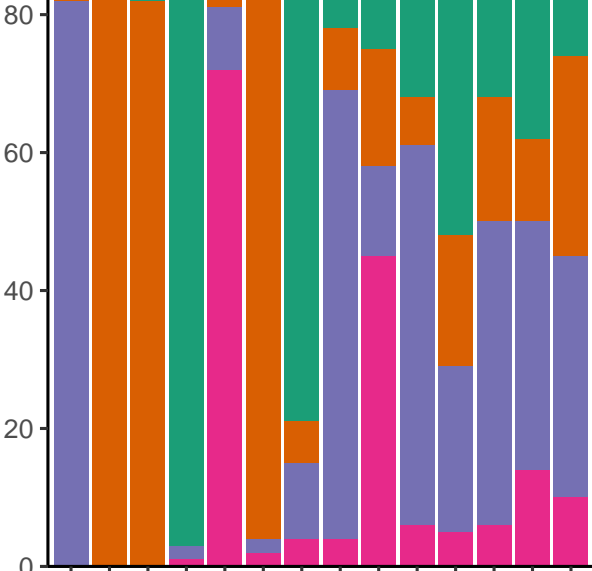


Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326

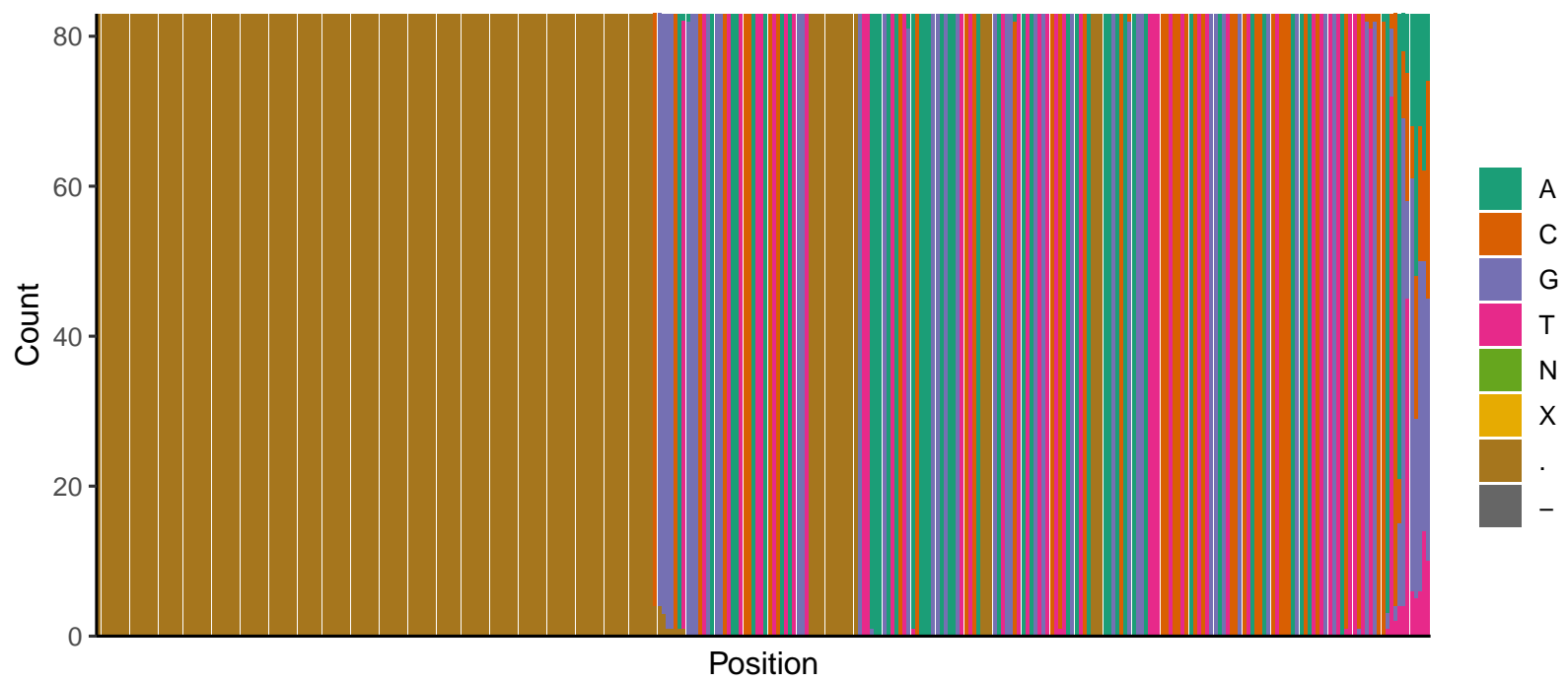
Count

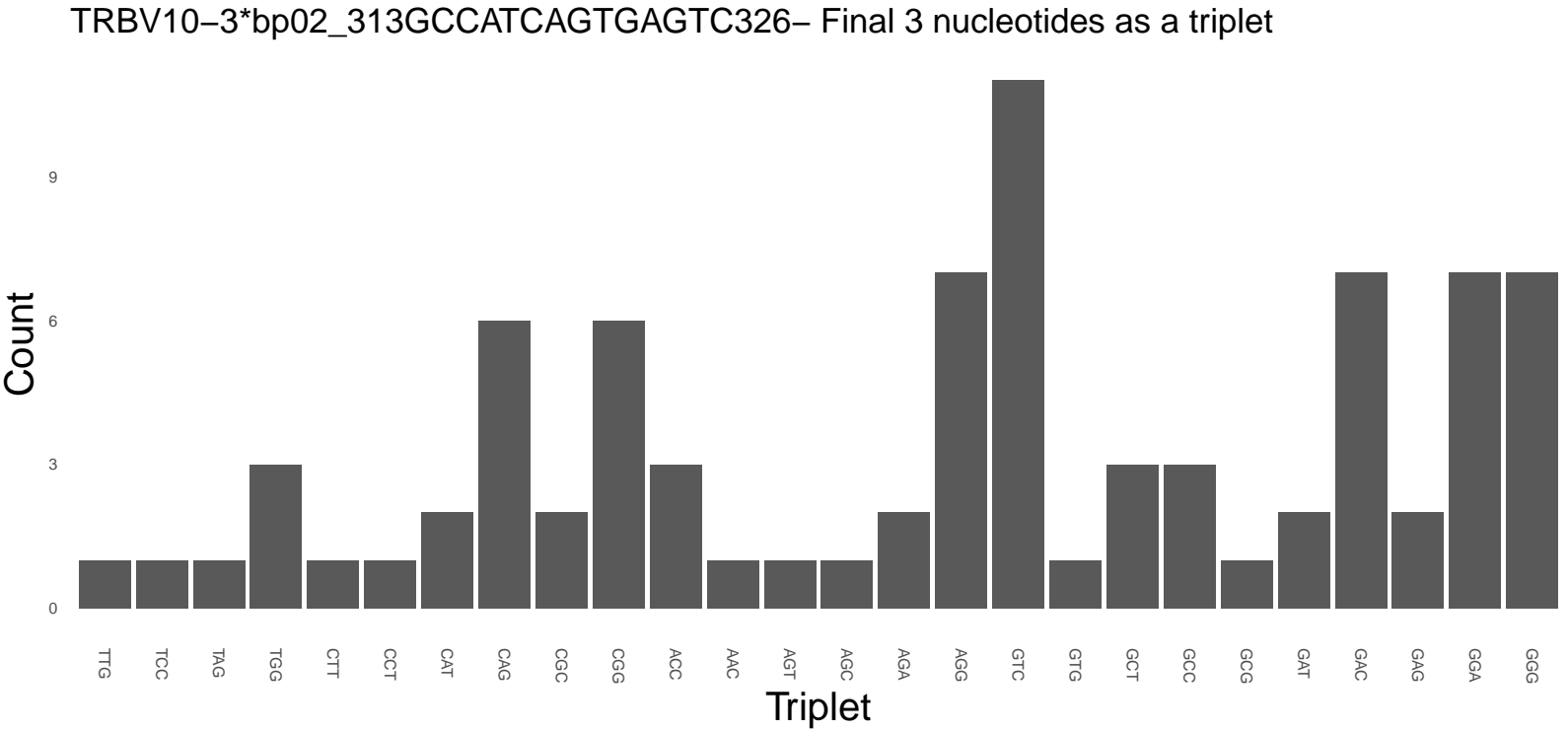
- A
- C
- G
- T

315 320 325  
G C C A T C A G T G A G T C  
Position



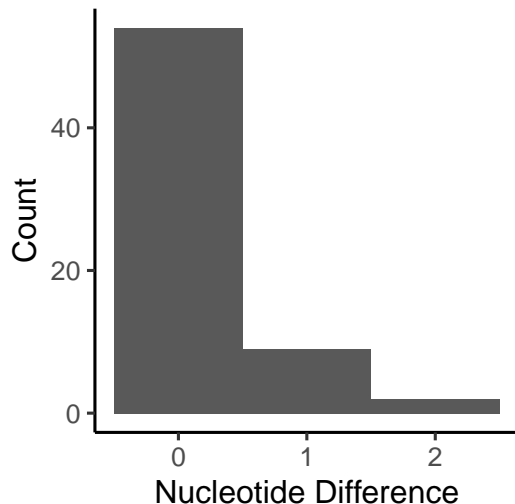
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326





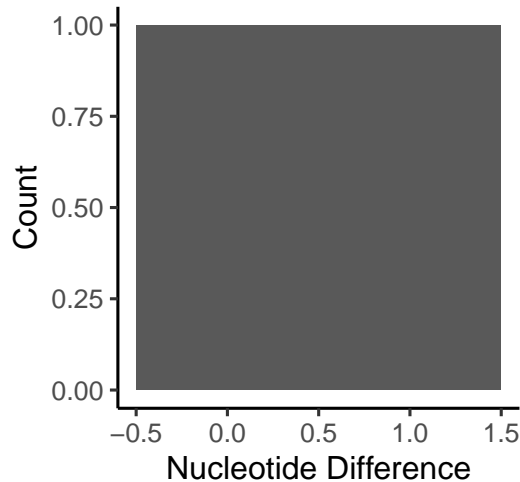
### TRBV20–1\*bp01

65 sequences assigned  
54 (83.1%) exact matches, in which:  
37 unique CDR3  
13 unique J



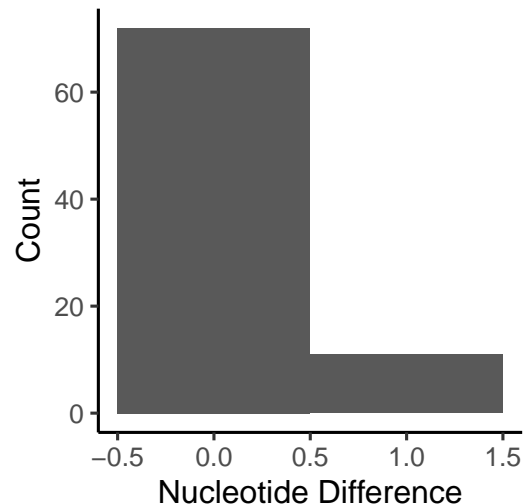
### TRBV10–2\*bp01

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



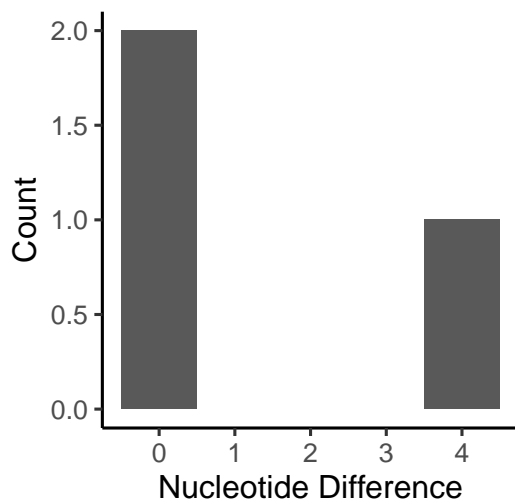
### TRBV10–3\*bp02\_313GCC

83 sequences assigned  
72 (86.7%) exact matches, in which:  
58 unique CDR3  
14 unique J



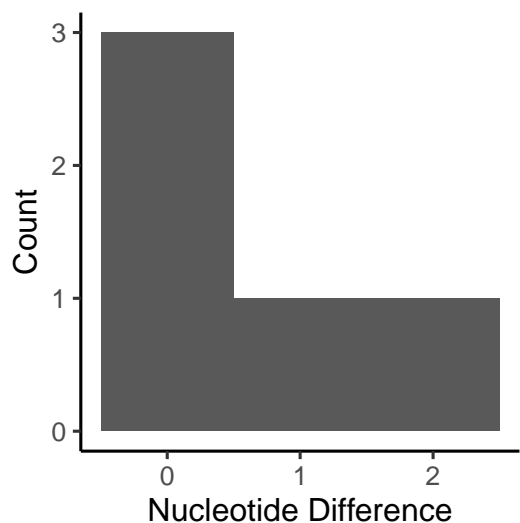
### TRBV10–1\*bp01

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



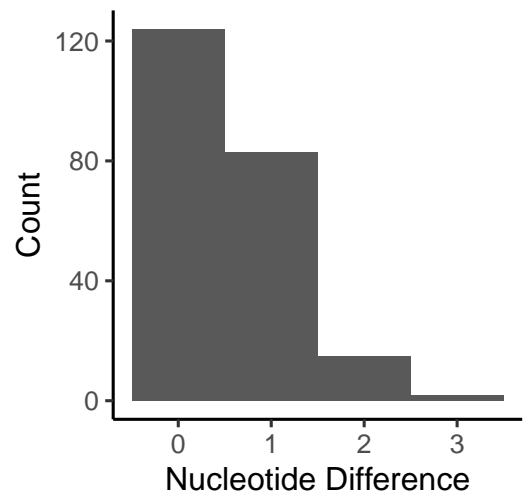
### TRBV10–2\*bp02

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



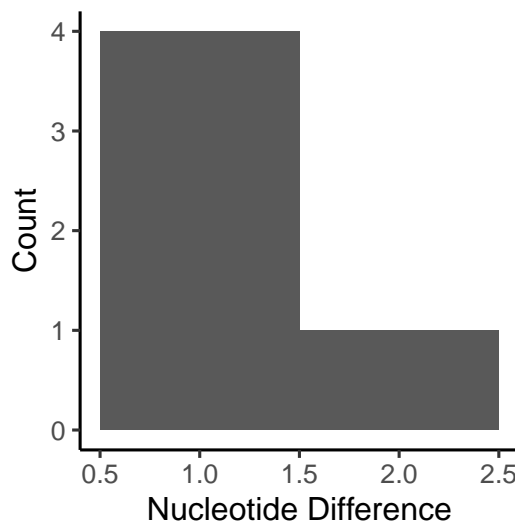
### TRBV13\*bp01

224 sequences assigned  
124 (55.4%) exact matches, in which:  
91 unique CDR3  
14 unique J



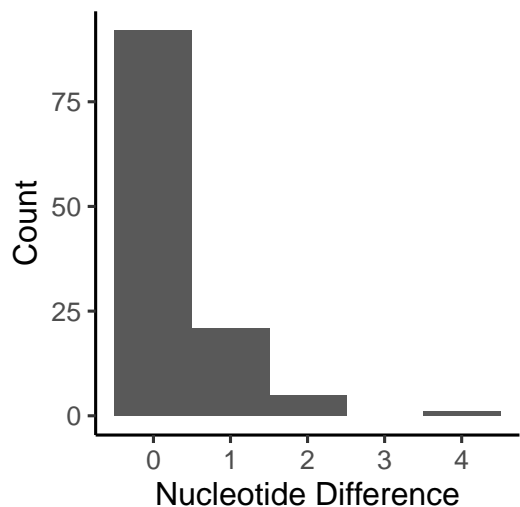
### TRBV10–1\*bp02

5 sequences assigned  
No exact matches.



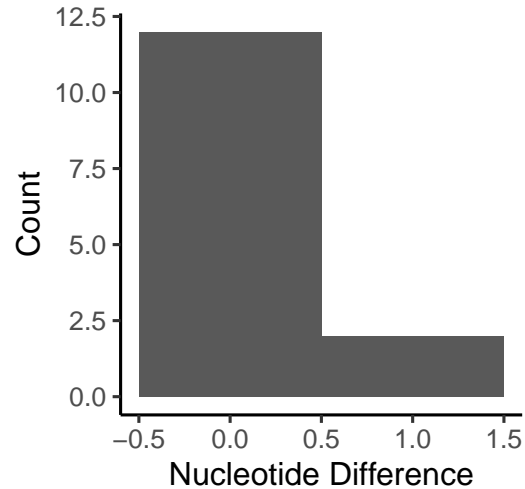
### TRBV10–3\*bp01

119 sequences assigned  
92 (77.3%) exact matches, in which:  
75 unique CDR3  
14 unique J



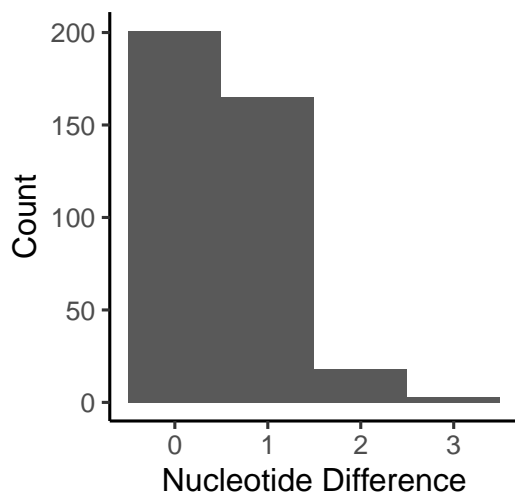
### TRBV14\*bp01

14 sequences assigned  
12 (85.7%) exact matches, in which:  
12 unique CDR3  
8 unique J



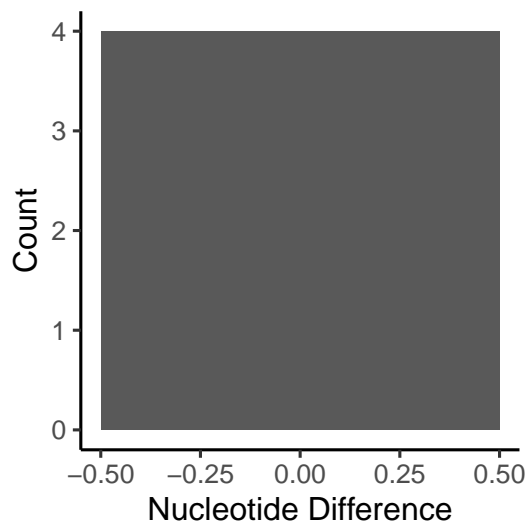
### TRBV15\*bp02

387 sequences assigned  
201 (51.9%) exact matches, in which:  
110 unique CDR3  
14 unique J



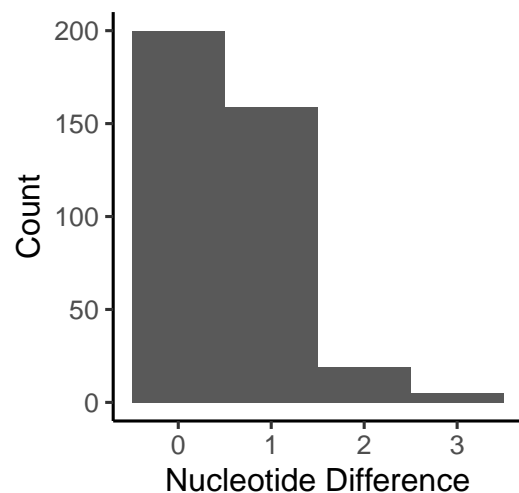
### TRBV2\*bp01

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



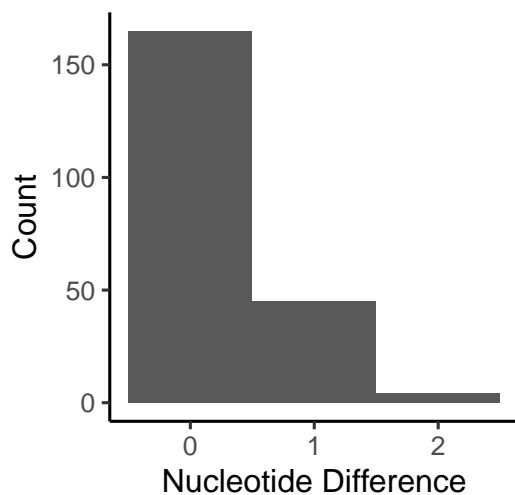
### TRBV30\*bp01

383 sequences assigned  
200 (52.2%) exact matches, in which:  
86 unique CDR3  
14 unique J



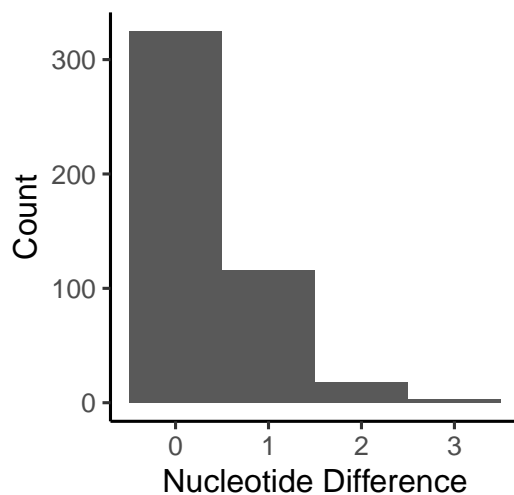
### TRBV18\*bp01

214 sequences assigned  
165 (77.1%) exact matches, in which:  
120 unique CDR3  
15 unique J



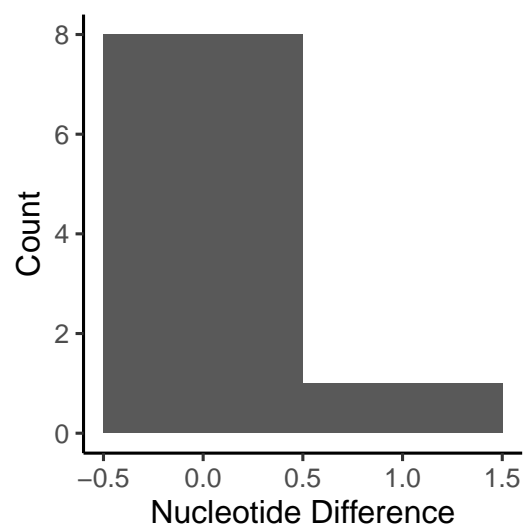
### TRBV27\*bp01

462 sequences assigned  
325 (70.3%) exact matches, in which:  
255 unique CDR3  
15 unique J



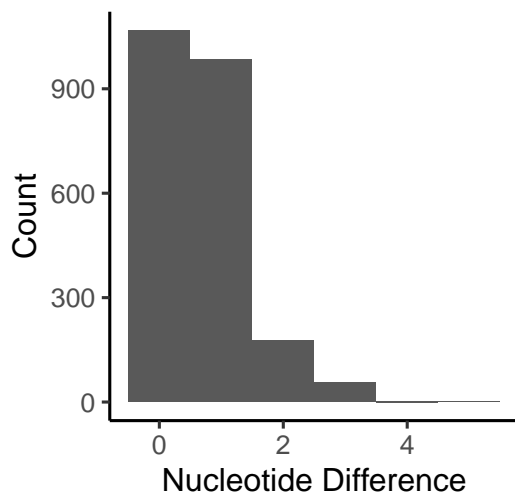
### TRBV9\*bp01

9 sequences assigned  
8 (88.9%) exact matches, in which:  
8 unique CDR3  
6 unique J



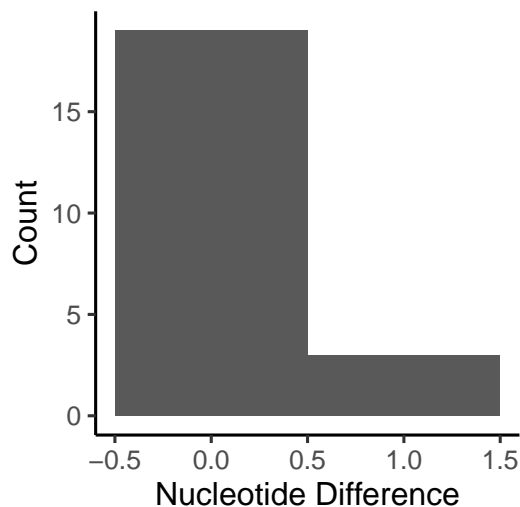
### TRBV19\*bp01

2288 sequences assigned  
1068 (46.7%) exact matches, in which:  
678 unique CDR3  
15 unique J



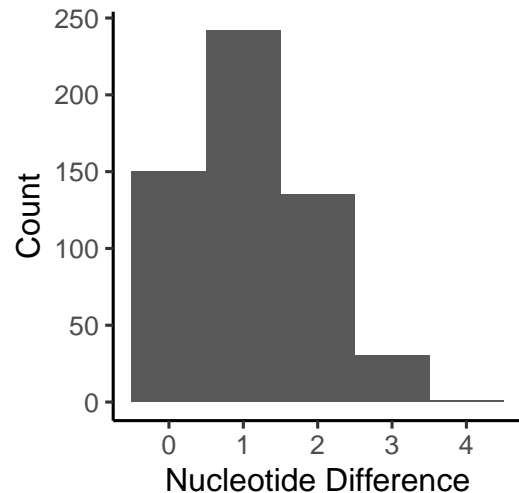
### TRBV28\*bp01

22 sequences assigned  
19 (86.4%) exact matches, in which:  
14 unique CDR3  
7 unique J



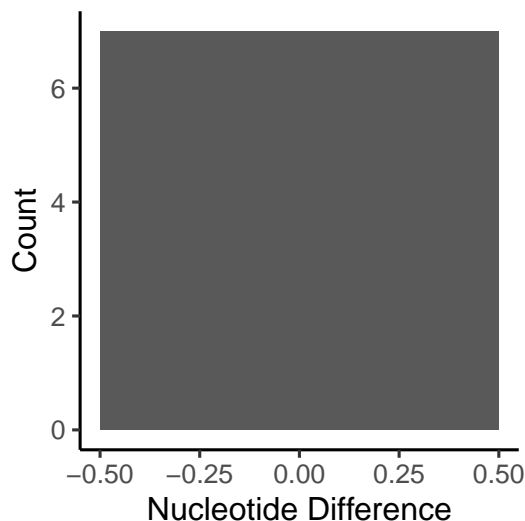
### TRBV11-1\*bp01

558 sequences assigned  
150 (26.9%) exact matches, in which:  
102 unique CDR3  
13 unique J



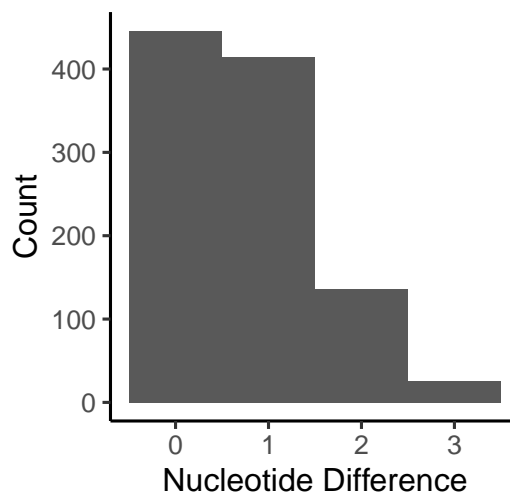
### TRBV21–1\*bp01

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



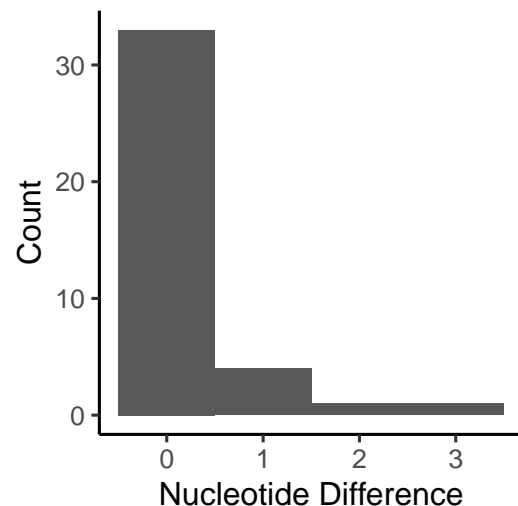
### TRBV11–3\*bp01

1022 sequences assigned  
446 (43.6%) exact matches, in which:  
298 unique CDR3  
15 unique J



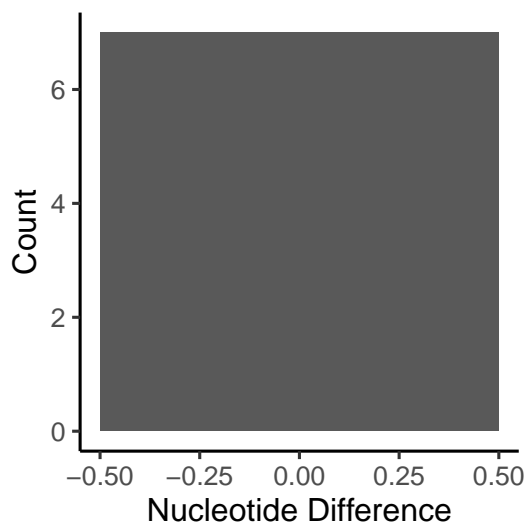
### TRBV24–1\*bp01

39 sequences assigned  
33 (84.6%) exact matches, in which:  
25 unique CDR3  
10 unique J



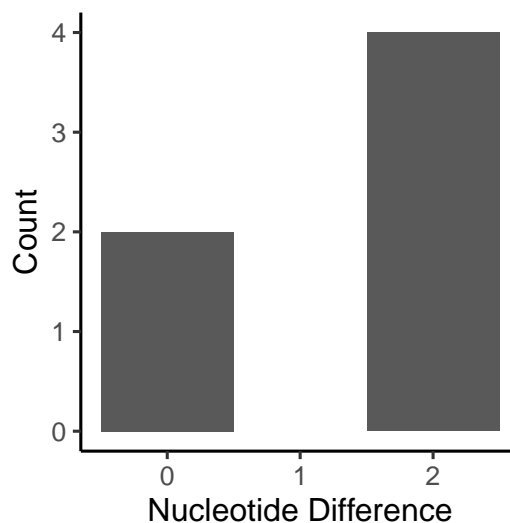
### TRBV21–1\*bp02

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



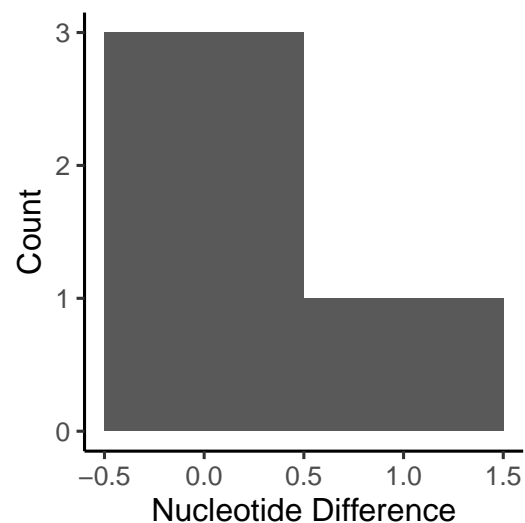
### TRBV12–5\*bp01

6 sequences assigned  
2 (33.3%) exact matches, in which:  
2 unique CDR3  
2 unique J



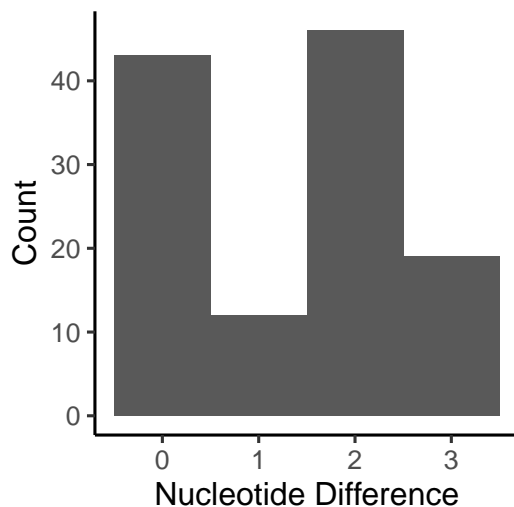
### TRBV4–1\*bp01

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



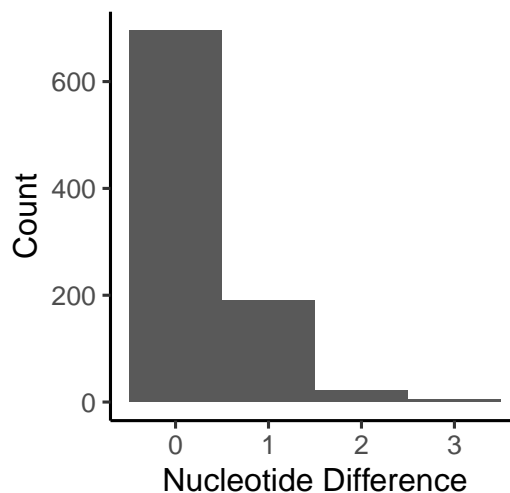
### TRBV11–2\*bp01

120 sequences assigned  
43 (35.8%) exact matches, in which:  
39 unique CDR3  
11 unique J



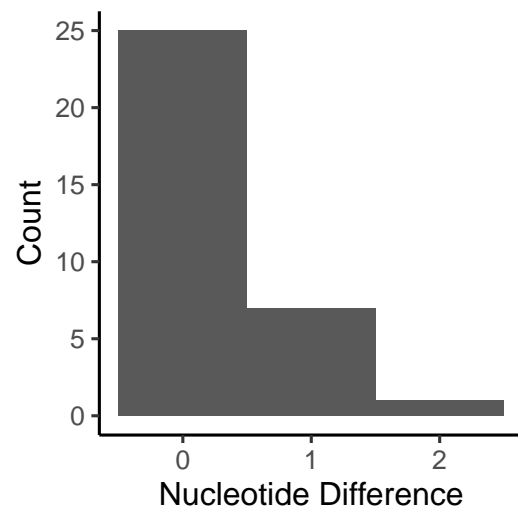
### TRBV12–34\*bp01

913 sequences assigned  
696 (76.2%) exact matches, in which:  
386 unique CDR3  
15 unique J



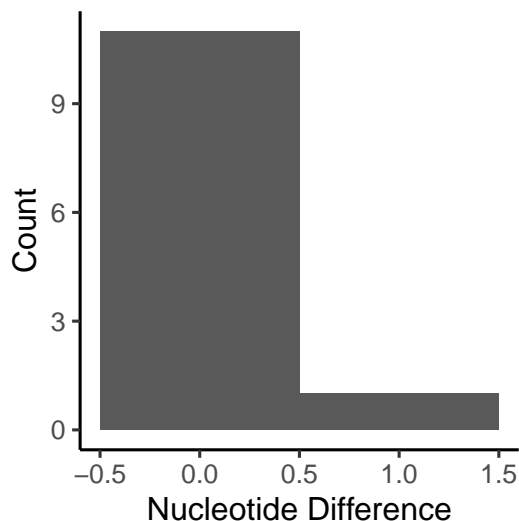
### TRBV24–1\*bp02

33 sequences assigned  
25 (75.8%) exact matches, in which:  
23 unique CDR3  
9 unique J



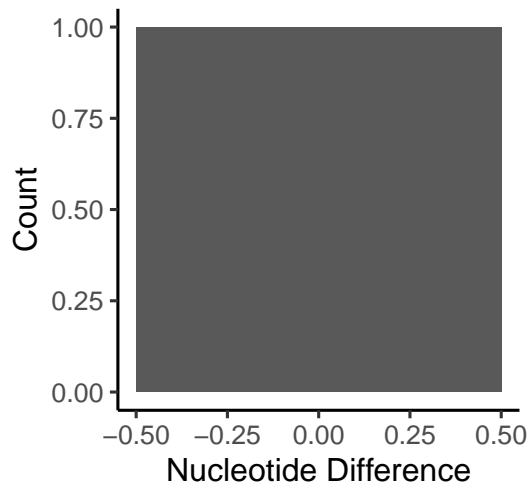
### TRBV4-2\*bp01

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



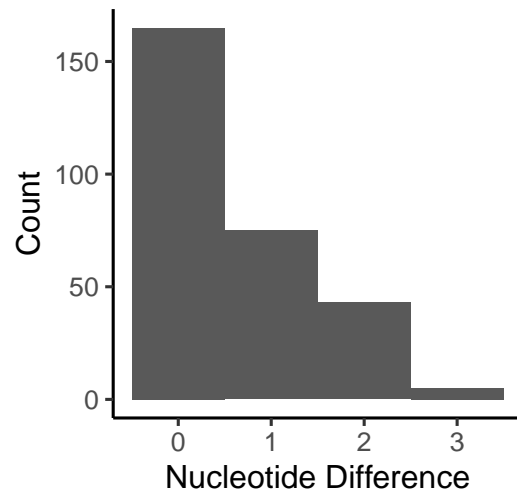
### TRBV25-1\*bp01

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



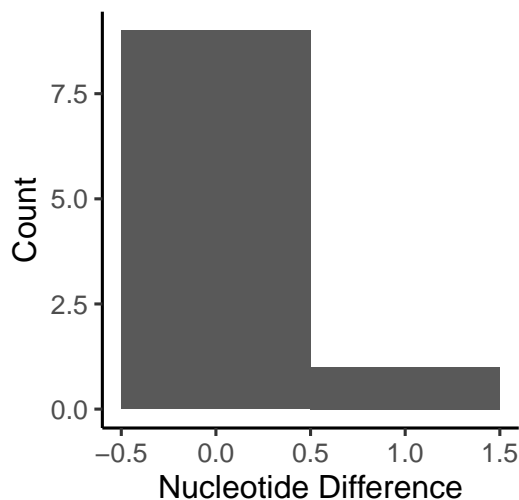
### TRBV5-5\*bp01

288 sequences assigned  
165 (57.3%) exact matches, in which:  
102 unique CDR3  
14 unique J



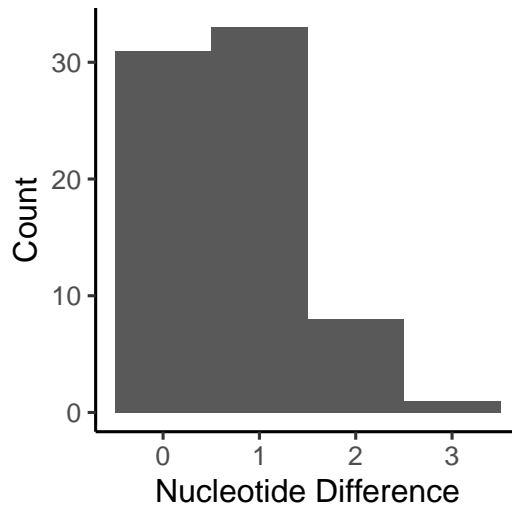
### TRBV4-3\*bp01

10 sequences assigned  
9 (90%) exact matches, in which:  
8 unique CDR3  
5 unique J



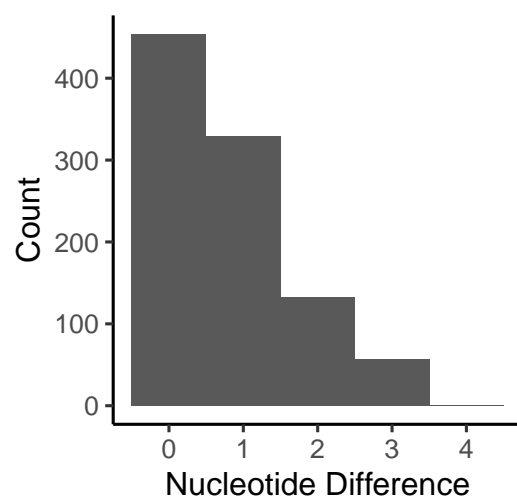
### TRBV5-3\*bp01

73 sequences assigned  
31 (42.5%) exact matches, in which:  
24 unique CDR3  
9 unique J



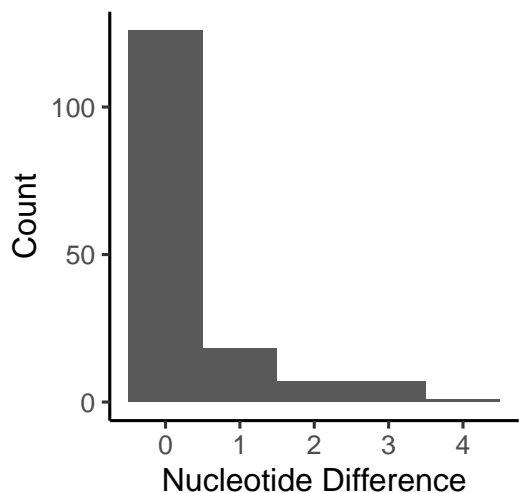
### TRBV5-6\*bp01

974 sequences assigned  
454 (46.6%) exact matches, in which:  
297 unique CDR3  
15 unique J



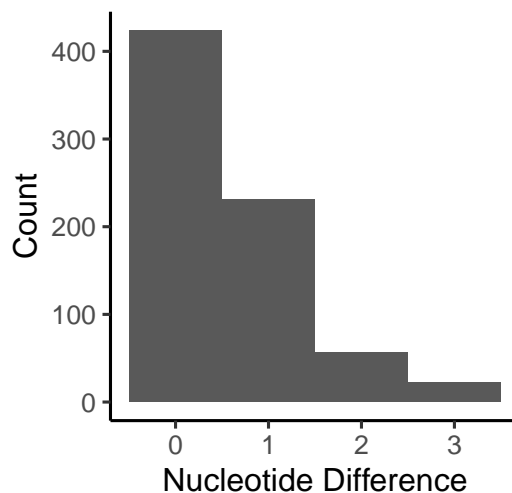
### TRBV5-1\*bp01

159 sequences assigned  
126 (79.2%) exact matches, in which:  
104 unique CDR3  
13 unique J



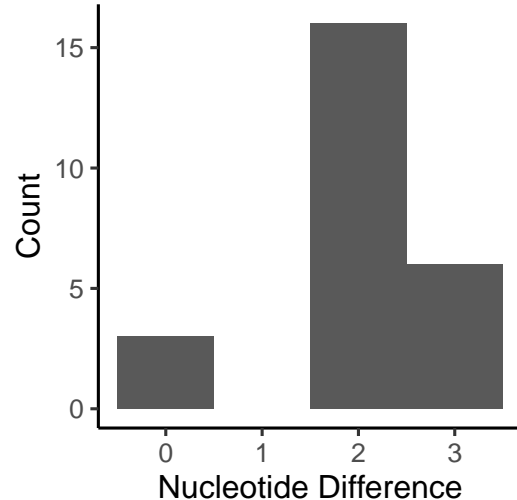
### TRBV5-4\*bp01

734 sequences assigned  
424 (57.8%) exact matches, in which:  
294 unique CDR3  
15 unique J



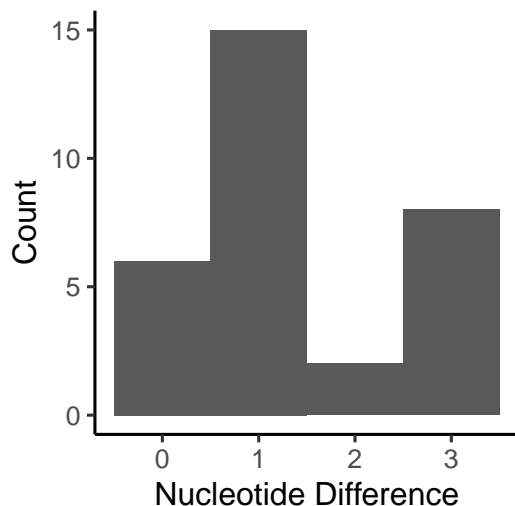
### TRBV5-7\*bp01

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



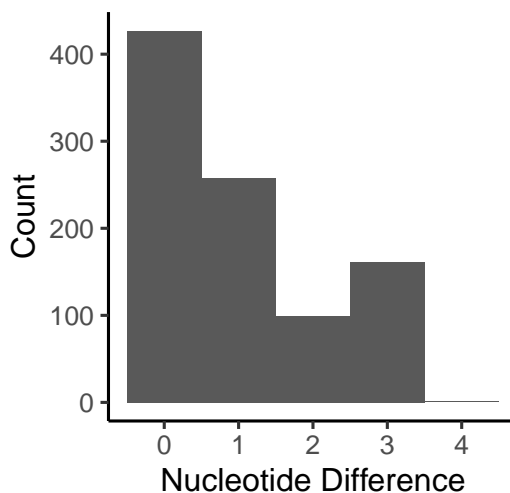
### TRBV5-8\*bp01

31 sequences assigned  
6 (19.4%) exact matches, in which:  
5 unique CDR3  
3 unique J



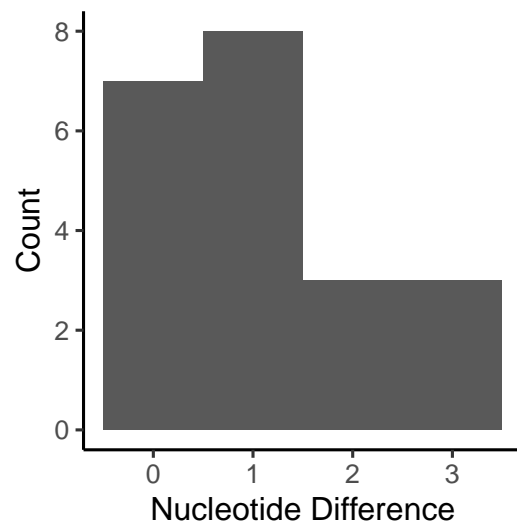
### TRBV6-5\*bp01

946 sequences assigned  
427 (45.1%) exact matches, in which:  
349 unique CDR3  
15 unique J



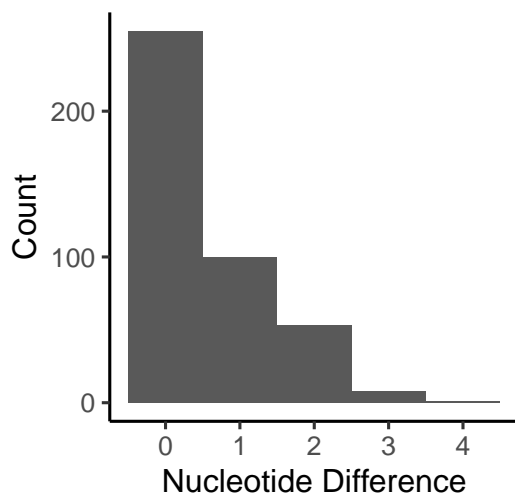
### TRBV6-8\*bp01

21 sequences assigned  
7 (33.3%) exact matches, in which:  
7 unique CDR3  
6 unique J



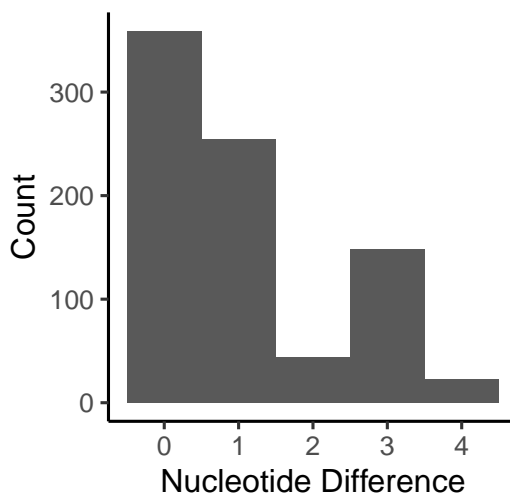
### TRBV6-1\*bp01

417 sequences assigned  
255 (61.2%) exact matches, in which:  
216 unique CDR3  
15 unique J



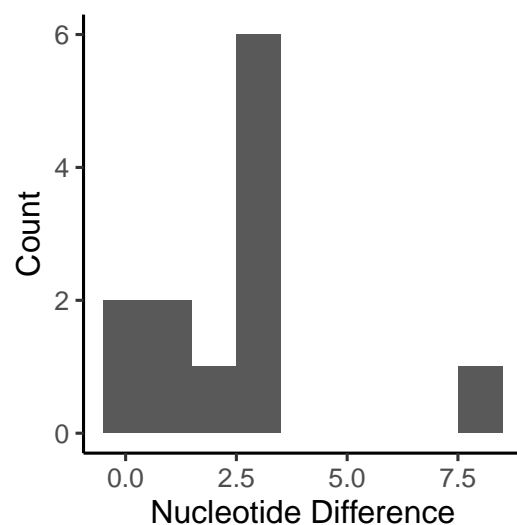
### TRBV6-6\*bp01

828 sequences assigned  
359 (43.4%) exact matches, in which:  
296 unique CDR3  
15 unique J



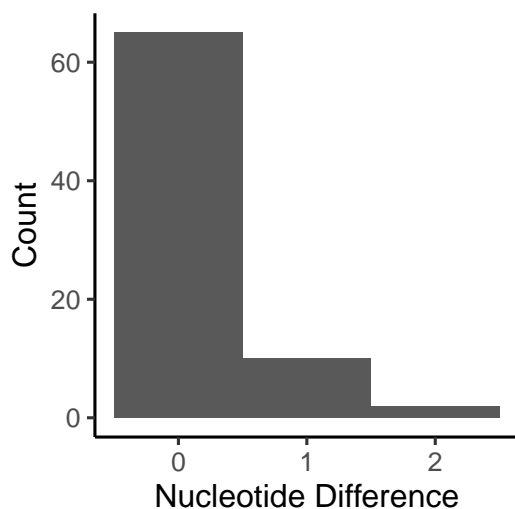
### TRBV6-9\*bp01

12 sequences assigned  
2 (16.7%) exact matches, in which:  
2 unique CDR3  
2 unique J



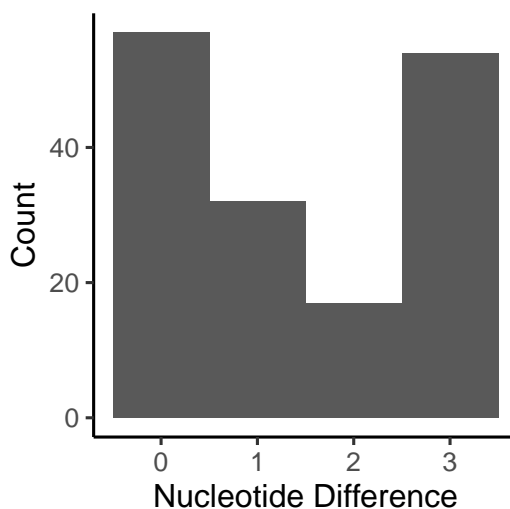
### TRBV6-4\*bp01

77 sequences assigned  
65 (84.4%) exact matches, in which:  
48 unique CDR3  
15 unique J



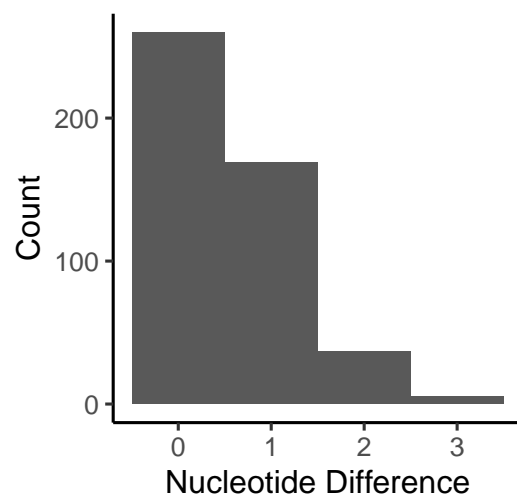
### TRBV6-6\*bp02

160 sequences assigned  
57 (35.6%) exact matches, in which:  
55 unique CDR3  
13 unique J



### TRBV6-23\*bp01

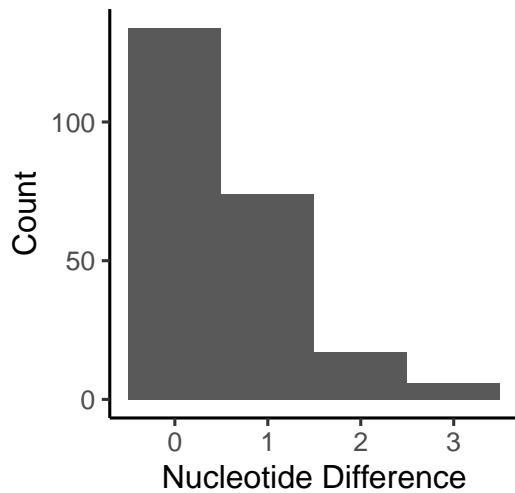
471 sequences assigned  
260 (55.2%) exact matches, in which:  
207 unique CDR3  
15 unique J





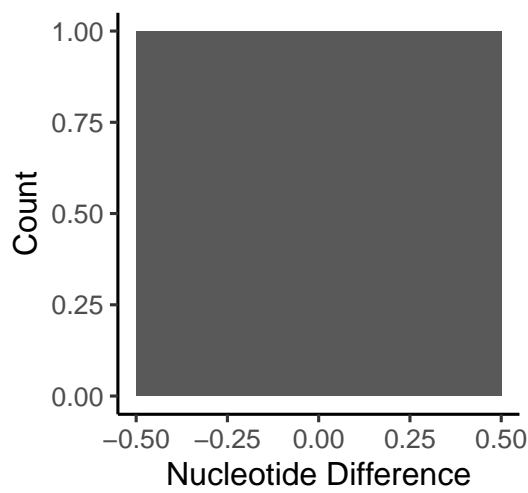
### TRBV7-2\*bp01

231 sequences assigned  
134 (58%) exact matches, in which:  
99 unique CDR3  
14 unique J



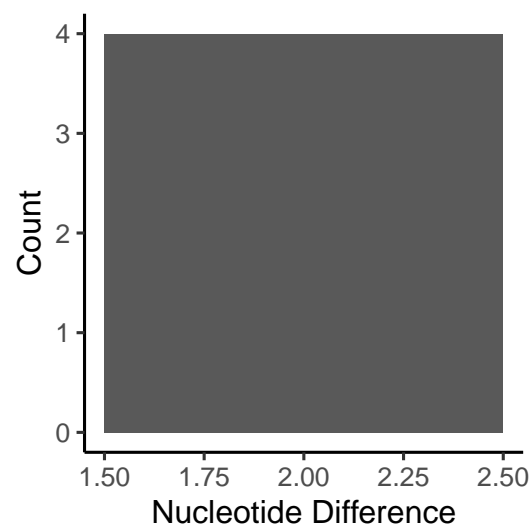
### TRBV7-3\*bp03

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



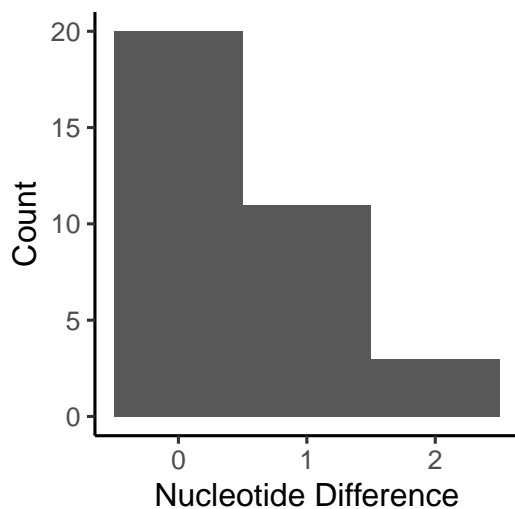
### TRBV7-7\*bp01

4 sequences assigned  
No exact matches.



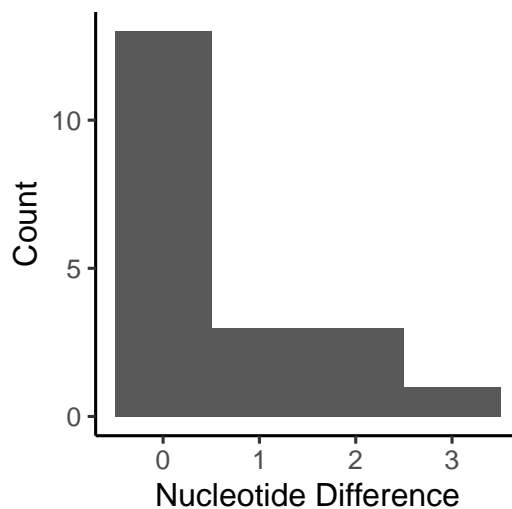
### TRBV7-2\*bp02

34 sequences assigned  
20 (58.8%) exact matches, in which:  
19 unique CDR3  
7 unique J



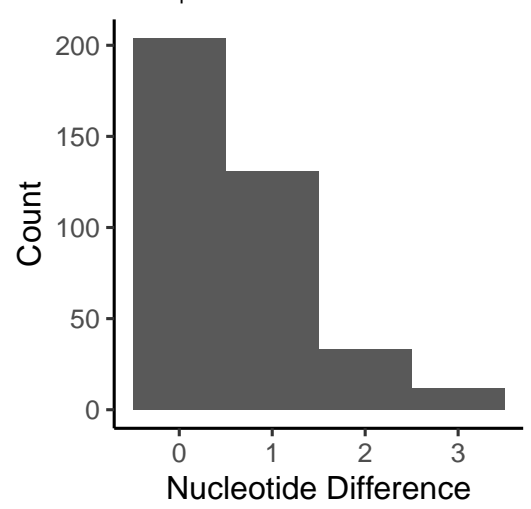
### TRBV7-4\*bp01

20 sequences assigned  
13 (65%) exact matches, in which:  
8 unique CDR3  
7 unique J



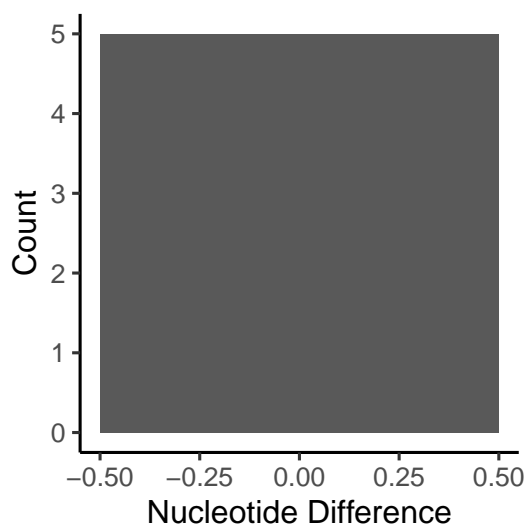
### TRBV7-9\*bp01

380 sequences assigned  
204 (53.7%) exact matches, in which:  
137 unique CDR3  
14 unique J



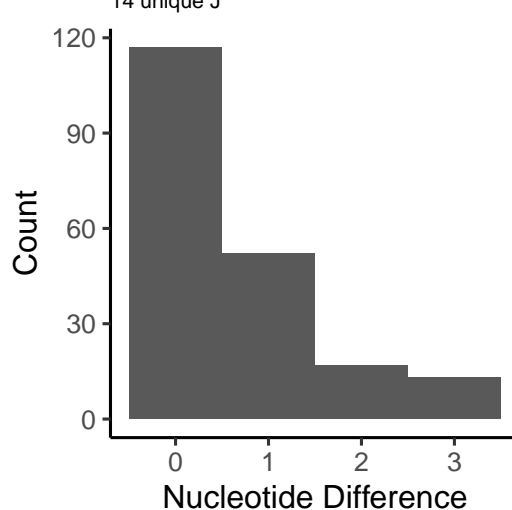
### TRBV7-3\*bp01

5 sequences assigned  
5 (100%) exact matches, in which:  
5 unique CDR3  
4 unique J



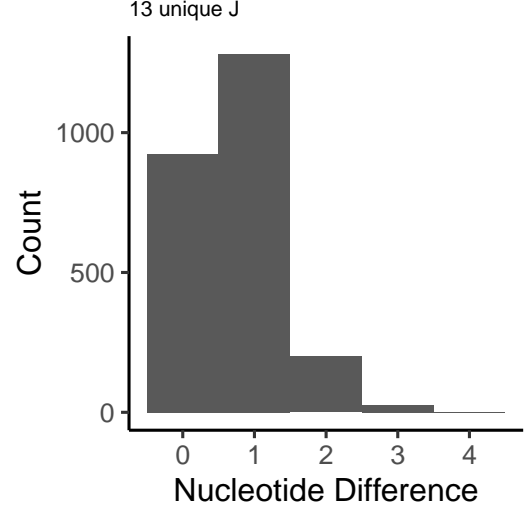
### TRBV7-6\*bp01

199 sequences assigned  
117 (58.8%) exact matches, in which:  
76 unique CDR3  
14 unique J

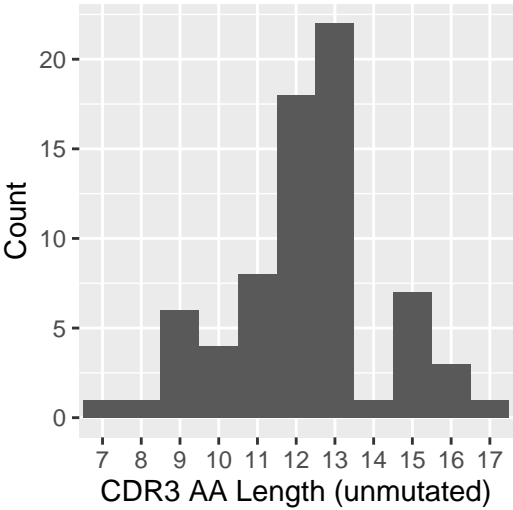


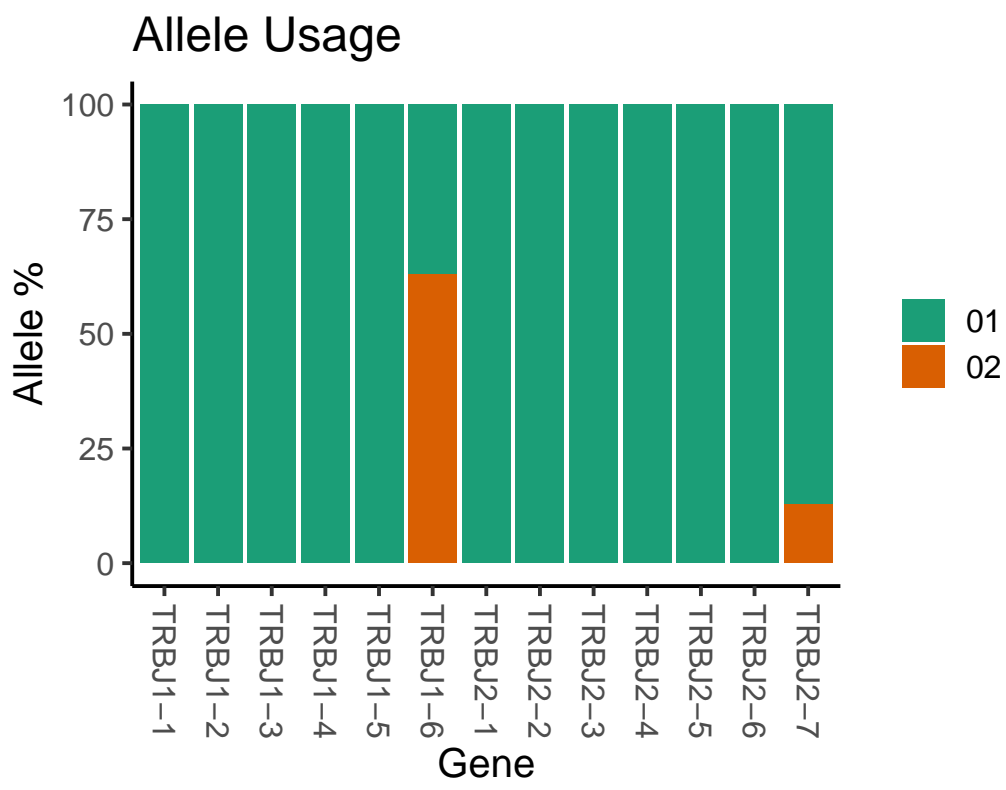
### TRBV29-1\*bp01

2433 sequences assigned  
924 (38%) exact matches, in which:  
555 unique CDR3  
13 unique J

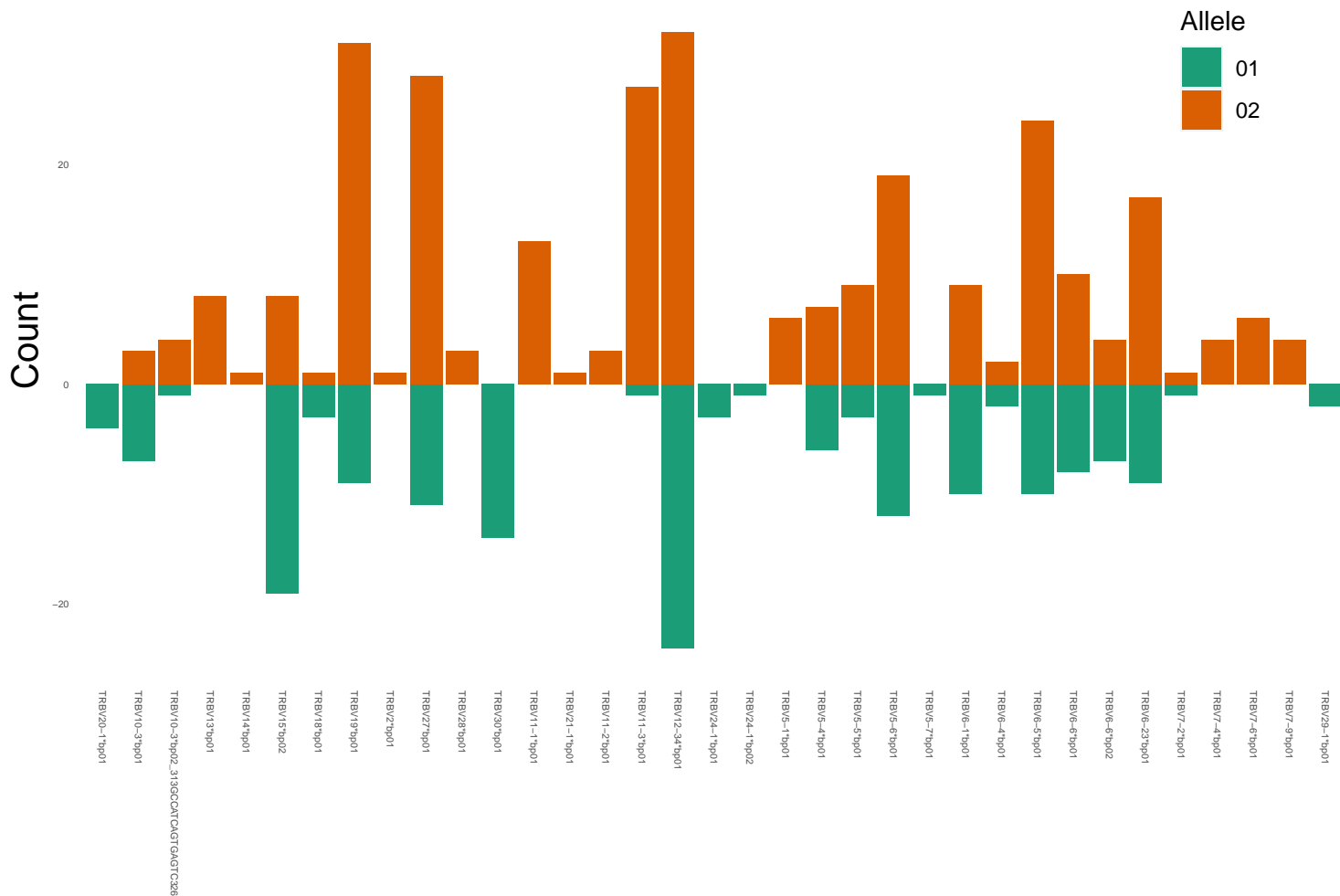


TRBV10-3\*bp02\_313GCCATCAGTGAGTC326





Sequence Count by TRBJ1–6 allele usage



[illegible]