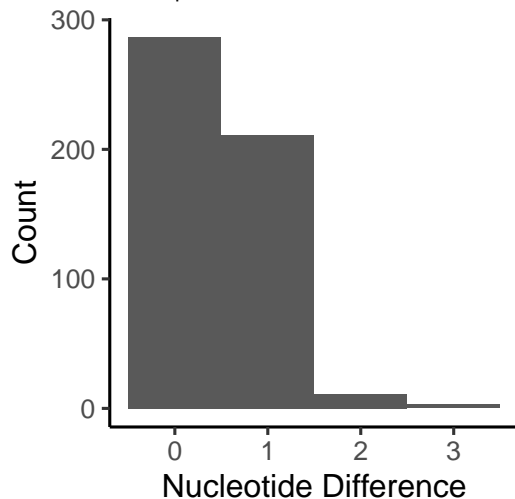


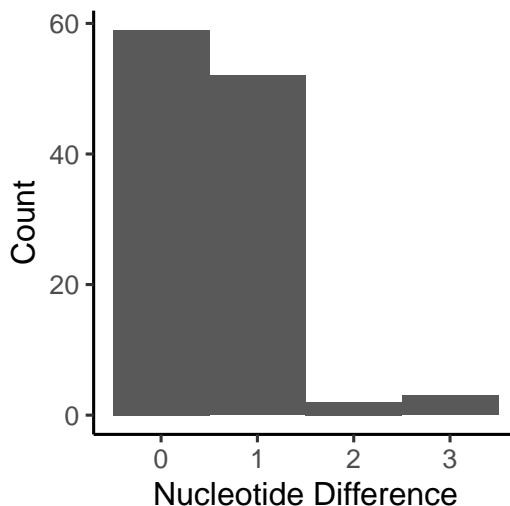
### TRBV20–1\*bp01

512 sequences assigned  
287 (56.1%) exact matches, in which:  
113 unique CDR3  
13 unique J



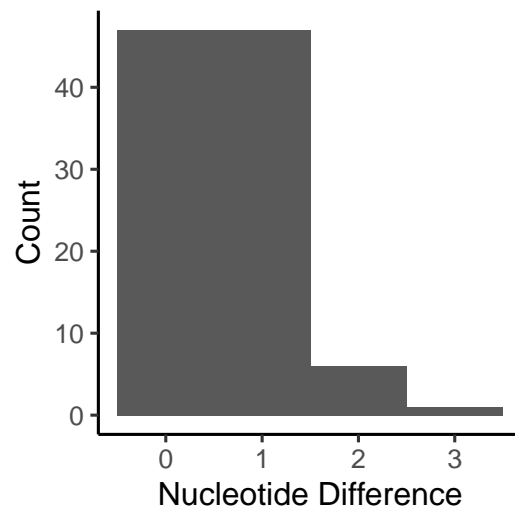
### TRBV10–3\*bp01

116 sequences assigned  
59 (50.9%) exact matches, in which:  
39 unique CDR3  
7 unique J



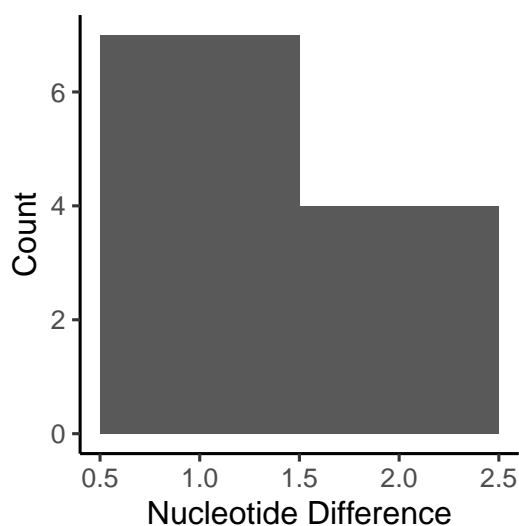
### TRBV15\*bp02

101 sequences assigned  
47 (46.5%) exact matches, in which:  
11 unique CDR3  
4 unique J



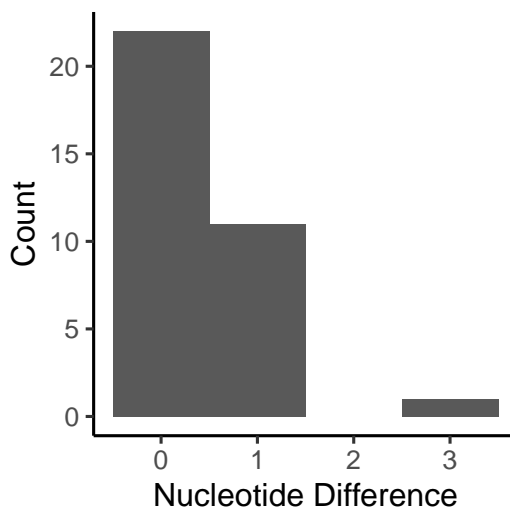
### TRBV10–1\*bp02

11 sequences assigned  
No exact matches.



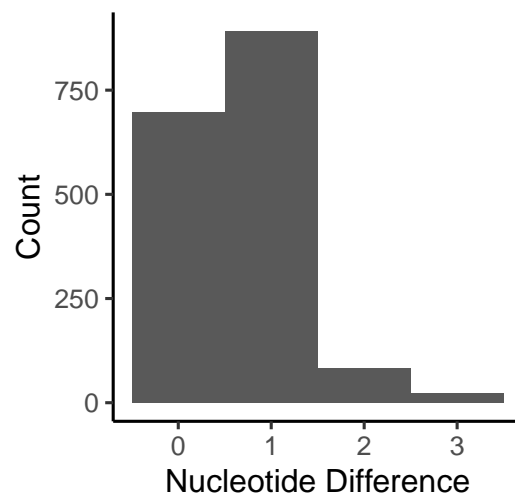
### TRBV13\*bp01

34 sequences assigned  
22 (64.7%) exact matches, in which:  
14 unique CDR3  
9 unique J



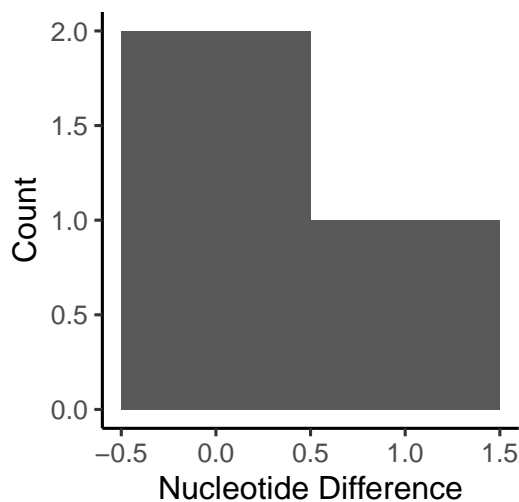
### TRBV18\*bp01

1693 sequences assigned  
696 (41.1%) exact matches, in which:  
363 unique CDR3  
11 unique J



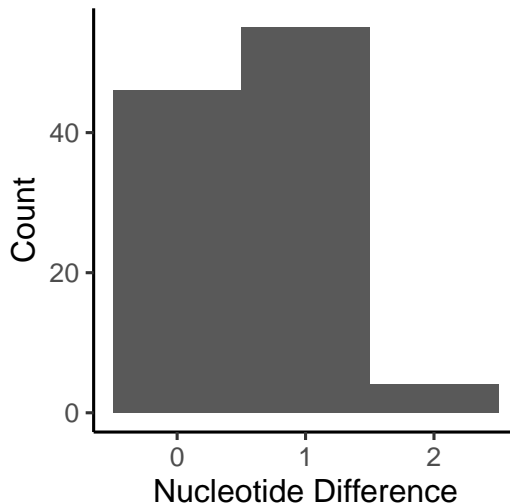
### TRBV10–2\*bp01

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



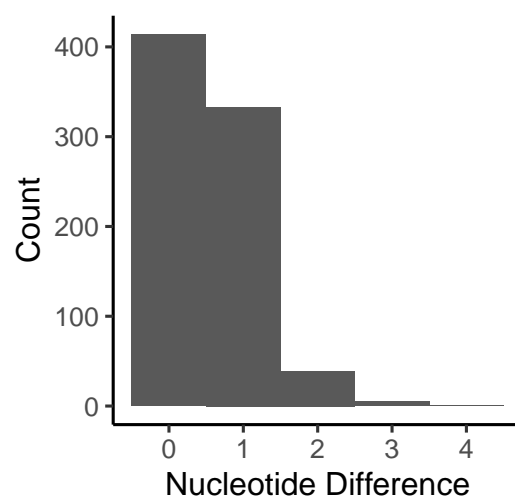
### TRBV14\*bp01

105 sequences assigned  
46 (43.8%) exact matches, in which:  
30 unique CDR3  
7 unique J



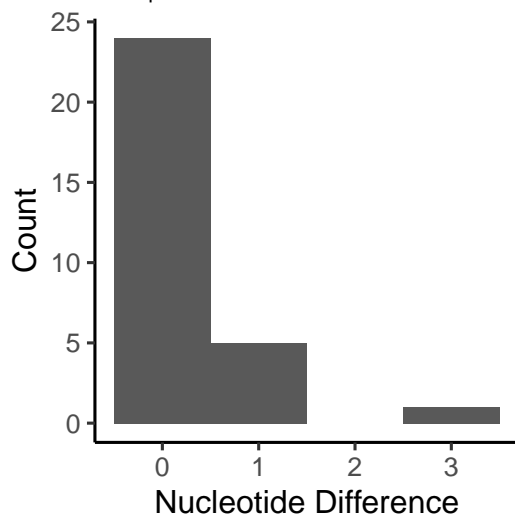
### TRBV19\*bp01

792 sequences assigned  
414 (52.3%) exact matches, in which:  
190 unique CDR3  
11 unique J



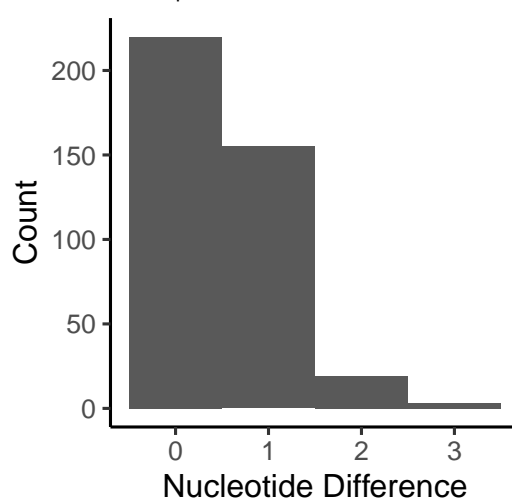
### TRBV2\*bp01

30 sequences assigned  
24 (80%) exact matches, in which:  
18 unique CDR3  
8 unique J



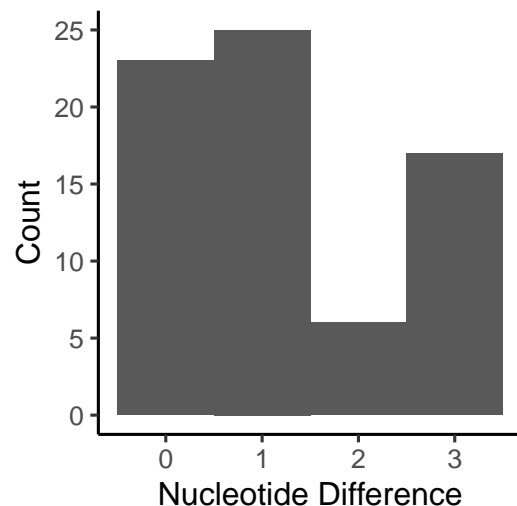
### TRBV30\*bp01

397 sequences assigned  
220 (55.4%) exact matches, in which:  
91 unique CDR3  
13 unique J



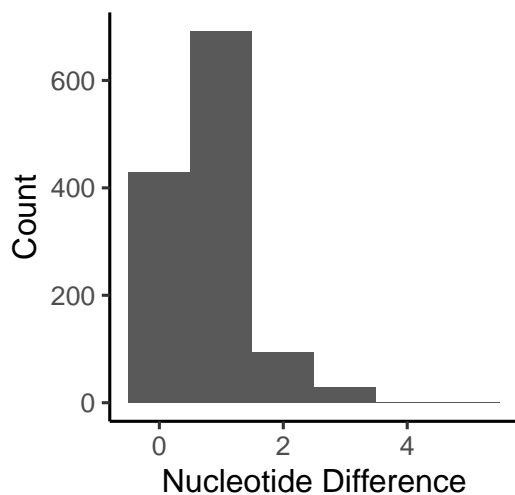
### TRBV11-1\*bp01

71 sequences assigned  
23 (32.4%) exact matches, in which:  
15 unique CDR3  
6 unique J



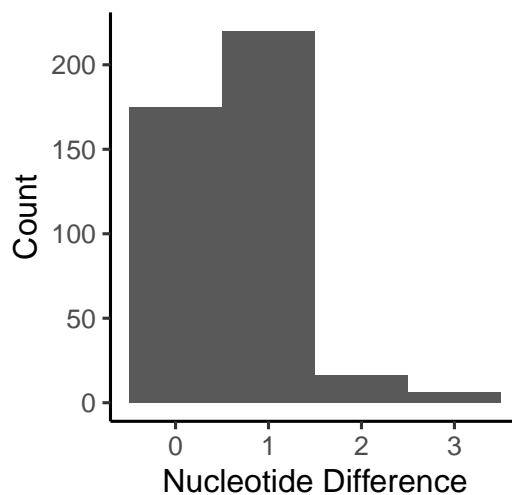
### TRBV27\*bp01

1246 sequences assigned  
429 (34.4%) exact matches, in which:  
264 unique CDR3  
14 unique J



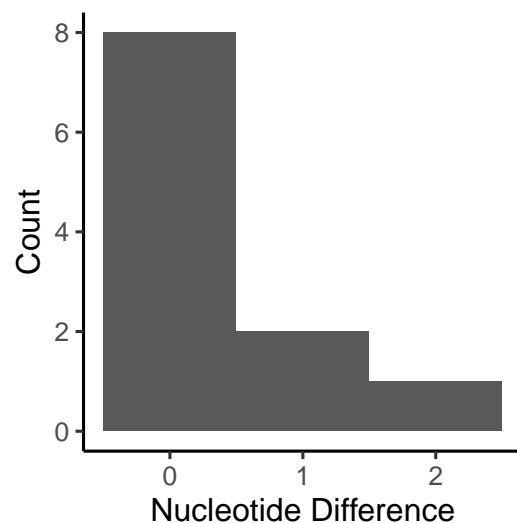
### TRBV30\*bp02

417 sequences assigned  
175 (42%) exact matches, in which:  
74 unique CDR3  
13 unique J



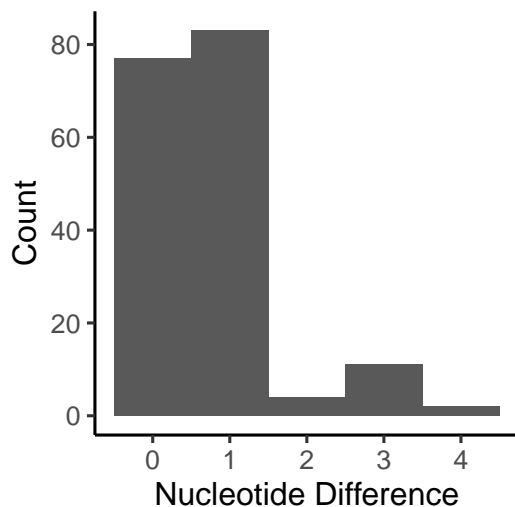
### TRBV21-1\*bp01

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



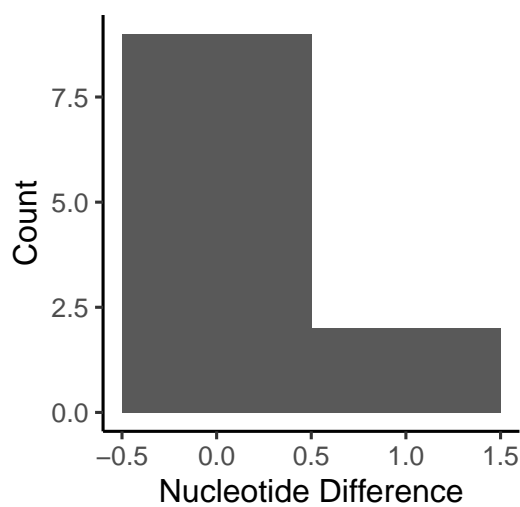
### TRBV28\*bp01

177 sequences assigned  
77 (43.5%) exact matches, in which:  
56 unique CDR3  
12 unique J



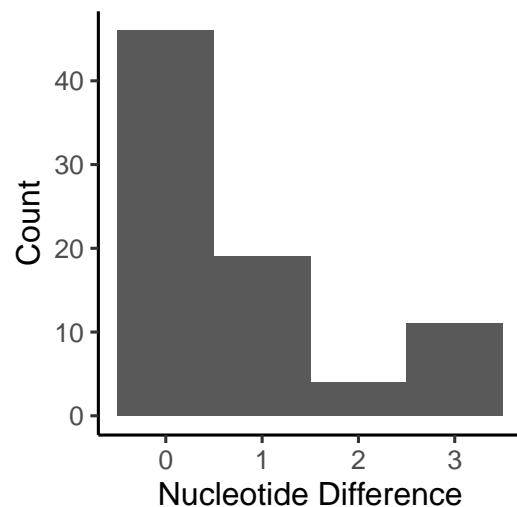
### TRBV9\*bp01

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



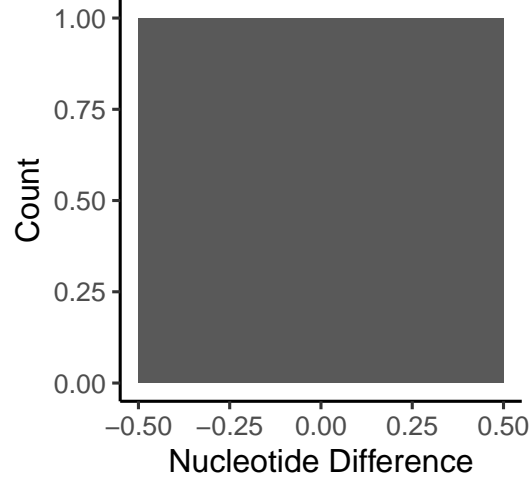
### TRBV11-2\*bp01

80 sequences assigned  
46 (57.5%) exact matches, in which:  
33 unique CDR3  
10 unique J



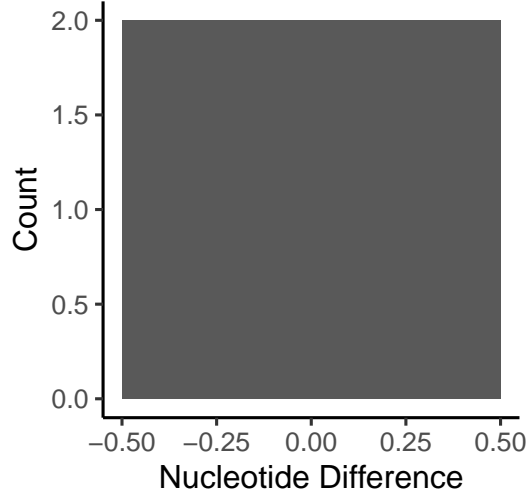
### TRBV11–3\*bp01

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



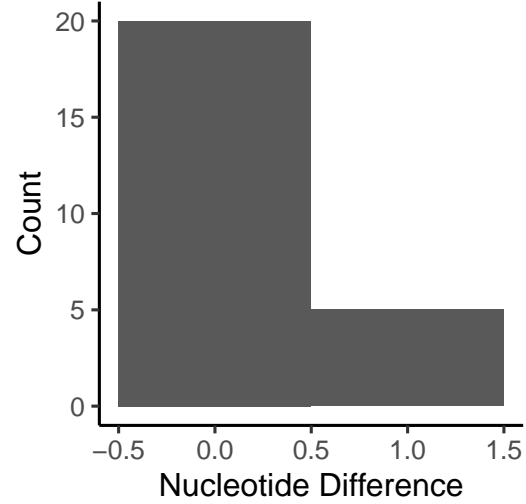
### TRBV23–1\*bp01

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



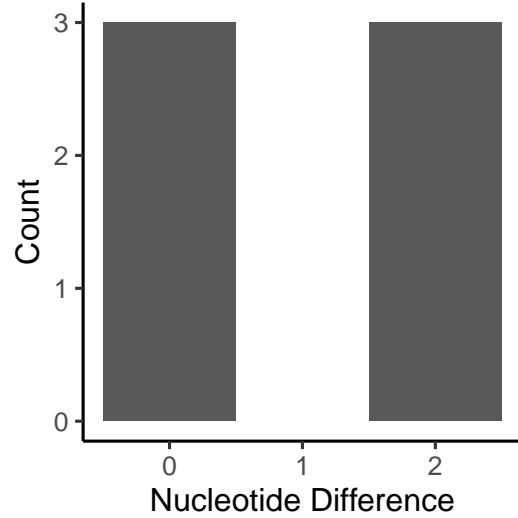
### TRBV4–2\*bp01

25 sequences assigned  
20 (80%) exact matches, in which:  
15 unique CDR3  
8 unique J



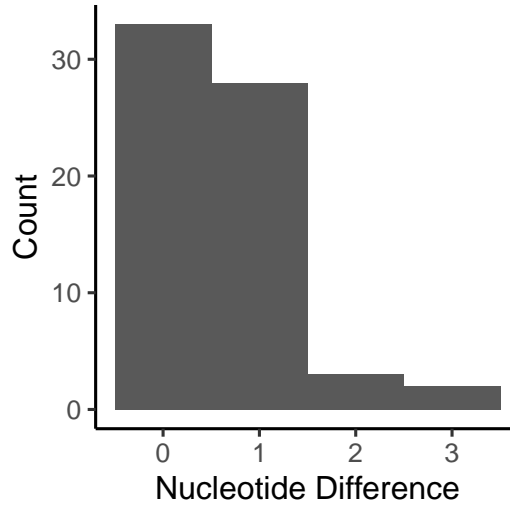
### TRBV12–5\*bp01

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



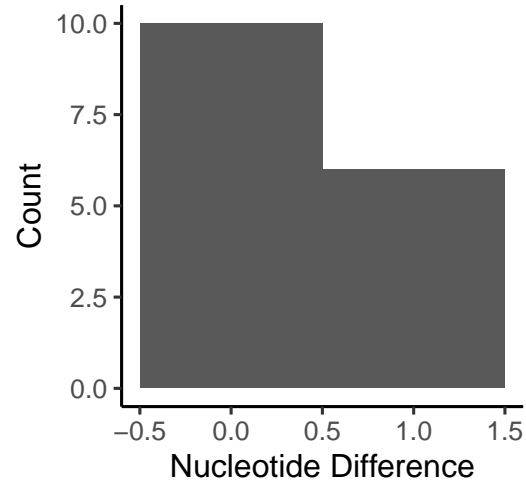
### TRBV24–1\*bp01

66 sequences assigned  
33 (50%) exact matches, in which:  
17 unique CDR3  
6 unique J



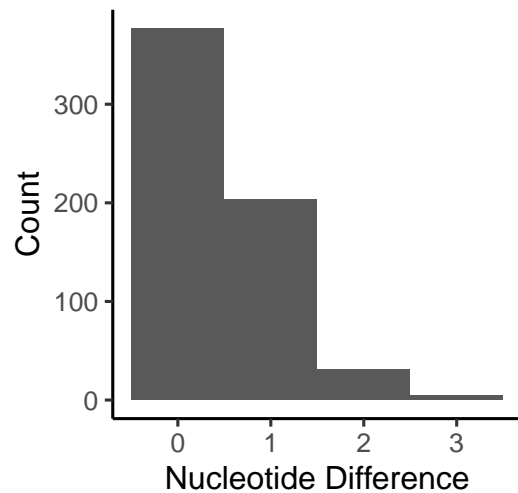
### TRBV4–3\*bp01

16 sequences assigned  
10 (62.5%) exact matches, in which:  
6 unique CDR3  
5 unique J



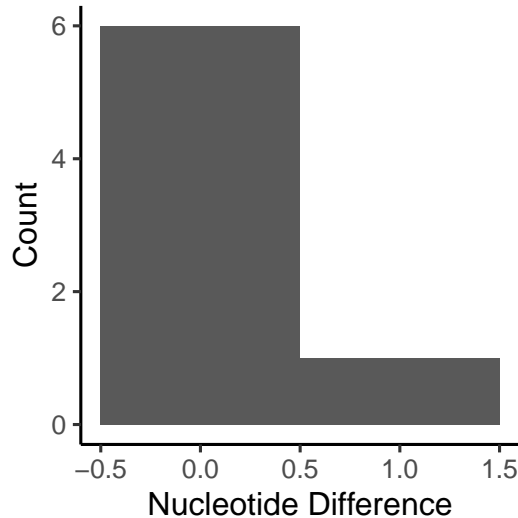
### TRBV12–34\*bp01

616 sequences assigned  
377 (61.2%) exact matches, in which:  
152 unique CDR3  
14 unique J



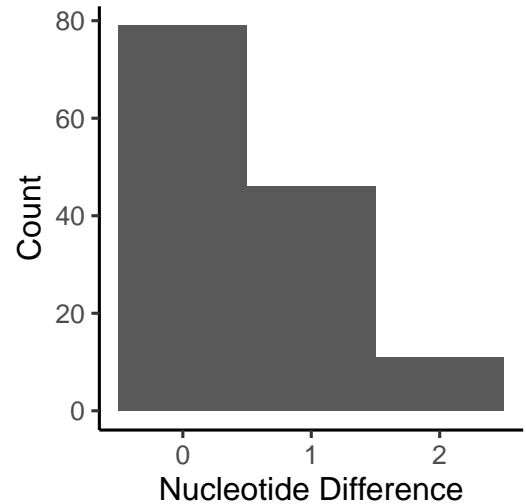
### TRBV4–1\*bp01

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



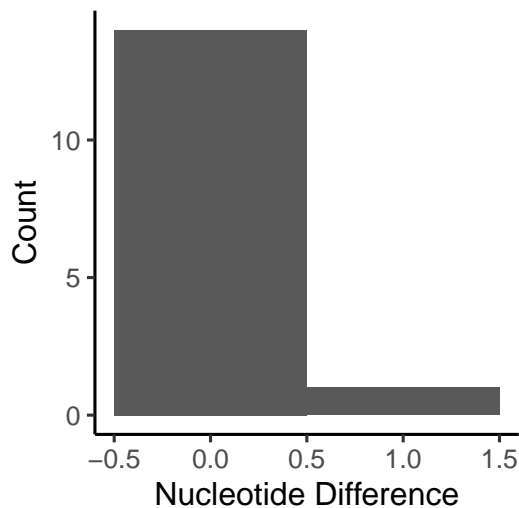
### TRBV5–1\*bp01

136 sequences assigned  
79 (58.1%) exact matches, in which:  
39 unique CDR3  
12 unique J



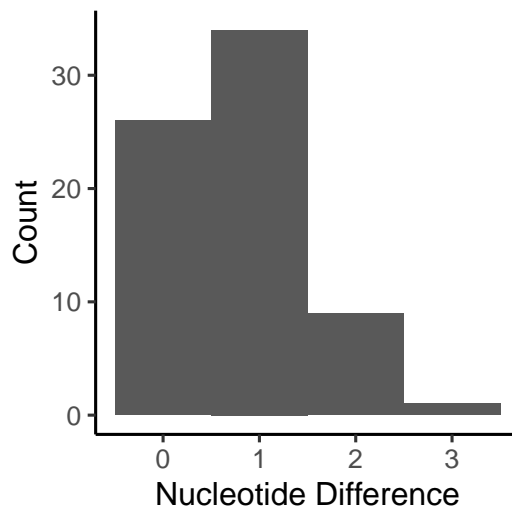
### TRBV25–1\*bp01

15 sequences assigned  
14 (93.3%) exact matches, in which:  
7 unique CDR3  
5 unique J



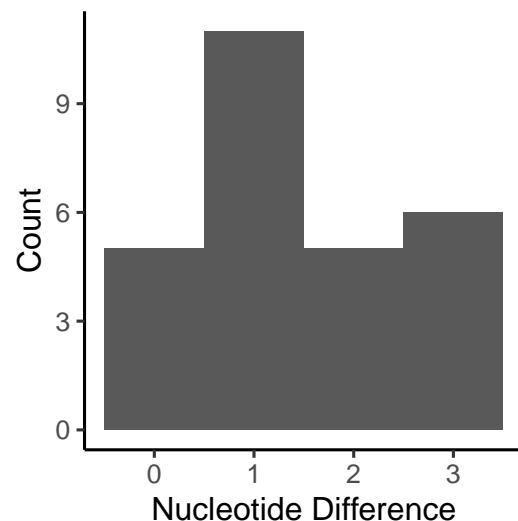
### TRBV5–5\*bp01

70 sequences assigned  
26 (37.1%) exact matches, in which:  
16 unique CDR3  
6 unique J



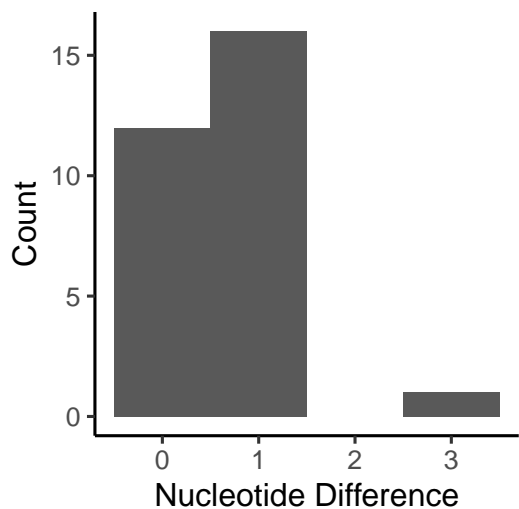
### TRBV5–8\*bp01

27 sequences assigned  
5 (18.5%) exact matches, in which:  
4 unique CDR3  
4 unique J



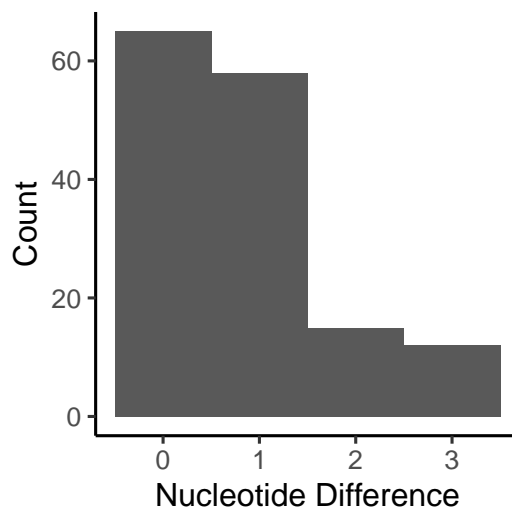
### TRBV5–3\*bp01

29 sequences assigned  
12 (41.4%) exact matches, in which:  
7 unique CDR3  
5 unique J



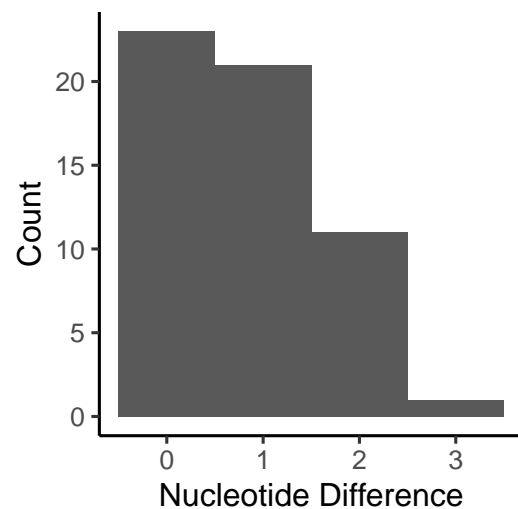
### TRBV5–6\*bp01

150 sequences assigned  
65 (43.3%) exact matches, in which:  
43 unique CDR3  
12 unique J



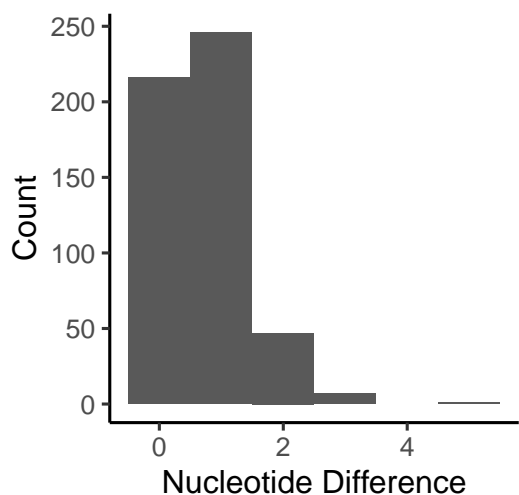
### TRBV6–1\*bp01

56 sequences assigned  
23 (41.1%) exact matches, in which:  
18 unique CDR3  
10 unique J



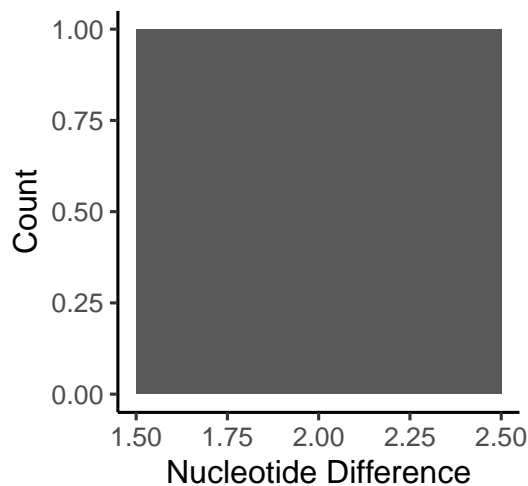
### TRBV5–4\*bp01

517 sequences assigned  
216 (41.8%) exact matches, in which:  
134 unique CDR3  
14 unique J



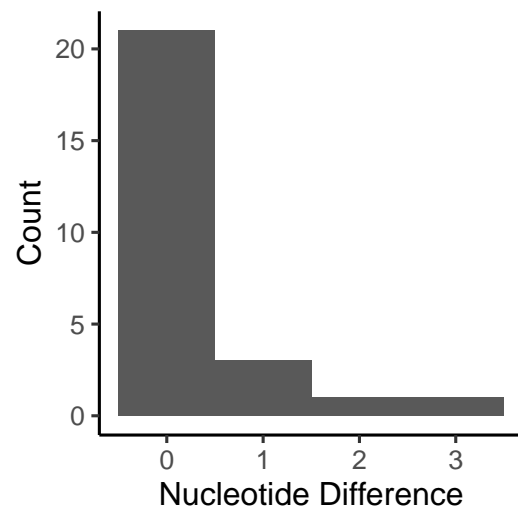
### TRBV5–7\*bp01

1 sequences assigned  
No exact matches.



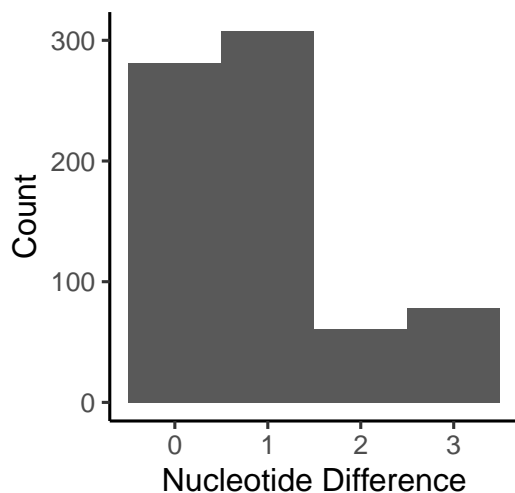
### TRBV6–4\*bp01

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



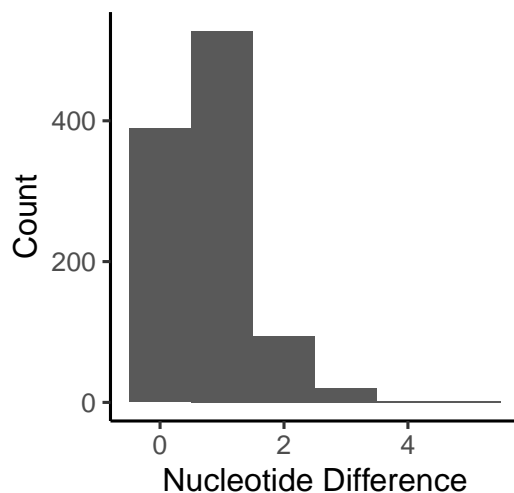
### TRBV6-5\*bp01

728 sequences assigned  
281 (38.6%) exact matches, in which:  
172 unique CDR3  
14 unique J



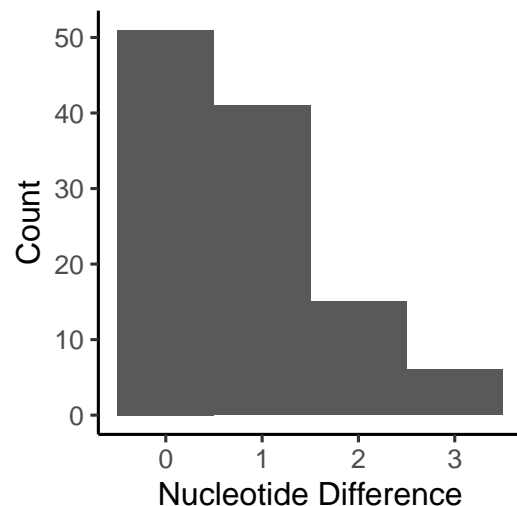
### TRBV6-23\*bp01

1035 sequences assigned  
389 (37.6%) exact matches, in which:  
217 unique CDR3  
14 unique J



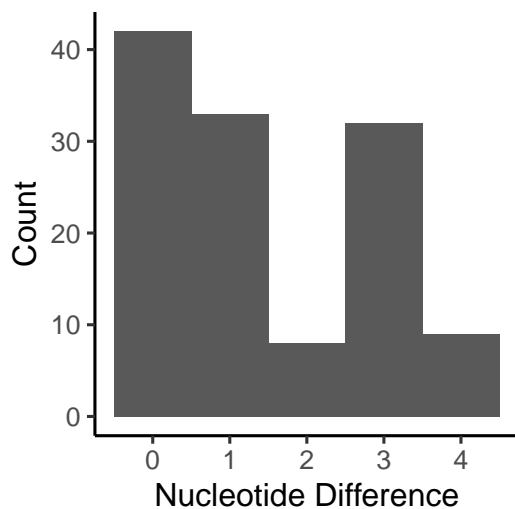
### TRBV7-6\*bp01

113 sequences assigned  
51 (45.1%) exact matches, in which:  
27 unique CDR3  
7 unique J



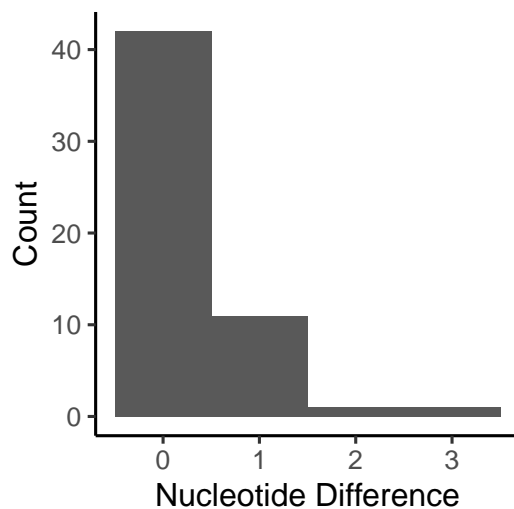
### TRBV6-6\*bp01

124 sequences assigned  
42 (33.9%) exact matches, in which:  
30 unique CDR3  
12 unique J



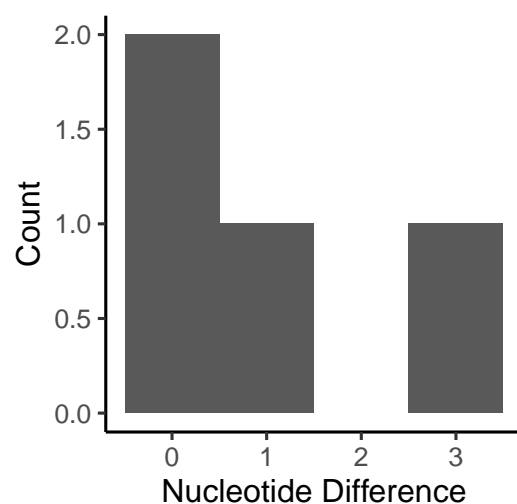
### TRBV7-2\*bp01

55 sequences assigned  
42 (76.4%) exact matches, in which:  
22 unique CDR3  
9 unique J



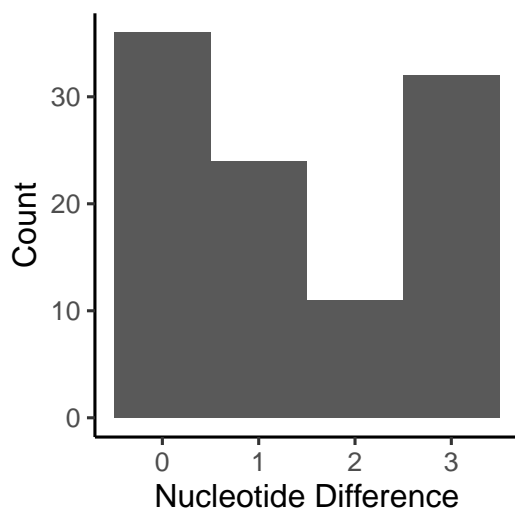
### TRBV7-7\*bp01

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



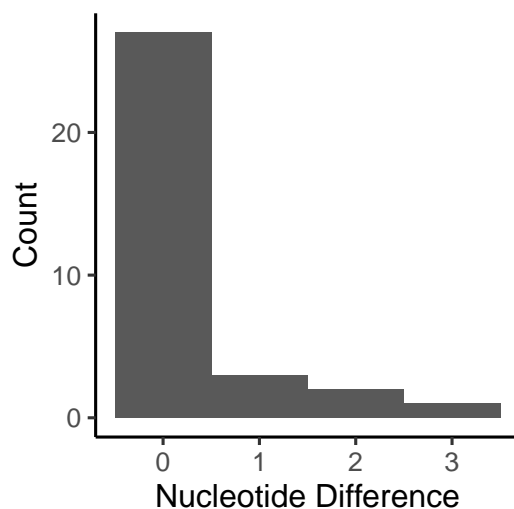
### TRBV6-6\*bp02

103 sequences assigned  
36 (35%) exact matches, in which:  
25 unique CDR3  
10 unique J



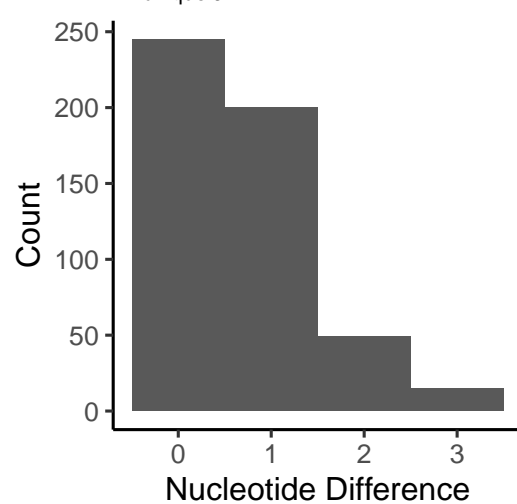
### TRBV7-3\*bp01

33 sequences assigned  
27 (81.8%) exact matches, in which:  
16 unique CDR3  
9 unique J



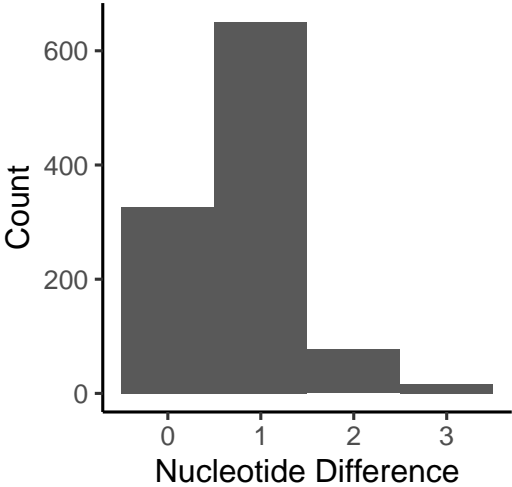
### TRBV7-9\*bp01

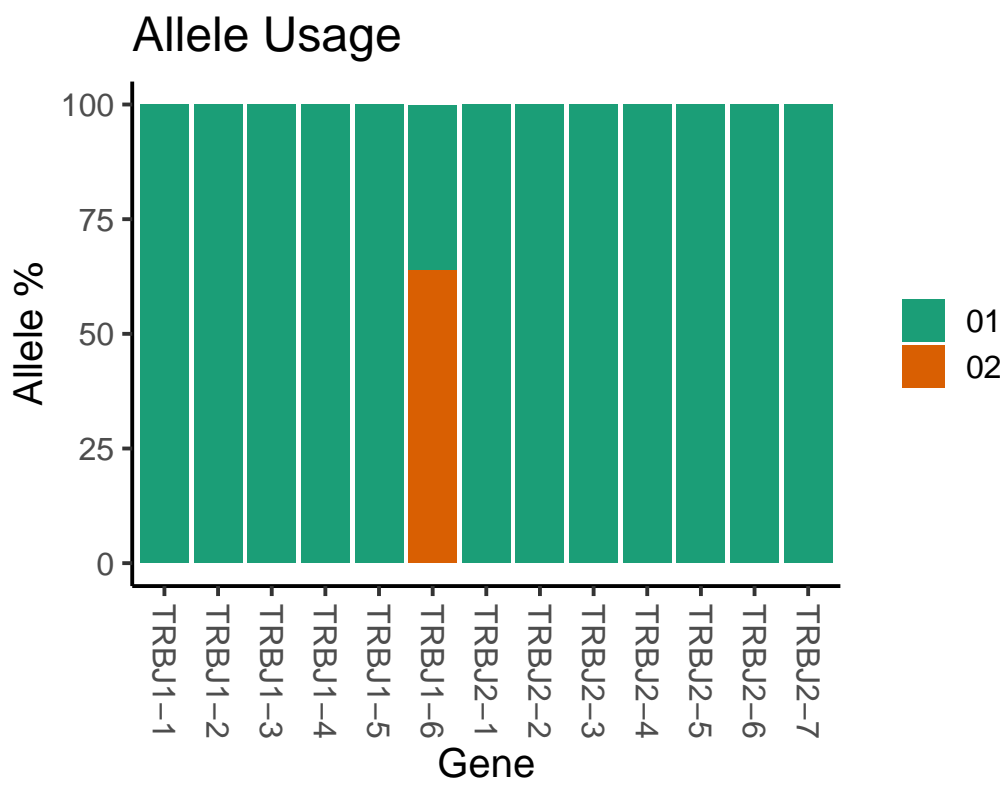
509 sequences assigned  
245 (48.1%) exact matches, in which:  
141 unique CDR3  
14 unique J



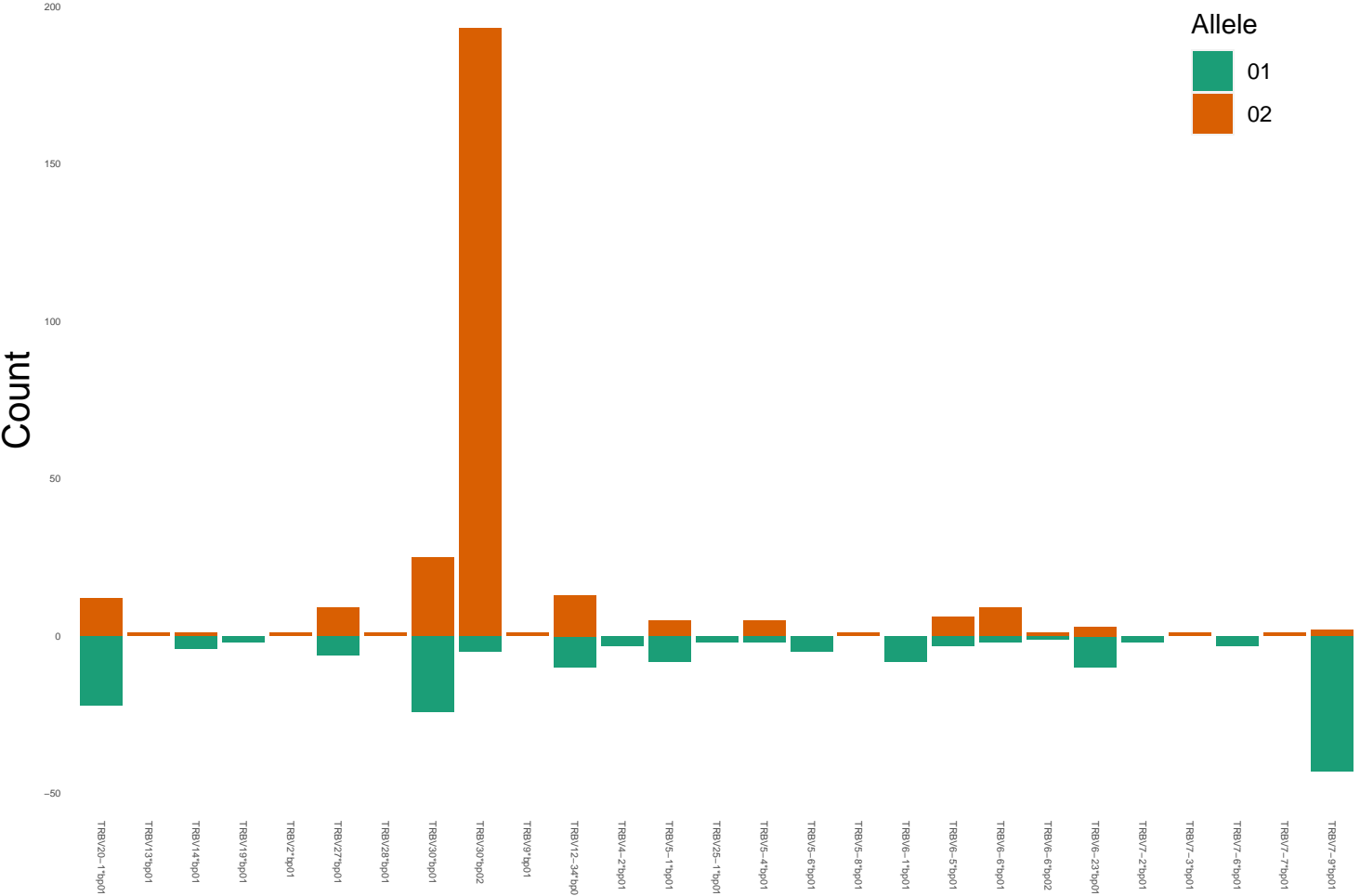
TRBV29–1\*bp01

1071 sequences assigned  
326 (30.4%) exact matches, in which:  
195 unique CDR3  
11 unique J





Sequence Count by TRBJ1–6 allele usage





[illegible]