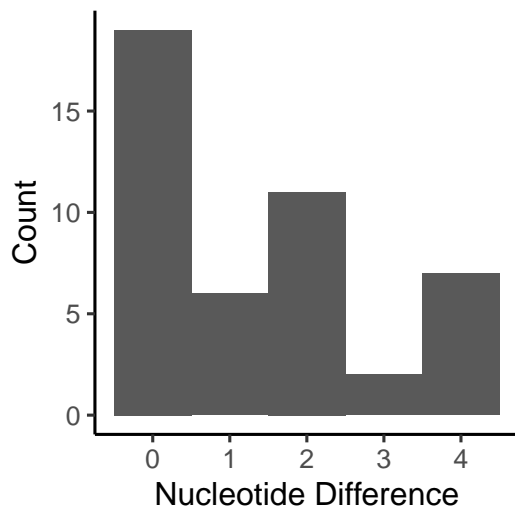


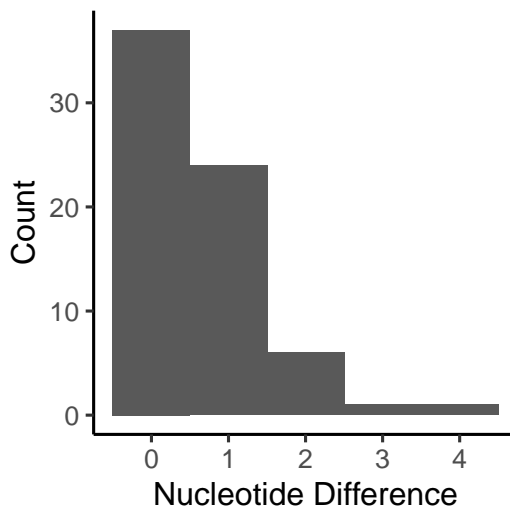
### TRBV10-1\*bp01

45 sequences assigned  
19 (42.2%) exact matches, in which:  
17 unique CDR3  
7 unique J



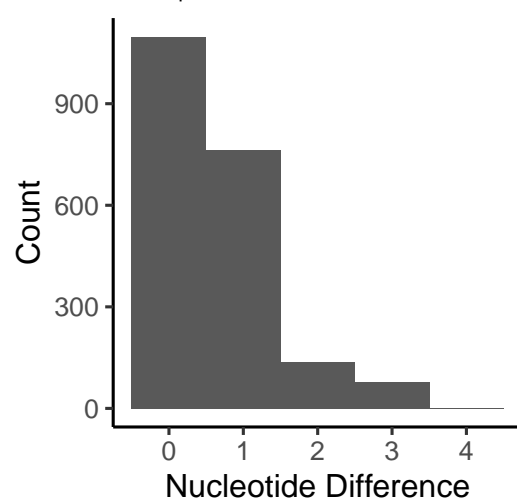
### TRBV10-2\*bp01

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



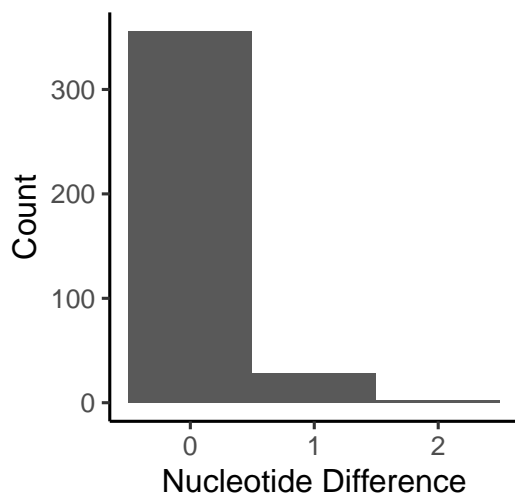
### TRBV13\*bp01

2078 sequences assigned  
1098 (52.8%) exact matches, in which:  
762 unique CDR3  
13 unique J



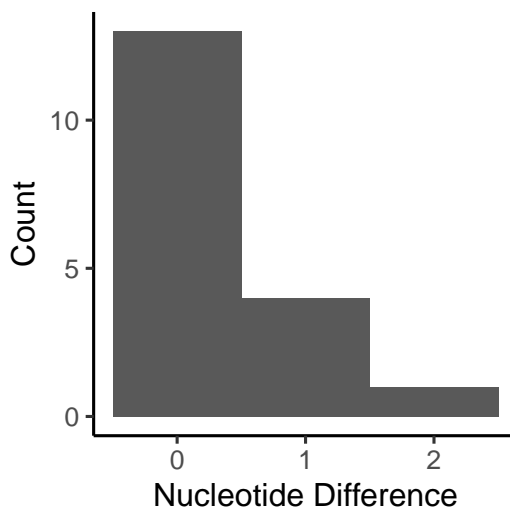
### TRBV20-1\*bp01

386 sequences assigned  
356 (92.2%) exact matches, in which:  
300 unique CDR3  
13 unique J



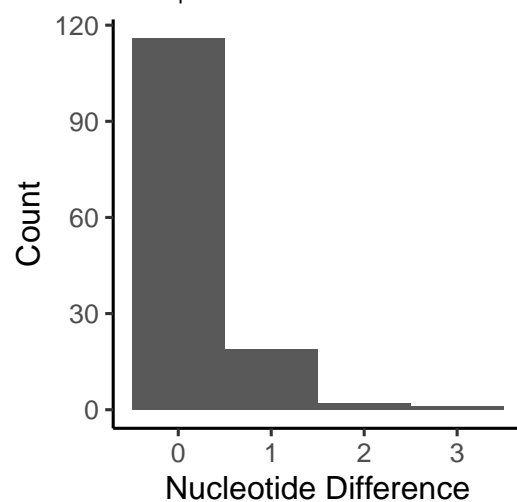
### TRBV10-2\*bp02

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



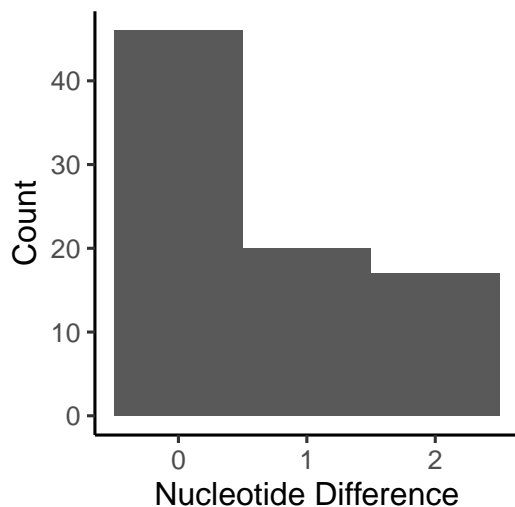
### TRBV14\*bp01

138 sequences assigned  
116 (84.1%) exact matches, in which:  
97 unique CDR3  
13 unique J



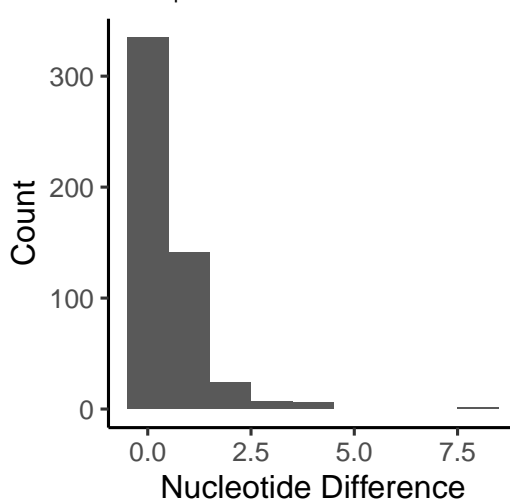
### TRBV10-1\*bp02

83 sequences assigned  
46 (55.4%) exact matches, in which:  
37 unique CDR3  
9 unique J



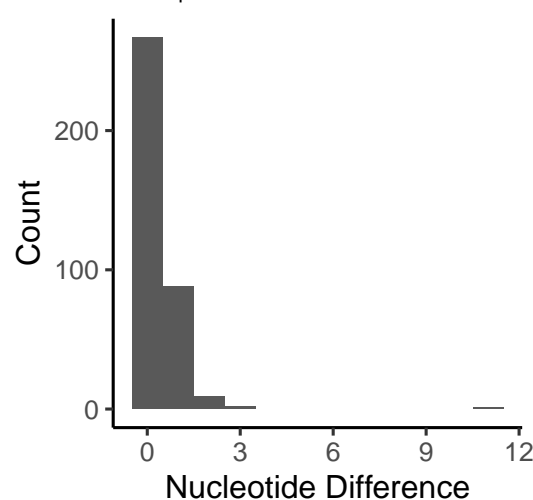
### TRBV10-3\*bp01

514 sequences assigned  
335 (65.2%) exact matches, in which:  
242 unique CDR3  
13 unique J



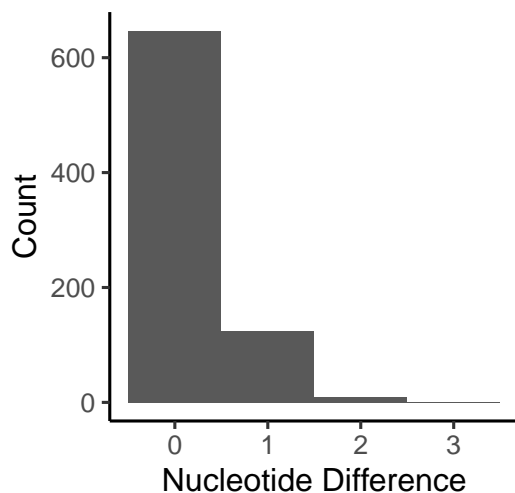
### TRBV15\*bp02

367 sequences assigned  
267 (72.8%) exact matches, in which:  
161 unique CDR3  
13 unique J



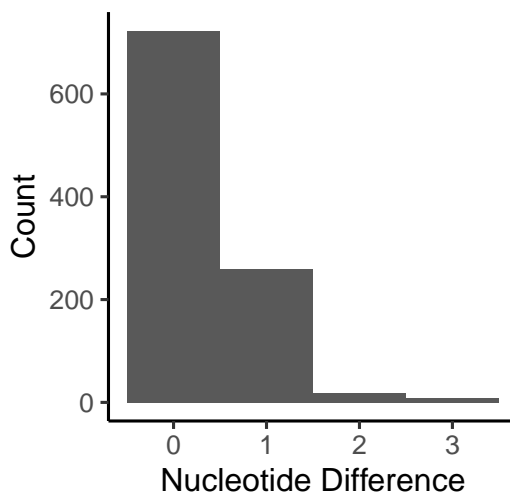
### TRBV18\*bp01

781 sequences assigned  
647 (82.8%) exact matches, in which:  
361 unique CDR3  
13 unique J



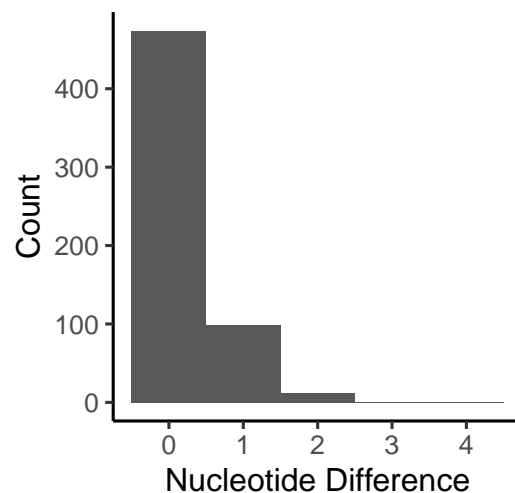
### TRBV27\*bp01

1009 sequences assigned  
723 (71.7%) exact matches, in which:  
543 unique CDR3  
13 unique J



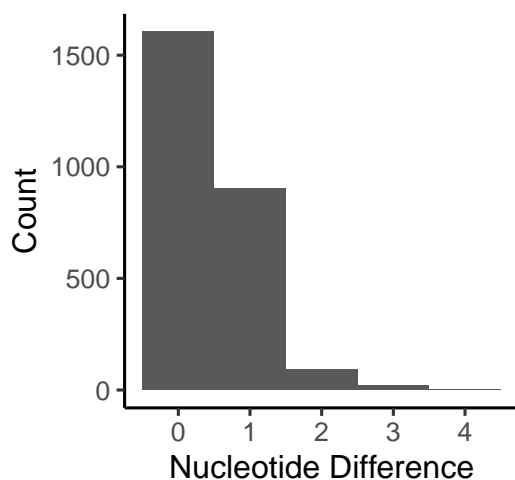
### TRBV30\*bp02

587 sequences assigned  
474 (80.7%) exact matches, in which:  
242 unique CDR3  
13 unique J



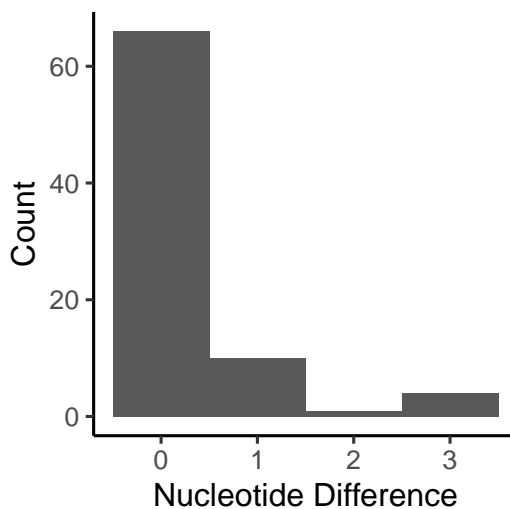
### TRBV19\*bp01

2626 sequences assigned  
1605 (61.1%) exact matches, in which:  
960 unique CDR3  
13 unique J



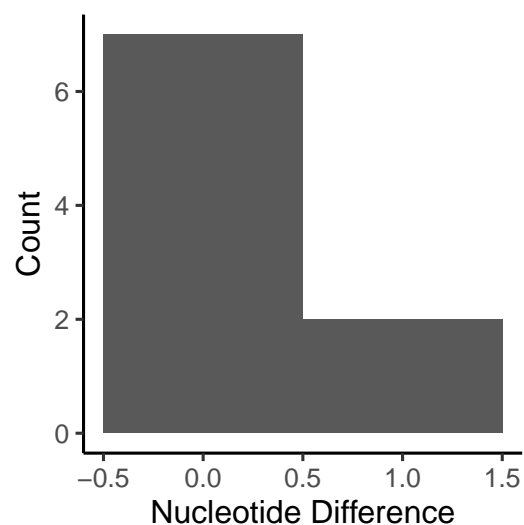
### TRBV28\*bp01

81 sequences assigned  
66 (81.5%) exact matches, in which:  
62 unique CDR3  
13 unique J



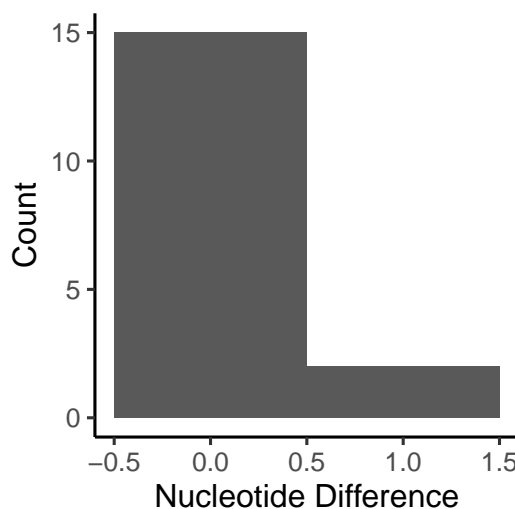
### TRBV9\*bp01

9 sequences assigned  
7 (77.8%) exact matches, in which:  
6 unique CDR3  
3 unique J



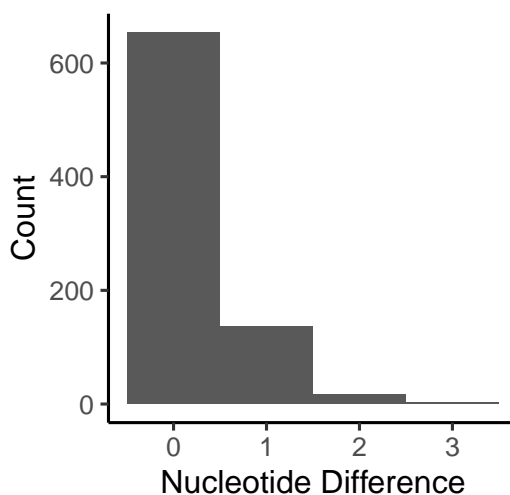
### TRBV2\*bp01

17 sequences assigned  
15 (88.2%) exact matches, in which:  
14 unique CDR3  
8 unique J



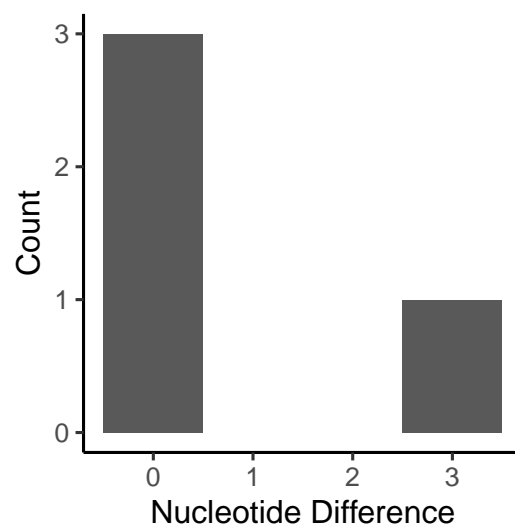
### TRBV30\*bp01

810 sequences assigned  
654 (80.7%) exact matches, in which:  
344 unique CDR3  
13 unique J



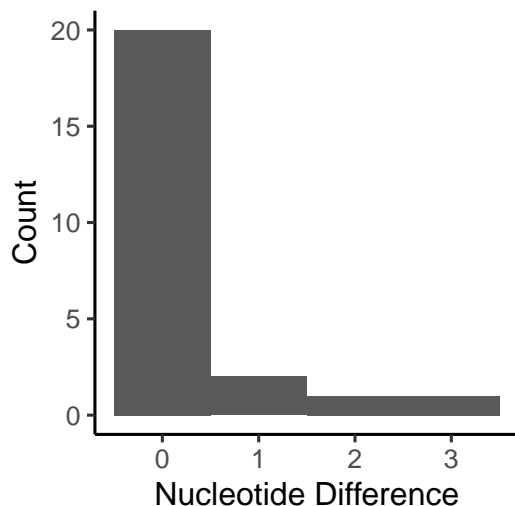
### TRBV9\*bp02

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



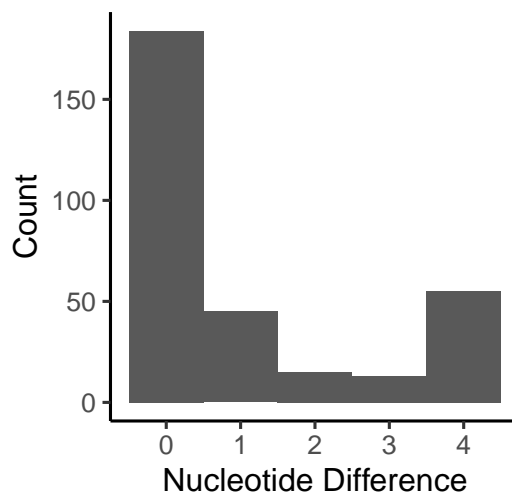
### TRBV21–1\*bp01

24 sequences assigned  
20 (83.3%) exact matches, in which:  
18 unique CDR3  
8 unique J



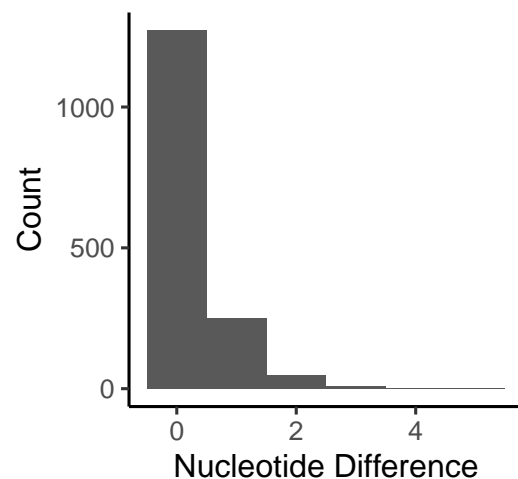
### TRBV11–2\*bp03

312 sequences assigned  
184 (59%) exact matches, in which:  
159 unique CDR3  
12 unique J



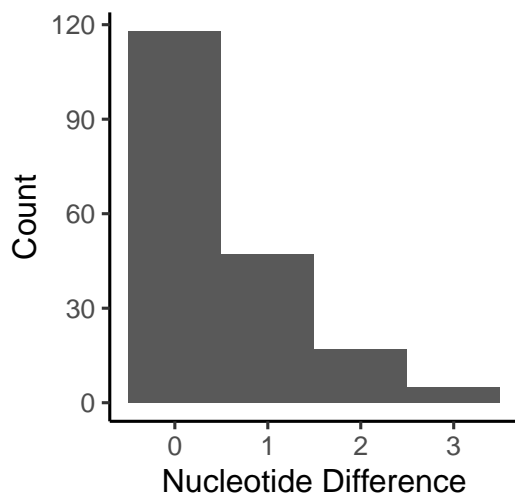
### TRBV12–34\*bp01

1582 sequences assigned  
1272 (80.4%) exact matches, in which:  
749 unique CDR3  
13 unique J



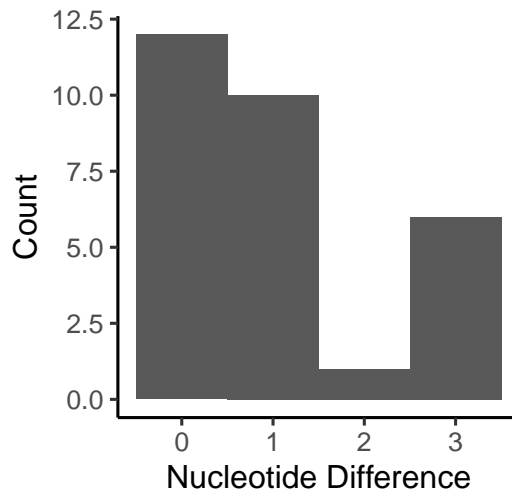
### TRBV11–1\*bp01

187 sequences assigned  
118 (63.1%) exact matches, in which:  
72 unique CDR3  
10 unique J



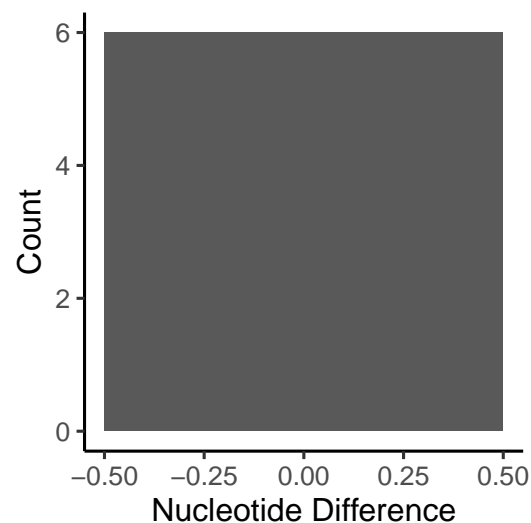
### TRBV11–3\*bp01

29 sequences assigned  
12 (41.4%) exact matches, in which:  
12 unique CDR3  
6 unique J



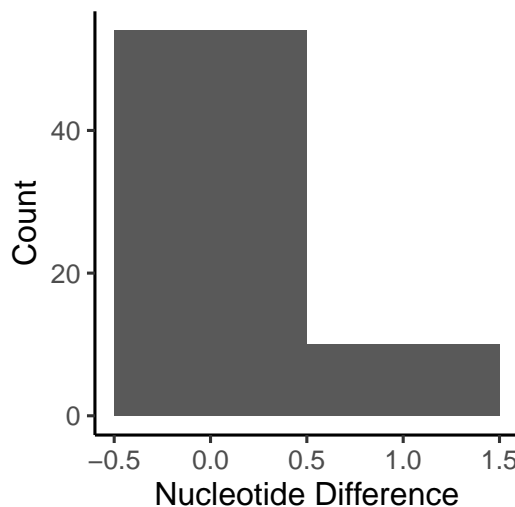
### TRBV23–1\*bp01

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



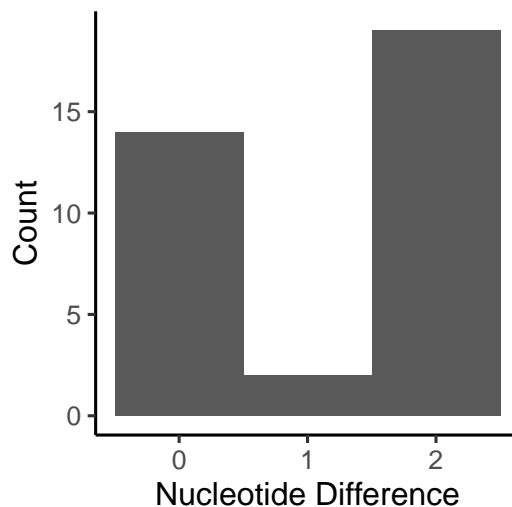
### TRBV21–1\*bp02

64 sequences assigned  
54 (84.4%) exact matches, in which:  
49 unique CDR3  
12 unique J



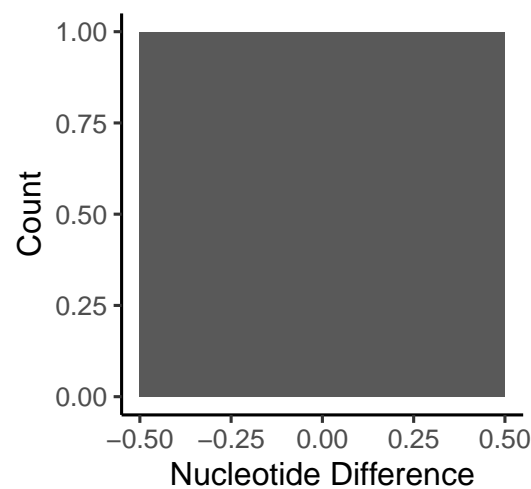
### TRBV12–5\*bp01

35 sequences assigned  
14 (40%) exact matches, in which:  
13 unique CDR3  
7 unique J



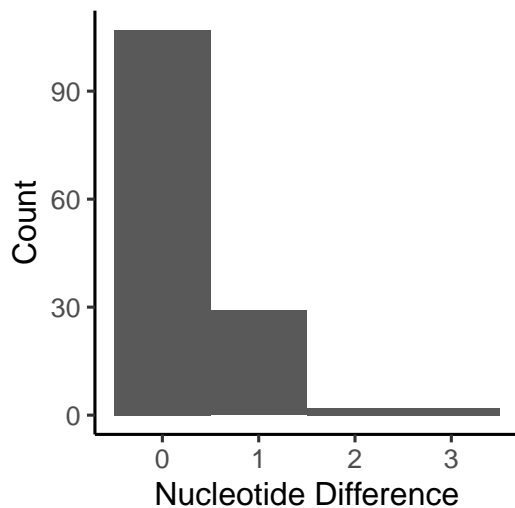
### TRBV3–2\*bp02

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



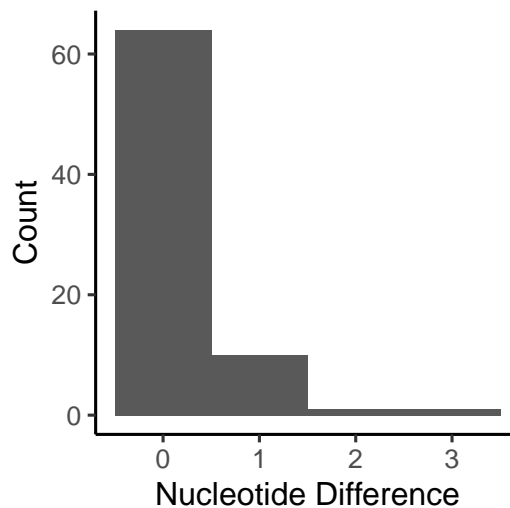
### TRBV24–1\*bp01

140 sequences assigned  
107 (76.4%) exact matches, in which:  
87 unique CDR3  
13 unique J



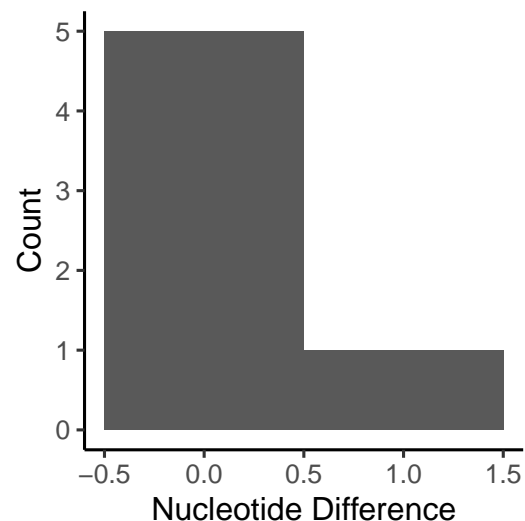
### TRBV4–2\*bp01

76 sequences assigned  
64 (84.2%) exact matches, in which:  
60 unique CDR3  
10 unique J



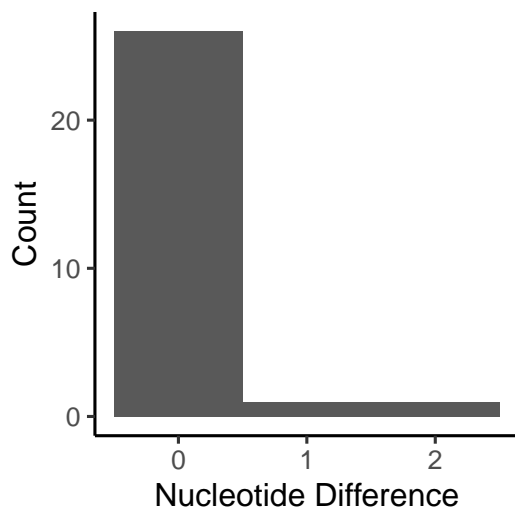
### TRBV25–1\*bp01

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



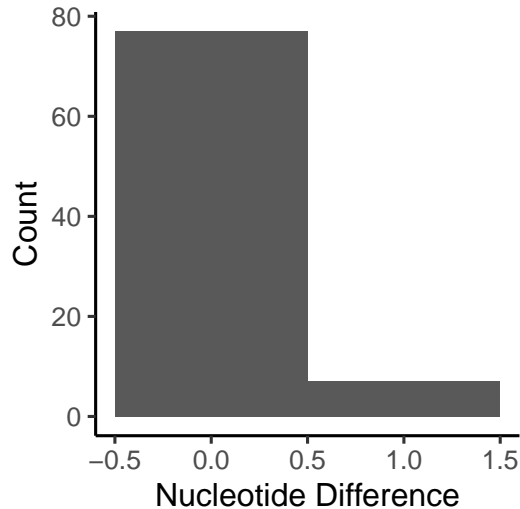
### TRBV4–1\*bp01

28 sequences assigned  
26 (92.9%) exact matches, in which:  
25 unique CDR3  
12 unique J



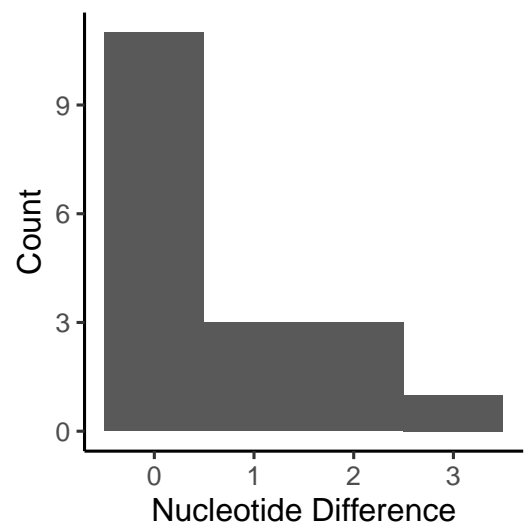
### TRBV4–3\*bp01

84 sequences assigned  
77 (91.7%) exact matches, in which:  
74 unique CDR3  
12 unique J



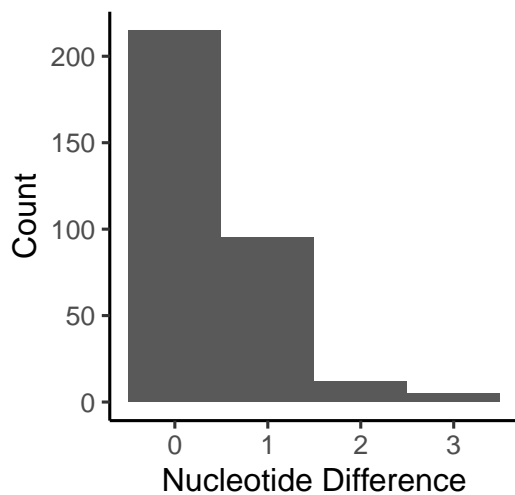
### TRBV5–3\*bp01

18 sequences assigned  
11 (61.1%) exact matches, in which:  
10 unique CDR3  
7 unique J



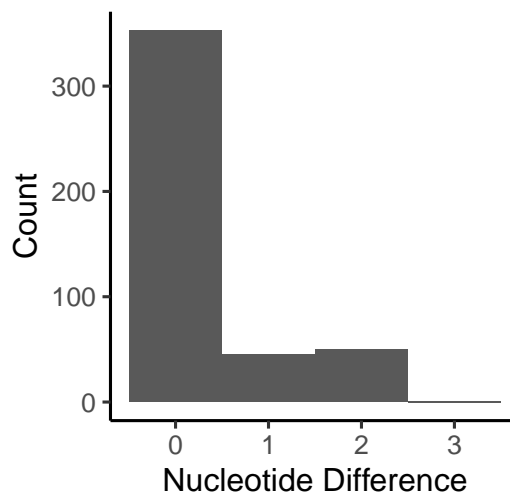
### TRBV24–1\*bp02

327 sequences assigned  
215 (65.7%) exact matches, in which:  
170 unique CDR3  
13 unique J



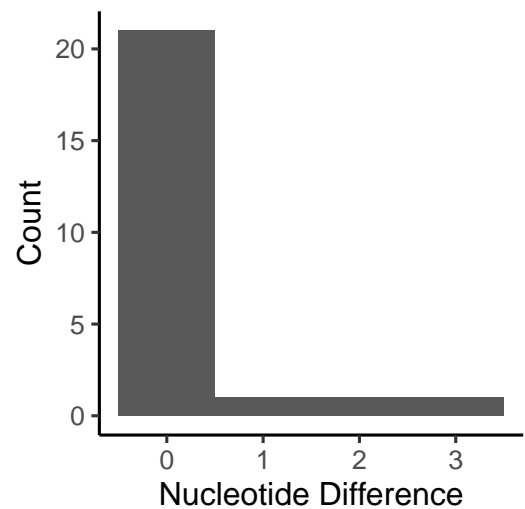
### TRBV5–1\*bp01

449 sequences assigned  
353 (78.6%) exact matches, in which:  
265 unique CDR3  
13 unique J



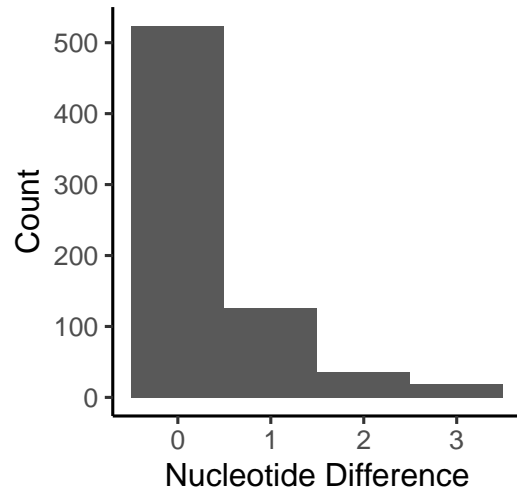
### TRBV5–3\*bp02

24 sequences assigned  
21 (87.5%) exact matches, in which:  
14 unique CDR3  
7 unique J



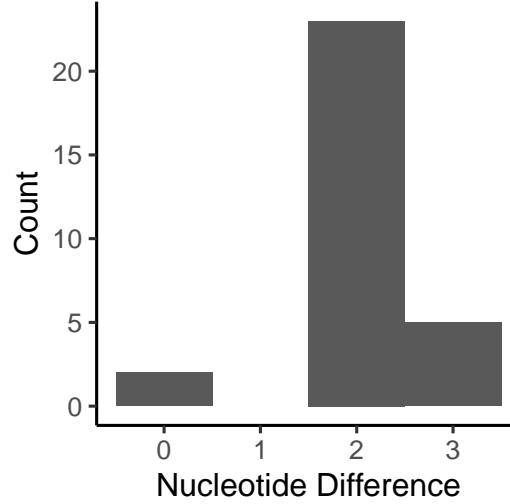
### TRBV5-4\*bp01

705 sequences assigned  
524 (74.3%) exact matches, in which:  
353 unique CDR3  
13 unique J



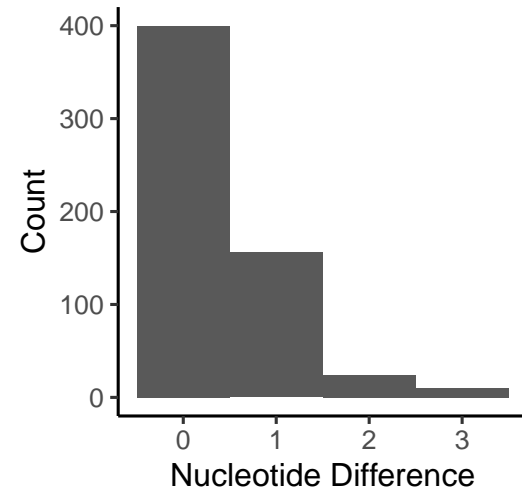
### TRBV5-7\*bp01

30 sequences assigned  
2 (6.7%) exact matches, in which:  
2 unique CDR3  
1 unique J



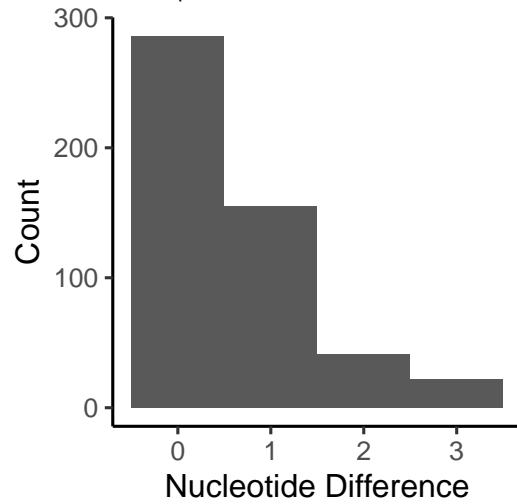
### TRBV6-4\*bp01

590 sequences assigned  
400 (67.8%) exact matches, in which:  
279 unique CDR3  
13 unique J



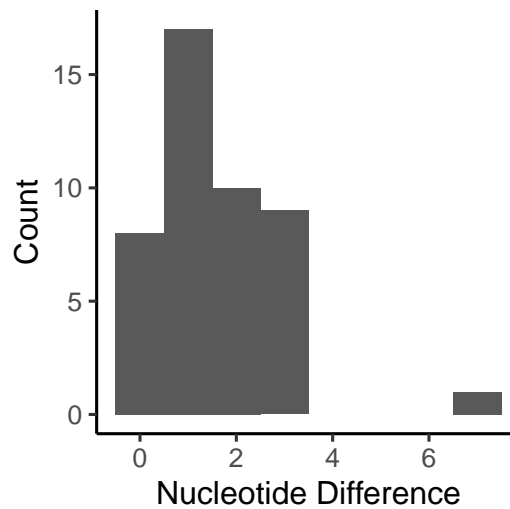
### TRBV5-5\*bp01

504 sequences assigned  
286 (56.7%) exact matches, in which:  
177 unique CDR3  
13 unique J



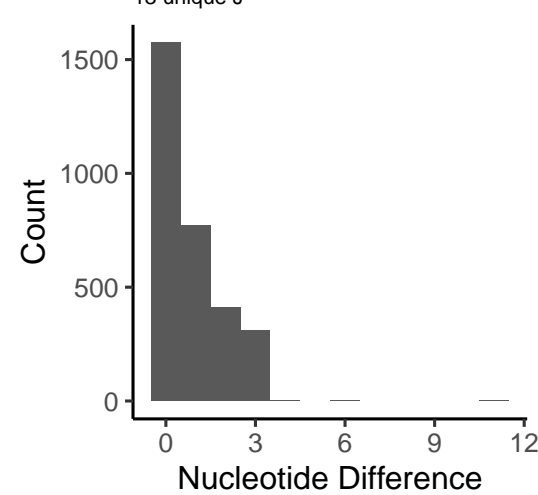
### TRBV5-8\*bp01

45 sequences assigned  
8 (17.8%) exact matches, in which:  
8 unique CDR3  
7 unique J



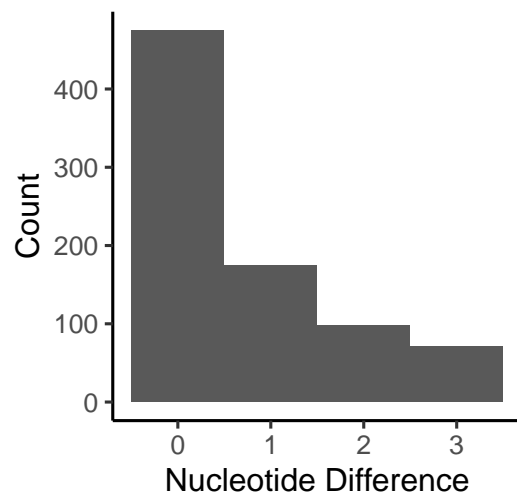
### TRBV6-5\*bp01

3072 sequences assigned  
1574 (51.2%) exact matches, in which:  
1242 unique CDR3  
13 unique J



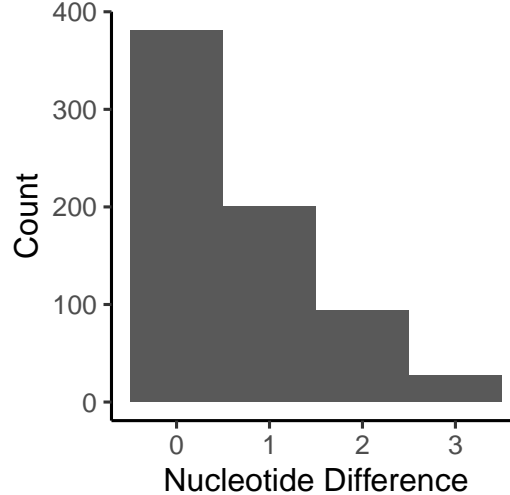
### TRBV5-6\*bp01

818 sequences assigned  
475 (58.1%) exact matches, in which:  
331 unique CDR3  
13 unique J



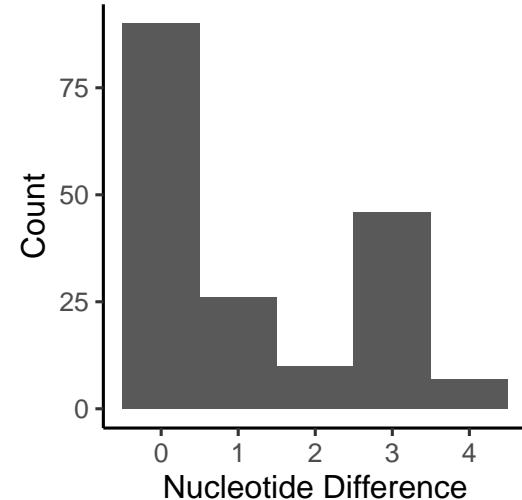
### TRBV6-1\*bp01

702 sequences assigned  
381 (54.3%) exact matches, in which:  
310 unique CDR3  
13 unique J



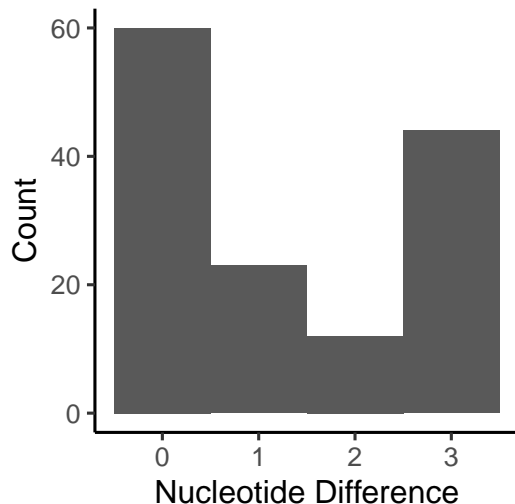
### TRBV6-6\*bp01

179 sequences assigned  
90 (50.3%) exact matches, in which:  
79 unique CDR3  
11 unique J



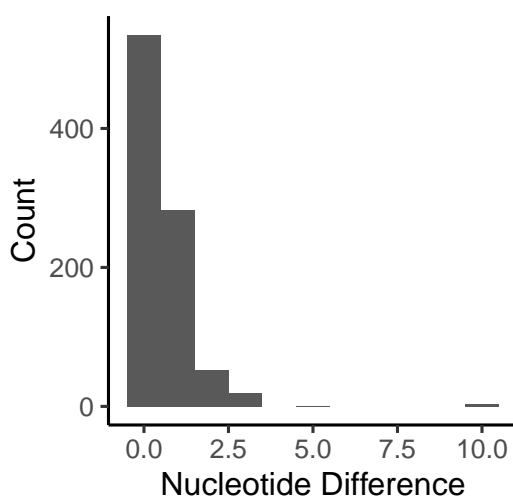
### TRBV6-6\*bp02

139 sequences assigned  
60 (43.2%) exact matches, in which:  
48 unique CDR3  
12 unique J



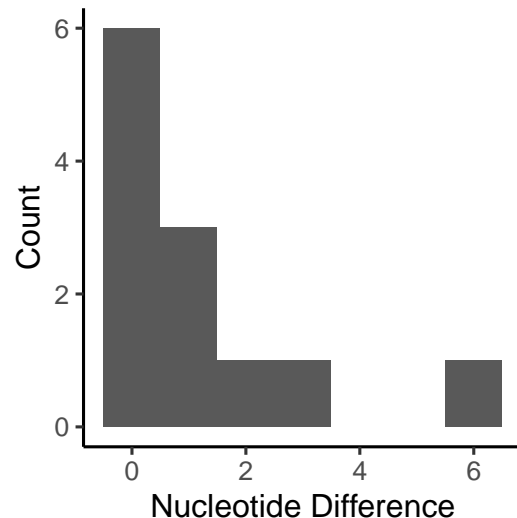
### TRBV6-23\*bp01

893 sequences assigned  
535 (59.9%) exact matches, in which:  
419 unique CDR3  
13 unique J



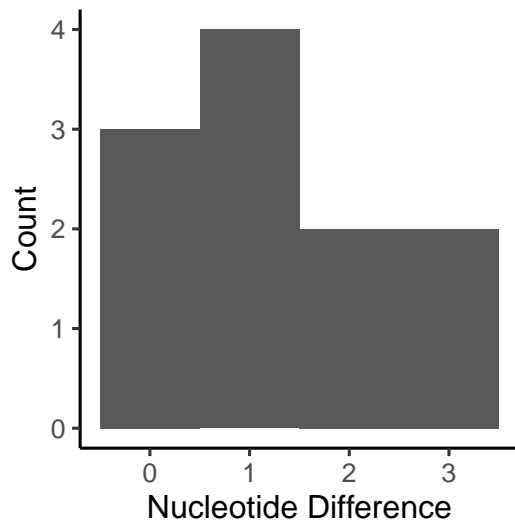
### TRBV7-3\*bp01

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



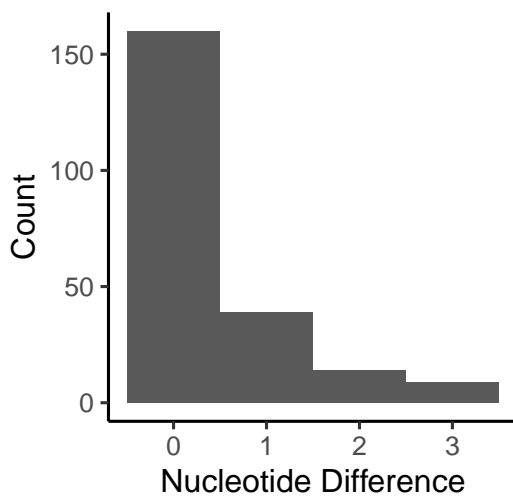
### TRBV6-8\*bp01

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



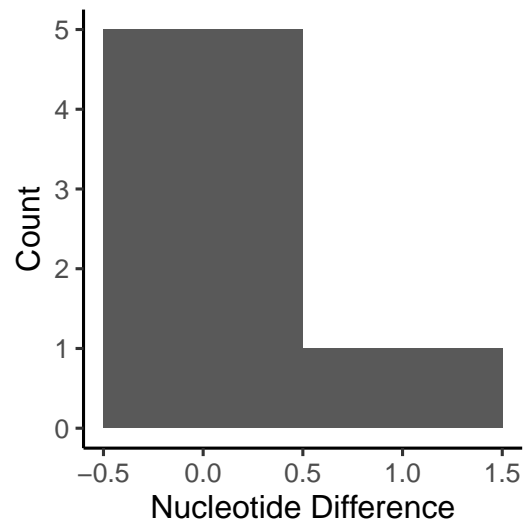
### TRBV7-2\*bp01

222 sequences assigned  
160 (72.1%) exact matches, in which:  
136 unique CDR3  
12 unique J



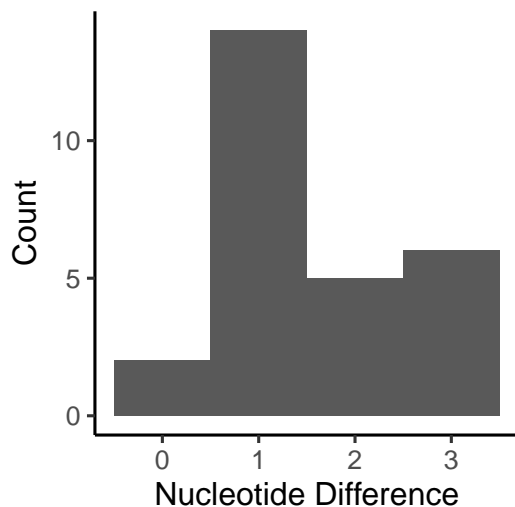
### TRBV7-3\*bp03

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



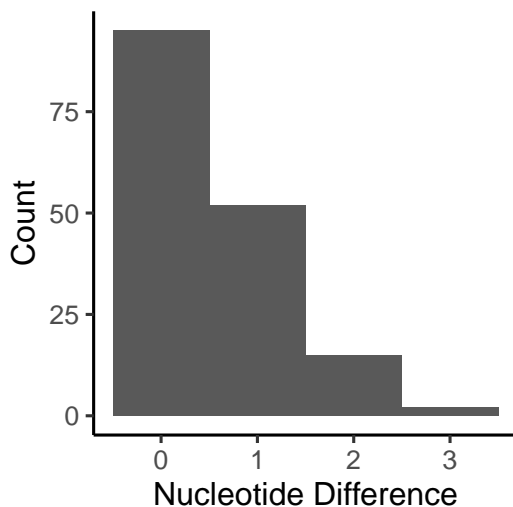
### TRBV6-9\*bp01

27 sequences assigned  
2 (7.4%) exact matches, in which:  
2 unique CDR3  
2 unique J



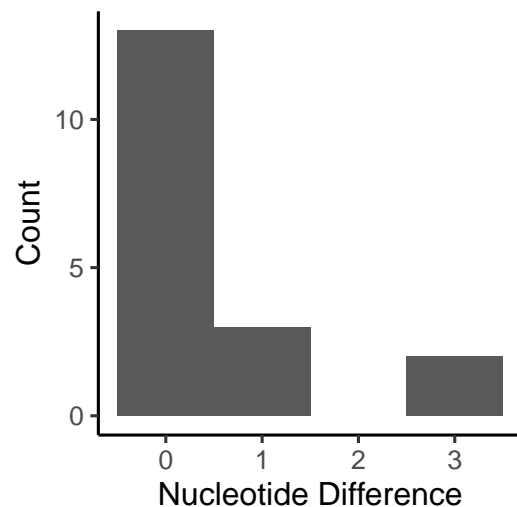
### TRBV7-2\*bp02

164 sequences assigned  
95 (57.9%) exact matches, in which:  
69 unique CDR3  
11 unique J



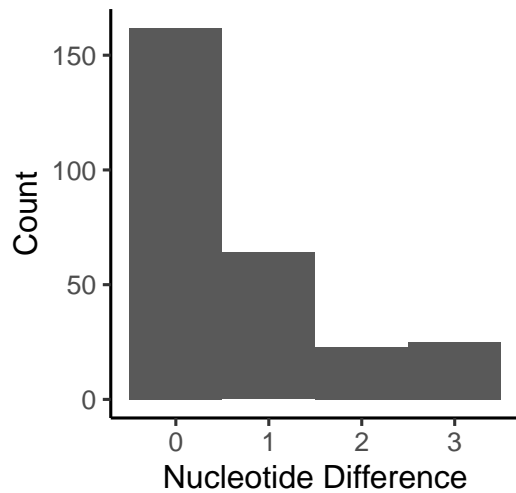
### TRBV7-4\*bp01

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



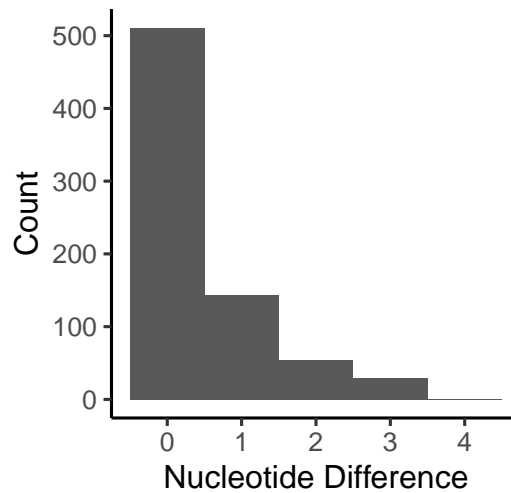
### TRBV7-6\*bp01

274 sequences assigned  
162 (59.1%) exact matches, in which:  
110 unique CDR3  
12 unique J



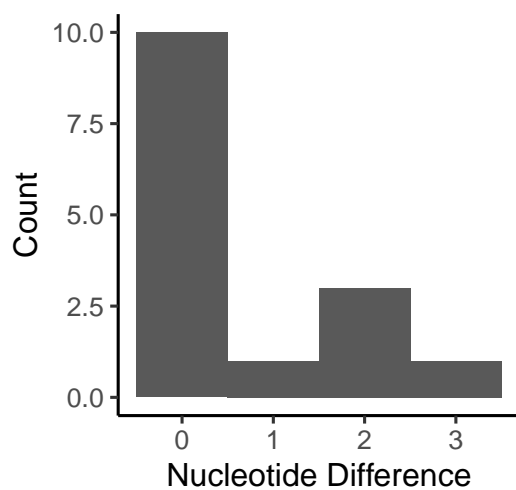
### TRBV7-9\*bp01

739 sequences assigned  
511 (69.1%) exact matches, in which:  
389 unique CDR3  
13 unique J



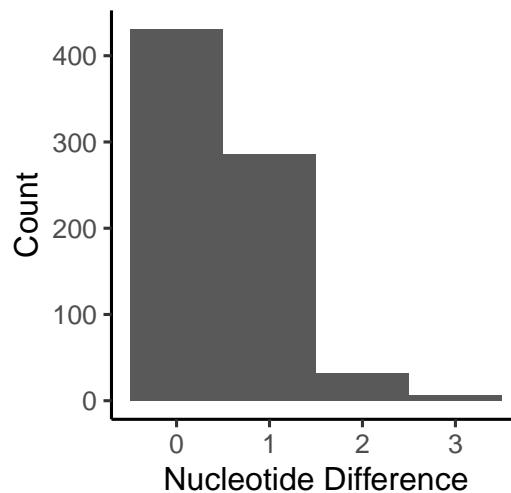
### TRBV7-7\*bp01

15 sequences assigned  
10 (66.7%) exact matches, in which:  
5 unique CDR3  
3 unique J



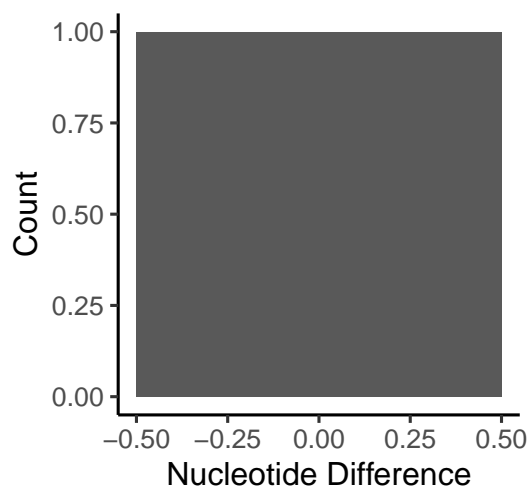
### TRBV29-1\*bp01

755 sequences assigned  
431 (57.1%) exact matches, in which:  
290 unique CDR3  
13 unique J



### TRBV7-8\*bp01

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



### TRBV29-1\*bp03

194 sequences assigned  
125 (64.4%) exact matches, in which:  
80 unique CDR3  
12 unique J

