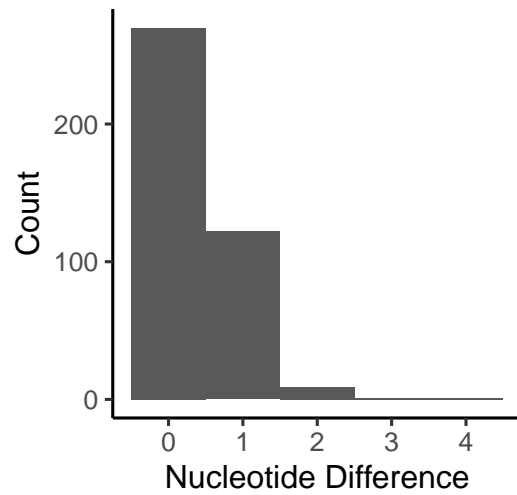


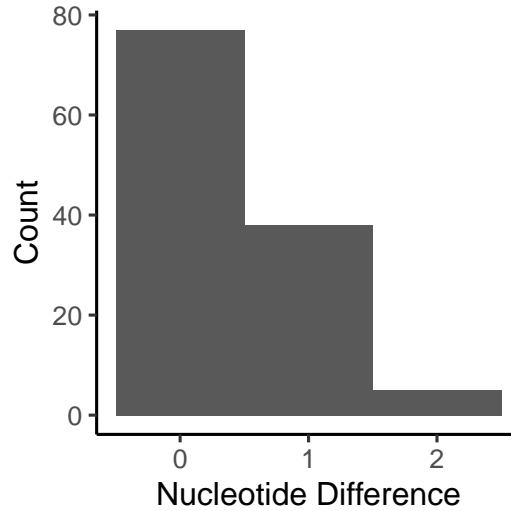
### TRBV20–1\*bp01

403 sequences assigned  
270 (67%) exact matches, in which:  
180 unique CDR3  
14 unique J



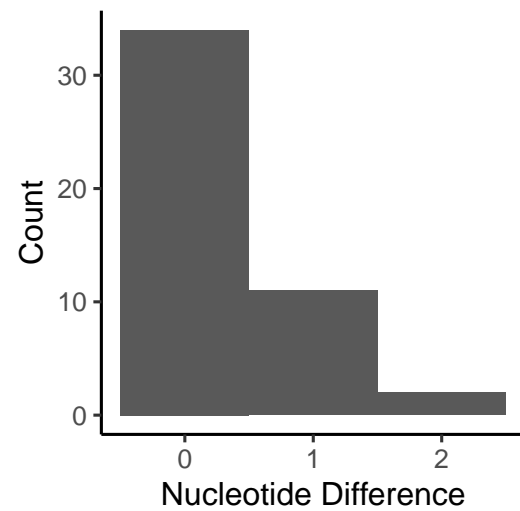
### TRBV10–3\*bp01

120 sequences assigned  
77 (64.2%) exact matches, in which:  
58 unique CDR3  
12 unique J



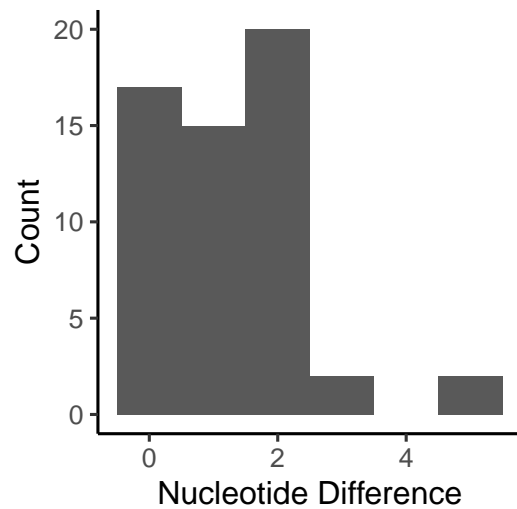
### TRBV15\*bp02

47 sequences assigned  
34 (72.3%) exact matches, in which:  
29 unique CDR3  
11 unique J



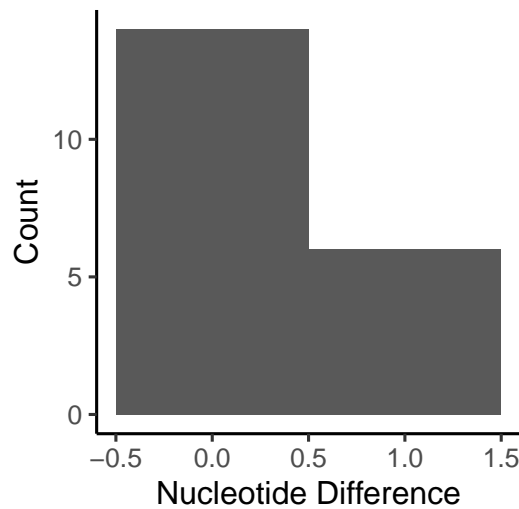
### TRBV10–1\*bp02

56 sequences assigned  
17 (30.4%) exact matches, in which:  
13 unique CDR3  
6 unique J



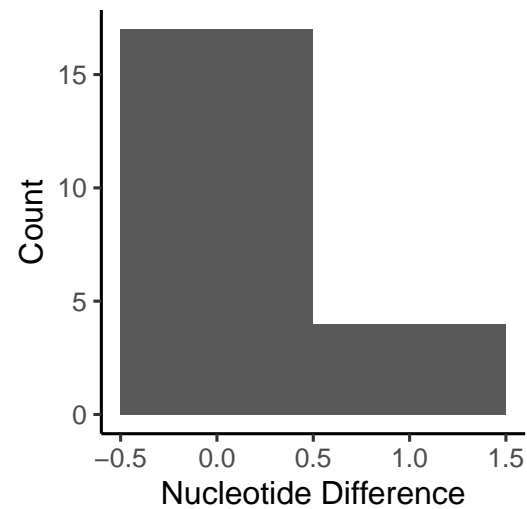
### TRBV13\*bp01

20 sequences assigned  
14 (70%) exact matches, in which:  
13 unique CDR3  
6 unique J



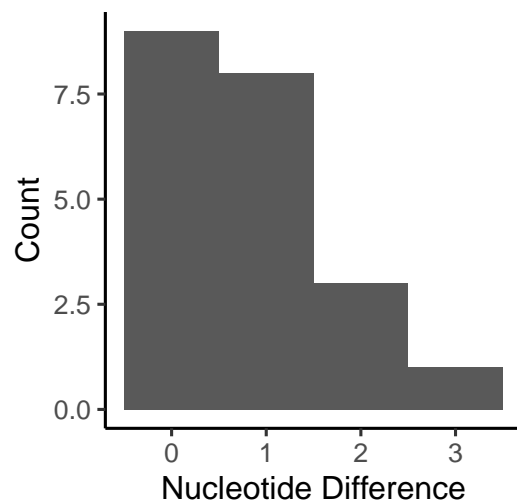
### TRBV18\*bp01

21 sequences assigned  
17 (81%) exact matches, in which:  
17 unique CDR3  
8 unique J



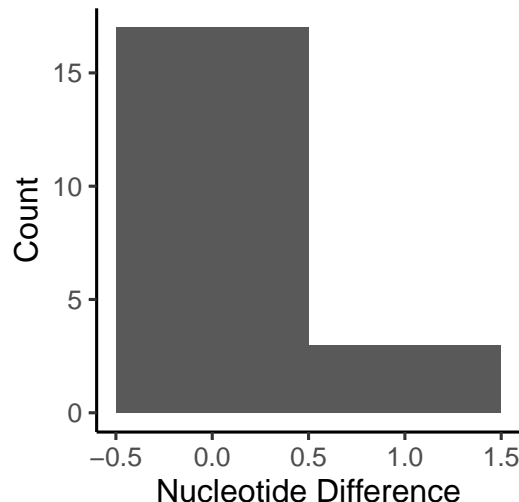
### TRBV10–2\*bp02

21 sequences assigned  
9 (42.9%) exact matches, in which:  
9 unique CDR3  
7 unique J



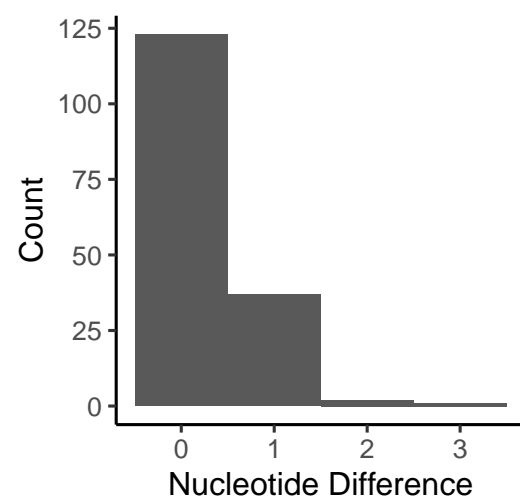
### TRBV14\*bp01

20 sequences assigned  
17 (85%) exact matches, in which:  
17 unique CDR3  
9 unique J



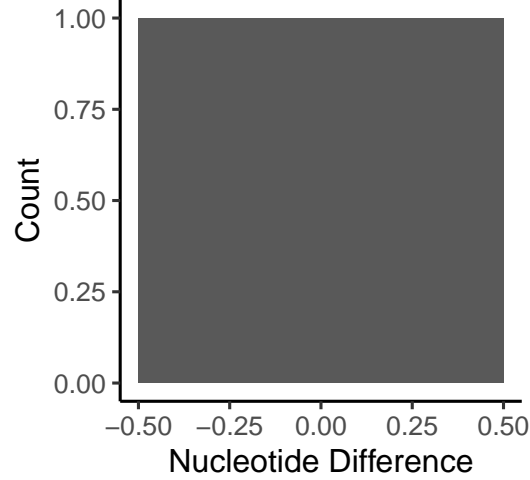
### TRBV19\*bp01

163 sequences assigned  
123 (75.5%) exact matches, in which:  
106 unique CDR3  
14 unique J



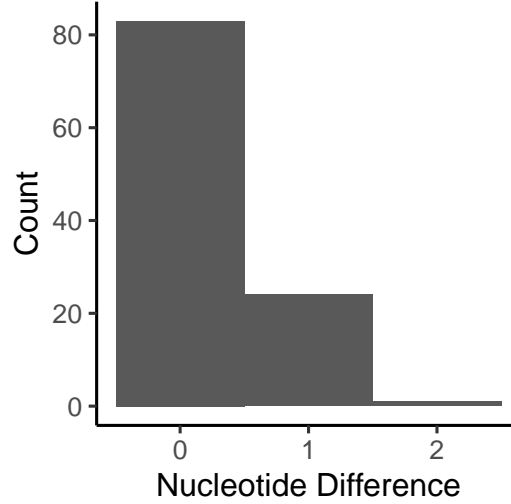
### TRBV2\*bp01

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



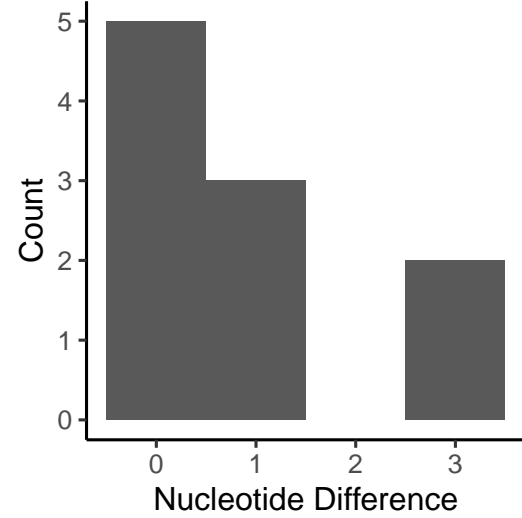
### TRBV30\*bp02

108 sequences assigned  
83 (76.9%) exact matches, in which:  
47 unique CDR3  
12 unique J



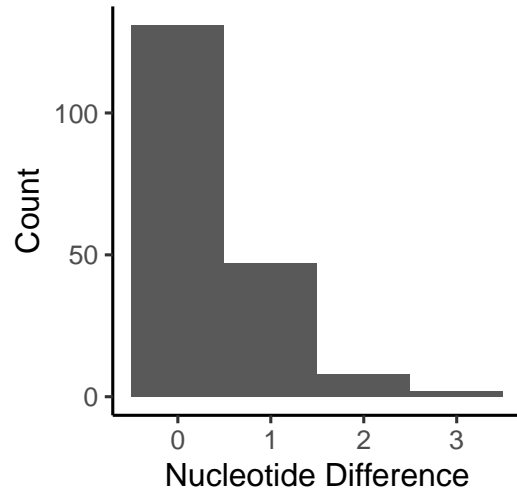
### TRBV11-1\*bp01

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



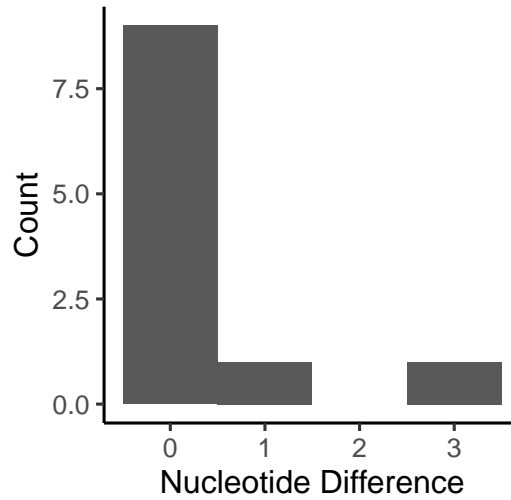
### TRBV27\*bp01

188 sequences assigned  
131 (69.7%) exact matches, in which:  
104 unique CDR3  
14 unique J



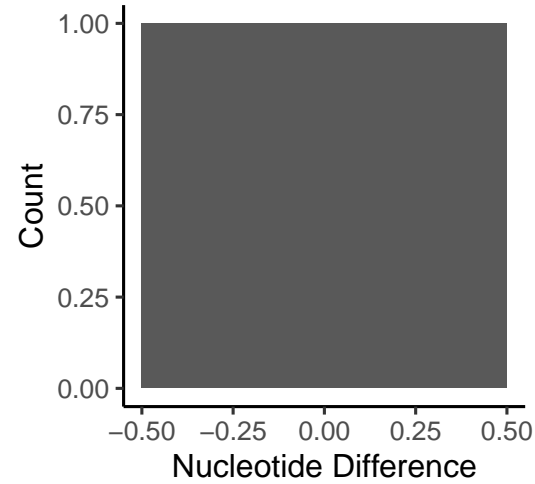
### TRBV9\*bp01

11 sequences assigned  
9 (81.8%) exact matches, in which:  
8 unique CDR3  
4 unique J



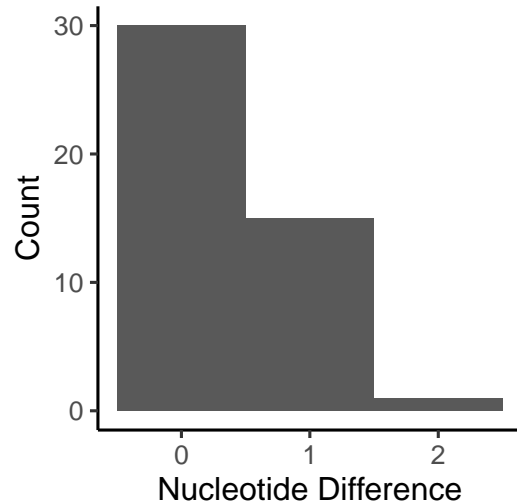
### TRBV21-1\*bp01

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



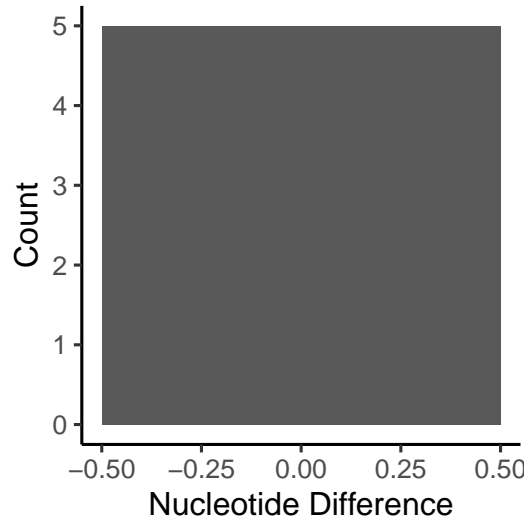
### TRBV28\*bp01

46 sequences assigned  
30 (65.2%) exact matches, in which:  
27 unique CDR3  
11 unique J



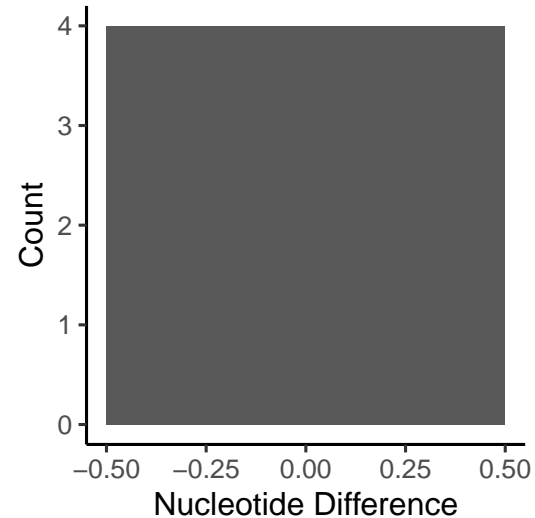
### TRBV9\*bp02

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



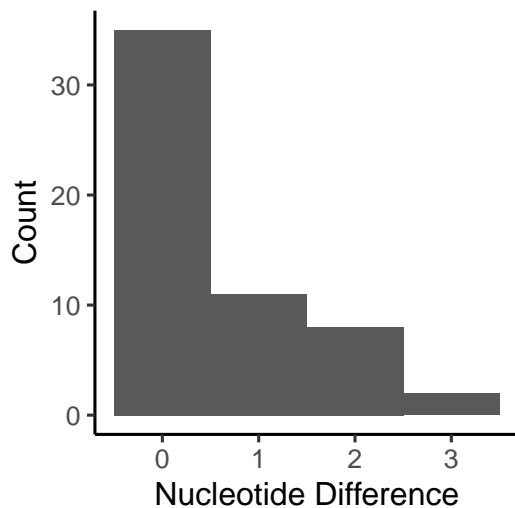
### TRBV21-1\*bp02

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



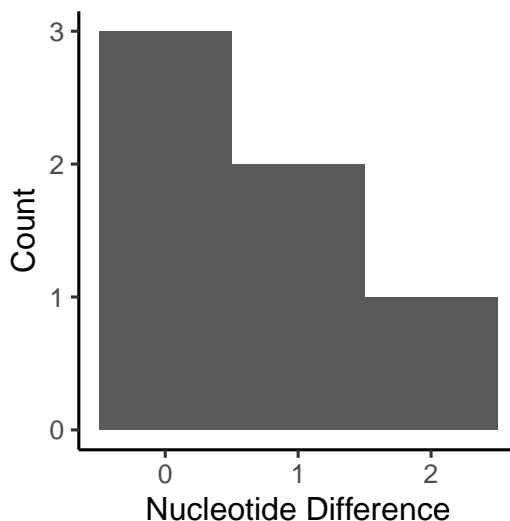
### TRBV11-2\*bp01

56 sequences assigned  
35 (62.5%) exact matches, in which:  
31 unique CDR3  
10 unique J



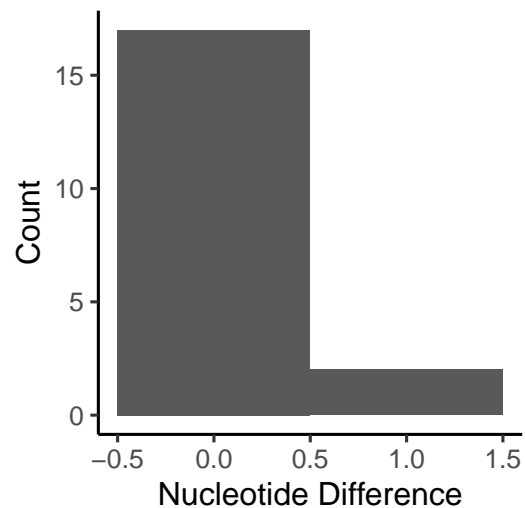
### TRBV12-5\*bp01

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



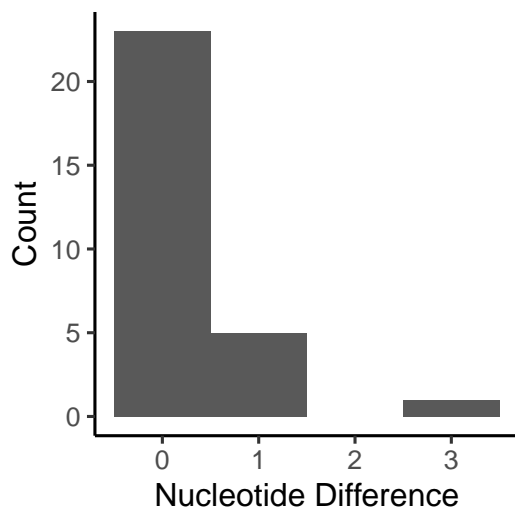
### TRBV4-1\*bp01

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



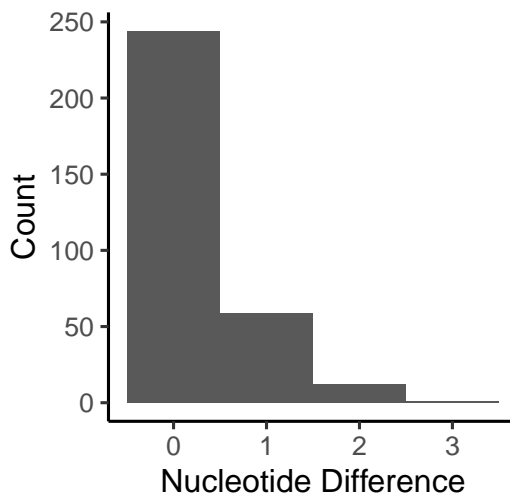
### TRBV11-2\*bp03

29 sequences assigned  
23 (79.3%) exact matches, in which:  
21 unique CDR3  
8 unique J



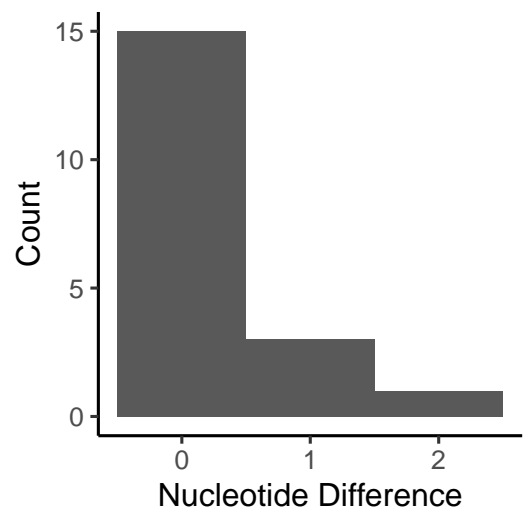
### TRBV12-34\*bp01

316 sequences assigned  
244 (77.2%) exact matches, in which:  
157 unique CDR3  
14 unique J



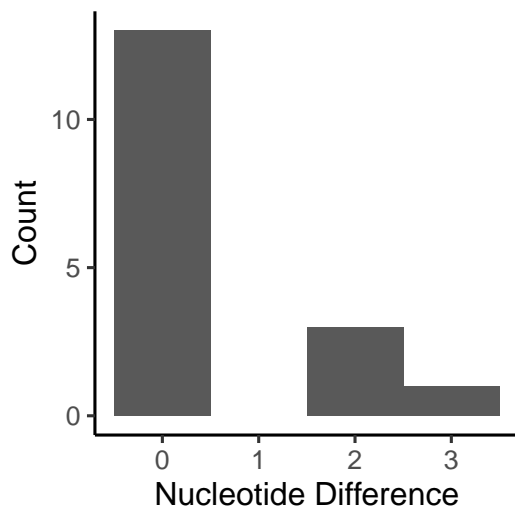
### TRBV24-1\*bp01

19 sequences assigned  
15 (78.9%) exact matches, in which:  
15 unique CDR3  
7 unique J



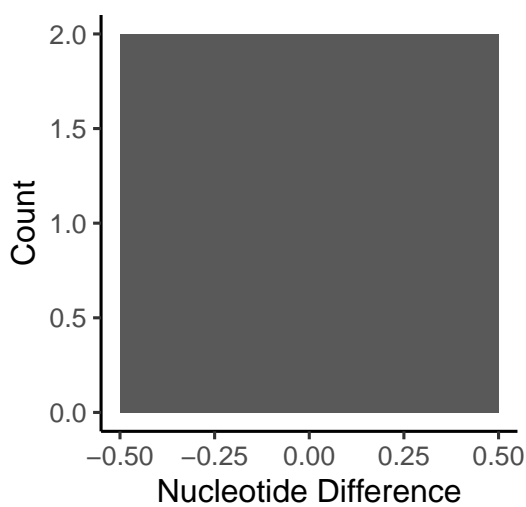
### TRBV11-3\*bp01

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



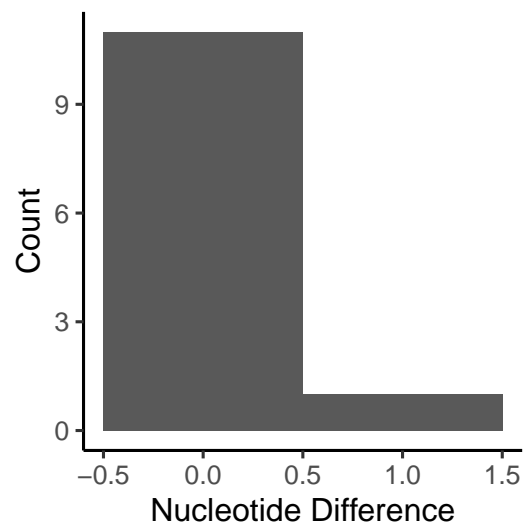
### TRBV23-1\*bp01

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



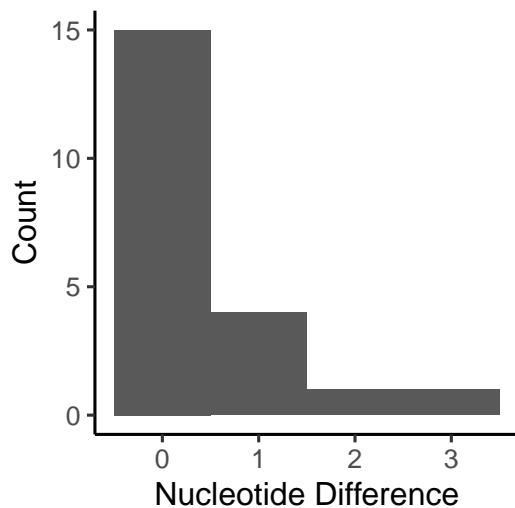
### TRBV24-1\*bp02

12 sequences assigned  
11 (91.7%) exact matches, in which:  
10 unique CDR3  
6 unique J



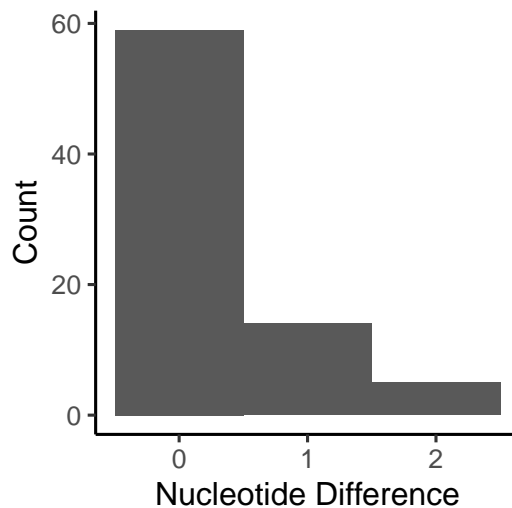
### TRBV4-2\*bp01

21 sequences assigned  
15 (71.4%) exact matches, in which:  
13 unique CDR3  
10 unique J



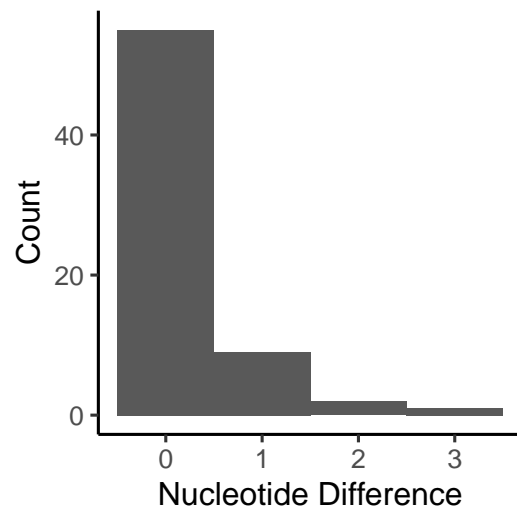
### TRBV5-1\*bp01

78 sequences assigned  
59 (75.6%) exact matches, in which:  
55 unique CDR3  
11 unique J



### TRBV5-4\*bp01

67 sequences assigned  
55 (82.1%) exact matches, in which:  
49 unique CDR3  
12 unique J



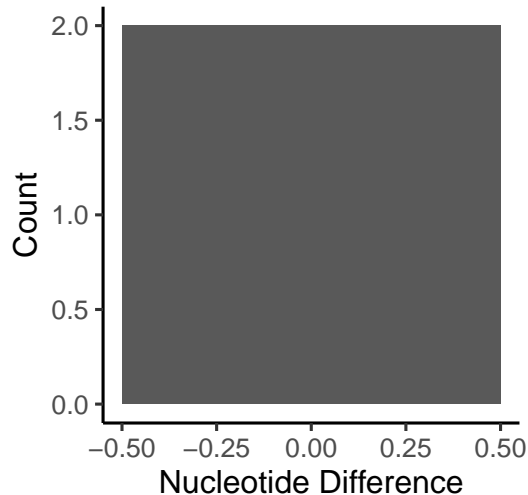
### TRBV4-3\*bp01

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



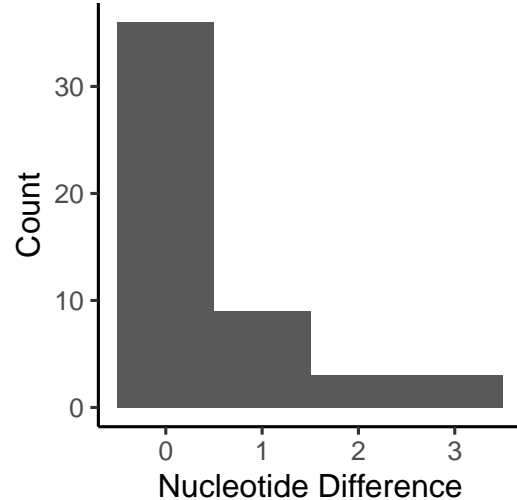
### TRBV5-3\*bp01

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



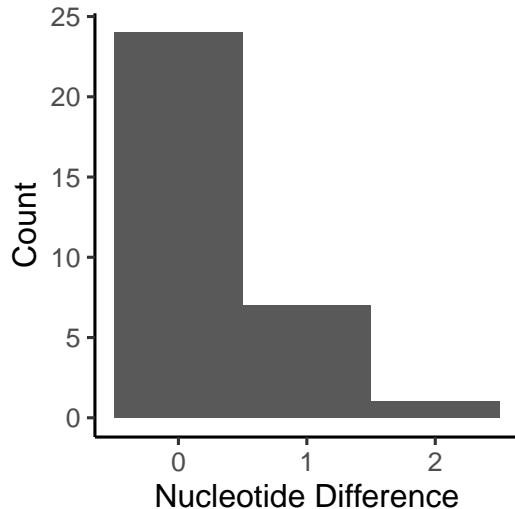
### TRBV5-5\*bp01

51 sequences assigned  
36 (70.6%) exact matches, in which:  
30 unique CDR3  
11 unique J



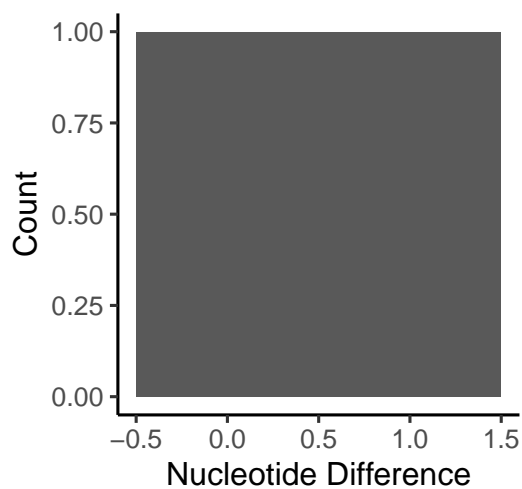
### TRBV25-1\*bp01

32 sequences assigned  
24 (75%) exact matches, in which:  
18 unique CDR3  
7 unique J



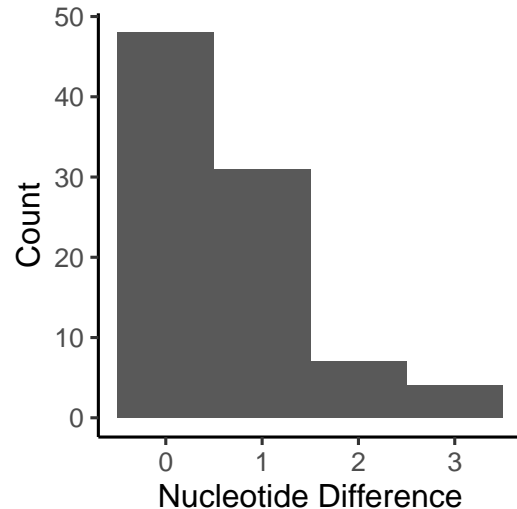
### TRBV5-3\*bp02

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



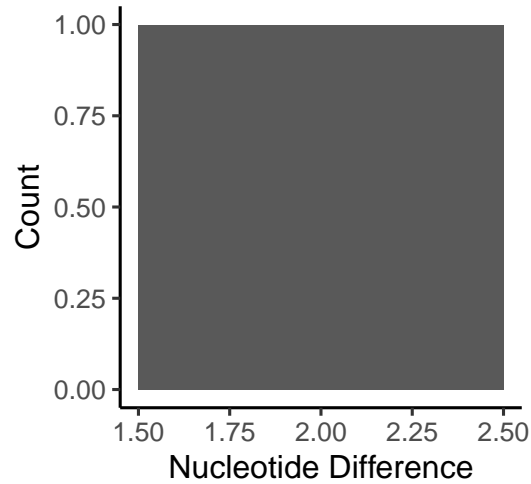
### TRBV5-6\*bp01

90 sequences assigned  
48 (53.3%) exact matches, in which:  
38 unique CDR3  
13 unique J



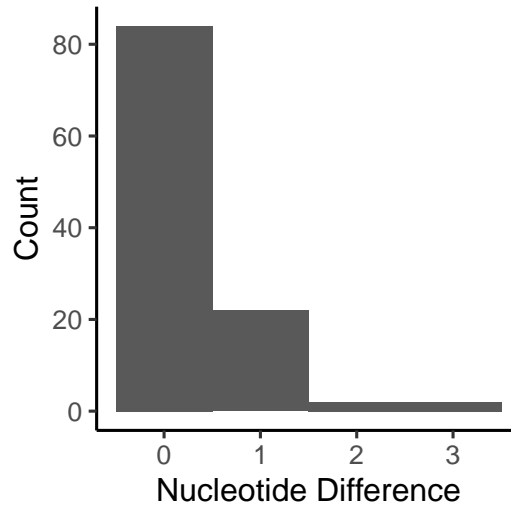
### TRBV5-7\*bp01

1 sequences assigned  
No exact matches.



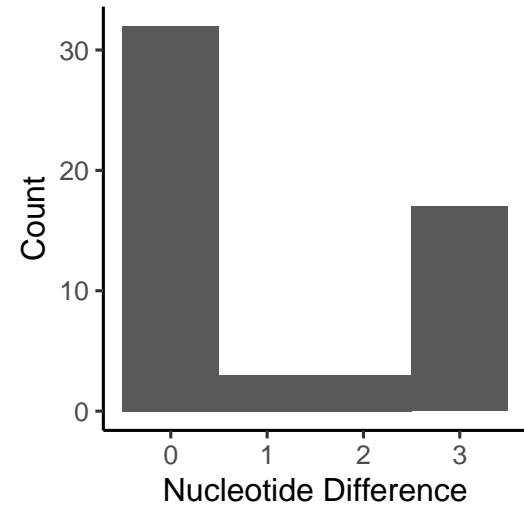
### TRBV6-4\*bp01

110 sequences assigned  
84 (76.4%) exact matches, in which:  
76 unique CDR3  
14 unique J



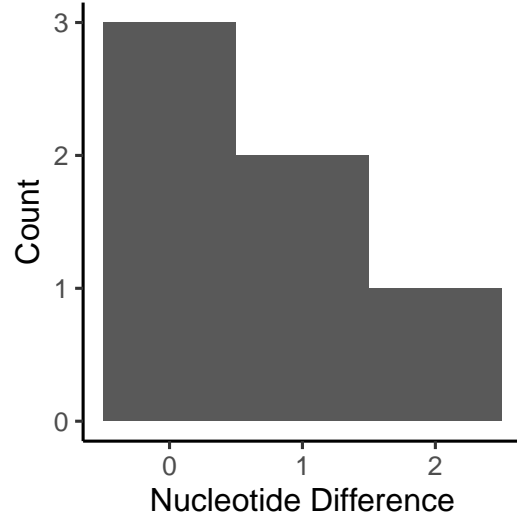
### TRBV6-6\*bp02

55 sequences assigned  
32 (58.2%) exact matches, in which:  
31 unique CDR3  
9 unique J



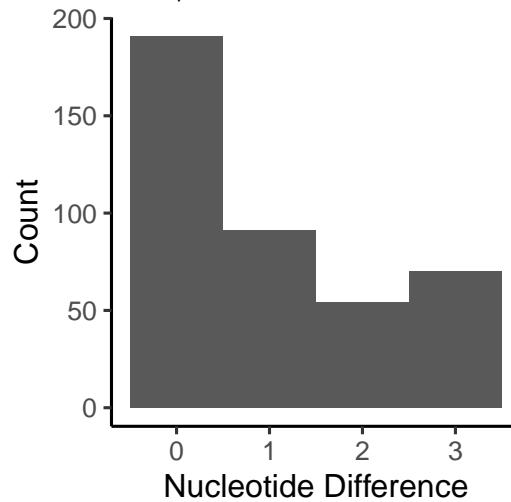
### TRBV5-8\*bp01

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



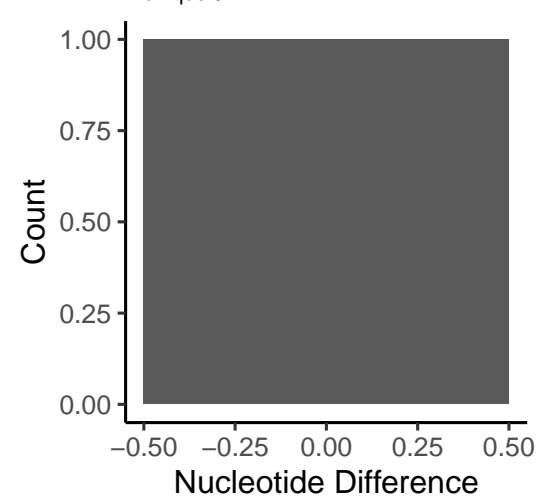
### TRBV6-5\*bp01

406 sequences assigned  
191 (47%) exact matches, in which:  
172 unique CDR3  
14 unique J



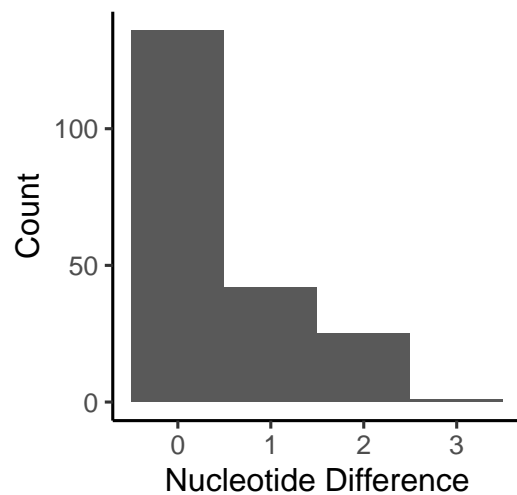
### TRBV6-7\*bp01

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



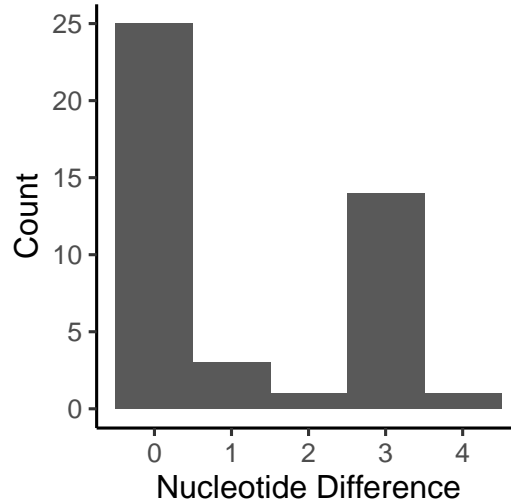
### TRBV6-1\*bp01

204 sequences assigned  
136 (66.7%) exact matches, in which:  
116 unique CDR3  
13 unique J



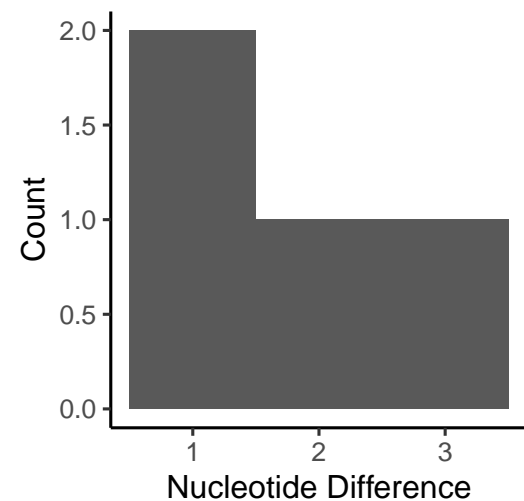
### TRBV6-6\*bp01

44 sequences assigned  
25 (56.8%) exact matches, in which:  
24 unique CDR3  
10 unique J



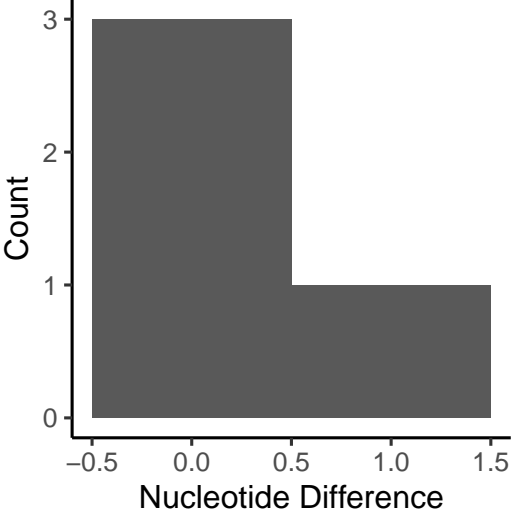
### TRBV6-8\*bp01

4 sequences assigned  
No exact matches.



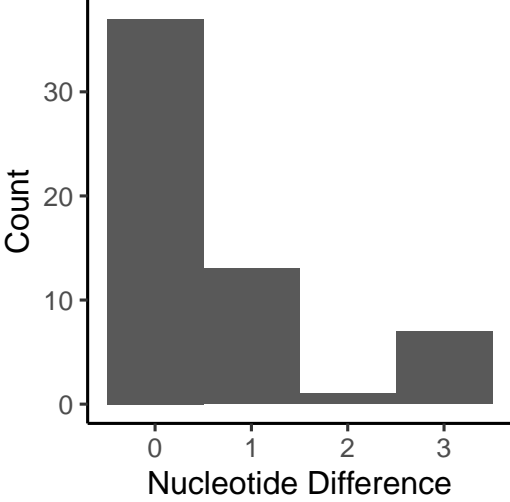
TRBV6–9\*bp01

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



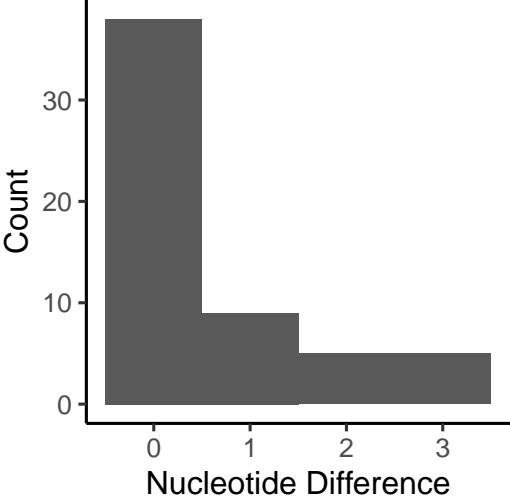
TRBV7–3\*bp01

58 sequences assigned  
37 (63.8%) exact matches, in which:  
32 unique CDR3  
10 unique J



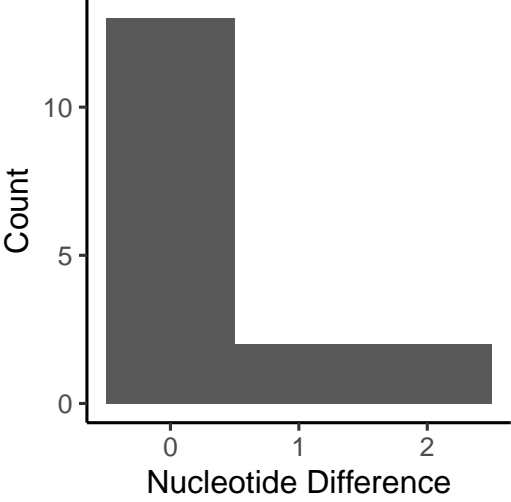
TRBV7–6\*bp01

57 sequences assigned  
38 (66.7%) exact matches, in which:  
27 unique CDR3  
13 unique J



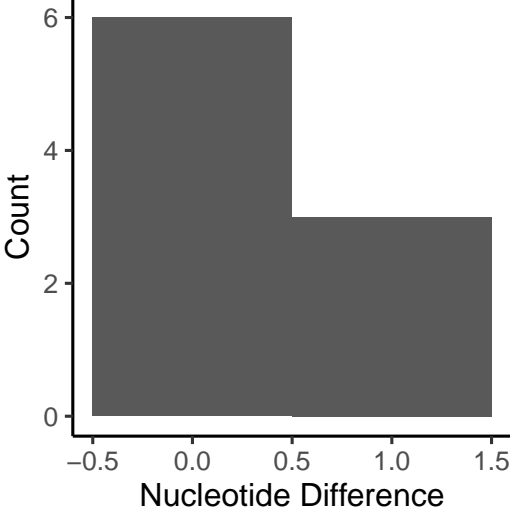
TRBV6–23\*bp01

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



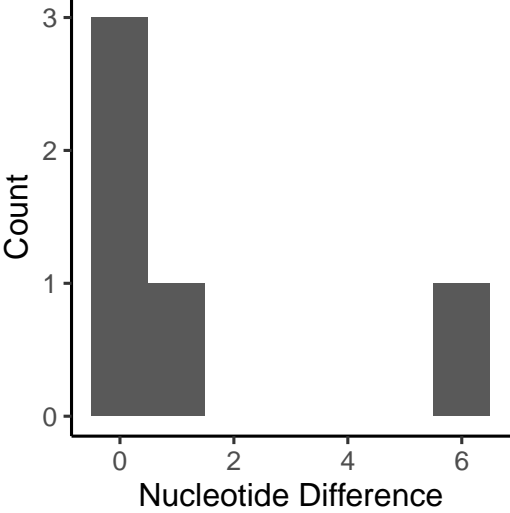
TRBV7–3\*bp03

9 sequences assigned  
6 (66.7%) exact matches, in which:  
4 unique CDR3  
3 unique J



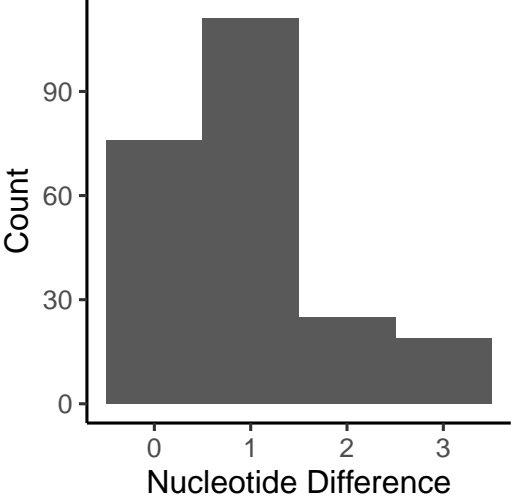
TRBV7–7\*bp01

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



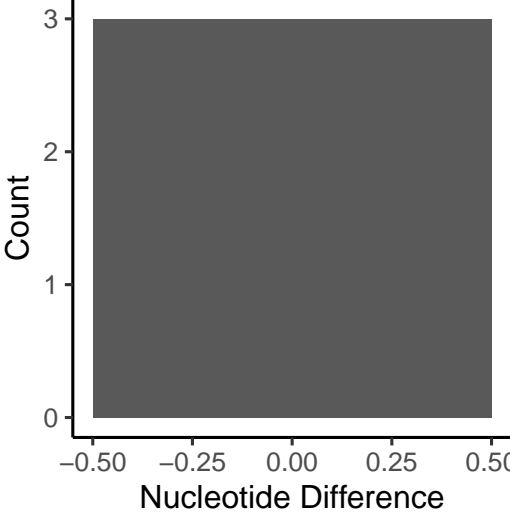
TRBV7–2\*bp01

231 sequences assigned  
76 (32.9%) exact matches, in which:  
50 unique CDR3  
10 unique J



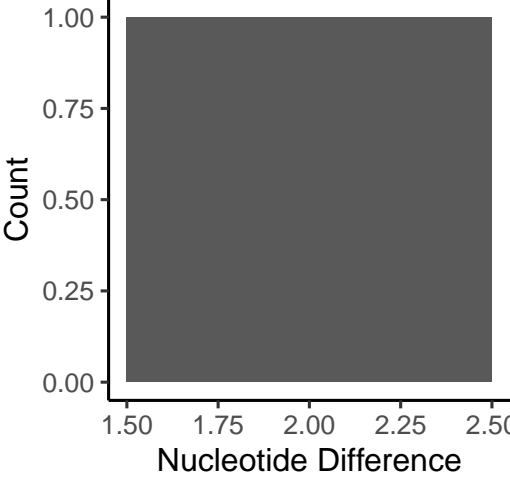
TRBV7–4\*bp01

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



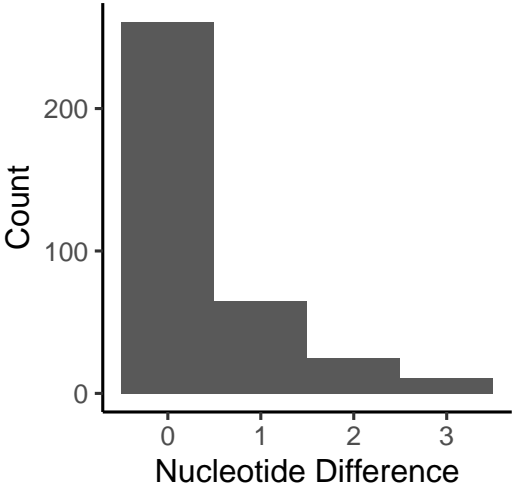
TRBV7–8\*bp01

1 sequences assigned  
No exact matches.



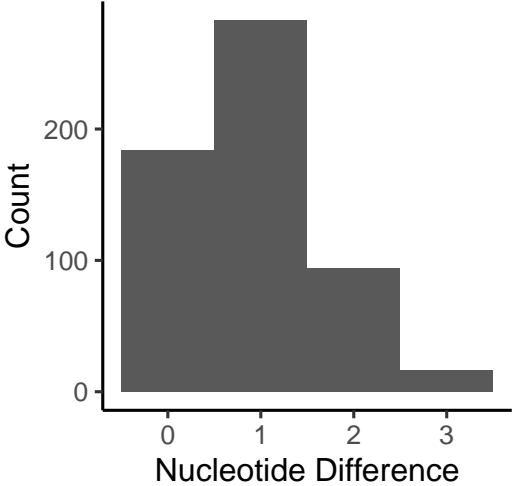
# TRBV7-9\*bp01

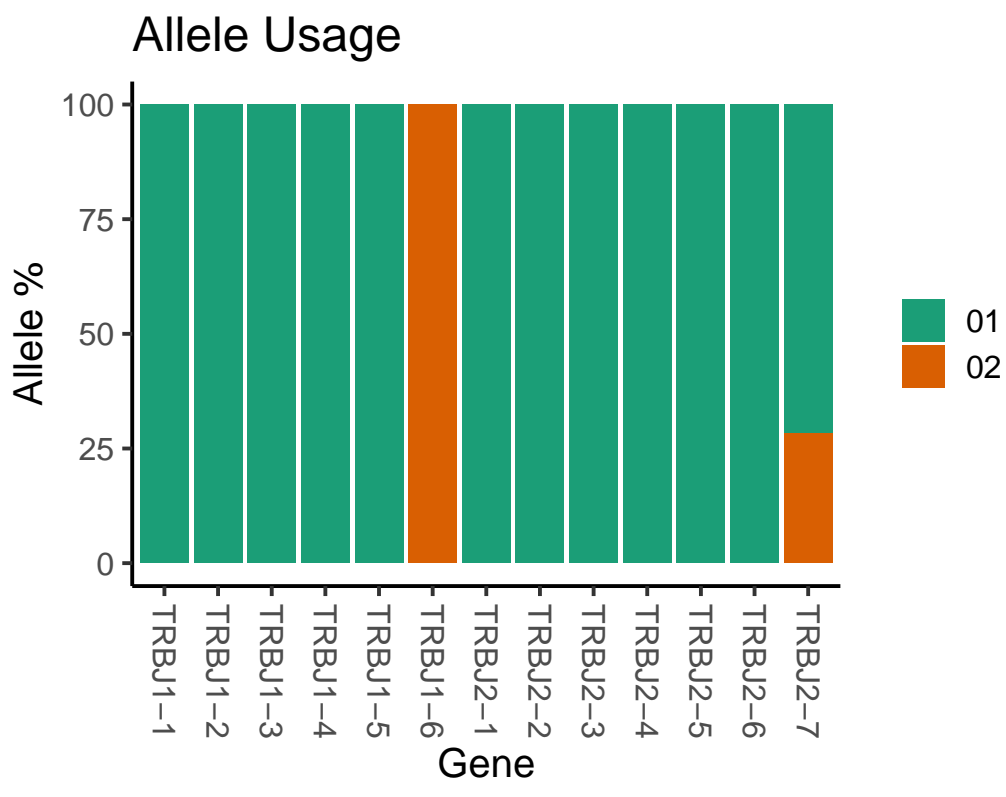
362 sequences assigned  
261 (72.1%) exact matches, in which:  
174 unique CDR3  
14 unique J



# TRBV29-1\*bp01

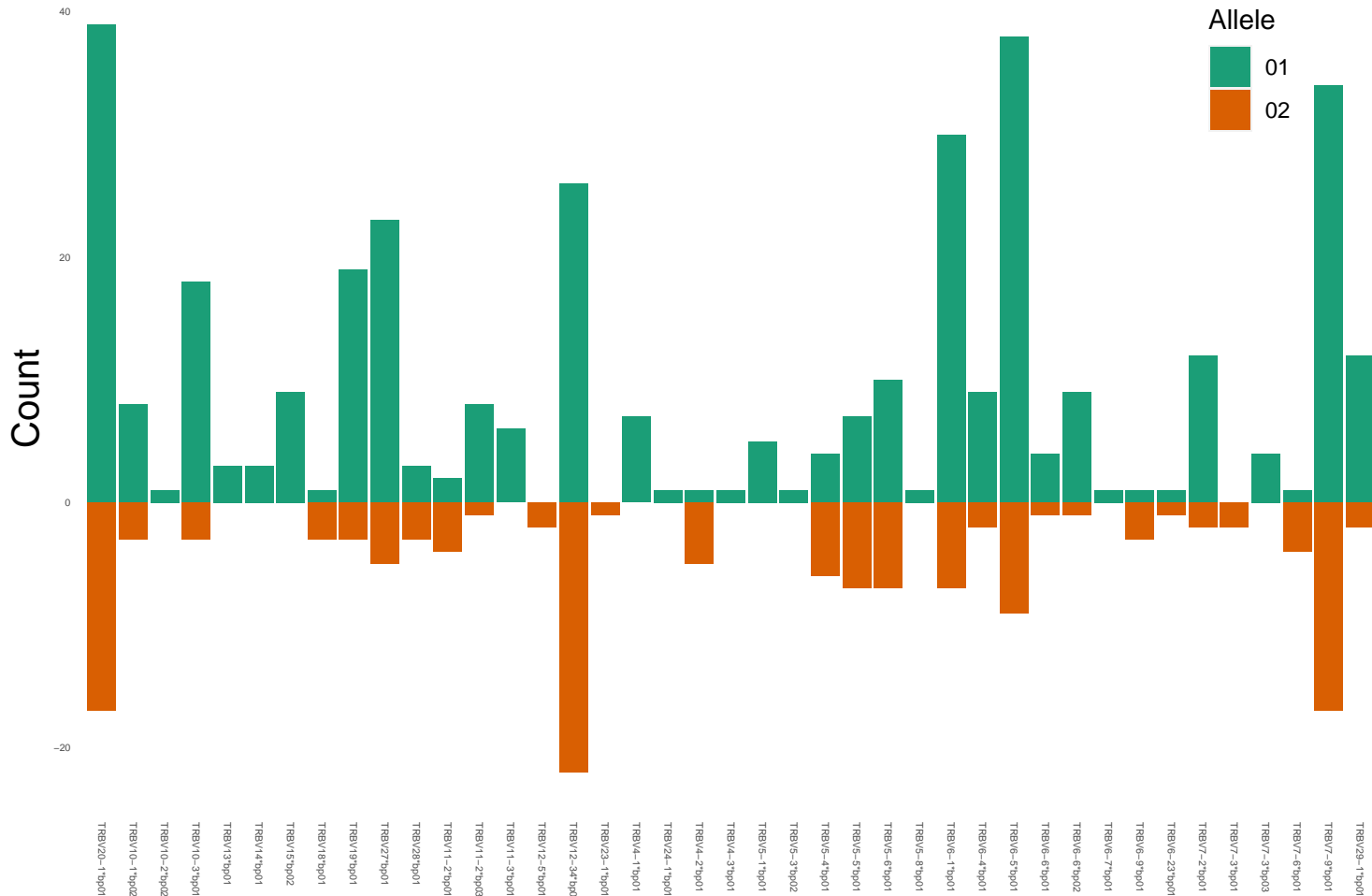
577 sequences assigned  
184 (31.9%) exact matches, in which:  
103 unique CDR3  
12 unique J







Sequence Count by TRBJ2–7 allele usage



[illegible]