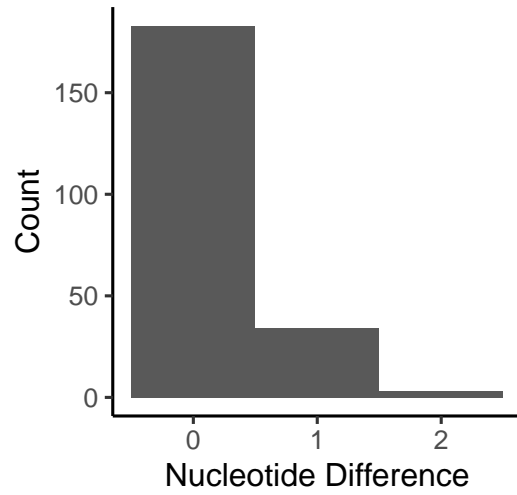


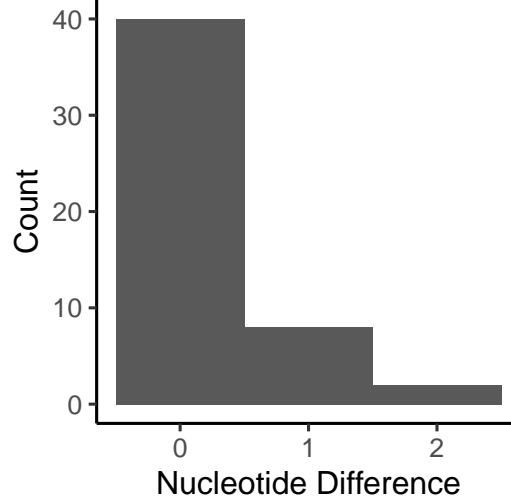
### TRBV20–1\*bp01

220 sequences assigned  
183 (83.2%) exact matches, in which:  
122 unique CDR3  
13 unique J



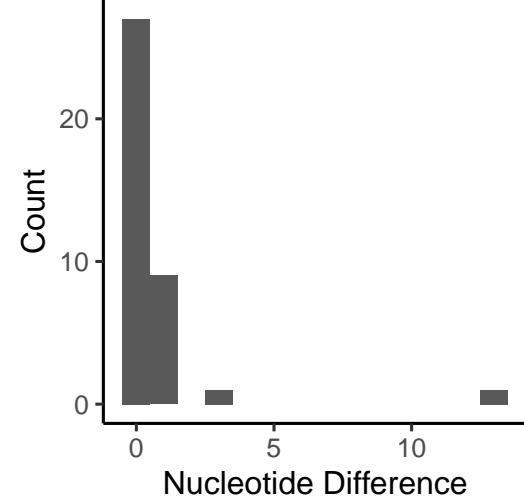
### TRBV10–3\*bp01

50 sequences assigned  
40 (80%) exact matches, in which:  
29 unique CDR3  
9 unique J



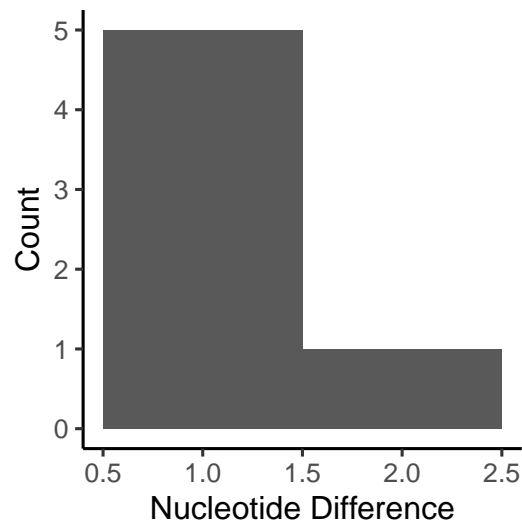
### TRBV15\*bp02

38 sequences assigned  
27 (71.1%) exact matches, in which:  
17 unique CDR3  
8 unique J



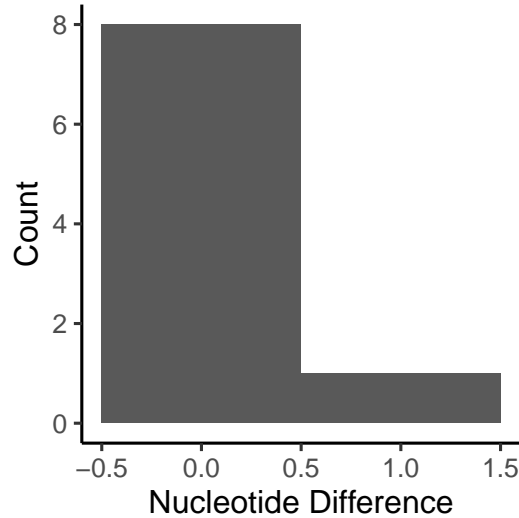
### TRBV10–1\*bp02

6 sequences assigned  
No exact matches.



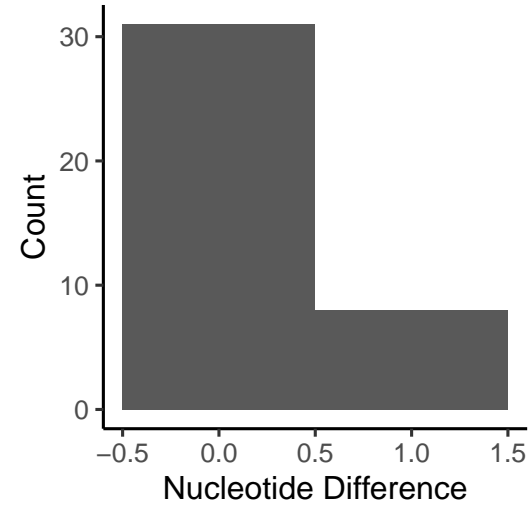
### TRBV13\*bp01

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



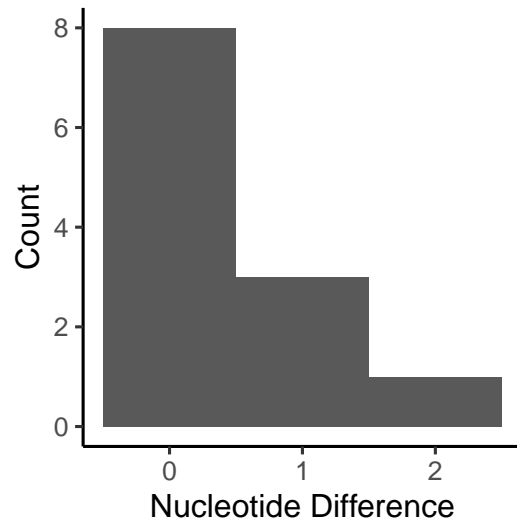
### TRBV18\*bp01

39 sequences assigned  
31 (79.5%) exact matches, in which:  
27 unique CDR3  
11 unique J



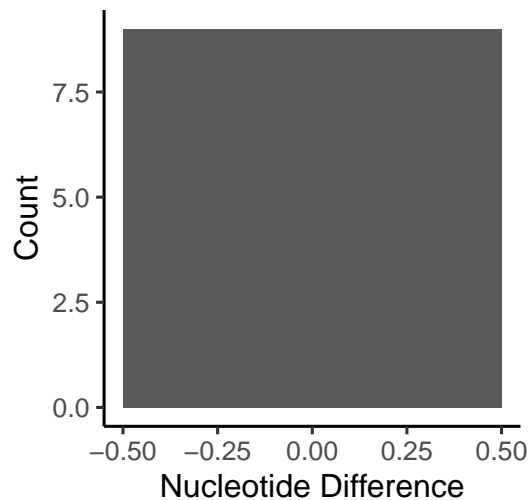
### TRBV10–2\*bp01

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



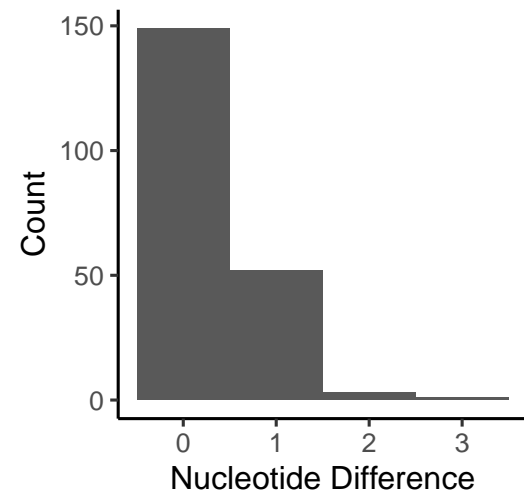
### TRBV14\*bp01

9 sequences assigned  
9 (100%) exact matches, in which:  
7 unique CDR3  
4 unique J



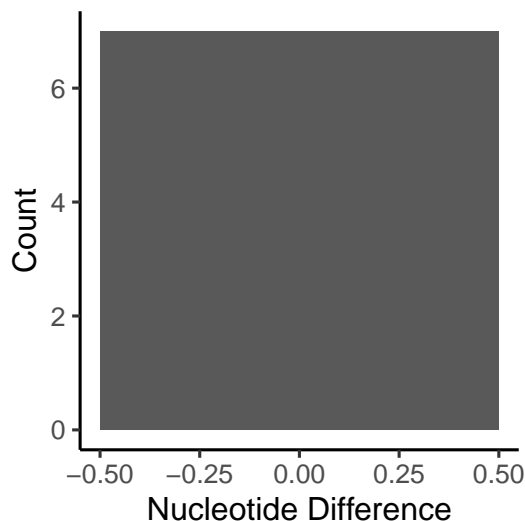
### TRBV19\*bp01

205 sequences assigned  
149 (72.7%) exact matches, in which:  
96 unique CDR3  
13 unique J



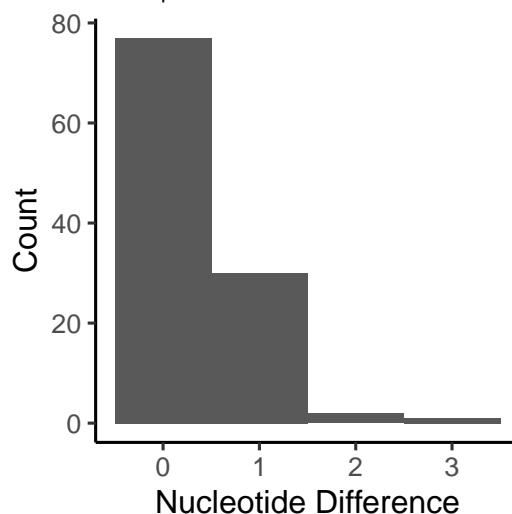
### TRBV2\*bp01

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



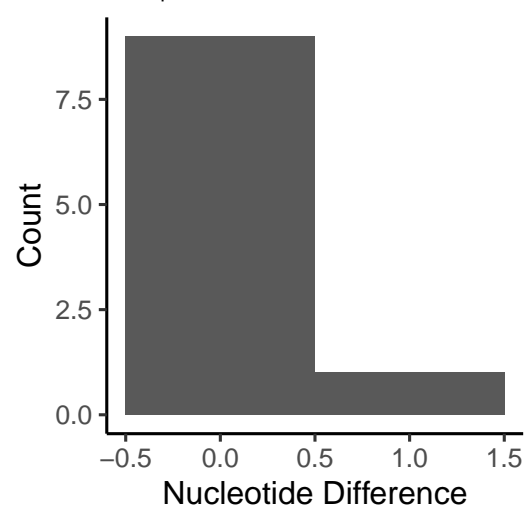
### TRBV30\*bp01

110 sequences assigned  
77 (70%) exact matches, in which:  
41 unique CDR3  
11 unique J



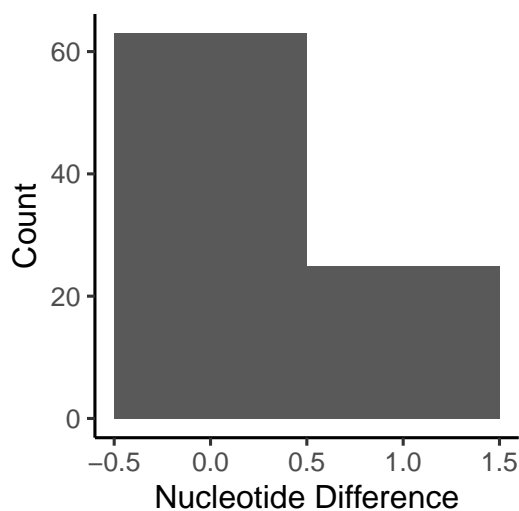
### TRBV21-1\*bp02

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



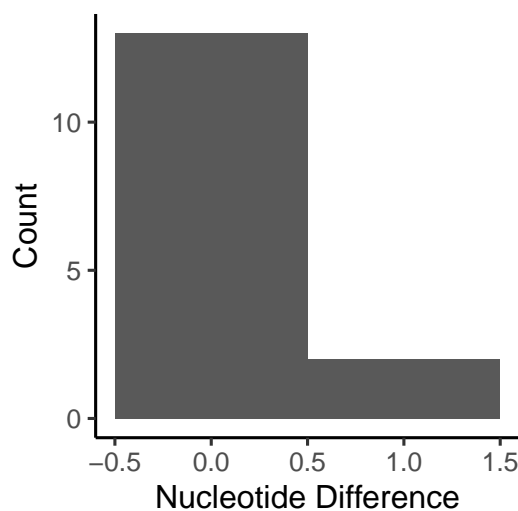
### TRBV27\*bp01

88 sequences assigned  
63 (71.6%) exact matches, in which:  
51 unique CDR3  
13 unique J



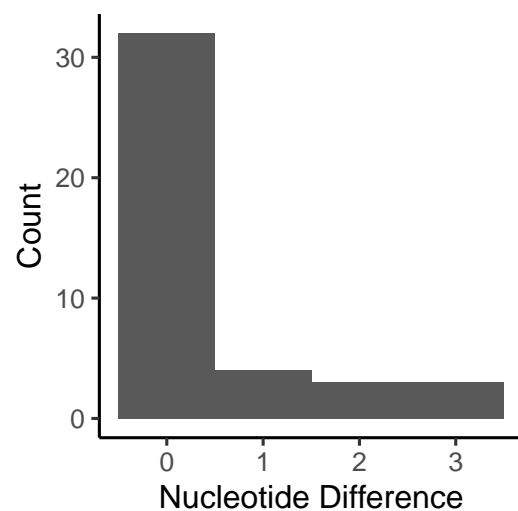
### TRBV9\*bp01

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



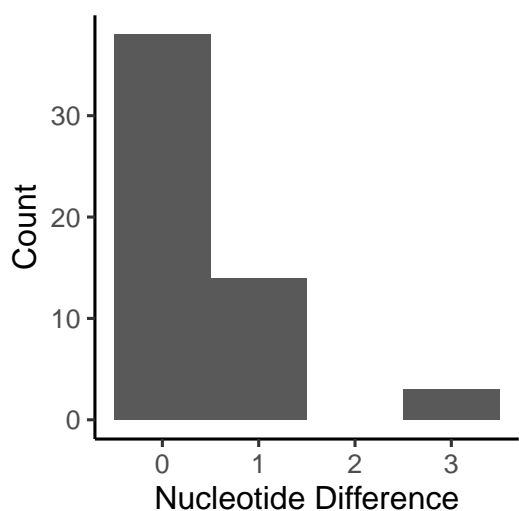
### TRBV11-2\*bp01

42 sequences assigned  
32 (76.2%) exact matches, in which:  
30 unique CDR3  
10 unique J



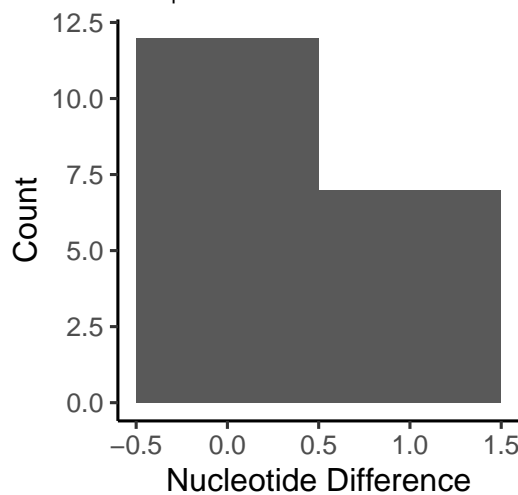
### TRBV28\*bp01

55 sequences assigned  
38 (69.1%) exact matches, in which:  
36 unique CDR3  
10 unique J



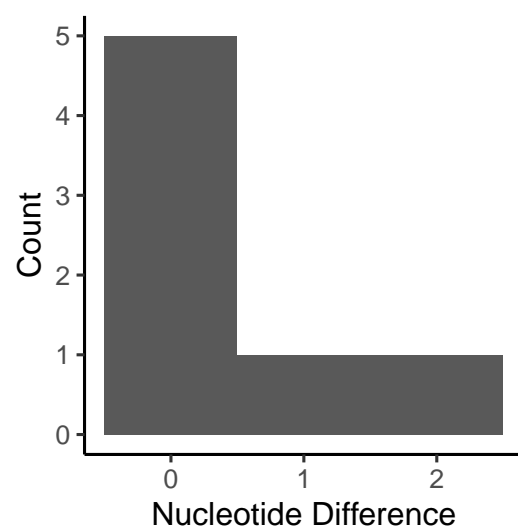
### TRBV11-1\*bp01

19 sequences assigned  
12 (63.2%) exact matches, in which:  
8 unique CDR3  
5 unique J



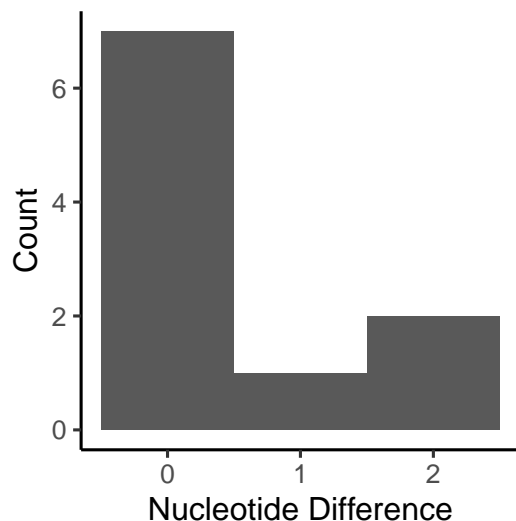
### TRBV11-3\*bp01

7 sequences assigned  
5 (71.4%) exact matches, in which:  
5 unique CDR3  
3 unique J



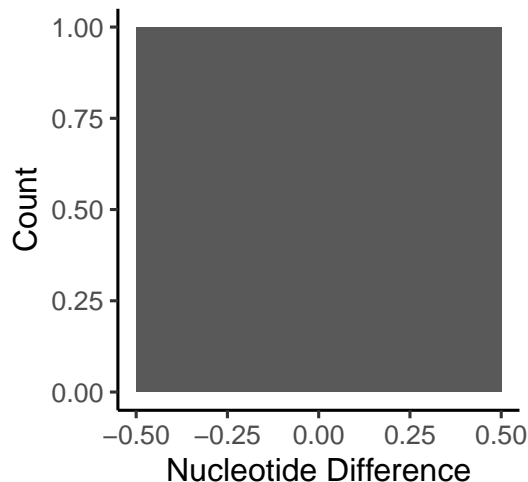
### TRBV12–5\*bp01

10 sequences assigned  
7 (70%) exact matches, in which:  
4 unique CDR3  
4 unique J



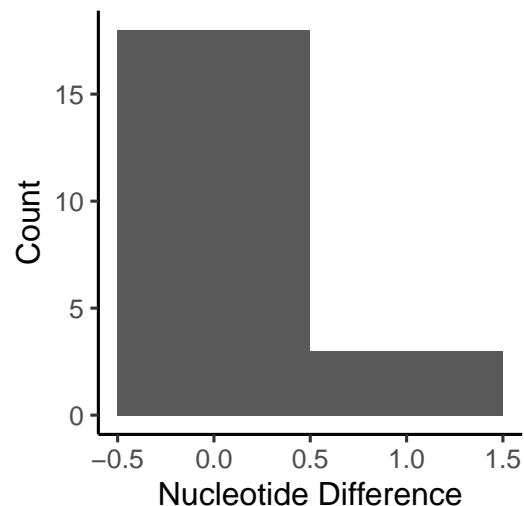
### TRBV3–2\*bp02

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



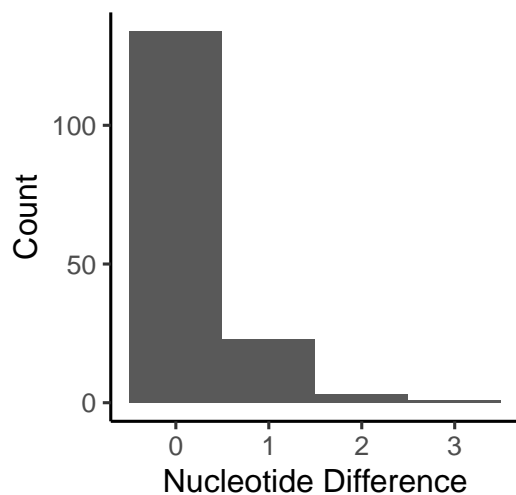
### TRBV4–2\*bp01

21 sequences assigned  
18 (85.7%) exact matches, in which:  
18 unique CDR3  
8 unique J



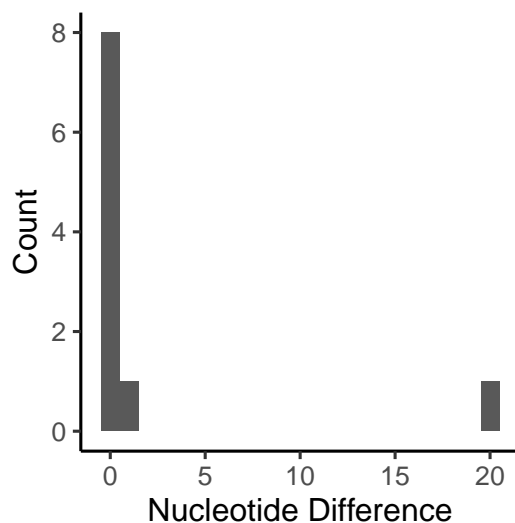
### TRBV12–34\*bp01

161 sequences assigned  
134 (83.2%) exact matches, in which:  
90 unique CDR3  
12 unique J



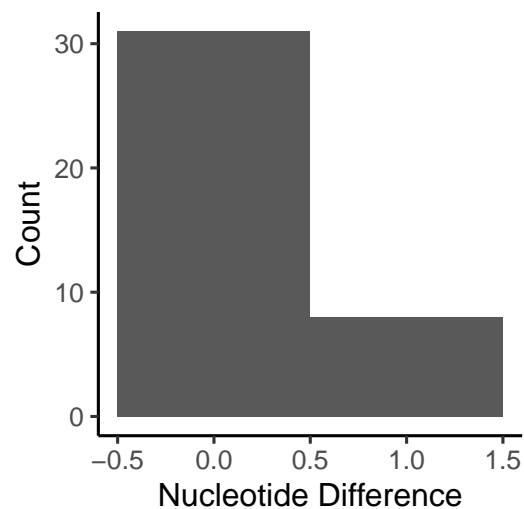
### TRBV4–1\*bp01

10 sequences assigned  
8 (80%) exact matches, in which:  
7 unique CDR3  
4 unique J



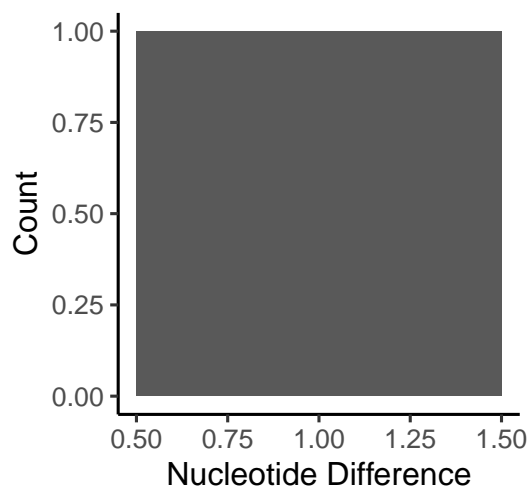
### TRBV4–3\*bp01

39 sequences assigned  
31 (79.5%) exact matches, in which:  
22 unique CDR3  
9 unique J



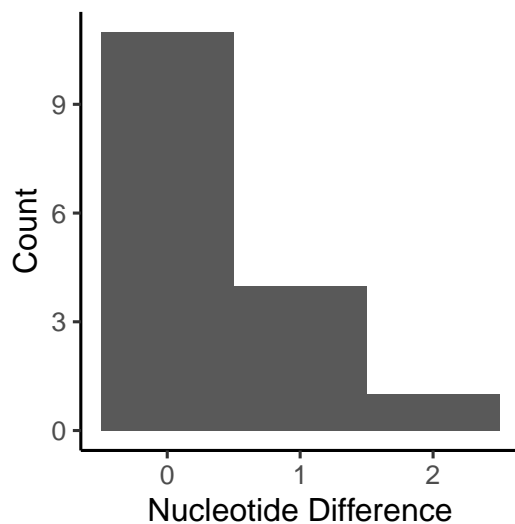
### TRBV23–1\*bp01

1 sequences assigned  
No exact matches.



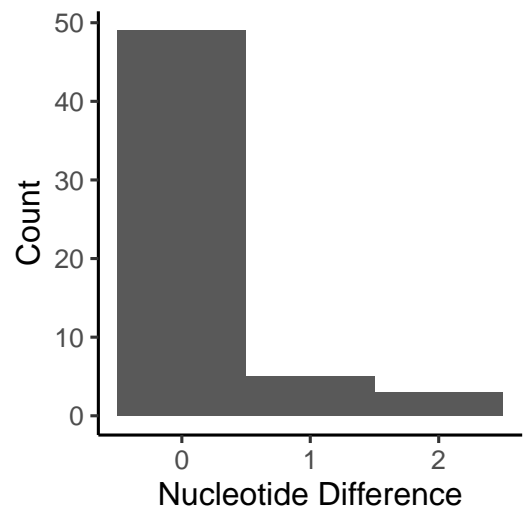
### TRBV24–1\*bp02

16 sequences assigned  
11 (68.8%) exact matches, in which:  
10 unique CDR3  
7 unique J



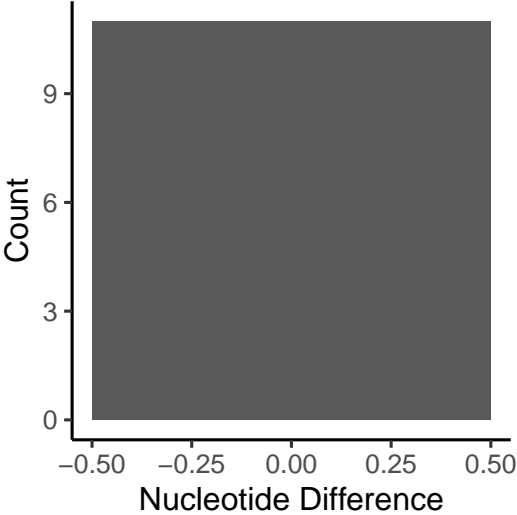
### TRBV5–1\*bp01

57 sequences assigned  
49 (86%) exact matches, in which:  
41 unique CDR3  
11 unique J



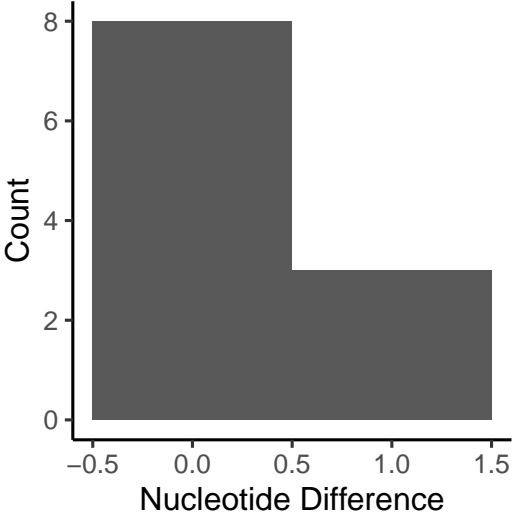
TRBV25–1\*bp01

11 sequences assigned  
11 (100%) exact matches, in which:  
10 unique CDR3  
7 unique J



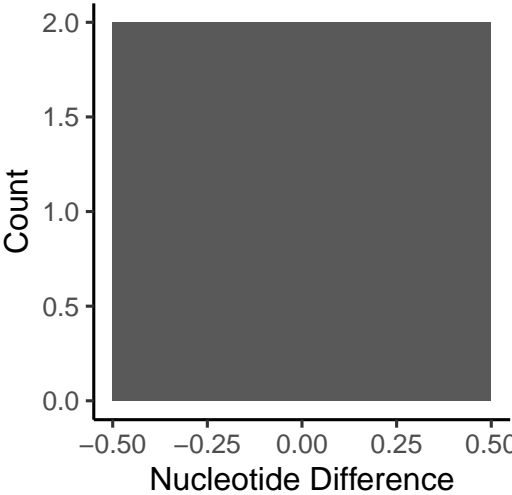
TRBV5–5\*bp01

11 sequences assigned  
8 (72.7%) exact matches, in which:  
6 unique CDR3  
3 unique J



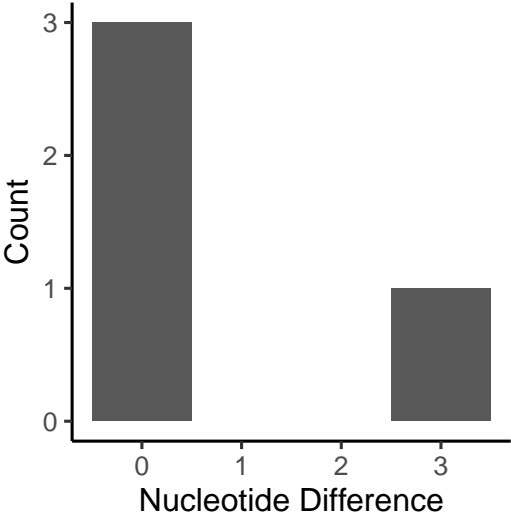
TRBV5–8\*bp01

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



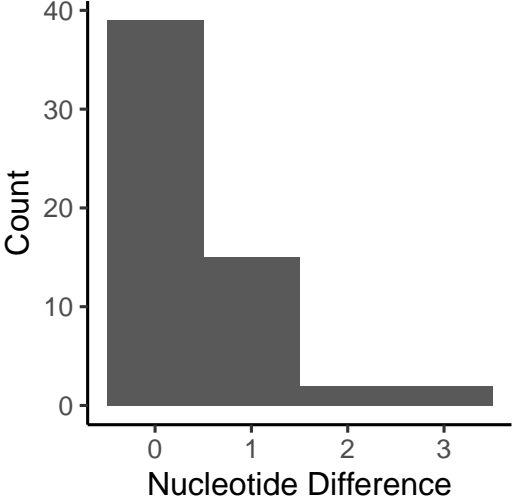
TRBV5–3\*bp01

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



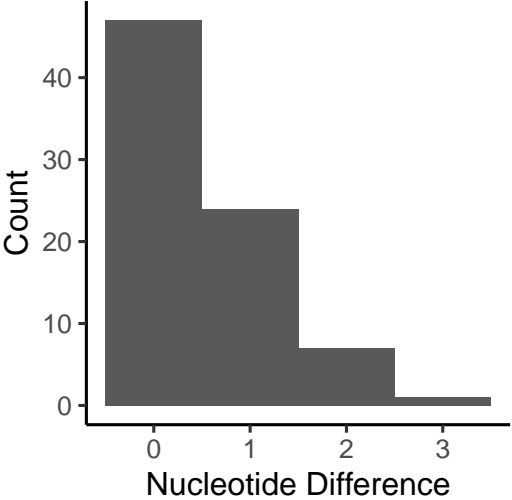
TRBV5–6\*bp01

58 sequences assigned  
39 (67.2%) exact matches, in which:  
31 unique CDR3  
10 unique J



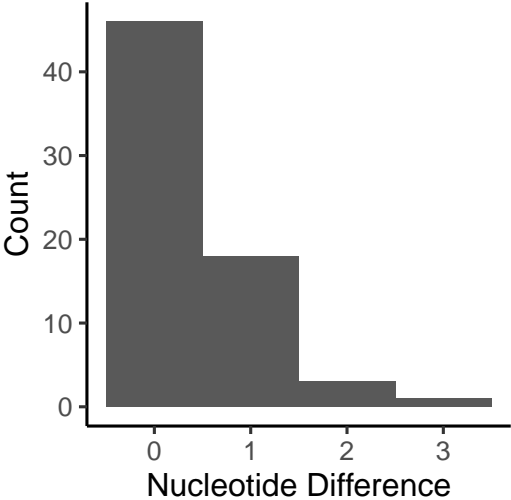
TRBV6–1\*bp01

79 sequences assigned  
47 (59.5%) exact matches, in which:  
40 unique CDR3  
13 unique J



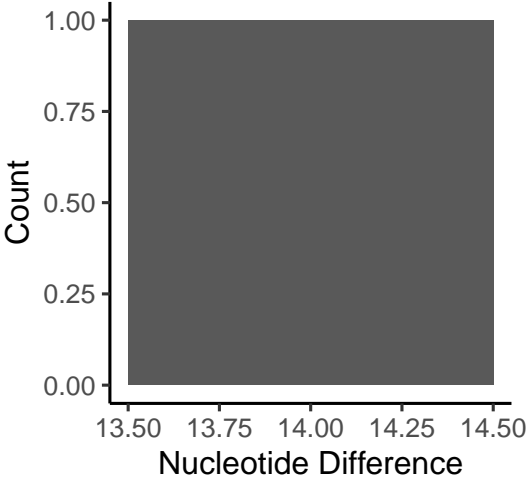
TRBV5–4\*bp01

68 sequences assigned  
46 (67.6%) exact matches, in which:  
34 unique CDR3  
10 unique J



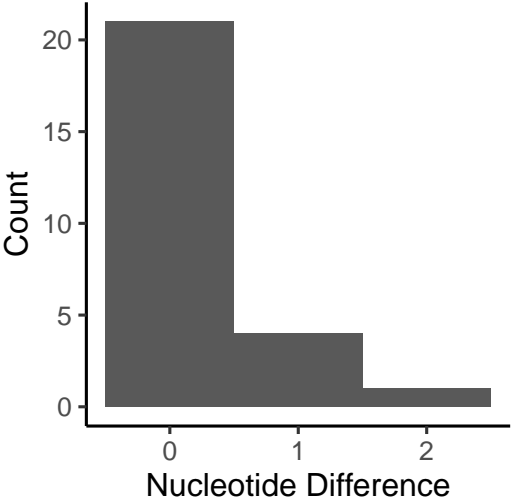
TRBV5–7\*bp01

1 sequences assigned  
No exact matches.



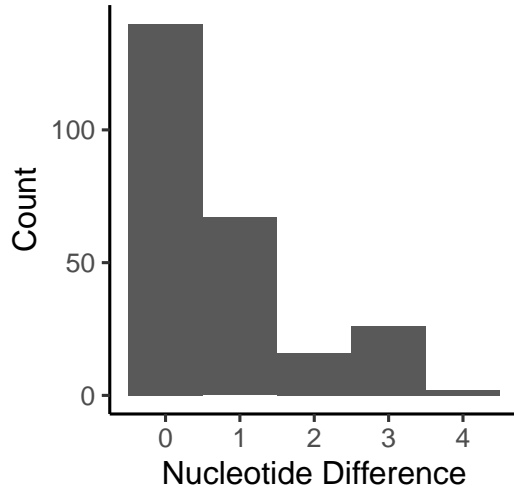
TRBV6–4\*bp01

26 sequences assigned  
21 (80.8%) exact matches, in which:  
16 unique CDR3  
7 unique J



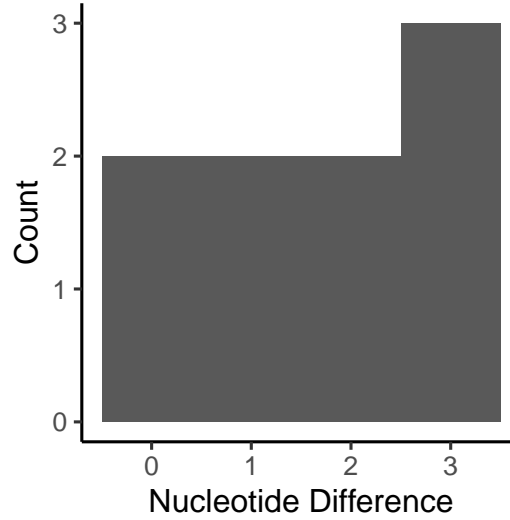
### TRBV6-5\*bp01

251 sequences assigned  
140 (55.8%) exact matches, in which:  
112 unique CDR3  
12 unique J



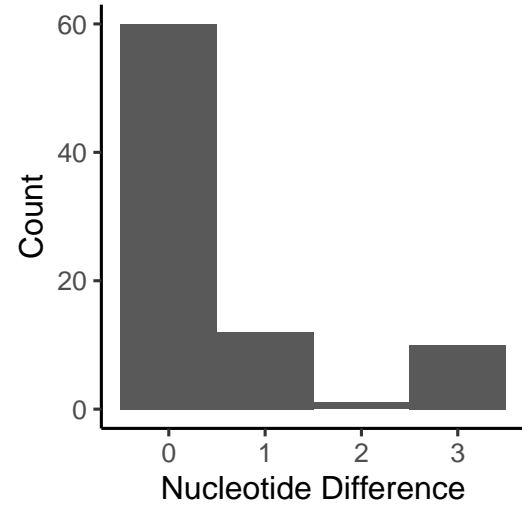
### TRBV6-9\*bp01

9 sequences assigned  
2 (22.2%) exact matches, in which:  
2 unique CDR3  
2 unique J



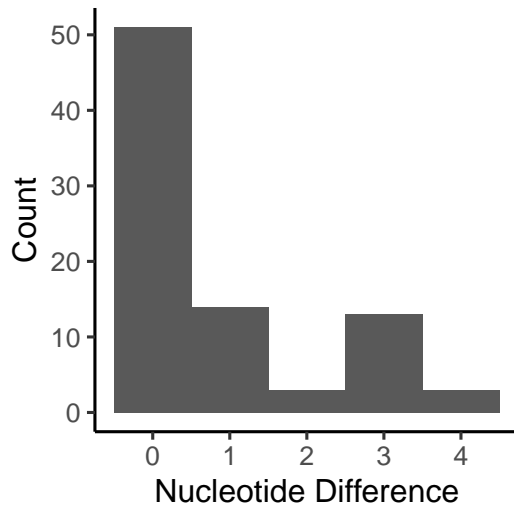
### TRBV7-3\*bp01

83 sequences assigned  
60 (72.3%) exact matches, in which:  
41 unique CDR3  
10 unique J



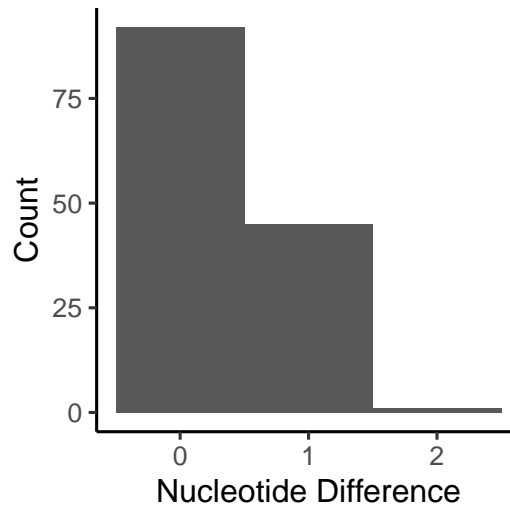
### TRBV6-6\*bp01

84 sequences assigned  
51 (60.7%) exact matches, in which:  
41 unique CDR3  
13 unique J



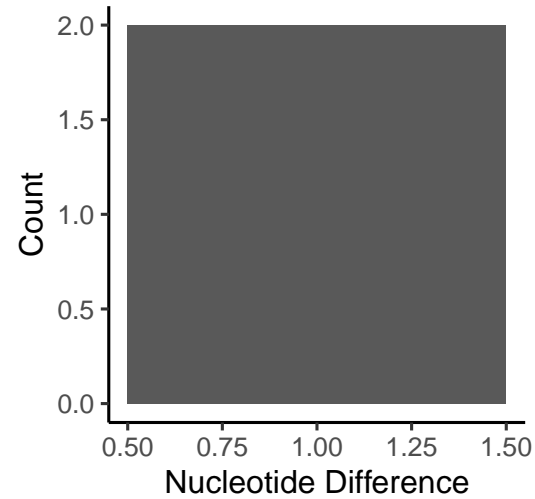
### TRBV6-23\*bp01

138 sequences assigned  
92 (66.7%) exact matches, in which:  
76 unique CDR3  
13 unique J



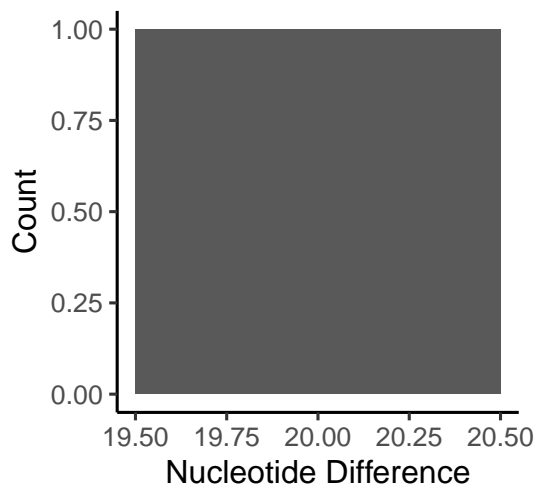
### TRBV7-4\*bp01

2 sequences assigned  
No exact matches.



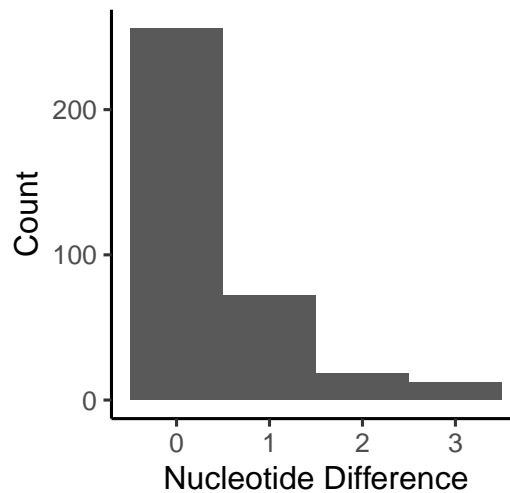
### TRBV6-8\*bp01

1 sequences assigned  
No exact matches.



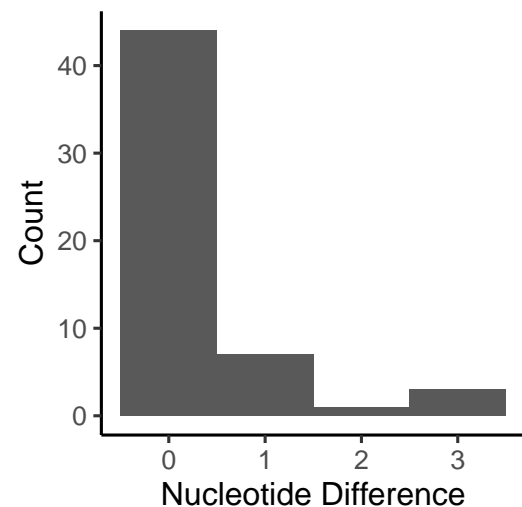
### TRBV7-2\*bp01

358 sequences assigned  
256 (71.5%) exact matches, in which:  
134 unique CDR3  
13 unique J



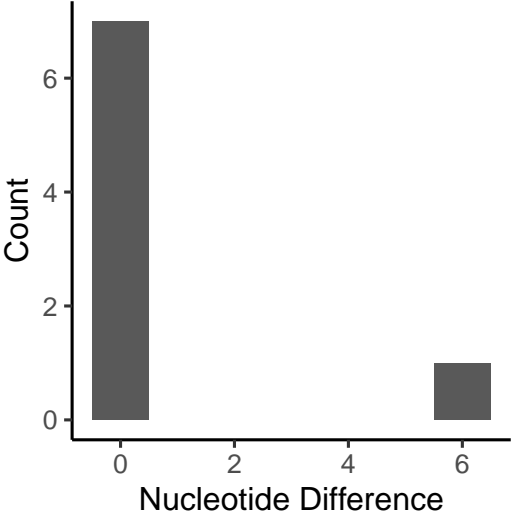
### TRBV7-6\*bp01

55 sequences assigned  
44 (80%) exact matches, in which:  
25 unique CDR3  
10 unique J



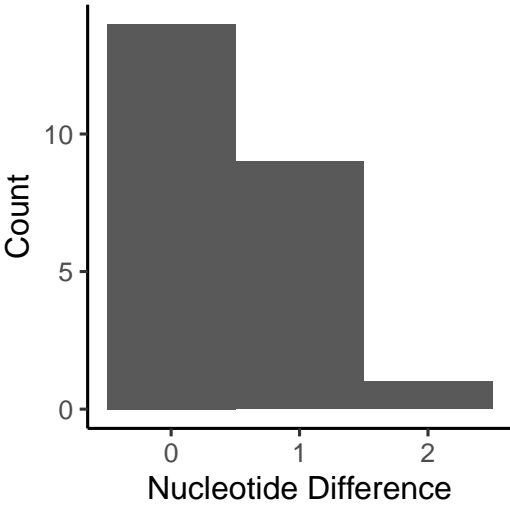
TRBV7-7\*bp01

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



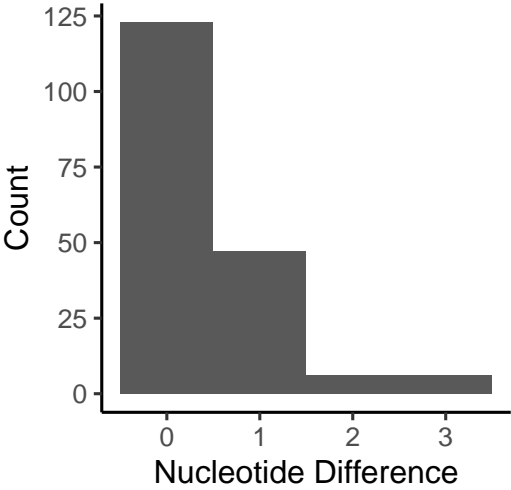
TRBV29-1\*bp03

24 sequences assigned  
14 (58.3%) exact matches, in which:  
12 unique CDR3  
6 unique J



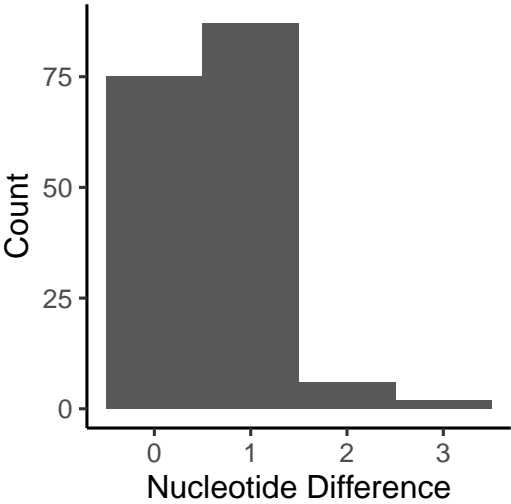
TRBV7-9\*bp01

182 sequences assigned  
123 (67.6%) exact matches, in which:  
86 unique CDR3  
13 unique J

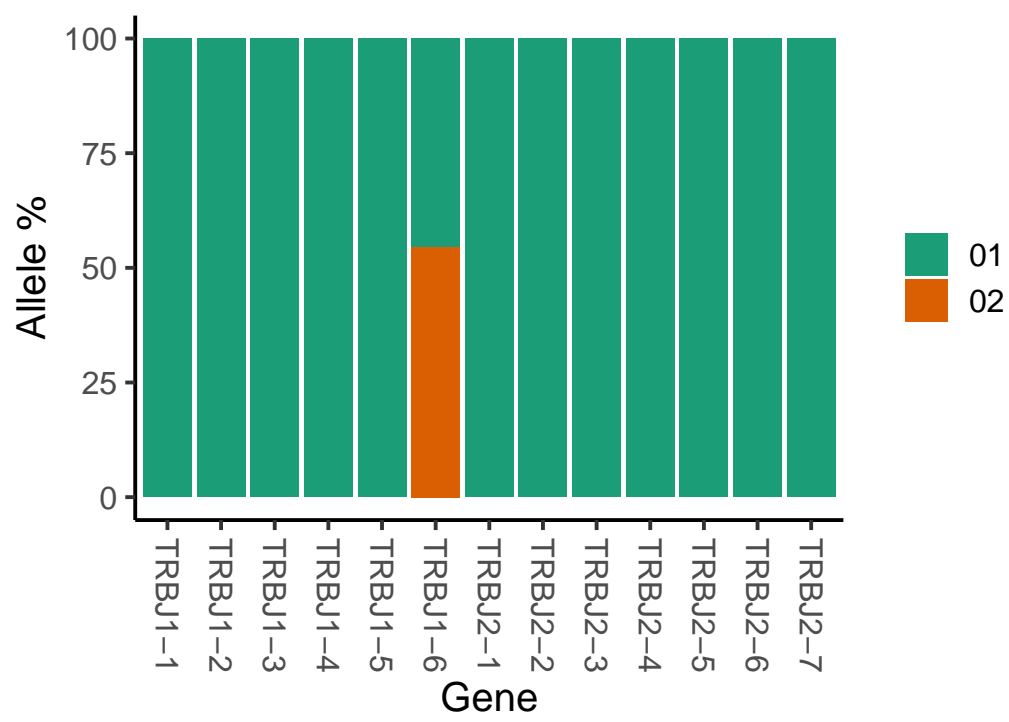


TRBV29-1\*bp01

170 sequences assigned  
75 (44.1%) exact matches, in which:  
50 unique CDR3  
10 unique J



# Allele Usage



Sequence Count by TRBJ1–6 allele usage





[illegible]