences assigned  
161 (33.3%) exact matches, in which:  
121 unique CDR3  
14 unique J



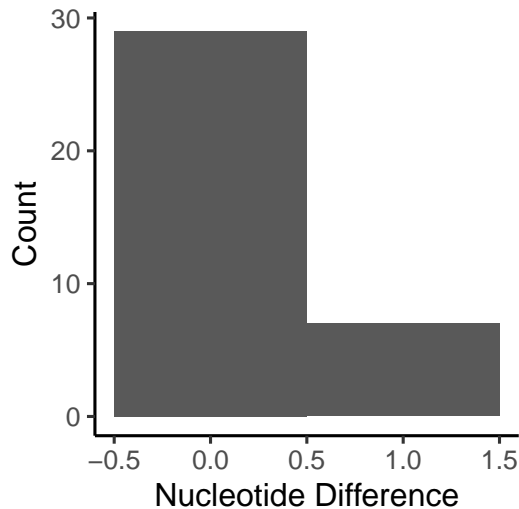
### TRBV6-23\*bp01

196 sequences assigned  
124 (63.3%) exact matches, in which:  
97 unique CDR3  
14 unique J



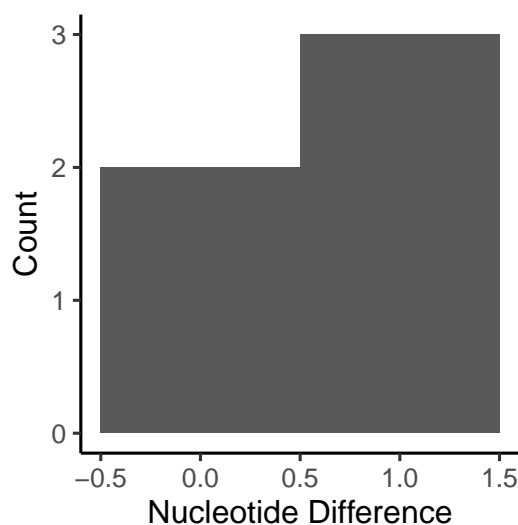
### TRBV6-4\*bp01

36 sequences assigned  
29 (80.6%) exact matches, in which:  
23 unique CDR3  
9 unique J



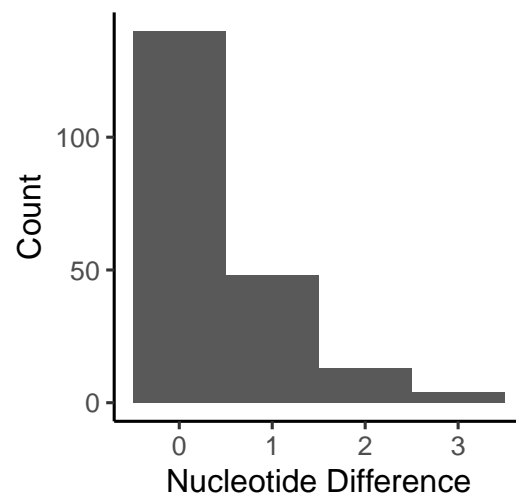
### TRBV6-8\*bp01

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



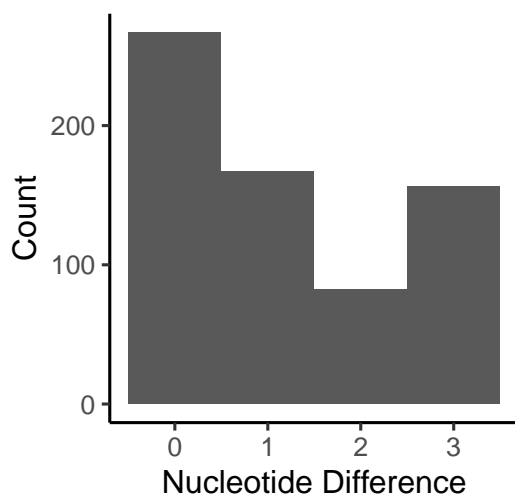
### TRBV7-2\*bp01

205 sequences assigned  
140 (68.3%) exact matches, in which:  
107 unique CDR3  
14 unique J



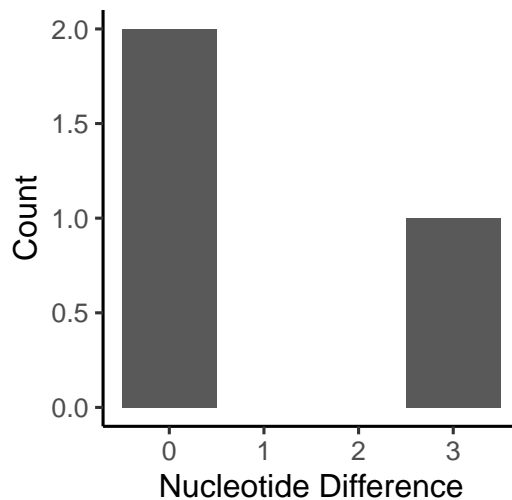
### TRBV6-5\*bp01

672 sequences assigned  
267 (39.7%) exact matches, in which:  
211 unique CDR3  
13 unique J



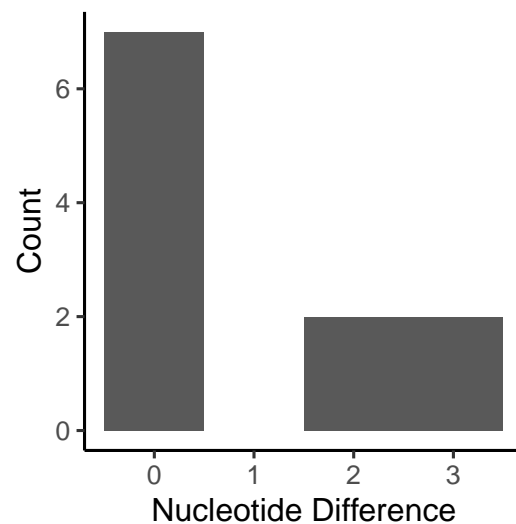
### TRBV6-9\*bp01

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



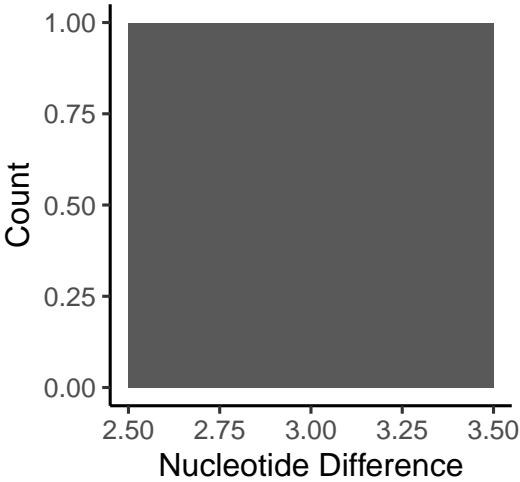
### TRBV7-3\*bp01

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



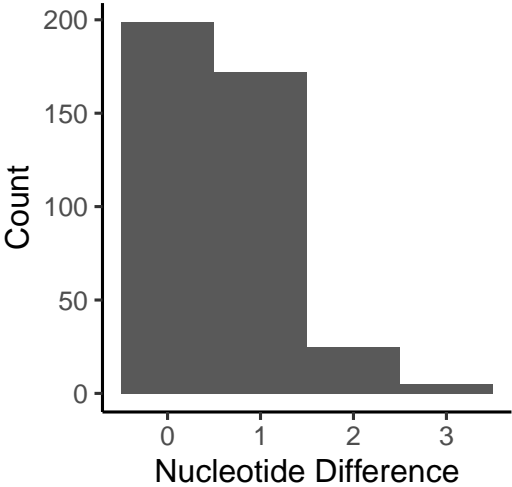
TRBV7-4\*bp01

1 sequences assigned  
No exact matches.



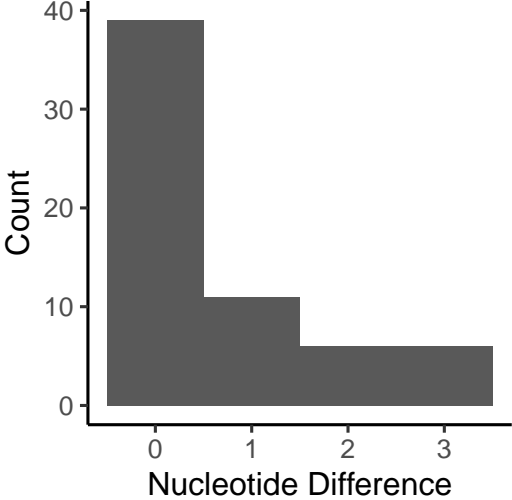
TRBV29-1\*bp01

401 sequences assigned  
199 (49.6%) exact matches, in which:  
133 unique CDR3  
10 unique J



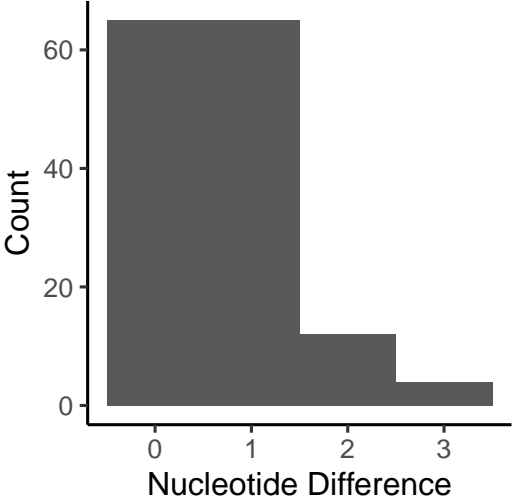
TRBV7-6\*bp01

62 sequences assigned  
39 (62.9%) exact matches, in which:  
25 unique CDR3  
9 unique J



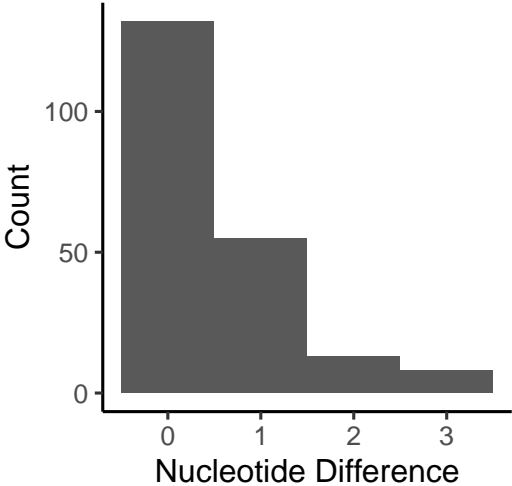
TRBV29-1\*bp03

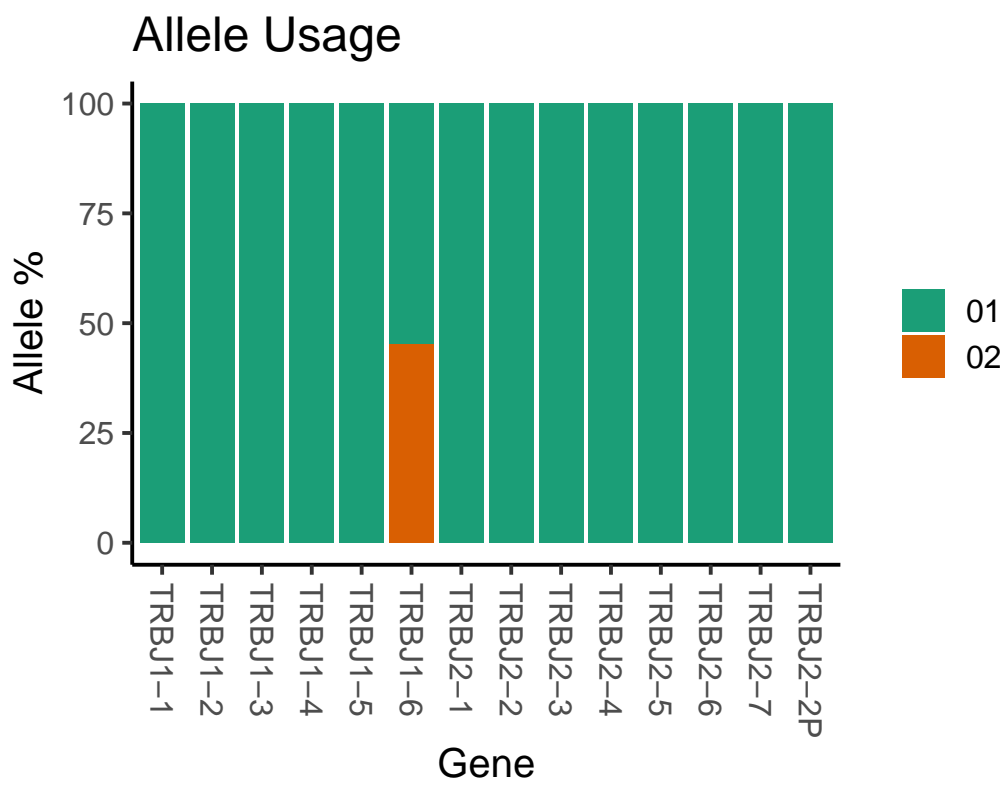
146 sequences assigned  
65 (44.5%) exact matches, in which:  
39 unique CDR3  
9 unique J



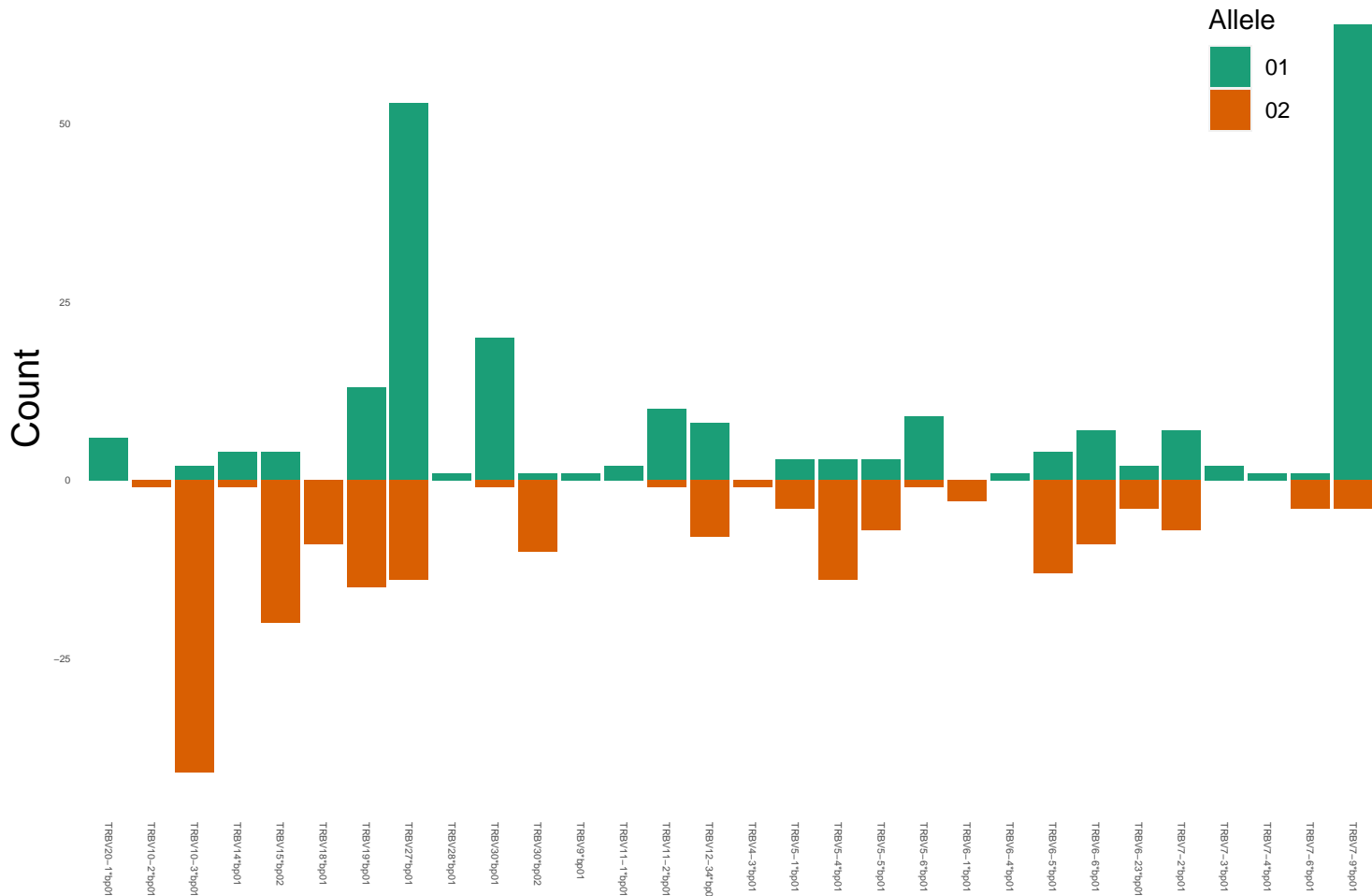
TRBV7-9\*bp01

208 sequences assigned  
132 (63.5%) exact matches, in which:  
87 unique CDR3  
13 unique J





Sequence Count by TRBJ1–6 allele usage





[illegible]