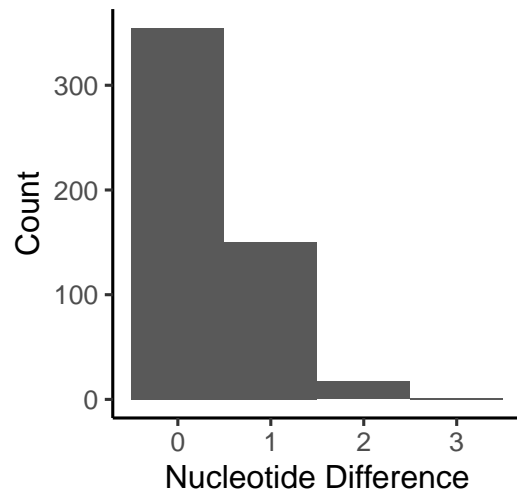


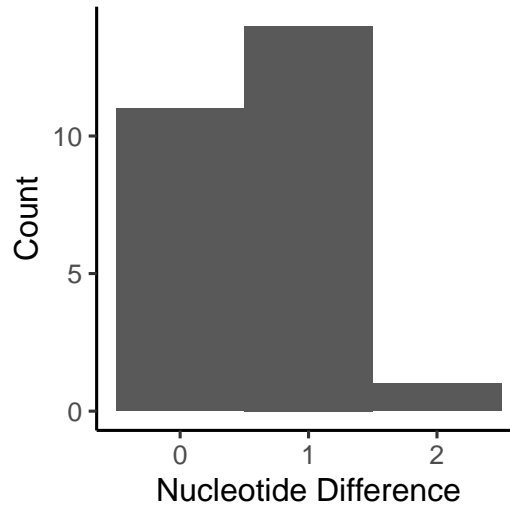
### TRBV20–1\*bp01

523 sequences assigned  
355 (67.9%) exact matches, in which:  
204 unique CDR3  
14 unique J



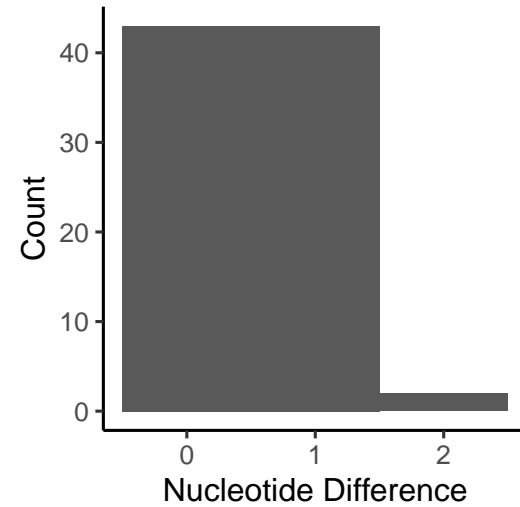
### TRBV10–2\*bp02

26 sequences assigned  
11 (42.3%) exact matches, in which:  
8 unique CDR3  
3 unique J



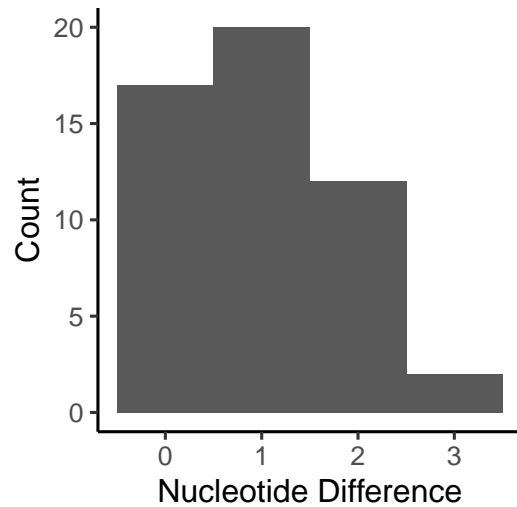
### TRBV14\*bp01

88 sequences assigned  
43 (48.9%) exact matches, in which:  
29 unique CDR3  
9 unique J



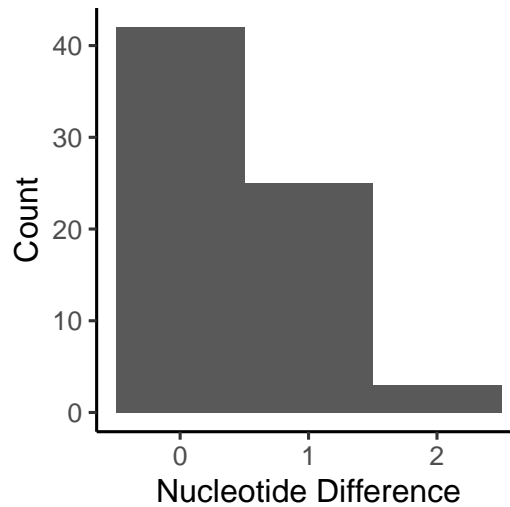
### TRBV10–1\*bp02

51 sequences assigned  
17 (33.3%) exact matches, in which:  
15 unique CDR3  
8 unique J



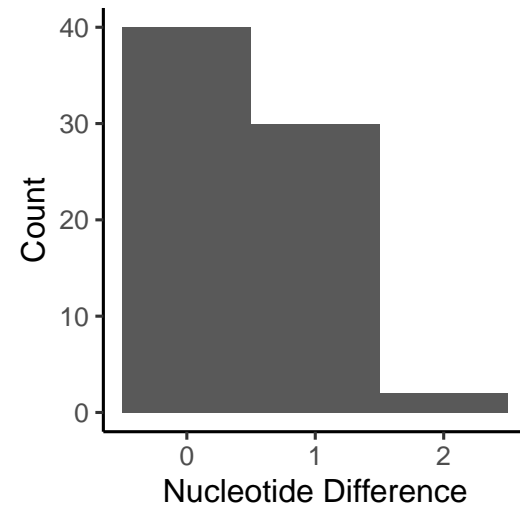
### TRBV10–3\*bp01

70 sequences assigned  
42 (60%) exact matches, in which:  
31 unique CDR3  
11 unique J



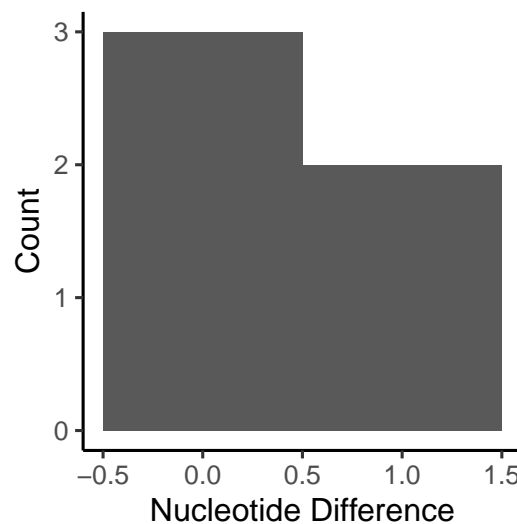
### TRBV15\*bp02

72 sequences assigned  
40 (55.6%) exact matches, in which:  
28 unique CDR3  
11 unique J



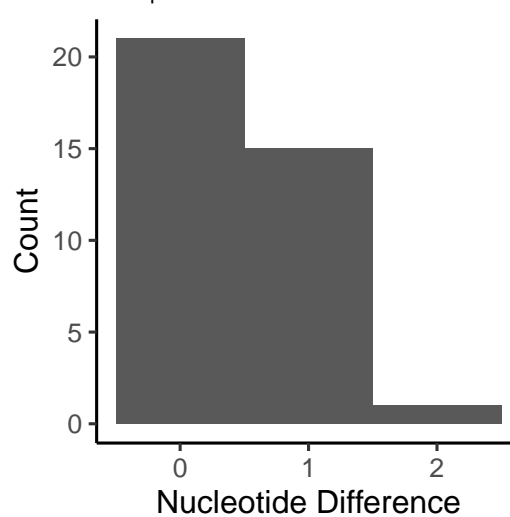
### TRBV10–2\*bp01

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



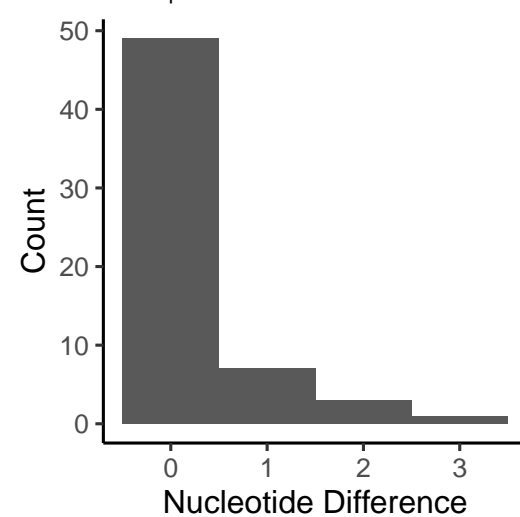
### TRBV13\*bp01

37 sequences assigned  
21 (56.8%) exact matches, in which:  
18 unique CDR3  
8 unique J



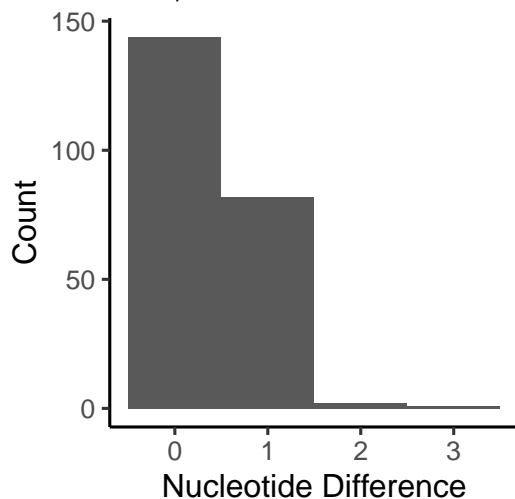
### TRBV18\*bp01

60 sequences assigned  
49 (81.7%) exact matches, in which:  
34 unique CDR3  
12 unique J



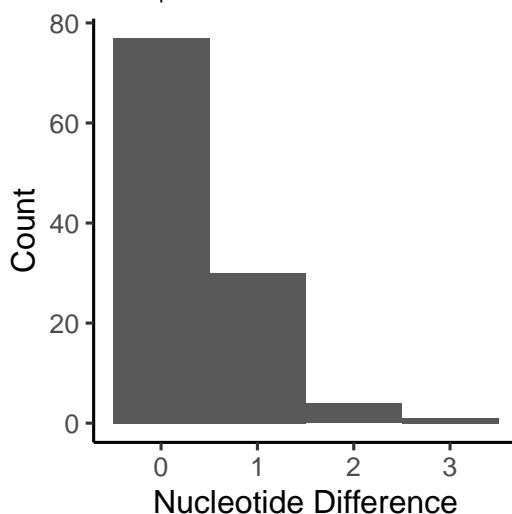
### TRBV19\*bp01

229 sequences assigned  
144 (62.9%) exact matches, in which:  
100 unique CDR3  
14 unique J



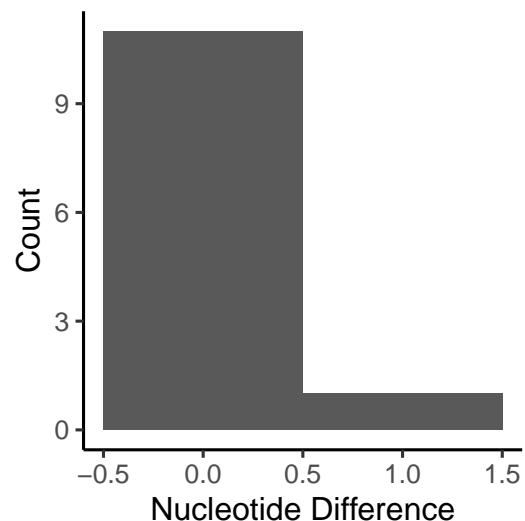
### TRBV28\*bp01

112 sequences assigned  
77 (68.8%) exact matches, in which:  
64 unique CDR3  
14 unique J



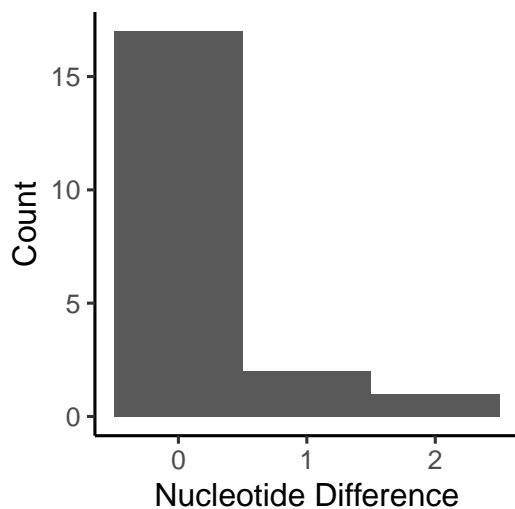
### TRBV9\*bp02

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



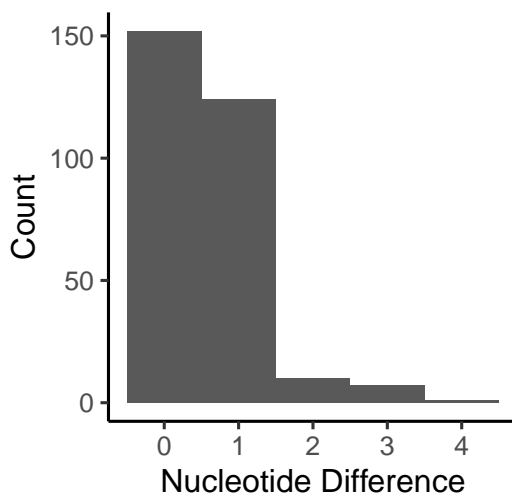
### TRBV2\*bp01

20 sequences assigned  
17 (85%) exact matches, in which:  
16 unique CDR3  
10 unique J



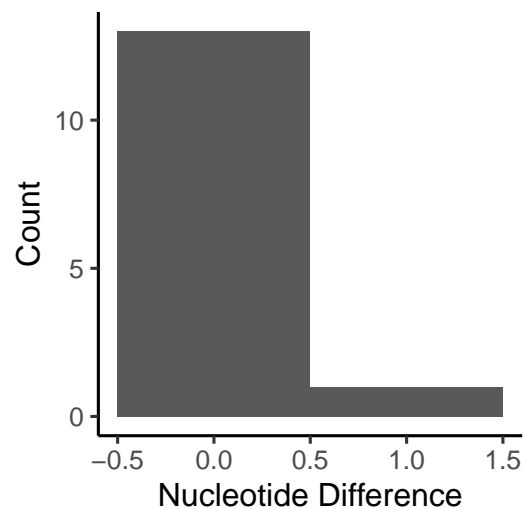
### TRBV30\*bp01

294 sequences assigned  
152 (51.7%) exact matches, in which:  
74 unique CDR3  
13 unique J



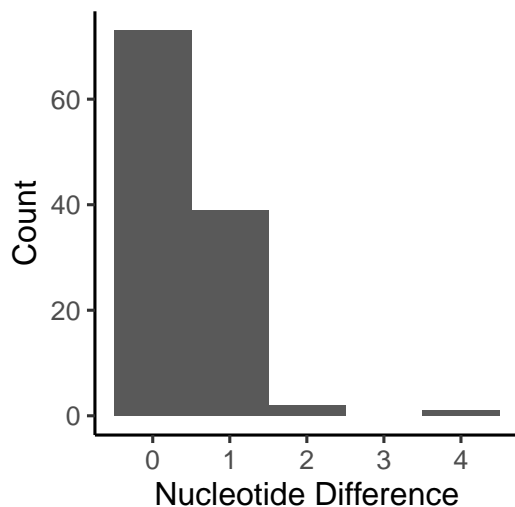
### TRBV21-1\*bp01

14 sequences assigned  
13 (92.9%) exact matches, in which:  
12 unique CDR3  
8 unique J



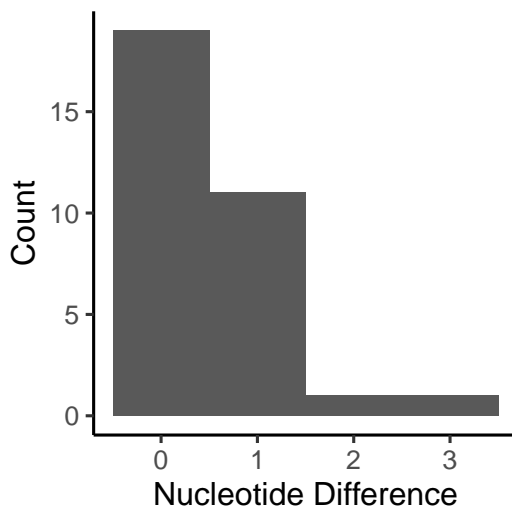
### TRBV27\*bp01

115 sequences assigned  
73 (63.5%) exact matches, in which:  
62 unique CDR3  
13 unique J



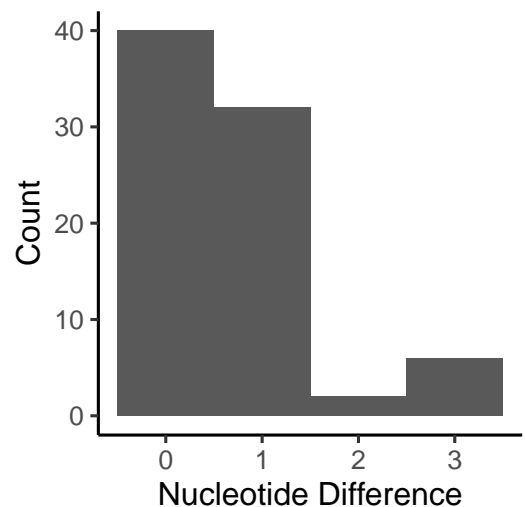
### TRBV9\*bp01

32 sequences assigned  
19 (59.4%) exact matches, in which:  
10 unique CDR3  
7 unique J



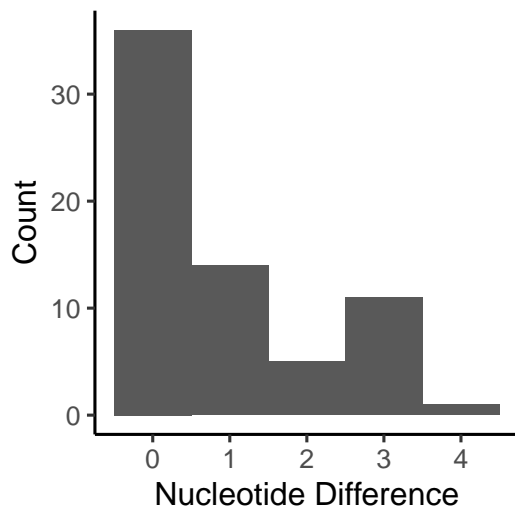
### TRBV11-1\*bp01

80 sequences assigned  
40 (50%) exact matches, in which:  
29 unique CDR3  
9 unique J



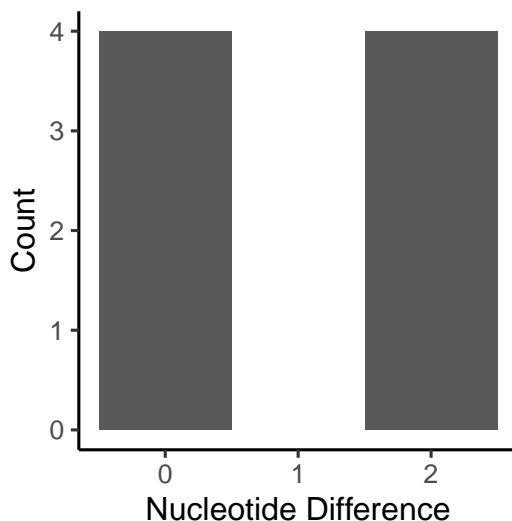
### TRBV11-2\*bp01

67 sequences assigned  
36 (53.7%) exact matches, in which:  
29 unique CDR3  
12 unique J



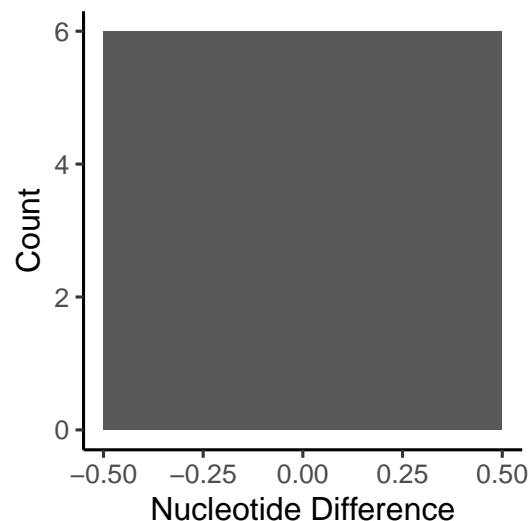
### TRBV12-5\*bp01

8 sequences assigned  
4 (50%) exact matches, in which:  
3 unique CDR3  
2 unique J



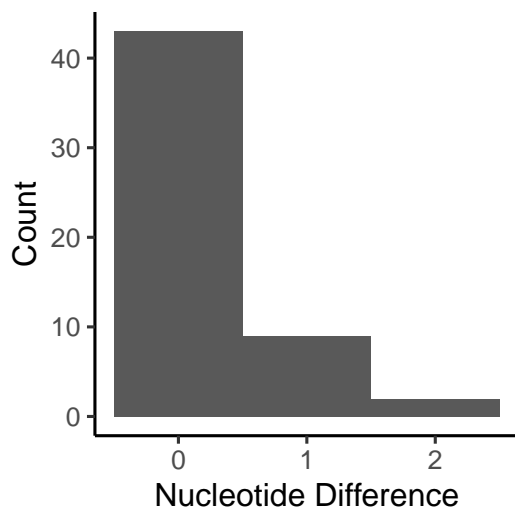
### TRBV23-1\*bp01

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



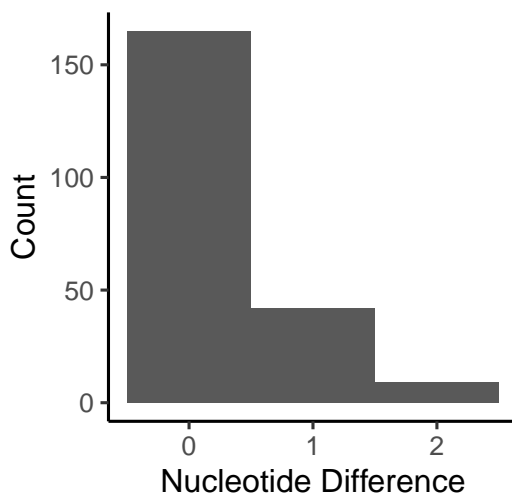
### TRBV11-2\*bp03

54 sequences assigned  
43 (79.6%) exact matches, in which:  
35 unique CDR3  
11 unique J



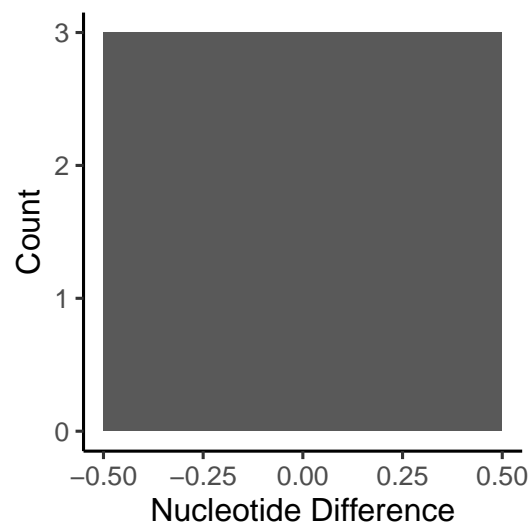
### TRBV12-34\*bp01

216 sequences assigned  
165 (76.4%) exact matches, in which:  
85 unique CDR3  
12 unique J



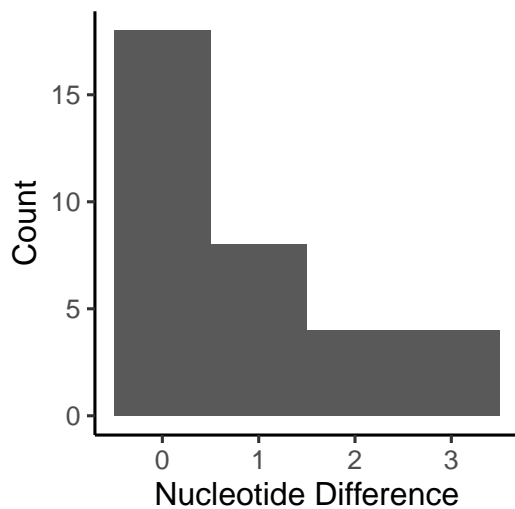
### TRBV3-2\*bp02

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



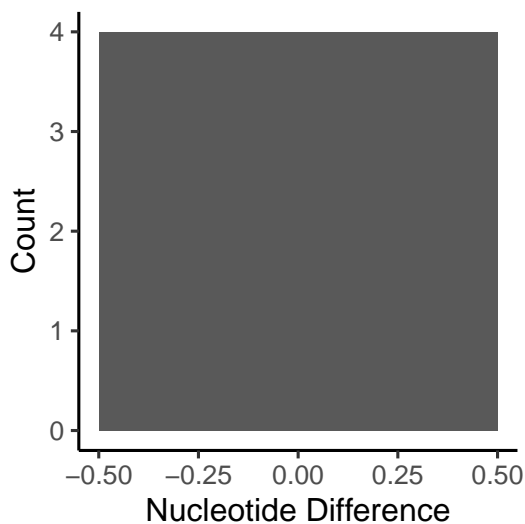
### TRBV11-3\*bp01

34 sequences assigned  
18 (52.9%) exact matches, in which:  
15 unique CDR3  
6 unique J



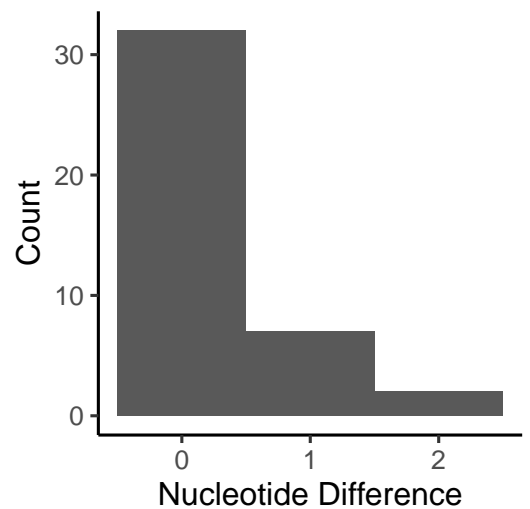
### TRBV3-1\*bp01

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



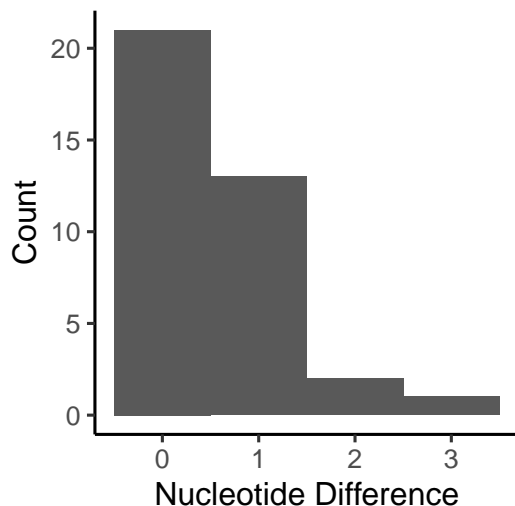
### TRBV4-1\*bp01

41 sequences assigned  
32 (78%) exact matches, in which:  
20 unique CDR3  
9 unique J



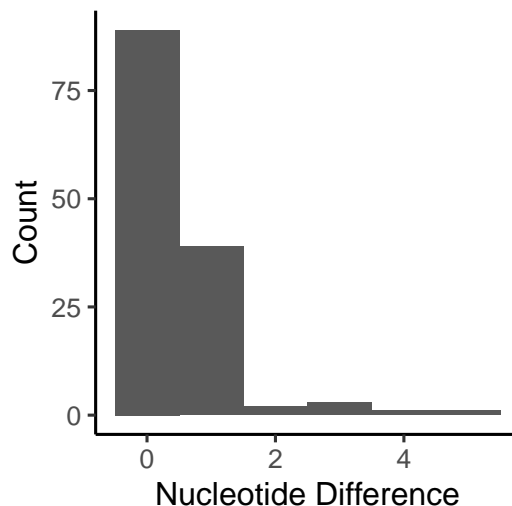
### TRBV24–1\*bp01

37 sequences assigned  
21 (56.8%) exact matches, in which:  
19 unique CDR3  
10 unique J



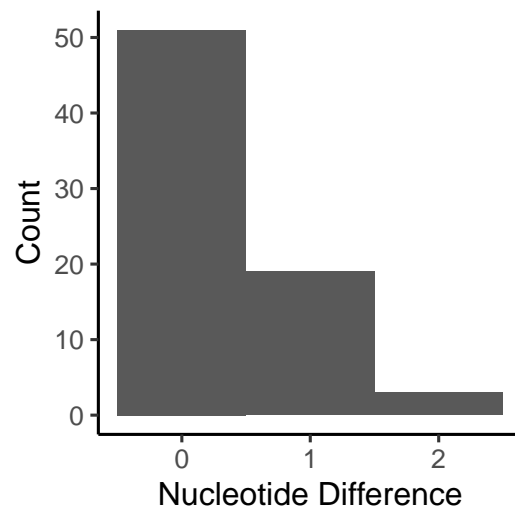
### TRBV5–1\*bp01

135 sequences assigned  
89 (65.9%) exact matches, in which:  
66 unique CDR3  
14 unique J



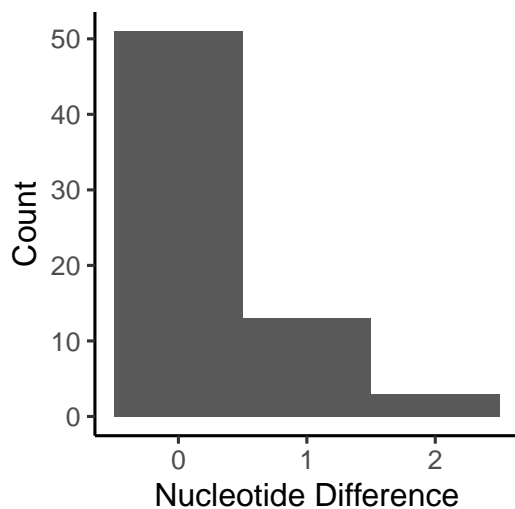
### TRBV5–4\*bp01

73 sequences assigned  
51 (69.9%) exact matches, in which:  
38 unique CDR3  
11 unique J



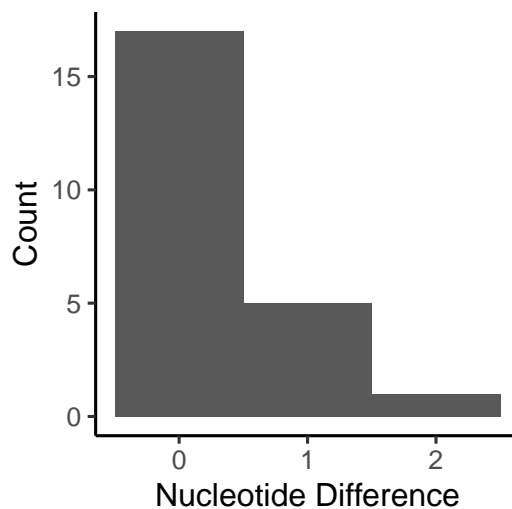
### TRBV4–2\*bp01

67 sequences assigned  
51 (76.1%) exact matches, in which:  
37 unique CDR3  
11 unique J



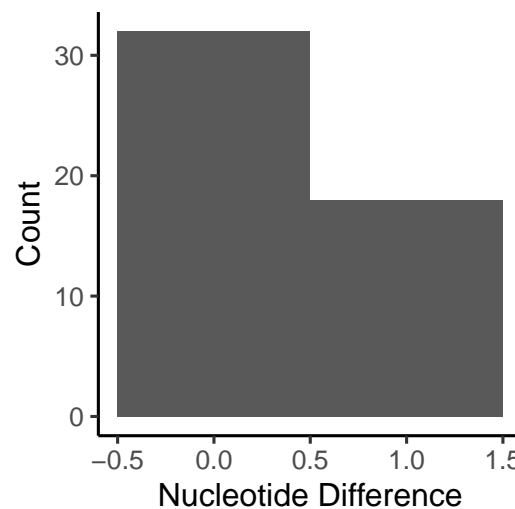
### TRBV25–1\*bp01

23 sequences assigned  
17 (73.9%) exact matches, in which:  
11 unique CDR3  
7 unique J



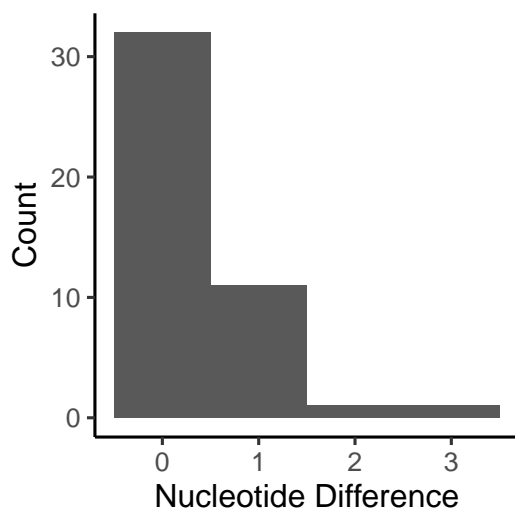
### TRBV5–5\*bp01

50 sequences assigned  
32 (64%) exact matches, in which:  
26 unique CDR3  
10 unique J



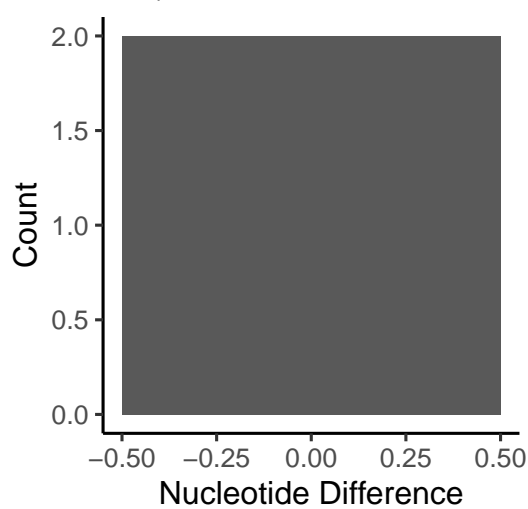
### TRBV4–3\*bp01

45 sequences assigned  
32 (71.1%) exact matches, in which:  
25 unique CDR3  
8 unique J



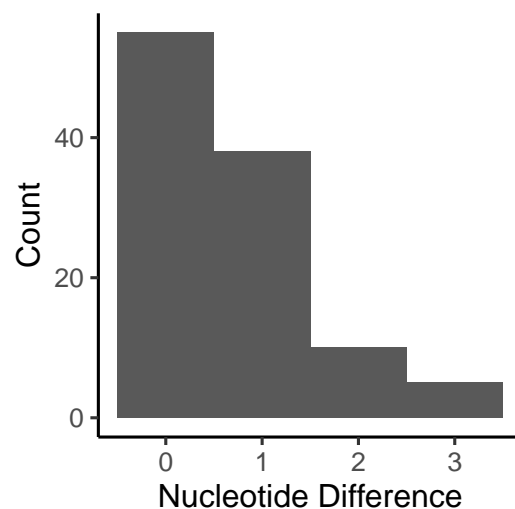
### TRBV5–3\*bp01

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



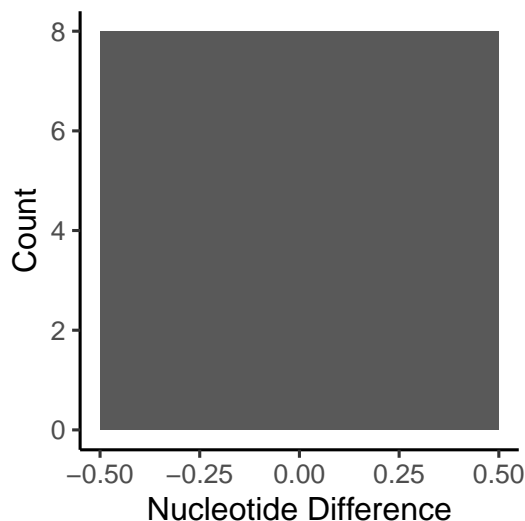
### TRBV5–6\*bp01

108 sequences assigned  
55 (50.9%) exact matches, in which:  
41 unique CDR3  
12 unique J



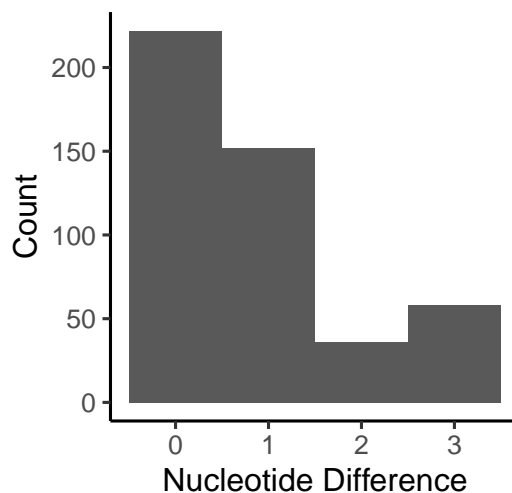
### TRBV5–8\*bp01

8 sequences assigned  
8 (100%) exact matches, in which:  
6 unique CDR3  
3 unique J



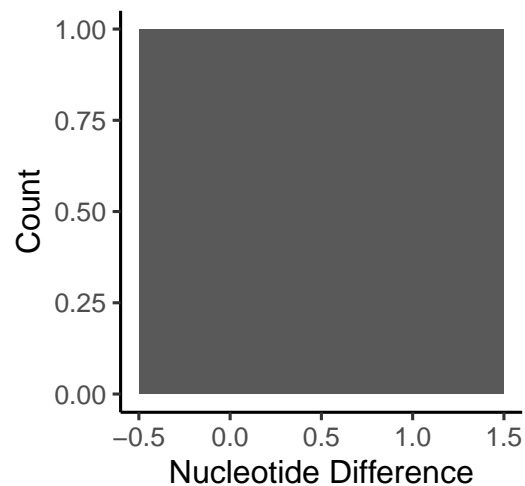
### TRBV6–5\*bp01

469 sequences assigned  
222 (47.3%) exact matches, in which:  
154 unique CDR3  
13 unique J



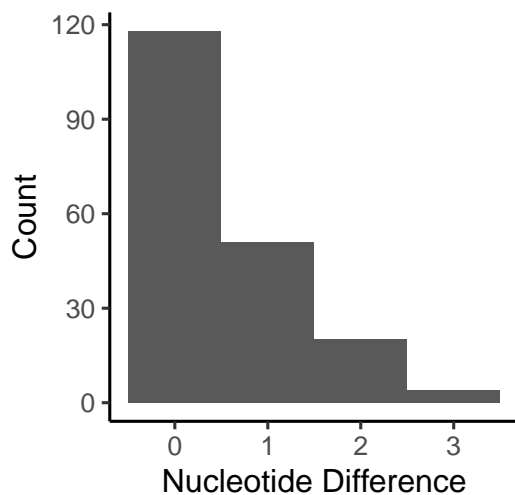
### TRBV6–7\*bp01

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



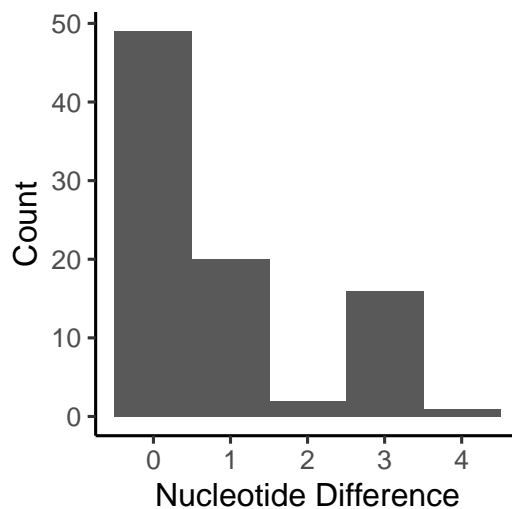
### TRBV6–1\*bp01

193 sequences assigned  
118 (61.1%) exact matches, in which:  
98 unique CDR3  
13 unique J



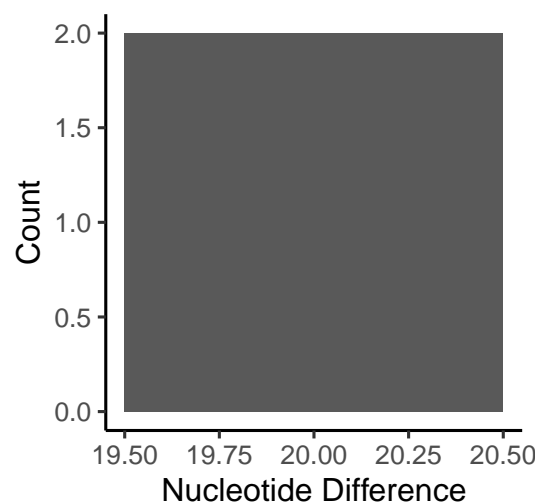
### TRBV6–6\*bp01

88 sequences assigned  
49 (55.7%) exact matches, in which:  
39 unique CDR3  
14 unique J



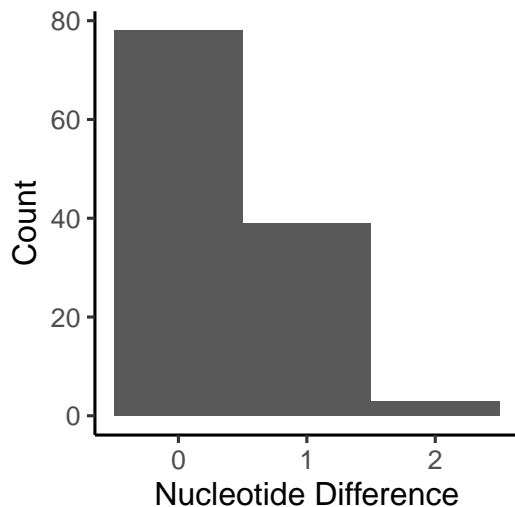
### TRBV6–8\*bp01

2 sequences assigned  
No exact matches.



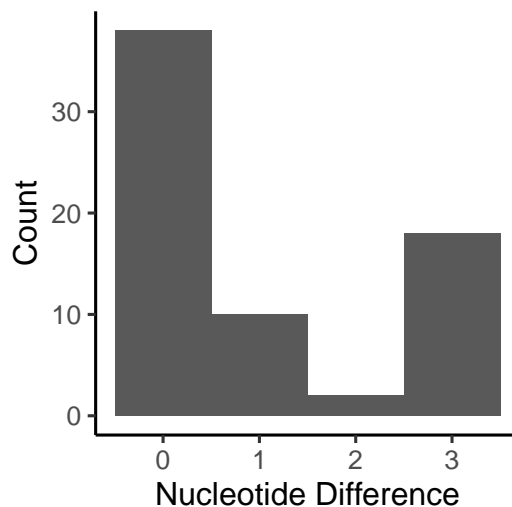
### TRBV6–4\*bp01

120 sequences assigned  
78 (65%) exact matches, in which:  
59 unique CDR3  
12 unique J



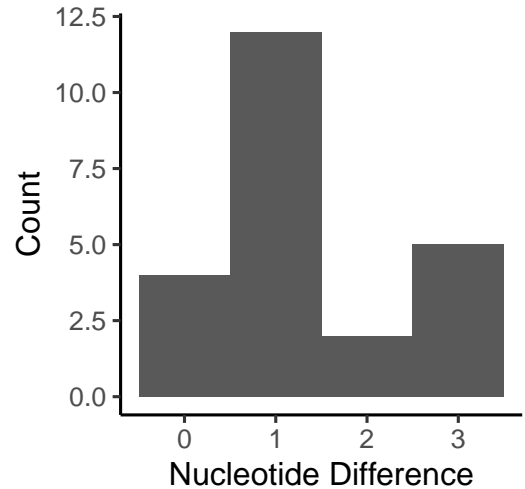
### TRBV6–6\*bp02

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



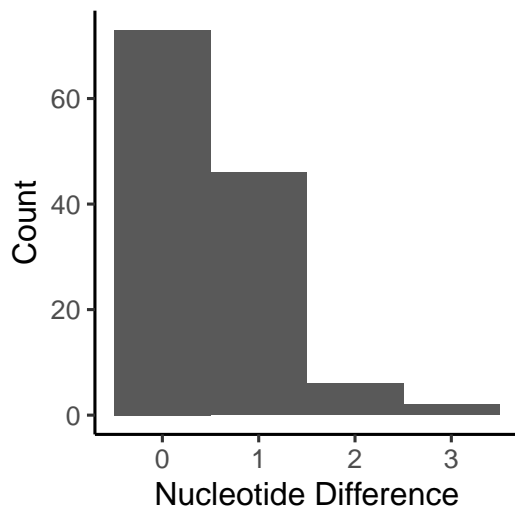
### TRBV6–9\*bp01

24 sequences assigned  
4 (16.7%) exact matches, in which:  
3 unique CDR3  
2 unique J



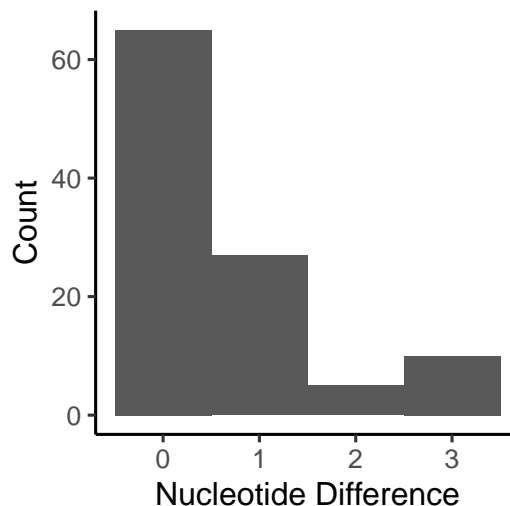
### TRBV6–23\*bp01

128 sequences assigned  
73 (57%) exact matches, in which:  
60 unique CDR3  
12 unique J



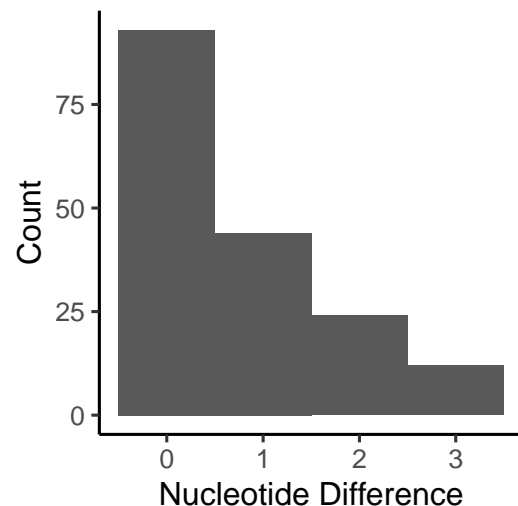
### TRBV7–3\*bp01

107 sequences assigned  
65 (60.7%) exact matches, in which:  
49 unique CDR3  
12 unique J



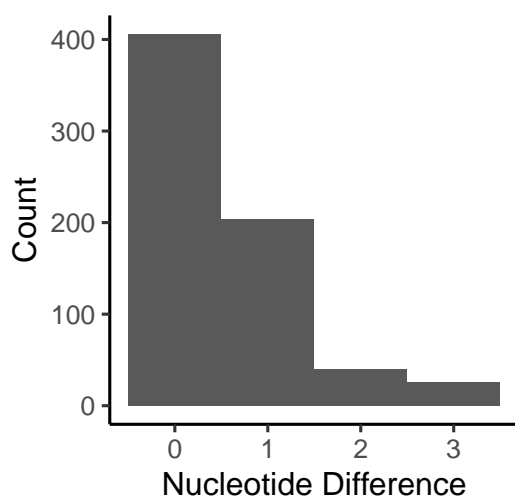
### TRBV7–6\*bp01

173 sequences assigned  
93 (53.8%) exact matches, in which:  
45 unique CDR3  
13 unique J



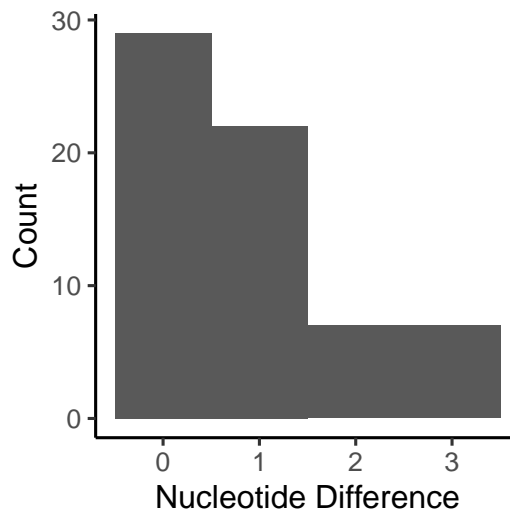
### TRBV7–2\*bp01

676 sequences assigned  
406 (60.1%) exact matches, in which:  
179 unique CDR3  
14 unique J



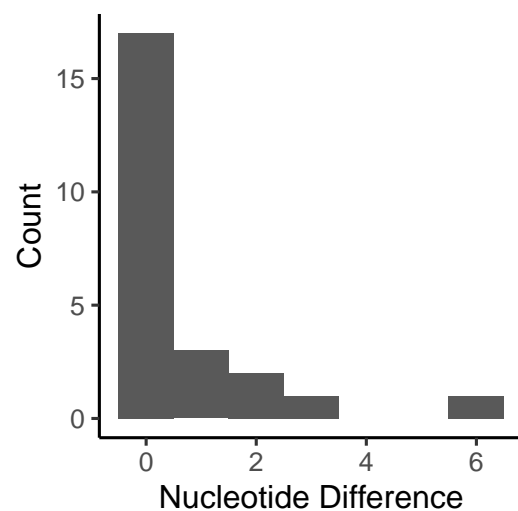
### TRBV7–3\*bp03

65 sequences assigned  
29 (44.6%) exact matches, in which:  
19 unique CDR3  
8 unique J



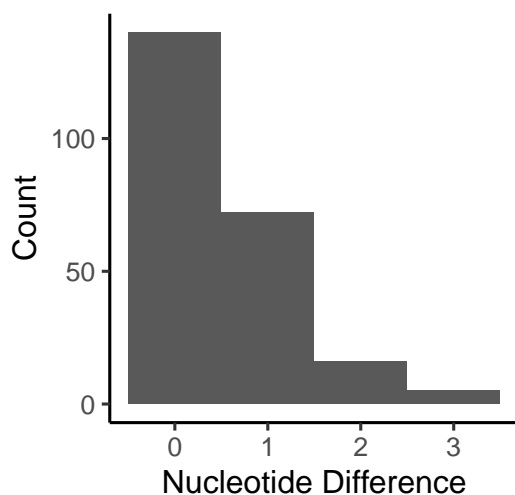
### TRBV7–7\*bp01

24 sequences assigned  
17 (70.8%) exact matches, in which:  
5 unique CDR3  
2 unique J



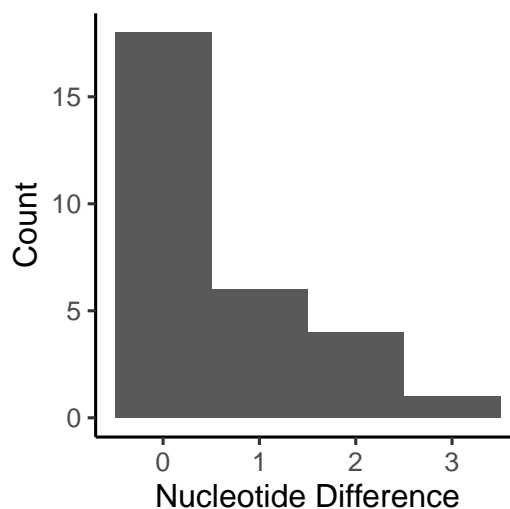
### TRBV7–2\*bp02

233 sequences assigned  
140 (60.1%) exact matches, in which:  
75 unique CDR3  
14 unique J



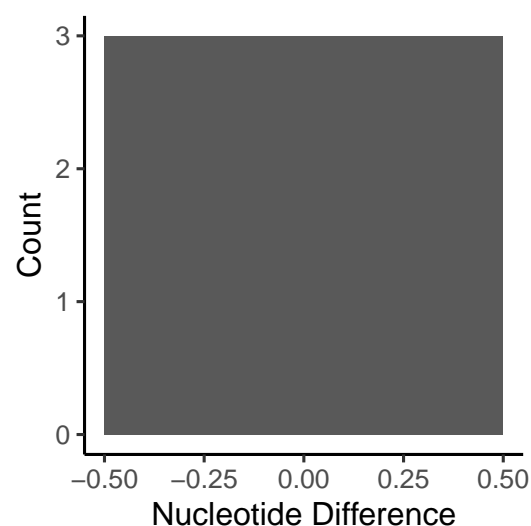
### TRBV7–4\*bp01

29 sequences assigned  
18 (62.1%) exact matches, in which:  
14 unique CDR3  
7 unique J



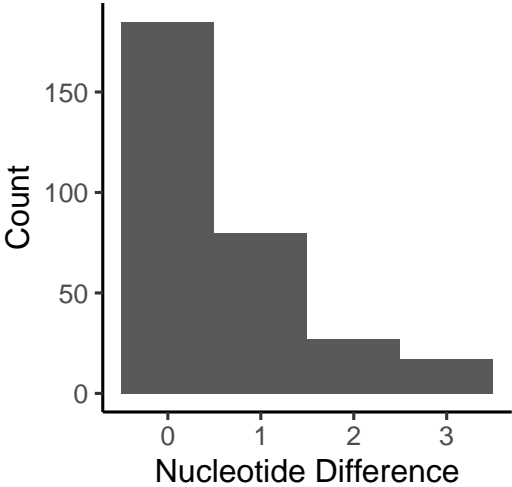
### TRBV7–8\*bp02

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



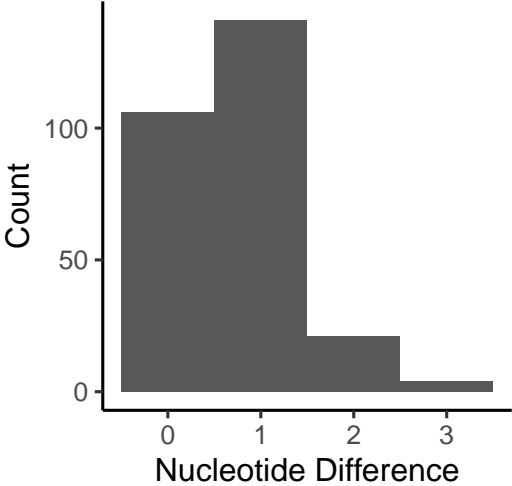
TRBV7–9\*bp01

309 sequences assigned  
185 (59.9%) exact matches, in which:  
107 unique CDR3  
14 unique J



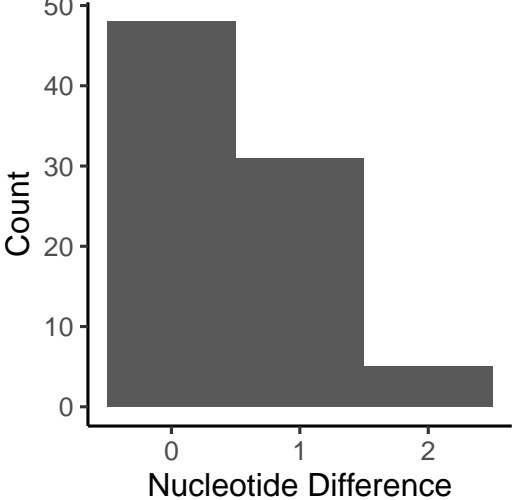
TRBV29–1\*bp01

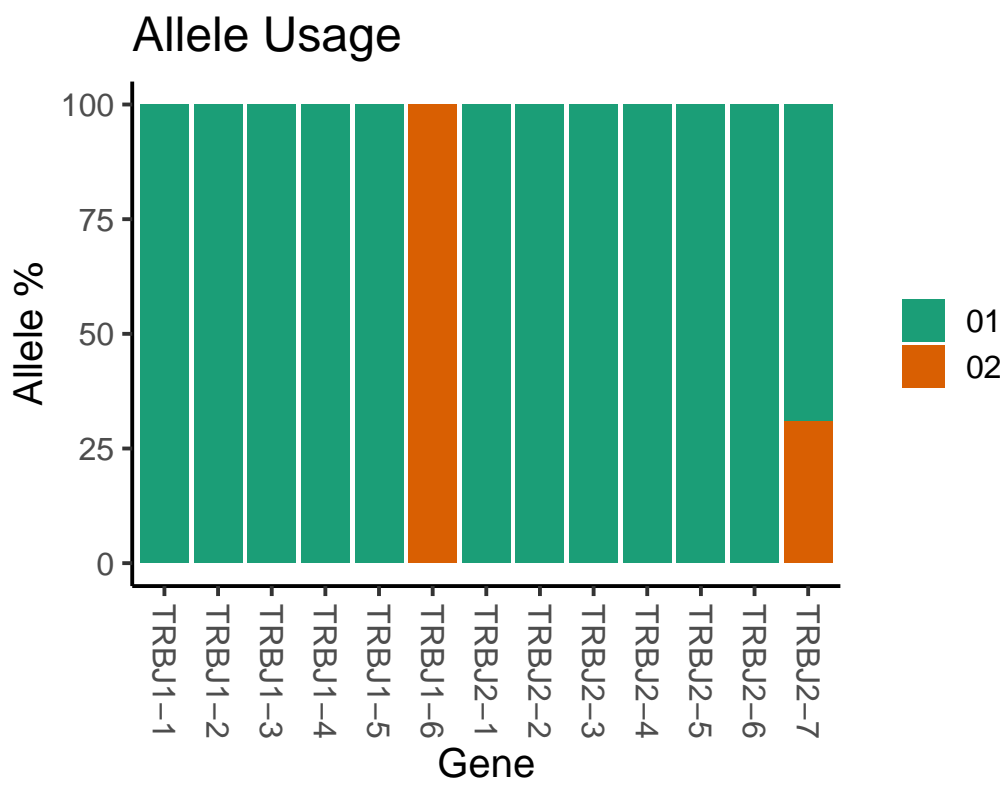
272 sequences assigned  
106 (39%) exact matches, in which:  
72 unique CDR3  
13 unique J



TRBV29–1\*bp03

84 sequences assigned  
48 (57.1%) exact matches, in which:  
27 unique CDR3  
8 unique J







## Sequence Count by TRBJ2-7 allele usage



## Allele

01

02

[illegible]