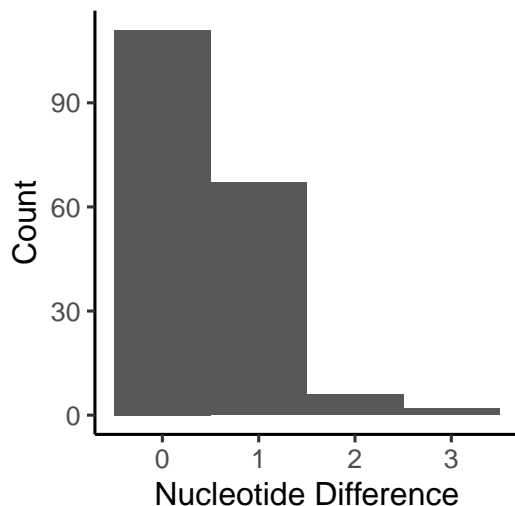


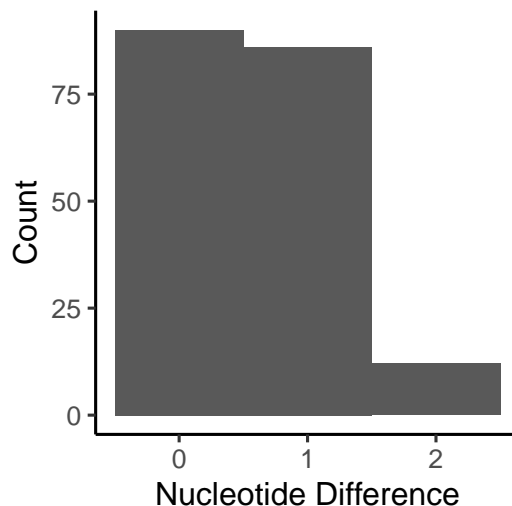
### TRBV20–1\*bp01

186 sequences assigned  
111 (59.7%) exact matches, in which:  
51 unique CDR3  
13 unique J



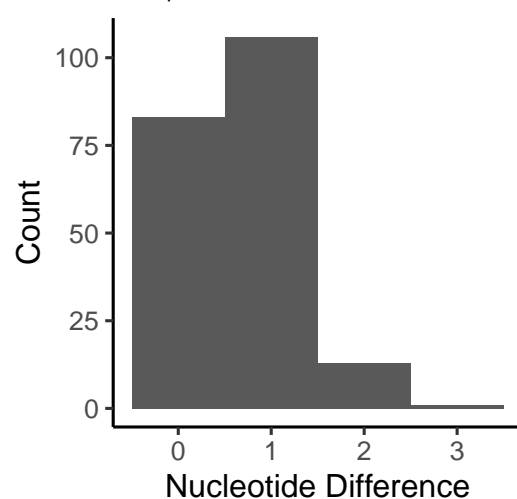
### TRBV10–3\*bp01

188 sequences assigned  
90 (47.9%) exact matches, in which:  
57 unique CDR3  
11 unique J



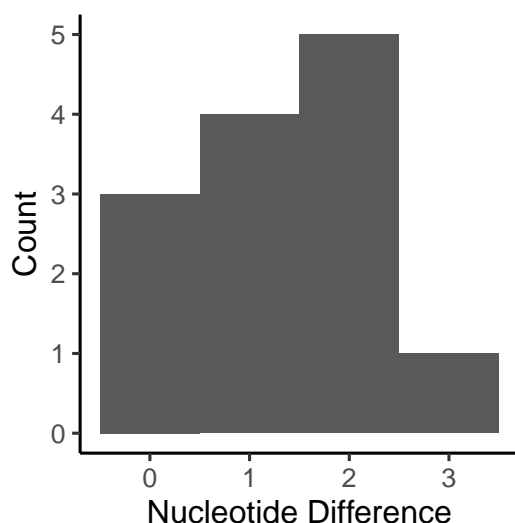
### TRBV15\*bp02

203 sequences assigned  
83 (40.9%) exact matches, in which:  
42 unique CDR3  
8 unique J



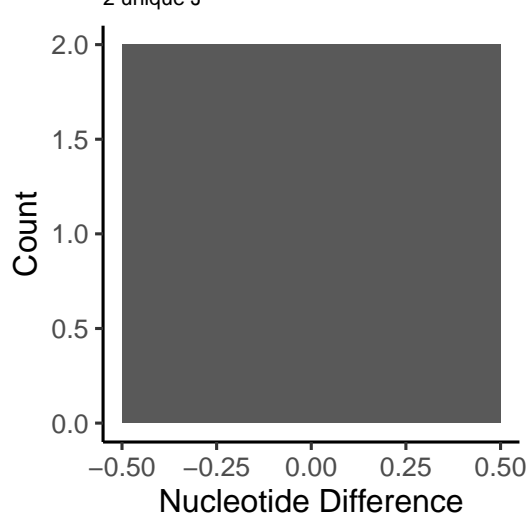
### TRBV10–1\*bp02

13 sequences assigned  
3 (23.1%) exact matches, in which:  
3 unique CDR3  
2 unique J



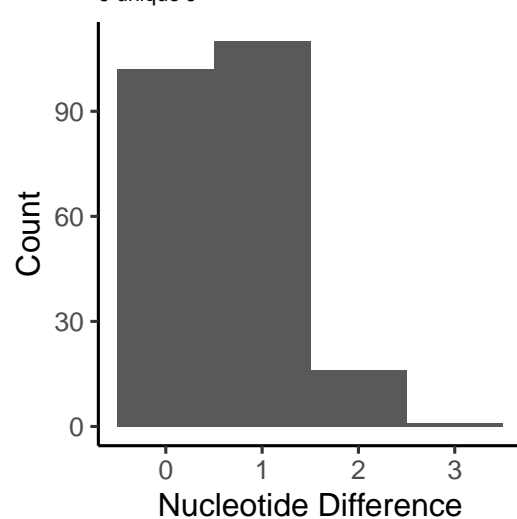
### TRBV13\*bp01

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



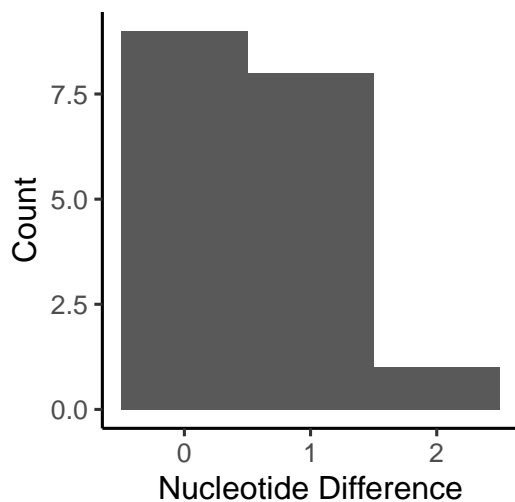
### TRBV18\*bp01

229 sequences assigned  
102 (44.5%) exact matches, in which:  
60 unique CDR3  
9 unique J



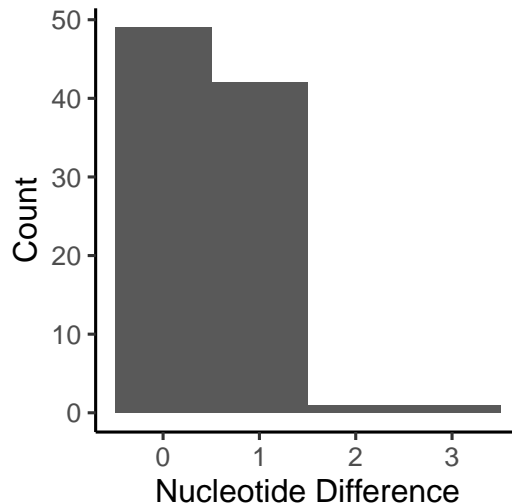
### TRBV10–2\*bp02

18 sequences assigned  
9 (50%) exact matches, in which:  
7 unique CDR3  
5 unique J



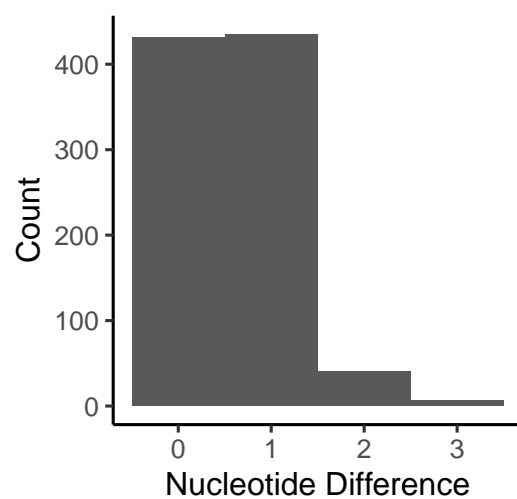
### TRBV14\*bp01

93 sequences assigned  
49 (52.7%) exact matches, in which:  
29 unique CDR3  
8 unique J



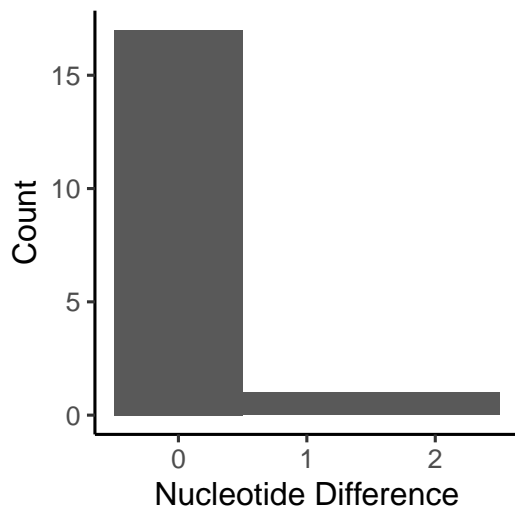
### TRBV19\*bp01

912 sequences assigned  
431 (47.3%) exact matches, in which:  
239 unique CDR3  
13 unique J



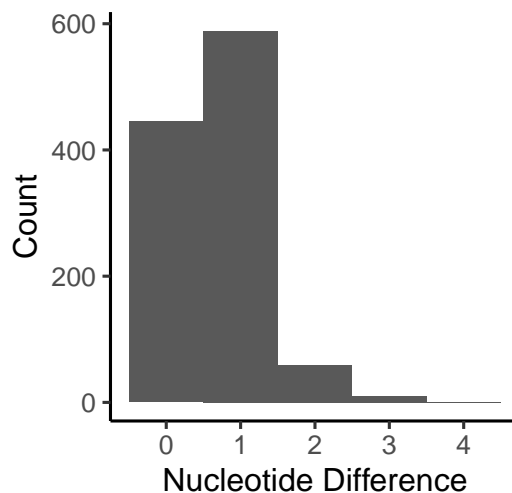
### TRBV2\*bp01

19 sequences assigned  
17 (89.5%) exact matches, in which:  
15 unique CDR3  
9 unique J



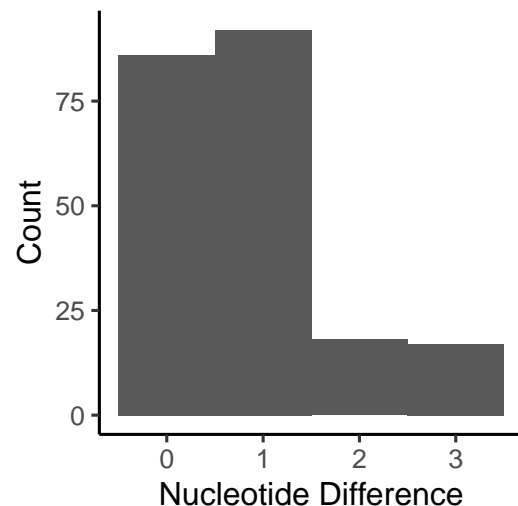
### TRBV30\*bp01

1104 sequences assigned  
445 (40.3%) exact matches, in which:  
205 unique CDR3  
13 unique J



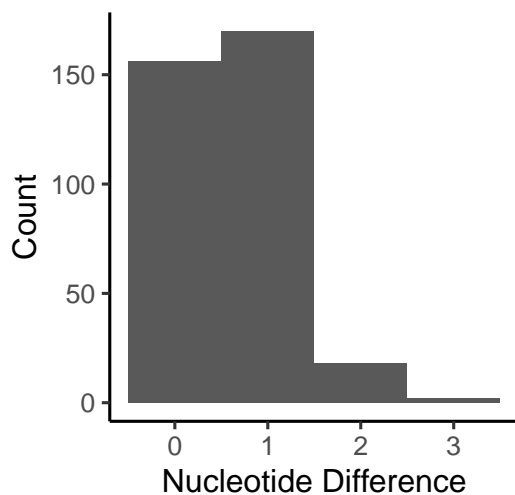
### TRBV11-1\*bp01

213 sequences assigned  
86 (40.4%) exact matches, in which:  
61 unique CDR3  
12 unique J



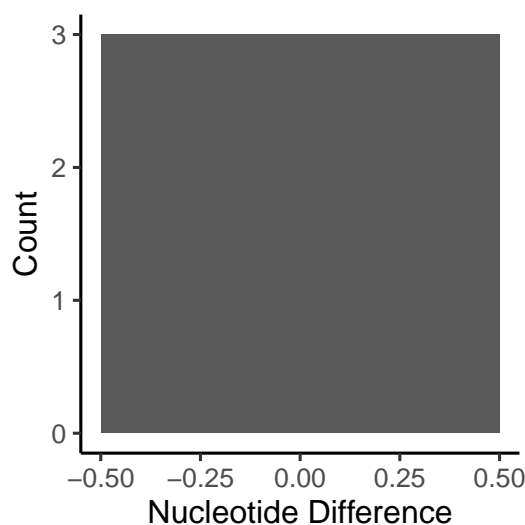
### TRBV27\*bp01

346 sequences assigned  
156 (45.1%) exact matches, in which:  
112 unique CDR3  
12 unique J



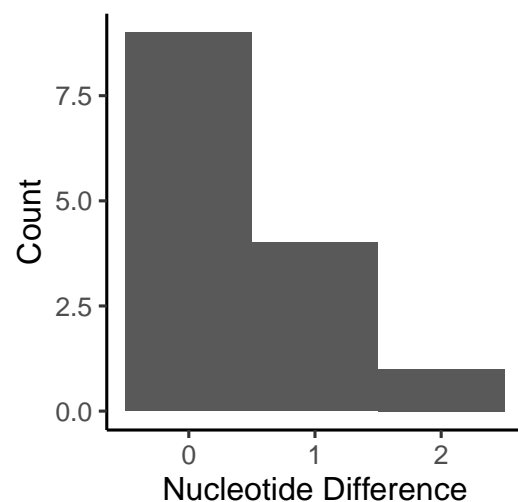
### TRBV9\*bp01

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



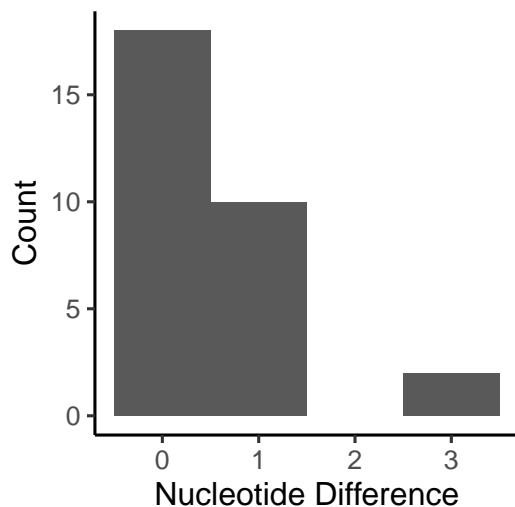
### TRBV21-1\*bp01

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



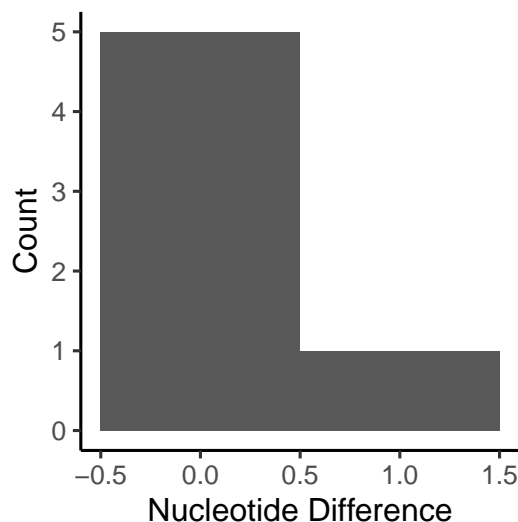
### TRBV28\*bp01

30 sequences assigned  
18 (60%) exact matches, in which:  
15 unique CDR3  
7 unique J



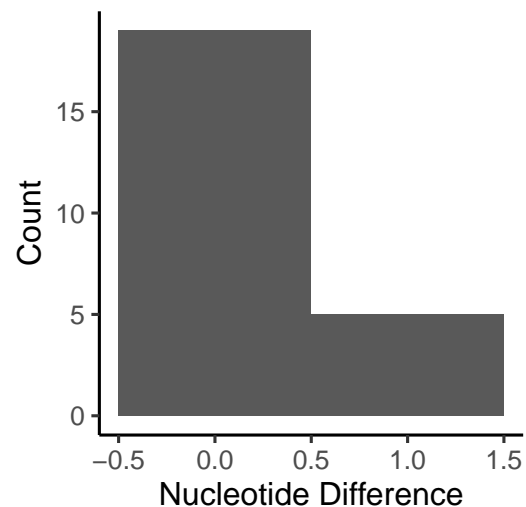
### TRBV9\*bp02

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



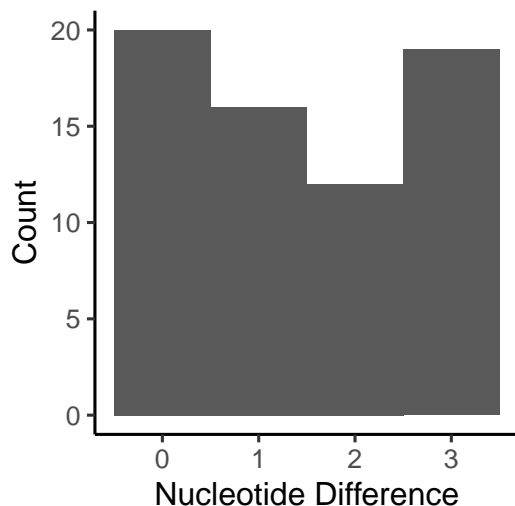
### TRBV21-1\*bp02

24 sequences assigned  
19 (79.2%) exact matches, in which:  
17 unique CDR3  
7 unique J



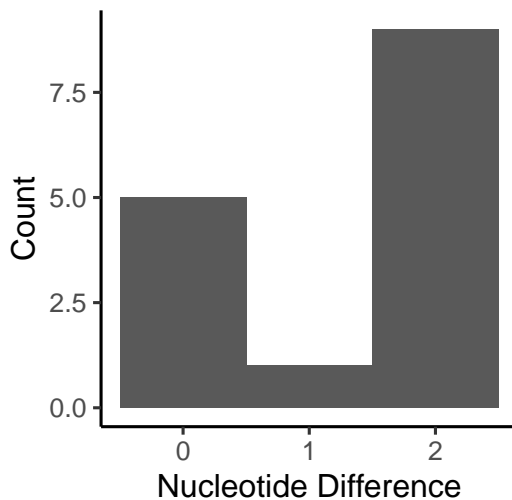
### TRBV11–2\*bp01

67 sequences assigned  
20 (29.9%) exact matches, in which:  
15 unique CDR3  
9 unique J



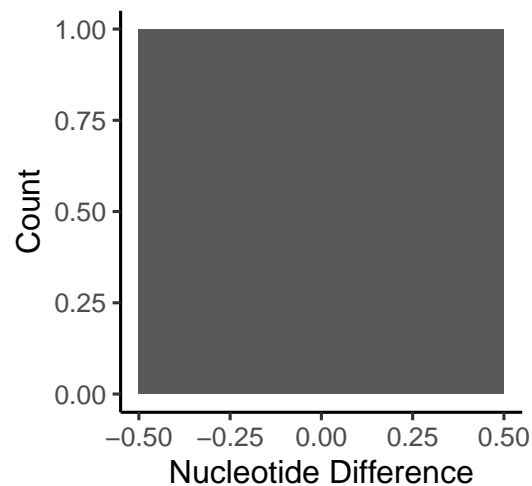
### TRBV12–5\*bp01

15 sequences assigned  
5 (33.3%) exact matches, in which:  
3 unique CDR3  
2 unique J



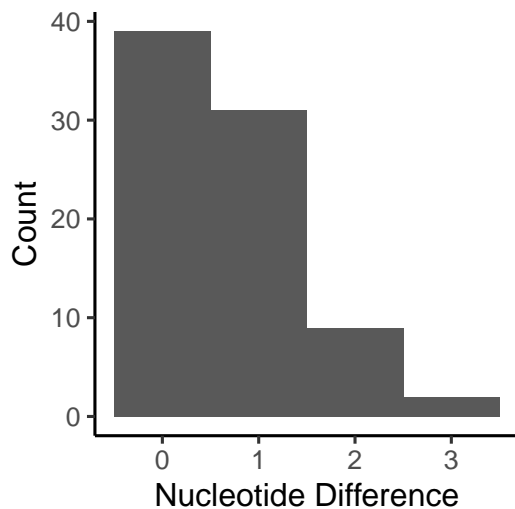
### TRBV3–2\*bp02

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



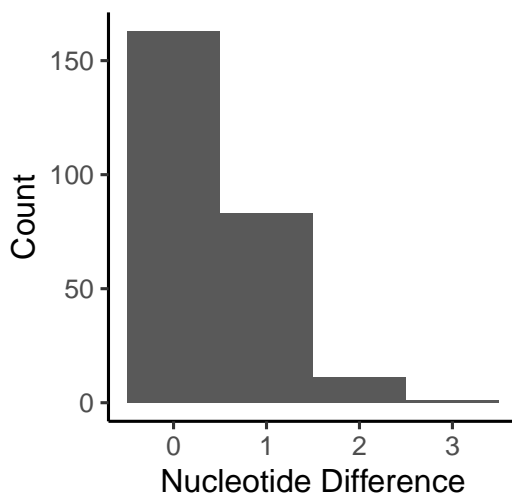
### TRBV11–2\*bp03

81 sequences assigned  
39 (48.1%) exact matches, in which:  
29 unique CDR3  
10 unique J



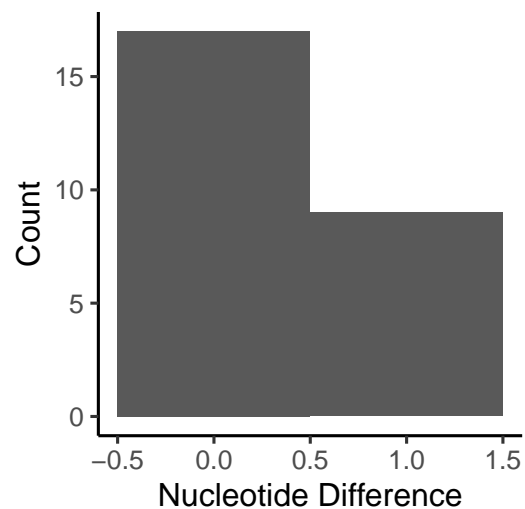
### TRBV12–34\*bp01

258 sequences assigned  
163 (63.2%) exact matches, in which:  
82 unique CDR3  
12 unique J



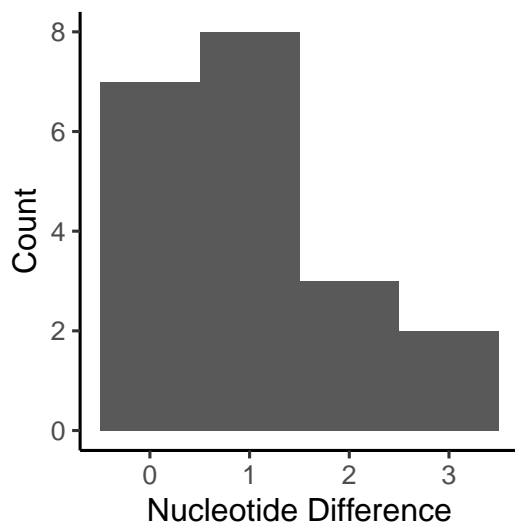
### TRBV24–1\*bp01

26 sequences assigned  
17 (65.4%) exact matches, in which:  
14 unique CDR3  
6 unique J



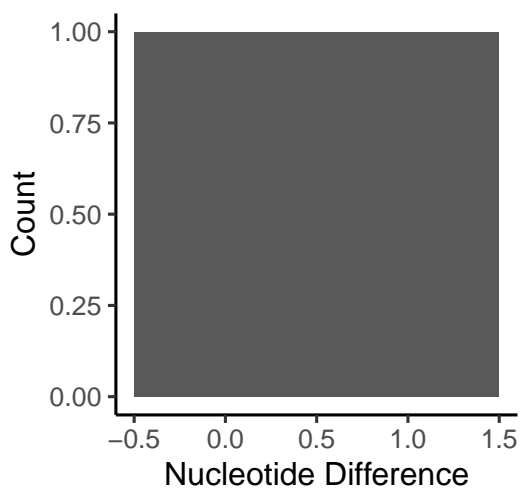
### TRBV11–3\*bp01

20 sequences assigned  
7 (35%) exact matches, in which:  
3 unique CDR3  
3 unique J



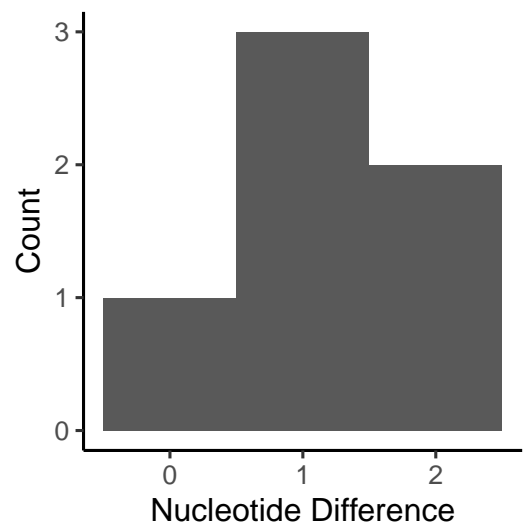
### TRBV23–1\*bp01

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



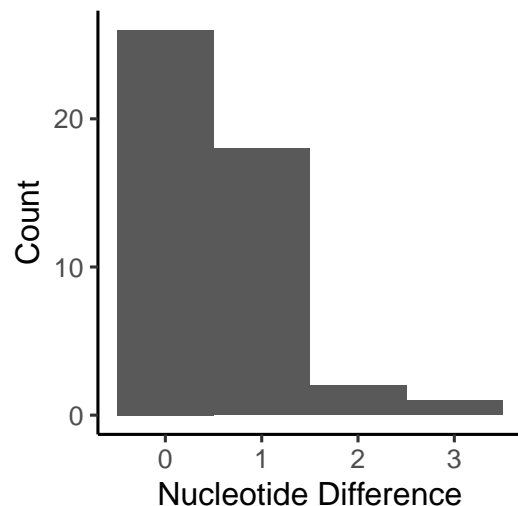
### TRBV4–1\*bp01

6 sequences assigned  
1 (16.7%) exact matches, in which:  
1 unique CDR3  
1 unique J



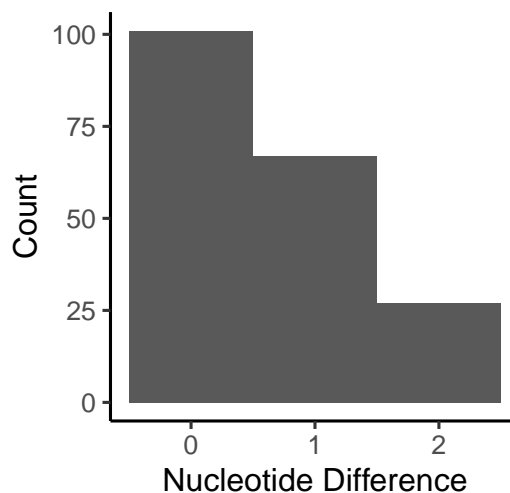
### TRBV24–1\*bp02

47 sequences assigned  
26 (55.3%) exact matches, in which:  
17 unique CDR3  
6 unique J



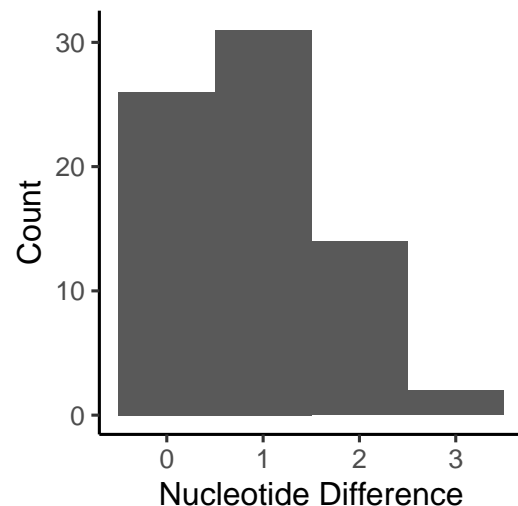
### TRBV5–1\*bp01

195 sequences assigned  
101 (51.8%) exact matches, in which:  
38 unique CDR3  
11 unique J



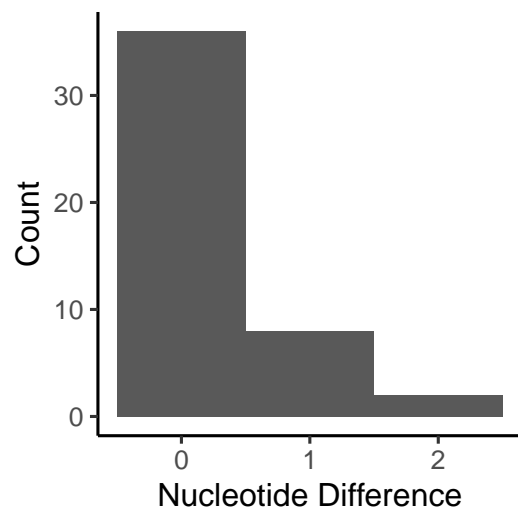
### TRBV5–3\*bp02

73 sequences assigned  
26 (35.6%) exact matches, in which:  
18 unique CDR3  
4 unique J



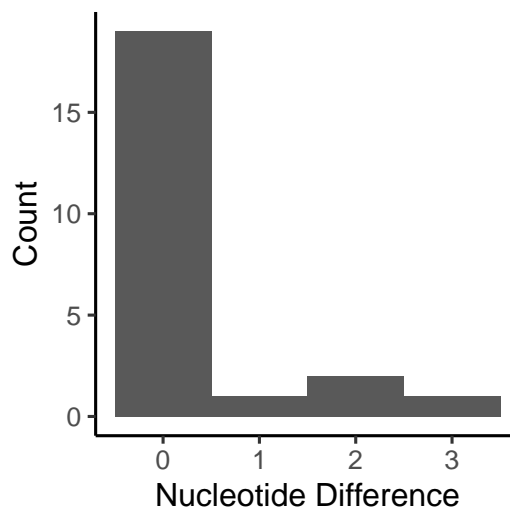
### TRBV4–2\*bp01

46 sequences assigned  
36 (78.3%) exact matches, in which:  
25 unique CDR3  
10 unique J



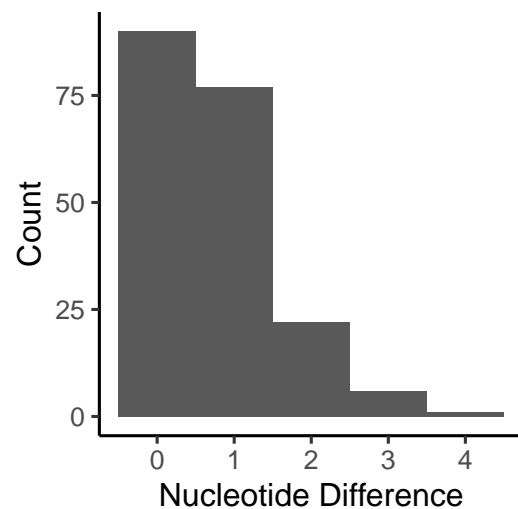
### TRBV25–1\*bp01

23 sequences assigned  
19 (82.6%) exact matches, in which:  
8 unique CDR3  
5 unique J



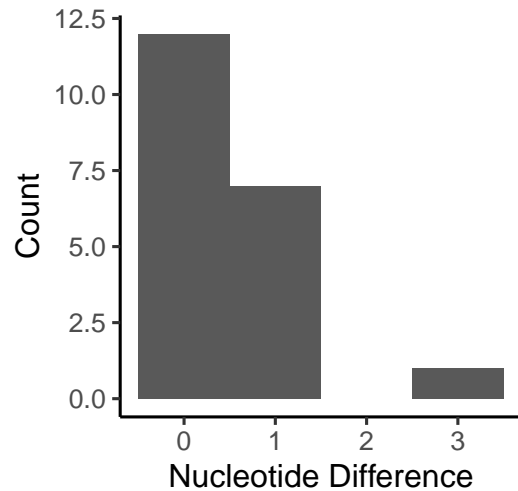
### TRBV5–4\*bp01

196 sequences assigned  
90 (45.9%) exact matches, in which:  
59 unique CDR3  
11 unique J



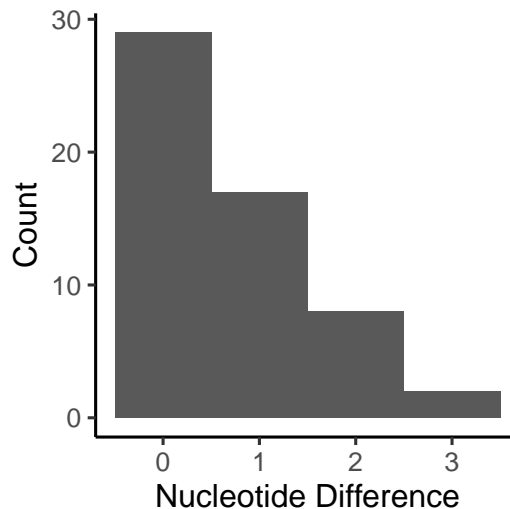
### TRBV4–3\*bp01

20 sequences assigned  
12 (60%) exact matches, in which:  
7 unique CDR3  
3 unique J



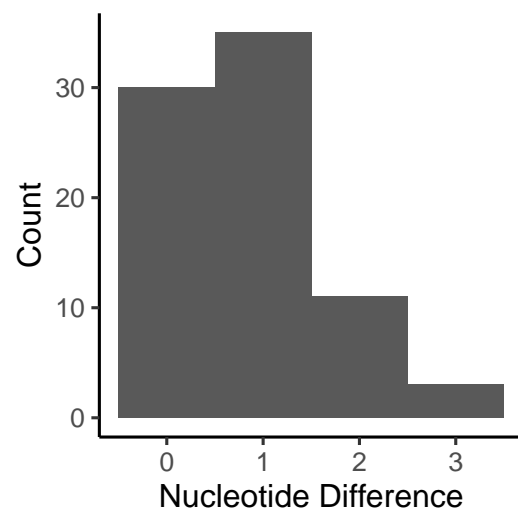
### TRBV5–3\*bp01

56 sequences assigned  
29 (51.8%) exact matches, in which:  
17 unique CDR3  
8 unique J



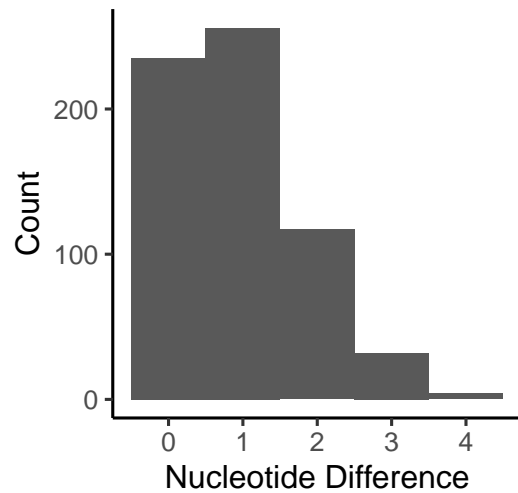
### TRBV5–5\*bp01

79 sequences assigned  
30 (38%) exact matches, in which:  
21 unique CDR3  
7 unique J



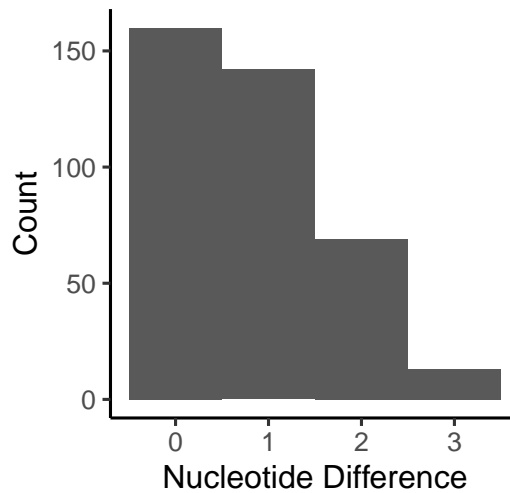
### TRBV5-6\*bp01

644 sequences assigned  
235 (36.5%) exact matches, in which:  
134 unique CDR3  
11 unique J



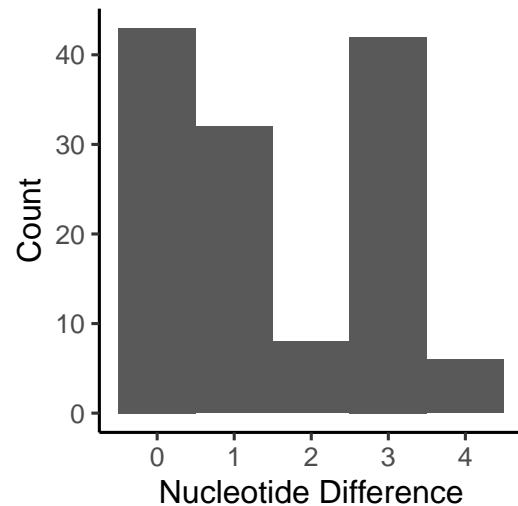
### TRBV6-1\*bp01

384 sequences assigned  
160 (41.7%) exact matches, in which:  
106 unique CDR3  
12 unique J



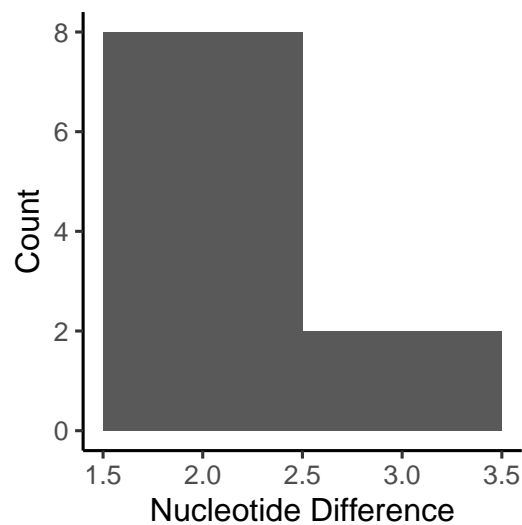
### TRBV6-6\*bp01

131 sequences assigned  
43 (32.8%) exact matches, in which:  
32 unique CDR3  
9 unique J



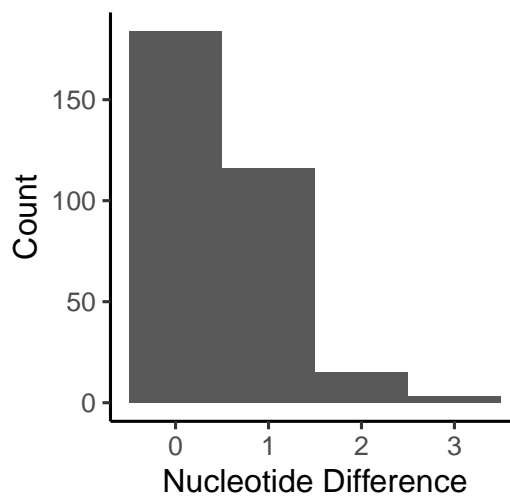
### TRBV5-7\*bp01

10 sequences assigned  
No exact matches.



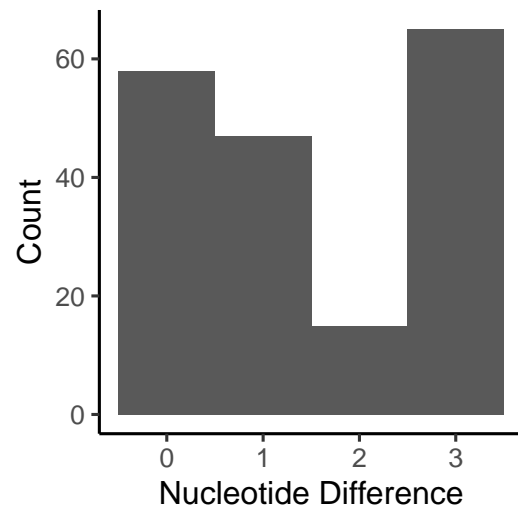
### TRBV6-4\*bp01

318 sequences assigned  
184 (57.9%) exact matches, in which:  
106 unique CDR3  
13 unique J



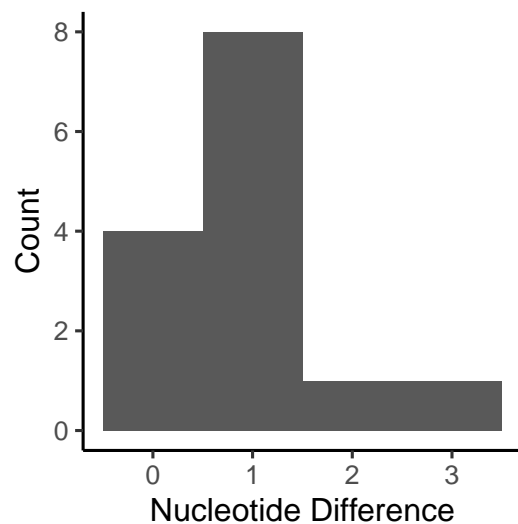
### TRBV6-6\*bp02

185 sequences assigned  
58 (31.4%) exact matches, in which:  
43 unique CDR3  
10 unique J



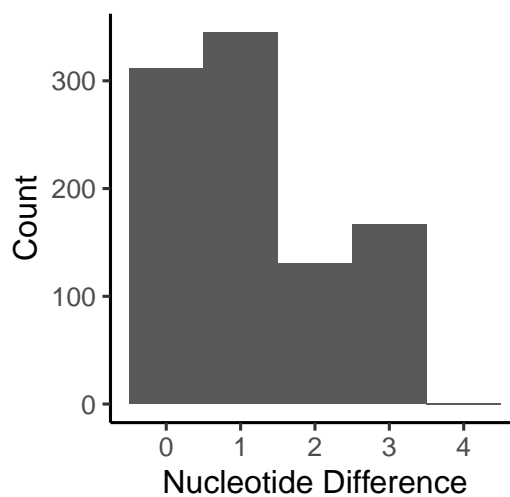
### TRBV5-8\*bp01

14 sequences assigned  
4 (28.6%) exact matches, in which:  
4 unique CDR3  
3 unique J



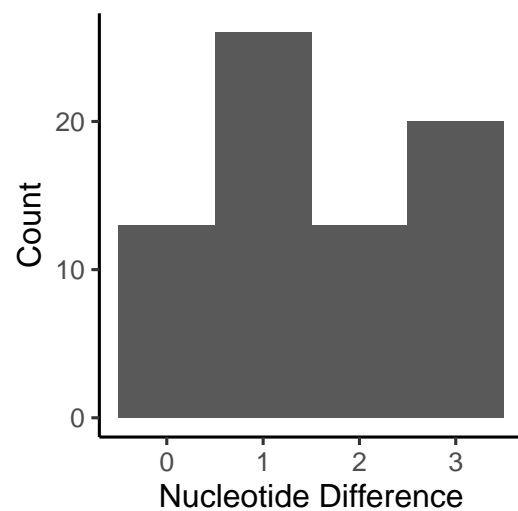
### TRBV6-5\*bp01

954 sequences assigned  
311 (32.6%) exact matches, in which:  
190 unique CDR3  
12 unique J



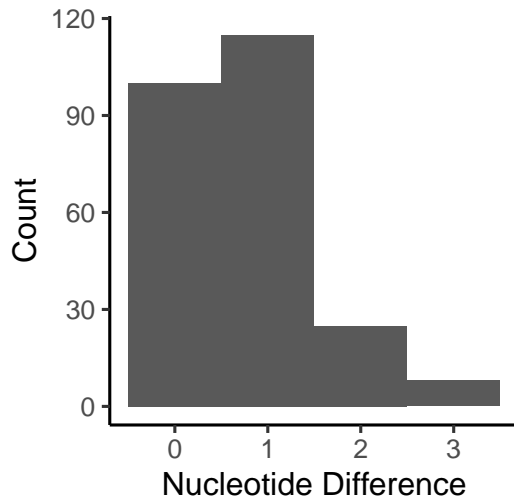
### TRBV6-8\*bp01

72 sequences assigned  
13 (18.1%) exact matches, in which:  
10 unique CDR3  
4 unique J



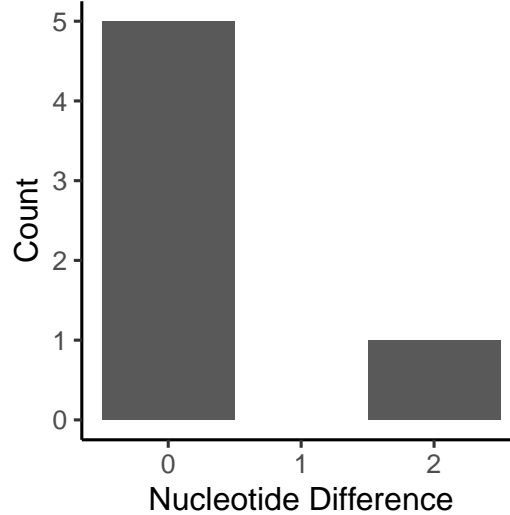
### TRBV6–23\*bp01

248 sequences assigned  
100 (40.3%) exact matches, in which:  
73 unique CDR3  
12 unique J



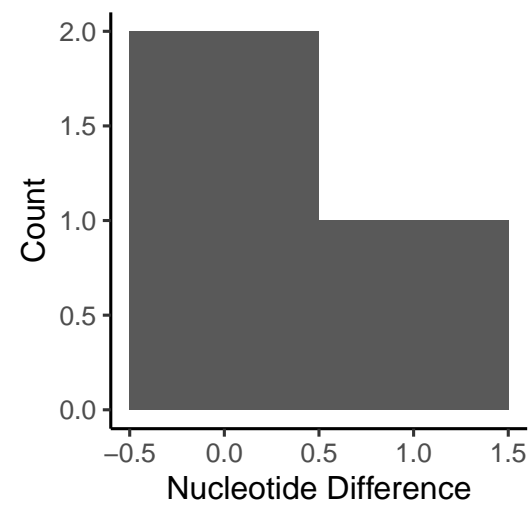
### TRBV7–3\*bp03

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



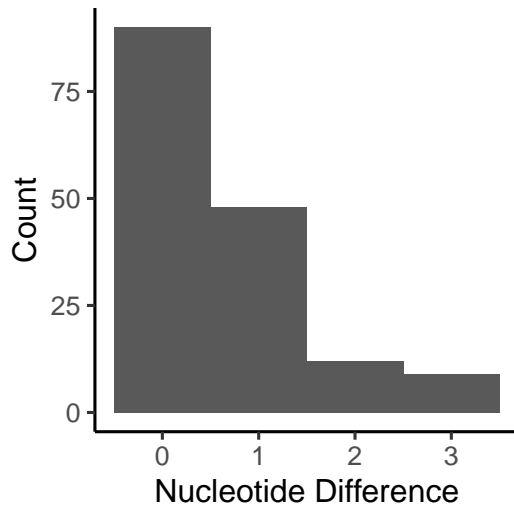
### TRBV7–7\*bp01

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



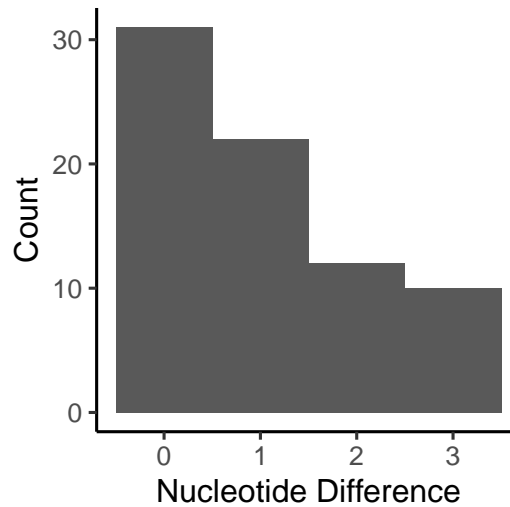
### TRBV7–2\*bp01

159 sequences assigned  
90 (56.6%) exact matches, in which:  
45 unique CDR3  
11 unique J



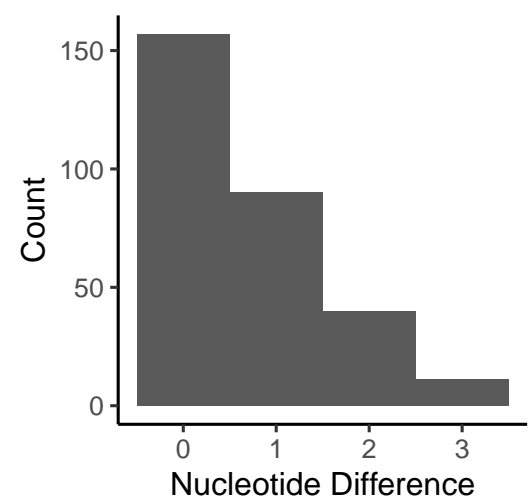
### TRBV7–4\*bp01

75 sequences assigned  
31 (41.3%) exact matches, in which:  
18 unique CDR3  
9 unique J



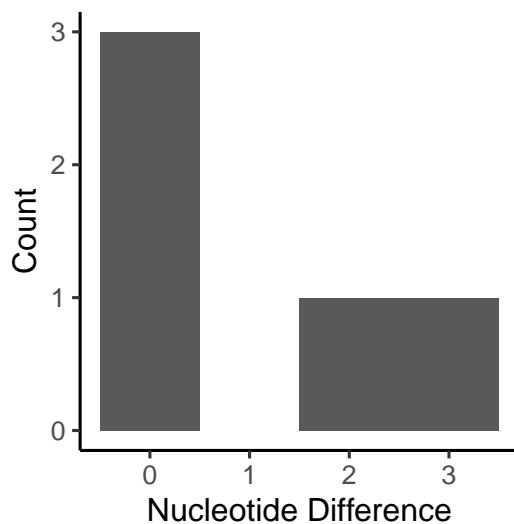
### TRBV7–9\*bp01

298 sequences assigned  
157 (52.7%) exact matches, in which:  
76 unique CDR3  
12 unique J



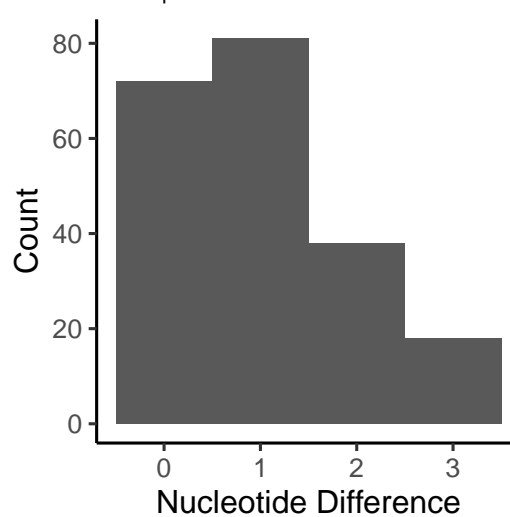
### TRBV7–3\*bp01

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



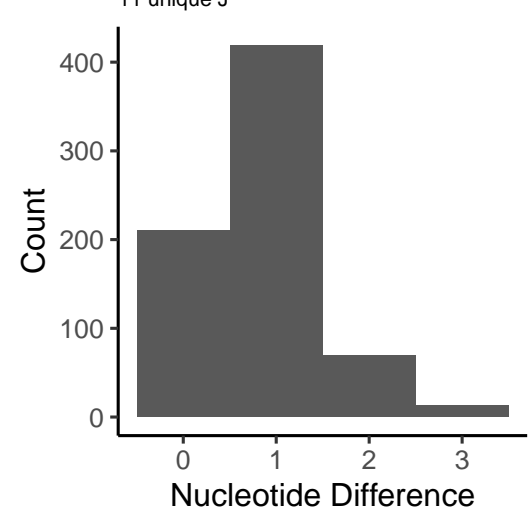
### TRBV7–6\*bp01

209 sequences assigned  
72 (34.4%) exact matches, in which:  
42 unique CDR3  
11 unique J



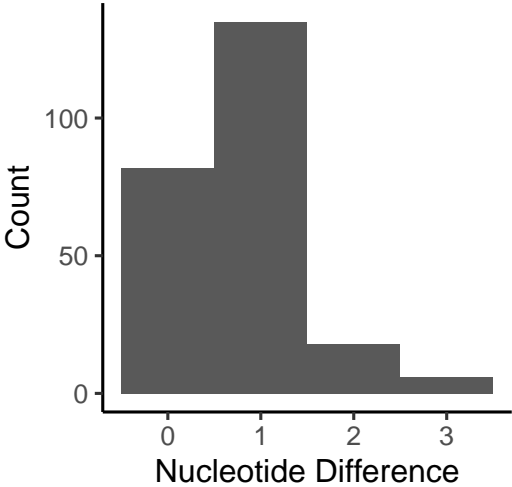
### TRBV29–1\*bp01

711 sequences assigned  
210 (29.5%) exact matches, in which:  
130 unique CDR3  
11 unique J

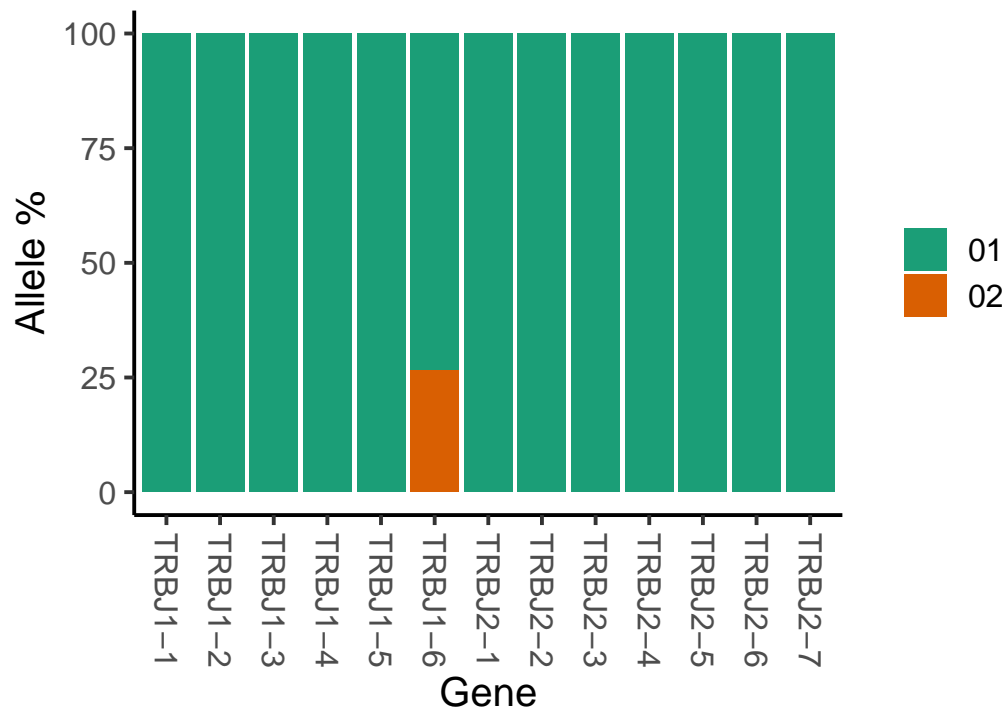


TRBV29-1\*bp03

241 sequences assigned  
82 (34%) exact matches, in which:  
61 unique CDR3  
8 unique J



Allele Usage





## Sequence Count by TRBJ1–6 allele usage



