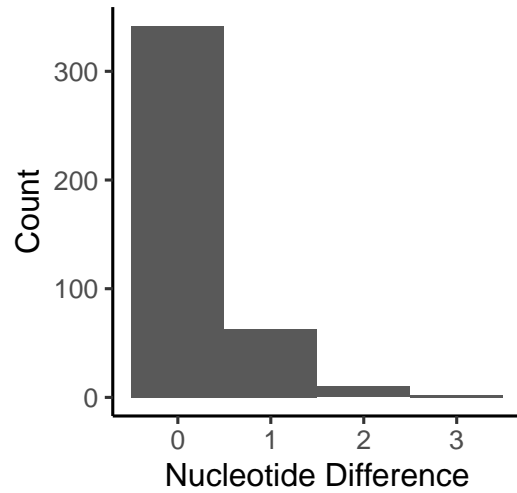


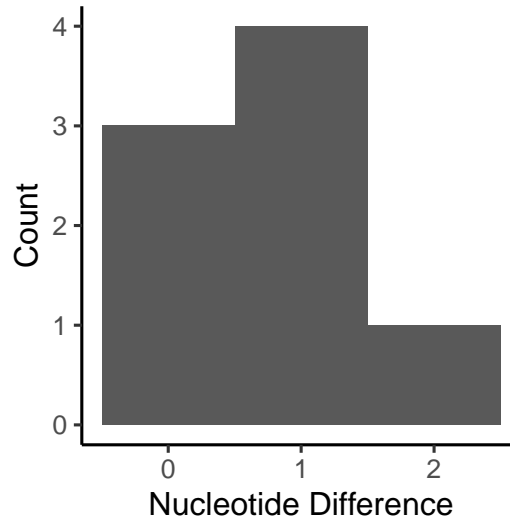
### TRBV20–1\*bp01

417 sequences assigned  
342 (82%) exact matches, in which:  
215 unique CDR3  
14 unique J



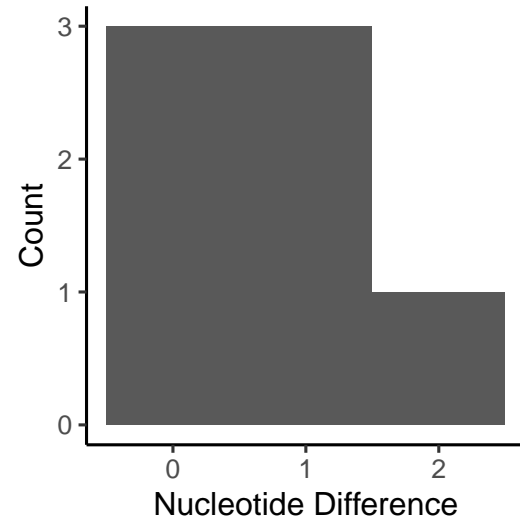
### TRBV10–2\*bp01

8 sequences assigned  
3 (37.5%) exact matches, in which:  
3 unique CDR3  
3 unique J



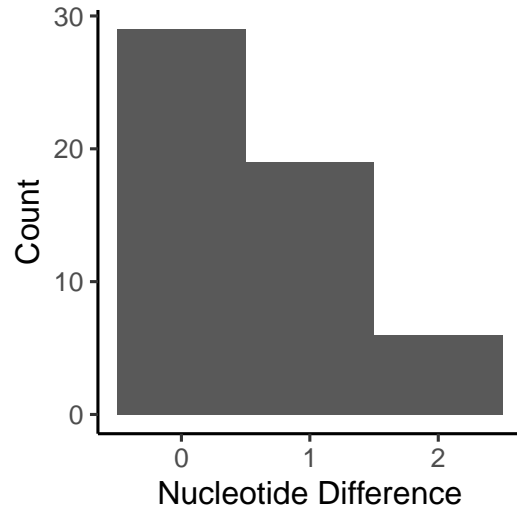
### TRBV13\*bp01

7 sequences assigned  
3 (42.9%) exact matches, in which:  
3 unique CDR3  
2 unique J



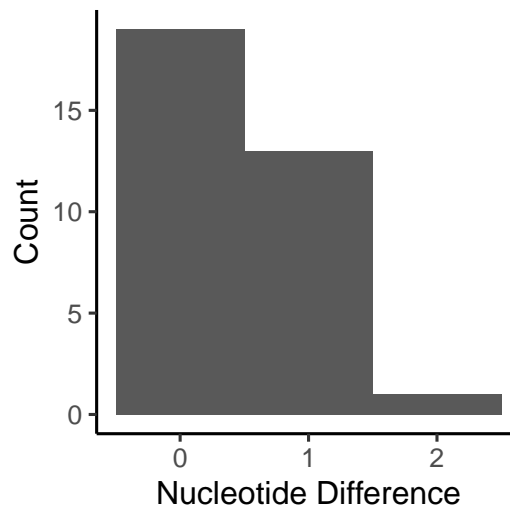
### TRBV10–1\*bp01

54 sequences assigned  
29 (53.7%) exact matches, in which:  
26 unique CDR3  
10 unique J



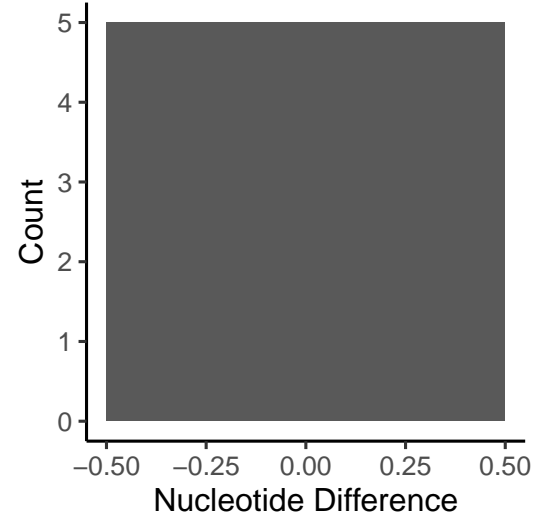
### TRBV10–2\*bp02

33 sequences assigned  
19 (57.6%) exact matches, in which:  
17 unique CDR3  
9 unique J



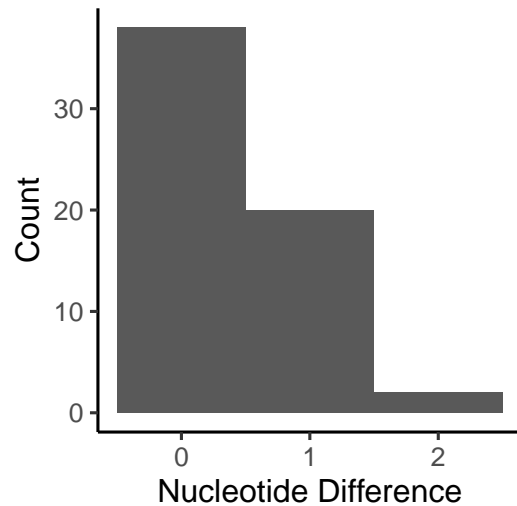
### TRBV14\*bp01

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



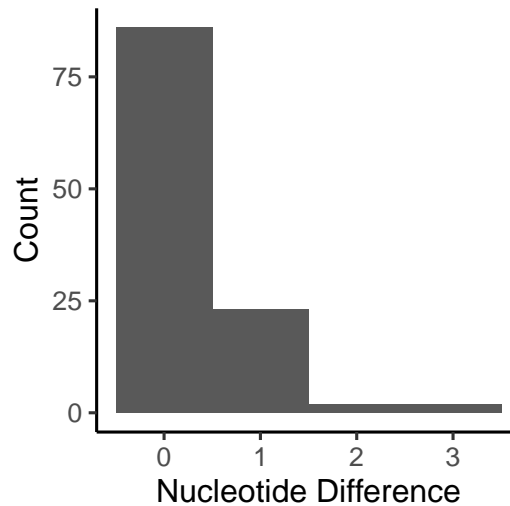
### TRBV10–1\*bp02

60 sequences assigned  
38 (63.3%) exact matches, in which:  
34 unique CDR3  
11 unique J



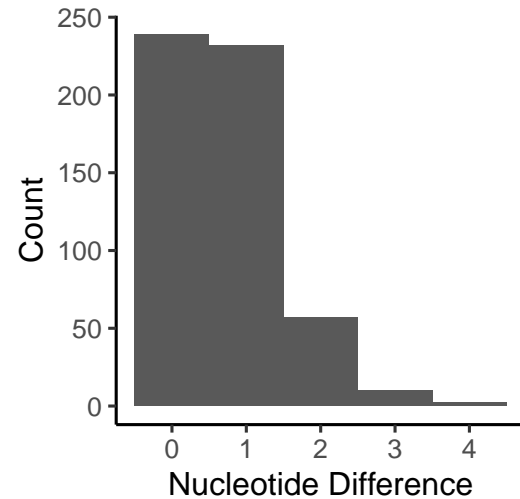
### TRBV10–3\*bp01

113 sequences assigned  
86 (76.1%) exact matches, in which:  
65 unique CDR3  
11 unique J



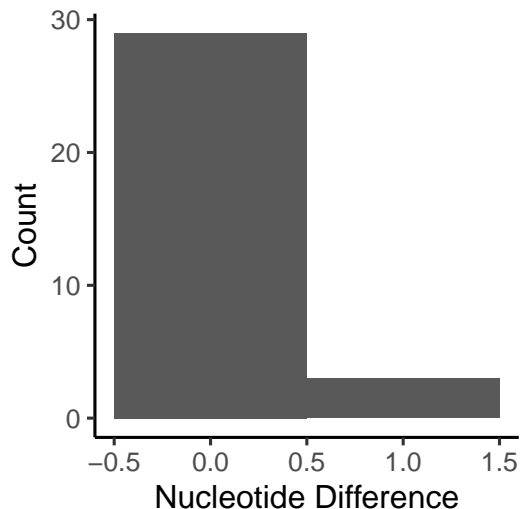
### TRBV15\*bp02

540 sequences assigned  
239 (44.3%) exact matches, in which:  
126 unique CDR3  
14 unique J



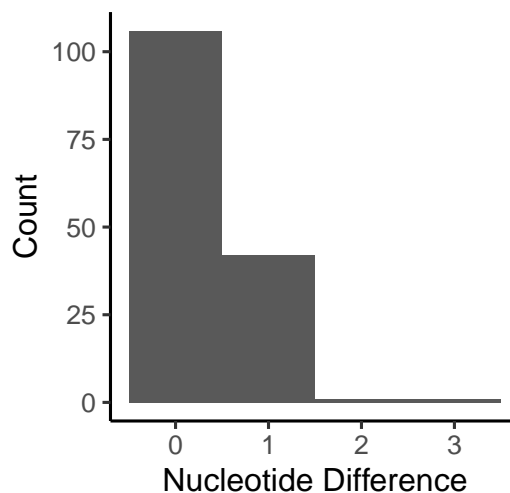
### TRBV18\*bp01

32 sequences assigned  
29 (90.6%) exact matches, in which:  
24 unique CDR3  
9 unique J



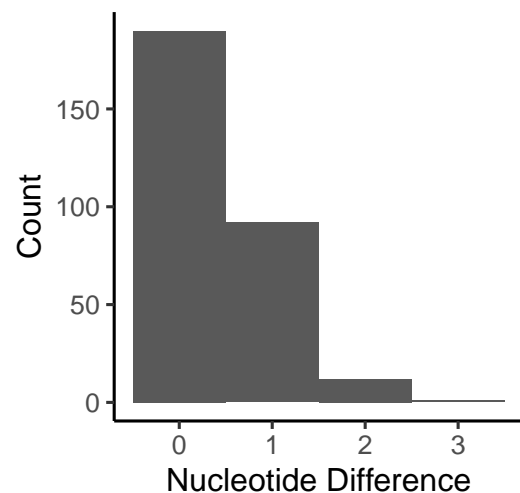
### TRBV27\*bp01

150 sequences assigned  
106 (70.7%) exact matches, in which:  
91 unique CDR3  
12 unique J



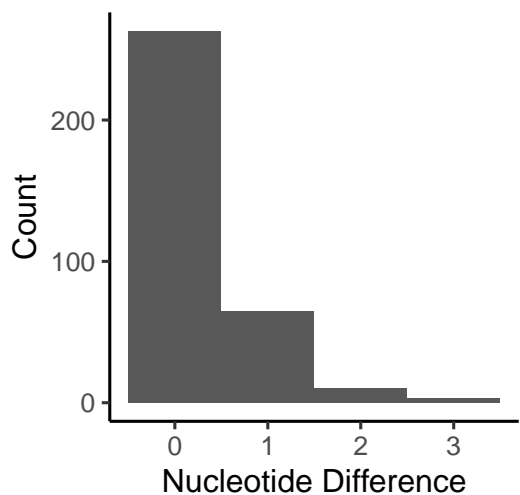
### TRBV30\*bp02

295 sequences assigned  
190 (64.4%) exact matches, in which:  
112 unique CDR3  
13 unique J



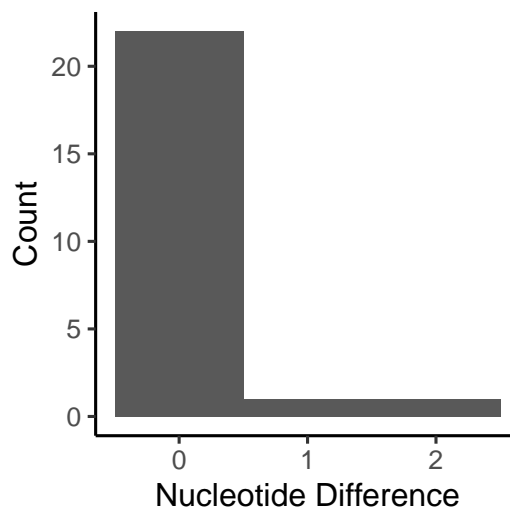
### TRBV19\*bp01

341 sequences assigned  
263 (77.1%) exact matches, in which:  
187 unique CDR3  
13 unique J



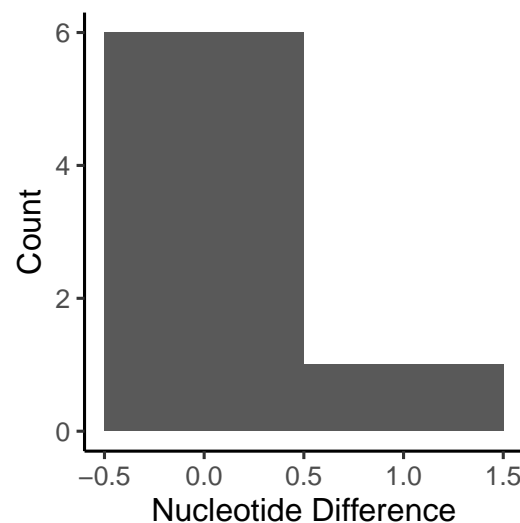
### TRBV28\*bp01

24 sequences assigned  
22 (91.7%) exact matches, in which:  
21 unique CDR3  
8 unique J



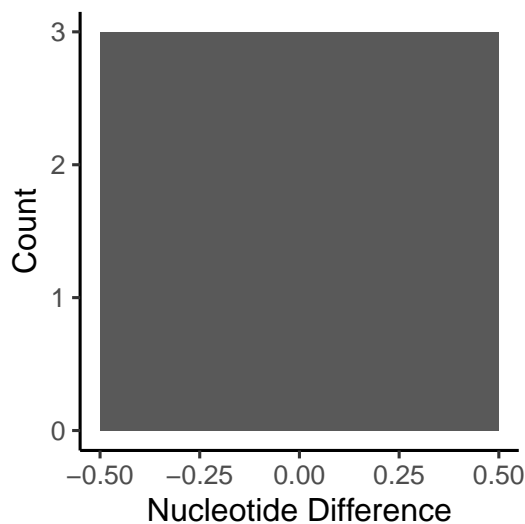
### TRBV9\*bp01

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



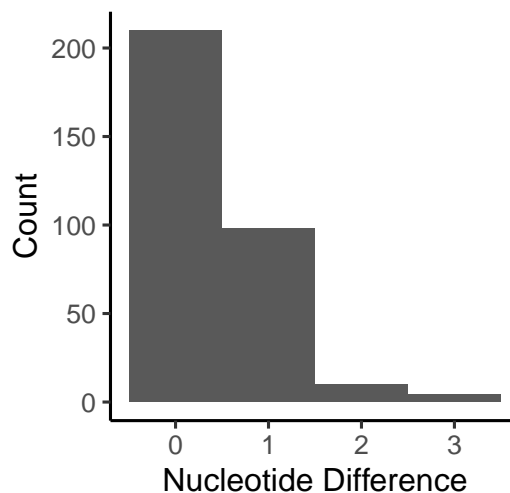
### TRBV2\*bp01

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



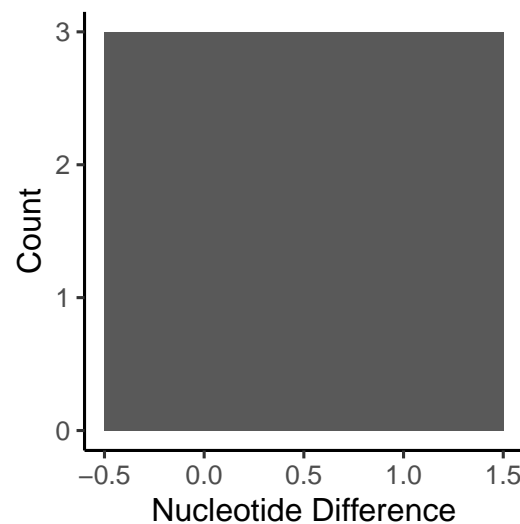
### TRBV30\*bp01

322 sequences assigned  
210 (65.2%) exact matches, in which:  
115 unique CDR3  
13 unique J



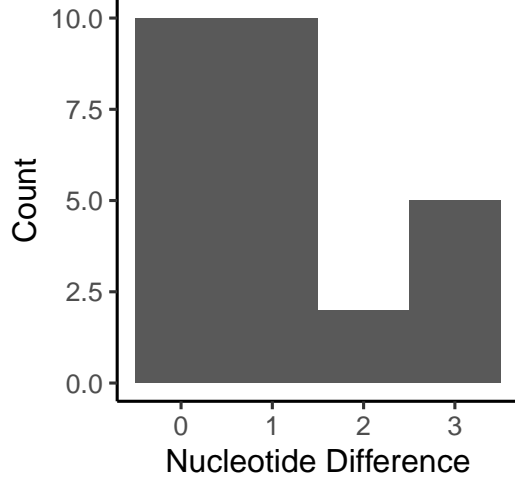
### TRBV9\*bp02

6 sequences assigned  
3 (50%) exact matches, in which:  
3 unique CDR3  
2 unique J



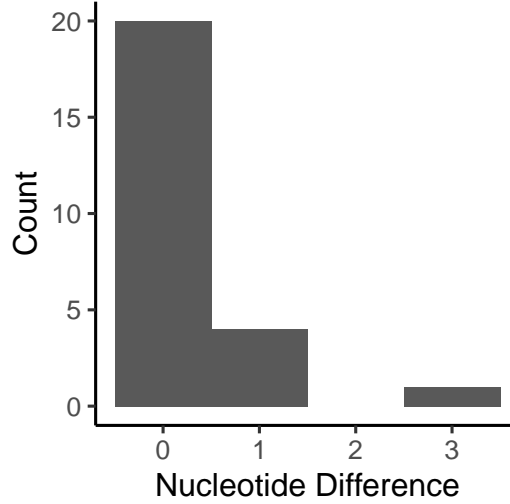
### TRBV11-1\*bp01

27 sequences assigned  
10 (37%) exact matches, in which:  
8 unique CDR3  
6 unique J



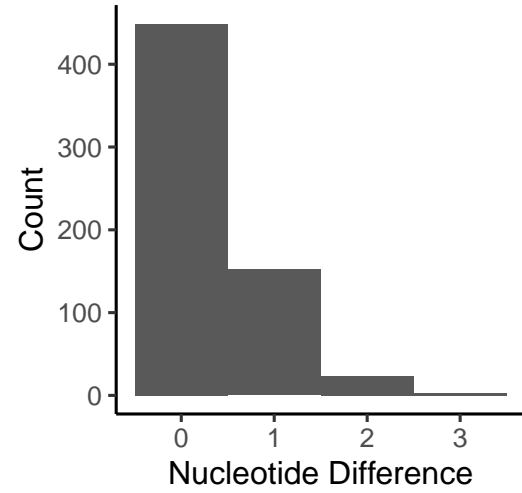
### TRBV11-2\*bp03

25 sequences assigned  
20 (80%) exact matches, in which:  
16 unique CDR3  
6 unique J



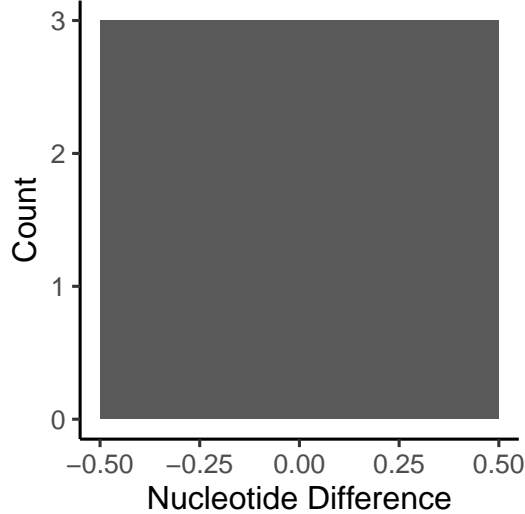
### TRBV12-34\*bp01

627 sequences assigned  
449 (71.6%) exact matches, in which:  
286 unique CDR3  
13 unique J



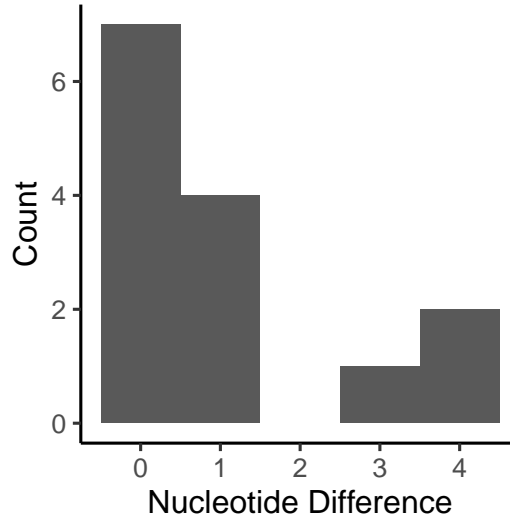
### TRBV21-1\*bp02

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



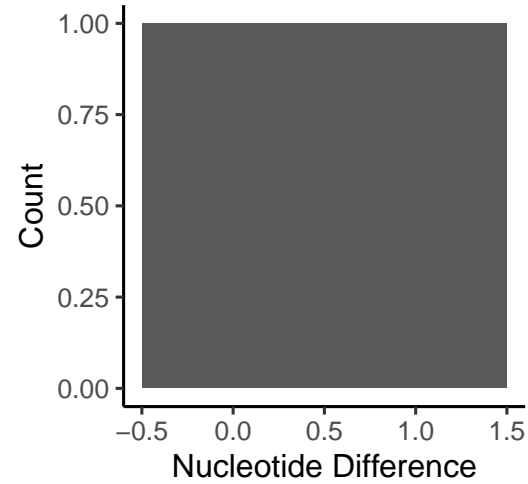
### TRBV11-3\*bp01

14 sequences assigned  
7 (50%) exact matches, in which:  
7 unique CDR3  
5 unique J



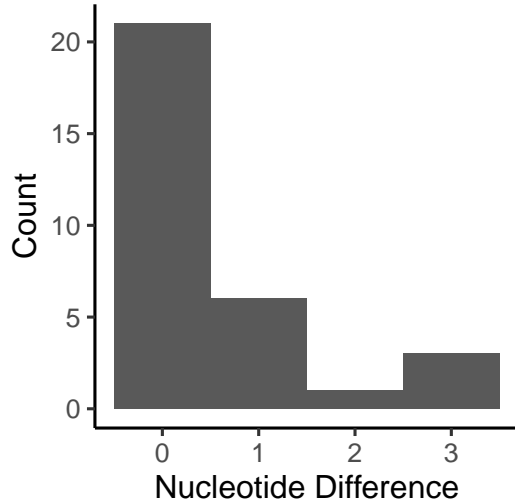
### TRBV23-1\*bp01

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



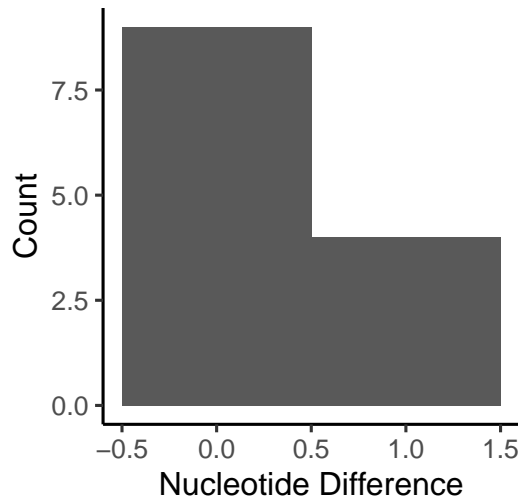
### TRBV11-2\*bp01

31 sequences assigned  
21 (67.7%) exact matches, in which:  
21 unique CDR3  
9 unique J



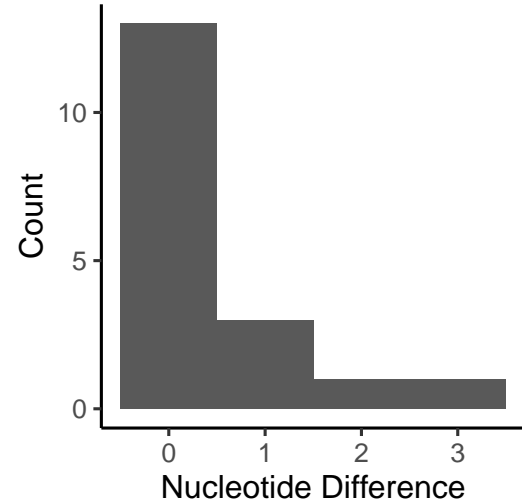
### TRBV12-5\*bp01

13 sequences assigned  
9 (69.2%) exact matches, in which:  
9 unique CDR3  
8 unique J



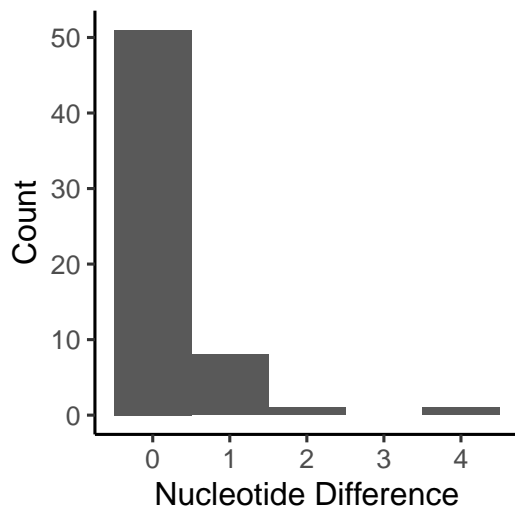
### TRBV4-1\*bp01

18 sequences assigned  
13 (72.2%) exact matches, in which:  
11 unique CDR3  
7 unique J



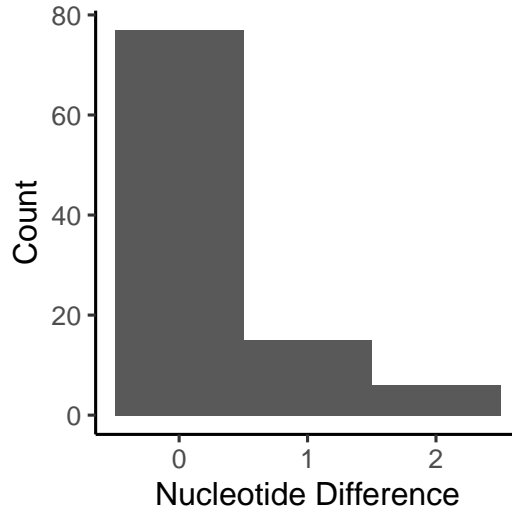
### TRBV24–1\*bp02

61 sequences assigned  
51 (83.6%) exact matches, in which:  
44 unique CDR3  
9 unique J



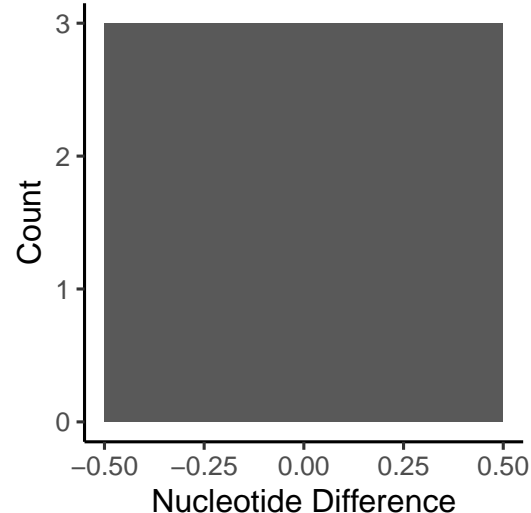
### TRBV5–1\*bp01

98 sequences assigned  
77 (78.6%) exact matches, in which:  
69 unique CDR3  
12 unique J



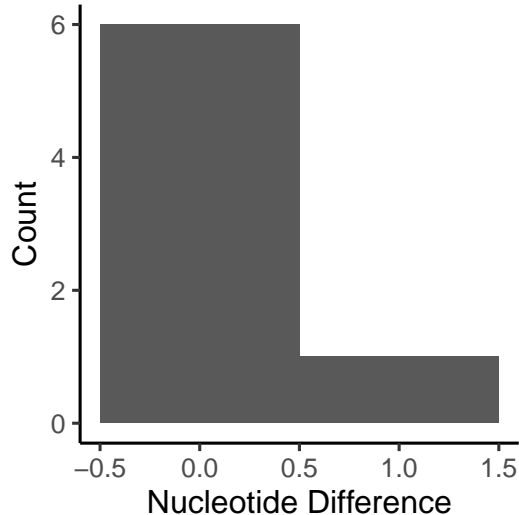
### TRBV5–3\*bp02

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



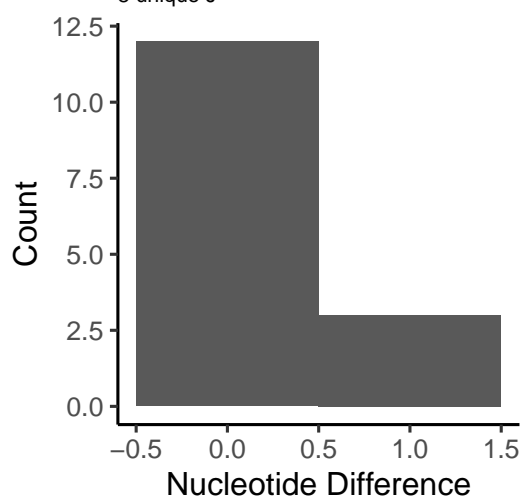
### TRBV4–2\*bp01

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



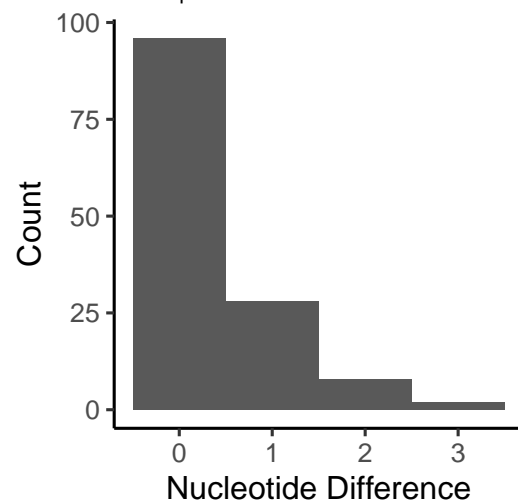
### TRBV25–1\*bp01

15 sequences assigned  
12 (80%) exact matches, in which:  
10 unique CDR3  
8 unique J



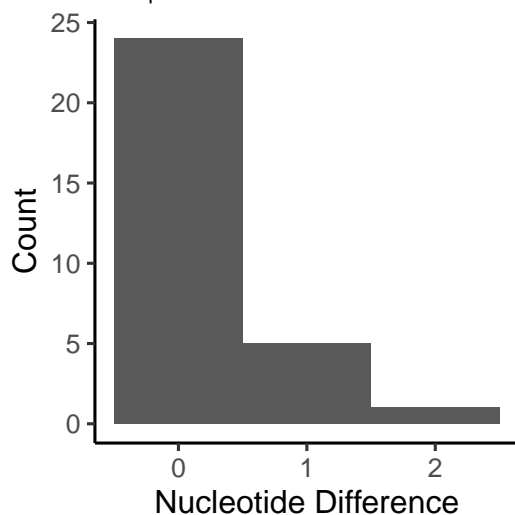
### TRBV5–4\*bp01

134 sequences assigned  
96 (71.6%) exact matches, in which:  
76 unique CDR3  
12 unique J



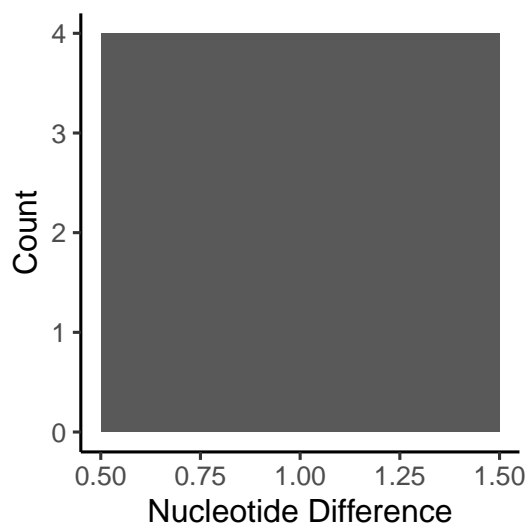
### TRBV4–3\*bp01

30 sequences assigned  
24 (80%) exact matches, in which:  
22 unique CDR3  
9 unique J



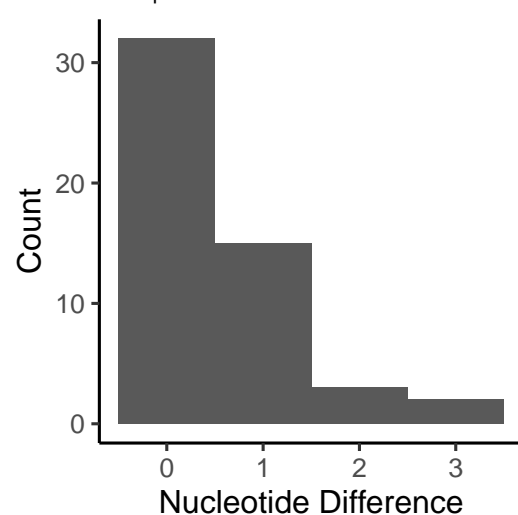
### TRBV5–3\*bp01

4 sequences assigned  
No exact matches.



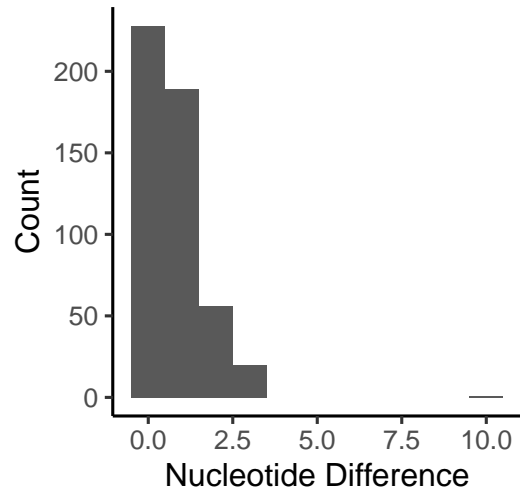
### TRBV5–5\*bp01

52 sequences assigned  
32 (61.5%) exact matches, in which:  
22 unique CDR3  
6 unique J



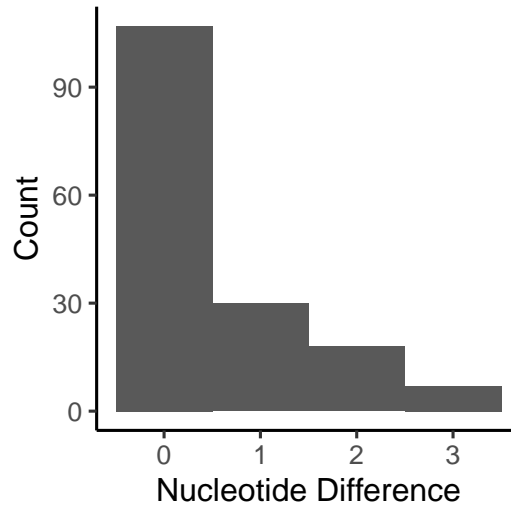
### TRBV5–6\*bp01

494 sequences assigned  
228 (46.2%) exact matches, in which:  
152 unique CDR3  
13 unique J



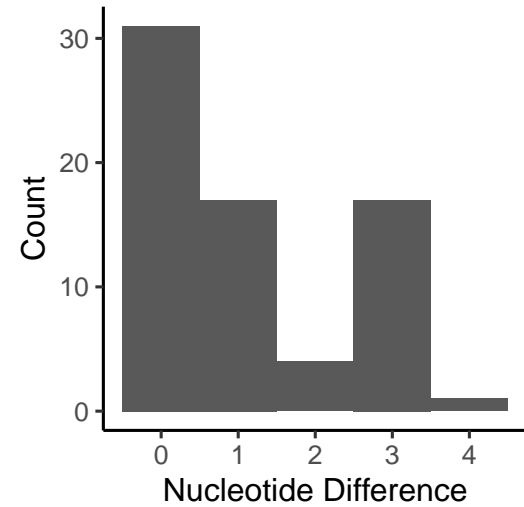
### TRBV6–1\*bp01

162 sequences assigned  
107 (66%) exact matches, in which:  
96 unique CDR3  
13 unique J



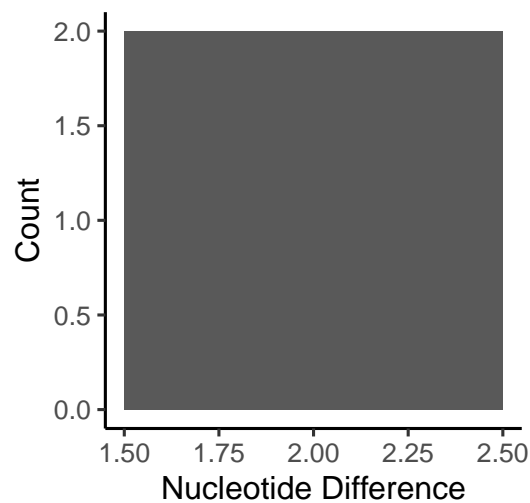
### TRBV6–6\*bp01

70 sequences assigned  
31 (44.3%) exact matches, in which:  
28 unique CDR3  
11 unique J



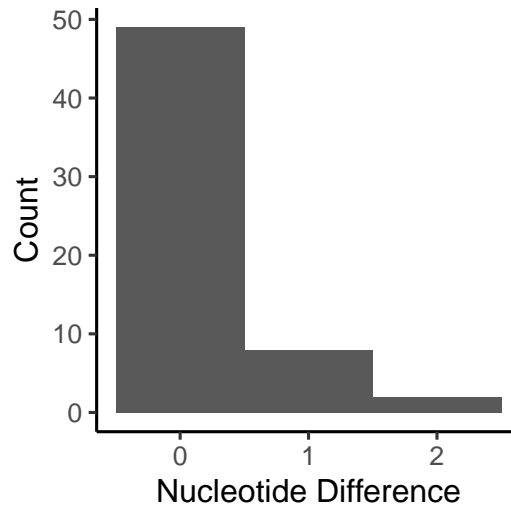
### TRBV5–7\*bp01

2 sequences assigned  
No exact matches.



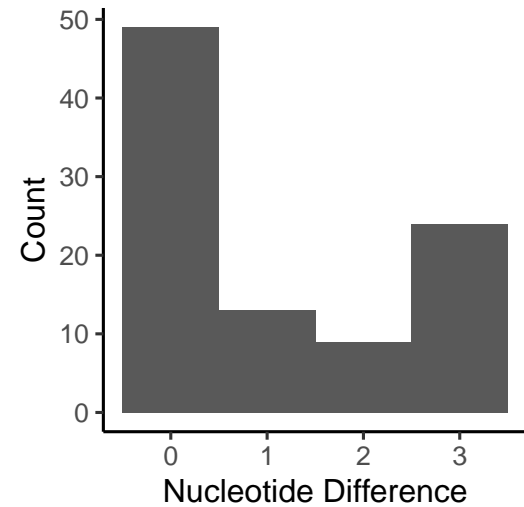
### TRBV6–4\*bp01

59 sequences assigned  
49 (83.1%) exact matches, in which:  
40 unique CDR3  
11 unique J



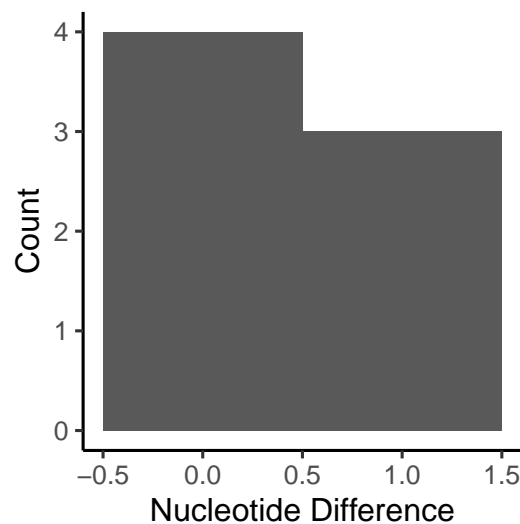
### TRBV6–6\*bp02

95 sequences assigned  
49 (51.6%) exact matches, in which:  
40 unique CDR3  
11 unique J



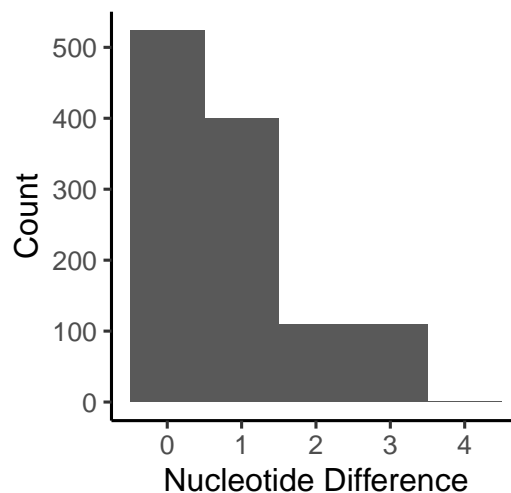
### TRBV5–8\*bp01

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



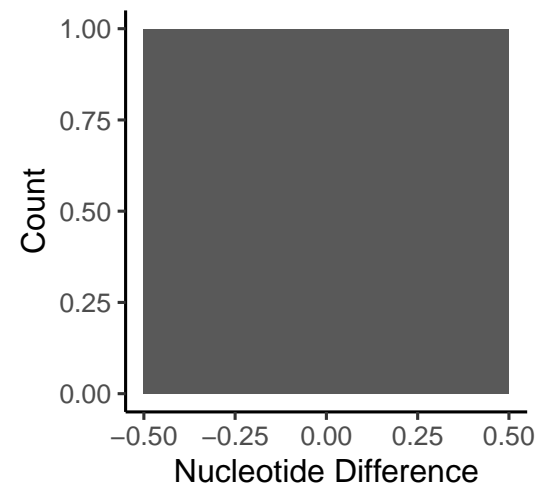
### TRBV6–5\*bp01

1143 sequences assigned  
524 (45.8%) exact matches, in which:  
395 unique CDR3  
13 unique J



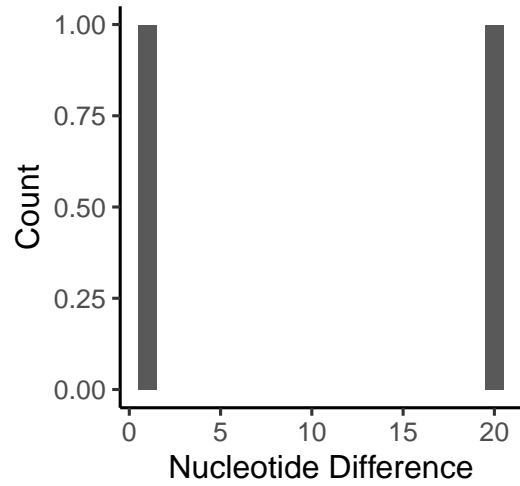
### TRBV6–7\*bp01

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



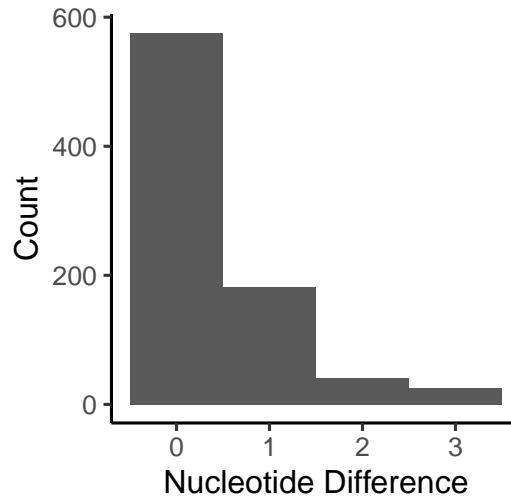
### TRBV6–8\*bp01

2 sequences assigned  
No exact matches.



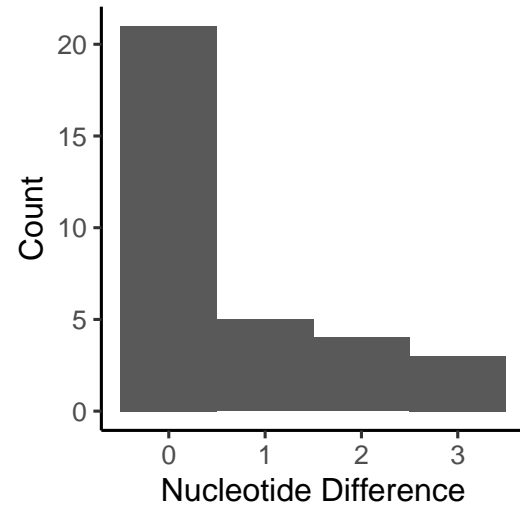
### TRBV7–2\*bp01

824 sequences assigned  
576 (69.9%) exact matches, in which:  
288 unique CDR3  
14 unique J



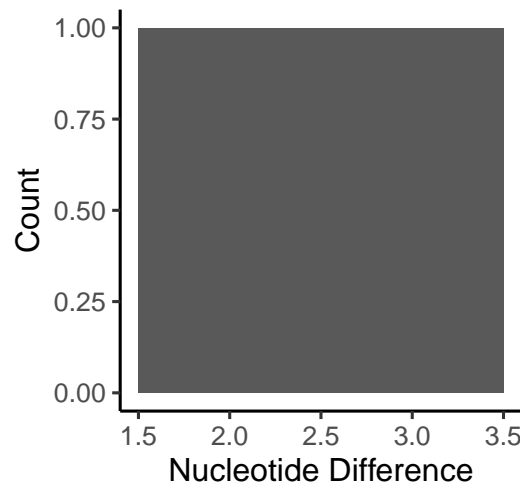
### TRBV7–4\*bp01

33 sequences assigned  
21 (63.6%) exact matches, in which:  
12 unique CDR3  
4 unique J



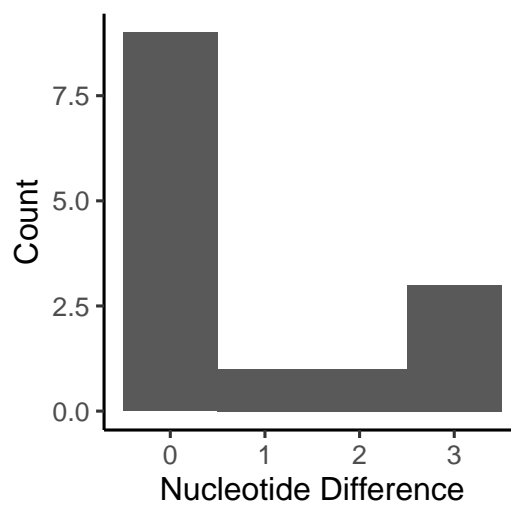
### TRBV6–9\*bp01

3 sequences assigned  
No exact matches.



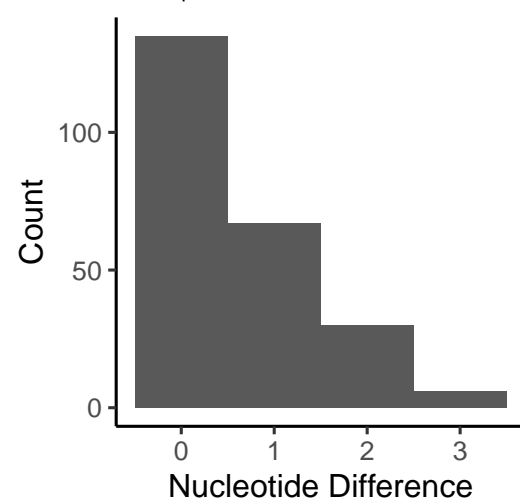
### TRBV7–3\*bp02

14 sequences assigned  
9 (64.3%) exact matches, in which:  
6 unique CDR3  
4 unique J



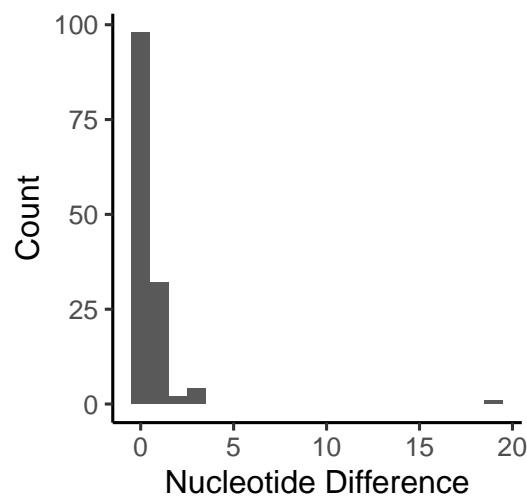
### TRBV7–6\*bp01

238 sequences assigned  
135 (56.7%) exact matches, in which:  
79 unique CDR3  
13 unique J



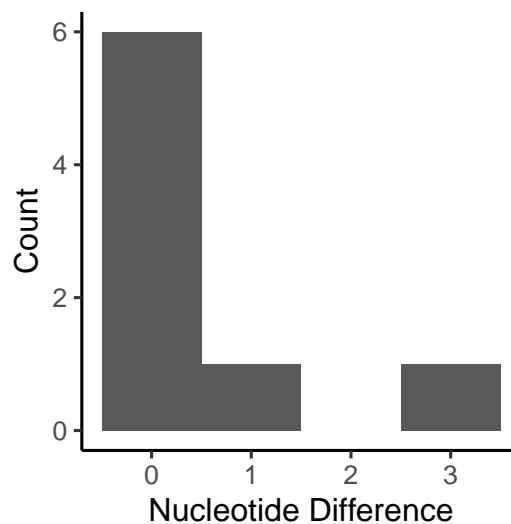
### TRBV6–23\*bp01

137 sequences assigned  
98 (71.5%) exact matches, in which:  
86 unique CDR3  
14 unique J



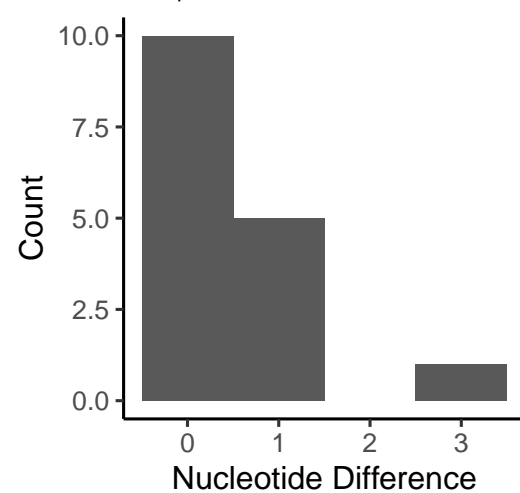
### TRBV7–3\*bp03

8 sequences assigned  
6 (75%) exact matches, in which:  
5 unique CDR3  
3 unique J



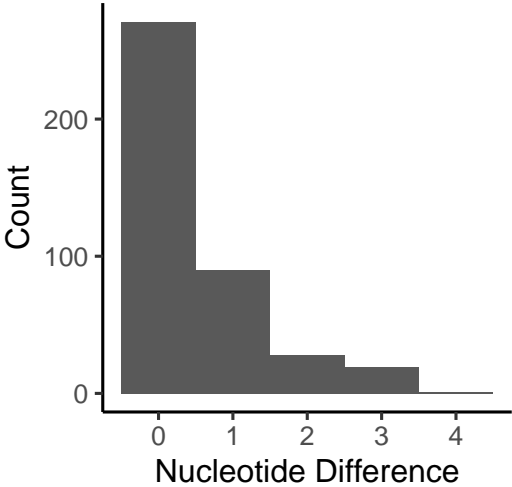
### TRBV7–7\*bp01

16 sequences assigned  
10 (62.5%) exact matches, in which:  
8 unique CDR3  
5 unique J



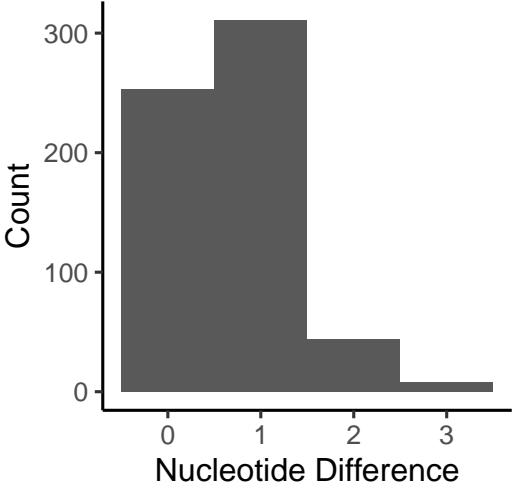
# TRBV7-9\*bp01

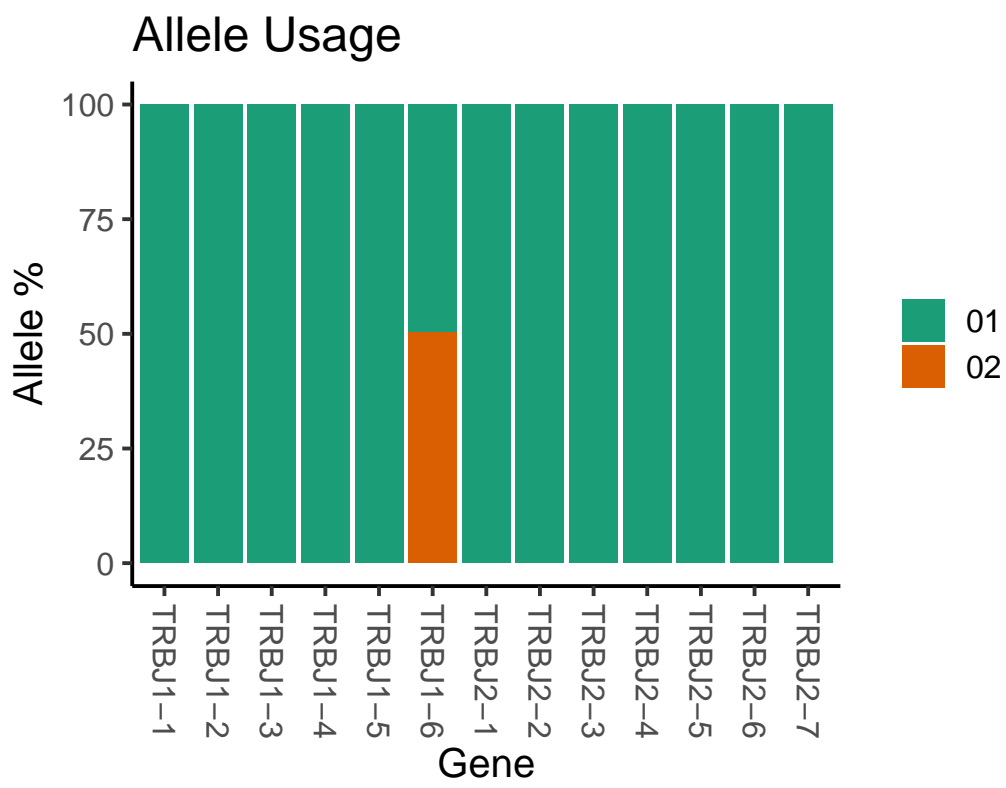
409 sequences assigned  
271 (66.3%) exact matches, in which:  
178 unique CDR3  
12 unique J



# TRBV29-1\*bp01

616 sequences assigned  
253 (41.1%) exact matches, in which:  
183 unique CDR3  
11 unique J







Sequence Count by TRBJ1–6 allele usage

