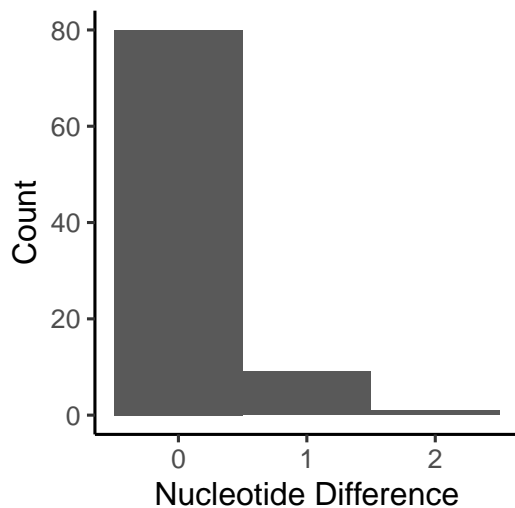


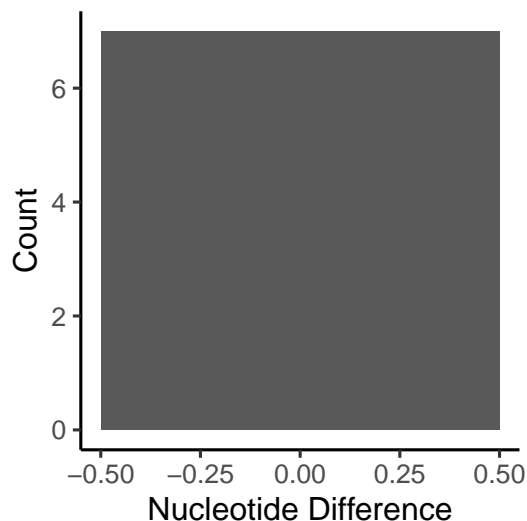
### TRBV20–1\*bp01

90 sequences assigned  
80 (88.9%) exact matches, in which:  
74 unique CDR3  
12 unique J



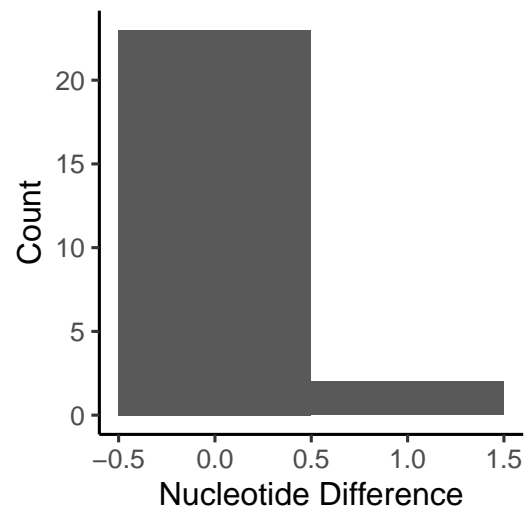
### TRBV10–3\*bp01

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



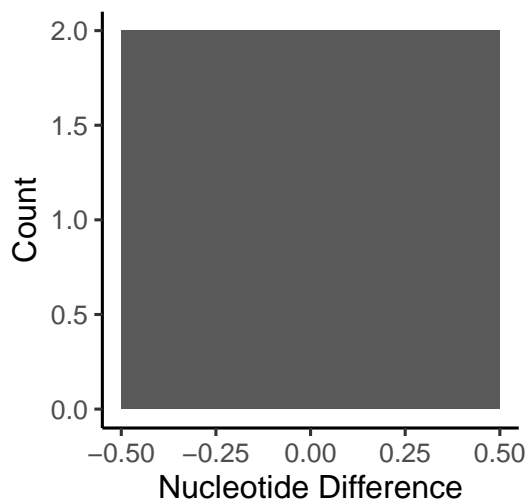
### TRBV15\*bp02

25 sequences assigned  
23 (92%) exact matches, in which:  
21 unique CDR3  
7 unique J



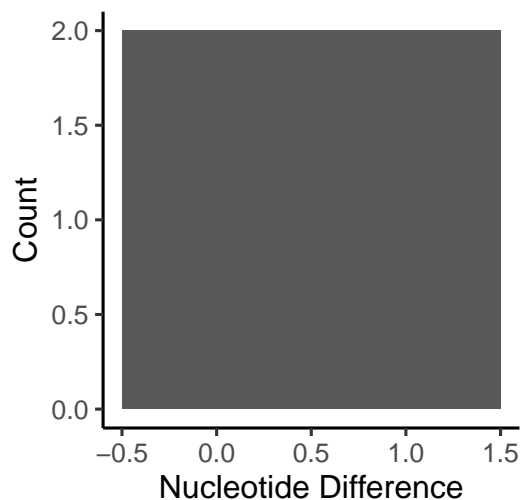
### TRBV10–1\*bp02

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



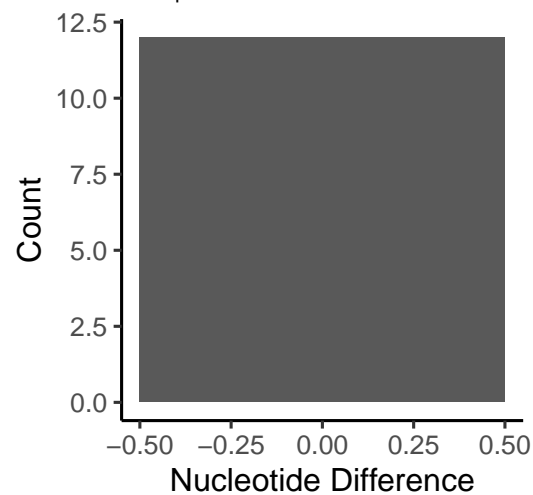
### TRBV13\*bp01

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



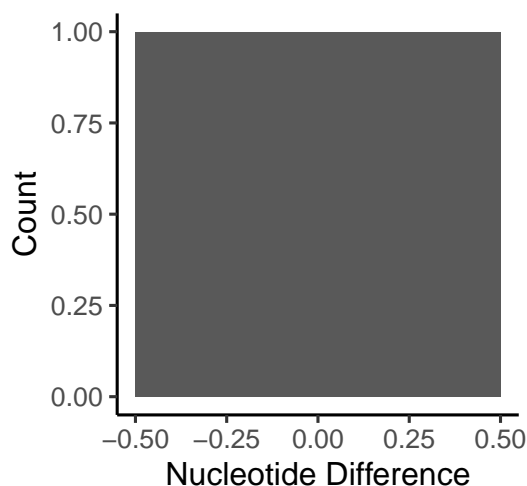
### TRBV18\*bp01

12 sequences assigned  
12 (100%) exact matches, in which:  
12 unique CDR3  
8 unique J



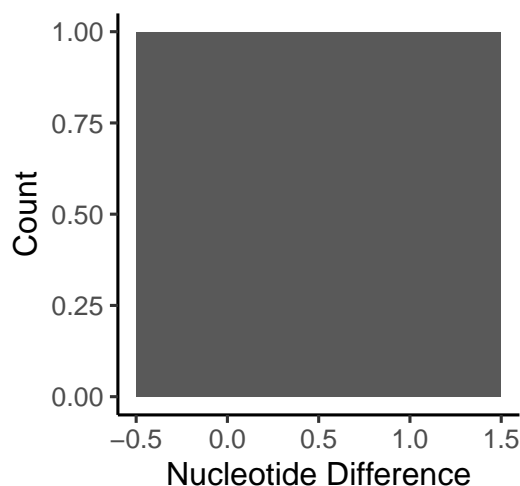
### TRBV10–2\*bp02

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



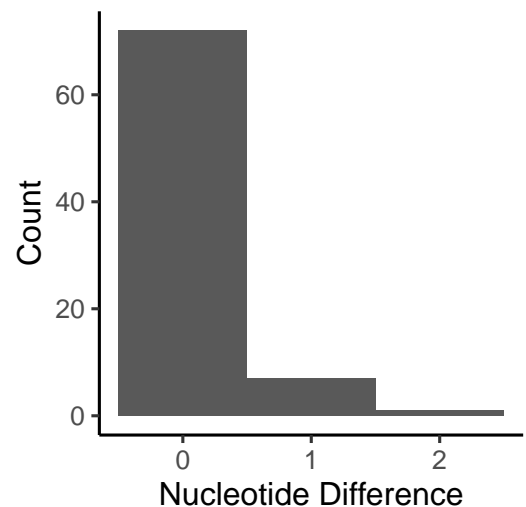
### TRBV14\*bp01

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



### TRBV19\*bp01

80 sequences assigned  
72 (90%) exact matches, in which:  
69 unique CDR3  
13 unique J



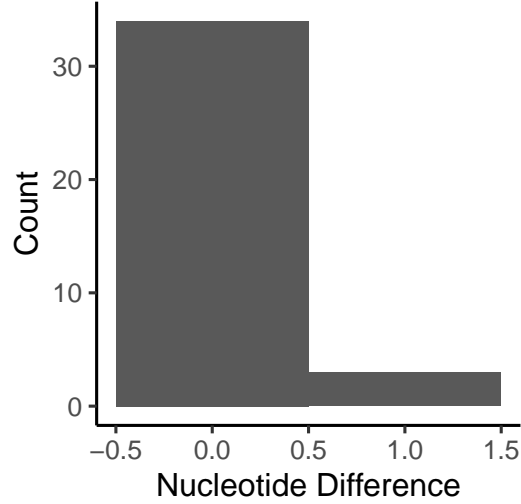
### TRBV2\*bp01

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



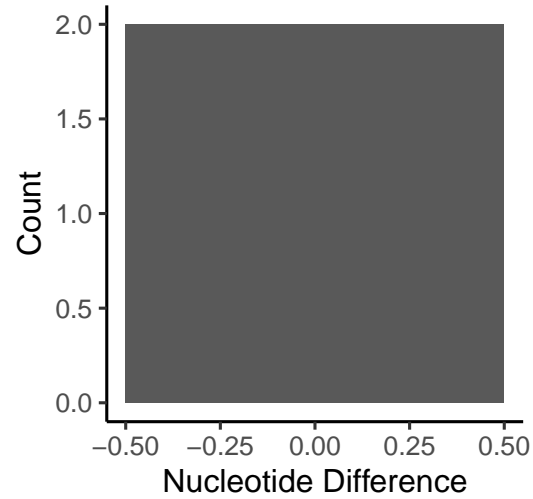
### TRBV30\*bp01

37 sequences assigned  
34 (91.9%) exact matches, in which:  
33 unique CDR3  
11 unique J



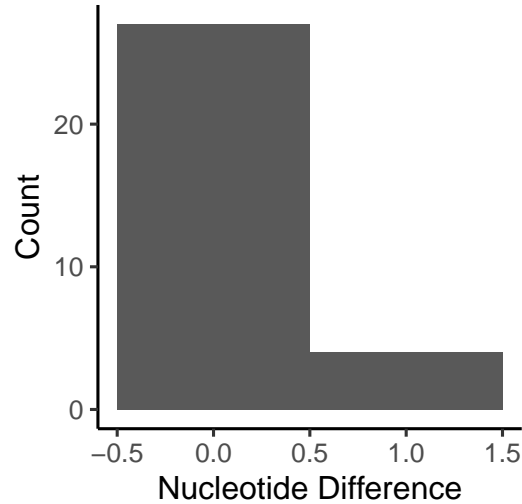
### TRBV21-1\*bp01

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



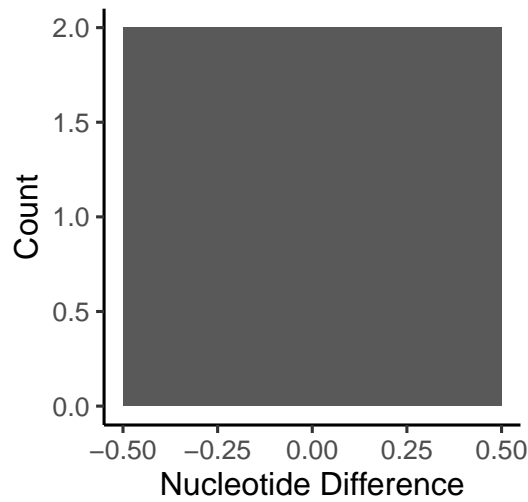
### TRBV27\*bp01

31 sequences assigned  
27 (87.1%) exact matches, in which:  
27 unique CDR3  
10 unique J



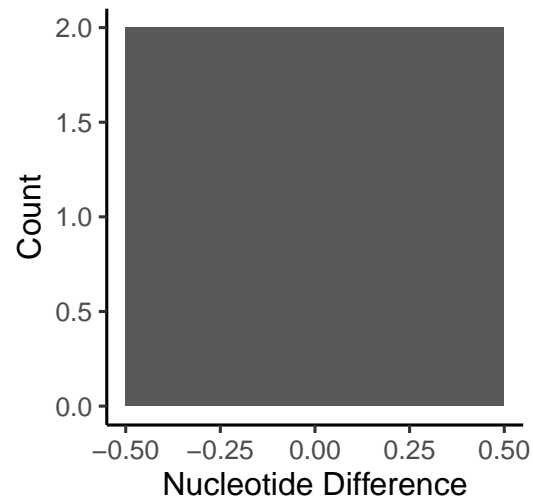
### TRBV9\*bp01

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



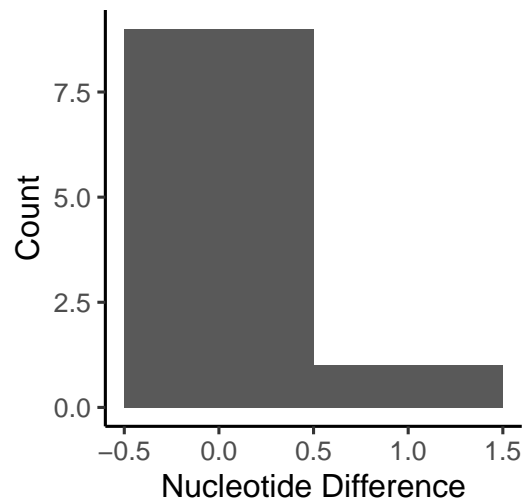
### TRBV21-1\*bp02

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



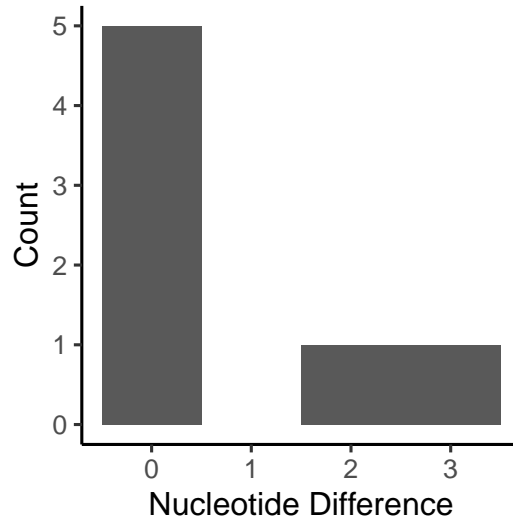
### TRBV28\*bp01

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



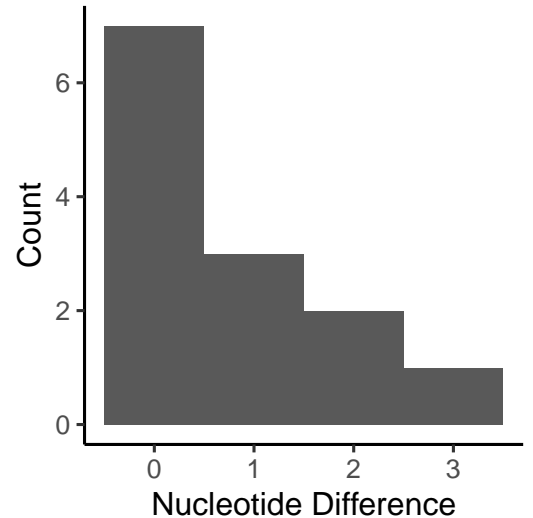
### TRBV11-1\*bp01

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



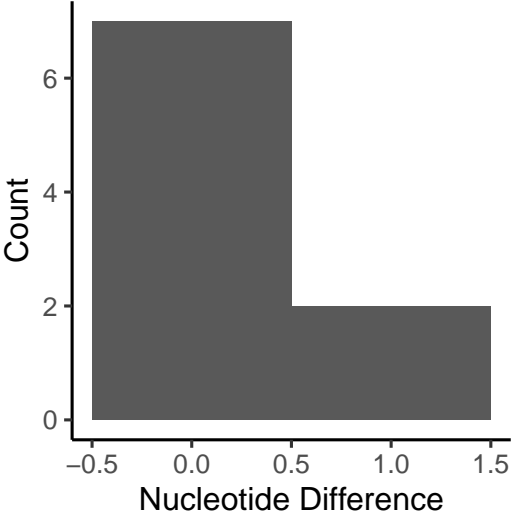
### TRBV11-2\*bp01

13 sequences assigned  
7 (53.8%) exact matches, in which:  
6 unique CDR3  
3 unique J



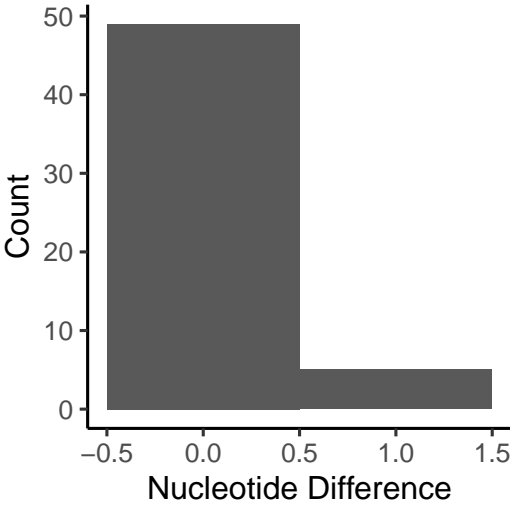
TRBV11–2\*bp03

9 sequences assigned  
7 (77.8%) exact matches, in which:  
7 unique CDR3  
6 unique J



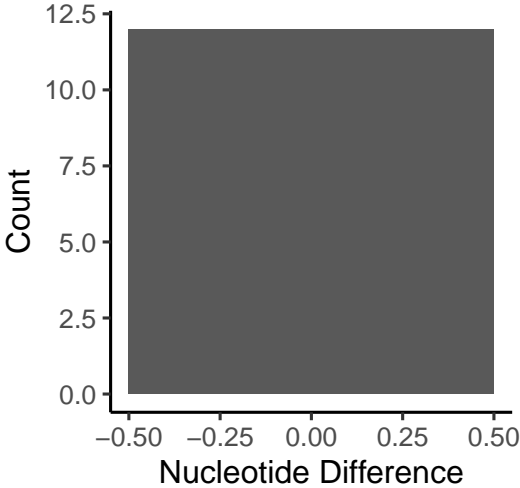
TRBV12–34\*bp01

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



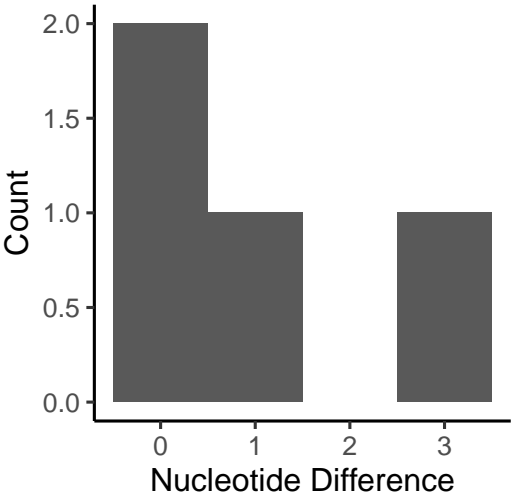
TRBV24–1\*bp02

12 sequences assigned  
12 (100%) exact matches, in which:  
12 unique CDR3  
5 unique J



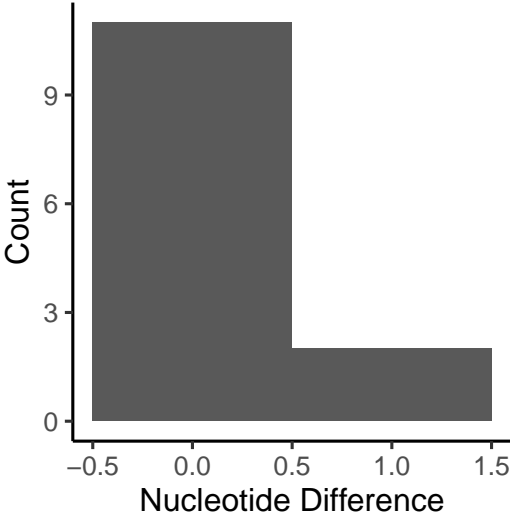
TRBV11–3\*bp01

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



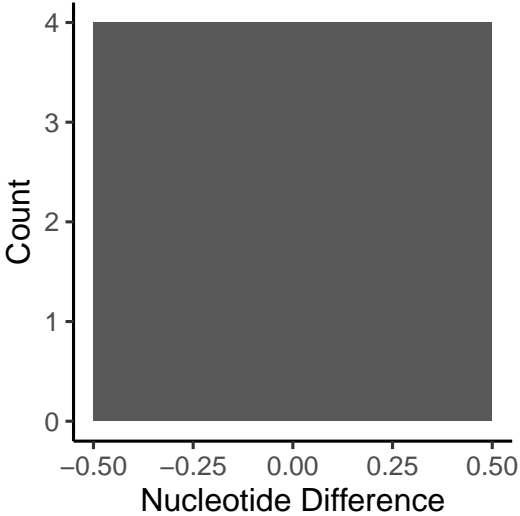
TRBV24–1\*bp01

13 sequences assigned  
11 (84.6%) exact matches, in which:  
11 unique CDR3  
7 unique J



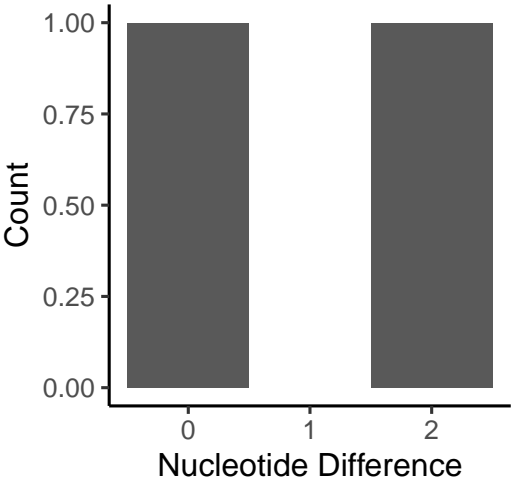
TRBV4–2\*bp01

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



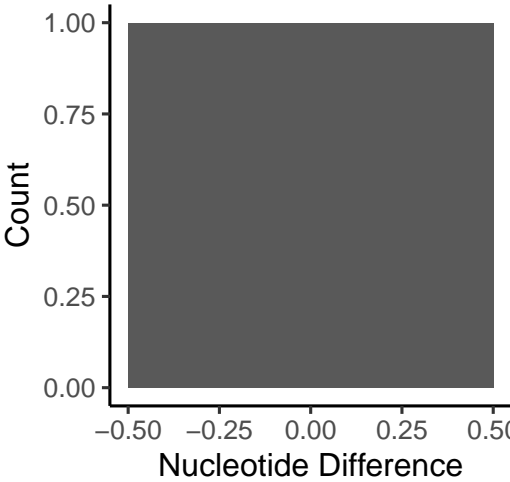
TRBV12–5\*bp01

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



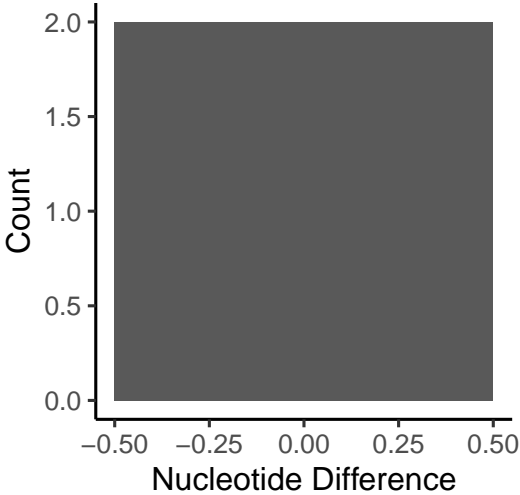
TRBV4–1\*bp01

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



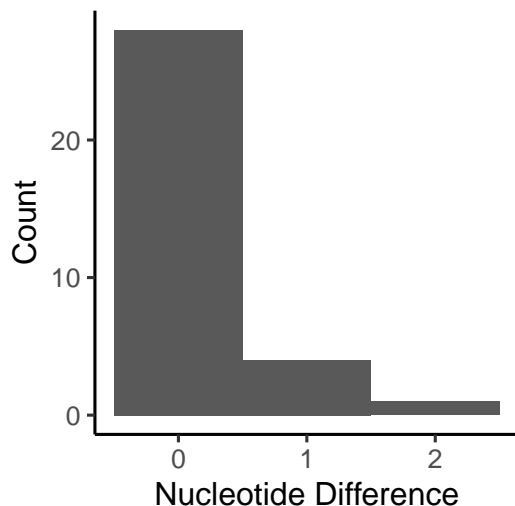
TRBV4–3\*bp01

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



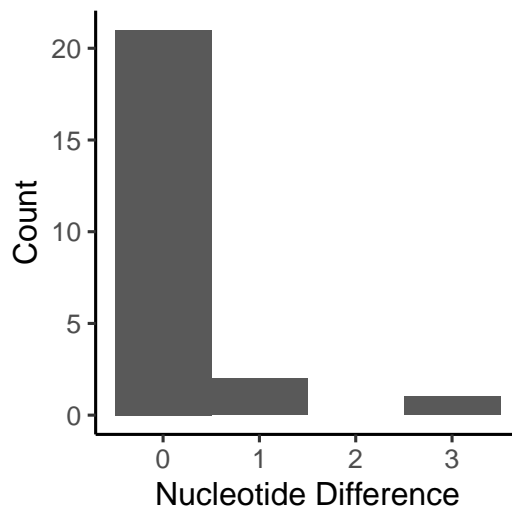
### TRBV5-1\*bp01

33 sequences assigned  
28 (84.8%) exact matches, in which:  
27 unique CDR3  
11 unique J



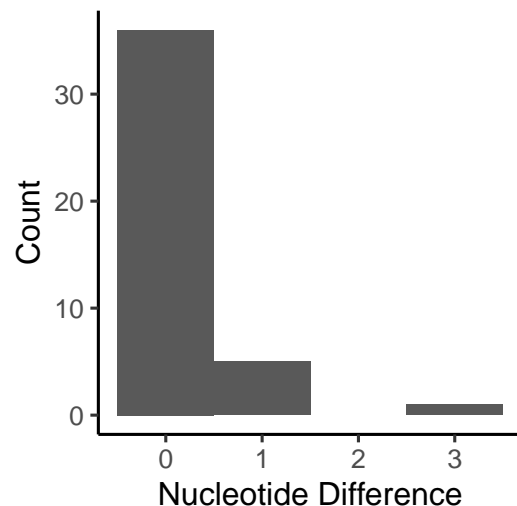
### TRBV5-4\*bp01

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



### TRBV6-1\*bp01

42 sequences assigned  
36 (85.7%) exact matches, in which:  
36 unique CDR3  
10 unique J



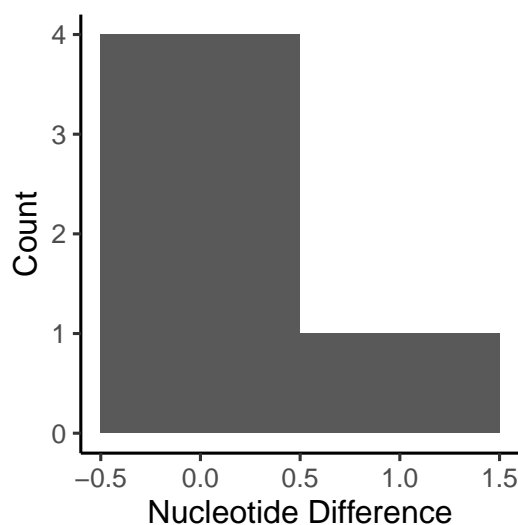
### TRBV25-1\*bp01

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



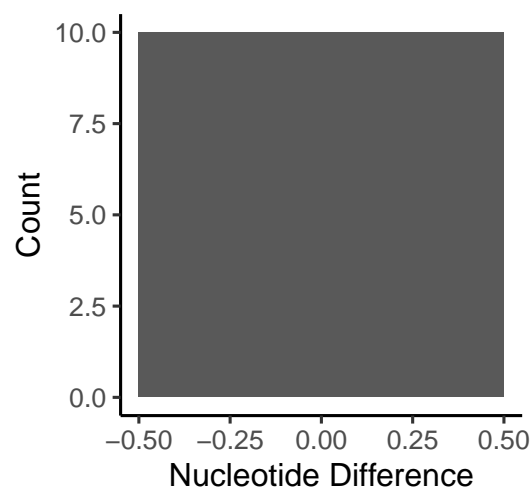
### TRBV5-5\*bp01

5 sequences assigned  
4 (80%) exact matches, in which:  
4 unique CDR3  
3 unique J



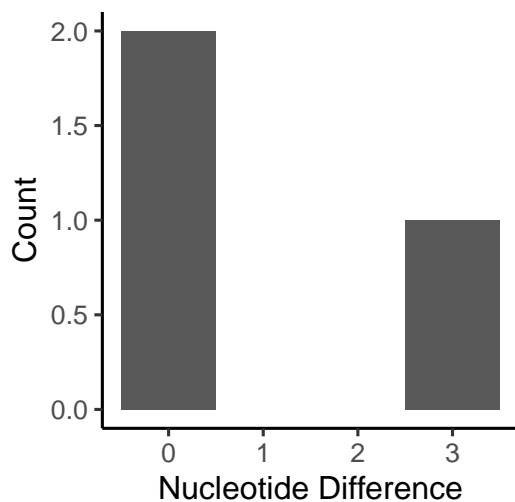
### TRBV6-4\*bp01

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



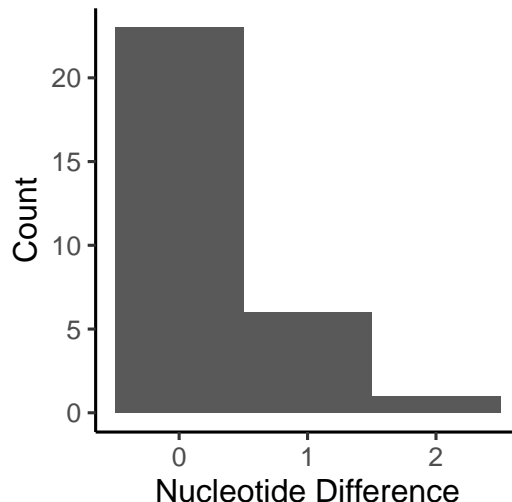
### TRBV5-3\*bp02

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



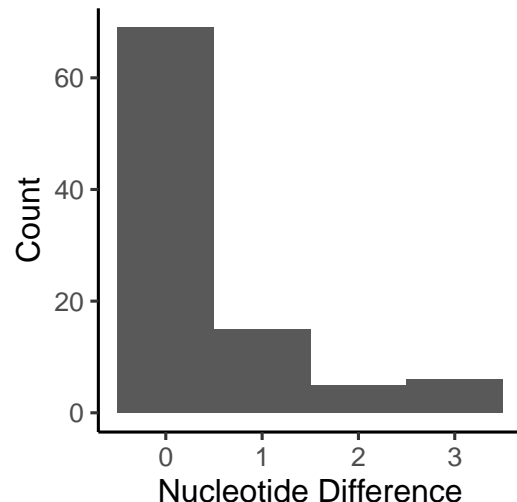
### TRBV5-6\*bp01

30 sequences assigned  
23 (76.7%) exact matches, in which:  
22 unique CDR3  
10 unique J



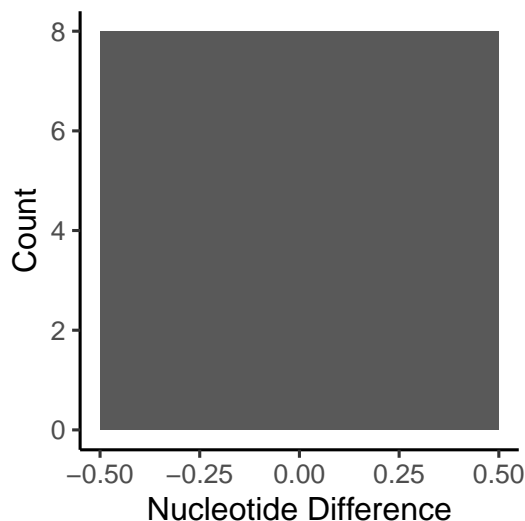
### TRBV6-5\*bp01

95 sequences assigned  
69 (72.6%) exact matches, in which:  
68 unique CDR3  
12 unique J



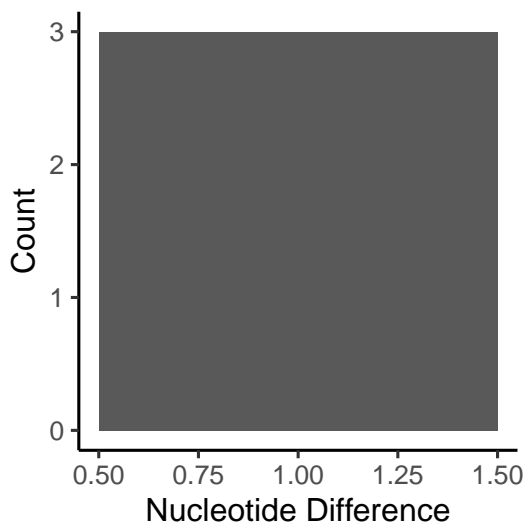
### TRBV6–6\*bp01

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



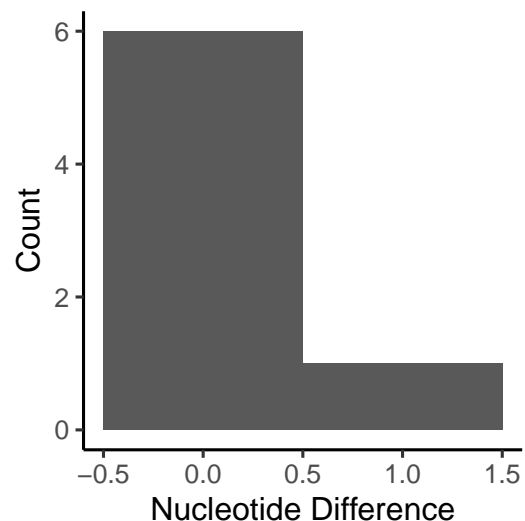
### TRBV6–9\*bp01

3 sequences assigned  
No exact matches.



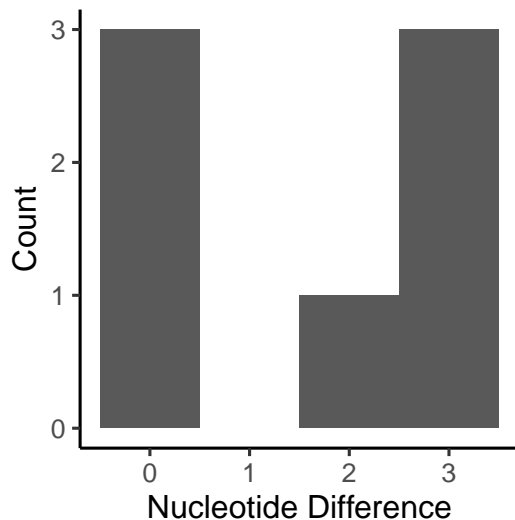
### TRBV7–3\*bp01

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



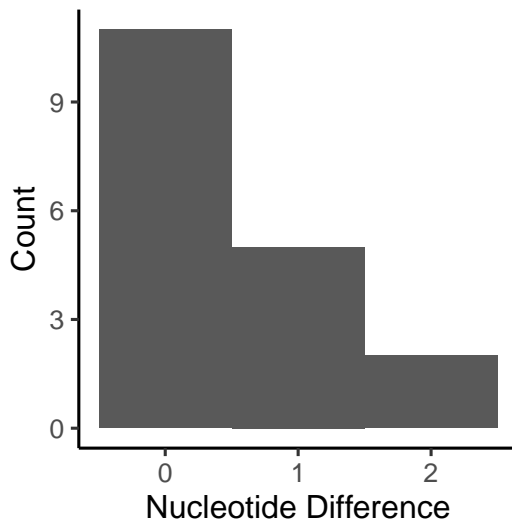
### TRBV6–6\*bp02

7 sequences assigned  
3 (42.9%) exact matches, in which:  
3 unique CDR3  
3 unique J



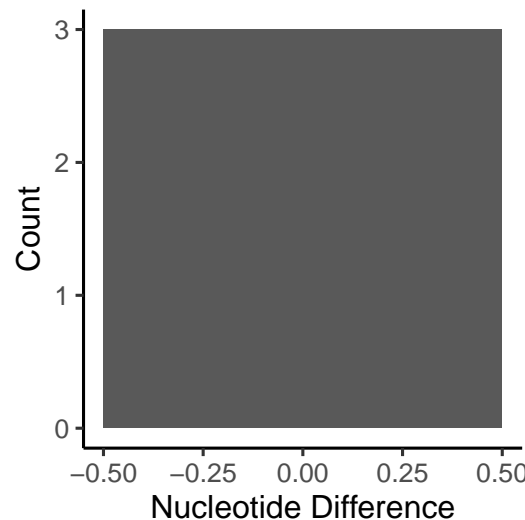
### TRBV6–23\*bp01

18 sequences assigned  
11 (61.1%) exact matches, in which:  
11 unique CDR3  
8 unique J



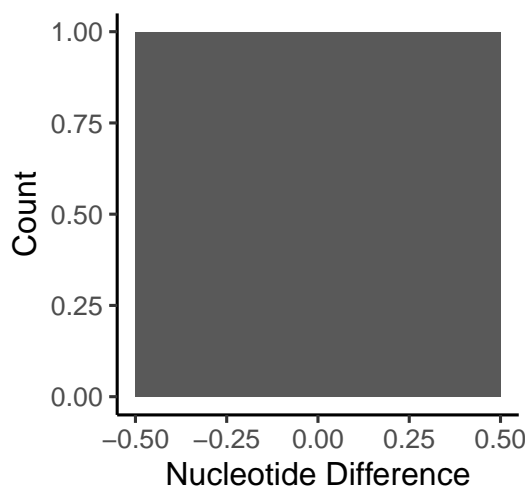
### TRBV7–3\*bp03

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



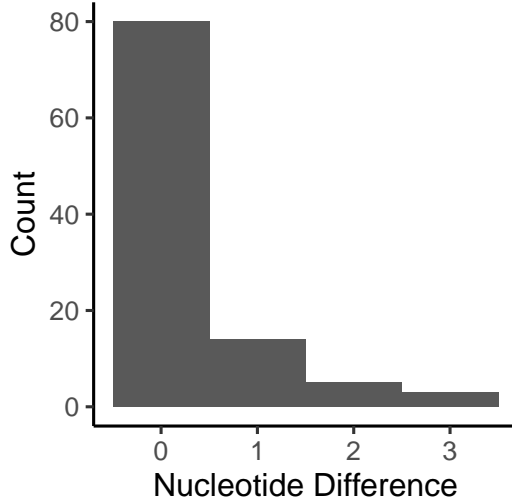
### TRBV6–8\*bp01

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



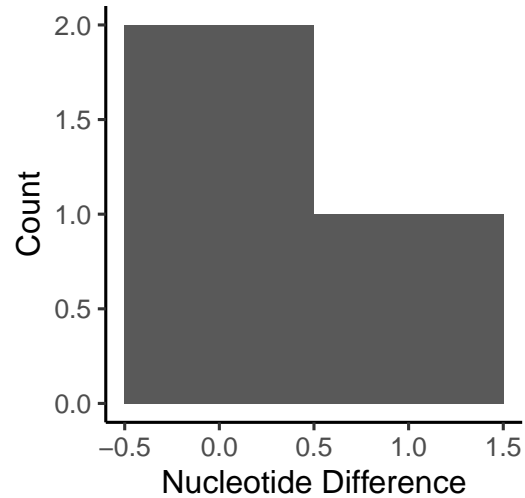
### TRBV7–2\*bp01

102 sequences assigned  
80 (78.4%) exact matches, in which:  
75 unique CDR3  
12 unique J



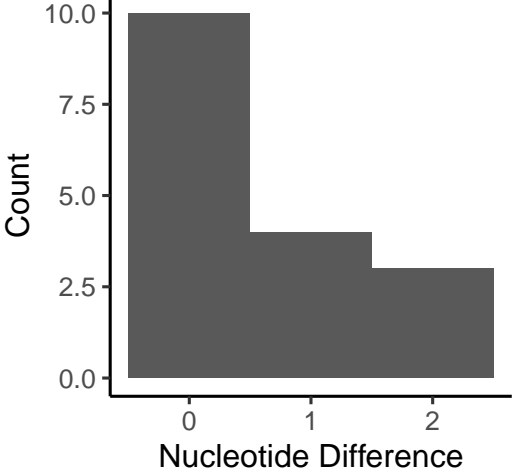
### TRBV7–4\*bp01

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



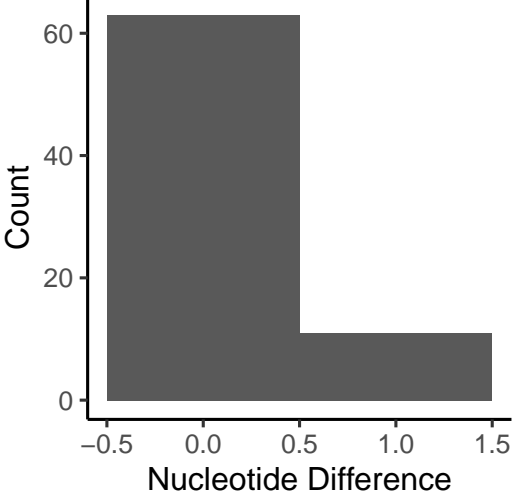
TRBV7-6\*bp01

17 sequences assigned  
10 (58.8%) exact matches, in which:  
10 unique CDR3  
3 unique J



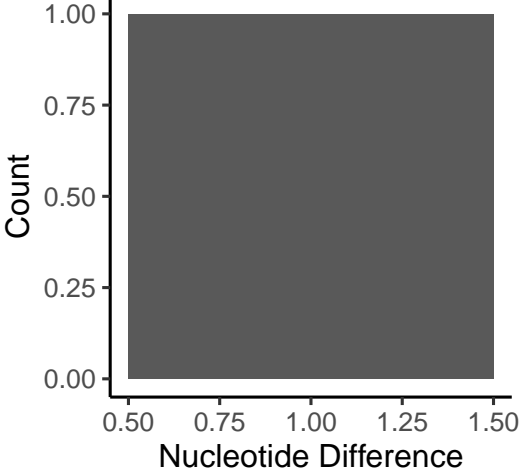
TRBV29-1\*bp01

74 sequences assigned  
63 (85.1%) exact matches, in which:  
60 unique CDR3  
11 unique J



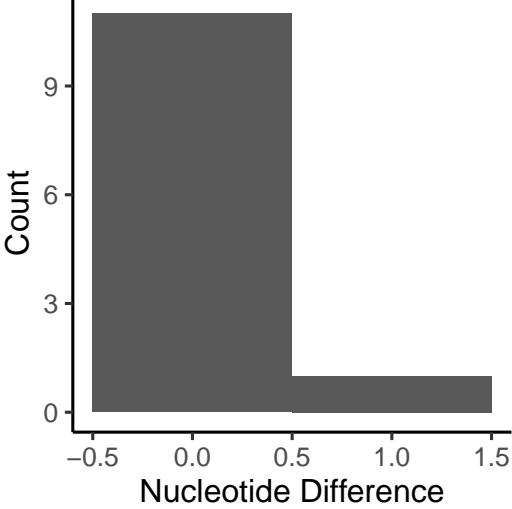
TRBV7-8\*bp01

1 sequences assigned  
No exact matches.



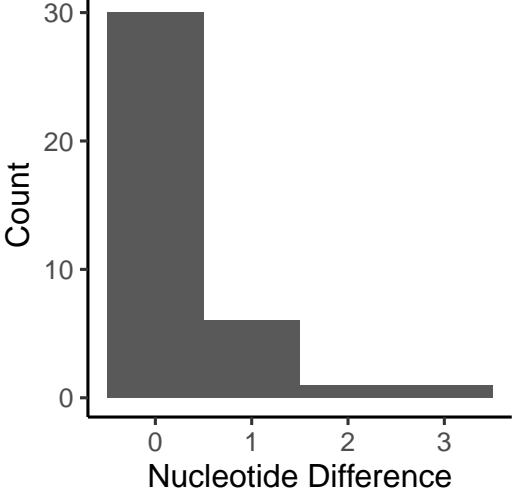
TRBV29-1\*bp03

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

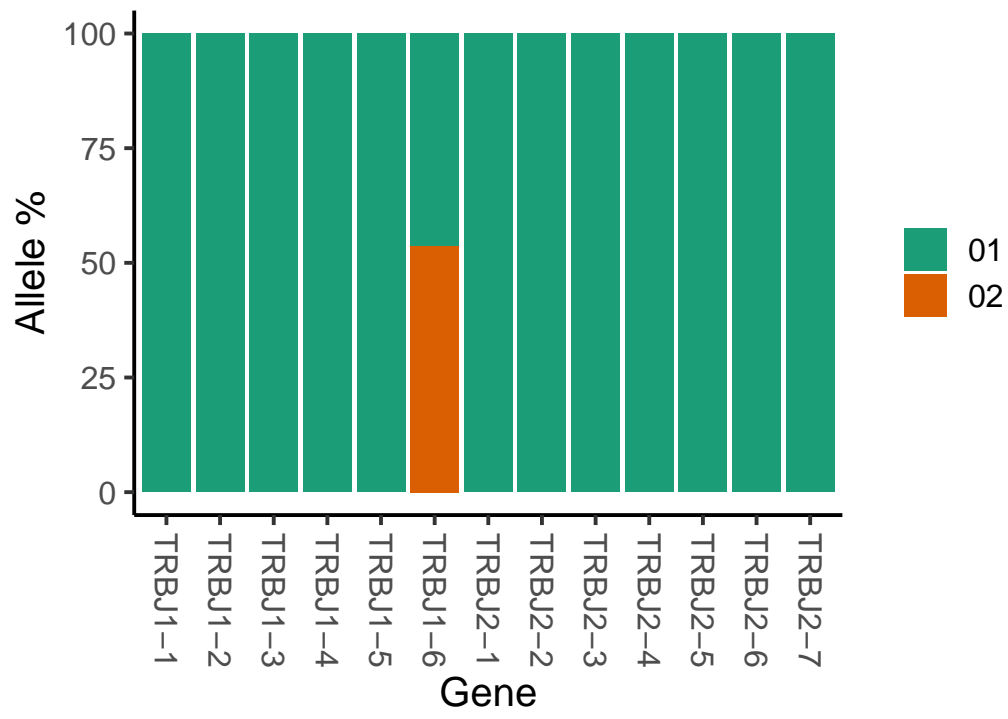


TRBV7-9\*bp01

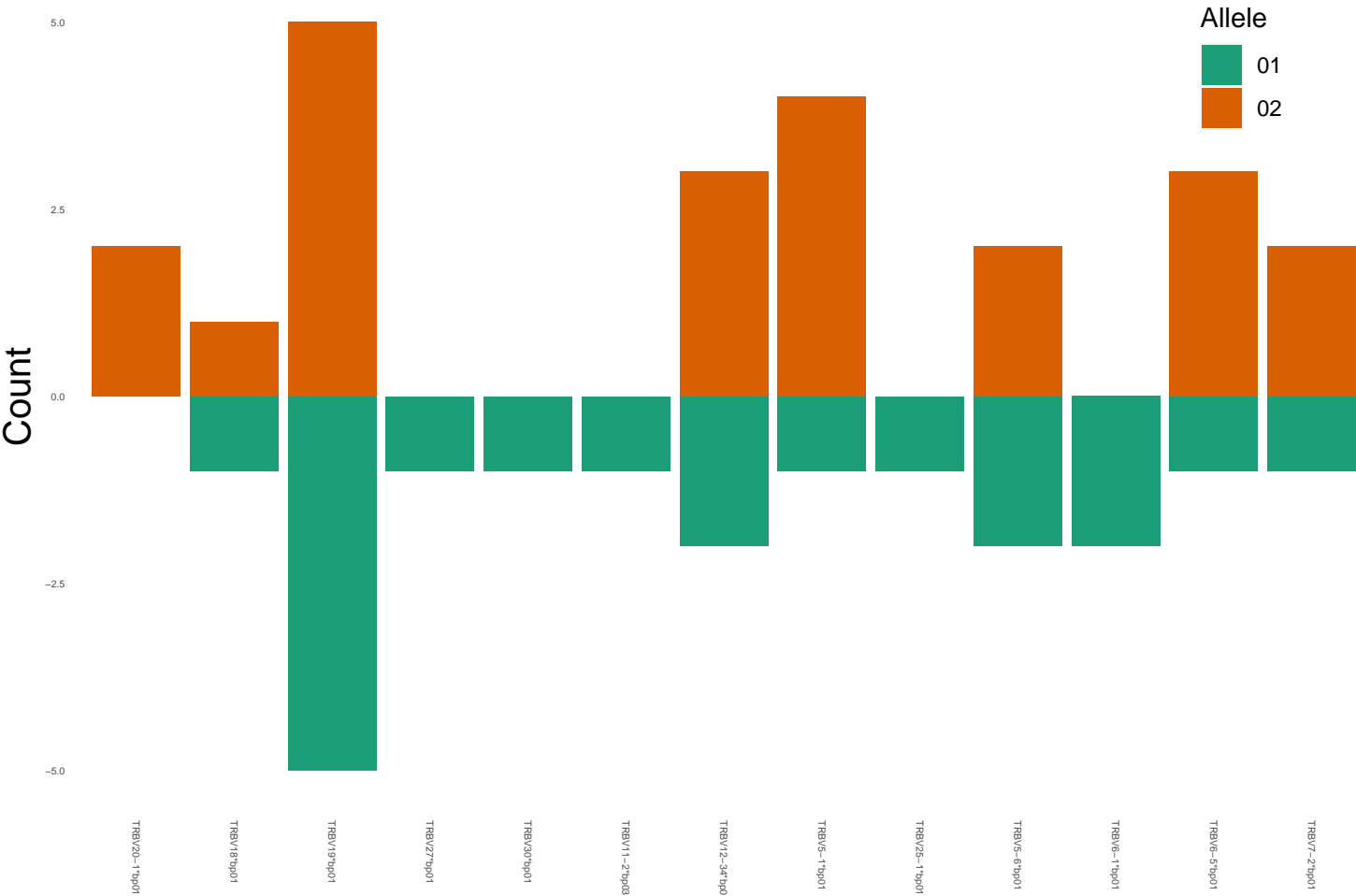
38 sequences assigned  
30 (78.9%) exact matches, in which:  
29 unique CDR3  
9 unique J



Allele Usage



Sequence Count by TRBJ1–6 allele usage





[illegible]