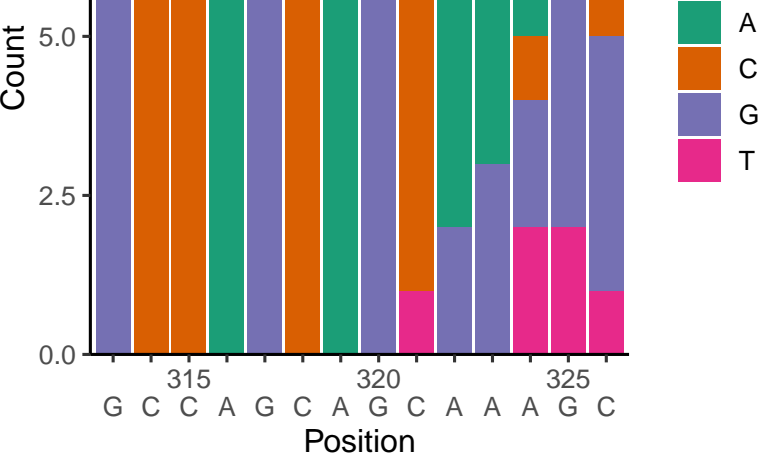


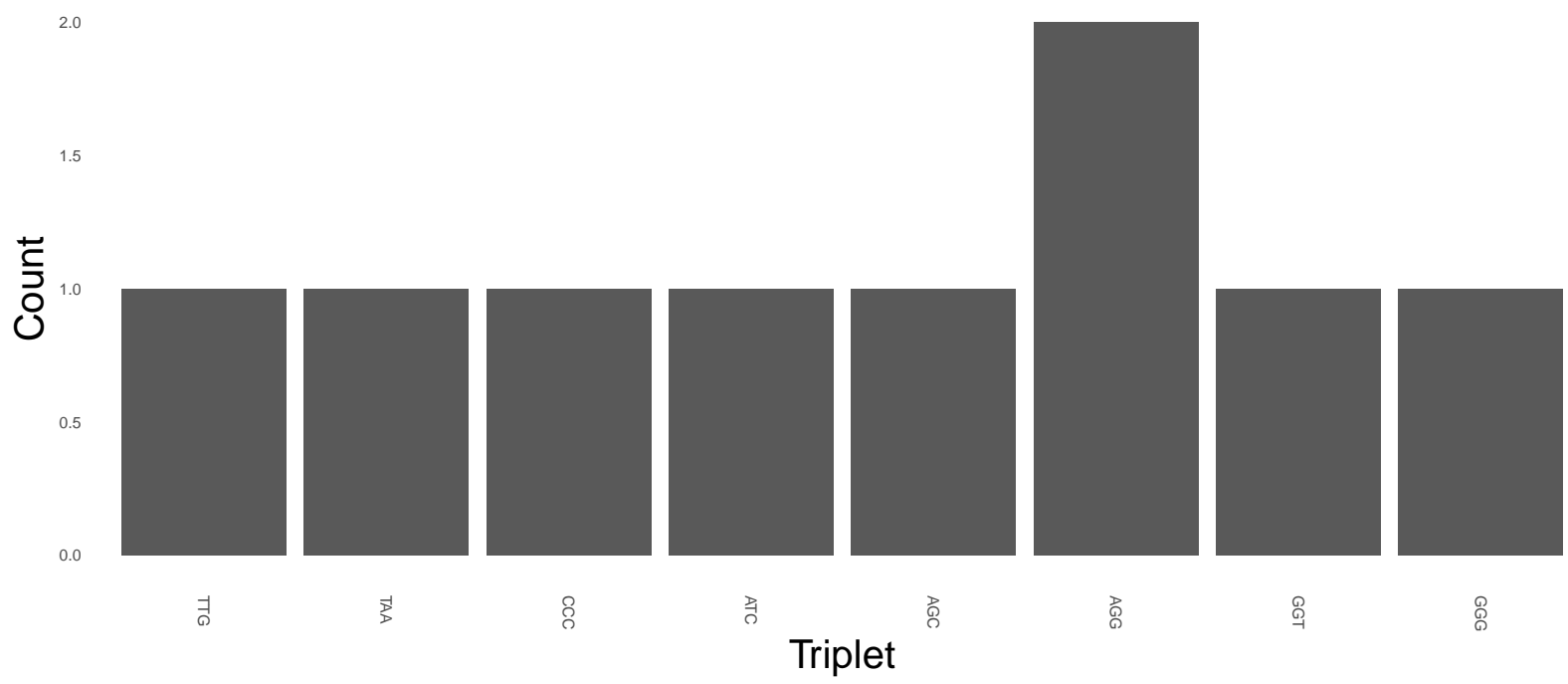
Gene TRBV21-1\*bp01\_C199T



Gene TRBV21-1\*bp01\_C199T

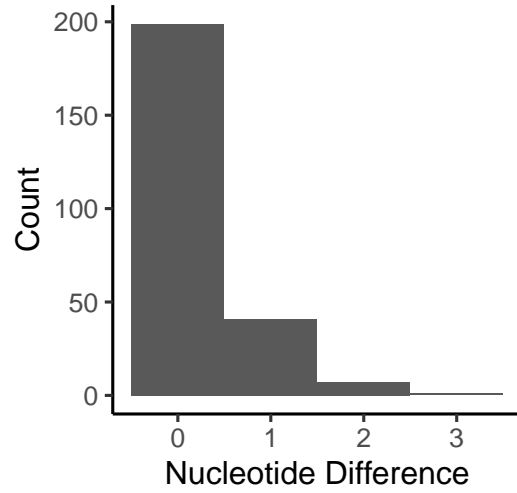


TRBV21-1\*bp01\_C199T- Final 3 nucleotides as a triplet



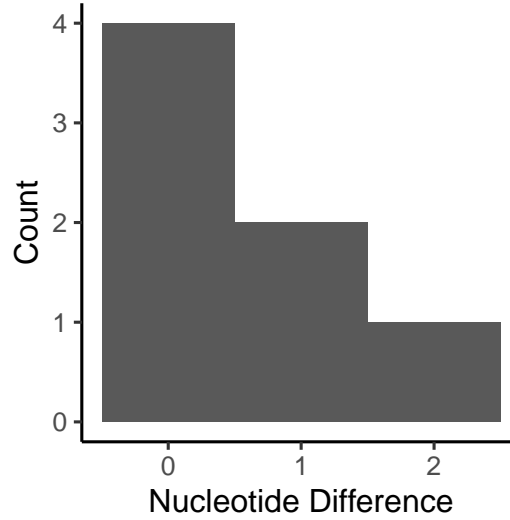
### TRBV20–1\*bp01

248 sequences assigned  
199 (80.2%) exact matches, in which:  
127 unique CDR3  
12 unique J



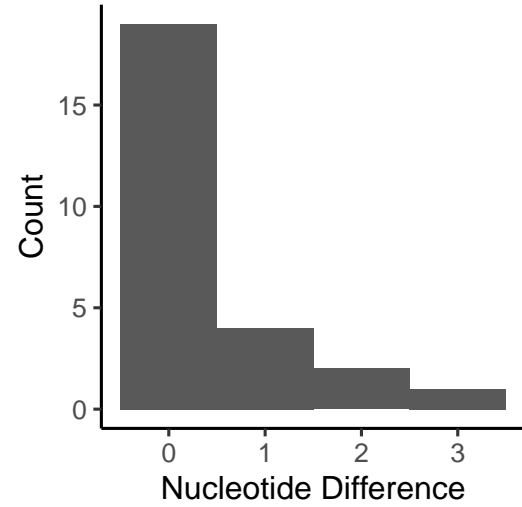
### TRBV10–2\*bp01

7 sequences assigned  
4 (57.1%) exact matches, in which:  
3 unique CDR3  
3 unique J



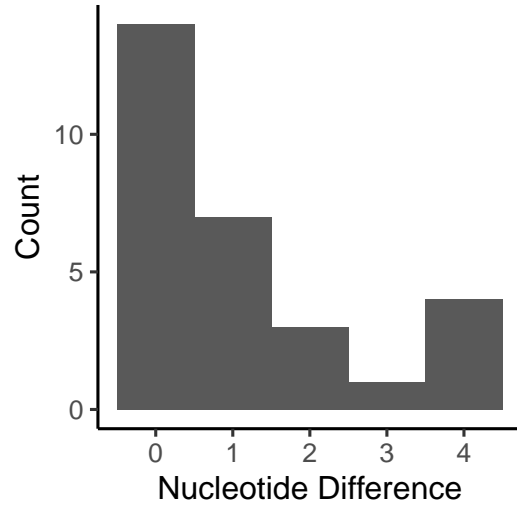
### TRBV14\*bp01

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



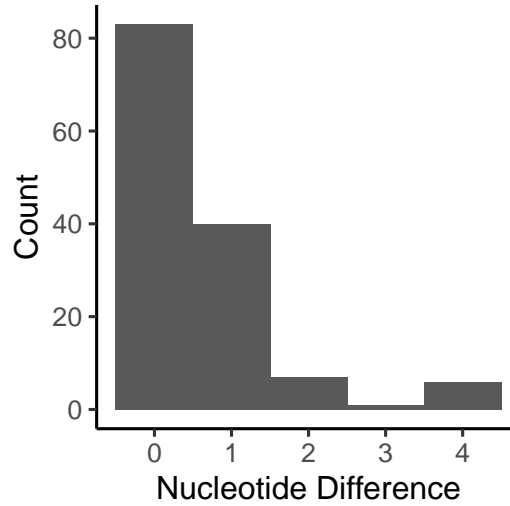
### TRBV10–1\*bp01

29 sequences assigned  
14 (48.3%) exact matches, in which:  
13 unique CDR3  
6 unique J



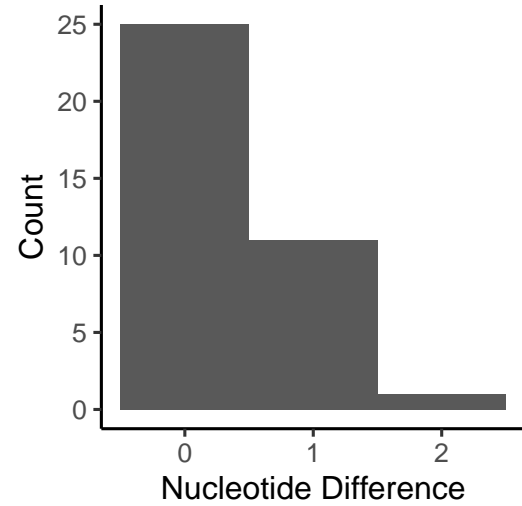
### TRBV10–3\*bp01

137 sequences assigned  
83 (60.6%) exact matches, in which:  
65 unique CDR3  
11 unique J



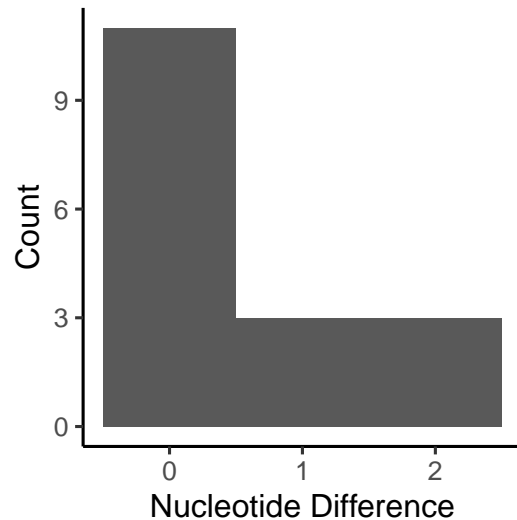
### TRBV15\*bp01

37 sequences assigned  
25 (67.6%) exact matches, in which:  
19 unique CDR3  
9 unique J



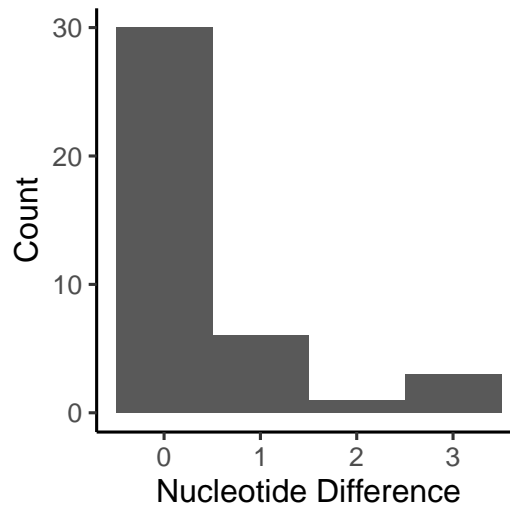
### TRBV10–1\*bp02

17 sequences assigned  
11 (64.7%) exact matches, in which:  
10 unique CDR3  
7 unique J



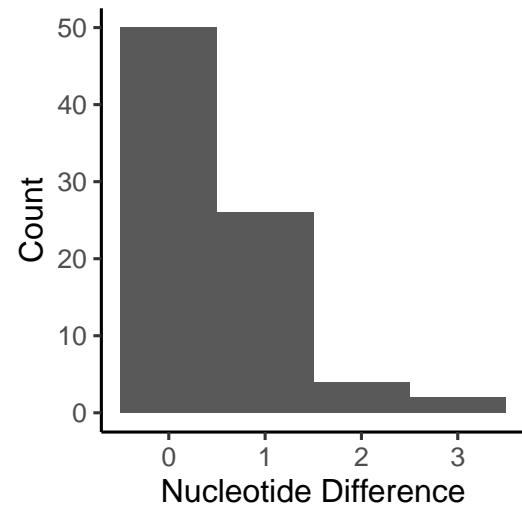
### TRBV13\*bp01

40 sequences assigned  
30 (75%) exact matches, in which:  
27 unique CDR3  
10 unique J



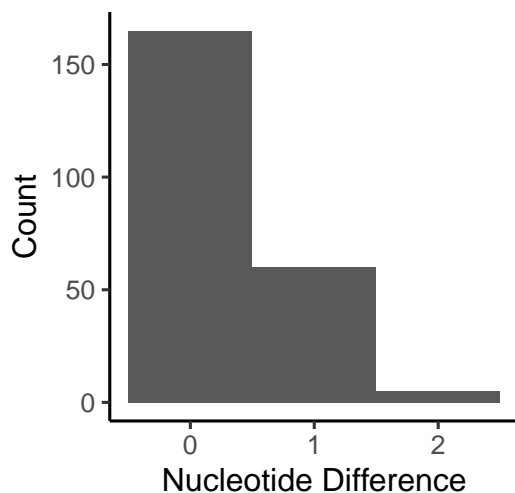
### TRBV15\*bp02

82 sequences assigned  
50 (61%) exact matches, in which:  
36 unique CDR3  
10 unique J



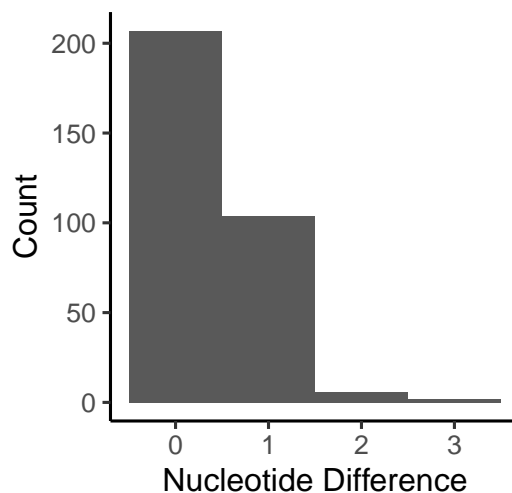
### TRBV18\*bp01

230 sequences assigned  
165 (71.7%) exact matches, in which:  
91 unique CDR3  
12 unique J



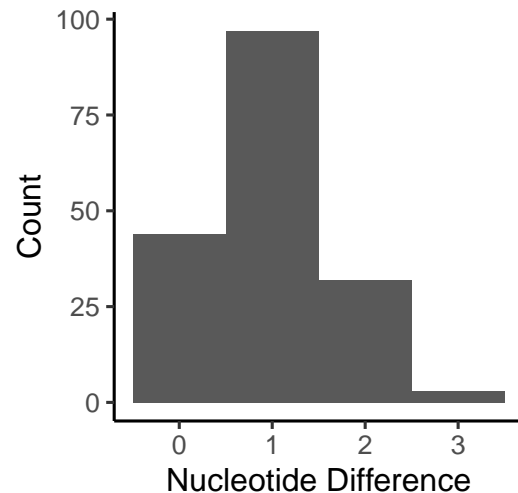
### TRBV27\*bp01

319 sequences assigned  
207 (64.9%) exact matches, in which:  
161 unique CDR3  
13 unique J



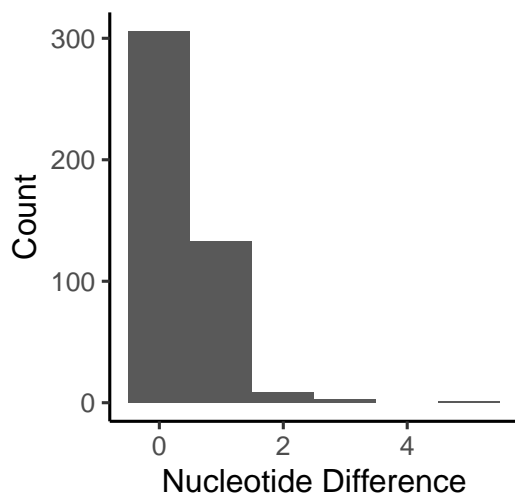
### TRBV30\*bp02

176 sequences assigned  
44 (25%) exact matches, in which:  
33 unique CDR3  
12 unique J



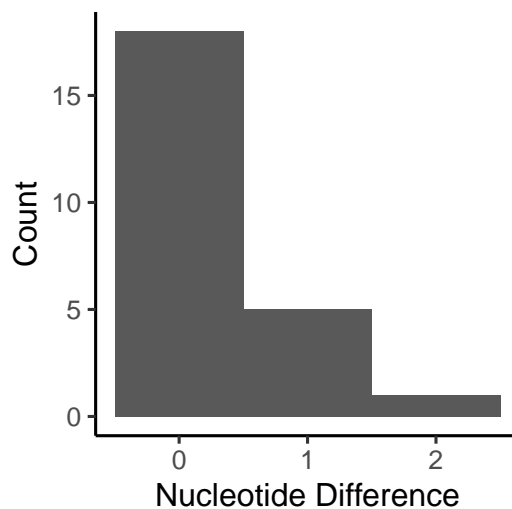
### TRBV19\*bp01

452 sequences assigned  
306 (67.7%) exact matches, in which:  
196 unique CDR3  
12 unique J



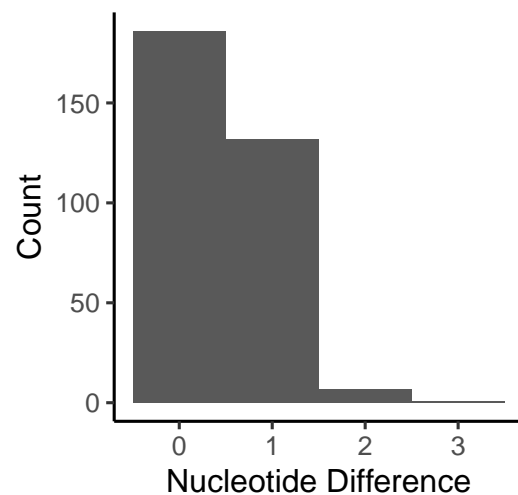
### TRBV28\*bp01

24 sequences assigned  
18 (75%) exact matches, in which:  
17 unique CDR3  
9 unique J



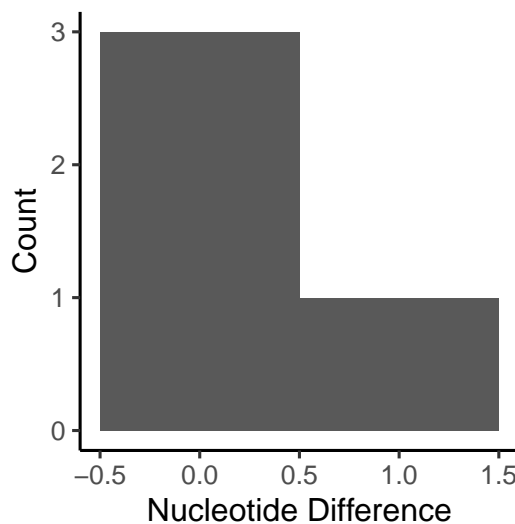
### TRBV30\*bp04

326 sequences assigned  
186 (57.1%) exact matches, in which:  
83 unique CDR3  
12 unique J



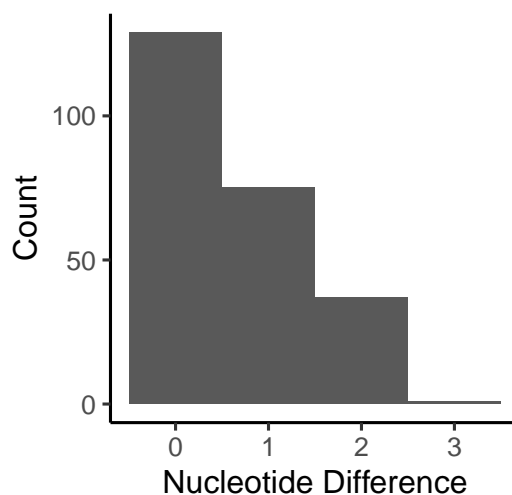
### TRBV2\*bp01

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



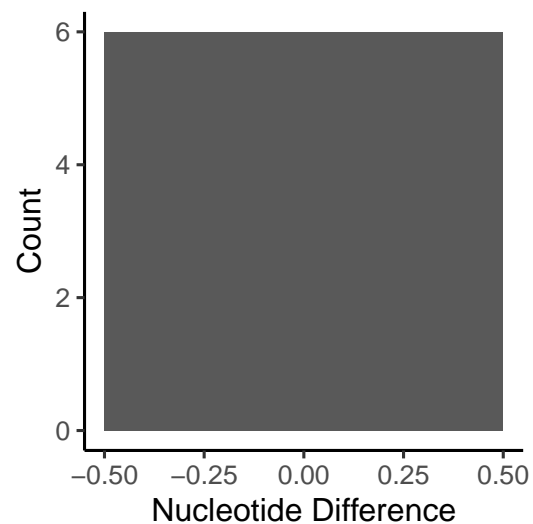
### TRBV30\*bp01

242 sequences assigned  
129 (53.3%) exact matches, in which:  
70 unique CDR3  
12 unique J



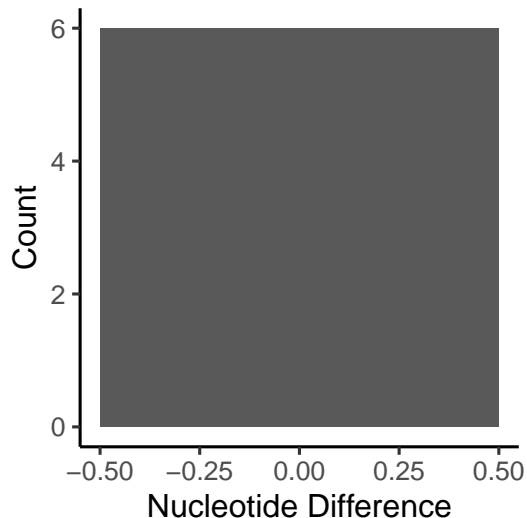
### TRBV9\*bp01

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



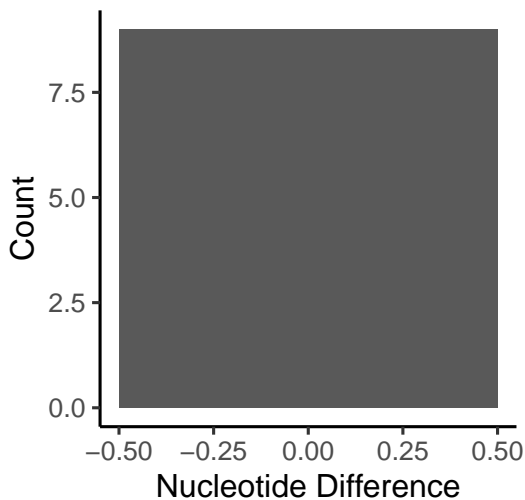
### TRBV9\*bp02

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



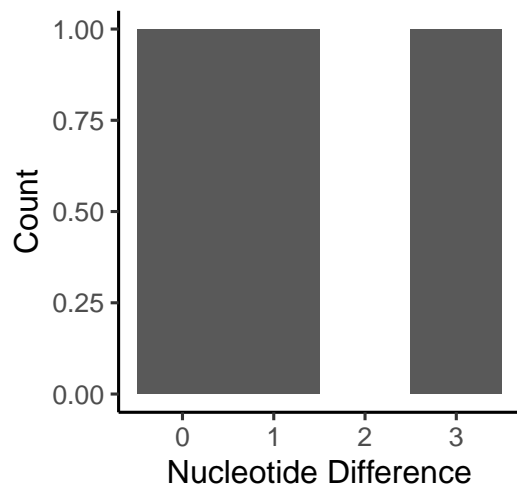
### TRBV21-1\*bp01\_C199T

9 sequences assigned  
9 (100%) exact matches, in which:  
9 unique CDR3  
6 unique J



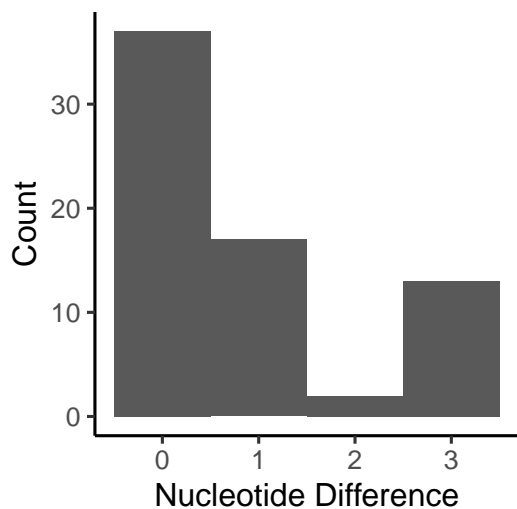
### TRBV11-3\*bp01

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



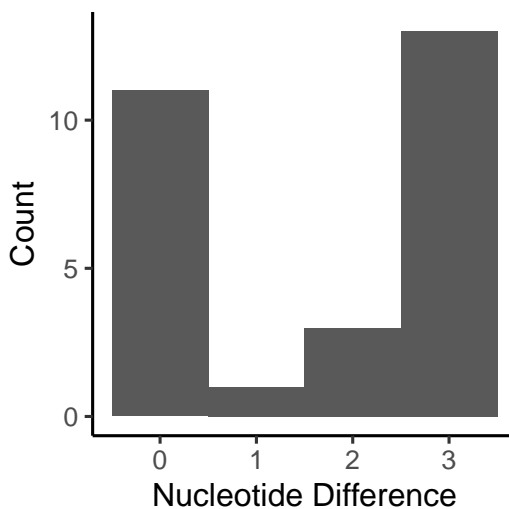
### TRBV11-1\*bp01

69 sequences assigned  
37 (53.6%) exact matches, in which:  
29 unique CDR3  
9 unique J



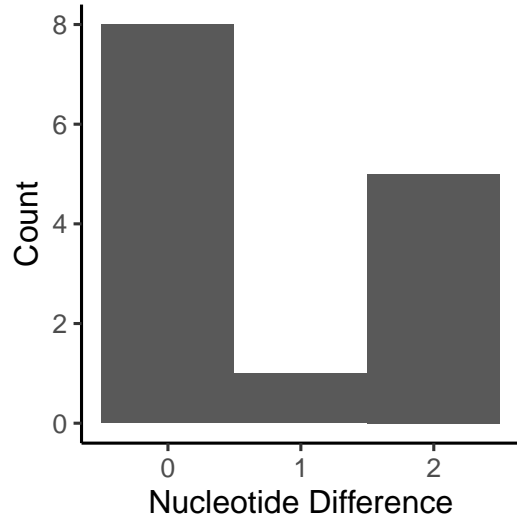
### TRBV11-2\*bp01

28 sequences assigned  
11 (39.3%) exact matches, in which:  
11 unique CDR3  
6 unique J



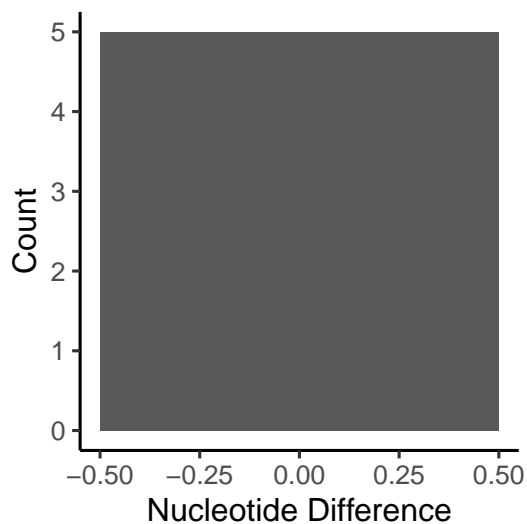
### TRBV12-5\*bp01

14 sequences assigned  
8 (57.1%) exact matches, in which:  
6 unique CDR3  
4 unique J



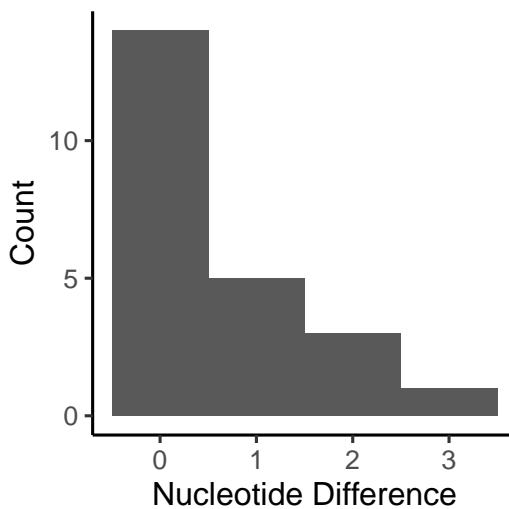
### TRBV21-1\*bp01

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



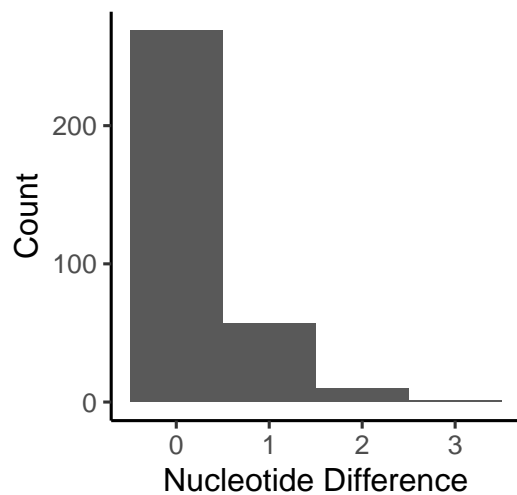
### TRBV11-2\*bp03

23 sequences assigned  
14 (60.9%) exact matches, in which:  
13 unique CDR3  
5 unique J



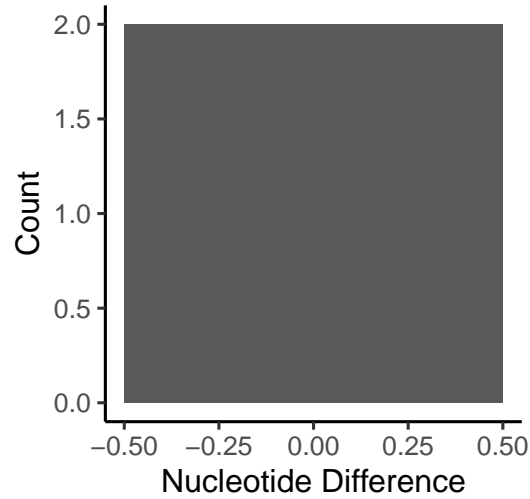
### TRBV12-34\*bp01

337 sequences assigned  
269 (79.8%) exact matches, in which:  
160 unique CDR3  
13 unique J



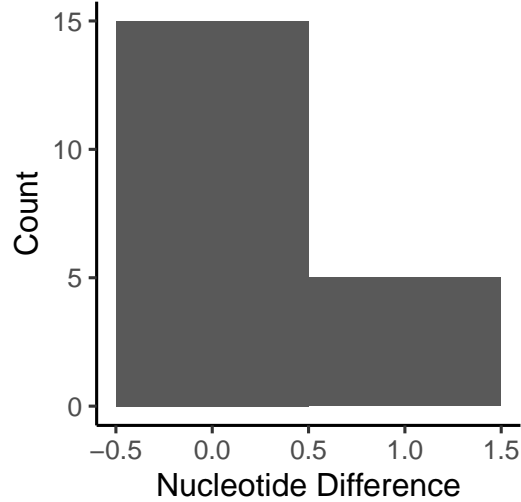
### TRBV23–1\*bp01

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



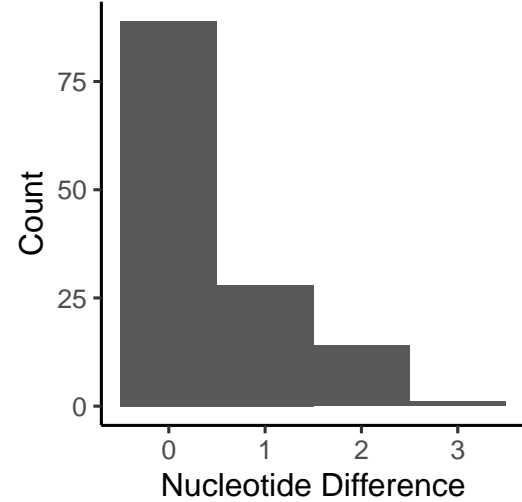
### TRBV4–2\*bp01

20 sequences assigned  
15 (75%) exact matches, in which:  
12 unique CDR3  
7 unique J



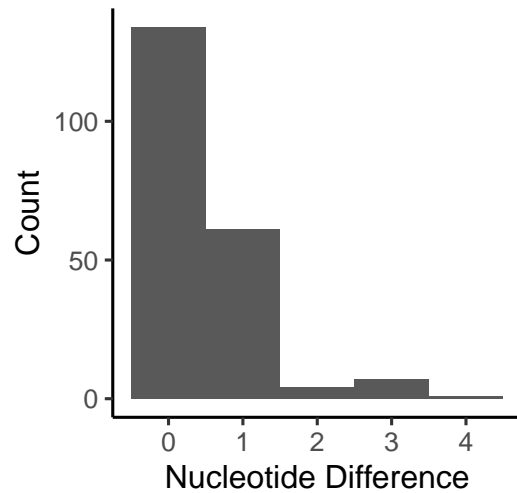
### TRBV5–4\*bp01

132 sequences assigned  
89 (67.4%) exact matches, in which:  
67 unique CDR3  
12 unique J



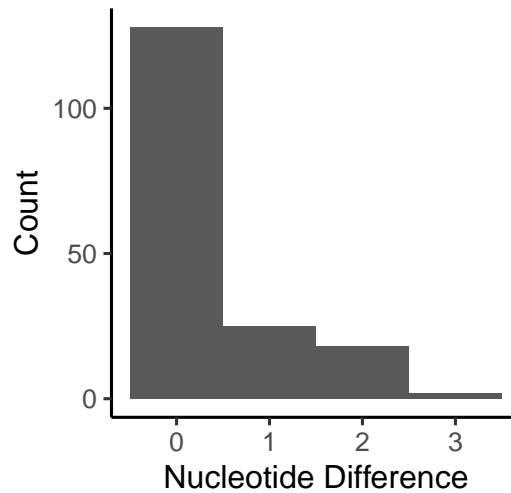
### TRBV24–1\*bp01

207 sequences assigned  
134 (64.7%) exact matches, in which:  
96 unique CDR3  
11 unique J



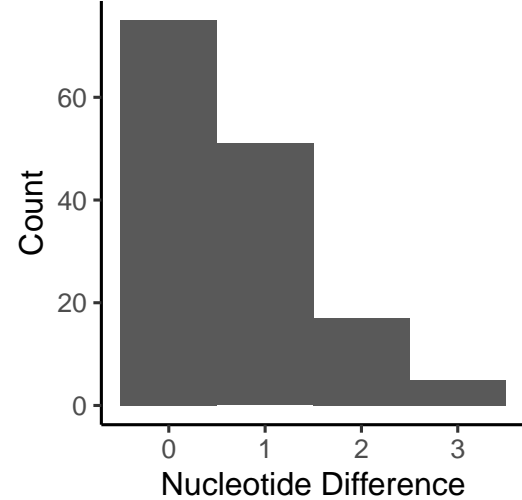
### TRBV5–1\*bp01

173 sequences assigned  
128 (74%) exact matches, in which:  
93 unique CDR3  
13 unique J



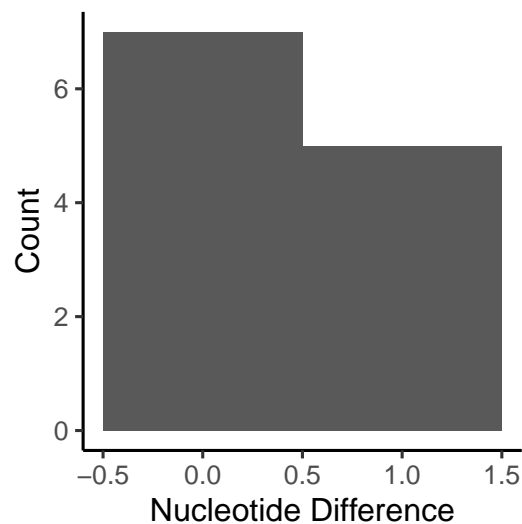
### TRBV5–5\*bp01

148 sequences assigned  
75 (50.7%) exact matches, in which:  
43 unique CDR3  
10 unique J



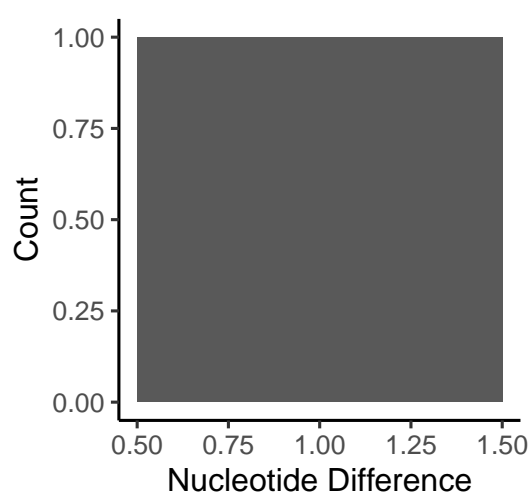
### TRBV4–1\*bp01

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



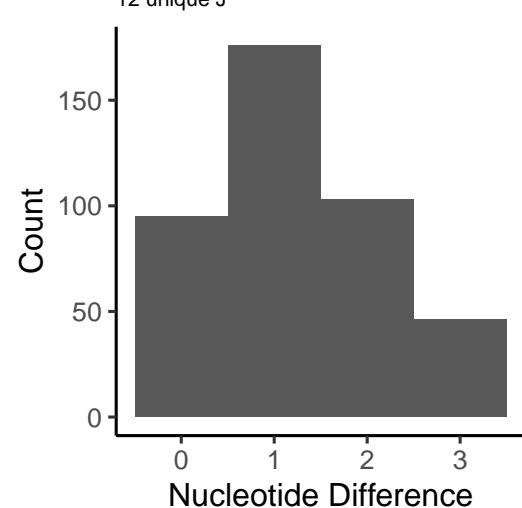
### TRBV5–3\*bp01

1 sequences assigned  
No exact matches.



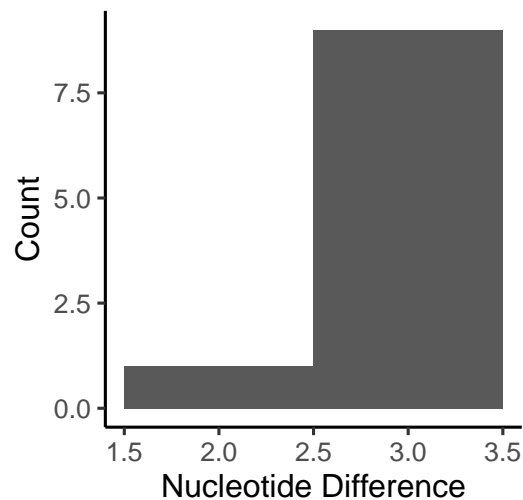
### TRBV5–6\*bp01

420 sequences assigned  
95 (22.6%) exact matches, in which:  
71 unique CDR3  
12 unique J



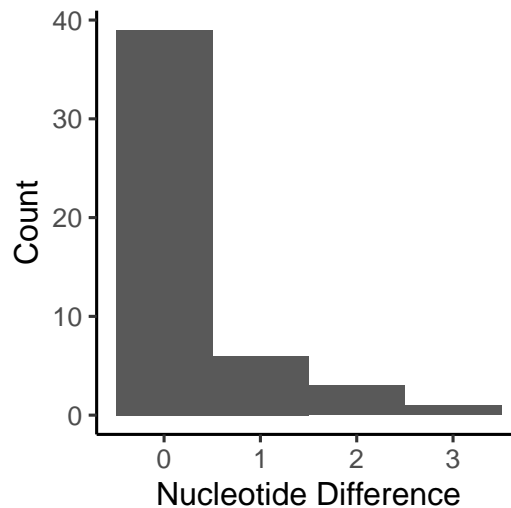
### TRBV5-7\*bp01

10 sequences assigned  
No exact matches.



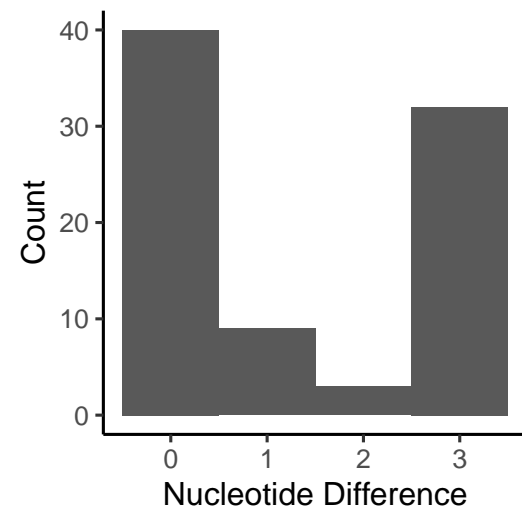
### TRBV6-4\*bp01

49 sequences assigned  
39 (79.6%) exact matches, in which:  
32 unique CDR3  
11 unique J



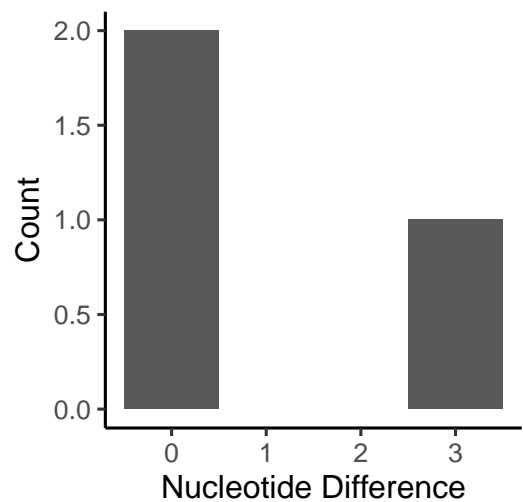
### TRBV6-6\*bp02

84 sequences assigned  
40 (47.6%) exact matches, in which:  
35 unique CDR3  
11 unique J



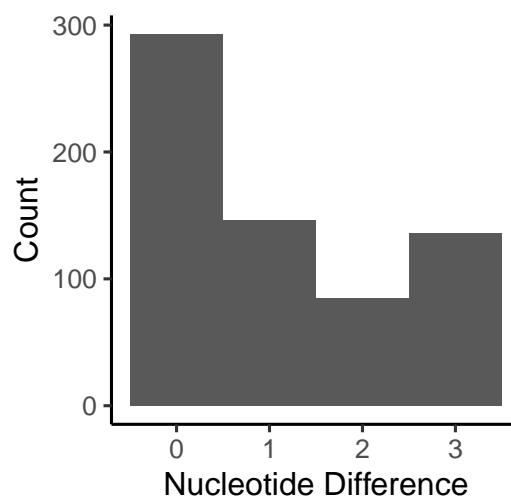
### TRBV5-8\*bp01

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



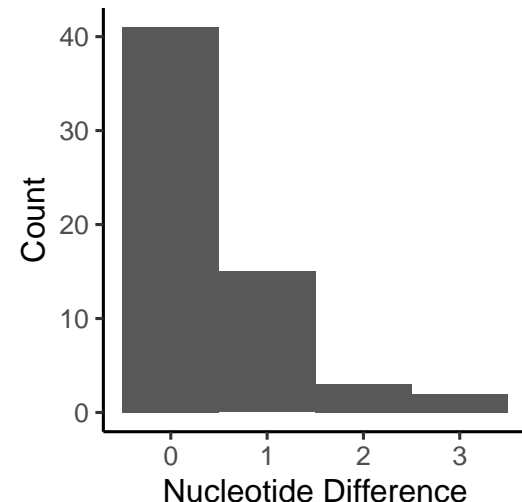
### TRBV6-5\*bp01

660 sequences assigned  
293 (44.4%) exact matches, in which:  
241 unique CDR3  
13 unique J



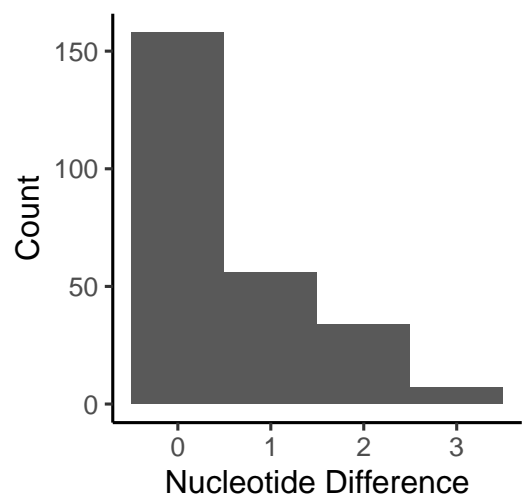
### TRBV6-23\*bp01

61 sequences assigned  
41 (67.2%) exact matches, in which:  
35 unique CDR3  
11 unique J



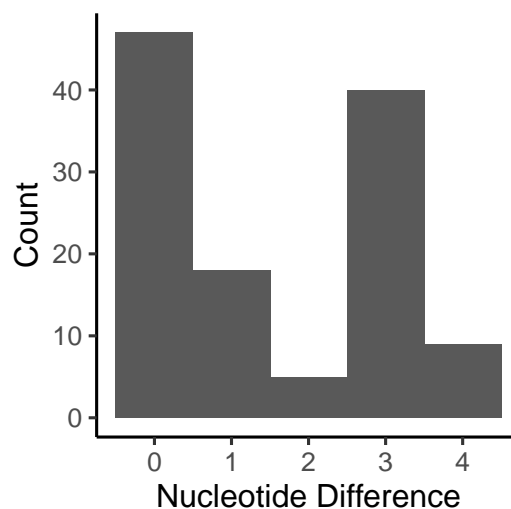
### TRBV6-1\*bp01

255 sequences assigned  
158 (62%) exact matches, in which:  
131 unique CDR3  
12 unique J



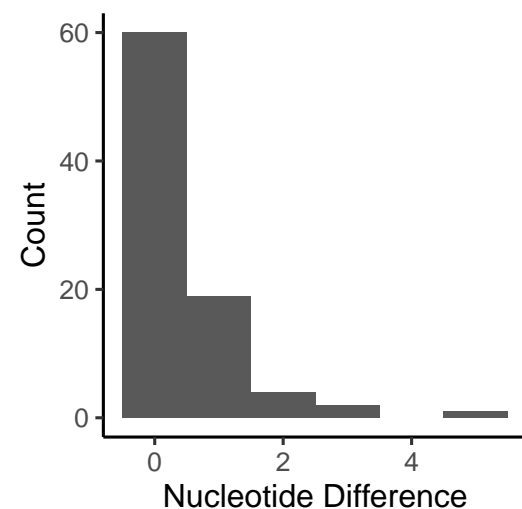
### TRBV6-6\*bp01

119 sequences assigned  
47 (39.5%) exact matches, in which:  
40 unique CDR3  
11 unique J



### TRBV7-2\*bp01

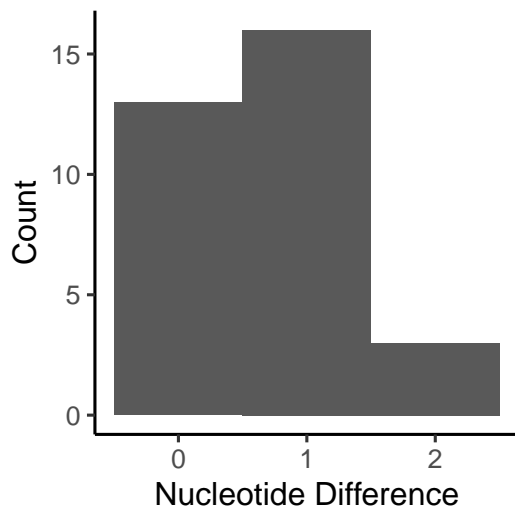
86 sequences assigned  
60 (69.8%) exact matches, in which:  
40 unique CDR3  
10 unique J





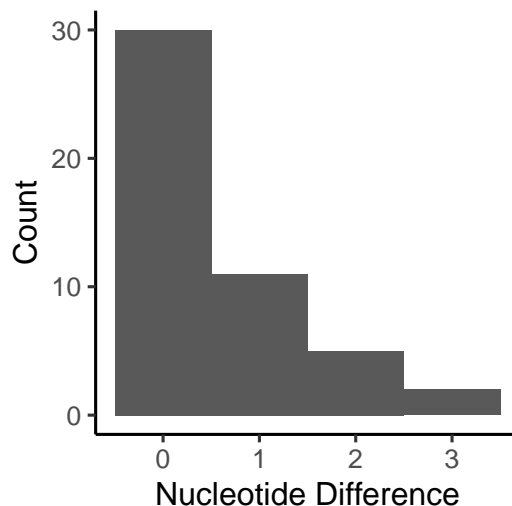
### TRBV7-2\*bp02

32 sequences assigned  
13 (40.6%) exact matches, in which:  
8 unique CDR3  
6 unique J



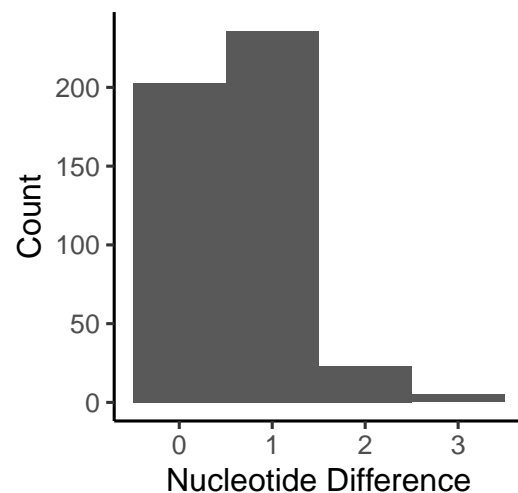
### TRBV7-6\*bp01

48 sequences assigned  
30 (62.5%) exact matches, in which:  
21 unique CDR3  
9 unique J



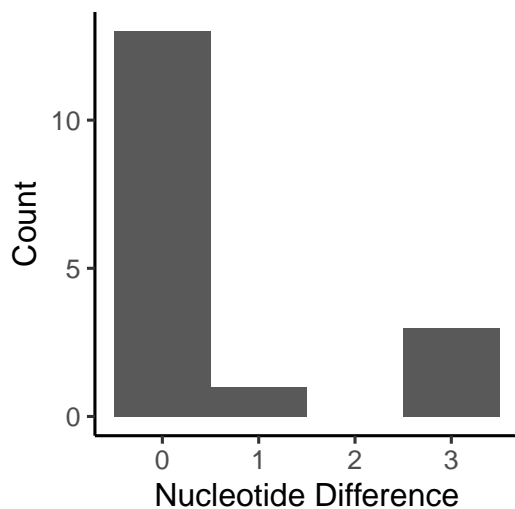
### TRBV29-1\*bp01

467 sequences assigned  
203 (43.5%) exact matches, in which:  
126 unique CDR3  
11 unique J



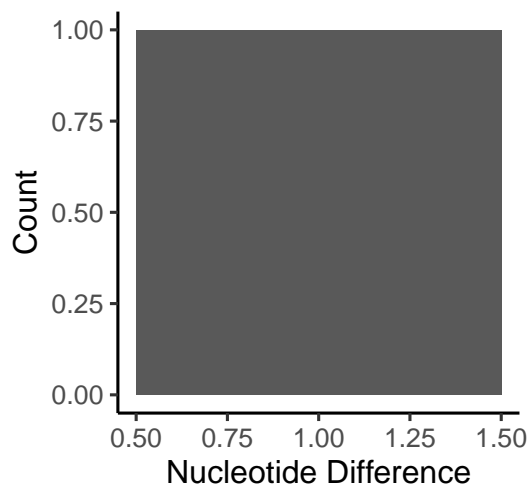
### TRBV7-3\*bp01

17 sequences assigned  
13 (76.5%) exact matches, in which:  
11 unique CDR3  
7 unique J



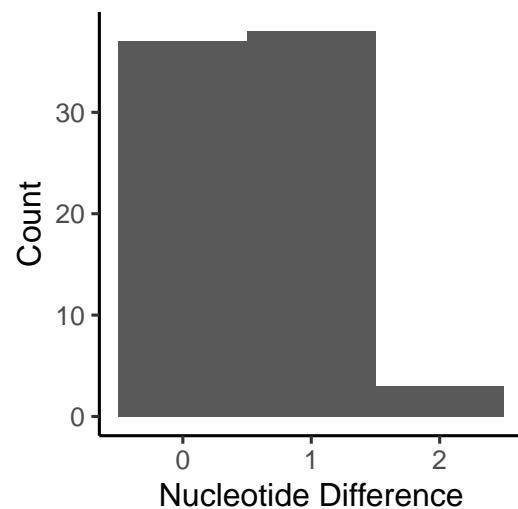
### TRBV7-7\*bp01

1 sequences assigned  
No exact matches.



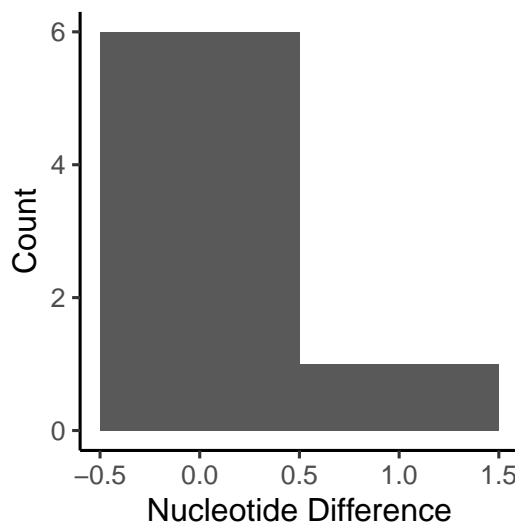
### TRBV29-1\*bp03

78 sequences assigned  
37 (47.4%) exact matches, in which:  
23 unique CDR3  
7 unique J



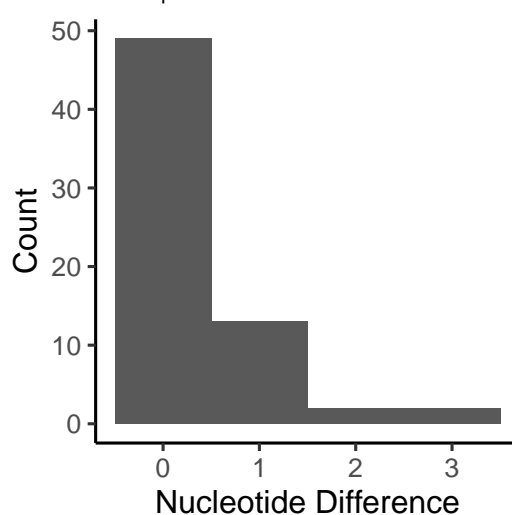
### TRBV7-4\*bp01

7 sequences assigned  
6 (85.7%) exact matches, in which:  
4 unique CDR3  
2 unique J



### TRBV7-9\*bp01

66 sequences assigned  
49 (74.2%) exact matches, in which:  
39 unique CDR3  
11 unique J



TRBV21-1\*bp01\_C199T

