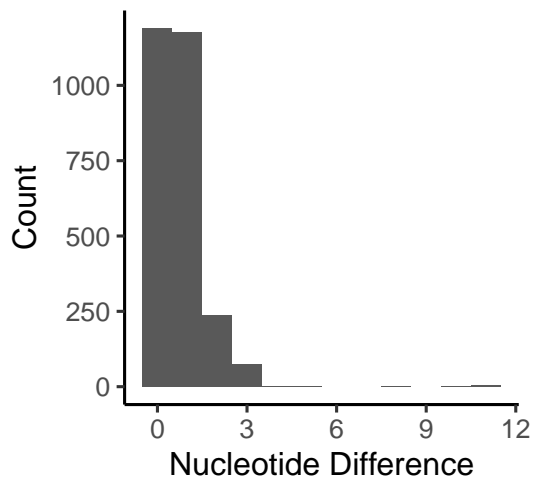


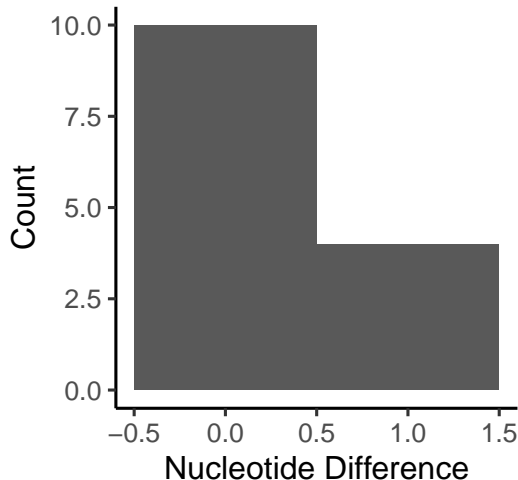
### TRBV20-1\*bp01

2689 sequences assigned  
1189 (44.2%) exact matches, in which:  
546 unique CDR3  
14 unique J



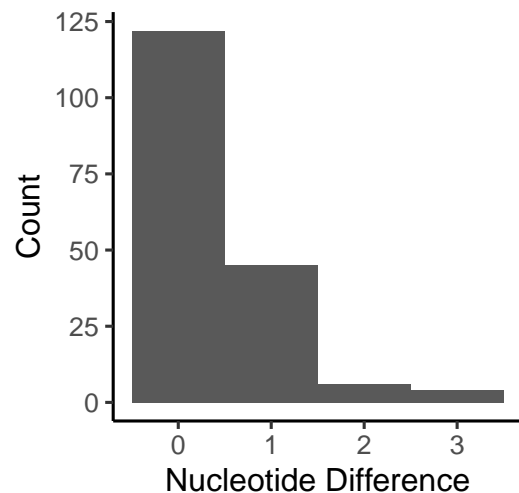
### TRBV10-2\*bp01

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



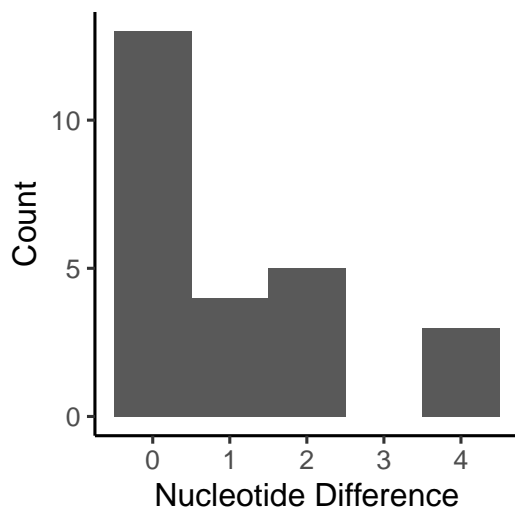
### TRBV13\*bp01

177 sequences assigned  
122 (68.9%) exact matches, in which:  
91 unique CDR3  
13 unique J



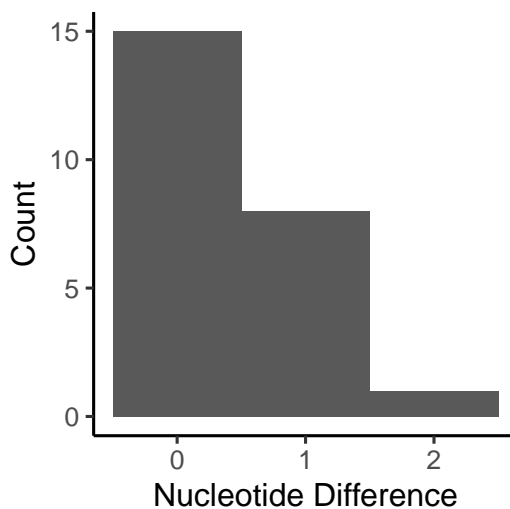
### TRBV10-1\*bp01

25 sequences assigned  
13 (52%) exact matches, in which:  
10 unique CDR3  
6 unique J



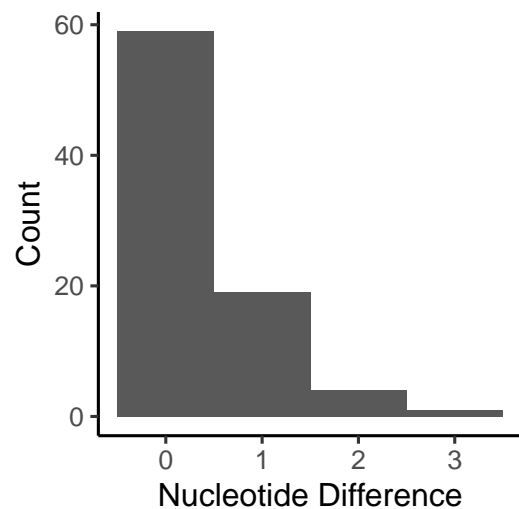
### TRBV10-2\*bp02

24 sequences assigned  
15 (62.5%) exact matches, in which:  
10 unique CDR3  
6 unique J



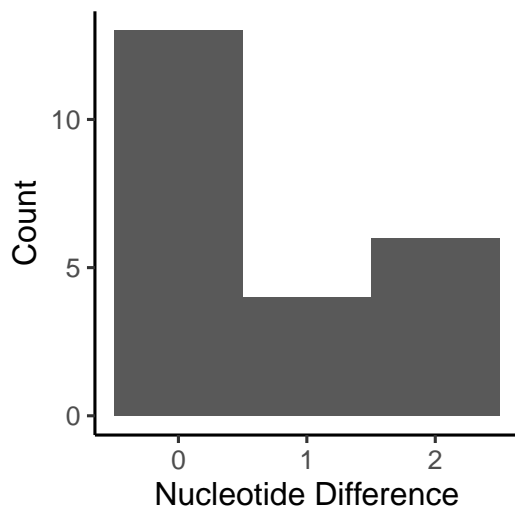
### TRBV14\*bp01

83 sequences assigned  
59 (71.1%) exact matches, in which:  
46 unique CDR3  
11 unique J



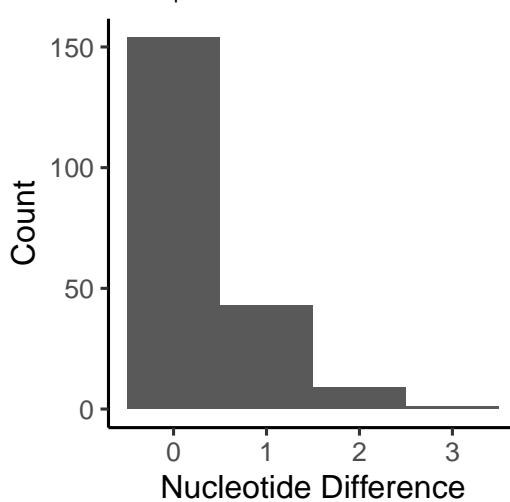
### TRBV10-1\*bp02

23 sequences assigned  
13 (56.5%) exact matches, in which:  
12 unique CDR3  
8 unique J



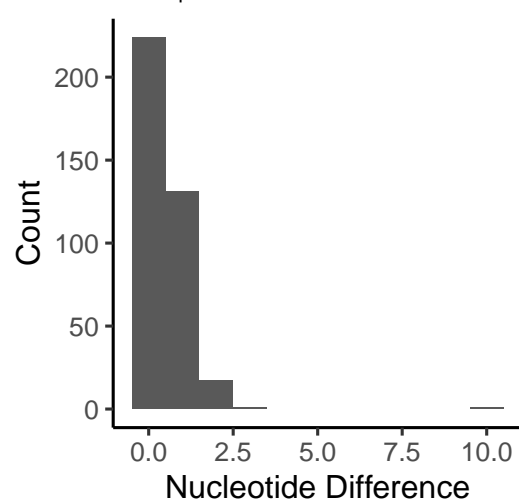
### TRBV10-3\*bp01

207 sequences assigned  
154 (74.4%) exact matches, in which:  
107 unique CDR3  
14 unique J



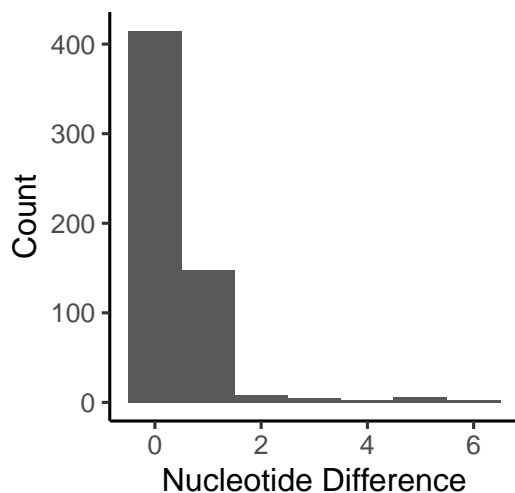
### TRBV15\*bp02

374 sequences assigned  
224 (59.9%) exact matches, in which:  
98 unique CDR3  
14 unique J



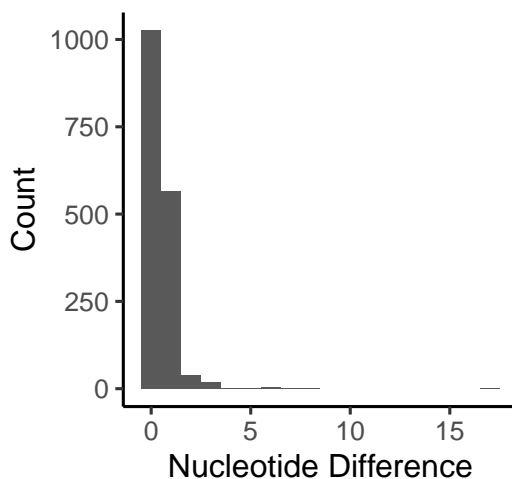
### TRBV18\*bp01

588 sequences assigned  
415 (70.6%) exact matches, in which:  
181 unique CDR3  
13 unique J



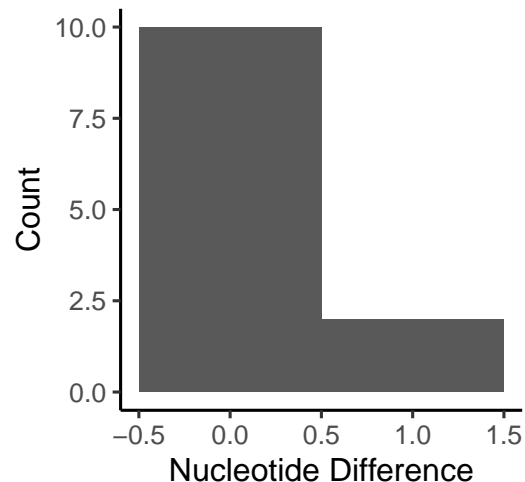
### TRBV27\*bp01

1658 sequences assigned  
1026 (61.9%) exact matches, in which:  
639 unique CDR3  
14 unique J



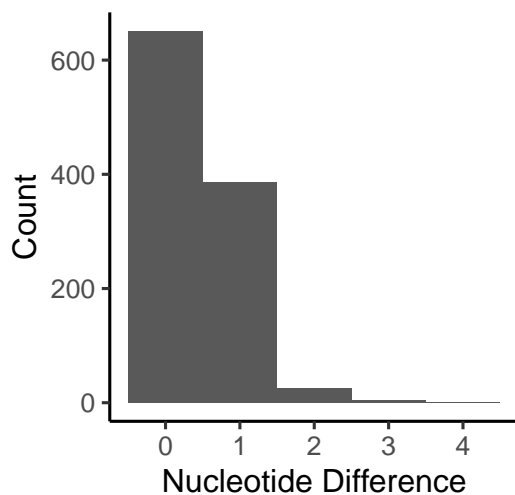
### TRBV9\*bp01

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



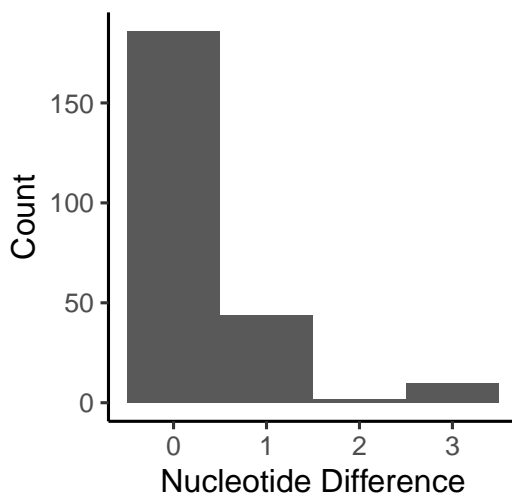
### TRBV19\*bp01

1067 sequences assigned  
651 (61%) exact matches, in which:  
350 unique CDR3  
13 unique J



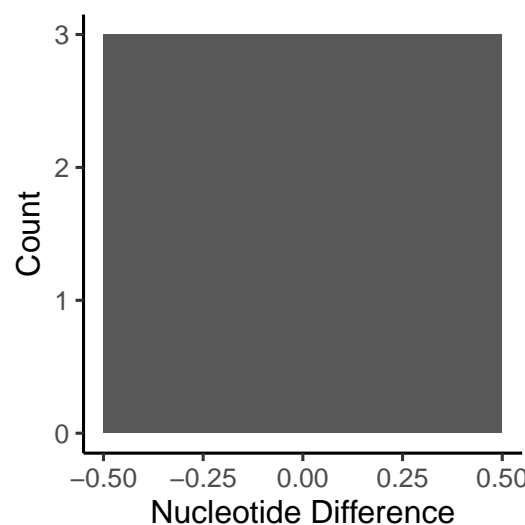
### TRBV28\*bp01

242 sequences assigned  
186 (76.9%) exact matches, in which:  
142 unique CDR3  
14 unique J



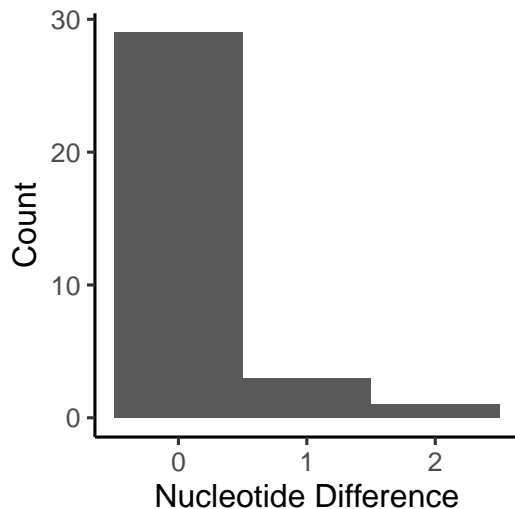
### TRBV9\*bp02

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



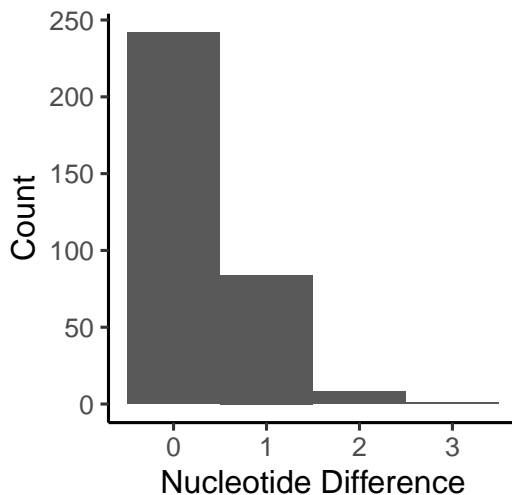
### TRBV2\*bp01

33 sequences assigned  
29 (87.9%) exact matches, in which:  
26 unique CDR3  
11 unique J



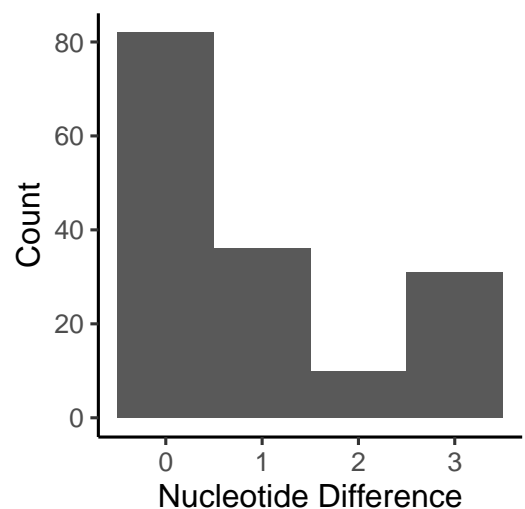
### TRBV30\*bp01

335 sequences assigned  
242 (72.2%) exact matches, in which:  
85 unique CDR3  
13 unique J



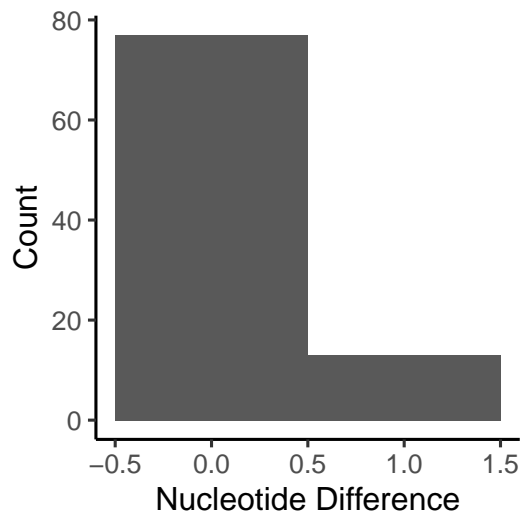
### TRBV11-1\*bp01

159 sequences assigned  
82 (51.6%) exact matches, in which:  
57 unique CDR3  
13 unique J



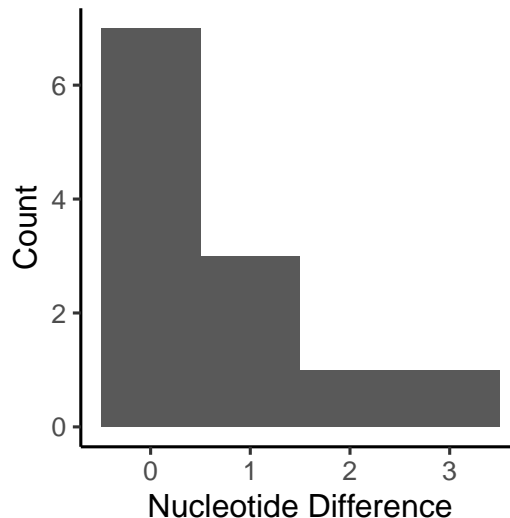
### TRBV21-1\*bp01

90 sequences assigned  
77 (85.6%) exact matches, in which:  
53 unique CDR3  
11 unique J



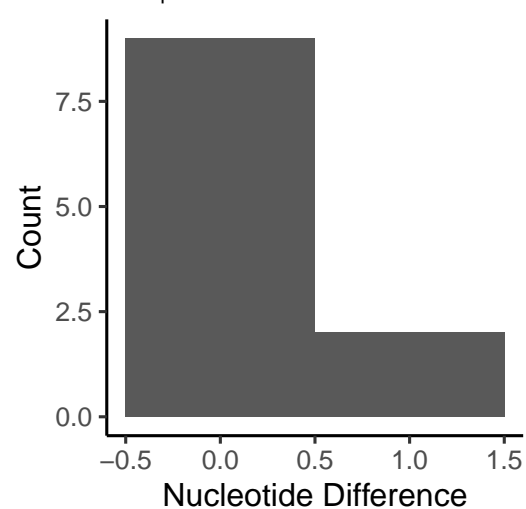
### TRBV11-3\*bp01

12 sequences assigned  
7 (58.3%) exact matches, in which:  
7 unique CDR3  
6 unique J



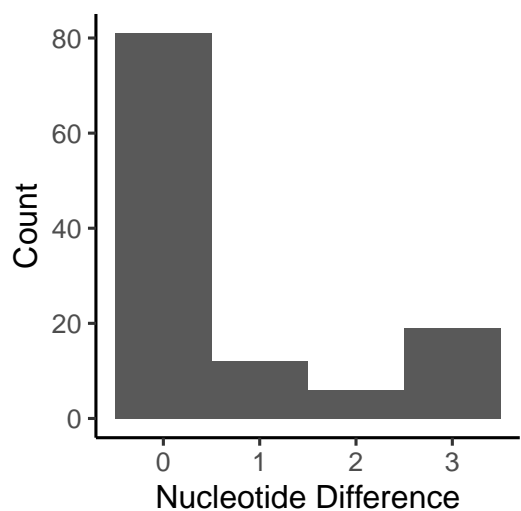
### TRBV23-1\*bp01

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



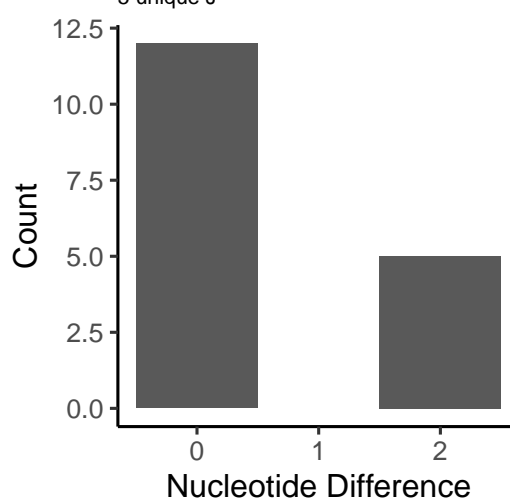
### TRBV11-2\*bp01

118 sequences assigned  
81 (68.6%) exact matches, in which:  
59 unique CDR3  
12 unique J



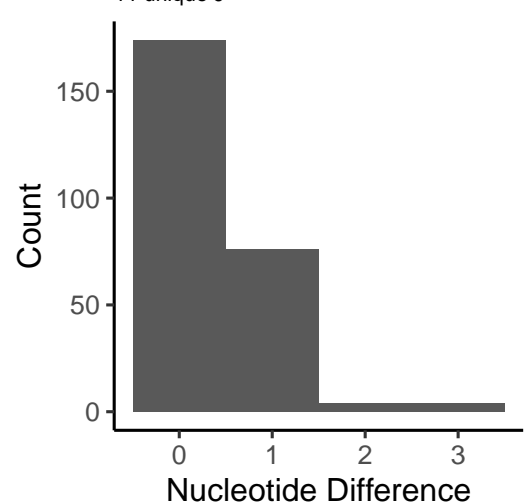
### TRBV12-5\*bp01

17 sequences assigned  
12 (70.6%) exact matches, in which:  
9 unique CDR3  
5 unique J



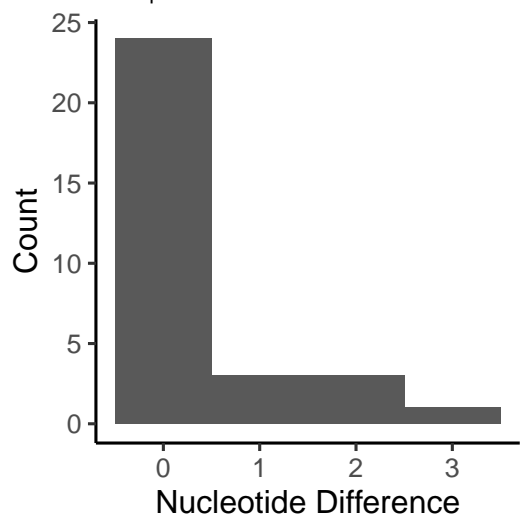
### TRBV24-1\*bp01

258 sequences assigned  
174 (67.4%) exact matches, in which:  
111 unique CDR3  
11 unique J



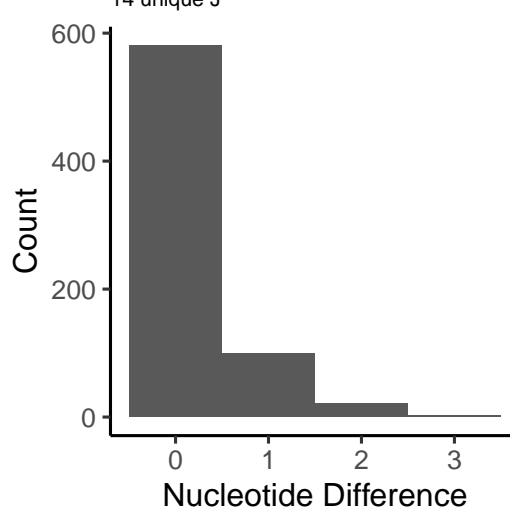
### TRBV11-2\*bp03

31 sequences assigned  
24 (77.4%) exact matches, in which:  
22 unique CDR3  
9 unique J



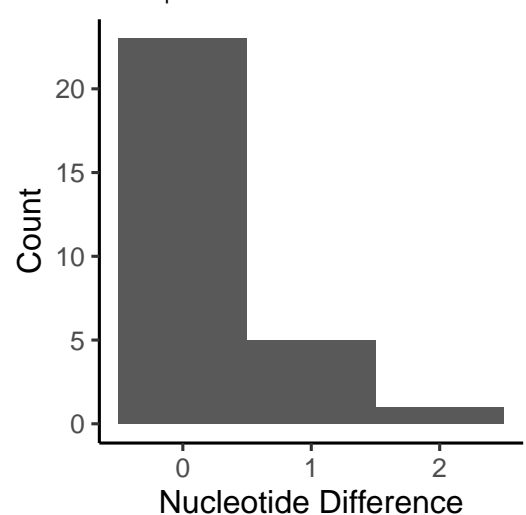
### TRBV12-34\*bp01

705 sequences assigned  
581 (82.4%) exact matches, in which:  
282 unique CDR3  
14 unique J



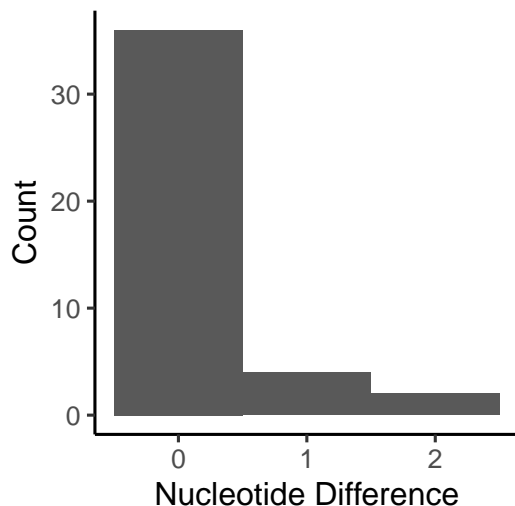
### TRBV4-1\*bp01

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



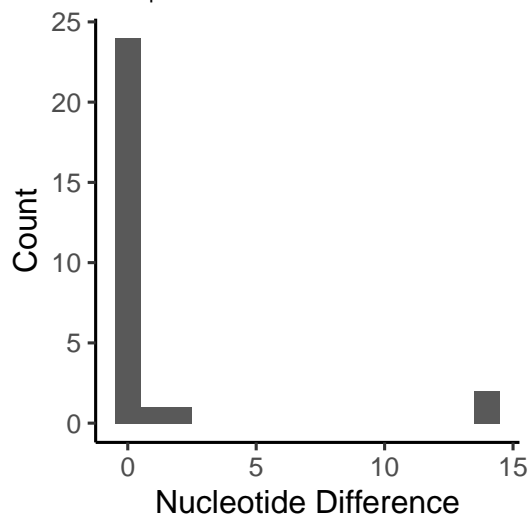
### TRBV4-2\*bp01

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



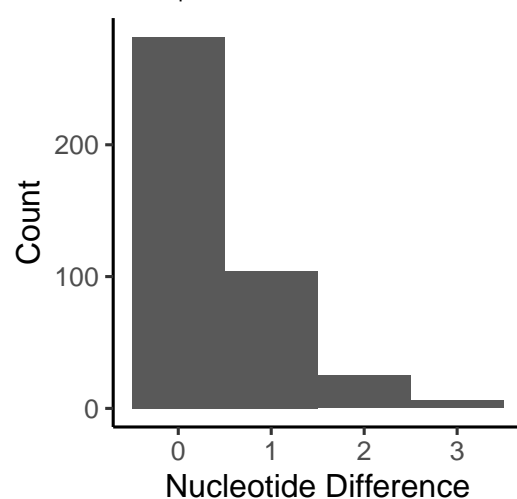
### TRBV25-1\*bp01

28 sequences assigned  
24 (85.7%) exact matches, in which:  
17 unique CDR3  
7 unique J



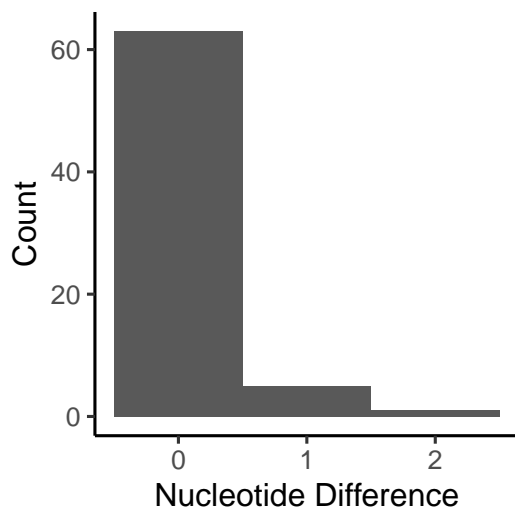
### TRBV5-4\*bp01

417 sequences assigned  
282 (67.6%) exact matches, in which:  
163 unique CDR3  
13 unique J



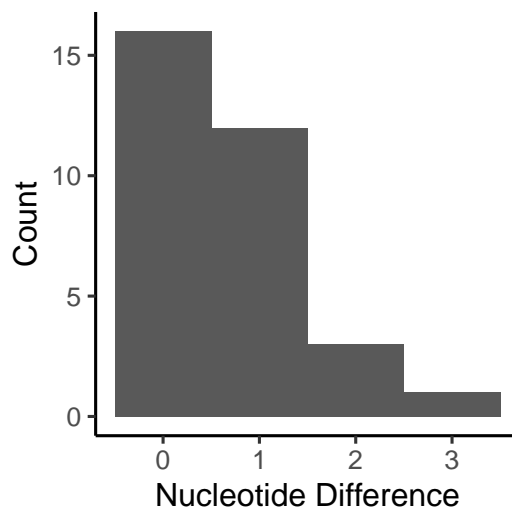
### TRBV4-3\*bp01

69 sequences assigned  
63 (91.3%) exact matches, in which:  
52 unique CDR3  
11 unique J



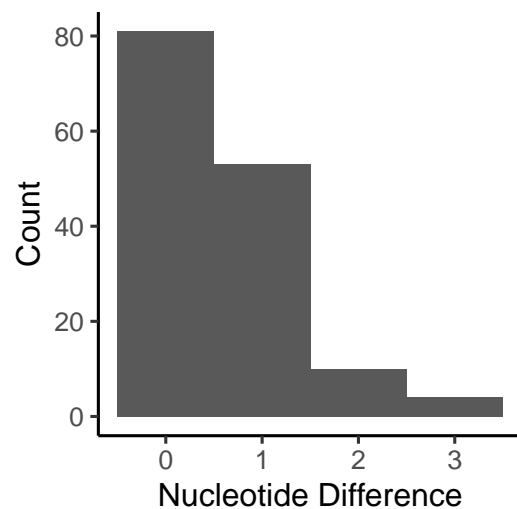
### TRBV5-3\*bp01

32 sequences assigned  
16 (50%) exact matches, in which:  
10 unique CDR3  
5 unique J



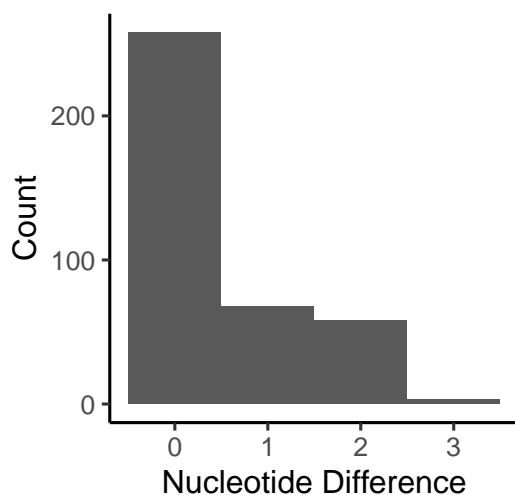
### TRBV5-5\*bp01

148 sequences assigned  
81 (54.7%) exact matches, in which:  
59 unique CDR3  
12 unique J



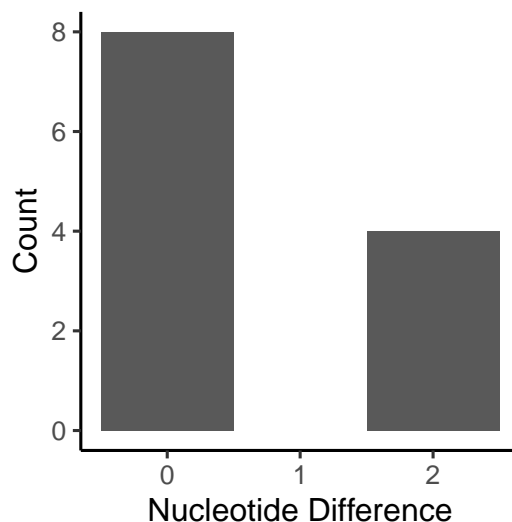
### TRBV5-1\*bp01

387 sequences assigned  
258 (66.7%) exact matches, in which:  
138 unique CDR3  
14 unique J



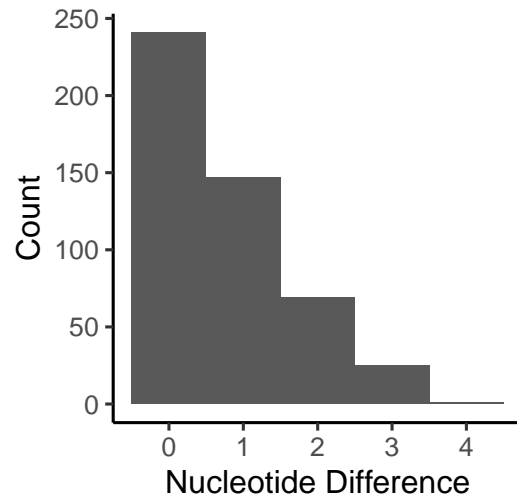
### TRBV5-3\*bp02

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



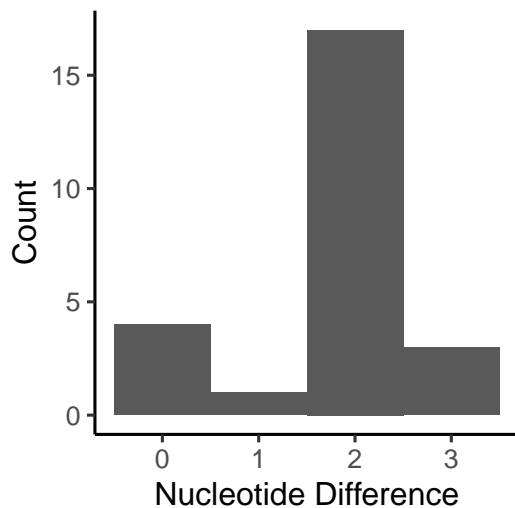
### TRBV5-6\*bp01

483 sequences assigned  
241 (49.9%) exact matches, in which:  
146 unique CDR3  
14 unique J



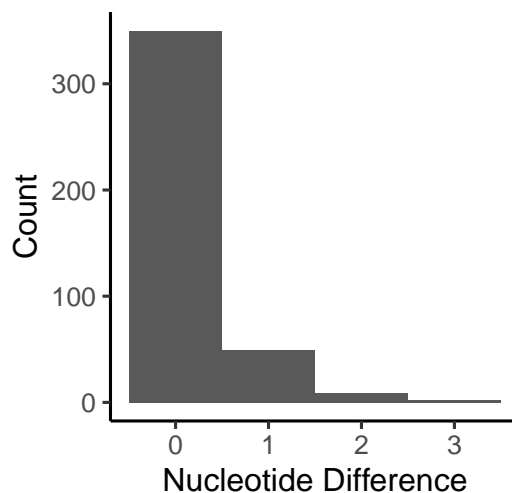
### TRBV5-7\*bp01

25 sequences assigned  
4 (16%) exact matches, in which:  
2 unique CDR3  
2 unique J



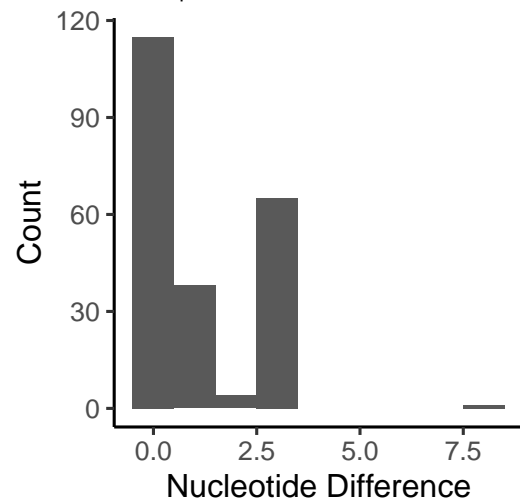
### TRBV6-4\*bp01

410 sequences assigned  
350 (85.4%) exact matches, in which:  
223 unique CDR3  
14 unique J



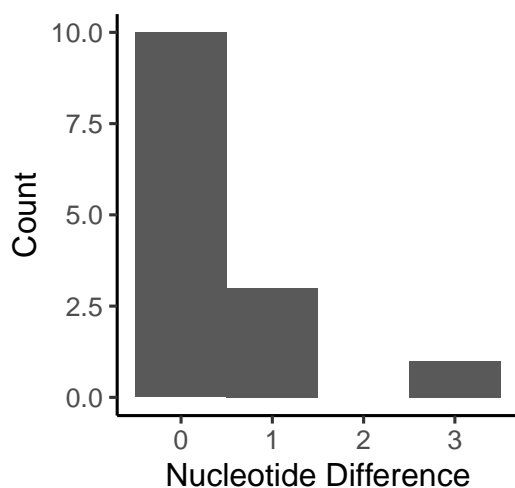
### TRBV6-6\*bp02

223 sequences assigned  
115 (51.6%) exact matches, in which:  
99 unique CDR3  
13 unique J



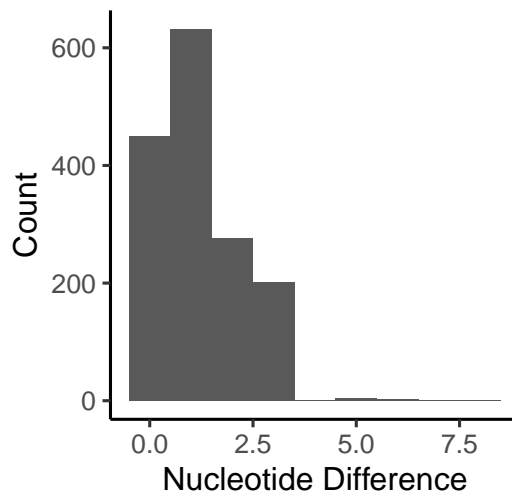
### TRBV5-8\*bp01

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



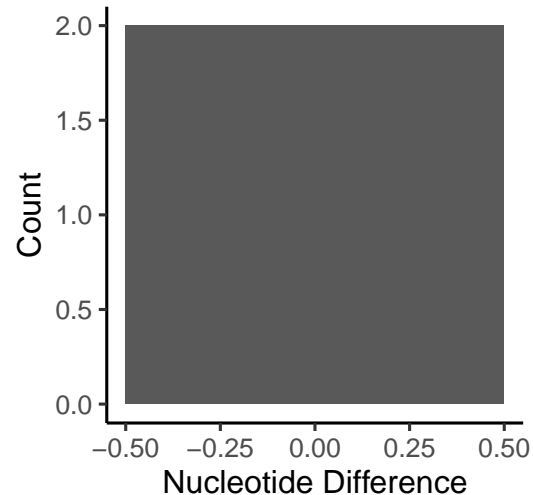
### TRBV6-5\*bp01

1568 sequences assigned  
449 (28.6%) exact matches, in which:  
343 unique CDR3  
14 unique J



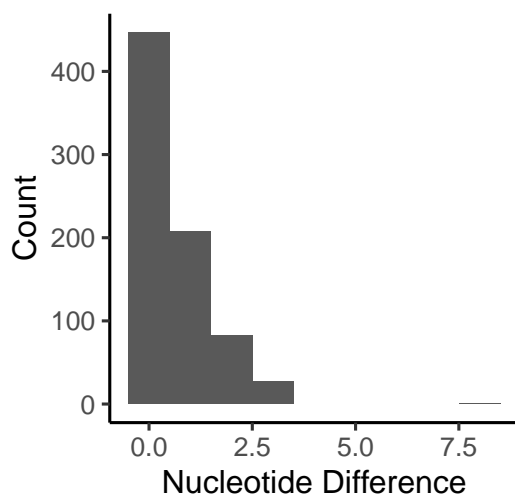
### TRBV6-7\*bp01

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



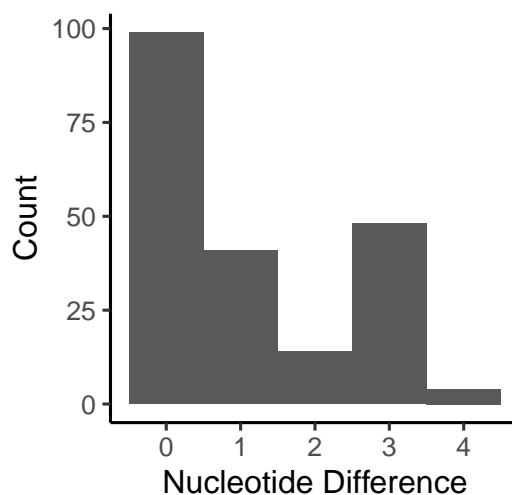
### TRBV6-1\*bp01

764 sequences assigned  
447 (58.5%) exact matches, in which:  
323 unique CDR3  
14 unique J



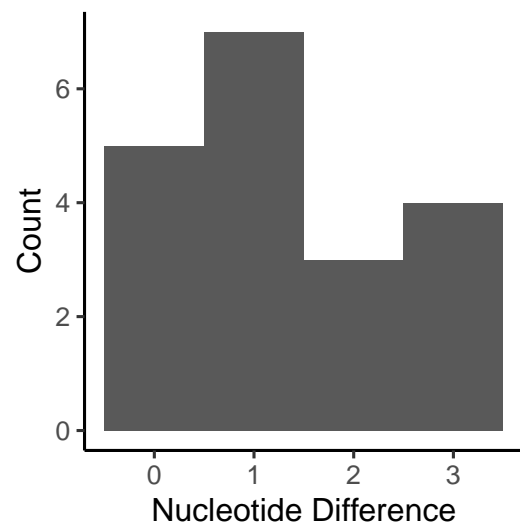
### TRBV6-6\*bp01

206 sequences assigned  
99 (48.1%) exact matches, in which:  
84 unique CDR3  
12 unique J



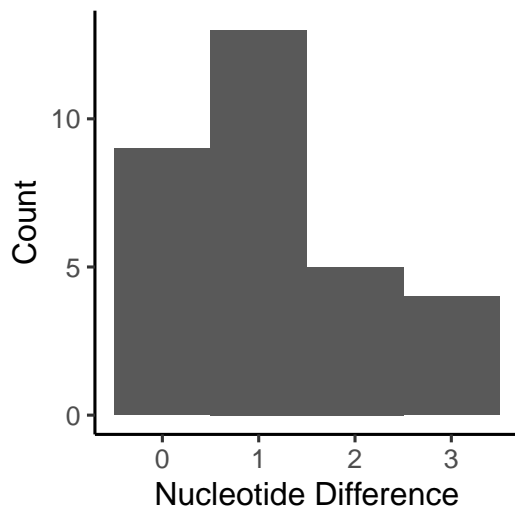
### TRBV6-8\*bp01

19 sequences assigned  
5 (26.3%) exact matches, in which:  
3 unique CDR3  
3 unique J



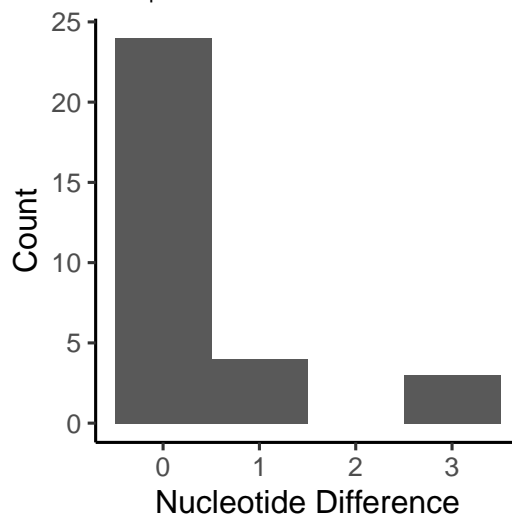
### TRBV6-9\*bp01

31 sequences assigned  
9 (29%) exact matches, in which:  
5 unique CDR3  
4 unique J



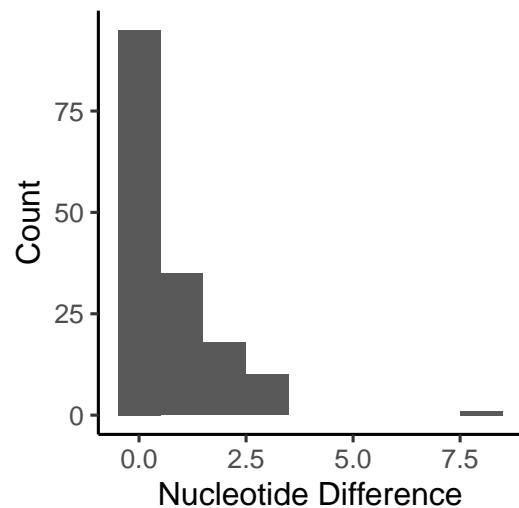
### TRBV7-3\*bp01

31 sequences assigned  
24 (77.4%) exact matches, in which:  
18 unique CDR3  
5 unique J



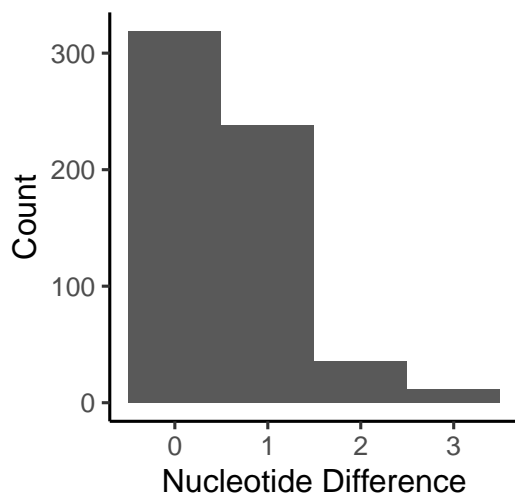
### TRBV7-6\*bp01

159 sequences assigned  
95 (59.7%) exact matches, in which:  
56 unique CDR3  
10 unique J



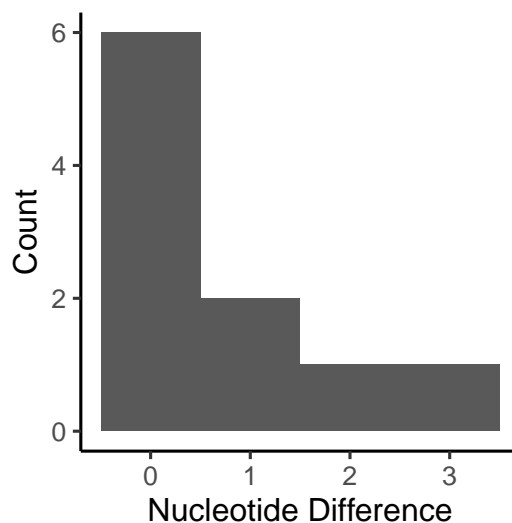
### TRBV6-23\*bp01

605 sequences assigned  
319 (52.7%) exact matches, in which:  
242 unique CDR3  
14 unique J



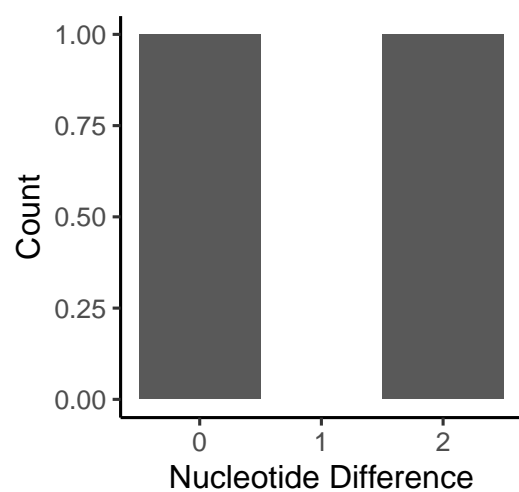
### TRBV7-3\*bp03

10 sequences assigned  
6 (60%) exact matches, in which:  
5 unique CDR3  
3 unique J



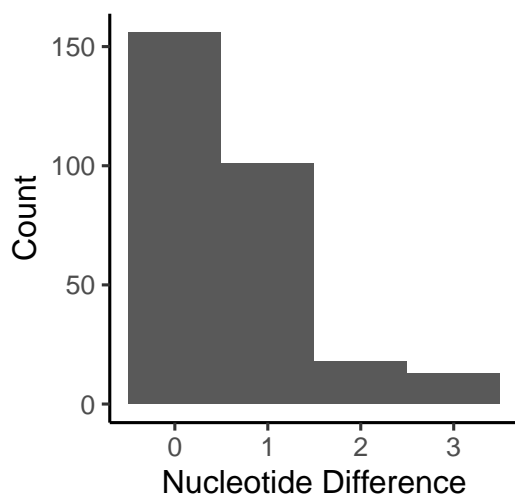
### TRBV7-7\*bp01

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



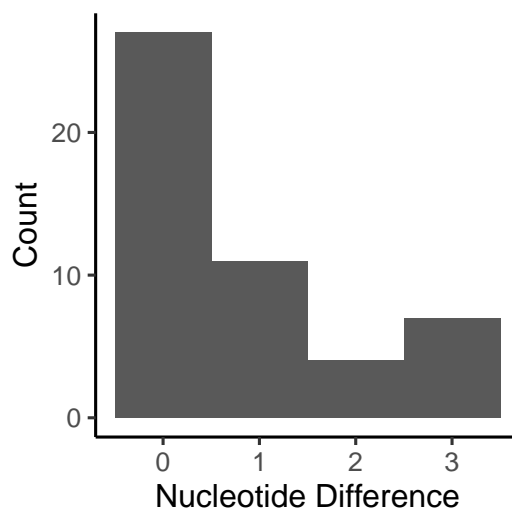
### TRBV7-2\*bp01

288 sequences assigned  
156 (54.2%) exact matches, in which:  
99 unique CDR3  
14 unique J



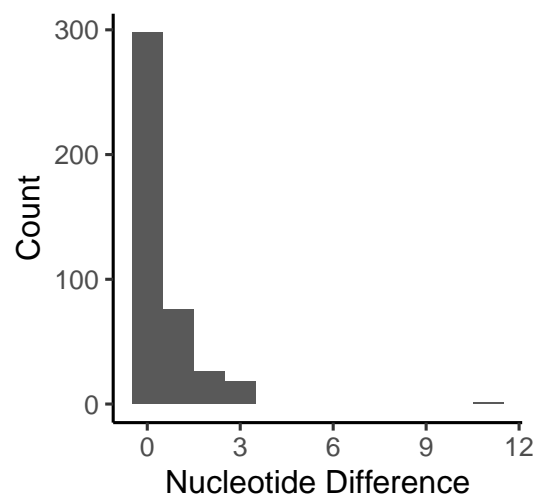
### TRBV7-4\*bp01

49 sequences assigned  
27 (55.1%) exact matches, in which:  
15 unique CDR3  
4 unique J



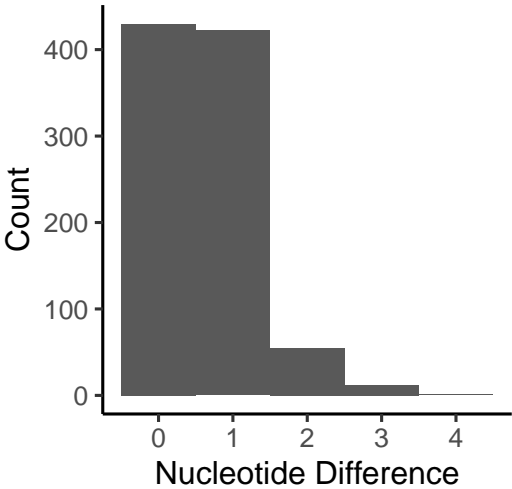
### TRBV7-9\*bp01

419 sequences assigned  
298 (71.1%) exact matches, in which:  
176 unique CDR3  
13 unique J



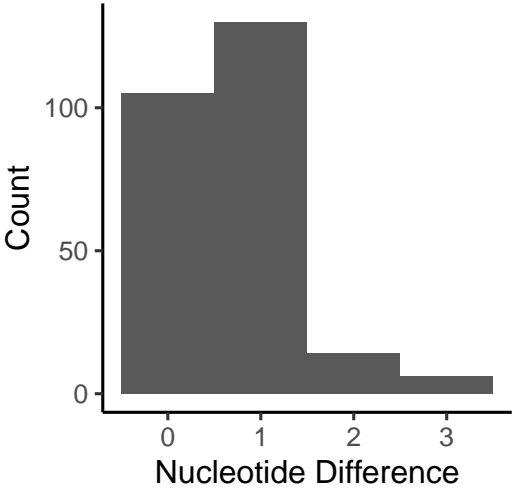
# TRBV29-1\*bp01

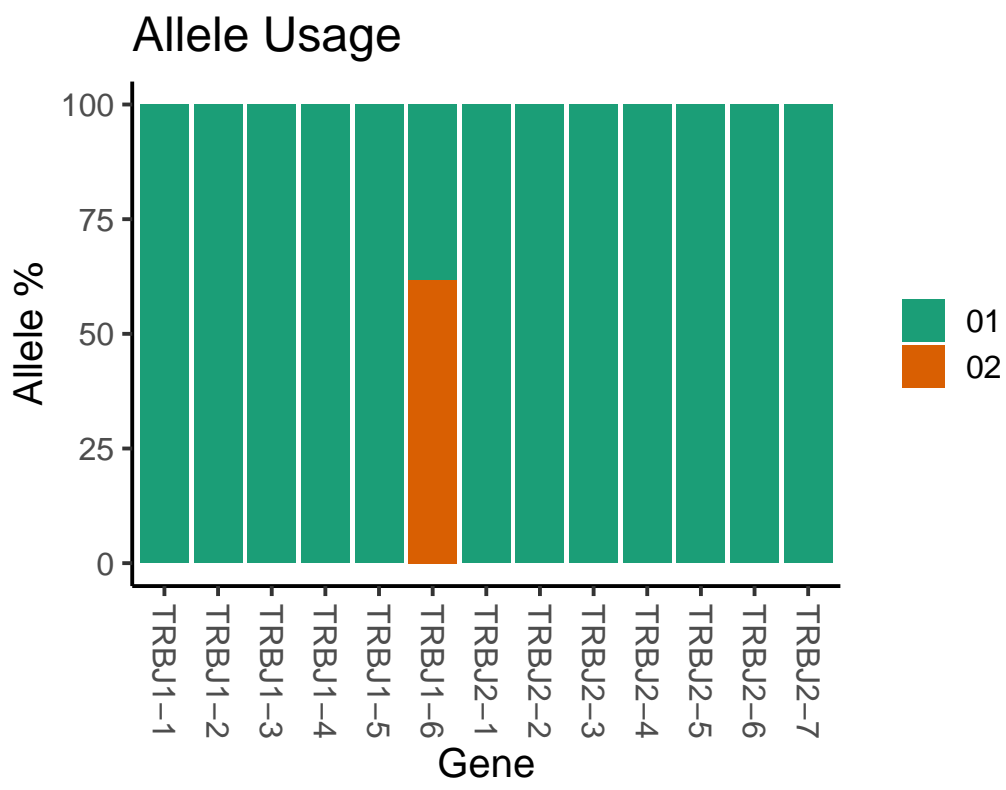
920 sequences assigned  
430 (46.7%) exact matches, in which:  
232 unique CDR3  
12 unique J



# TRBV29-1\*bp03

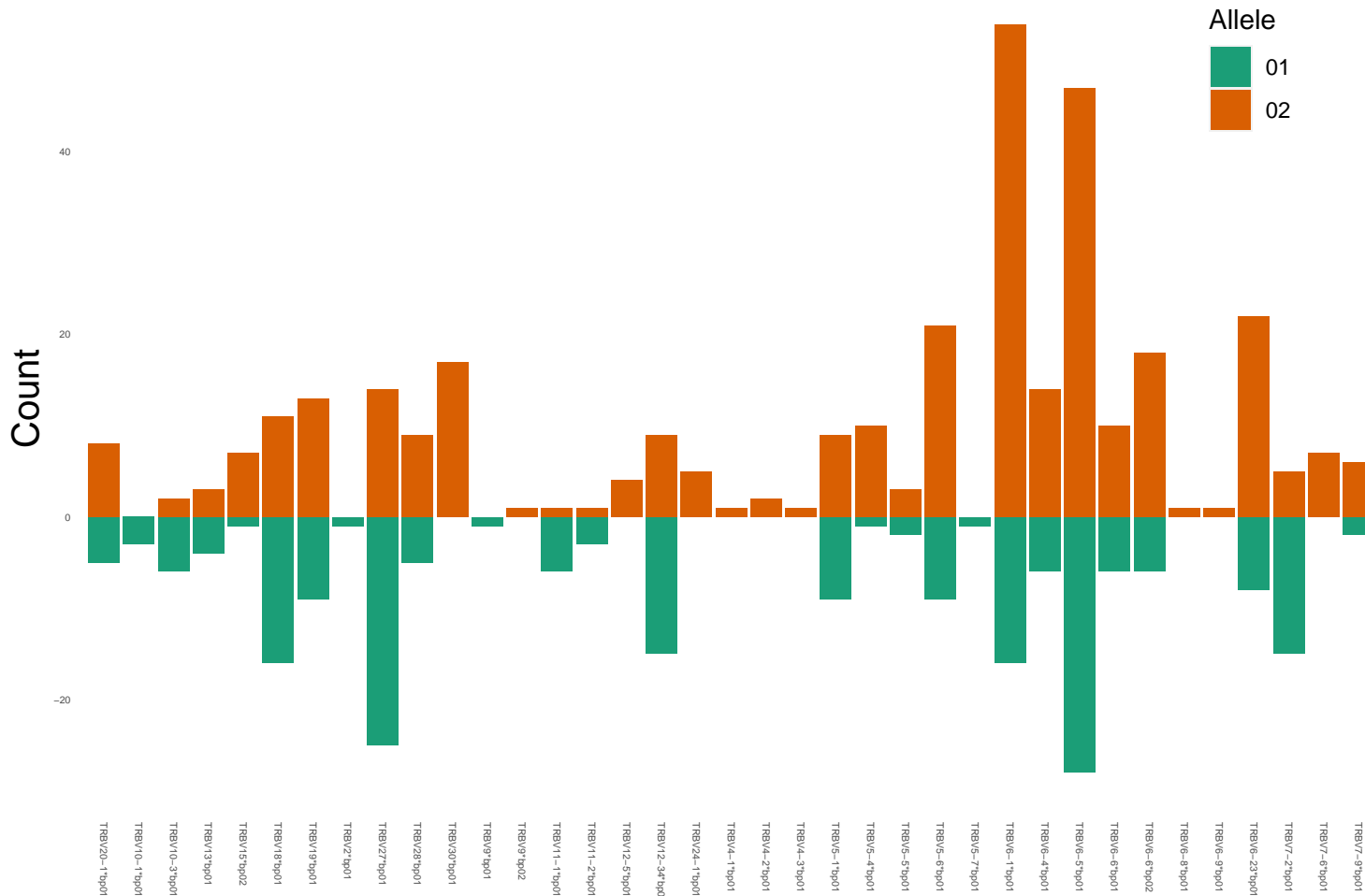
255 sequences assigned  
105 (41.2%) exact matches, in which:  
60 unique CDR3  
10 unique J







Sequence Count by TRBJ1–6 allele usage



[illegible]