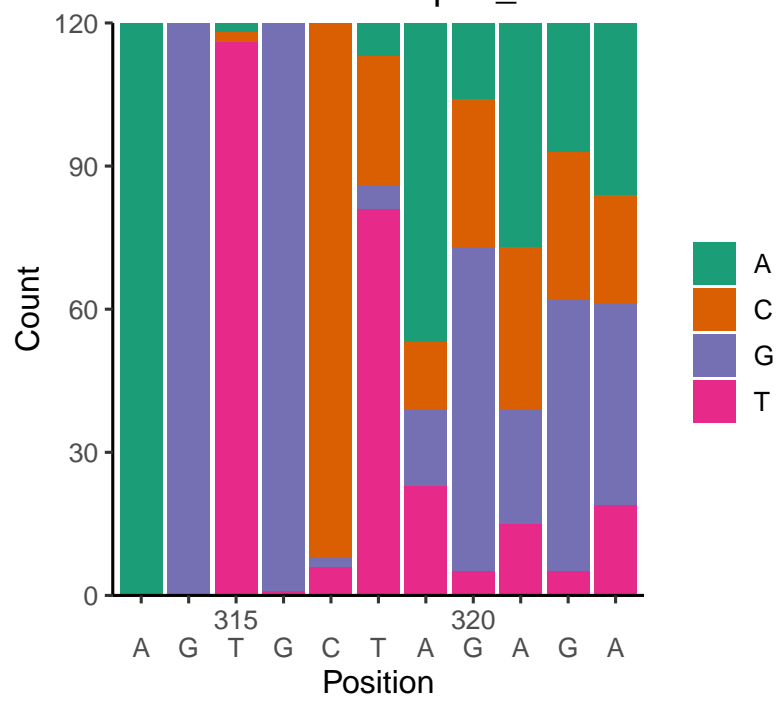


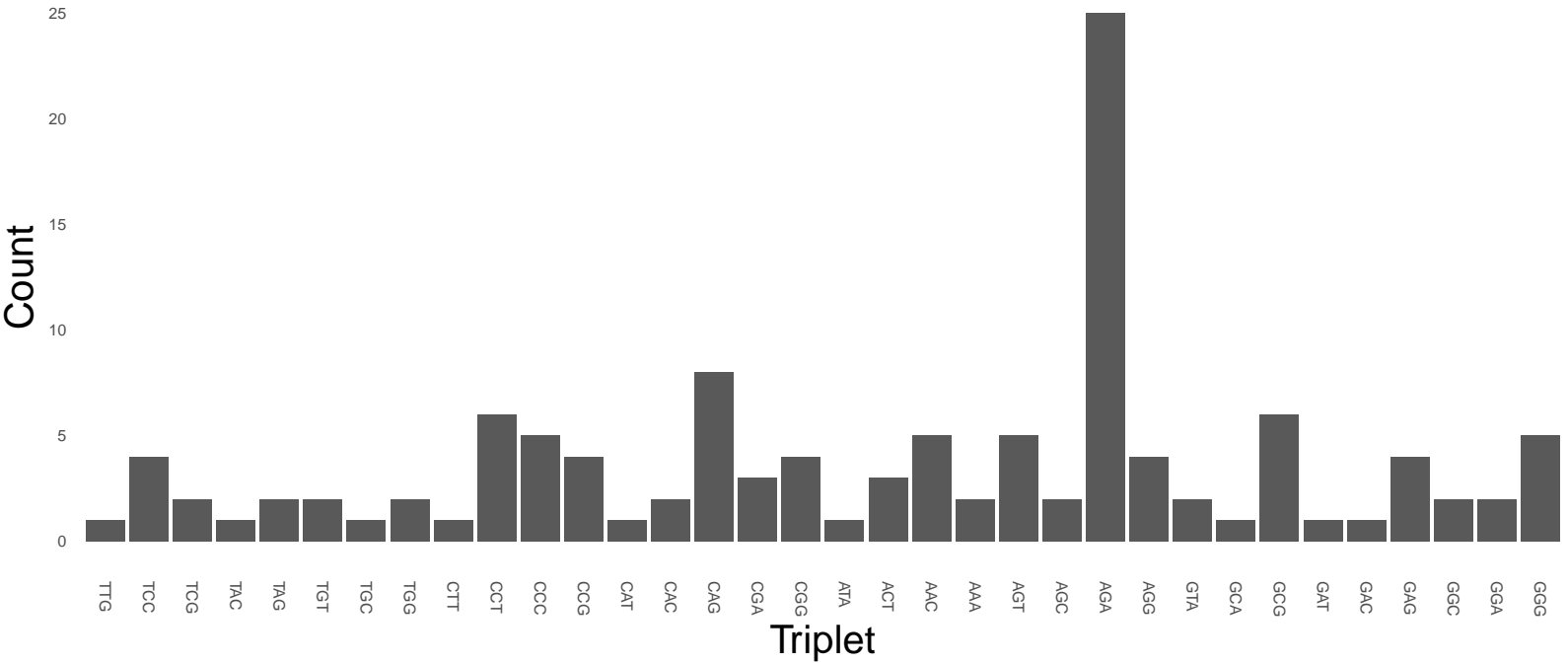
# Gene TRBV20-1\*bp04\_322GA323



Gene TRBV20-1\*bp04\_322GA323

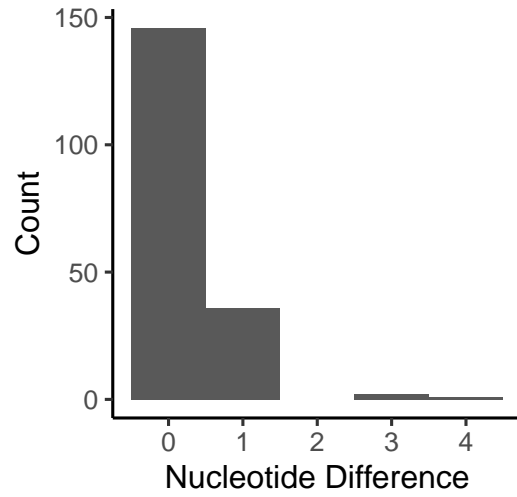


TRBV20-1\*bp04\_322GA323- Final 3 nucleotides as a triplet



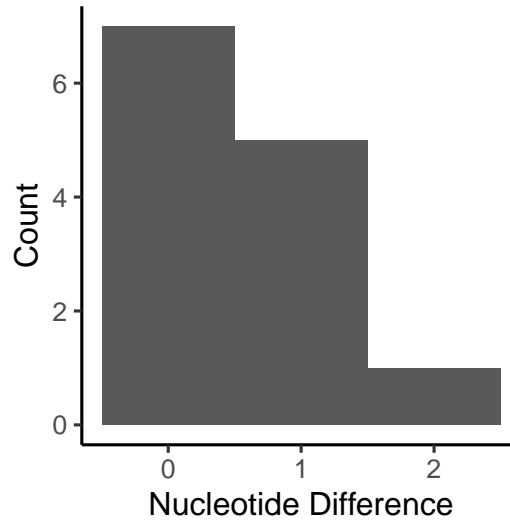
### TRBV20–1\*bp01

185 sequences assigned  
146 (78.9%) exact matches, in which:  
102 unique CDR3  
13 unique J



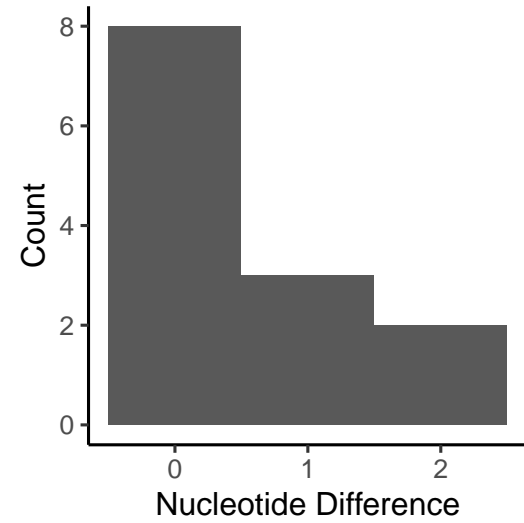
### TRBV10–2\*bp01

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



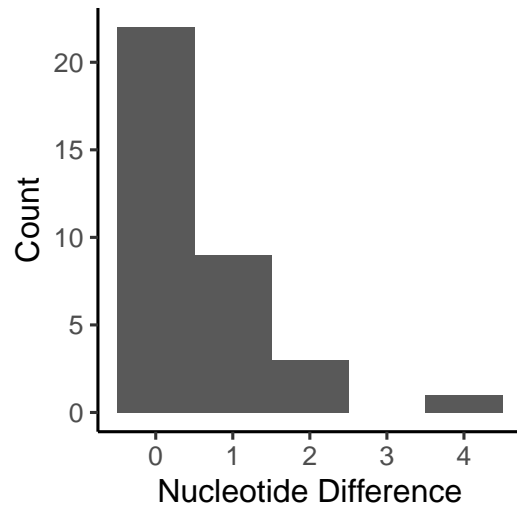
### TRBV14\*bp01

13 sequences assigned  
8 (61.5%) exact matches, in which:  
6 unique CDR3  
3 unique J



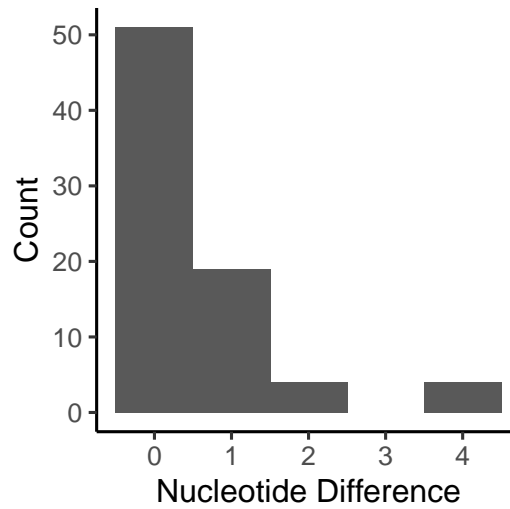
### TRBV10–1\*bp01

35 sequences assigned  
22 (62.9%) exact matches, in which:  
16 unique CDR3  
7 unique J



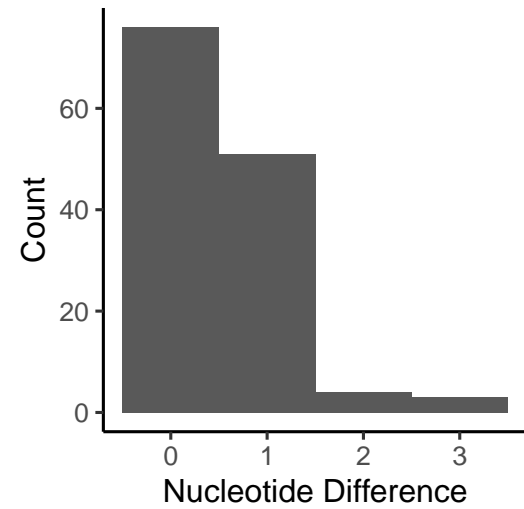
### TRBV10–3\*bp01

78 sequences assigned  
51 (65.4%) exact matches, in which:  
40 unique CDR3  
13 unique J



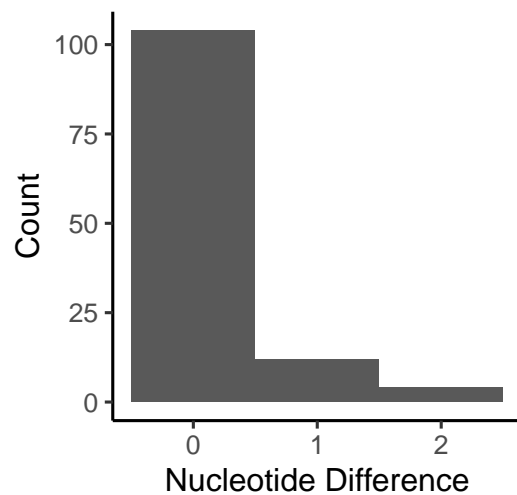
### TRBV15\*bp02

134 sequences assigned  
76 (56.7%) exact matches, in which:  
48 unique CDR3  
12 unique J



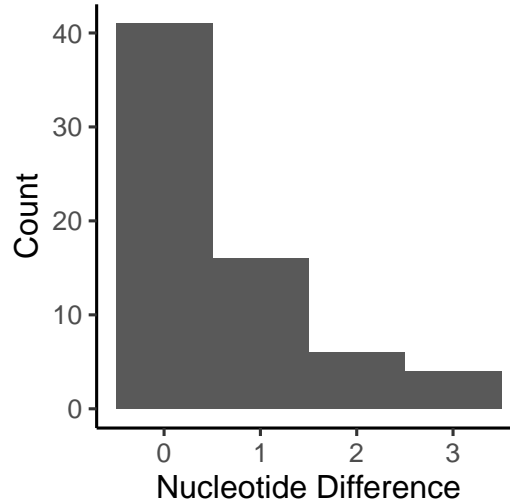
### TRBV20–1\*bp04\_322GA:

120 sequences assigned  
104 (86.7%) exact matches, in which:  
79 unique CDR3  
13 unique J



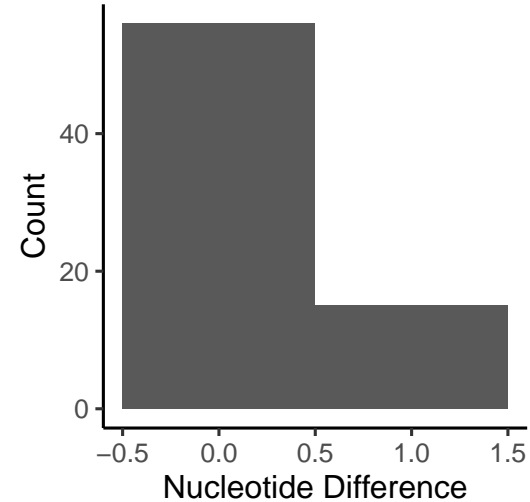
### TRBV13\*bp01

67 sequences assigned  
41 (61.2%) exact matches, in which:  
31 unique CDR3  
11 unique J



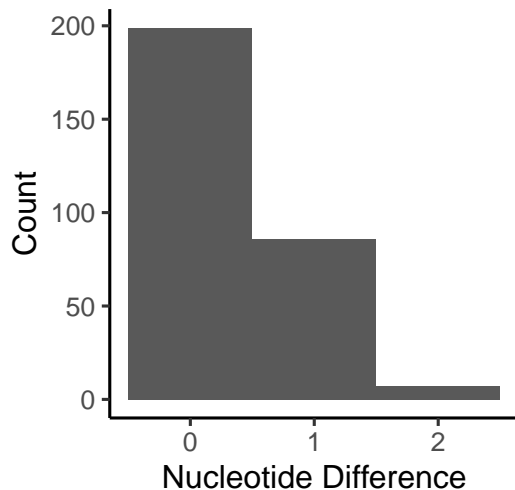
### TRBV18\*bp01

71 sequences assigned  
56 (78.9%) exact matches, in which:  
38 unique CDR3  
10 unique J



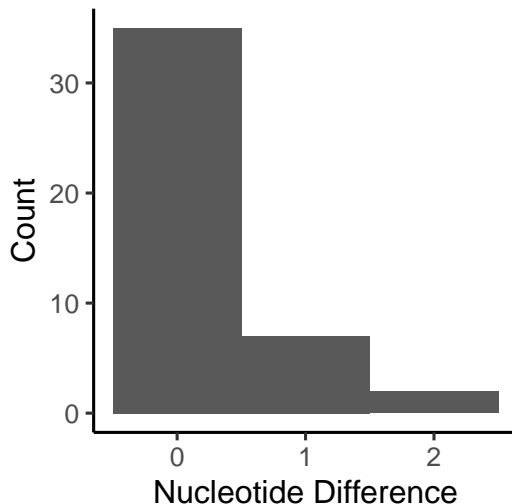
### TRBV19\*bp01

292 sequences assigned  
199 (68.2%) exact matches, in which:  
122 unique CDR3  
13 unique J



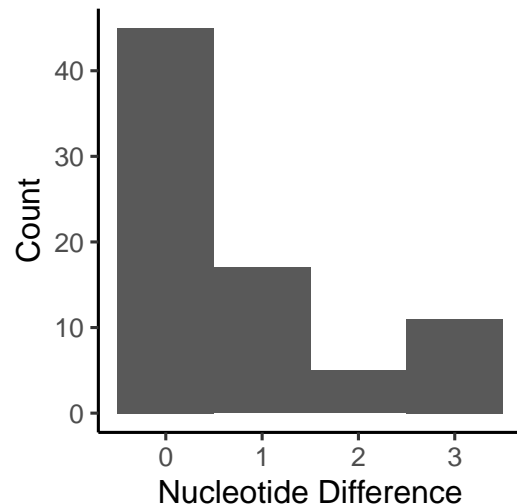
### TRBV28\*bp01

44 sequences assigned  
35 (79.5%) exact matches, in which:  
31 unique CDR3  
8 unique J



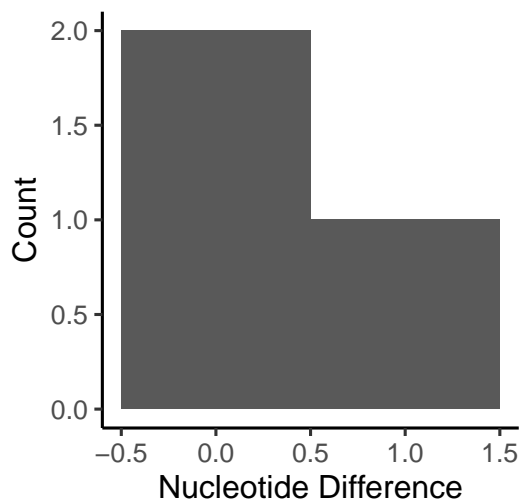
### TRBV11-1\*bp01

78 sequences assigned  
45 (57.7%) exact matches, in which:  
28 unique CDR3  
8 unique J



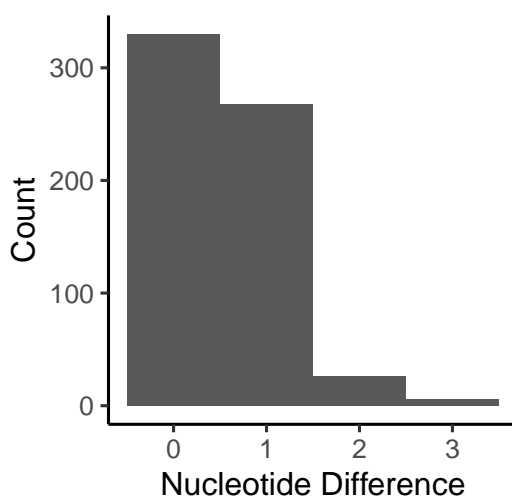
### TRBV2\*bp01

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



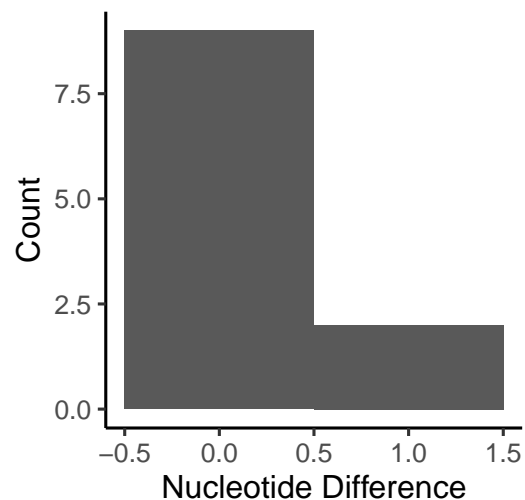
### TRBV30\*bp01

630 sequences assigned  
330 (52.4%) exact matches, in which:  
152 unique CDR3  
12 unique J



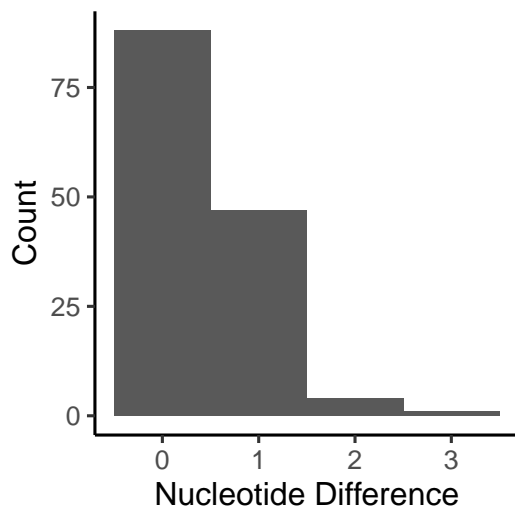
### TRBV21-1\*bp01

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



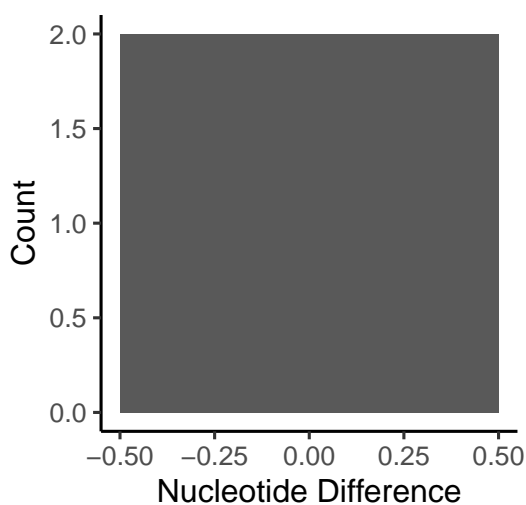
### TRBV27\*bp01

140 sequences assigned  
88 (62.9%) exact matches, in which:  
68 unique CDR3  
10 unique J



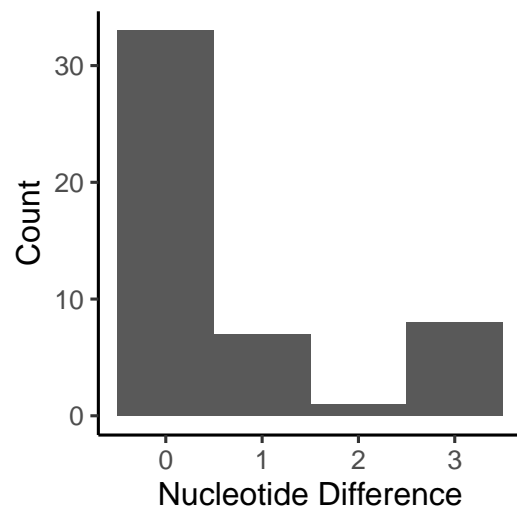
### TRBV9\*bp01

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



### TRBV11-2\*bp01

49 sequences assigned  
33 (67.3%) exact matches, in which:  
24 unique CDR3  
9 unique J



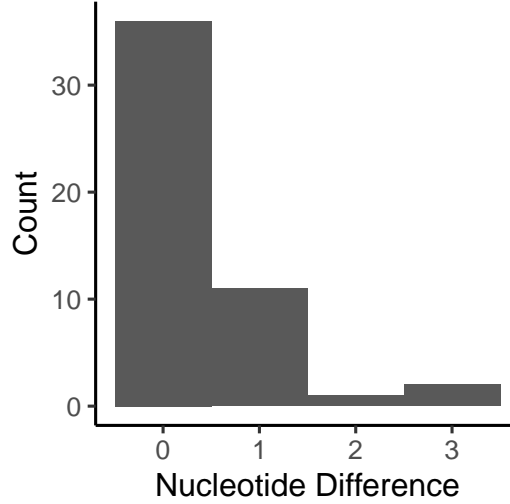
### TRBV11–3\*bp01

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



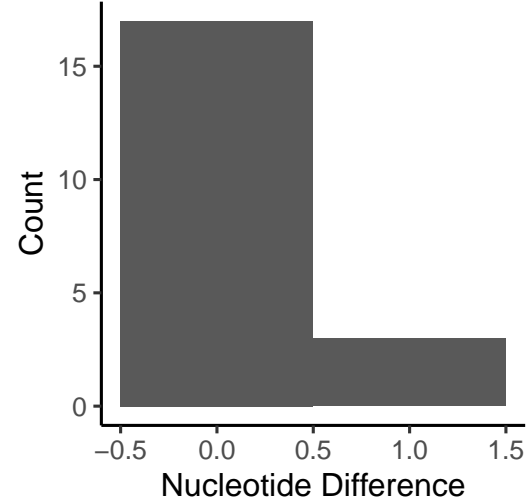
### TRBV24–1\*bp01

50 sequences assigned  
36 (72%) exact matches, in which:  
30 unique CDR3  
9 unique J



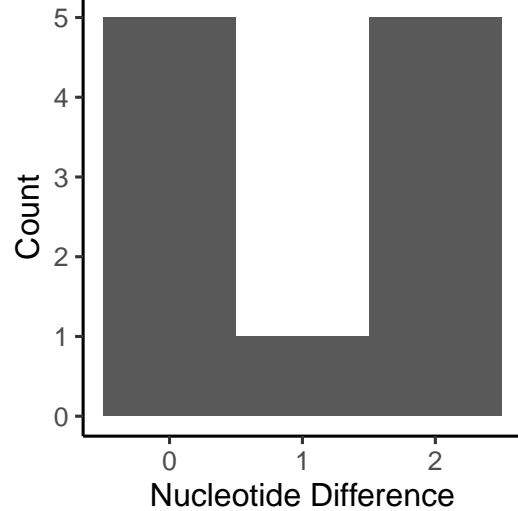
### TRBV4–3\*bp01

20 sequences assigned  
17 (85%) exact matches, in which:  
14 unique CDR3  
9 unique J



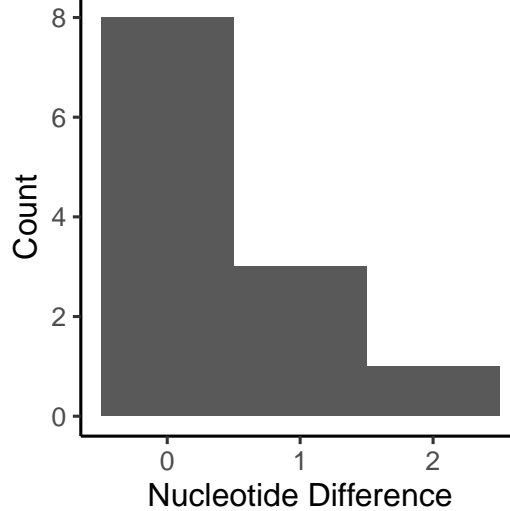
### TRBV12–5\*bp01

11 sequences assigned  
5 (45.5%) exact matches, in which:  
5 unique CDR3  
4 unique J



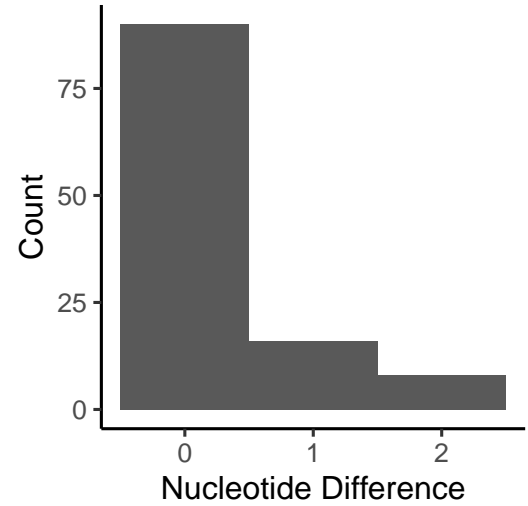
### TRBV4–1\*bp01

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



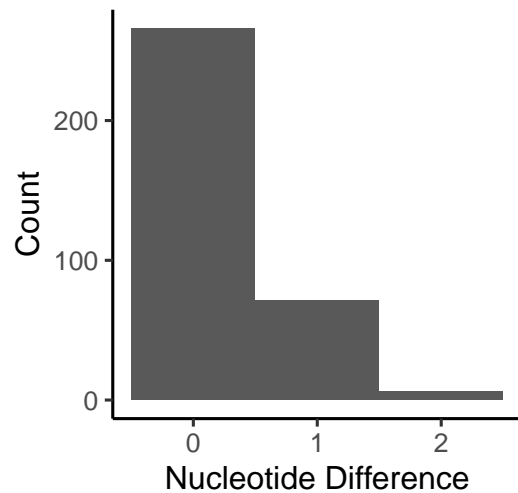
### TRBV5–1\*bp01

114 sequences assigned  
90 (78.9%) exact matches, in which:  
70 unique CDR3  
9 unique J



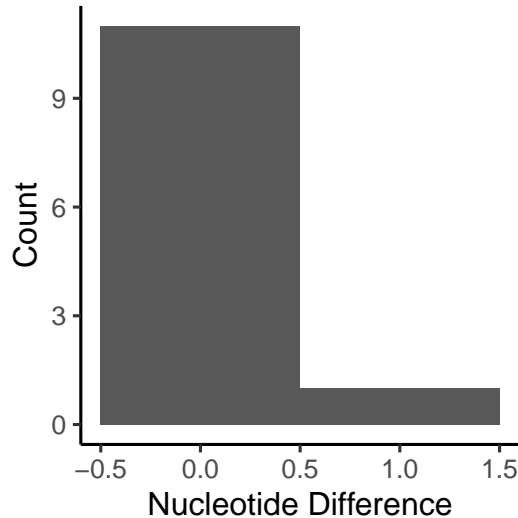
### TRBV12–34\*bp01

343 sequences assigned  
266 (77.6%) exact matches, in which:  
131 unique CDR3  
14 unique J



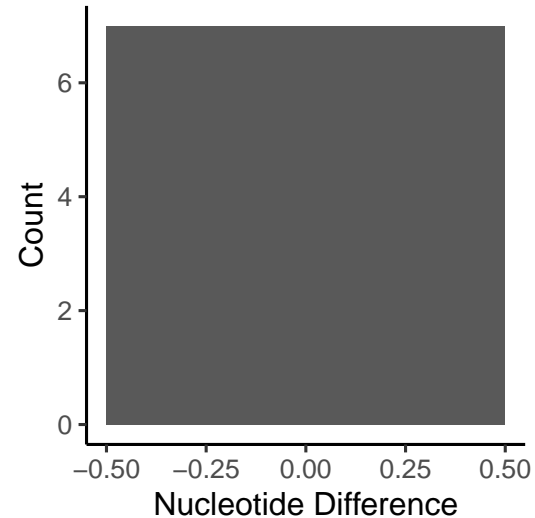
### TRBV4–2\*bp01

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



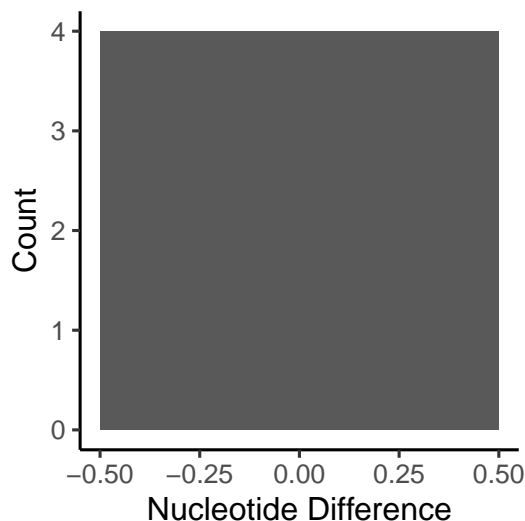
### TRBV25–1\*bp01

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



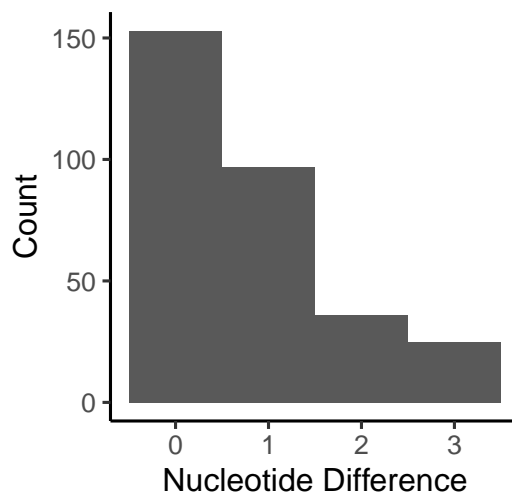
### TRBV5-3\*bp01

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



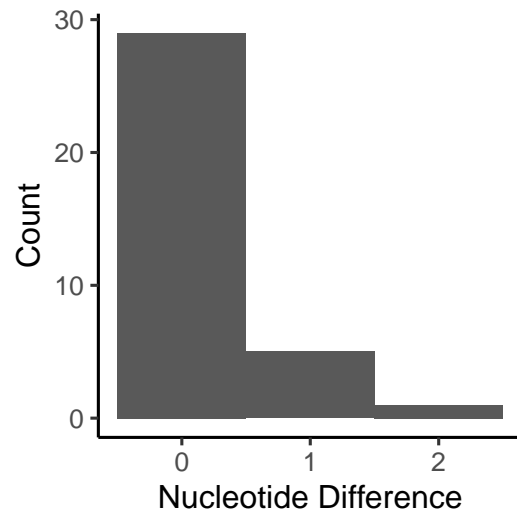
### TRBV5-6\*bp01

311 sequences assigned  
153 (49.2%) exact matches, in which:  
99 unique CDR3  
12 unique J



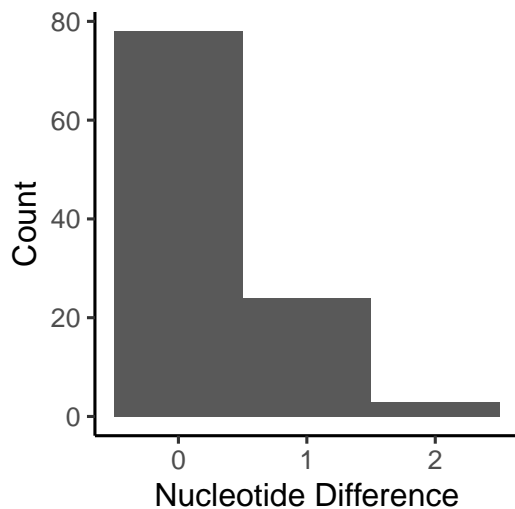
### TRBV6-4\*bp01

35 sequences assigned  
29 (82.9%) exact matches, in which:  
20 unique CDR3  
9 unique J



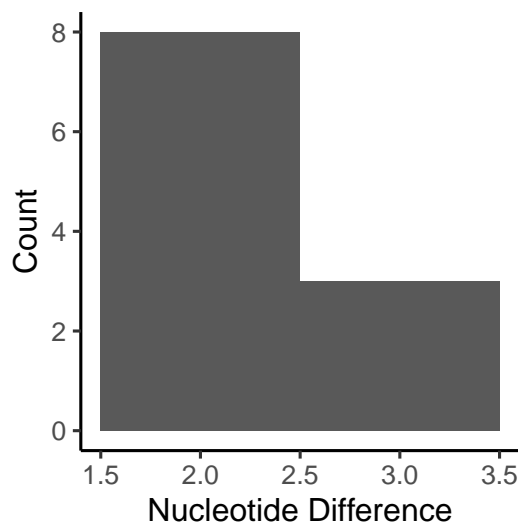
### TRBV5-4\*bp01

105 sequences assigned  
78 (74.3%) exact matches, in which:  
48 unique CDR3  
13 unique J



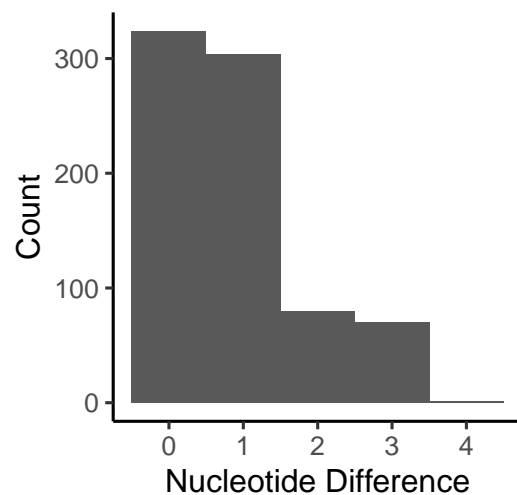
### TRBV5-7\*bp01

11 sequences assigned  
No exact matches.



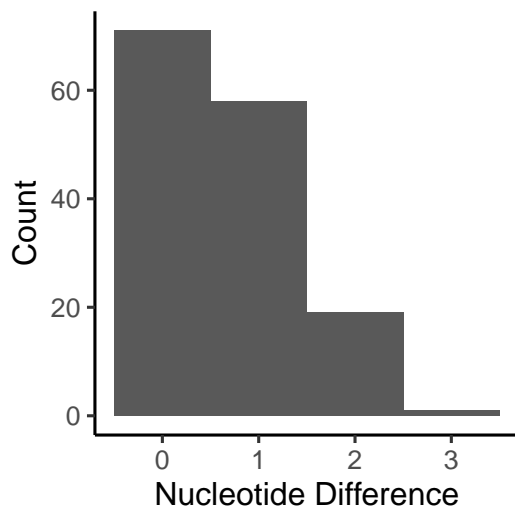
### TRBV6-5\*bp01

779 sequences assigned  
324 (41.6%) exact matches, in which:  
236 unique CDR3  
14 unique J



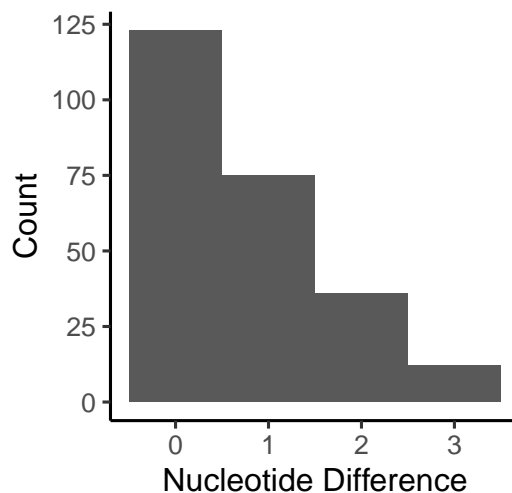
### TRBV5-5\*bp01

149 sequences assigned  
71 (47.7%) exact matches, in which:  
39 unique CDR3  
10 unique J



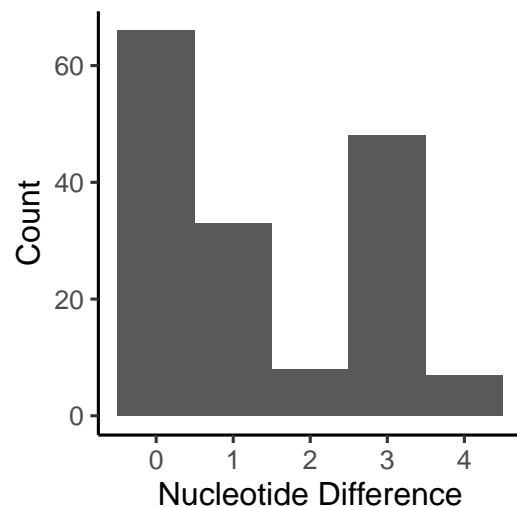
### TRBV6-1\*bp01

246 sequences assigned  
123 (50%) exact matches, in which:  
100 unique CDR3  
14 unique J



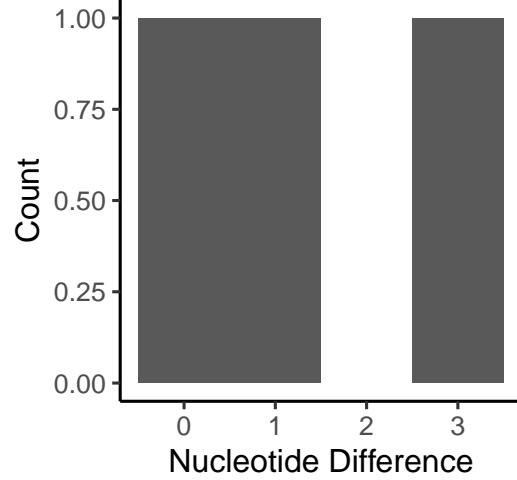
### TRBV6-6\*bp01

162 sequences assigned  
66 (40.7%) exact matches, in which:  
56 unique CDR3  
14 unique J



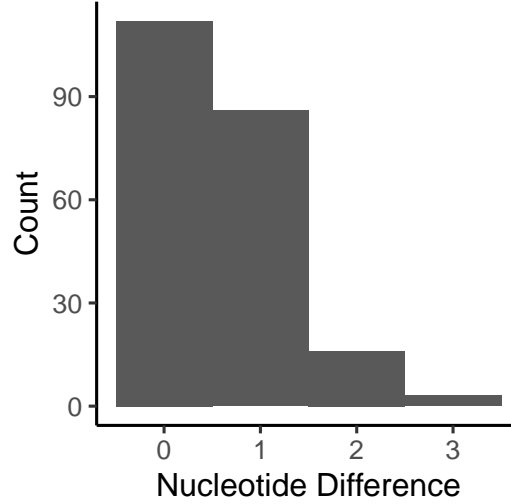
### TRBV6-7\*bp01

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



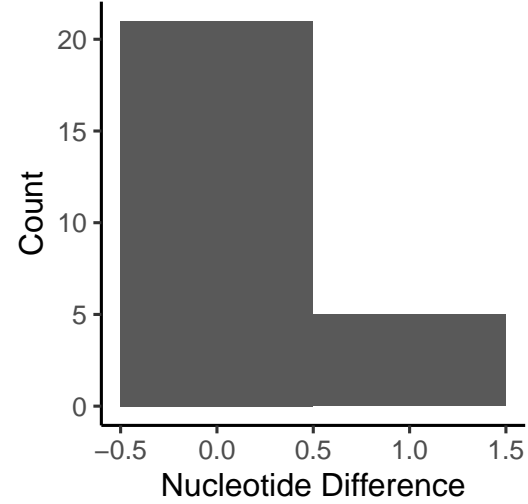
### TRBV6-23\*bp01

217 sequences assigned  
112 (51.6%) exact matches, in which:  
83 unique CDR3  
14 unique J



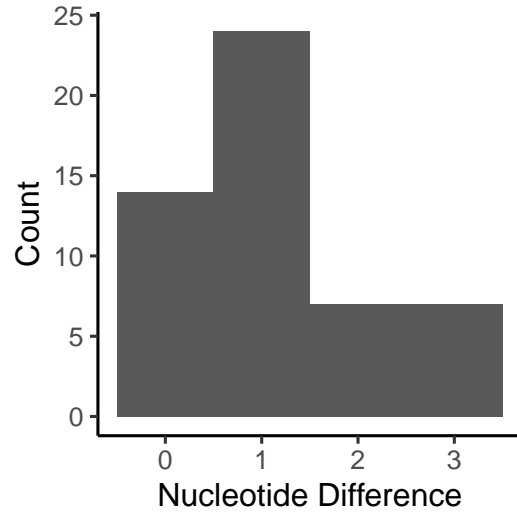
### TRBV7-3\*bp01

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



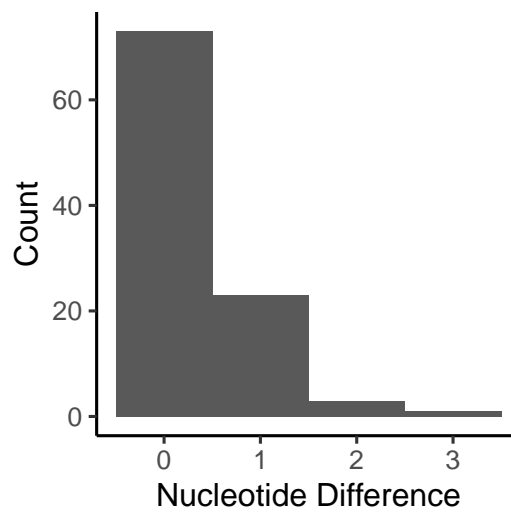
### TRBV6-8\*bp01

52 sequences assigned  
14 (26.9%) exact matches, in which:  
10 unique CDR3  
2 unique J



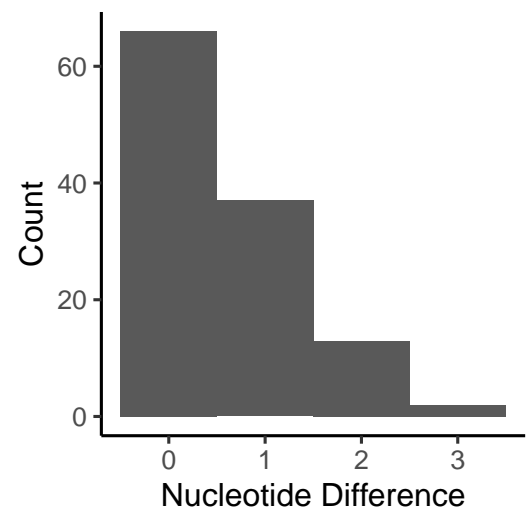
### TRBV7-2\*bp01

100 sequences assigned  
73 (73%) exact matches, in which:  
49 unique CDR3  
11 unique J



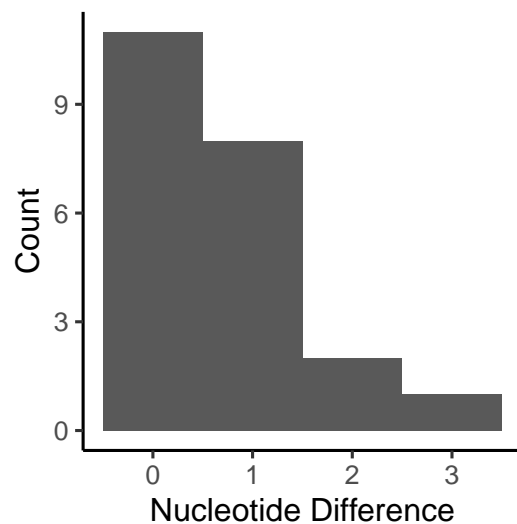
### TRBV7-6\*bp01

118 sequences assigned  
66 (55.9%) exact matches, in which:  
35 unique CDR3  
10 unique J



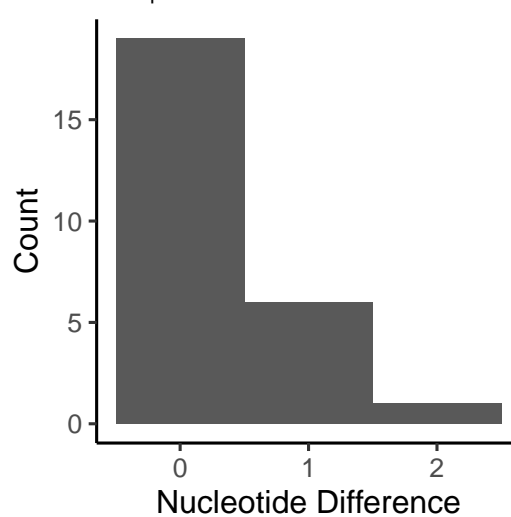
### TRBV6-9\*bp01

22 sequences assigned  
11 (50%) exact matches, in which:  
7 unique CDR3  
3 unique J



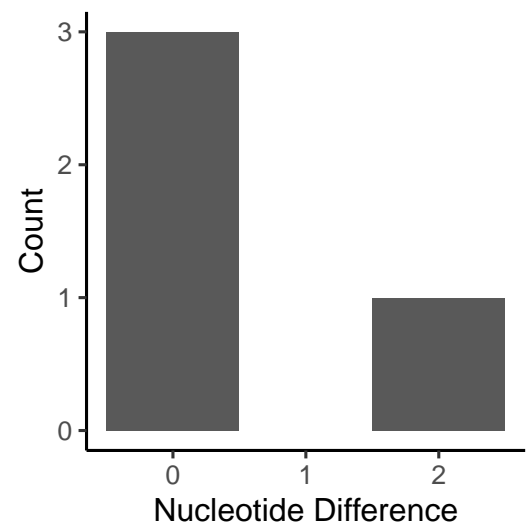
### TRBV7-2\*bp02

26 sequences assigned  
19 (73.1%) exact matches, in which:  
13 unique CDR3  
7 unique J



### TRBV7-7\*bp01

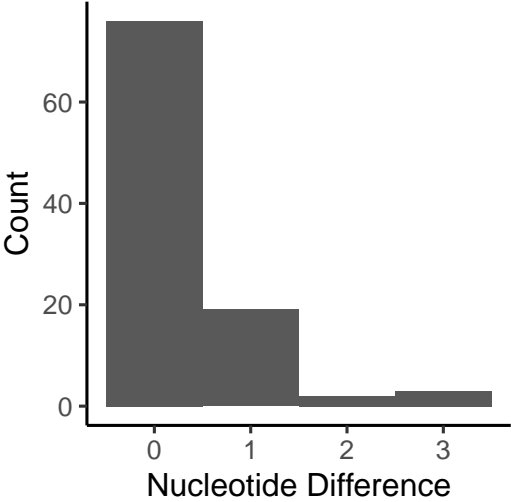
4 sequences assigned  
3 (75%) exact matches, in which:  
3 unique CDR3  
2 unique J





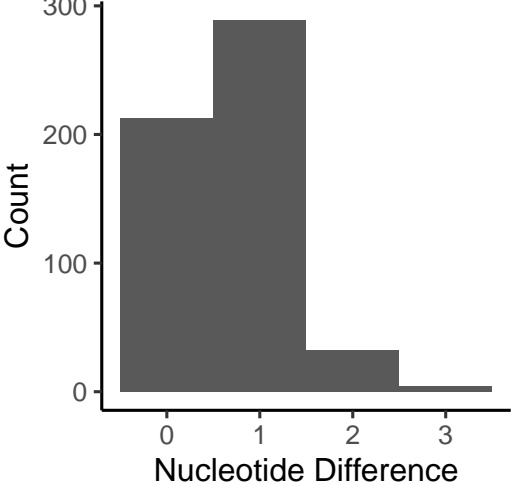
# TRBV7-9\*bp01

100 sequences assigned  
76 (76%) exact matches, in which:  
58 unique CDR3  
10 unique J

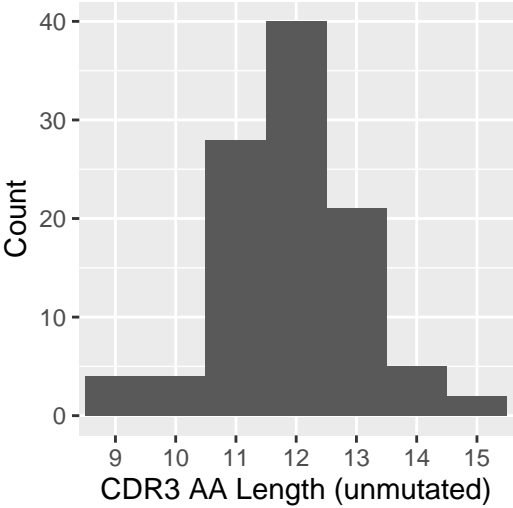


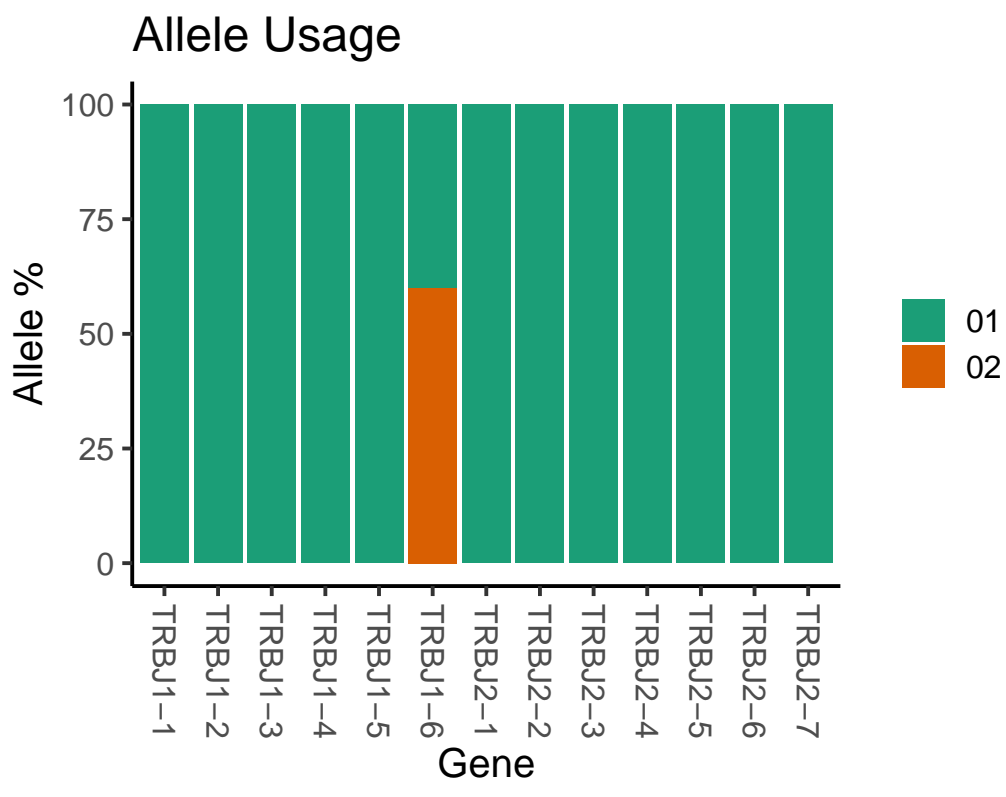
# TRBV29-1\*bp01

538 sequences assigned  
213 (39.6%) exact matches, in which:  
131 unique CDR3  
11 unique J



TRBV20-1\*bp04\_322GA323





Sequence Count by TRBJ1–6 allele usage



[illegible]