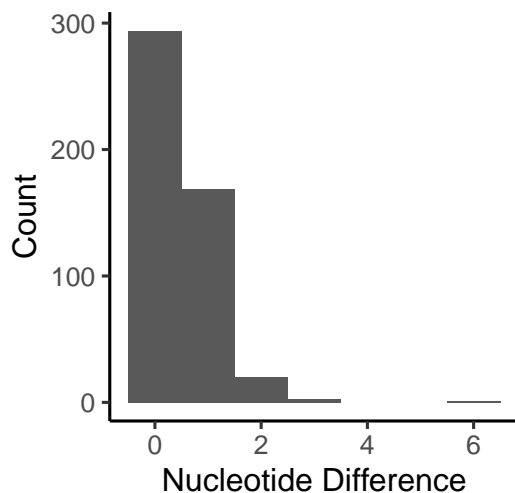


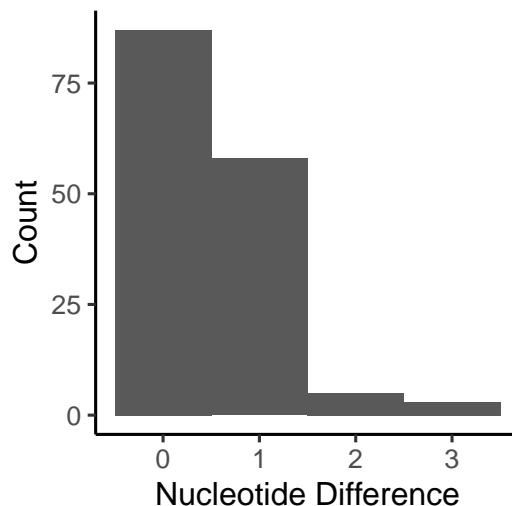
### TRBV20–1\*bp01

487 sequences assigned  
294 (60.4%) exact matches, in which:  
105 unique CDR3  
11 unique J



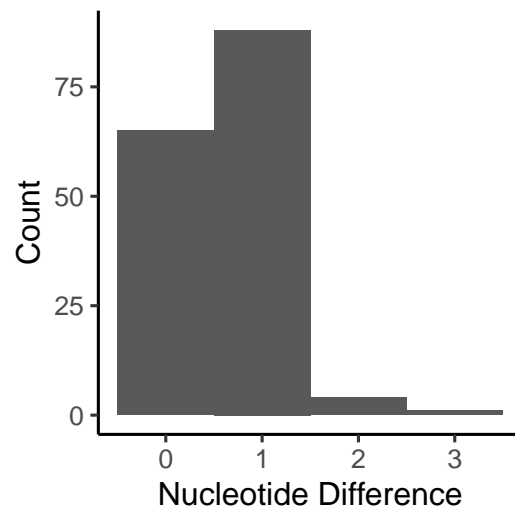
### TRBV10–3\*bp01

153 sequences assigned  
87 (56.9%) exact matches, in which:  
53 unique CDR3  
11 unique J



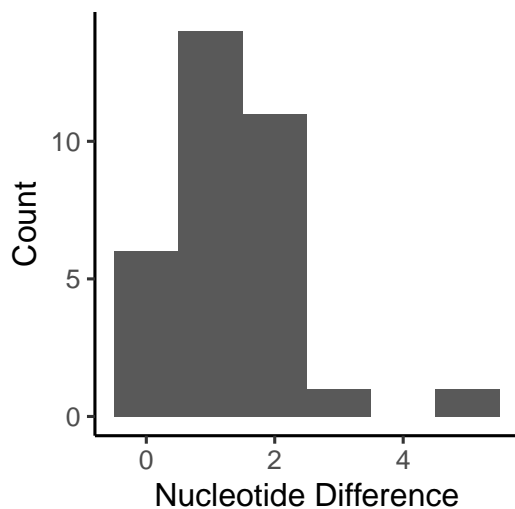
### TRBV15\*bp02

158 sequences assigned  
65 (41.1%) exact matches, in which:  
32 unique CDR3  
5 unique J



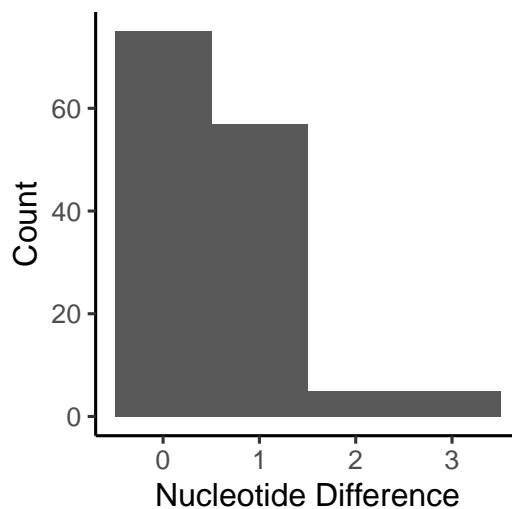
### TRBV10–1\*bp02

33 sequences assigned  
6 (18.2%) exact matches, in which:  
5 unique CDR3  
4 unique J



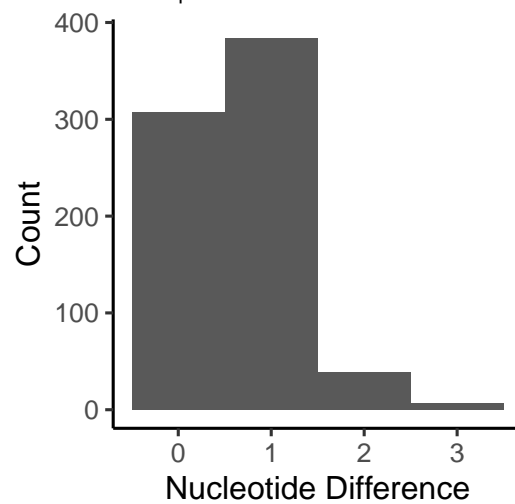
### TRBV13\*bp01

142 sequences assigned  
75 (52.8%) exact matches, in which:  
56 unique CDR3  
11 unique J



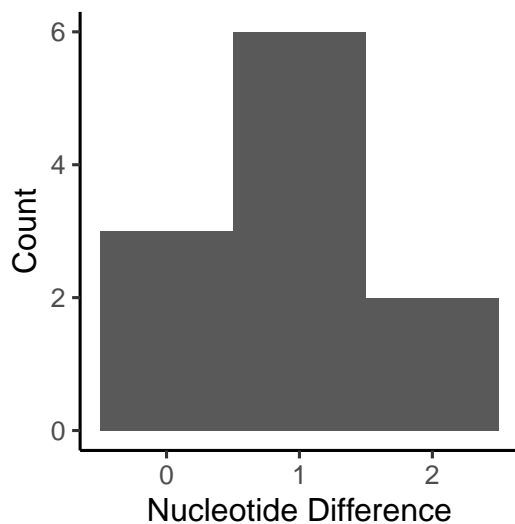
### TRBV18\*bp01

737 sequences assigned  
307 (41.7%) exact matches, in which:  
169 unique CDR3  
10 unique J



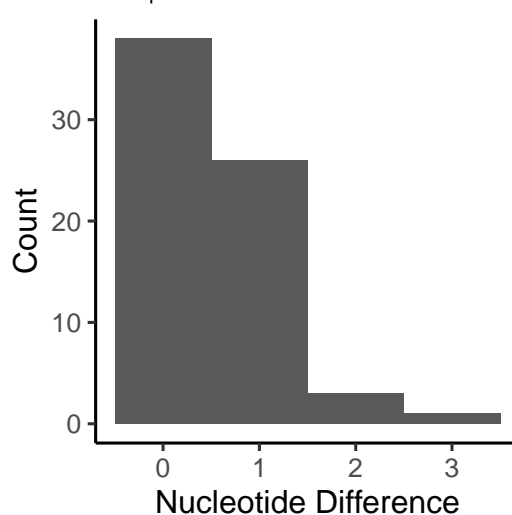
### TRBV10–2\*bp02

11 sequences assigned  
3 (27.3%) exact matches, in which:  
3 unique CDR3  
2 unique J



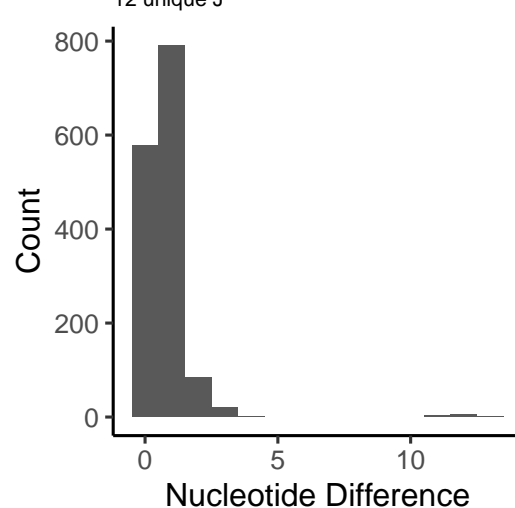
### TRBV14\*bp01

68 sequences assigned  
38 (55.9%) exact matches, in which:  
27 unique CDR3  
8 unique J



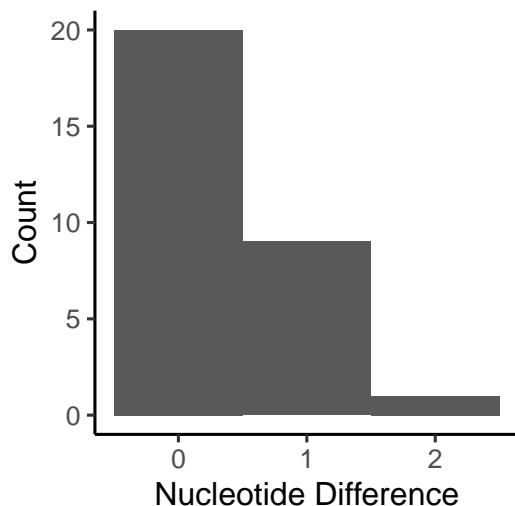
### TRBV19\*bp01

1484 sequences assigned  
577 (38.9%) exact matches, in which:  
267 unique CDR3  
12 unique J



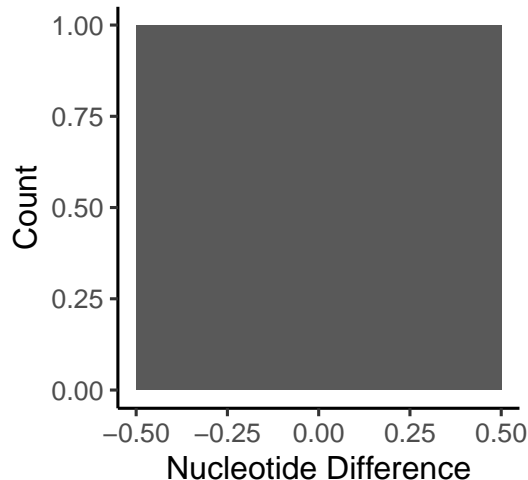
### TRBV2\*bp01

30 sequences assigned  
20 (66.7%) exact matches, in which:  
15 unique CDR3  
8 unique J



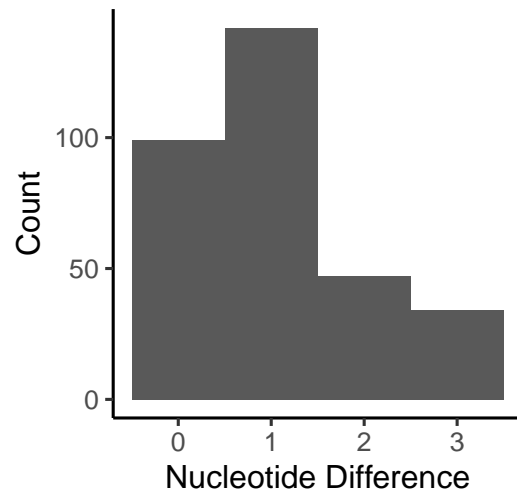
### TRBV30\*bp01

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



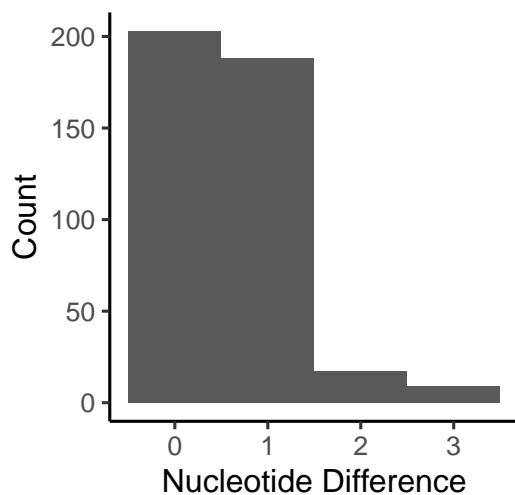
### TRBV11-1\*bp01

322 sequences assigned  
99 (30.7%) exact matches, in which:  
73 unique CDR3  
11 unique J



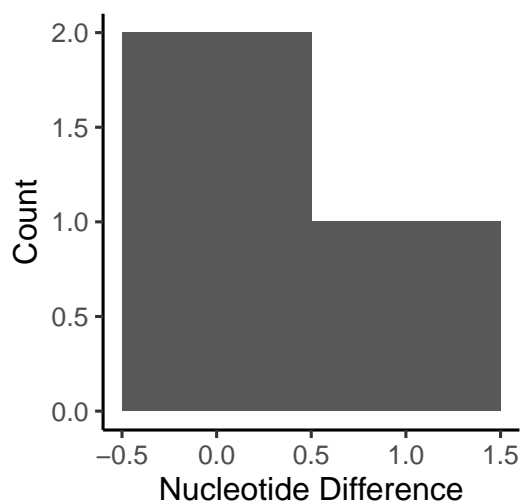
### TRBV27\*bp01

417 sequences assigned  
203 (48.7%) exact matches, in which:  
148 unique CDR3  
13 unique J



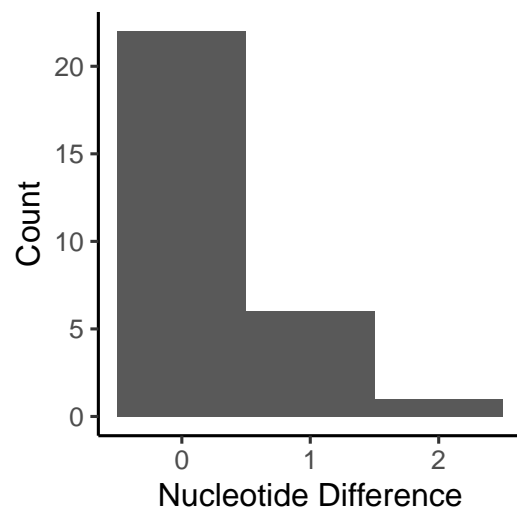
### TRBV30\*bp02

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



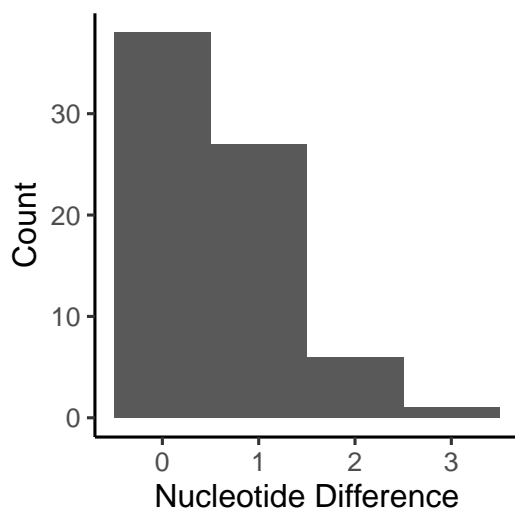
### TRBV21-1\*bp01

29 sequences assigned  
22 (75.9%) exact matches, in which:  
17 unique CDR3  
8 unique J



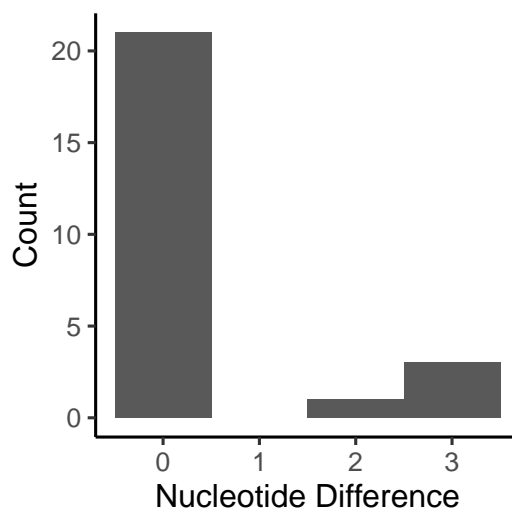
### TRBV28\*bp01

72 sequences assigned  
38 (52.8%) exact matches, in which:  
29 unique CDR3  
8 unique J



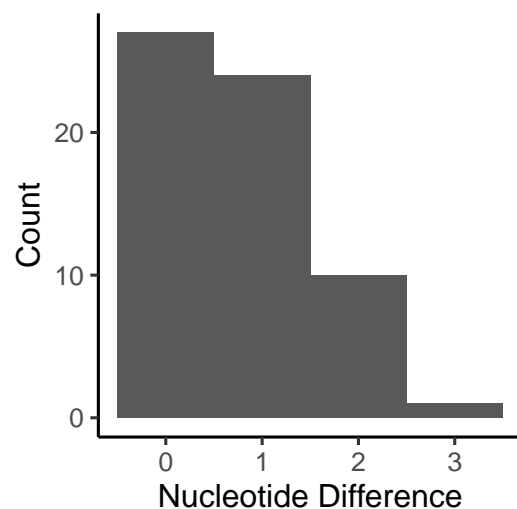
### TRBV9\*bp02

25 sequences assigned  
21 (84%) exact matches, in which:  
11 unique CDR3  
6 unique J



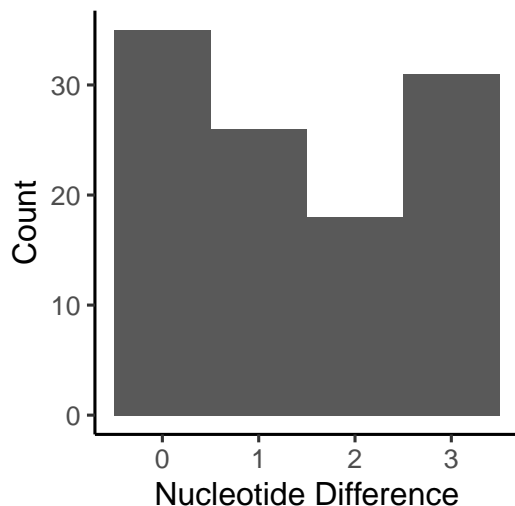
### TRBV21-1\*bp02

62 sequences assigned  
27 (43.5%) exact matches, in which:  
19 unique CDR3  
7 unique J



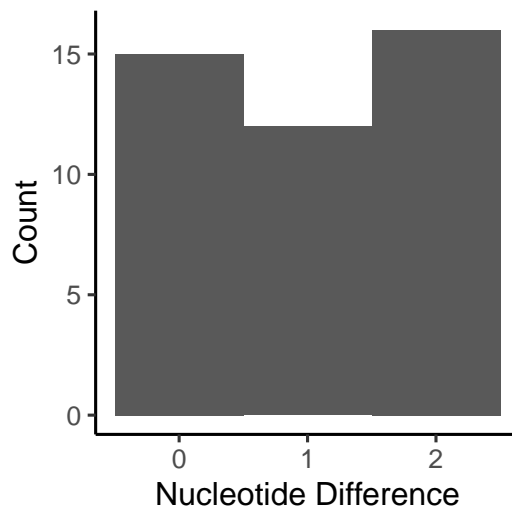
### TRBV11–2\*bp01

110 sequences assigned  
35 (31.8%) exact matches, in which:  
27 unique CDR3  
10 unique J



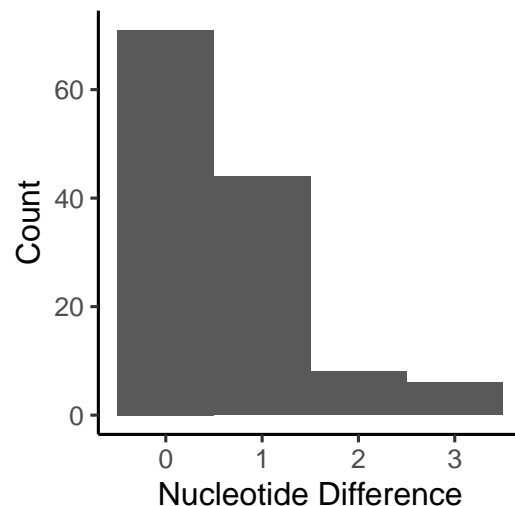
### TRBV12–5\*bp01

43 sequences assigned  
15 (34.9%) exact matches, in which:  
6 unique CDR3  
3 unique J



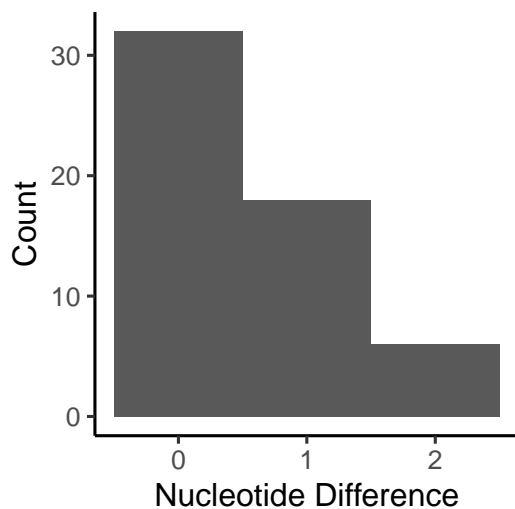
### TRBV24–1\*bp01

129 sequences assigned  
71 (55%) exact matches, in which:  
37 unique CDR3  
5 unique J



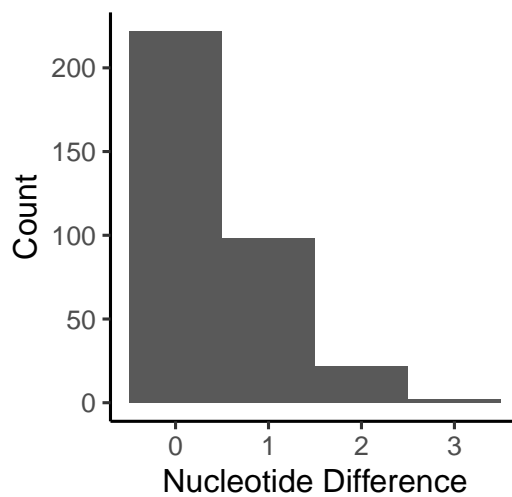
### TRBV11–2\*bp03

56 sequences assigned  
32 (57.1%) exact matches, in which:  
22 unique CDR3  
8 unique J



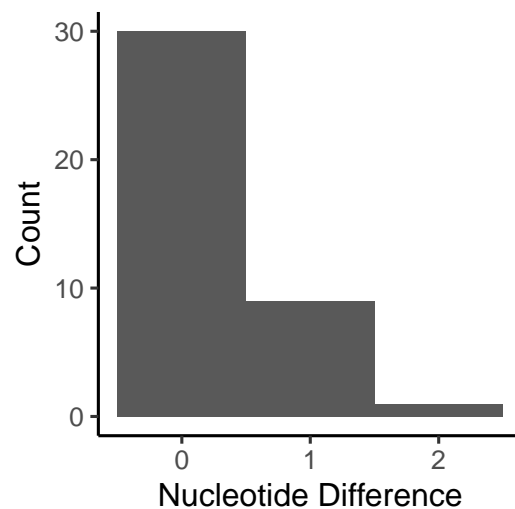
### TRBV12–34\*bp01

344 sequences assigned  
222 (64.5%) exact matches, in which:  
105 unique CDR3  
12 unique J



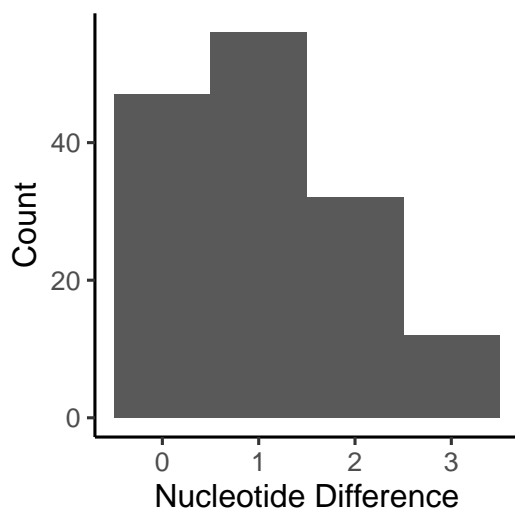
### TRBV4–1\*bp01

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



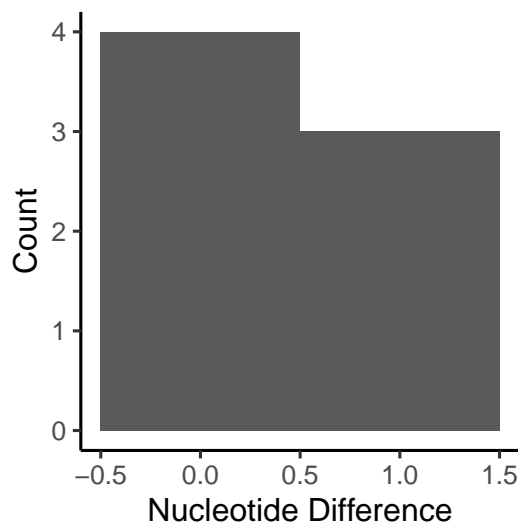
### TRBV11–3\*bp01

147 sequences assigned  
47 (32%) exact matches, in which:  
37 unique CDR3  
11 unique J



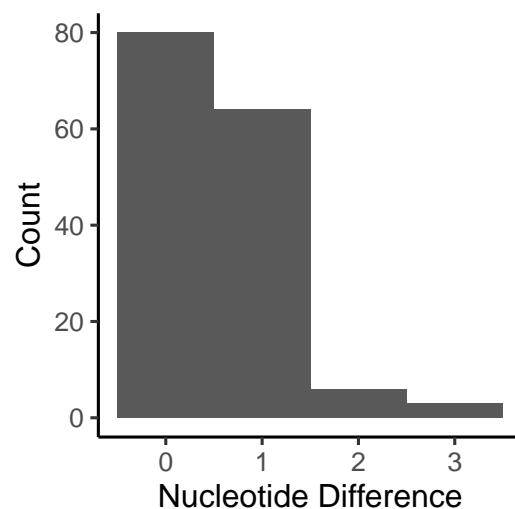
### TRBV23–1\*bp01

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



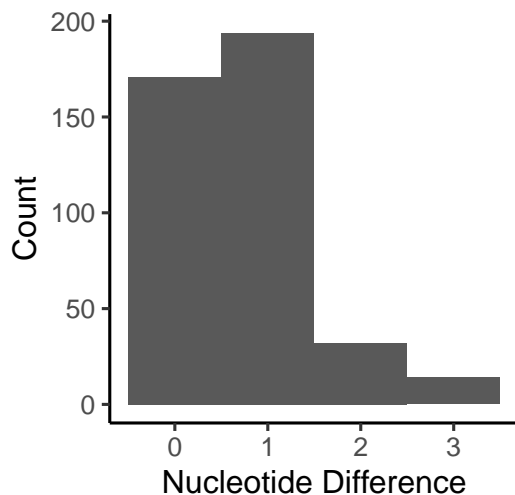
### TRBV24–1\*bp02

153 sequences assigned  
80 (52.3%) exact matches, in which:  
45 unique CDR3  
6 unique J



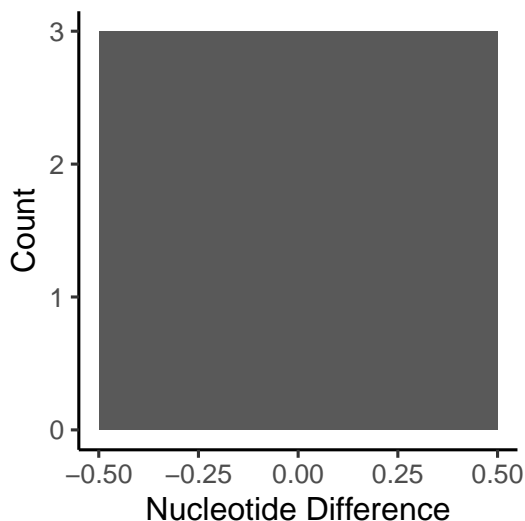
### TRBV4-2\*bp01

411 sequences assigned  
171 (41.6%) exact matches, in which:  
115 unique CDR3  
12 unique J



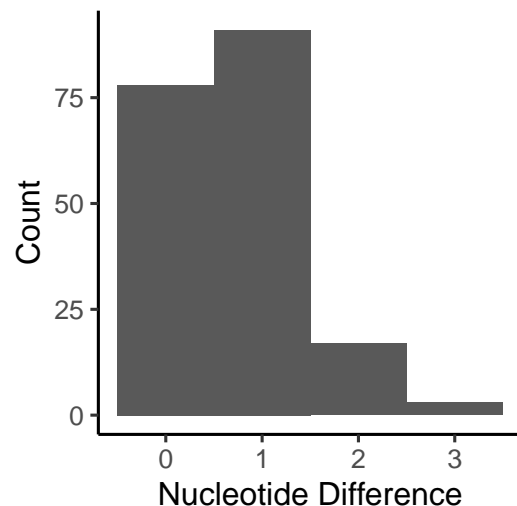
### TRBV25-1\*bp01

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



### TRBV5-5\*bp01

189 sequences assigned  
78 (41.3%) exact matches, in which:  
53 unique CDR3  
9 unique J



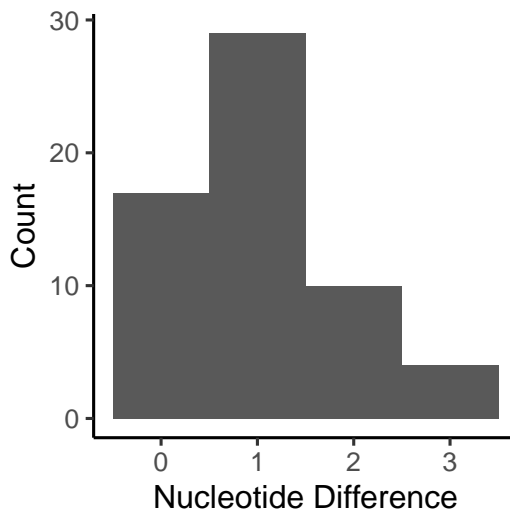
### TRBV4-3\*bp01

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



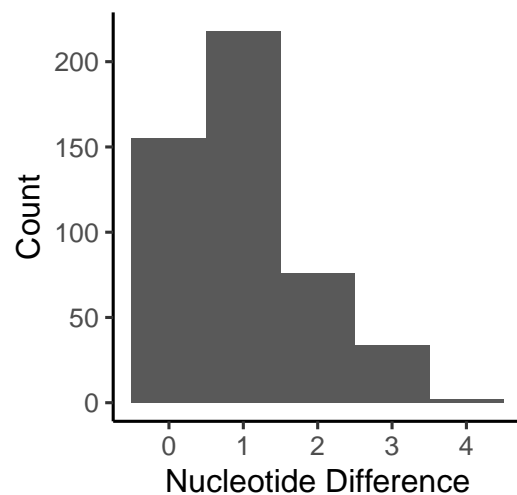
### TRBV5-3\*bp02

60 sequences assigned  
17 (28.3%) exact matches, in which:  
13 unique CDR3  
6 unique J



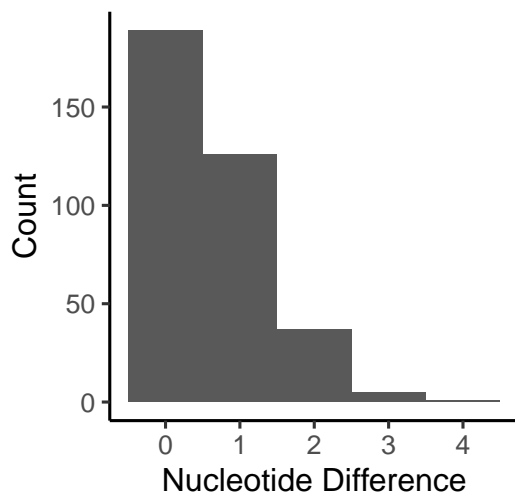
### TRBV5-6\*bp01

485 sequences assigned  
155 (32%) exact matches, in which:  
99 unique CDR3  
12 unique J



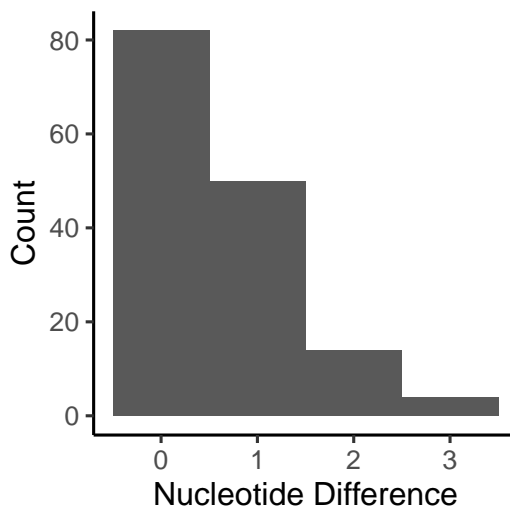
### TRBV5-1\*bp01

358 sequences assigned  
189 (52.8%) exact matches, in which:  
78 unique CDR3  
11 unique J



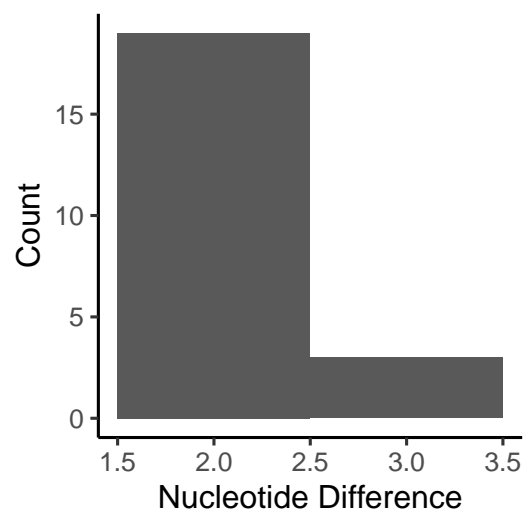
### TRBV5-4\*bp01

150 sequences assigned  
82 (54.7%) exact matches, in which:  
42 unique CDR3  
9 unique J



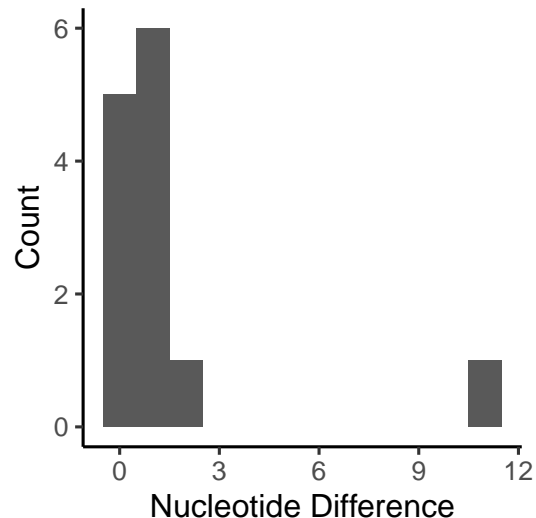
### TRBV5-7\*bp01

22 sequences assigned  
No exact matches.



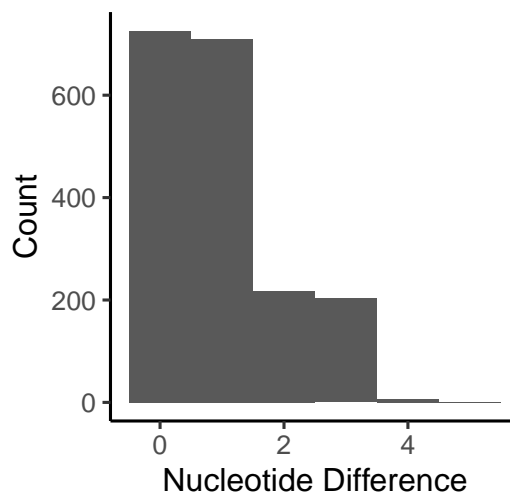
### TRBV5–8\*bp01

13 sequences assigned  
5 (38.5%) exact matches, in which:  
3 unique CDR3  
2 unique J



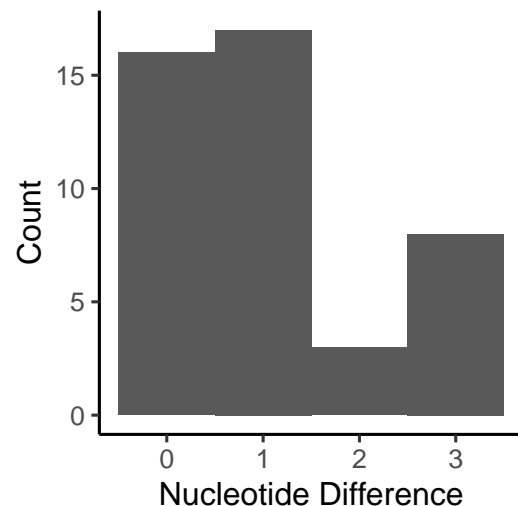
### TRBV6–5\*bp01

1863 sequences assigned  
726 (39%) exact matches, in which:  
439 unique CDR3  
13 unique J



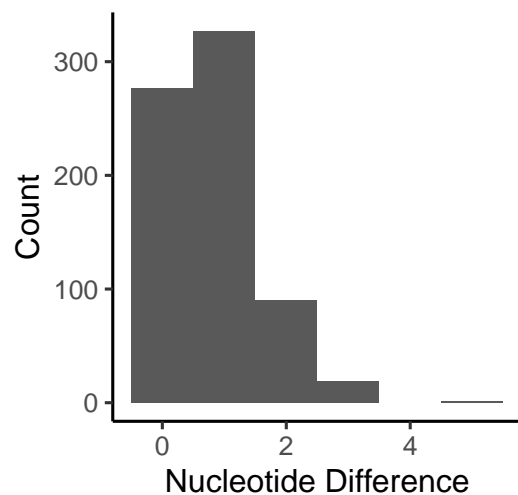
### TRBV6–9\*bp01

44 sequences assigned  
16 (36.4%) exact matches, in which:  
15 unique CDR3  
8 unique J



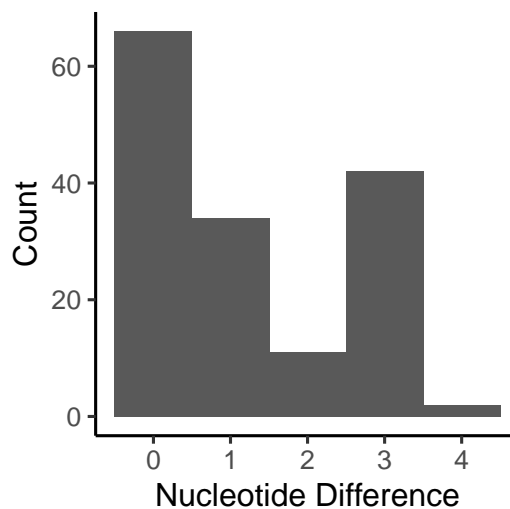
### TRBV6–1\*bp01

714 sequences assigned  
277 (38.8%) exact matches, in which:  
193 unique CDR3  
12 unique J



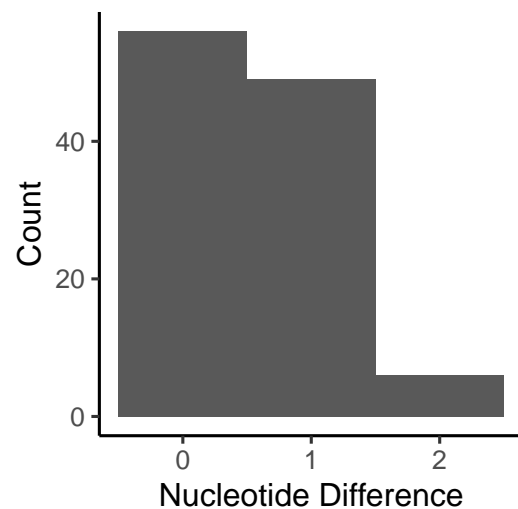
### TRBV6–6\*bp01

155 sequences assigned  
66 (42.6%) exact matches, in which:  
48 unique CDR3  
10 unique J



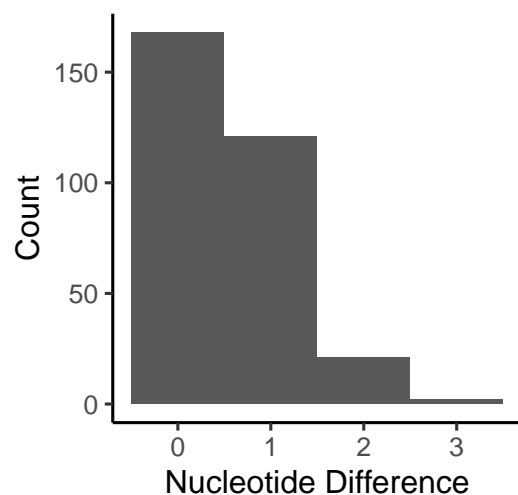
### TRBV6–23\*bp01

111 sequences assigned  
56 (50.5%) exact matches, in which:  
42 unique CDR3  
12 unique J



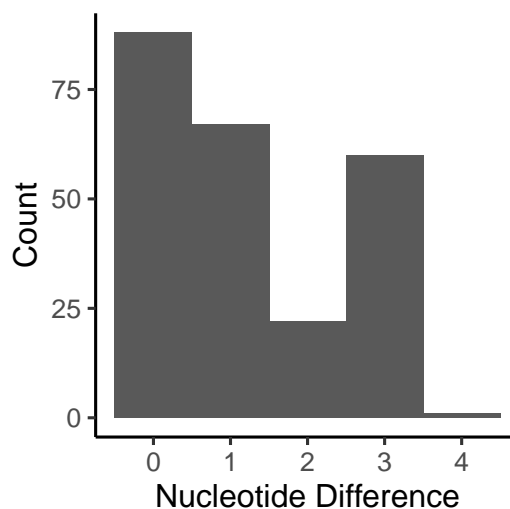
### TRBV6–4\*bp01

312 sequences assigned  
168 (53.8%) exact matches, in which:  
116 unique CDR3  
13 unique J



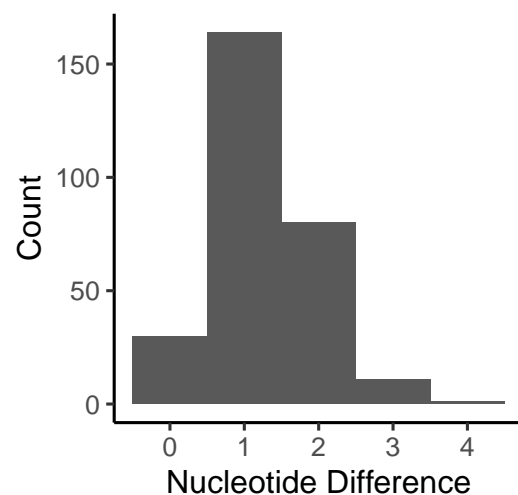
### TRBV6–6\*bp02

238 sequences assigned  
88 (37%) exact matches, in which:  
64 unique CDR3  
10 unique J



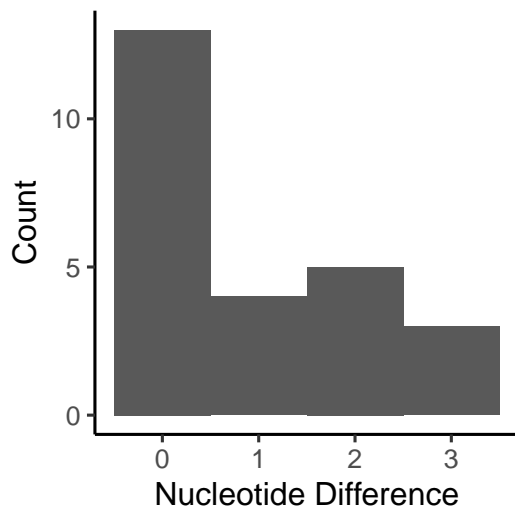
### TRBV7–2\*bp01

286 sequences assigned  
30 (10.5%) exact matches, in which:  
19 unique CDR3  
9 unique J



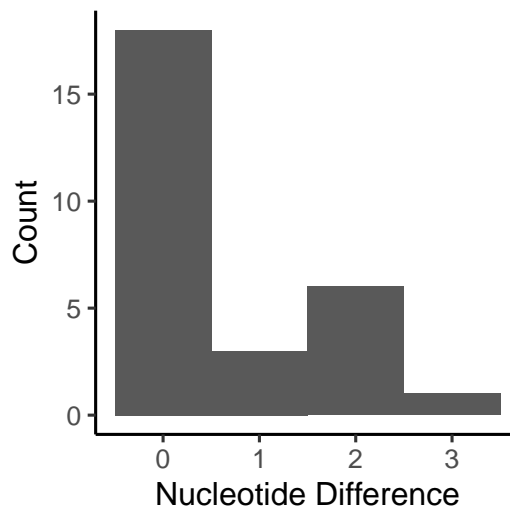
### TRBV7-3\*bp03

25 sequences assigned  
13 (52%) exact matches, in which:  
8 unique CDR3  
5 unique J



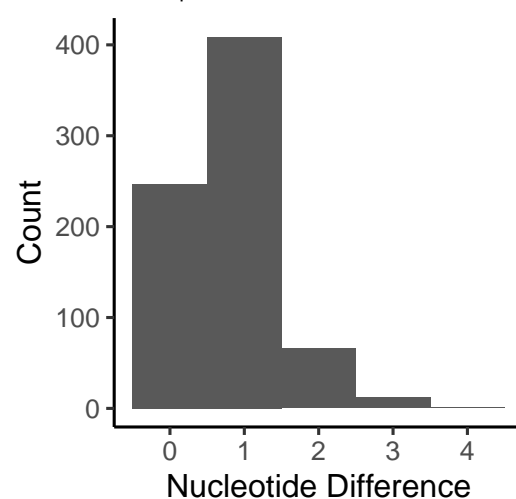
### TRBV7-7\*bp01

28 sequences assigned  
18 (64.3%) exact matches, in which:  
7 unique CDR3  
5 unique J



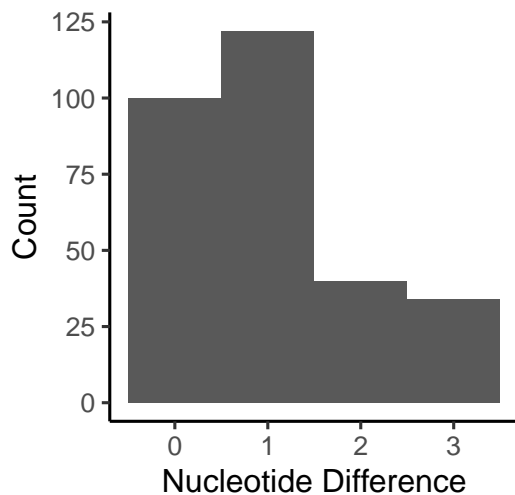
### TRBV29-1\*bp01

735 sequences assigned  
247 (33.6%) exact matches, in which:  
139 unique CDR3  
10 unique J



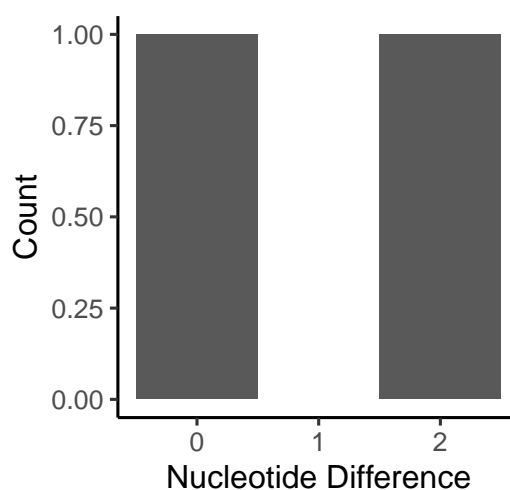
### TRBV7-4\*bp01

296 sequences assigned  
100 (33.8%) exact matches, in which:  
70 unique CDR3  
11 unique J



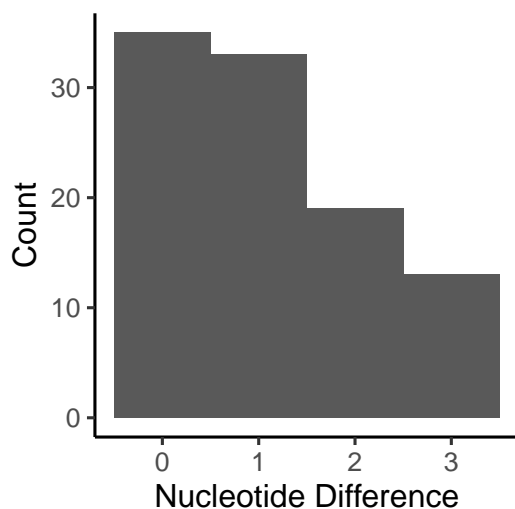
### TRBV7-8\*bp01

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



### TRBV7-6\*bp01

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



### TRBV7-9\*bp01

646 sequences assigned  
325 (50.3%) exact matches, in which:  
152 unique CDR3  
11 unique J

