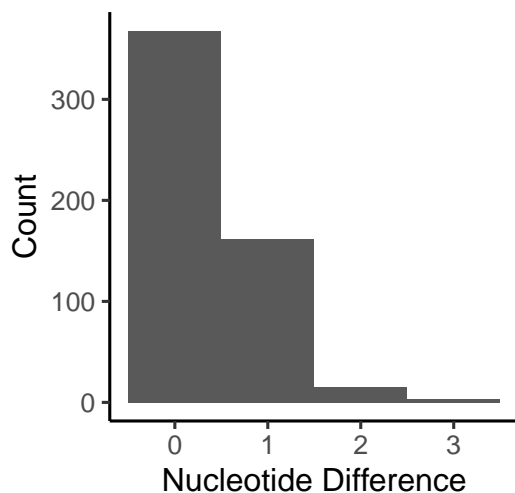


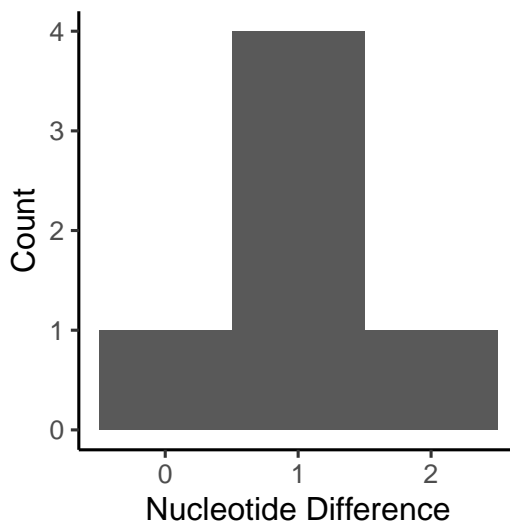
### TRBV20–1\*bp01

548 sequences assigned  
368 (67.2%) exact matches, in which:  
206 unique CDR3  
14 unique J



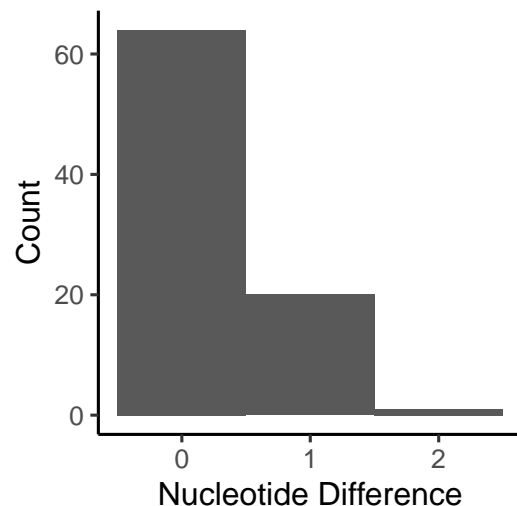
### TRBV10–2\*bp02

6 sequences assigned  
1 (16.7%) exact matches, in which:  
1 unique CDR3  
1 unique J



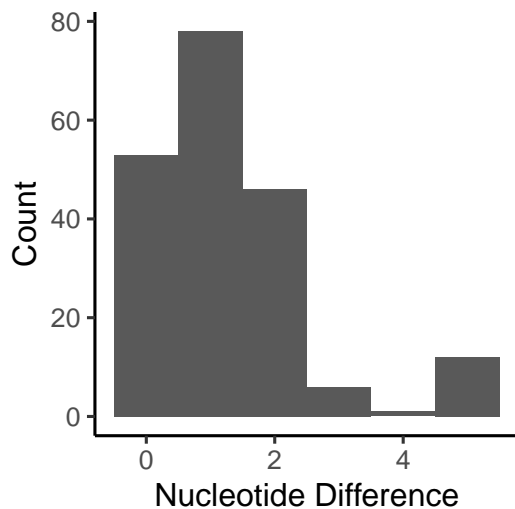
### TRBV14\*bp01

85 sequences assigned  
64 (75.3%) exact matches, in which:  
51 unique CDR3  
11 unique J



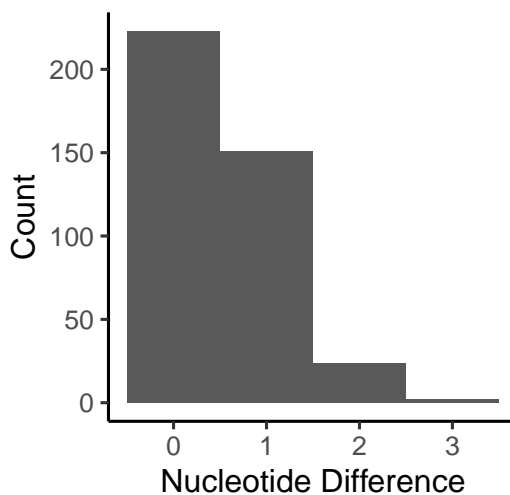
### TRBV10–1\*bp02

196 sequences assigned  
53 (27%) exact matches, in which:  
39 unique CDR3  
10 unique J



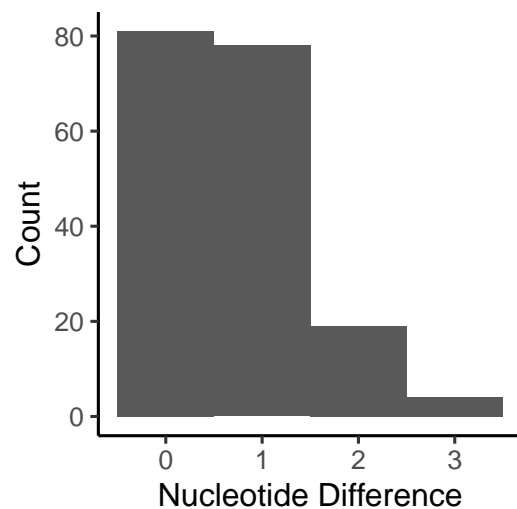
### TRBV10–3\*bp01

400 sequences assigned  
223 (55.8%) exact matches, in which:  
155 unique CDR3  
13 unique J



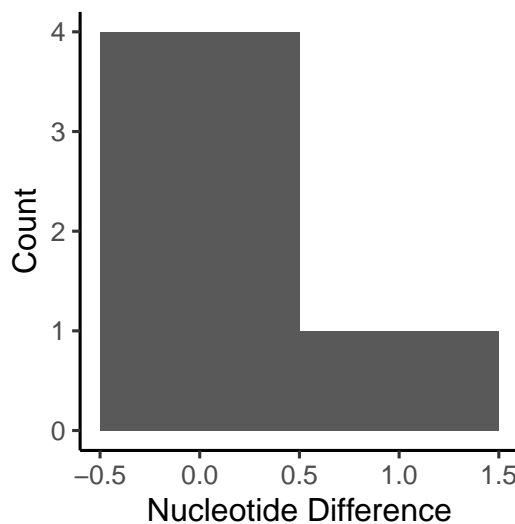
### TRBV15\*bp02

182 sequences assigned  
81 (44.5%) exact matches, in which:  
50 unique CDR3  
13 unique J



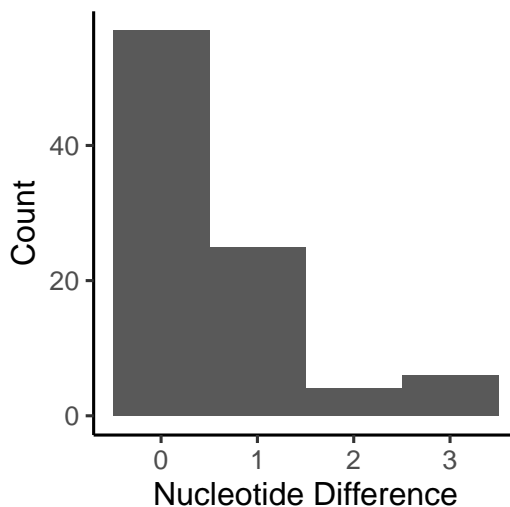
### TRBV10–2\*bp01

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



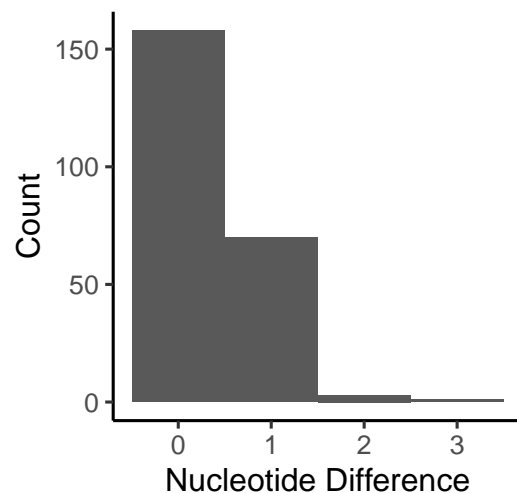
### TRBV13\*bp01

92 sequences assigned  
57 (62%) exact matches, in which:  
44 unique CDR3  
10 unique J



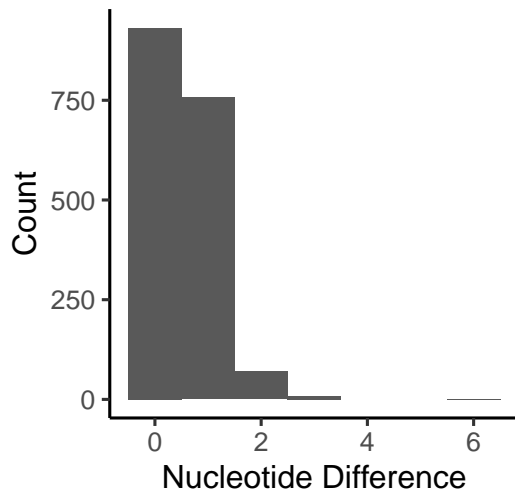
### TRBV18\*bp01

232 sequences assigned  
158 (68.1%) exact matches, in which:  
105 unique CDR3  
13 unique J



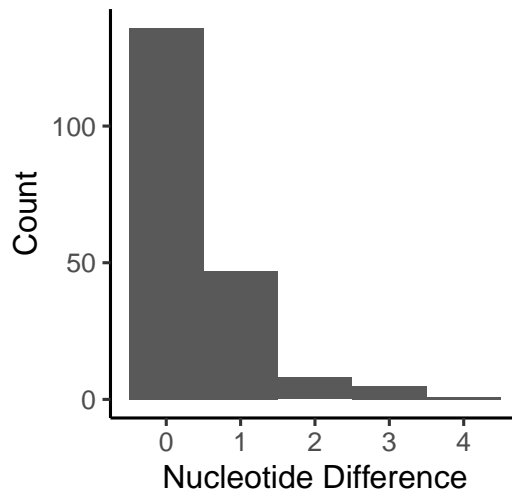
### TRBV19\*bp01

1769 sequences assigned  
932 (52.7%) exact matches, in which:  
566 unique CDR3  
14 unique J



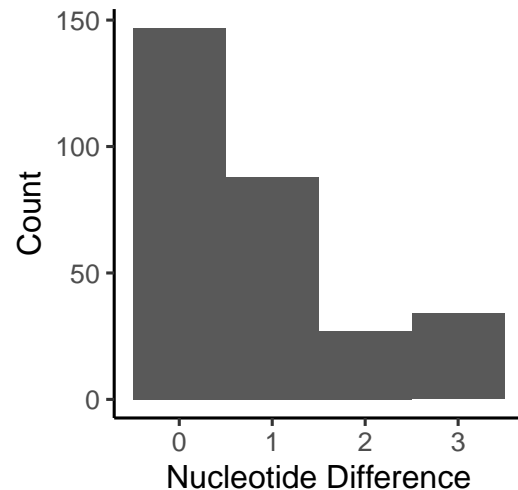
### TRBV28\*bp01

197 sequences assigned  
136 (69%) exact matches, in which:  
106 unique CDR3  
14 unique J



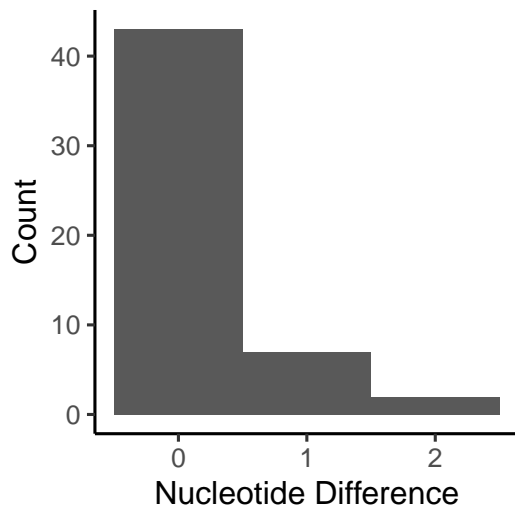
### TRBV11-1\*bp01

296 sequences assigned  
147 (49.7%) exact matches, in which:  
99 unique CDR3  
13 unique J



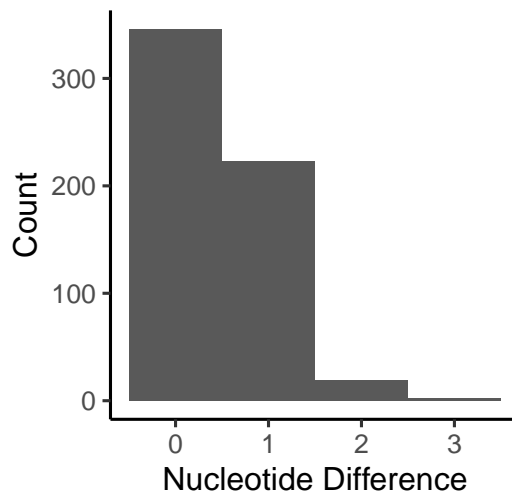
### TRBV2\*bp01

52 sequences assigned  
43 (82.7%) exact matches, in which:  
39 unique CDR3  
13 unique J



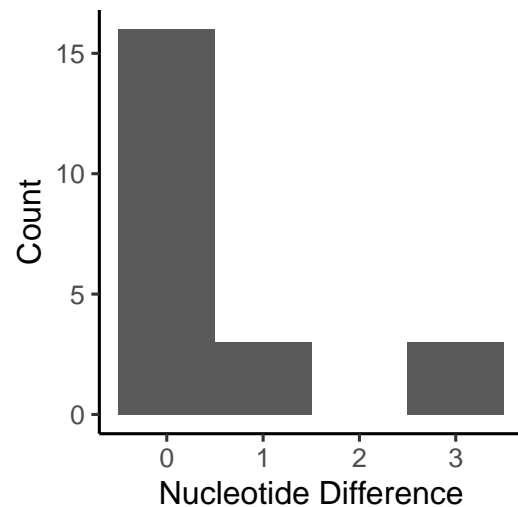
### TRBV30\*bp01

590 sequences assigned  
346 (58.6%) exact matches, in which:  
201 unique CDR3  
13 unique J



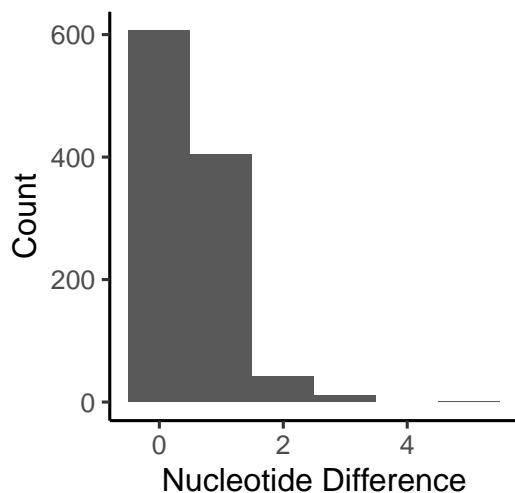
### TRBV21-1\*bp01

22 sequences assigned  
16 (72.7%) exact matches, in which:  
12 unique CDR3  
8 unique J



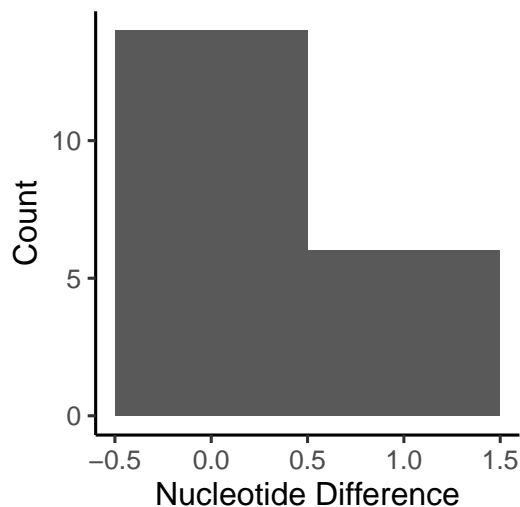
### TRBV27\*bp01

1063 sequences assigned  
607 (57.1%) exact matches, in which:  
456 unique CDR3  
14 unique J



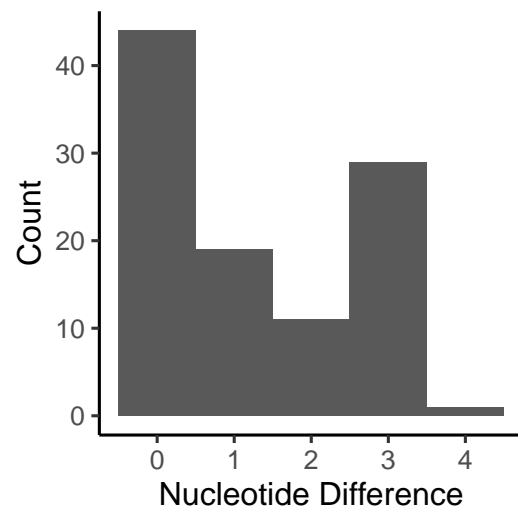
### TRBV9\*bp01

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



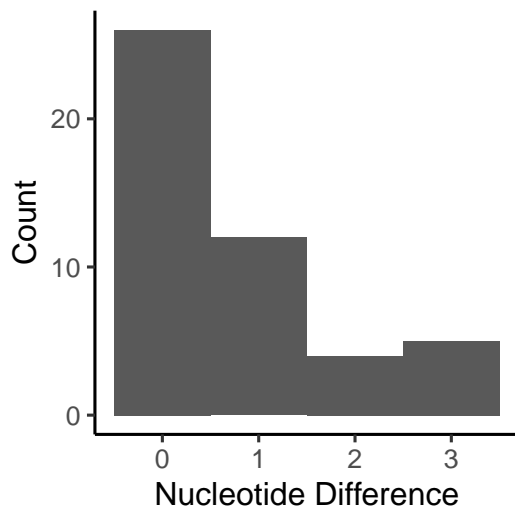
### TRBV11-2\*bp01

104 sequences assigned  
44 (42.3%) exact matches, in which:  
33 unique CDR3  
11 unique J



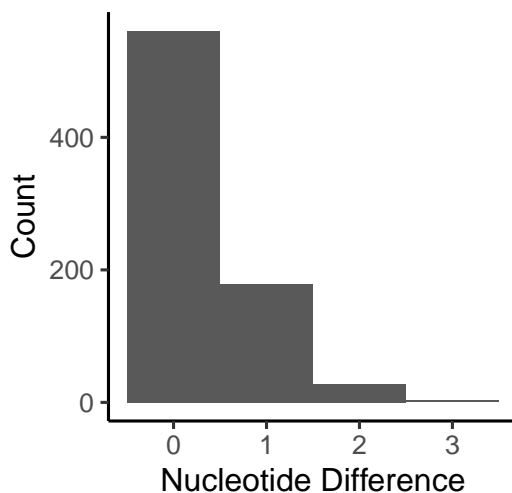
### TRBV11–2\*bp03

47 sequences assigned  
26 (55.3%) exact matches, in which:  
23 unique CDR3  
9 unique J



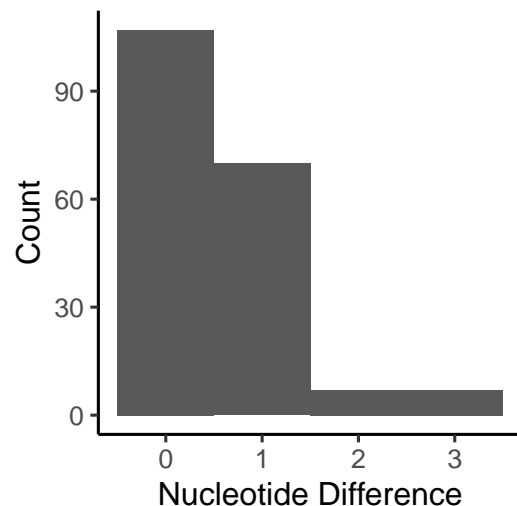
### TRBV12–34\*bp01

771 sequences assigned  
561 (72.8%) exact matches, in which:  
325 unique CDR3  
14 unique J



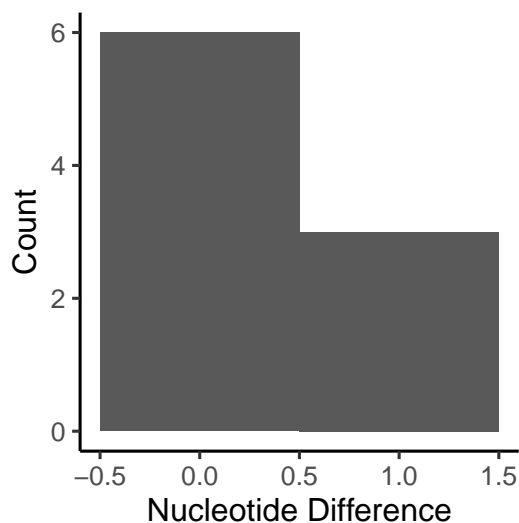
### TRBV24–1\*bp01

191 sequences assigned  
107 (56%) exact matches, in which:  
83 unique CDR3  
11 unique J



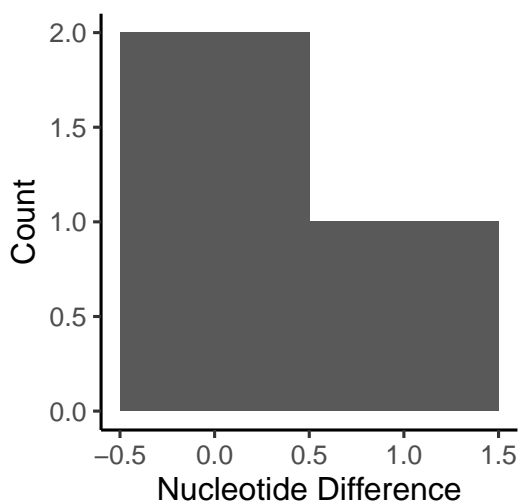
### TRBV11–3\*bp01

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



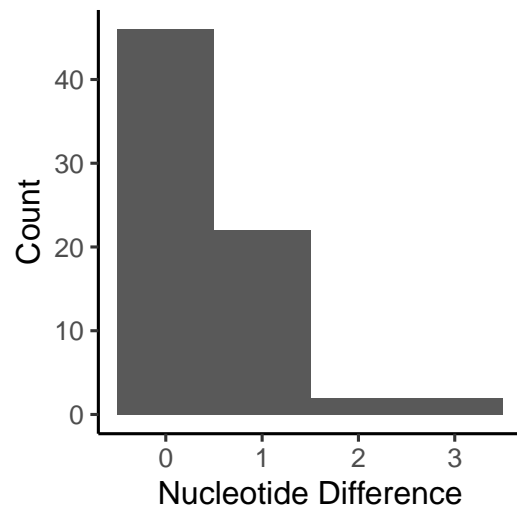
### TRBV23–1\*bp01

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



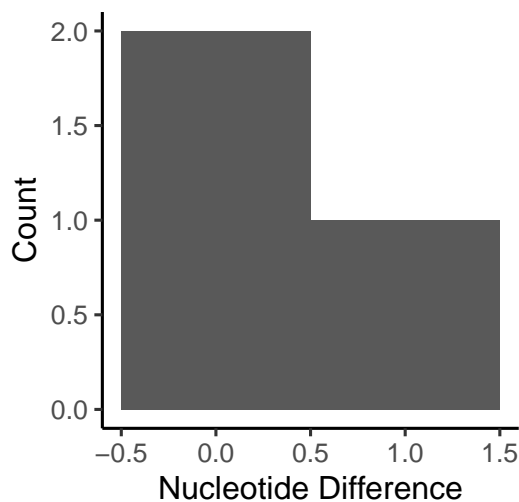
### TRBV4–2\*bp01

72 sequences assigned  
46 (63.9%) exact matches, in which:  
38 unique CDR3  
10 unique J



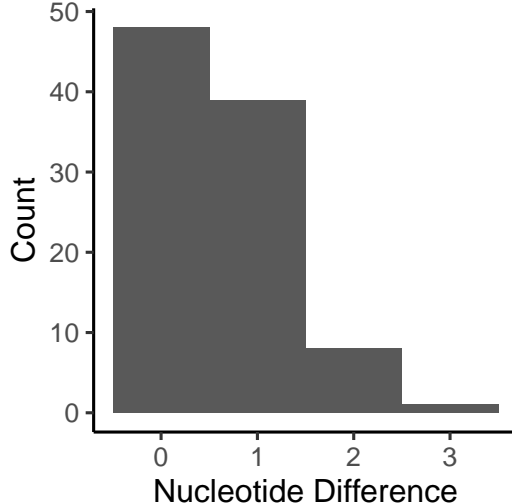
### TRBV12–5\*bp01

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



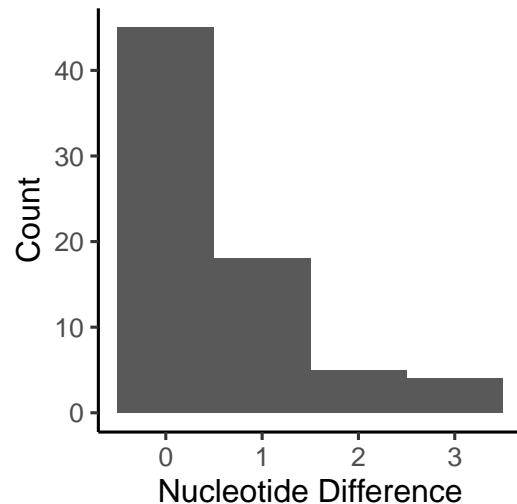
### TRBV4–1\*bp01

96 sequences assigned  
48 (50%) exact matches, in which:  
34 unique CDR3  
10 unique J



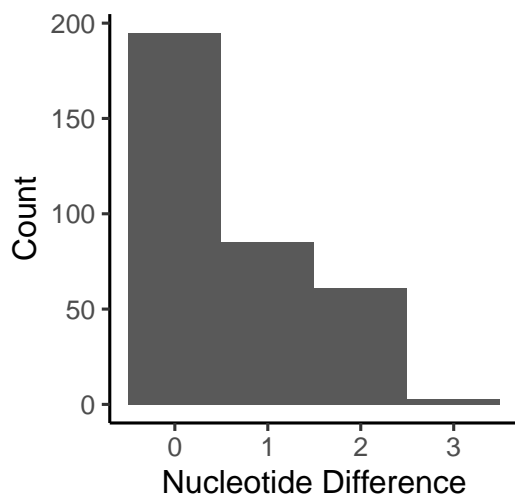
### TRBV4–3\*bp01

72 sequences assigned  
45 (62.5%) exact matches, in which:  
34 unique CDR3  
10 unique J



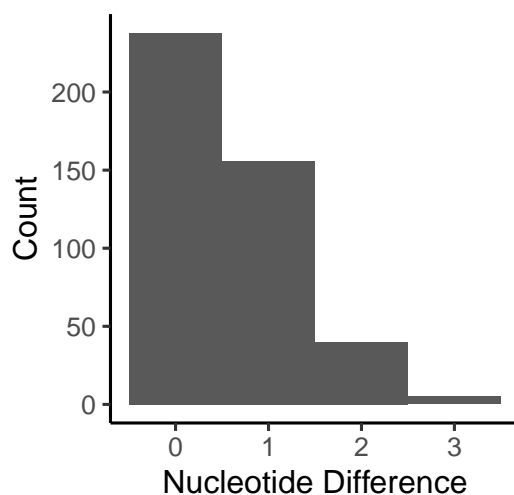
### TRBV5-1\*bp01

344 sequences assigned  
195 (56.7%) exact matches, in which:  
126 unique CDR3  
14 unique J



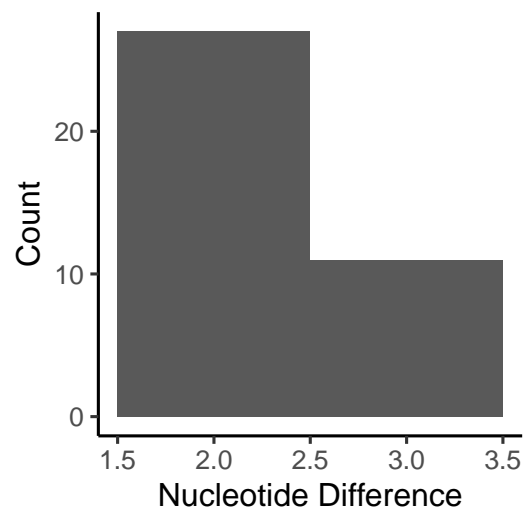
### TRBV5-4\*bp01

439 sequences assigned  
238 (54.2%) exact matches, in which:  
152 unique CDR3  
14 unique J



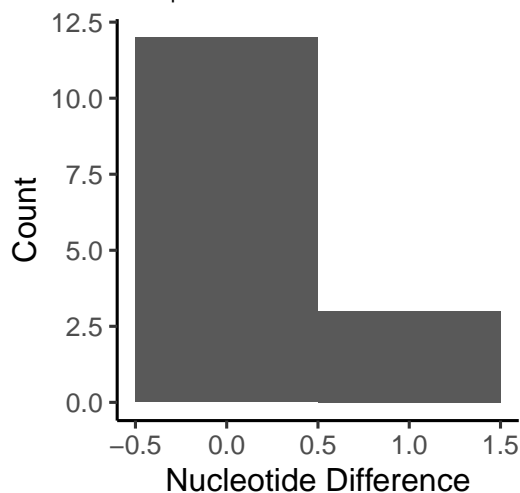
### TRBV5-7\*bp01

38 sequences assigned  
No exact matches.



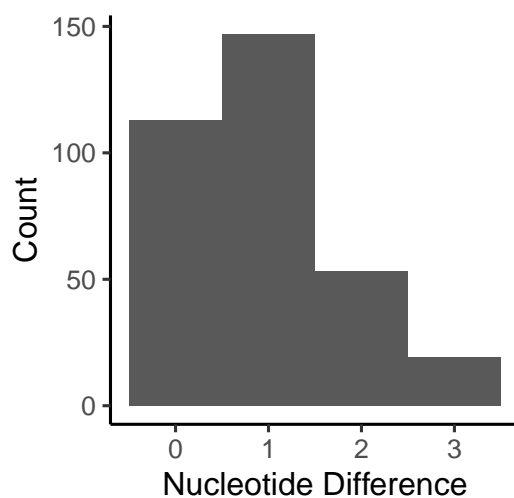
### TRBV25-1\*bp01

15 sequences assigned  
12 (80%) exact matches, in which:  
8 unique CDR3  
6 unique J



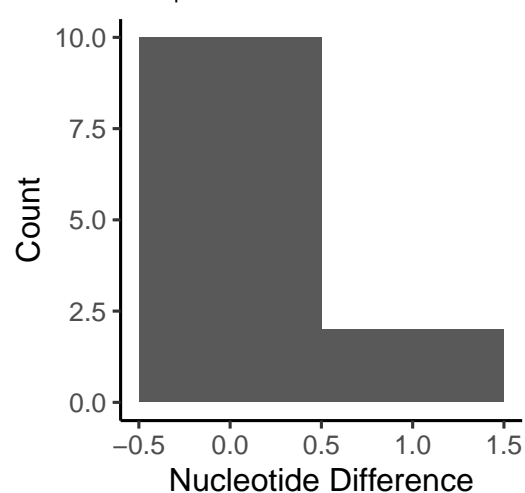
### TRBV5-5\*bp01

332 sequences assigned  
113 (34%) exact matches, in which:  
83 unique CDR3  
13 unique J



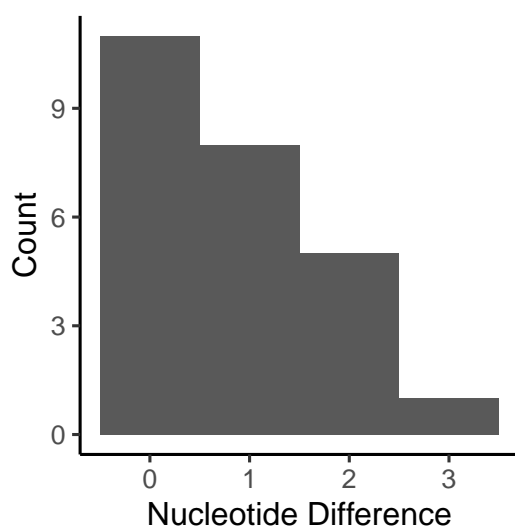
### TRBV5-8\*bp01

12 sequences assigned  
10 (83.3%) exact matches, in which:  
7 unique CDR3  
6 unique J



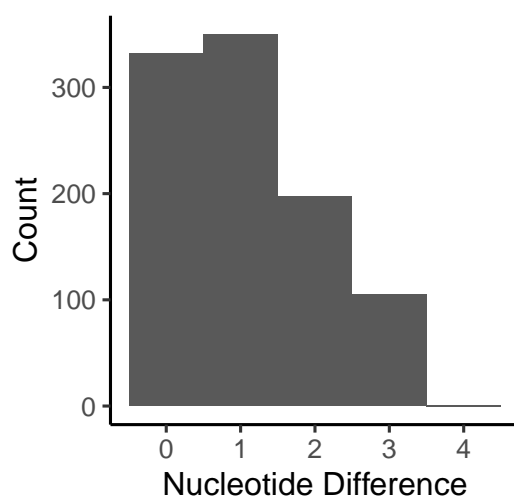
### TRBV5-3\*bp01

25 sequences assigned  
11 (44%) exact matches, in which:  
8 unique CDR3  
4 unique J



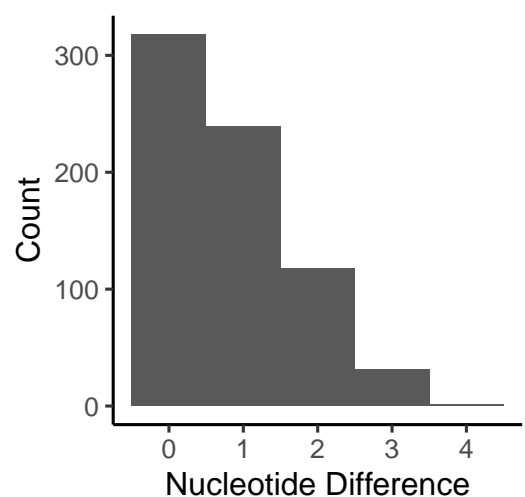
### TRBV5-6\*bp01

985 sequences assigned  
332 (33.7%) exact matches, in which:  
219 unique CDR3  
13 unique J



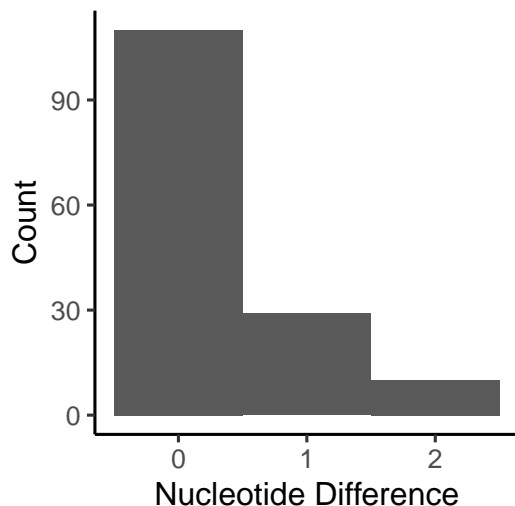
### TRBV6-1\*bp01

707 sequences assigned  
318 (45%) exact matches, in which:  
234 unique CDR3  
14 unique J



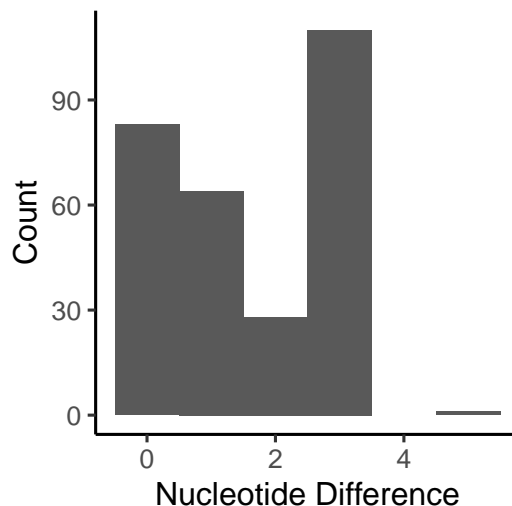
### TRBV6-4\*bp01

149 sequences assigned  
110 (73.8%) exact matches, in which:  
81 unique CDR3  
13 unique J



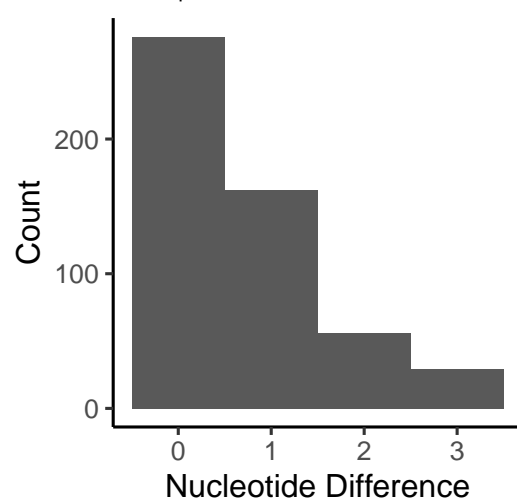
### TRBV6-6\*bp02

286 sequences assigned  
83 (29%) exact matches, in which:  
67 unique CDR3  
13 unique J



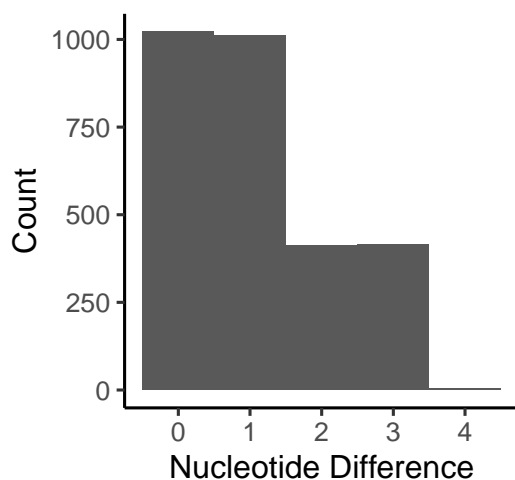
### TRBV7-2\*bp01

523 sequences assigned  
276 (52.8%) exact matches, in which:  
162 unique CDR3  
13 unique J



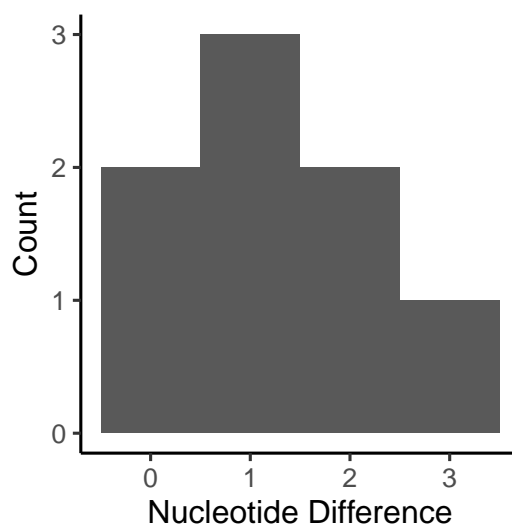
### TRBV6-5\*bp01

2867 sequences assigned  
1022 (35.6%) exact matches, in which:  
680 unique CDR3  
14 unique J



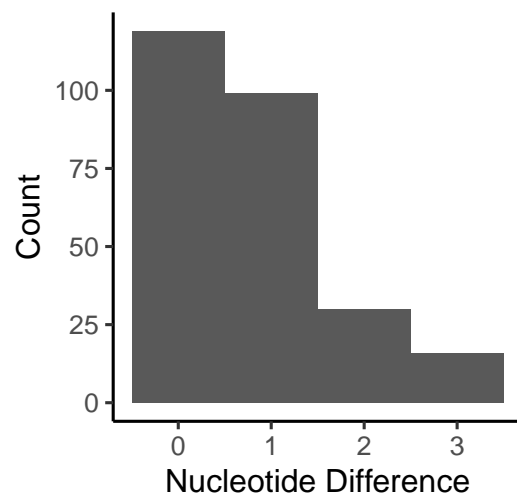
### TRBV6-8\*bp01

8 sequences assigned  
2 (25%) exact matches, in which:  
2 unique CDR3  
2 unique J



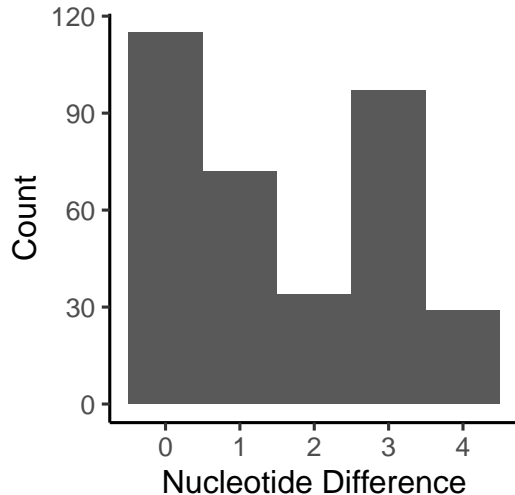
### TRBV7-2\*bp02

264 sequences assigned  
119 (45.1%) exact matches, in which:  
61 unique CDR3  
11 unique J



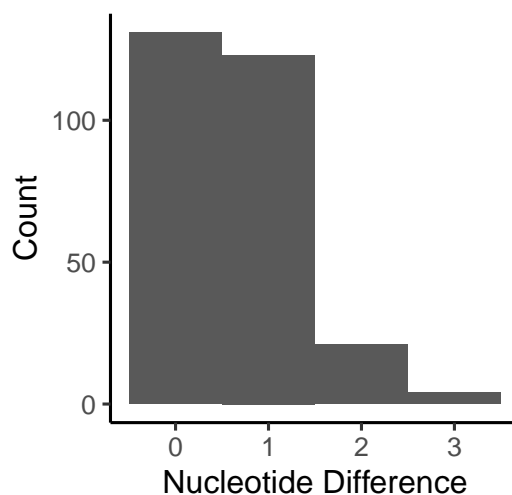
### TRBV6-6\*bp01

347 sequences assigned  
115 (33.1%) exact matches, in which:  
95 unique CDR3  
14 unique J



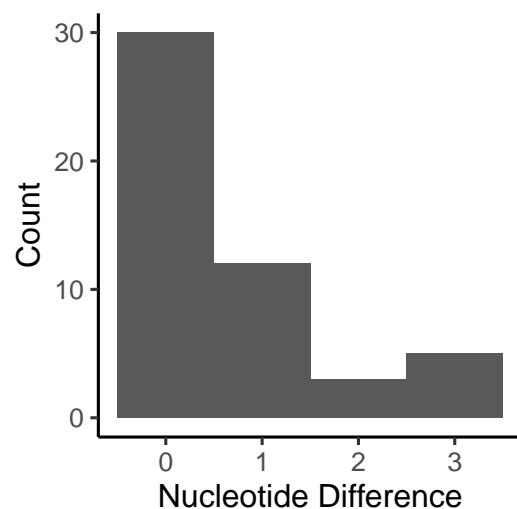
### TRBV6-23\*bp01

279 sequences assigned  
131 (47%) exact matches, in which:  
106 unique CDR3  
14 unique J



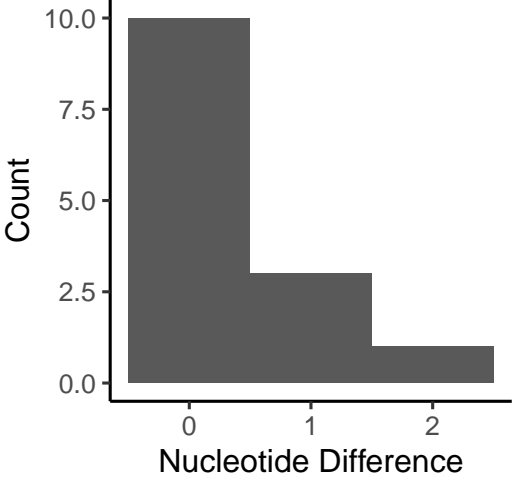
### TRBV7-3\*bp01

50 sequences assigned  
30 (60%) exact matches, in which:  
18 unique CDR3  
7 unique J



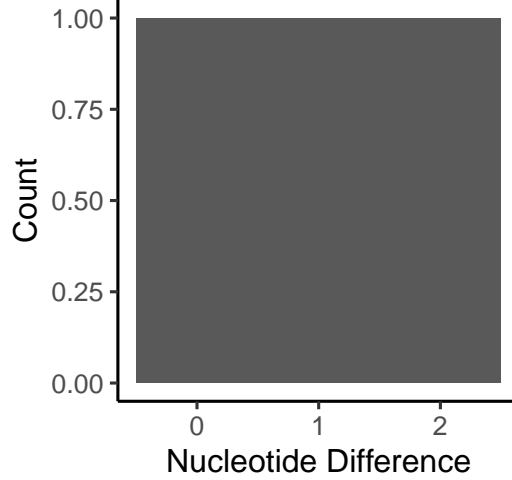
### TRBV7-3\*bp03

14 sequences assigned  
10 (71.4%) exact matches, in which:  
5 unique CDR3  
4 unique J



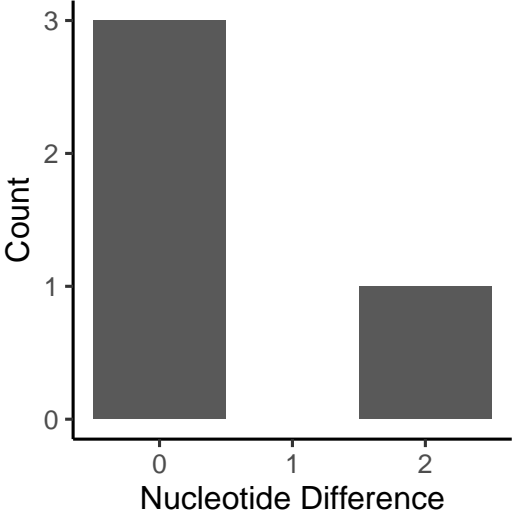
### TRBV7-7\*bp01

3 sequences assigned  
1 (33.3%) exact matches, in which:  
1 unique CDR3  
1 unique J



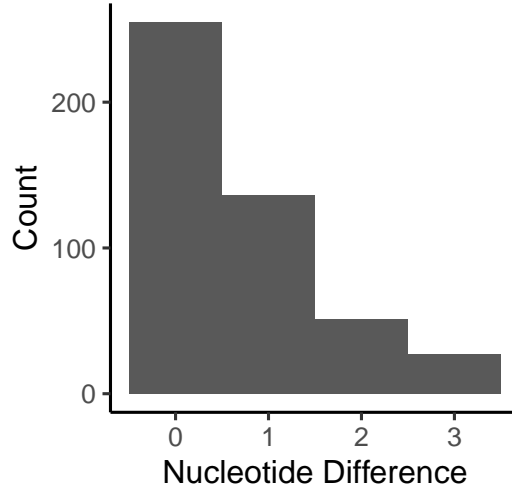
### TRBV7-4\*bp01

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



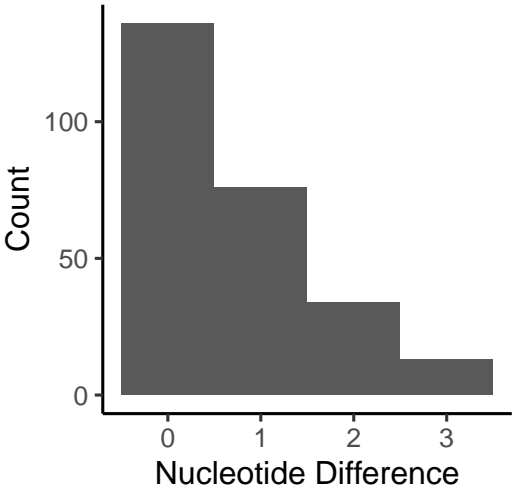
### TRBV7-9\*bp01

469 sequences assigned  
255 (54.4%) exact matches, in which:  
144 unique CDR3  
14 unique J



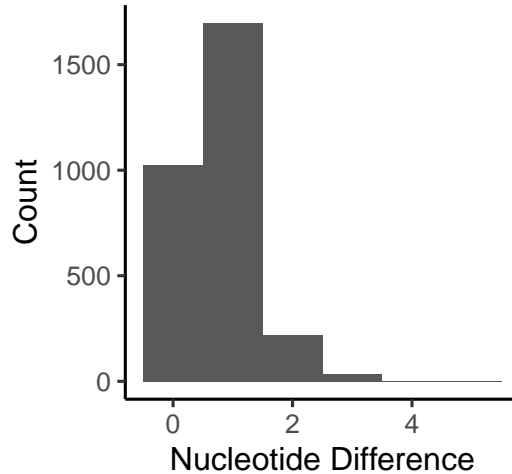
### TRBV7-6\*bp01

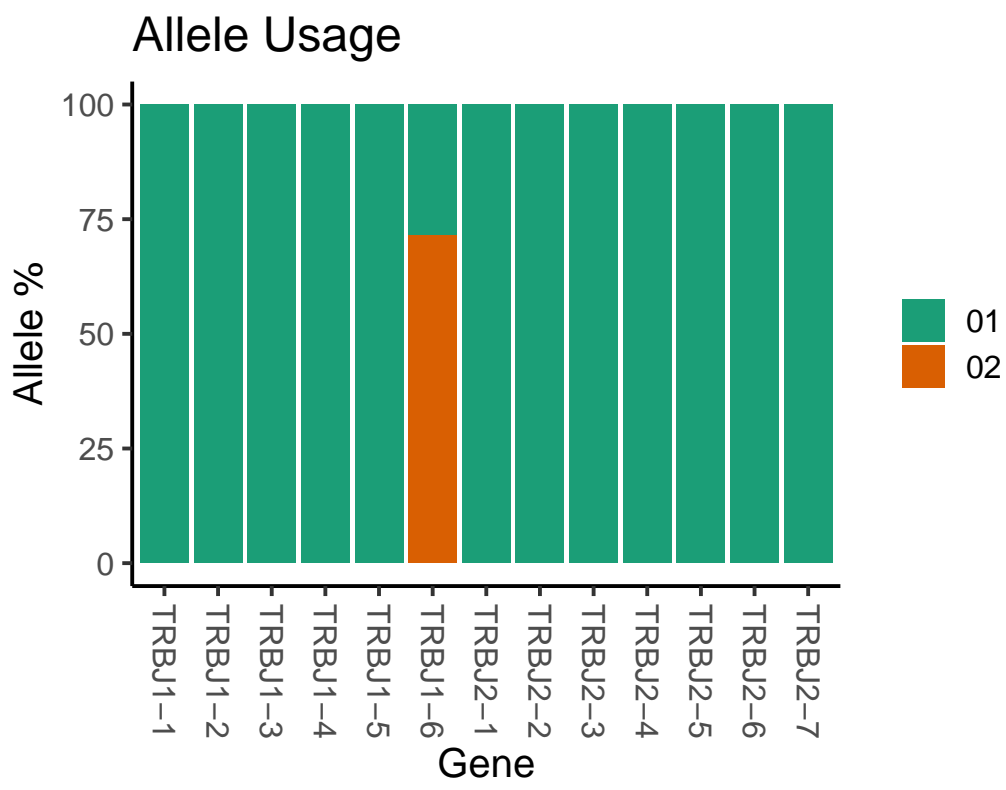
259 sequences assigned  
136 (52.5%) exact matches, in which:  
92 unique CDR3  
13 unique J



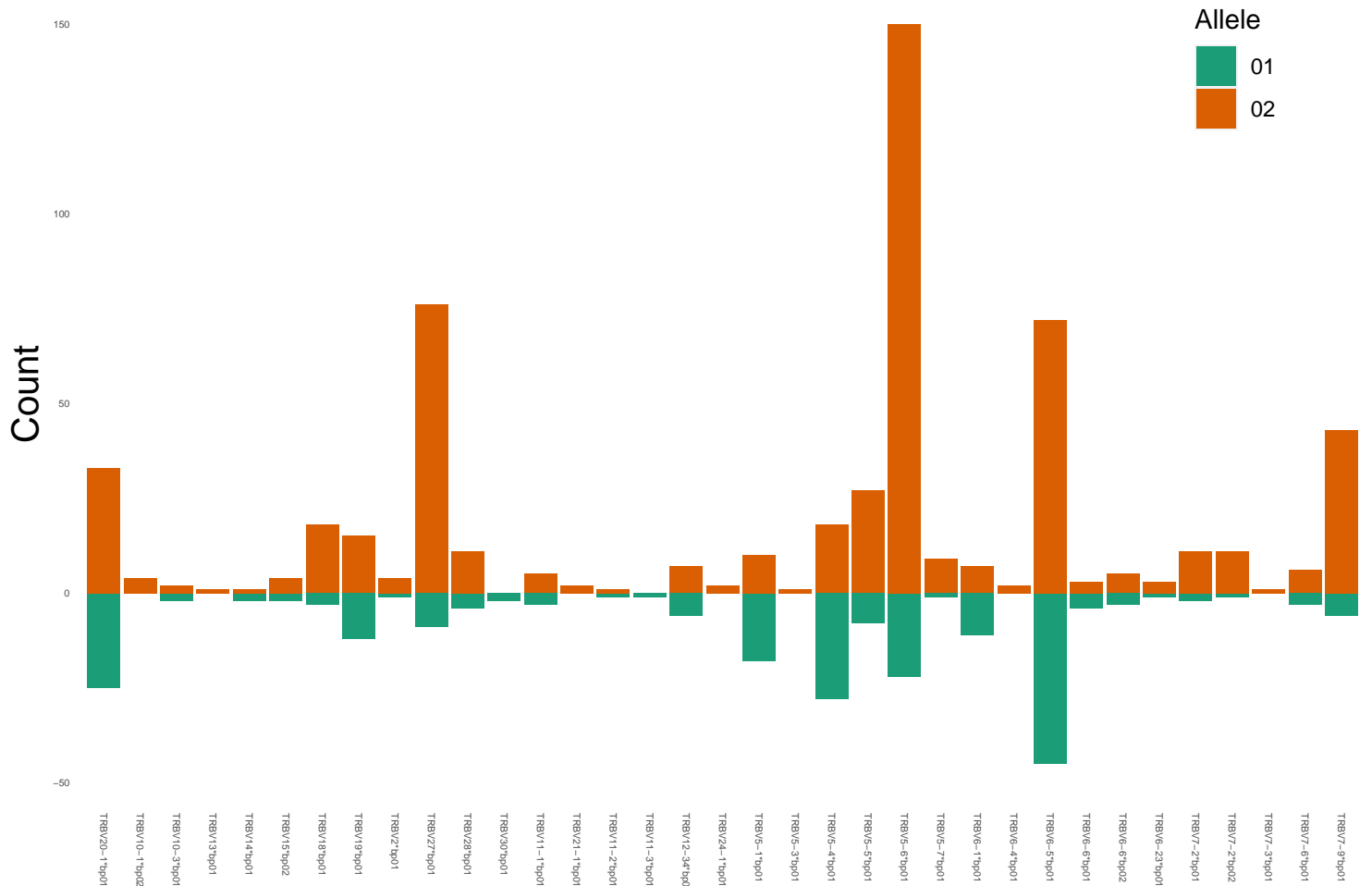
### TRBV29-1\*bp01

2979 sequences assigned  
1024 (34.4%) exact matches, in which:  
582 unique CDR3  
12 unique J





Sequence Count by TRBJ1–6 allele usage





[illegible]