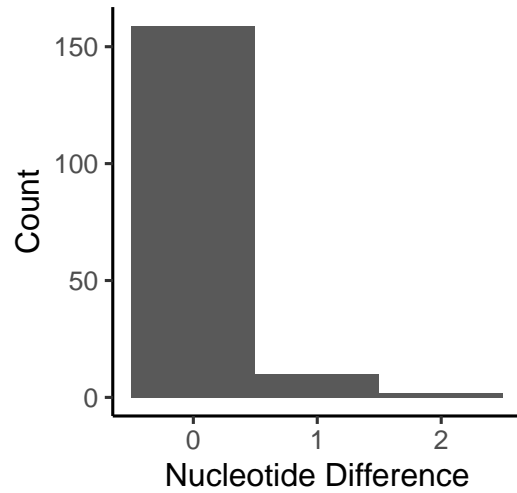


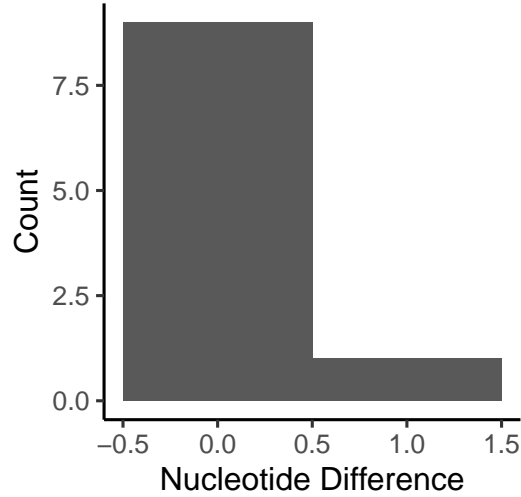
### TRBV20-1\*bp01

171 sequences assigned  
159 (93%) exact matches, in which:  
140 unique CDR3  
13 unique J



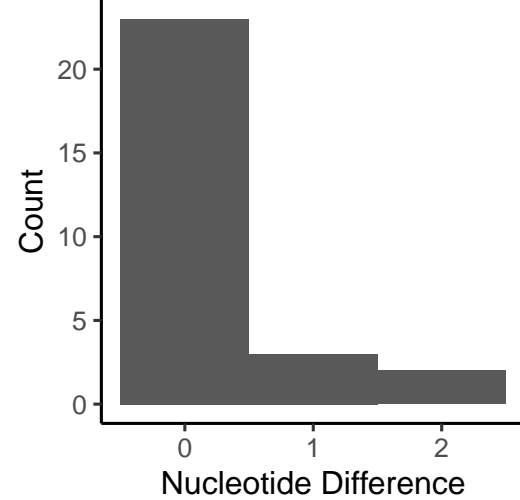
### TRBV10-2\*bp01

10 sequences assigned  
9 (90%) exact matches, in which:  
9 unique CDR3  
5 unique J



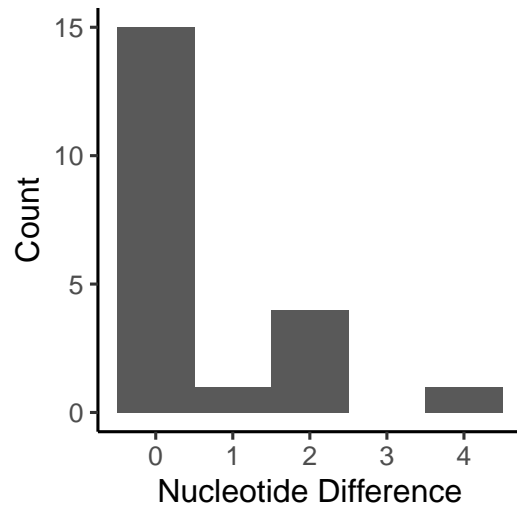
### TRBV14\*bp01

28 sequences assigned  
23 (82.1%) exact matches, in which:  
22 unique CDR3  
10 unique J



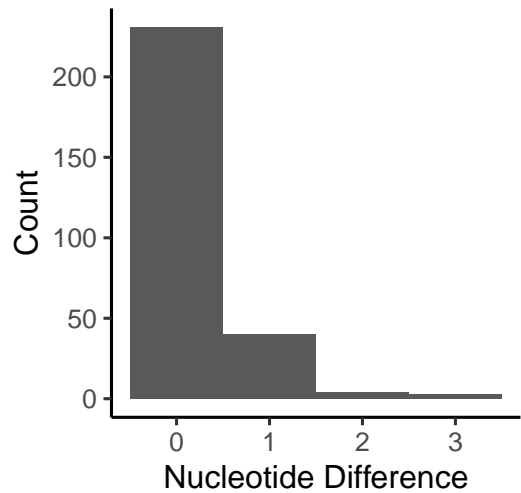
### TRBV10-1\*bp01

21 sequences assigned  
15 (71.4%) exact matches, in which:  
14 unique CDR3  
5 unique J



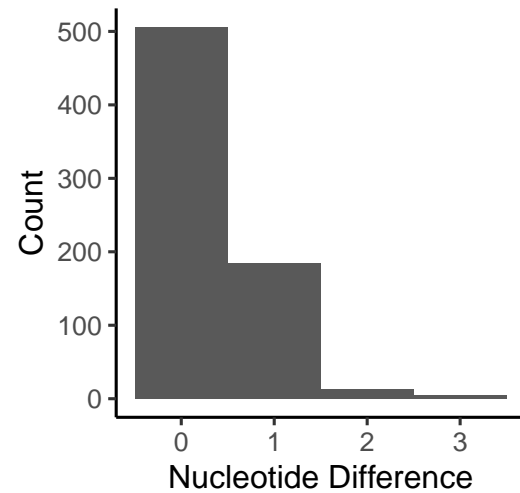
### TRBV10-3\*bp01

278 sequences assigned  
231 (83.1%) exact matches, in which:  
209 unique CDR3  
13 unique J



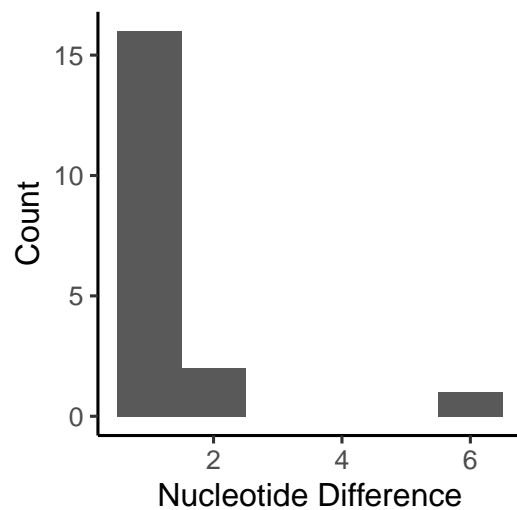
### TRBV15\*bp02

709 sequences assigned  
506 (71.4%) exact matches, in which:  
340 unique CDR3  
13 unique J



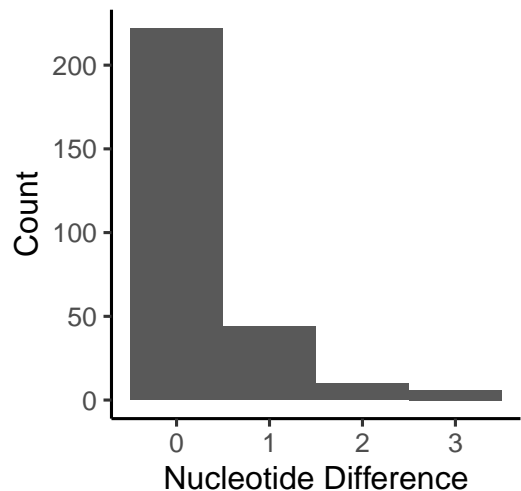
### TRBV10-1\*bp02

19 sequences assigned  
No exact matches.



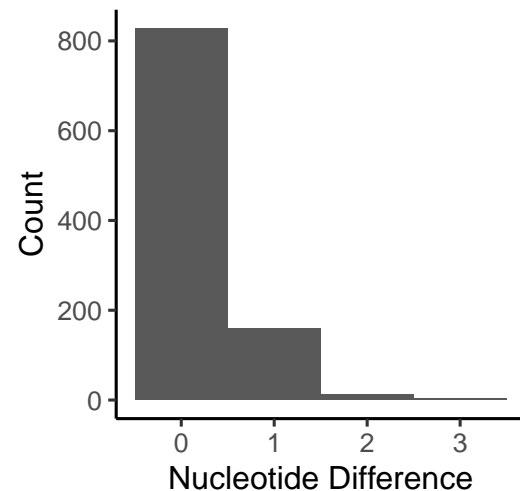
### TRBV13\*bp01

282 sequences assigned  
222 (78.7%) exact matches, in which:  
177 unique CDR3  
12 unique J



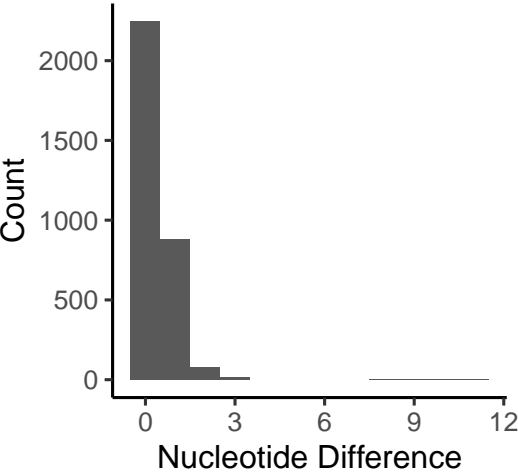
### TRBV18\*bp01

1004 sequences assigned  
828 (82.5%) exact matches, in which:  
576 unique CDR3  
13 unique J



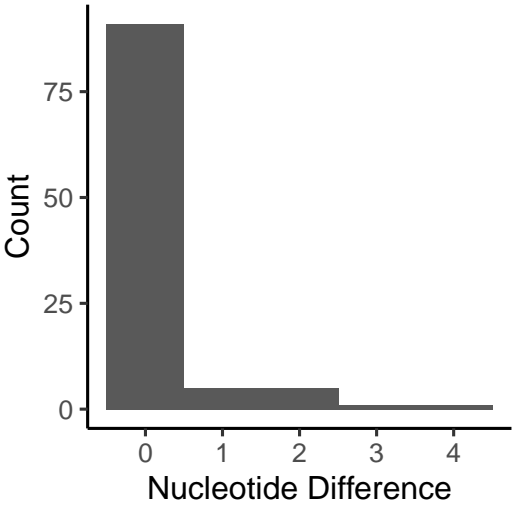
TRBV19\*bp01

3227 sequences assigned  
2246 (69.6%) exact matches, in which:  
1495 unique CDR3  
13 unique J



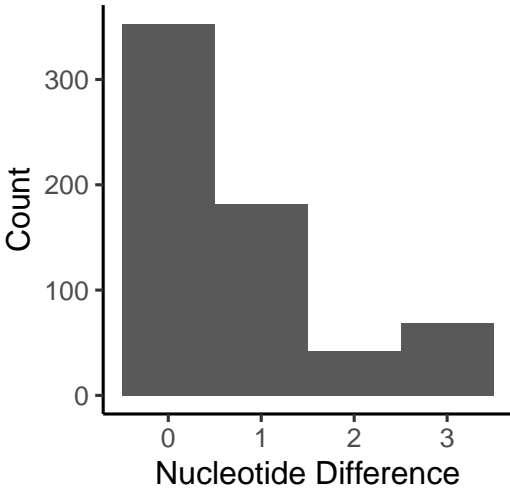
TRBV28\*bp01

103 sequences assigned  
91 (88.3%) exact matches, in which:  
87 unique CDR3  
13 unique J



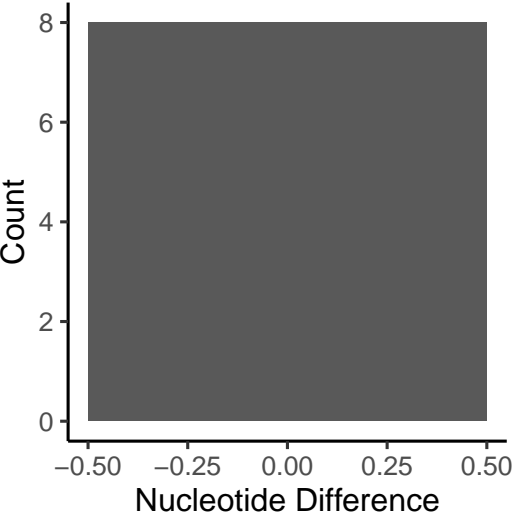
TRBV11-1\*bp01

646 sequences assigned  
353 (54.6%) exact matches, in which:  
266 unique CDR3  
13 unique J



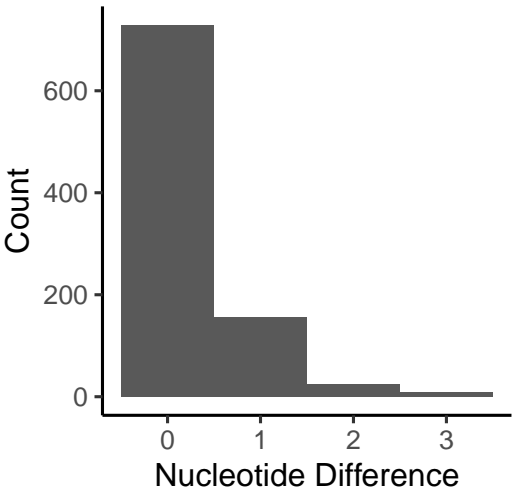
TRBV2\*bp01

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



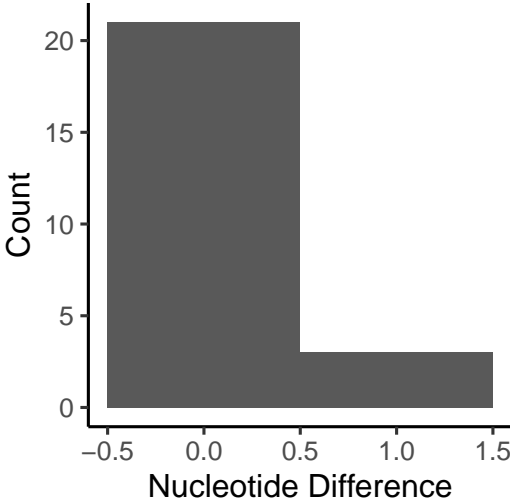
TRBV30\*bp01

918 sequences assigned  
729 (79.4%) exact matches, in which:  
425 unique CDR3  
13 unique J



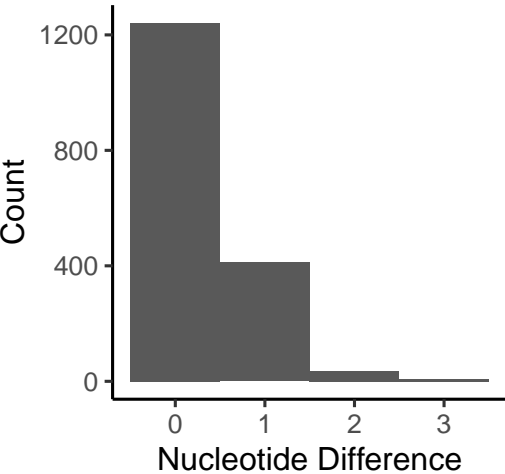
TRBV21-1\*bp01

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



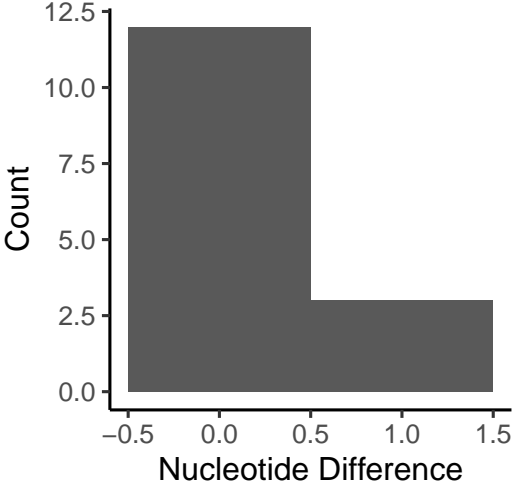
TRBV27\*bp01

1695 sequences assigned  
1241 (73.2%) exact matches, in which:  
1019 unique CDR3  
13 unique J



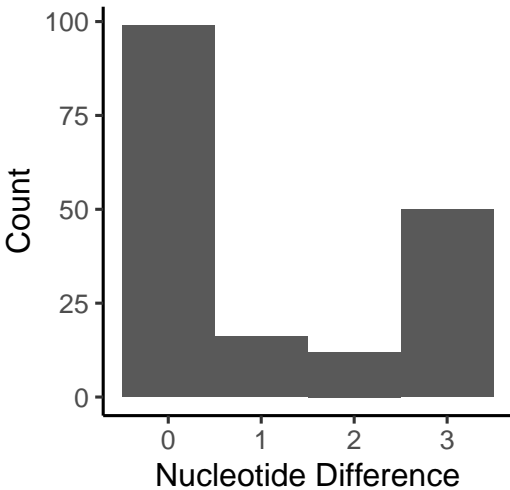
TRBV9\*bp01

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



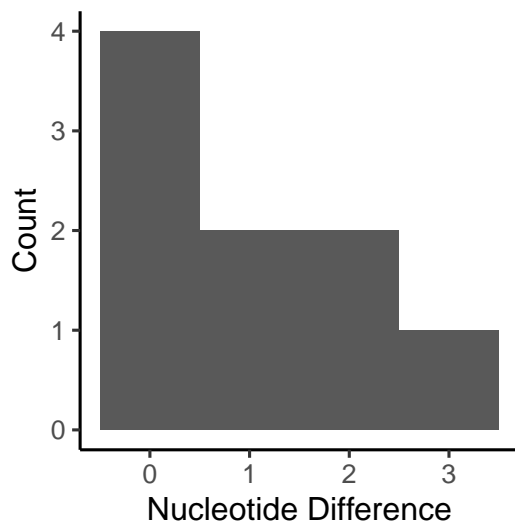
TRBV11-2\*bp01

177 sequences assigned  
99 (55.9%) exact matches, in which:  
89 unique CDR3  
12 unique J



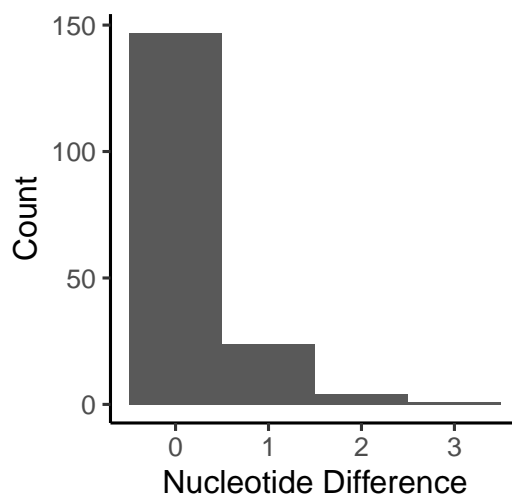
### TRBV11–3\*bp01

9 sequences assigned  
4 (44.4%) exact matches, in which:  
4 unique CDR3  
4 unique J



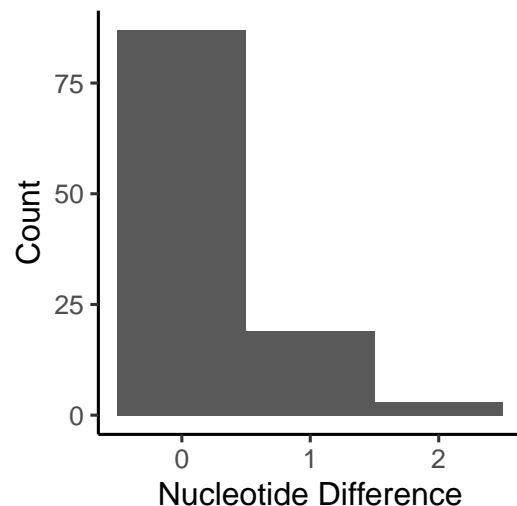
### TRBV24–1\*bp01

176 sequences assigned  
147 (83.5%) exact matches, in which:  
129 unique CDR3  
13 unique J



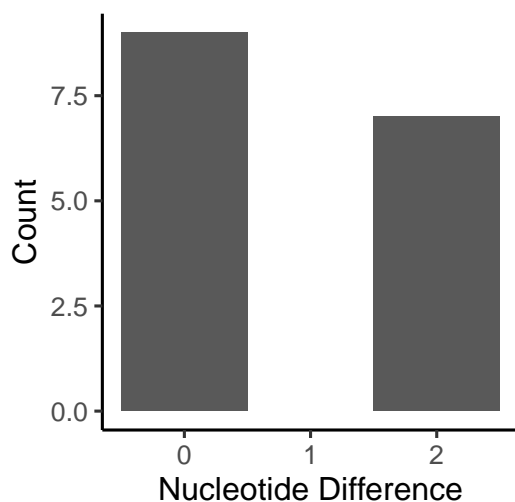
### TRBV4–3\*bp01

109 sequences assigned  
87 (79.8%) exact matches, in which:  
77 unique CDR3  
12 unique J



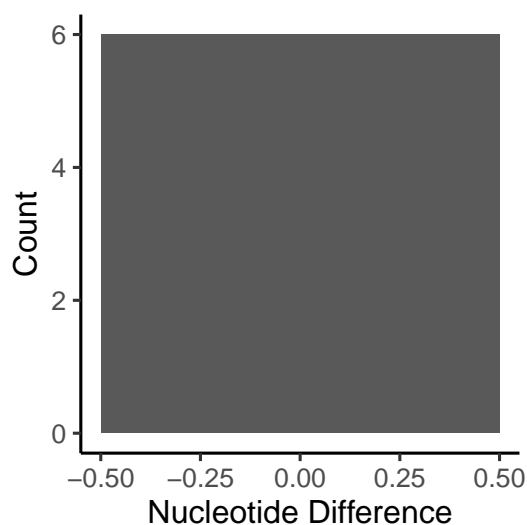
### TRBV12–5\*bp01

16 sequences assigned  
9 (56.2%) exact matches, in which:  
9 unique CDR3  
6 unique J



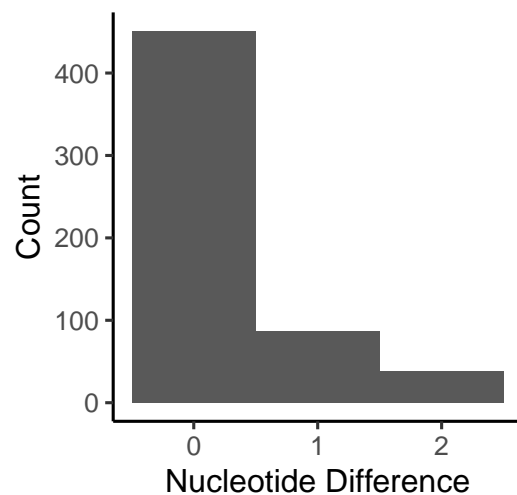
### TRBV4–1\*bp01

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



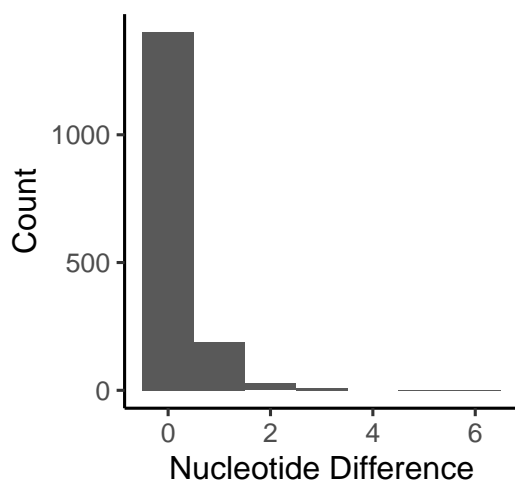
### TRBV5–1\*bp01

576 sequences assigned  
451 (78.3%) exact matches, in which:  
396 unique CDR3  
13 unique J



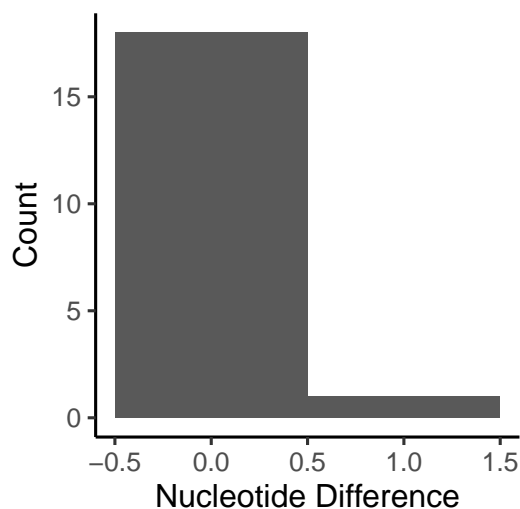
### TRBV12–34\*bp01

1628 sequences assigned  
1402 (86.1%) exact matches, in which:  
896 unique CDR3  
13 unique J



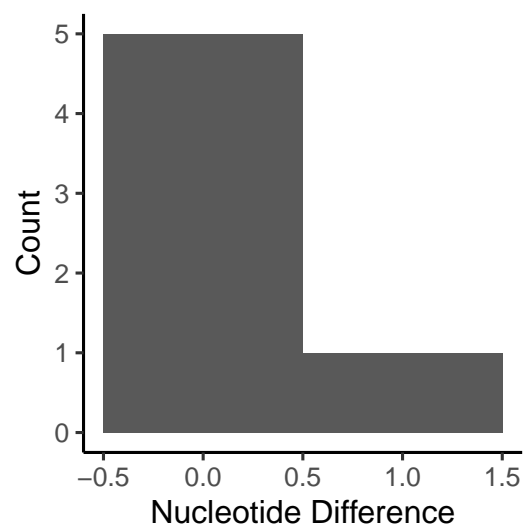
### TRBV4–2\*bp01

19 sequences assigned  
18 (94.7%) exact matches, in which:  
17 unique CDR3  
9 unique J



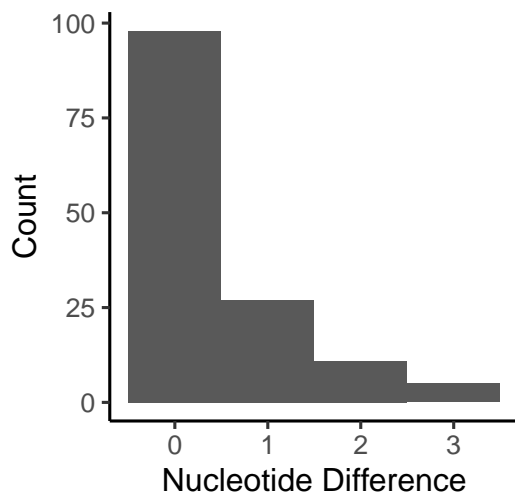
### TRBV25–1\*bp01

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



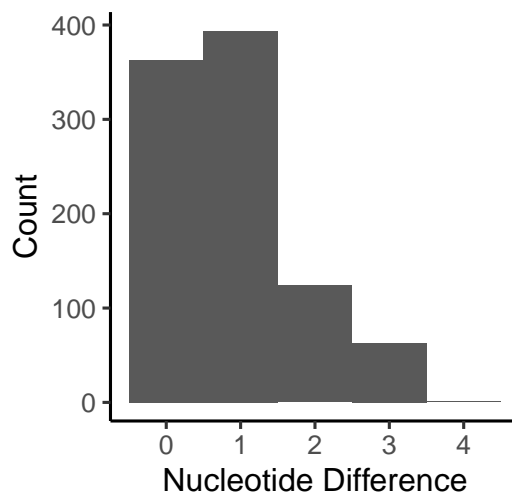
### TRBV5-3\*bp01

141 sequences assigned  
98 (69.5%) exact matches, in which:  
75 unique CDR3  
12 unique J



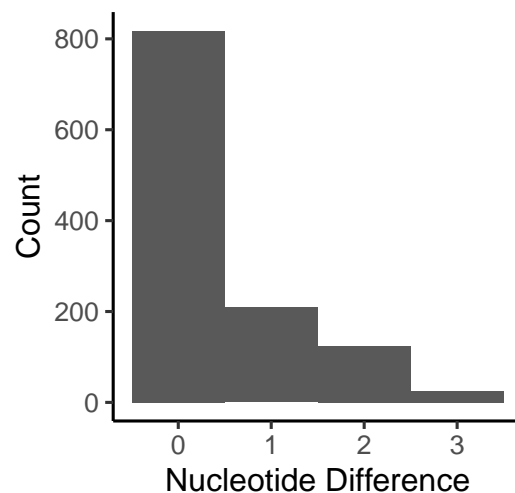
### TRBV5-6\*bp01

945 sequences assigned  
363 (38.4%) exact matches, in which:  
276 unique CDR3  
13 unique J



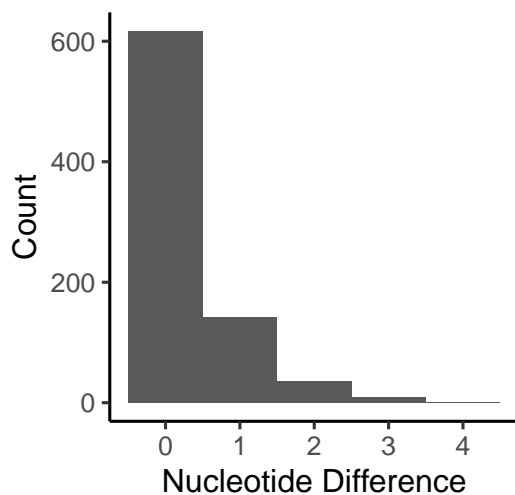
### TRBV6-1\*bp01

1176 sequences assigned  
818 (69.6%) exact matches, in which:  
706 unique CDR3  
13 unique J



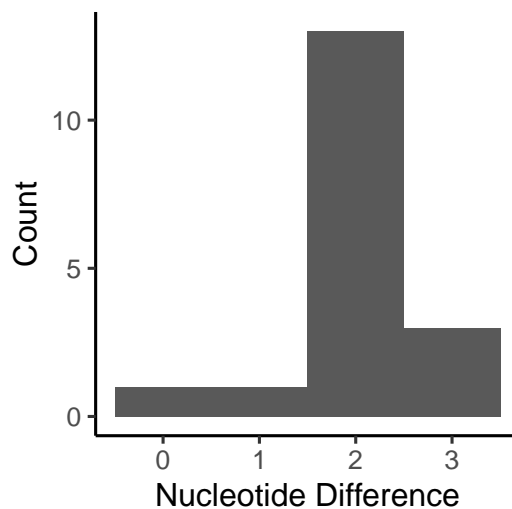
### TRBV5-4\*bp01

804 sequences assigned  
617 (76.7%) exact matches, in which:  
460 unique CDR3  
13 unique J



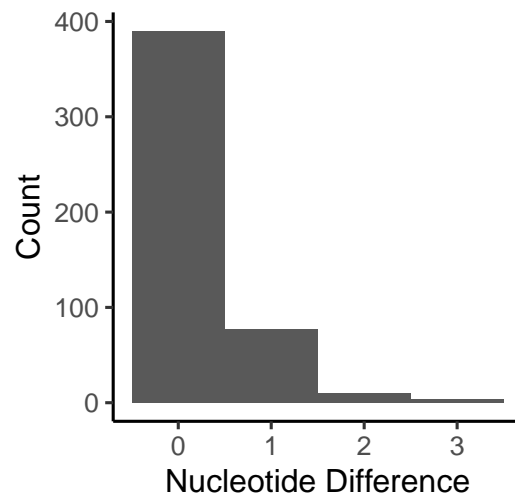
### TRBV5-7\*bp01

18 sequences assigned  
1 (5.6%) exact matches, in which:  
1 unique CDR3  
1 unique J



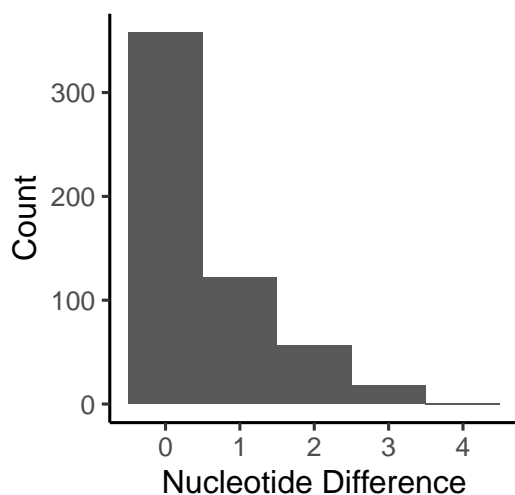
### TRBV6-4\*bp01

481 sequences assigned  
390 (81.1%) exact matches, in which:  
318 unique CDR3  
13 unique J



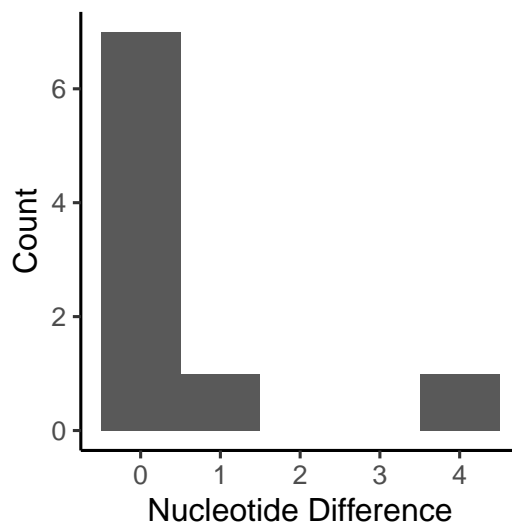
### TRBV5-5\*bp01

555 sequences assigned  
358 (64.5%) exact matches, in which:  
260 unique CDR3  
13 unique J



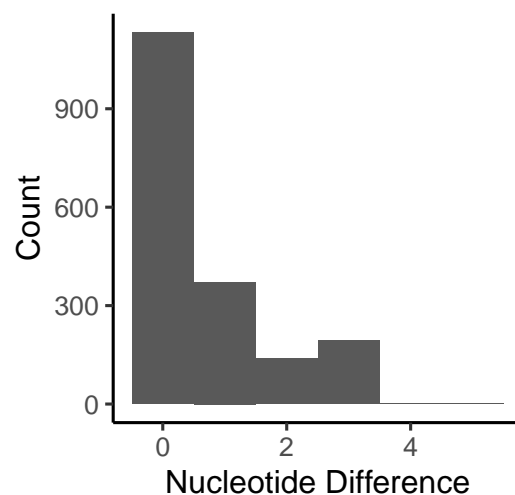
### TRBV5-8\*bp01

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



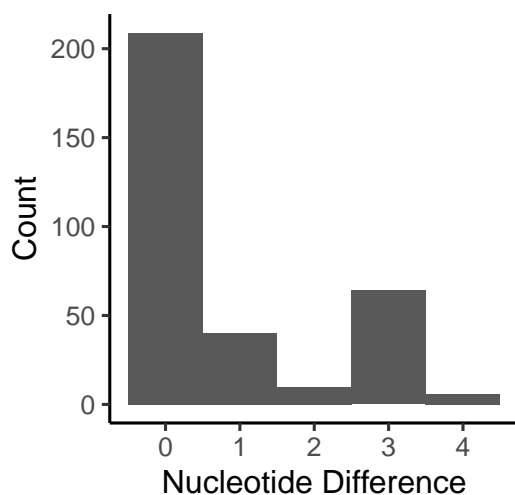
### TRBV6-5\*bp01

1841 sequences assigned  
1133 (61.5%) exact matches, in which:  
942 unique CDR3  
13 unique J



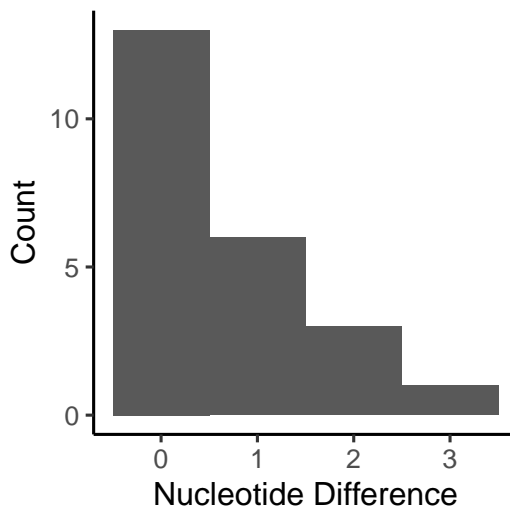
### TRBV6-6\*bp01

329 sequences assigned  
209 (63.5%) exact matches, in which:  
192 unique CDR3  
13 unique J



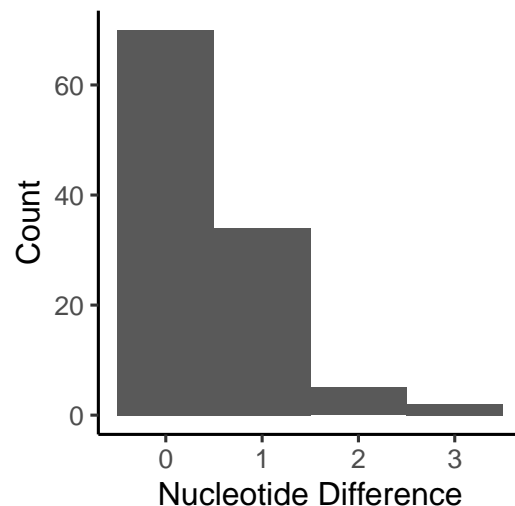
### TRBV6-9\*bp01

23 sequences assigned  
13 (56.5%) exact matches, in which:  
10 unique CDR3  
5 unique J



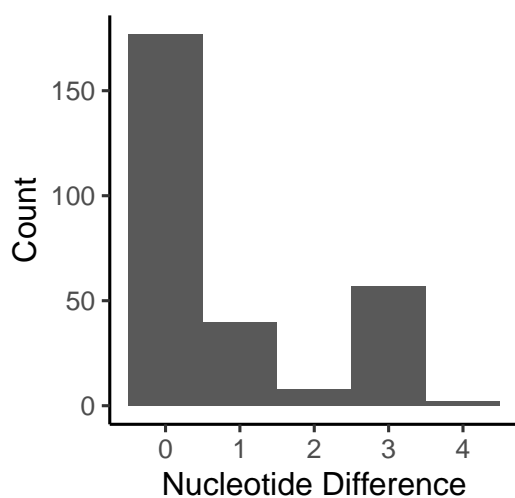
### TRBV7-2\*bp02

111 sequences assigned  
70 (63.1%) exact matches, in which:  
60 unique CDR3  
10 unique J



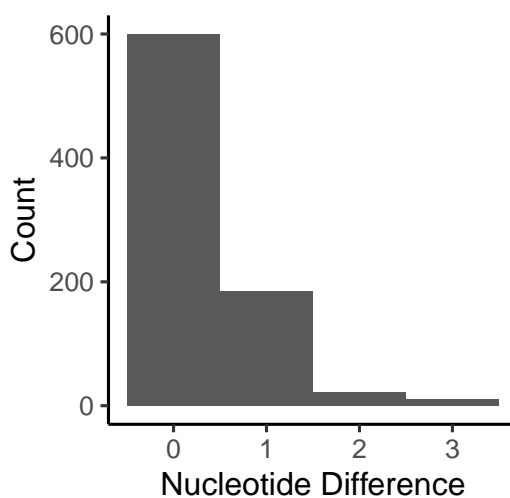
### TRBV6-6\*bp02

284 sequences assigned  
177 (62.3%) exact matches, in which:  
152 unique CDR3  
12 unique J



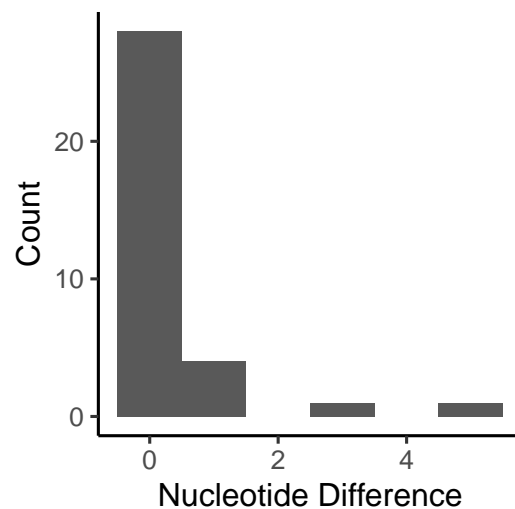
### TRBV6-23\*bp01

818 sequences assigned  
600 (73.3%) exact matches, in which:  
503 unique CDR3  
13 unique J



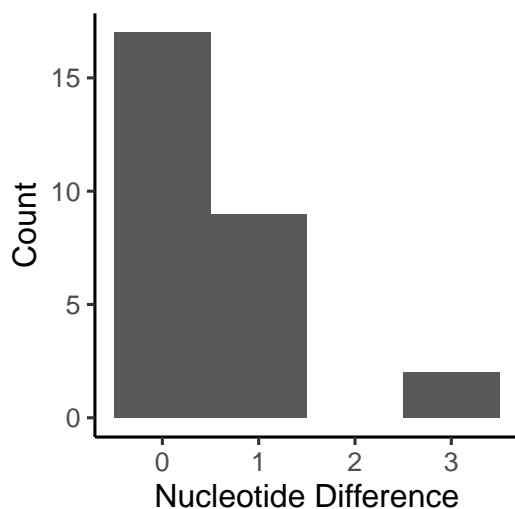
### TRBV7-3\*bp01

34 sequences assigned  
28 (82.4%) exact matches, in which:  
26 unique CDR3  
9 unique J



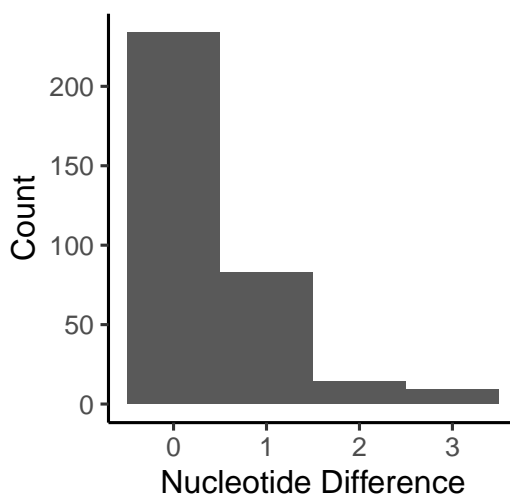
### TRBV6-8\*bp01

28 sequences assigned  
17 (60.7%) exact matches, in which:  
15 unique CDR3  
6 unique J



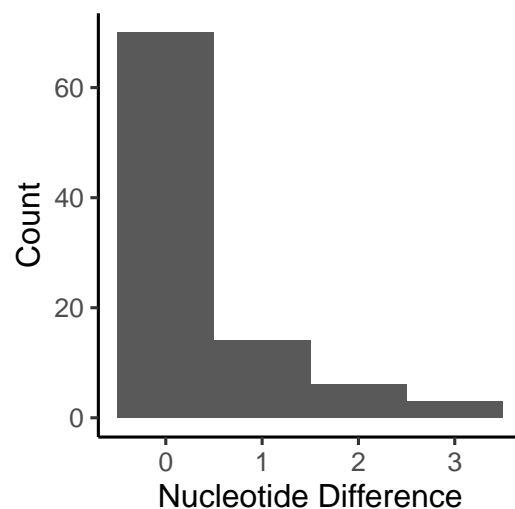
### TRBV7-2\*bp01

340 sequences assigned  
234 (68.8%) exact matches, in which:  
196 unique CDR3  
13 unique J



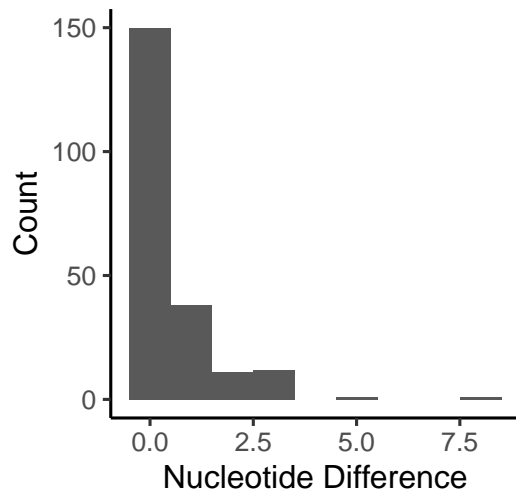
### TRBV7-4\*bp01

93 sequences assigned  
70 (75.3%) exact matches, in which:  
49 unique CDR3  
10 unique J



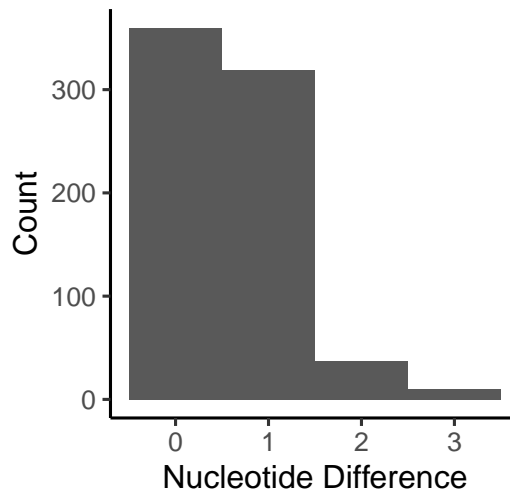
### TRBV7-6\*bp01

213 sequences assigned  
150 (70.4%) exact matches, in which:  
120 unique CDR3  
13 unique J



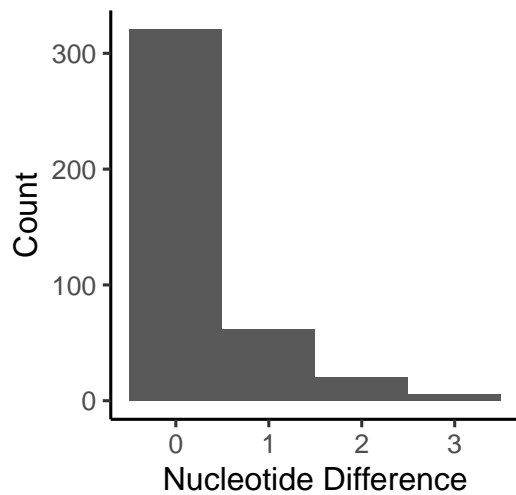
### TRBV29-1\*bp03

726 sequences assigned  
360 (49.6%) exact matches, in which:  
221 unique CDR3  
13 unique J



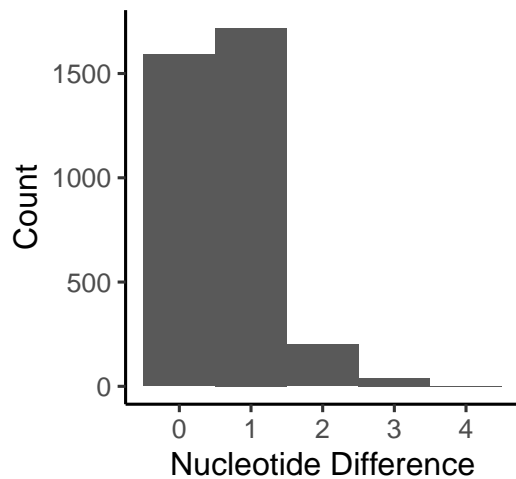
### TRBV7-9\*bp01

409 sequences assigned  
321 (78.5%) exact matches, in which:  
271 unique CDR3  
13 unique J



### TRBV29-1\*bp01

3551 sequences assigned  
1591 (44.8%) exact matches, in which:  
990 unique CDR3  
13 unique J





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