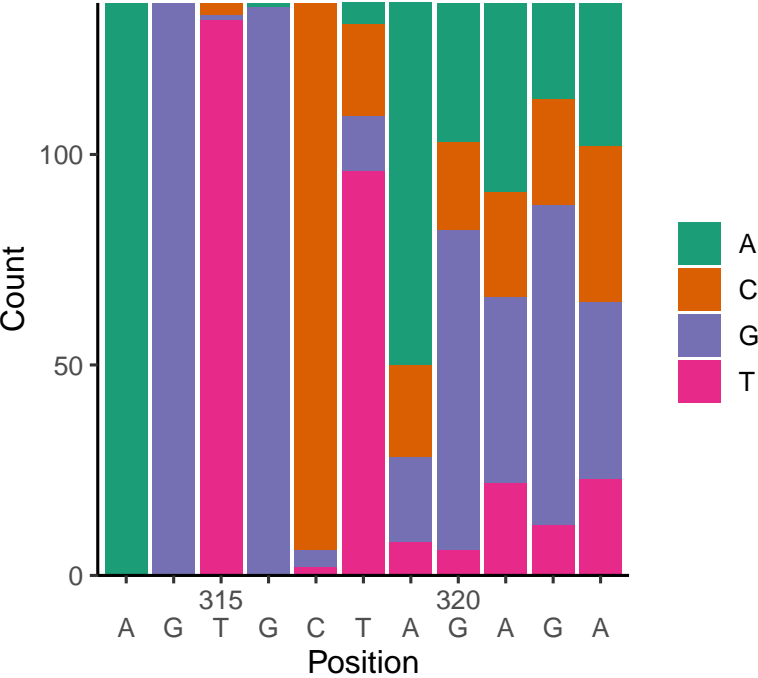
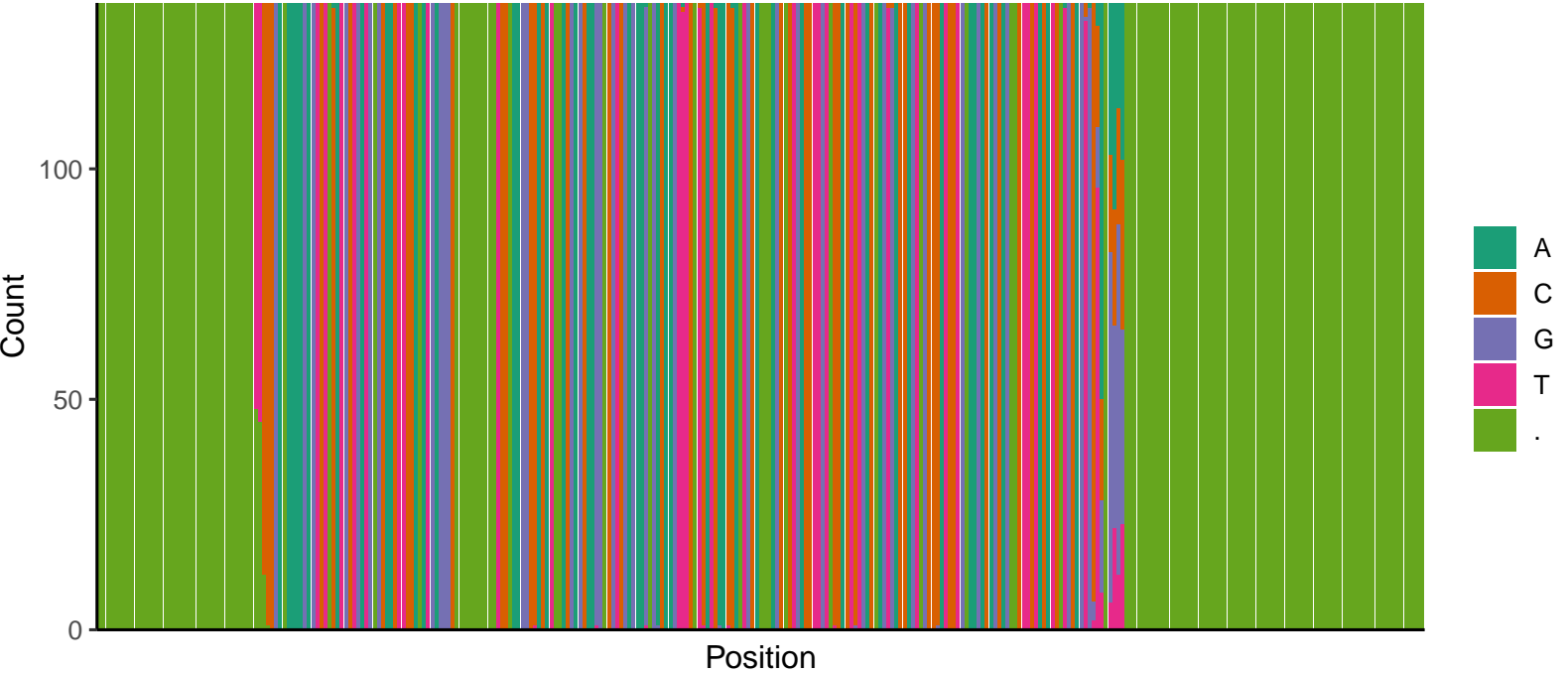


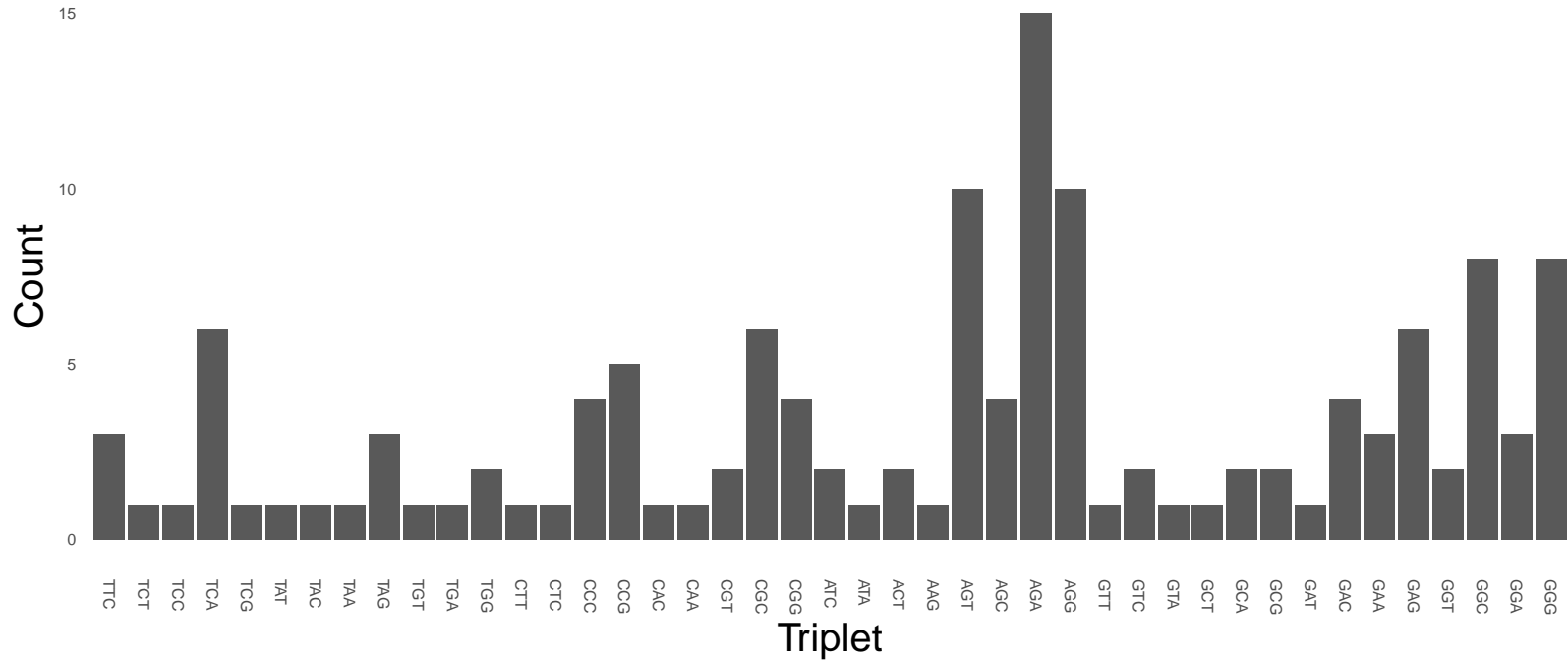
Gene TRBV20-1\*bp04\_322GA323



Gene TRBV20-1\*bp04\_322GA323

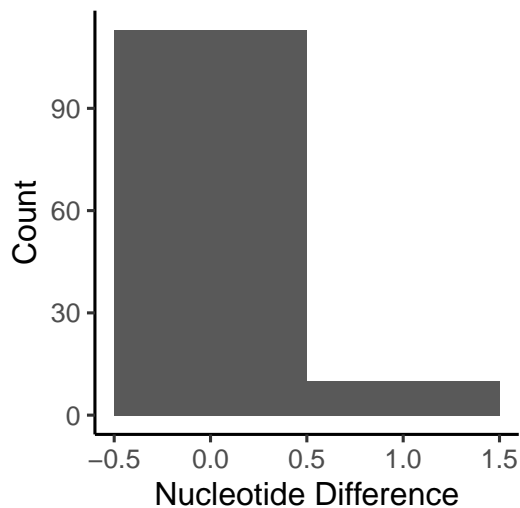


TRBV20-1\*bp04\_322GA323- Final 3 nucleotides as a triplet



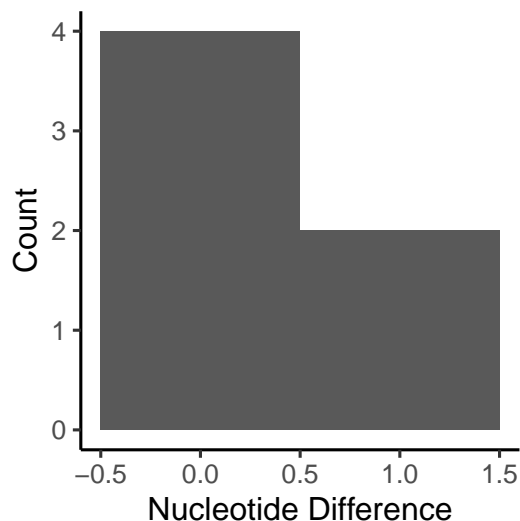
### TRBV20–1\*bp01

123 sequences assigned  
113 (91.9%) exact matches, in which:  
90 unique CDR3  
14 unique J



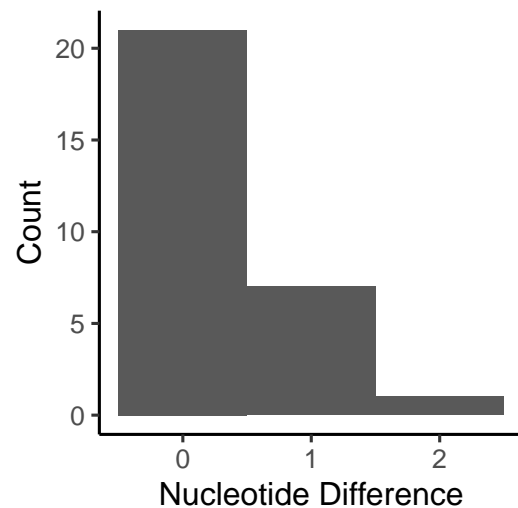
### TRBV10–2\*bp01

6 sequences assigned  
4 (66.7%) exact matches, in which:  
3 unique CDR3  
2 unique J



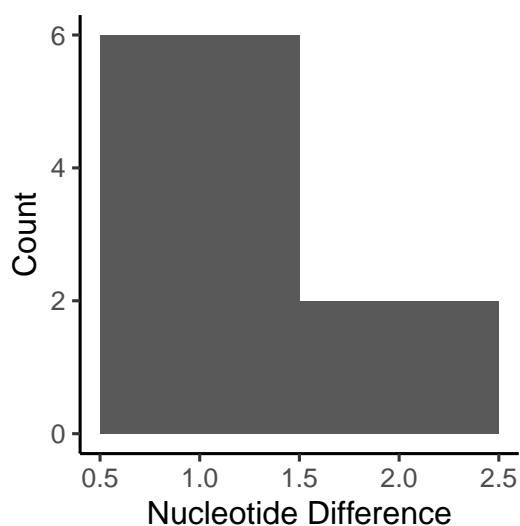
### TRBV14\*bp01

29 sequences assigned  
21 (72.4%) exact matches, in which:  
15 unique CDR3  
7 unique J



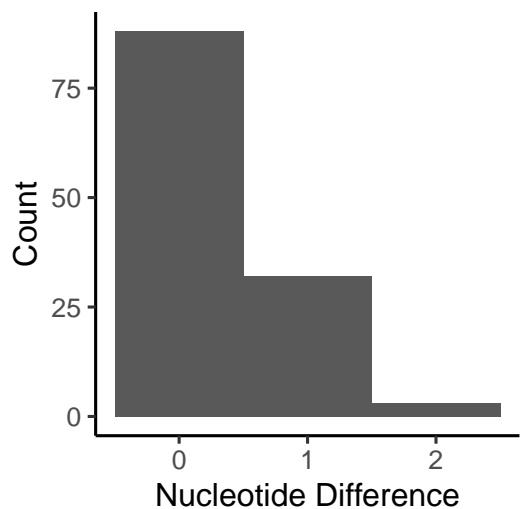
### TRBV10–1\*bp02

8 sequences assigned  
No exact matches.



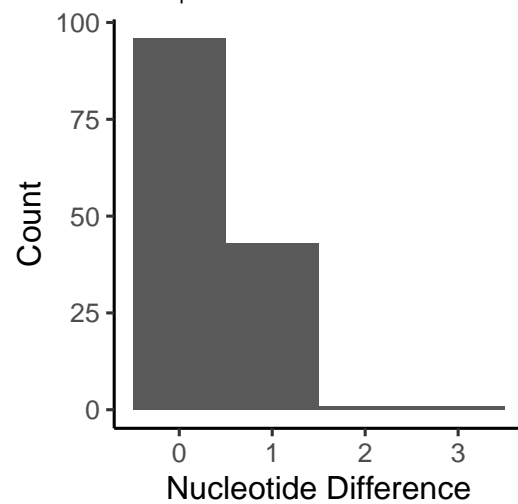
### TRBV10–3\*bp01

123 sequences assigned  
88 (71.5%) exact matches, in which:  
71 unique CDR3  
13 unique J



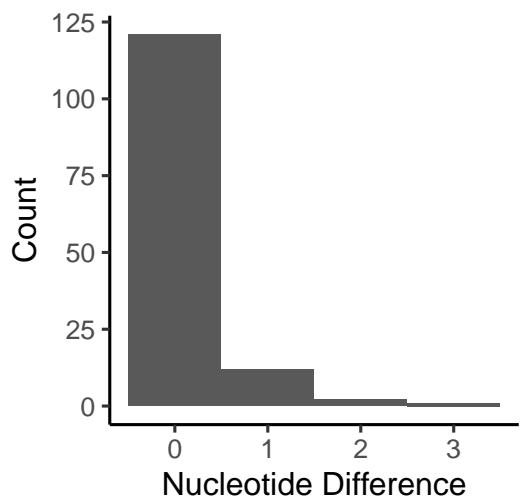
### TRBV15\*bp02

141 sequences assigned  
96 (68.1%) exact matches, in which:  
51 unique CDR3  
11 unique J



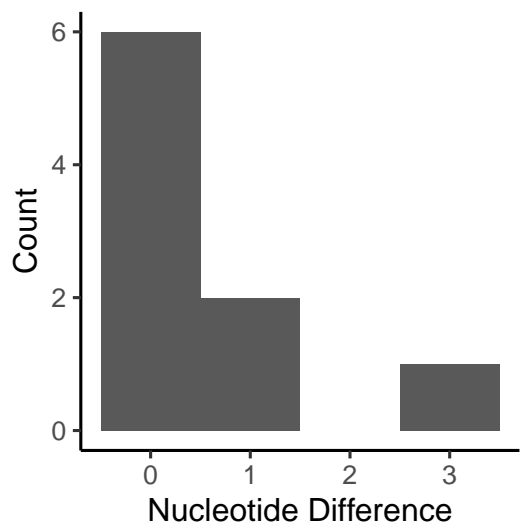
### TRBV20–1\*bp04\_322GA:

136 sequences assigned  
121 (89%) exact matches, in which:  
97 unique CDR3  
14 unique J



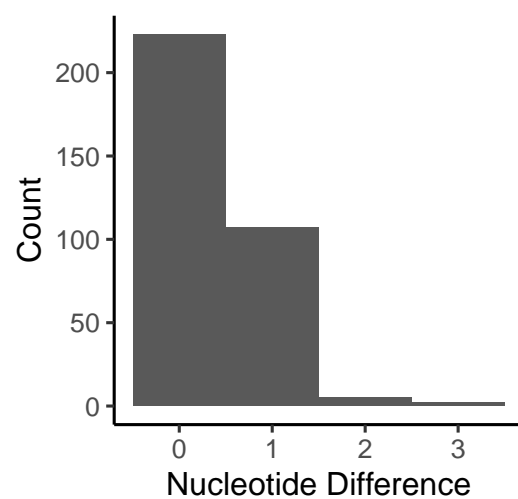
### TRBV13\*bp01

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



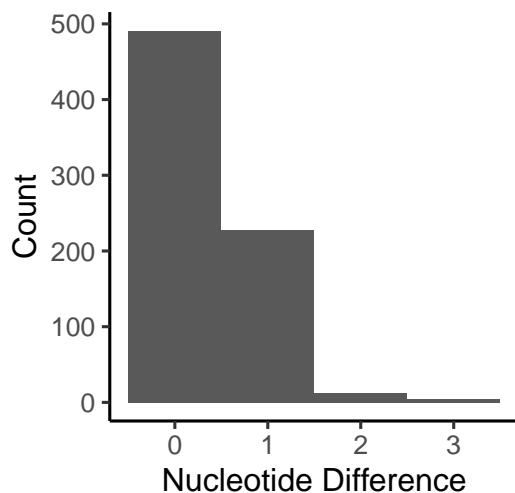
### TRBV18\*bp01

337 sequences assigned  
223 (66.2%) exact matches, in which:  
127 unique CDR3  
14 unique J



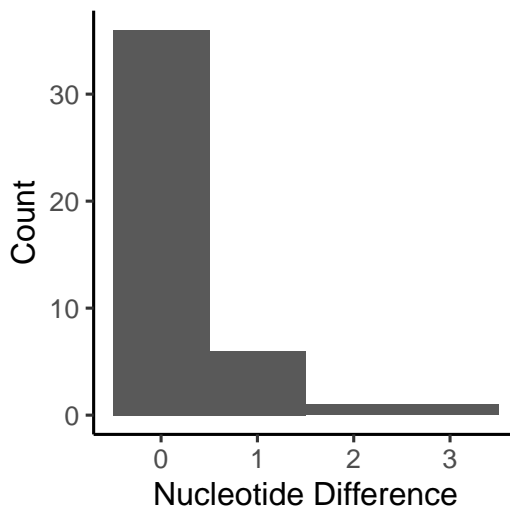
### TRBV19\*bp01

735 sequences assigned  
491 (66.8%) exact matches, in which:  
267 unique CDR3  
14 unique J



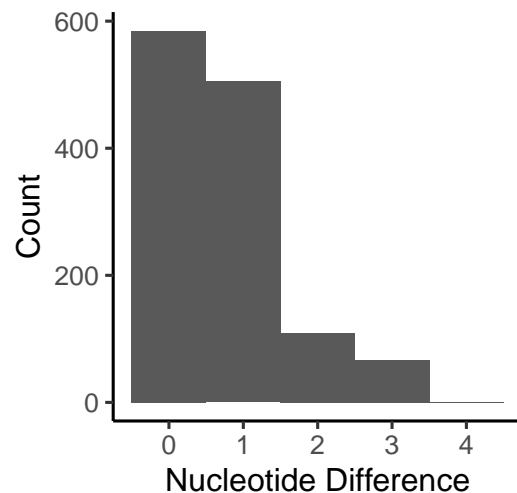
### TRBV28\*bp01

44 sequences assigned  
36 (81.8%) exact matches, in which:  
31 unique CDR3  
13 unique J



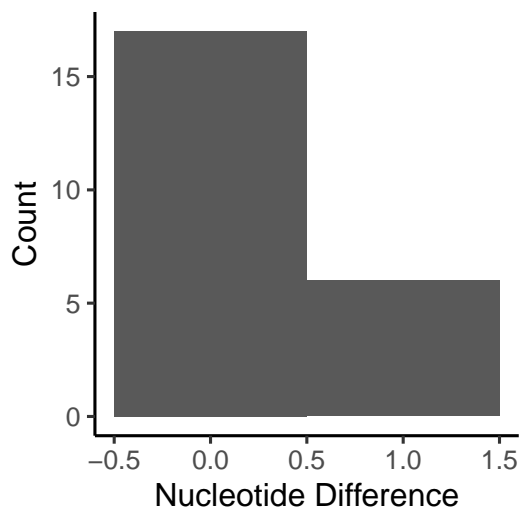
### TRBV11-1\*bp01

1267 sequences assigned  
585 (46.2%) exact matches, in which:  
389 unique CDR3  
14 unique J



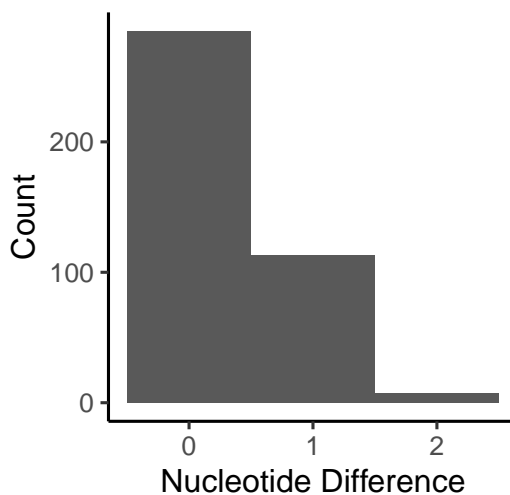
### TRBV2\*bp01

23 sequences assigned  
17 (73.9%) exact matches, in which:  
17 unique CDR3  
9 unique J



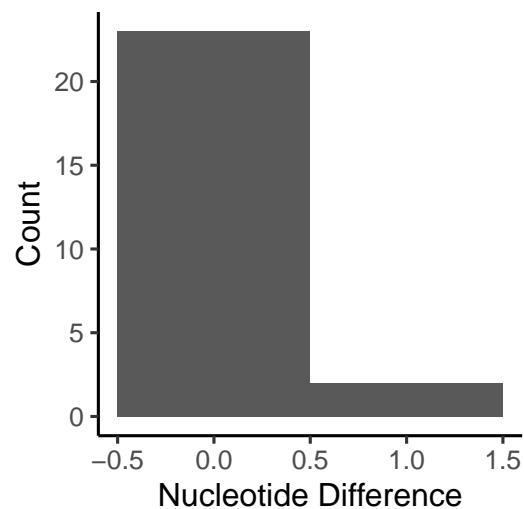
### TRBV30\*bp01

405 sequences assigned  
285 (70.4%) exact matches, in which:  
116 unique CDR3  
14 unique J



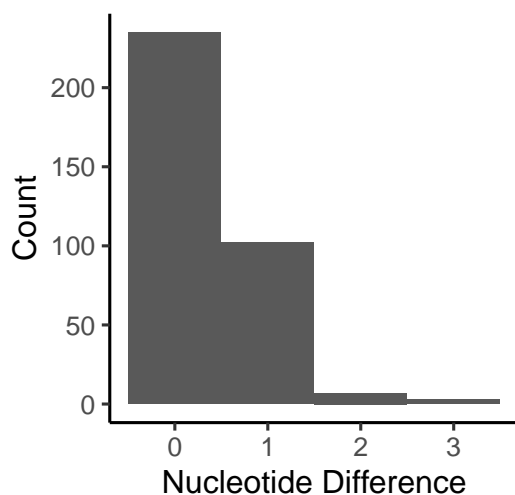
### TRBV21-1\*bp01

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



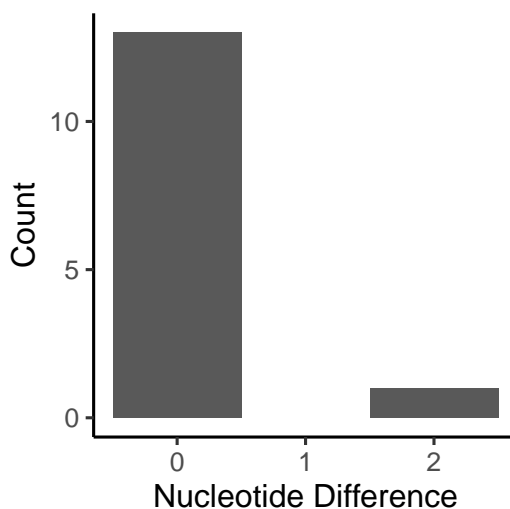
### TRBV27\*bp01

347 sequences assigned  
235 (67.7%) exact matches, in which:  
170 unique CDR3  
14 unique J



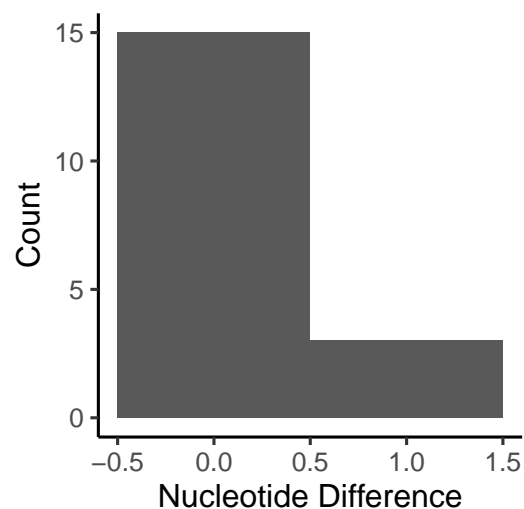
### TRBV9\*bp01

14 sequences assigned  
13 (92.9%) exact matches, in which:  
13 unique CDR3  
8 unique J



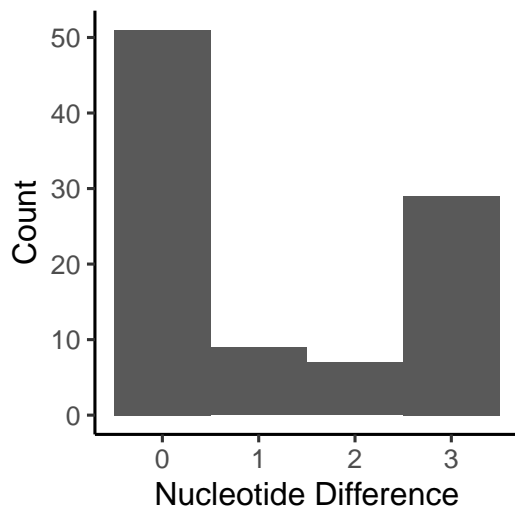
### TRBV21-1\*bp02

18 sequences assigned  
15 (83.3%) exact matches, in which:  
13 unique CDR3  
7 unique J



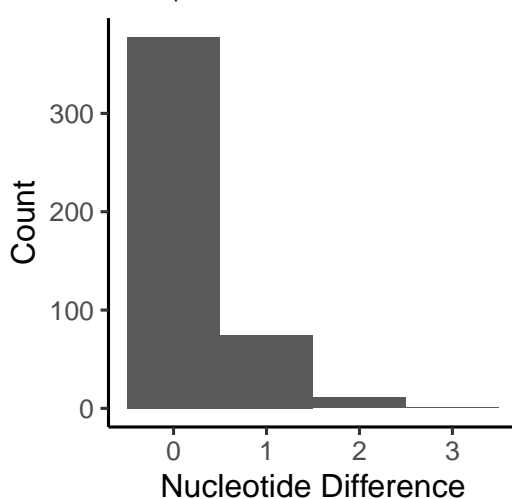
### TRBV11–2\*bp01

96 sequences assigned  
51 (53.1%) exact matches, in which:  
34 unique CDR3  
9 unique J



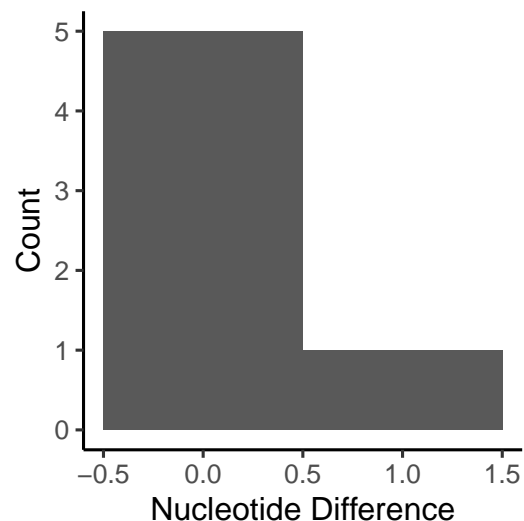
### TRBV12–34\*bp01

465 sequences assigned  
378 (81.3%) exact matches, in which:  
210 unique CDR3  
14 unique J



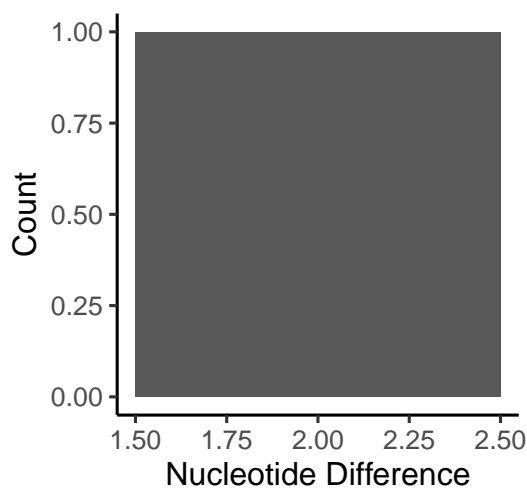
### TRBV4–1\*bp01

6 sequences assigned  
5 (83.3%) exact matches, in which:  
5 unique CDR3  
5 unique J



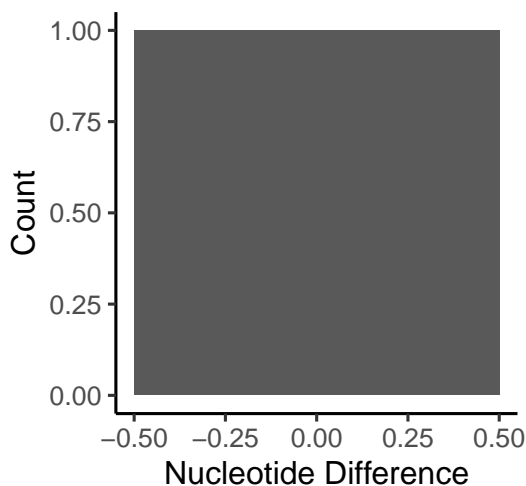
### TRBV11–3\*bp01

1 sequences assigned  
No exact matches.



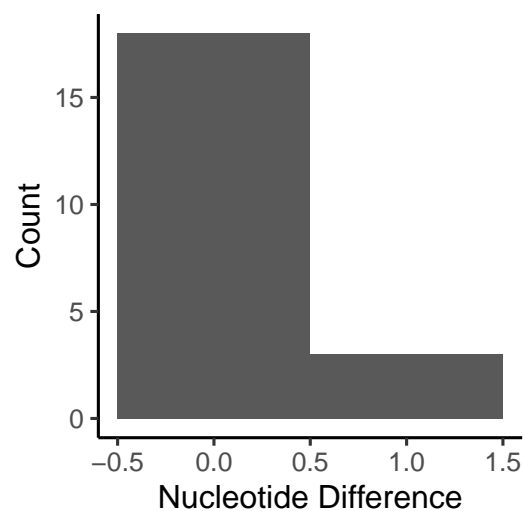
### TRBV23–1\*bp01

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



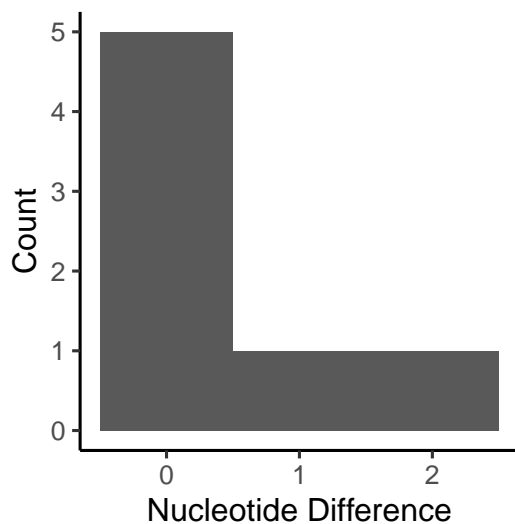
### TRBV24–1\*bp02

21 sequences assigned  
18 (85.7%) exact matches, in which:  
15 unique CDR3  
8 unique J



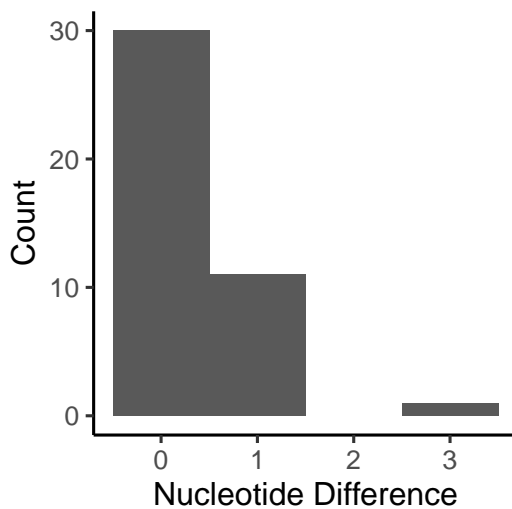
### TRBV12–5\*bp01

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



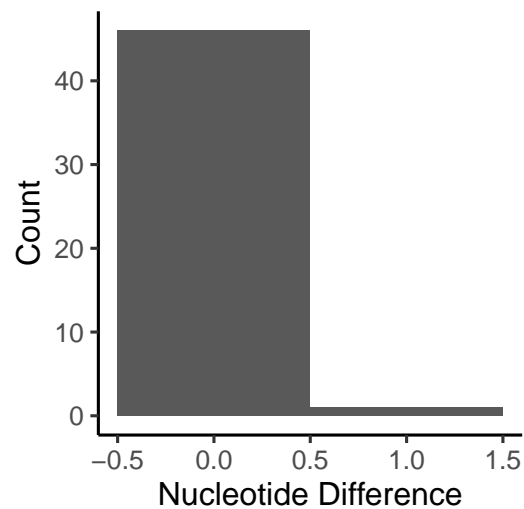
### TRBV24–1\*bp01

42 sequences assigned  
30 (71.4%) exact matches, in which:  
27 unique CDR3  
7 unique J



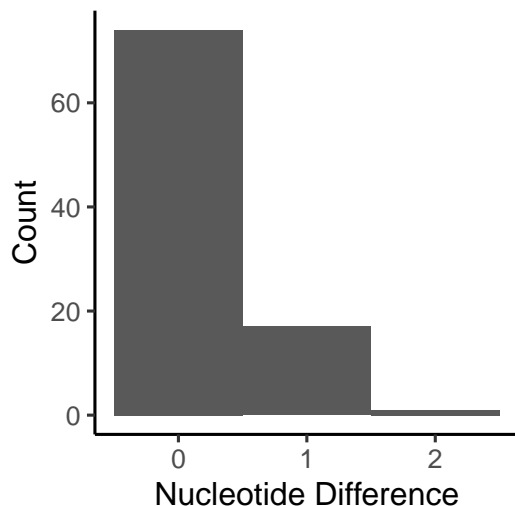
### TRBV4–2\*bp01

47 sequences assigned  
46 (97.9%) exact matches, in which:  
39 unique CDR3  
11 unique J



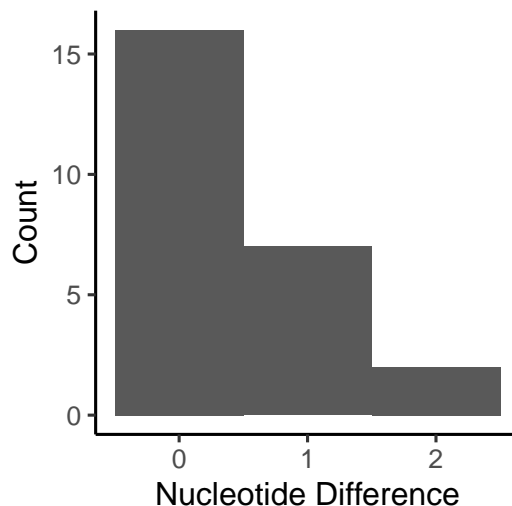
### TRBV4-3\*bp01

92 sequences assigned  
74 (80.4%) exact matches, in which:  
60 unique CDR3  
13 unique J



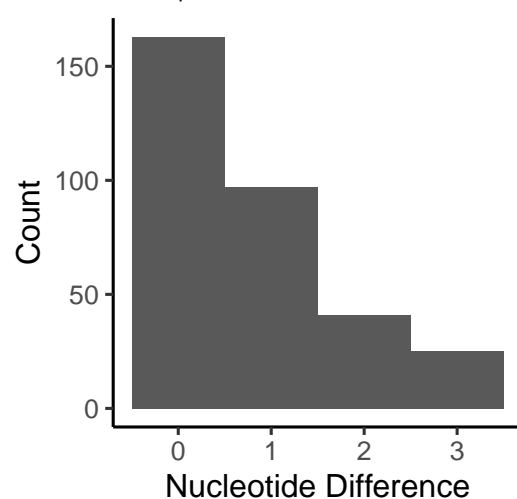
### TRBV5-3\*bp01

25 sequences assigned  
16 (64%) exact matches, in which:  
14 unique CDR3  
6 unique J



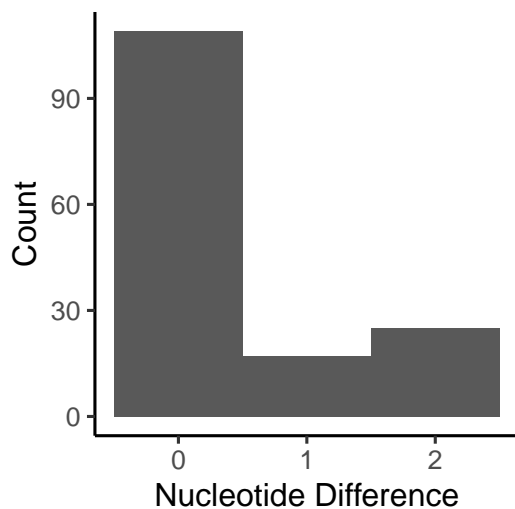
### TRBV5-6\*bp01

326 sequences assigned  
163 (50%) exact matches, in which:  
87 unique CDR3  
14 unique J



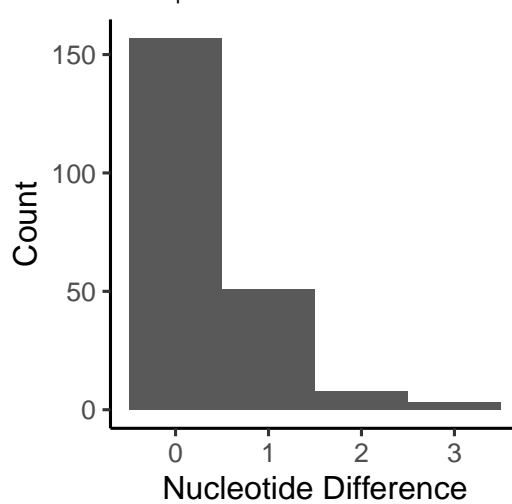
### TRBV5-1\*bp01

151 sequences assigned  
109 (72.2%) exact matches, in which:  
79 unique CDR3  
11 unique J



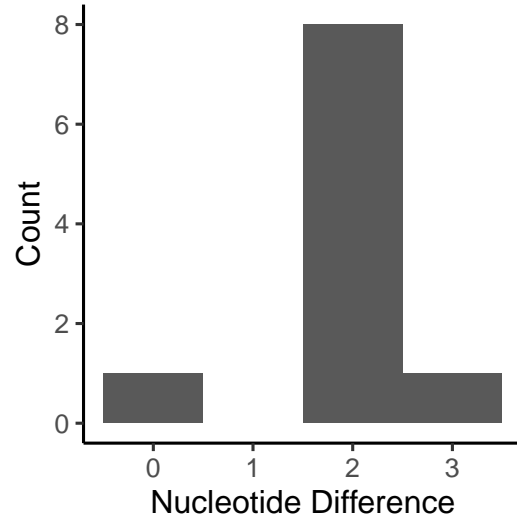
### TRBV5-4\*bp01

219 sequences assigned  
157 (71.7%) exact matches, in which:  
84 unique CDR3  
14 unique J



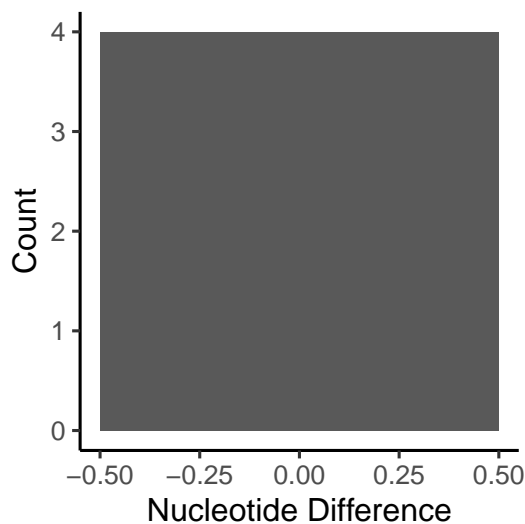
### TRBV5-7\*bp01

10 sequences assigned  
1 (10%) exact matches, in which:  
1 unique CDR3  
1 unique J



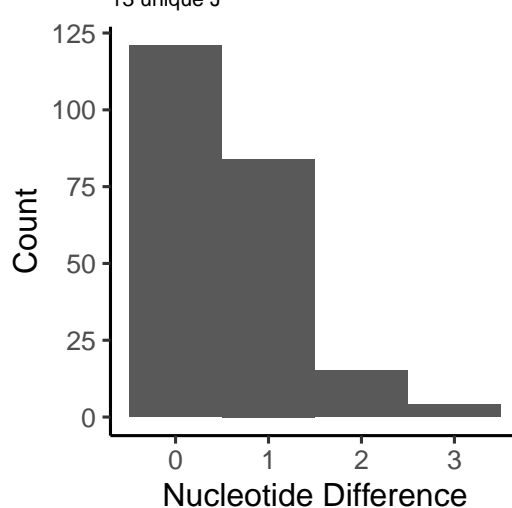
### TRBV25-1\*bp01

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



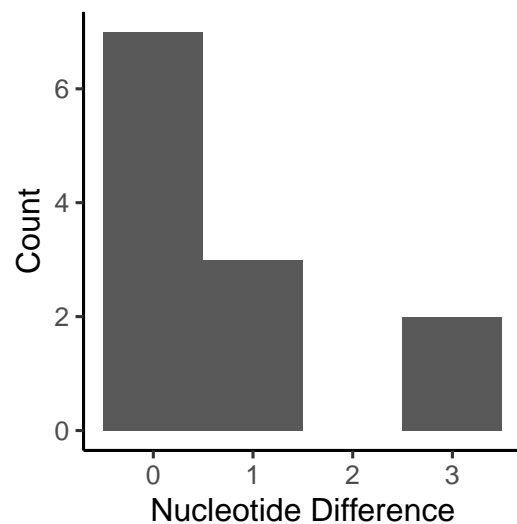
### TRBV5-5\*bp01

224 sequences assigned  
121 (54%) exact matches, in which:  
69 unique CDR3  
13 unique J



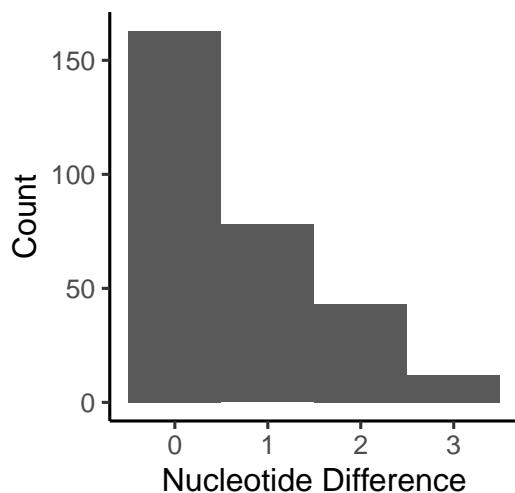
### TRBV5-8\*bp01

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



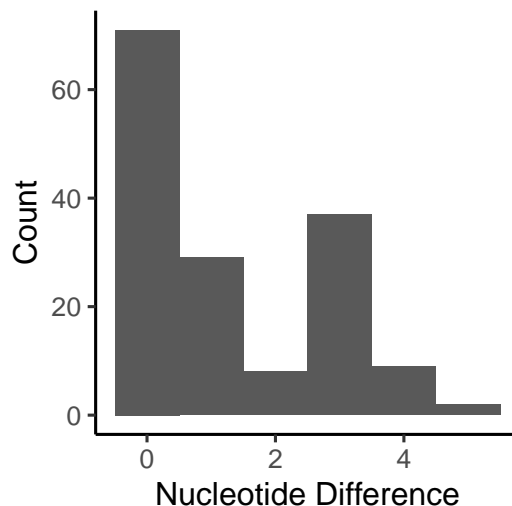
### TRBV6-1\*bp01

296 sequences assigned  
163 (55.1%) exact matches, in which:  
130 unique CDR3  
14 unique J



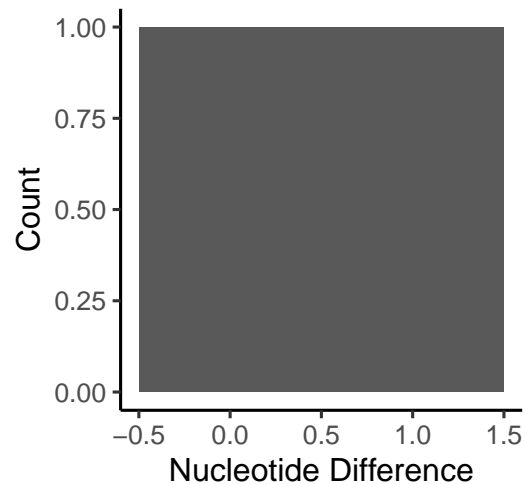
### TRBV6-6\*bp01

156 sequences assigned  
71 (45.5%) exact matches, in which:  
59 unique CDR3  
14 unique J



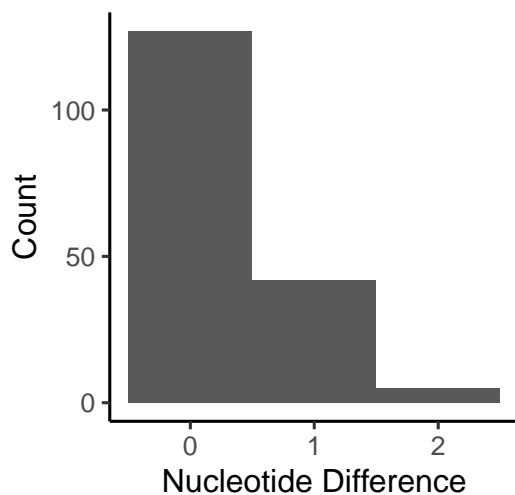
### TRBV6-9\*bp01

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



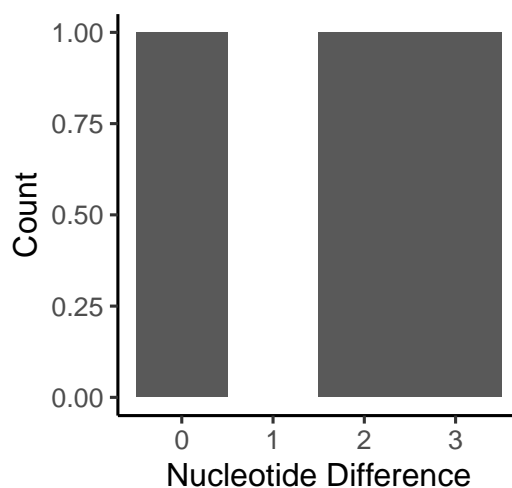
### TRBV6-4\*bp01

174 sequences assigned  
127 (73%) exact matches, in which:  
93 unique CDR3  
13 unique J



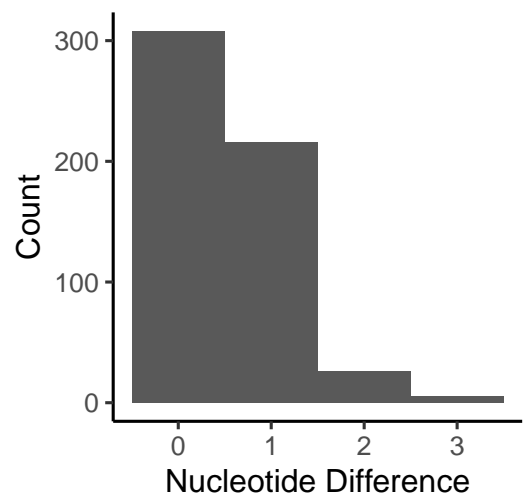
### TRBV6-7\*bp01

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



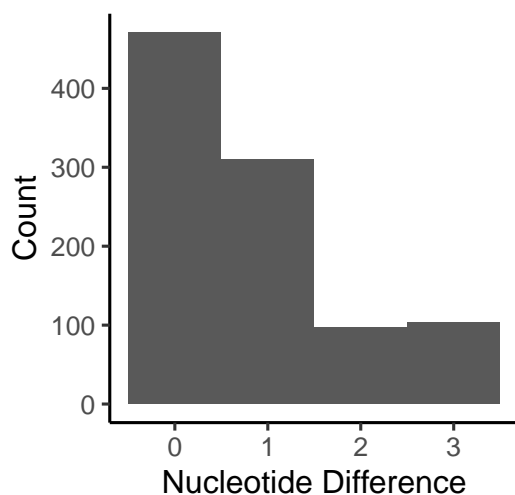
### TRBV6-23\*bp01

555 sequences assigned  
308 (55.5%) exact matches, in which:  
234 unique CDR3  
14 unique J



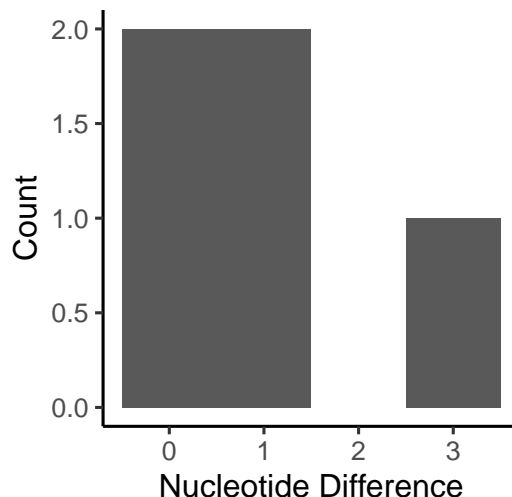
### TRBV6-5\*bp01

981 sequences assigned  
471 (48%) exact matches, in which:  
359 unique CDR3  
14 unique J



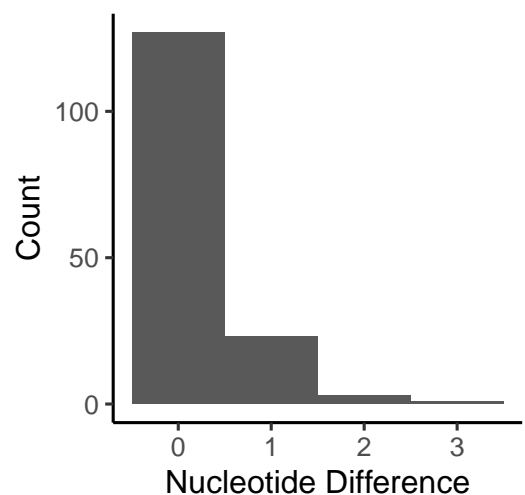
### TRBV6-8\*bp01

5 sequences assigned  
2 (40%) exact matches, in which:  
1 unique CDR3  
1 unique J



### TRBV7-2\*bp01

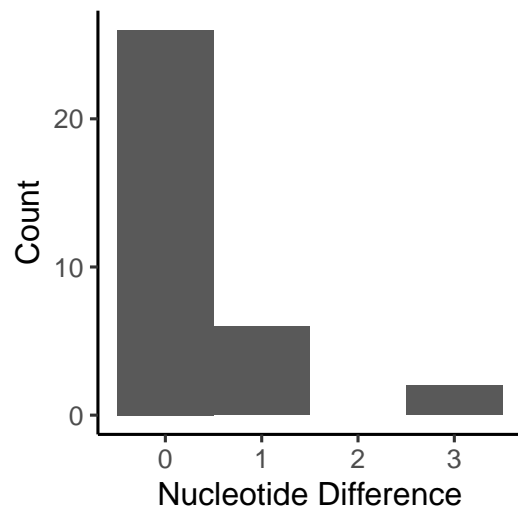
154 sequences assigned  
127 (82.5%) exact matches, in which:  
86 unique CDR3  
13 unique J





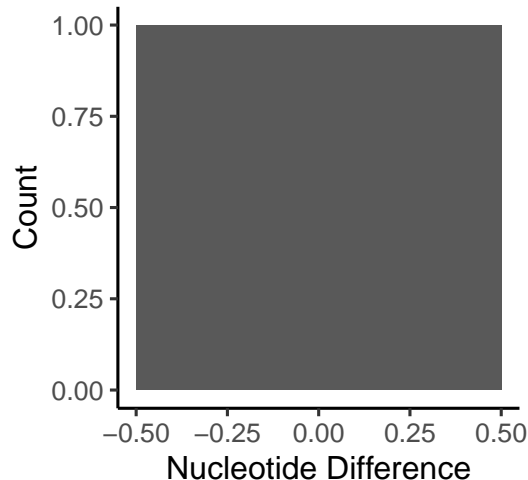
### TRBV7-3\*bp01

34 sequences assigned  
26 (76.5%) exact matches, in which:  
24 unique CDR3  
9 unique J



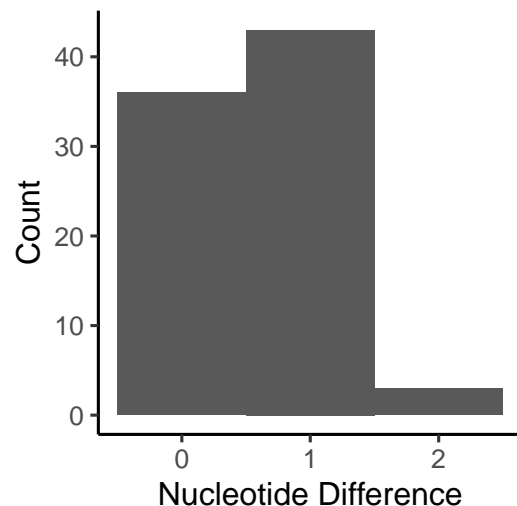
### TRBV7-7\*bp01

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



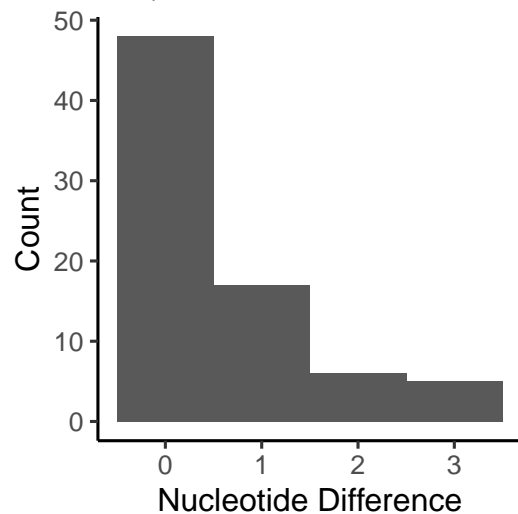
### TRBV29-1\*bp03

82 sequences assigned  
36 (43.9%) exact matches, in which:  
13 unique CDR3  
5 unique J



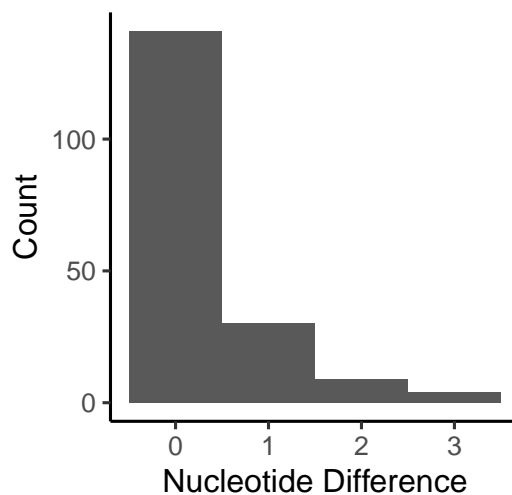
### TRBV7-4\*bp01

76 sequences assigned  
48 (63.2%) exact matches, in which:  
26 unique CDR3  
9 unique J



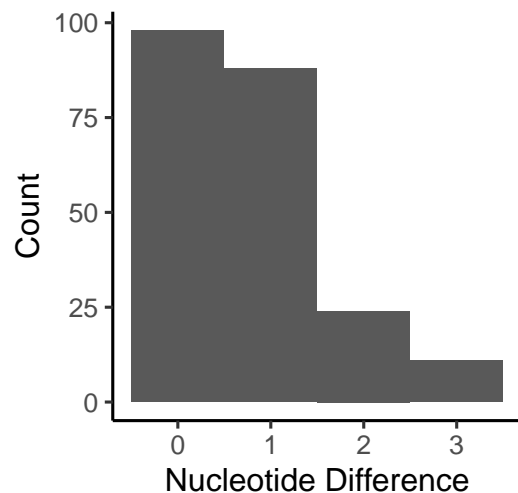
### TRBV7-9\*bp01

184 sequences assigned  
141 (76.6%) exact matches, in which:  
93 unique CDR3  
13 unique J



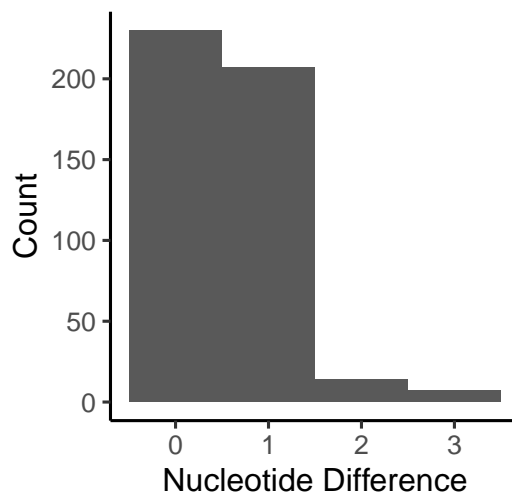
### TRBV7-6\*bp01

221 sequences assigned  
98 (44.3%) exact matches, in which:  
53 unique CDR3  
12 unique J

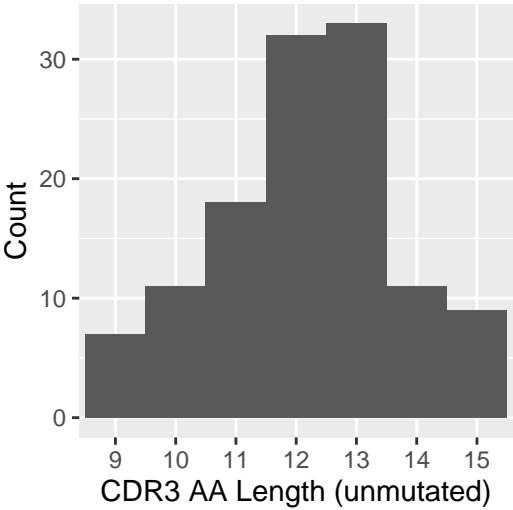


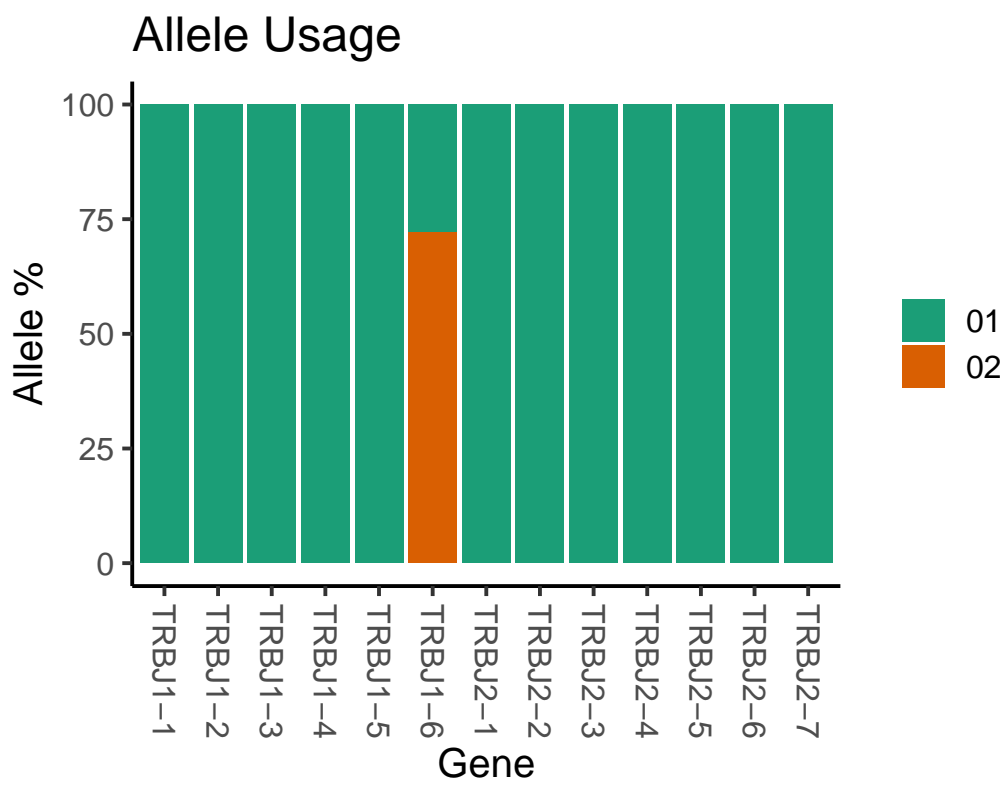
### TRBV29-1\*bp01

458 sequences assigned  
230 (50.2%) exact matches, in which:  
137 unique CDR3  
12 unique J

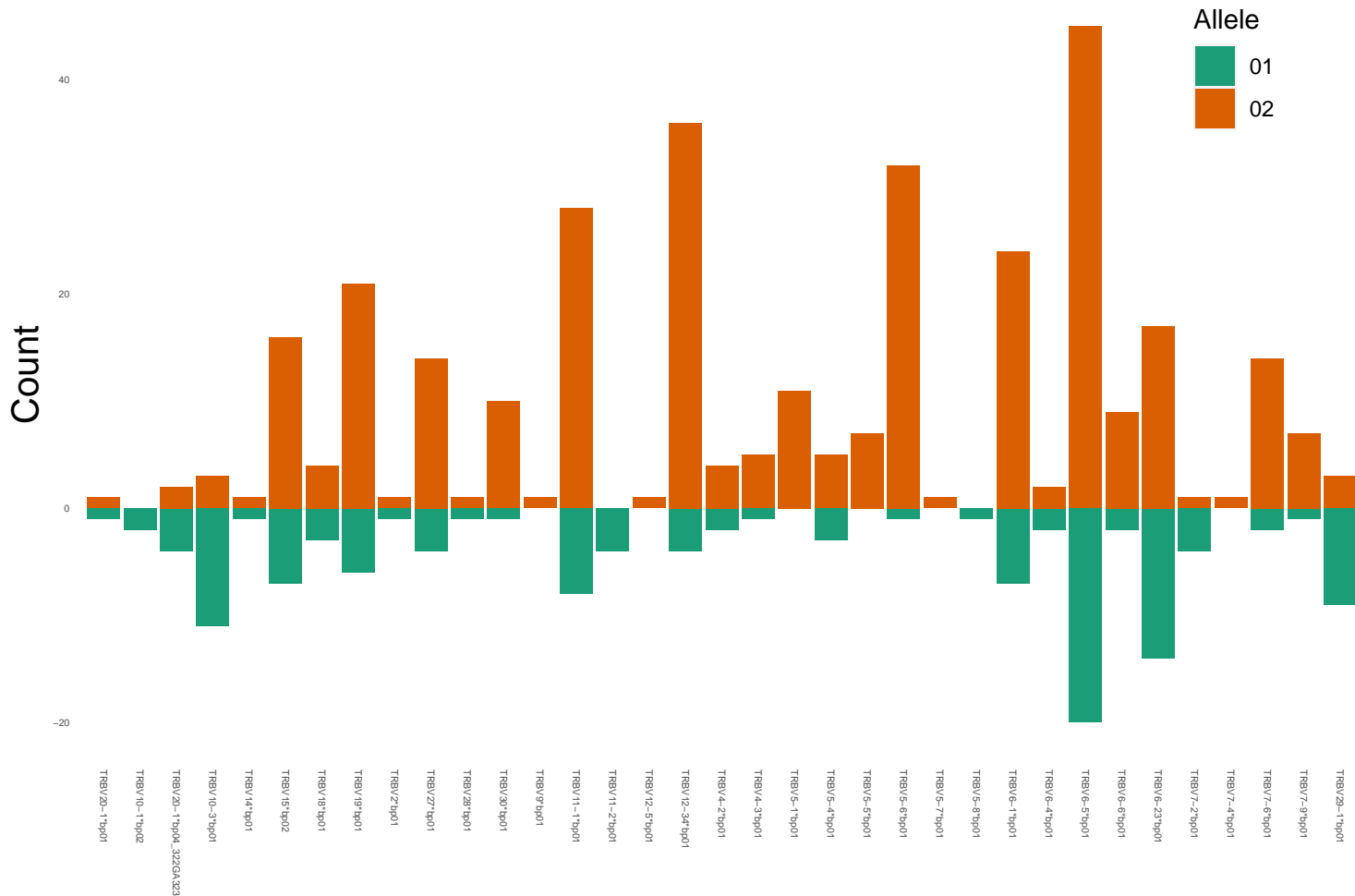


TRBV20-1\*bp04\_322GA323





Sequence Count by TRBJ1–6 allele usage



[illegible]