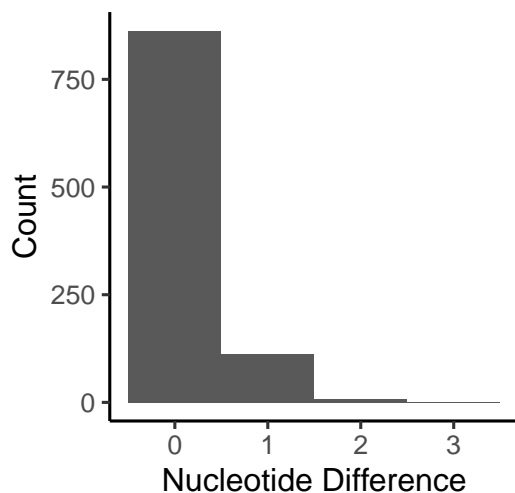


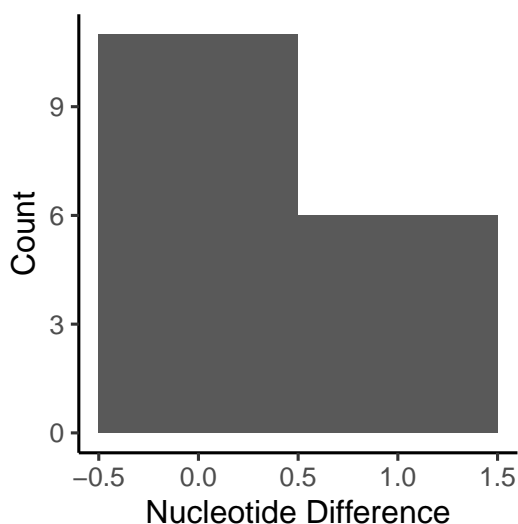
### TRBV20–1\*bp01

984 sequences assigned  
863 (87.7%) exact matches, in which:  
710 unique CDR3  
13 unique J



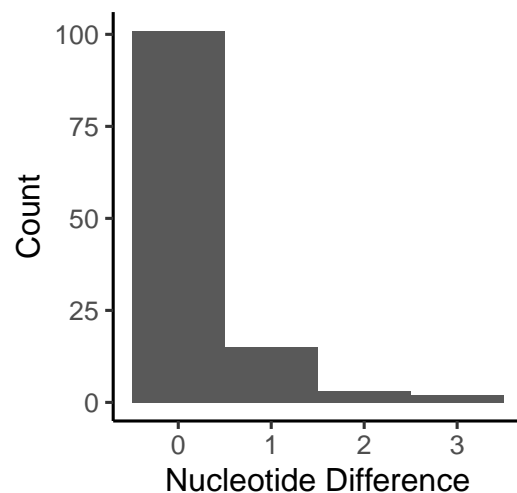
### TRBV10–2\*bp01

17 sequences assigned  
11 (64.7%) exact matches, in which:  
9 unique CDR3  
6 unique J



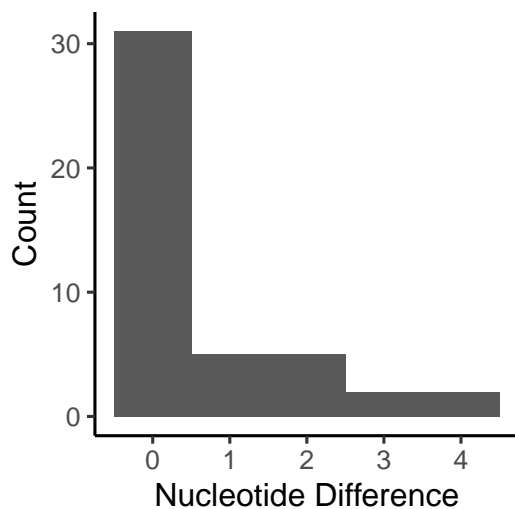
### TRBV13\*bp01

121 sequences assigned  
101 (83.5%) exact matches, in which:  
90 unique CDR3  
12 unique J



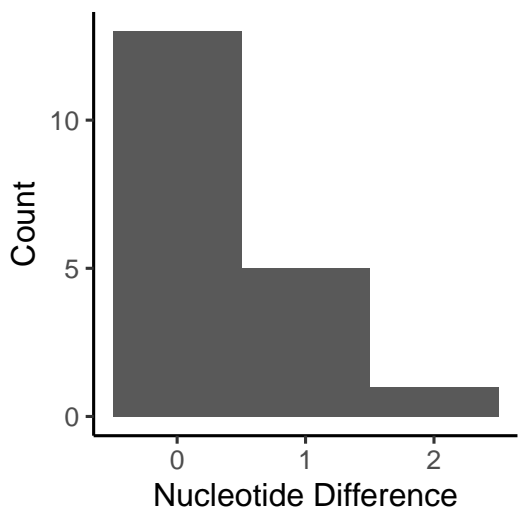
### TRBV10–1\*bp01

45 sequences assigned  
31 (68.9%) exact matches, in which:  
29 unique CDR3  
12 unique J



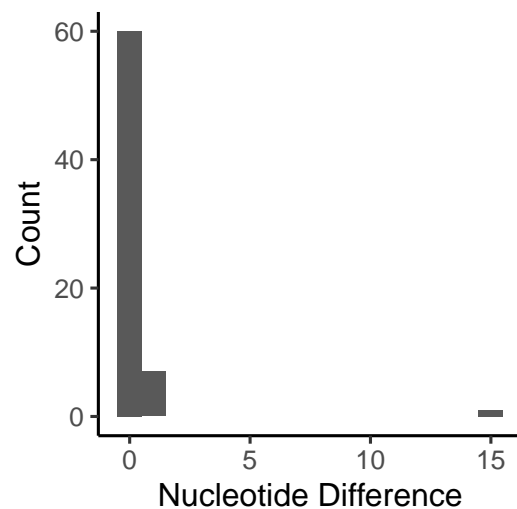
### TRBV10–2\*bp02

19 sequences assigned  
13 (68.4%) exact matches, in which:  
13 unique CDR3  
6 unique J



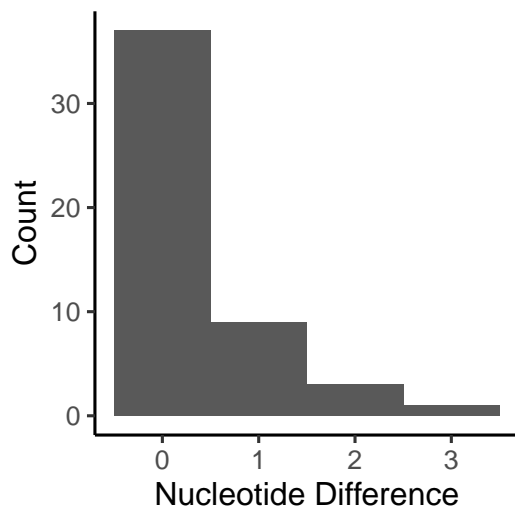
### TRBV14\*bp01

68 sequences assigned  
60 (88.2%) exact matches, in which:  
55 unique CDR3  
11 unique J



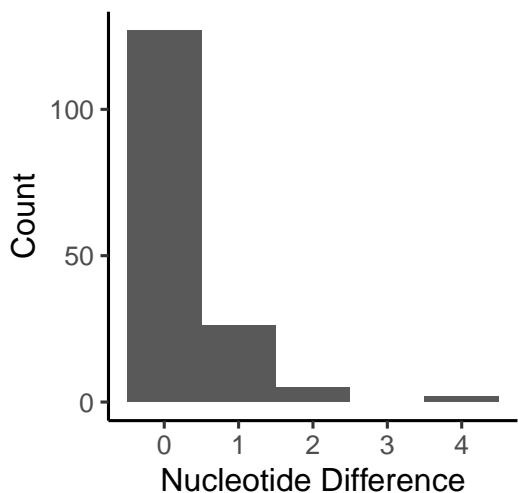
### TRBV10–1\*bp02

50 sequences assigned  
37 (74%) exact matches, in which:  
36 unique CDR3  
12 unique J



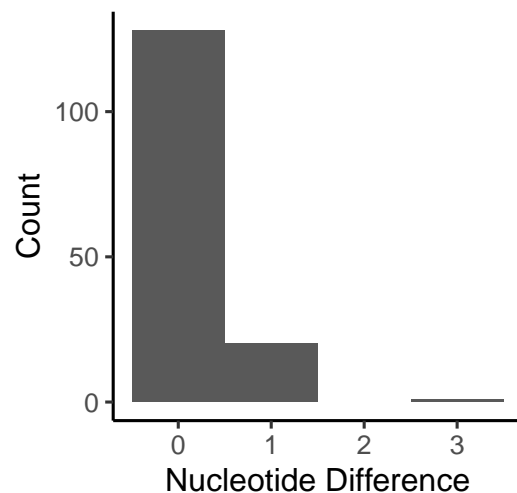
### TRBV10–3\*bp01

160 sequences assigned  
127 (79.4%) exact matches, in which:  
113 unique CDR3  
12 unique J



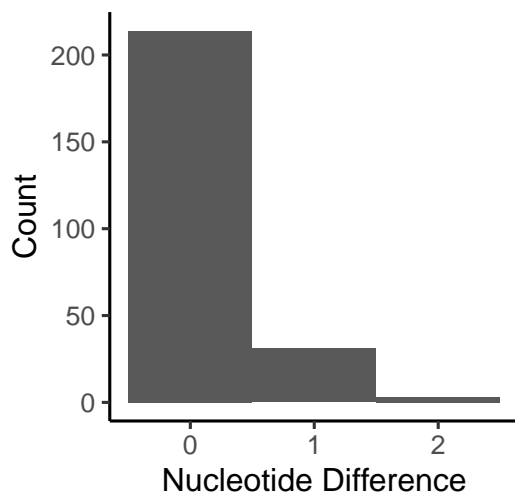
### TRBV15\*bp02

149 sequences assigned  
128 (85.9%) exact matches, in which:  
108 unique CDR3  
12 unique J



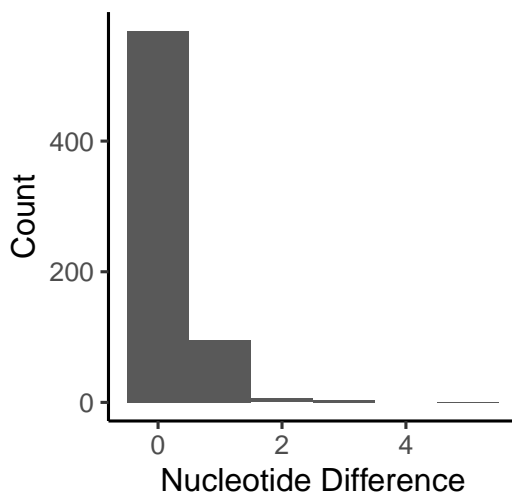
### TRBV18\*bp01

248 sequences assigned  
214 (86.3%) exact matches, in which:  
180 unique CDR3  
13 unique J



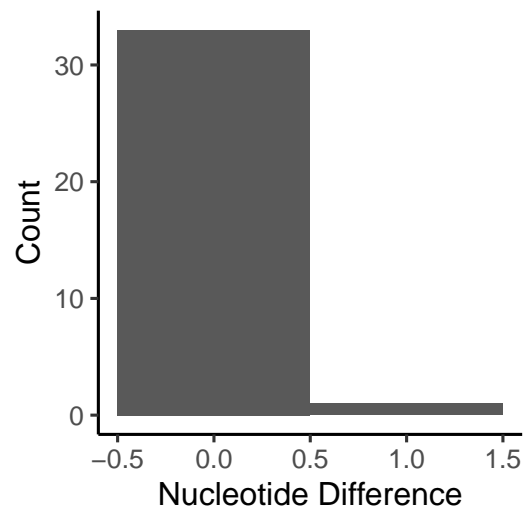
### TRBV27\*bp01

675 sequences assigned  
569 (84.3%) exact matches, in which:  
489 unique CDR3  
13 unique J



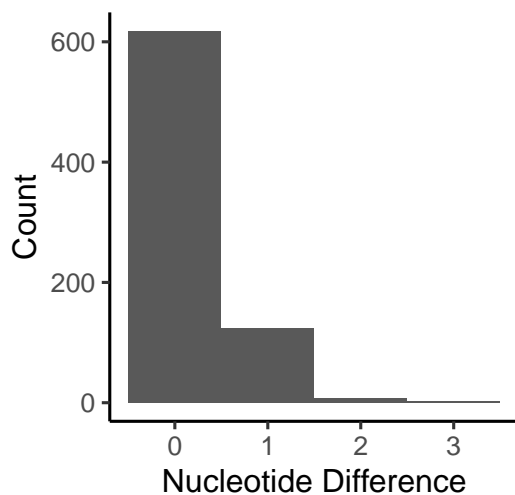
### TRBV9\*bp01

34 sequences assigned  
33 (97.1%) exact matches, in which:  
30 unique CDR3  
11 unique J



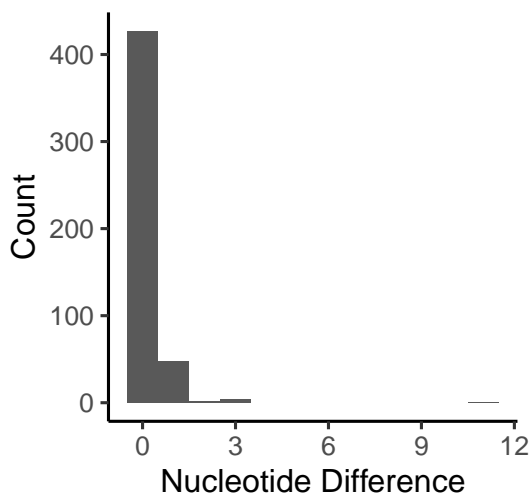
### TRBV19\*bp01

757 sequences assigned  
618 (81.6%) exact matches, in which:  
489 unique CDR3  
13 unique J



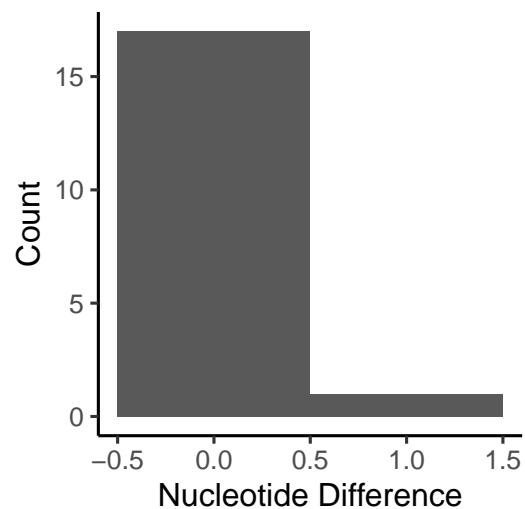
### TRBV28\*bp01

482 sequences assigned  
427 (88.6%) exact matches, in which:  
392 unique CDR3  
13 unique J



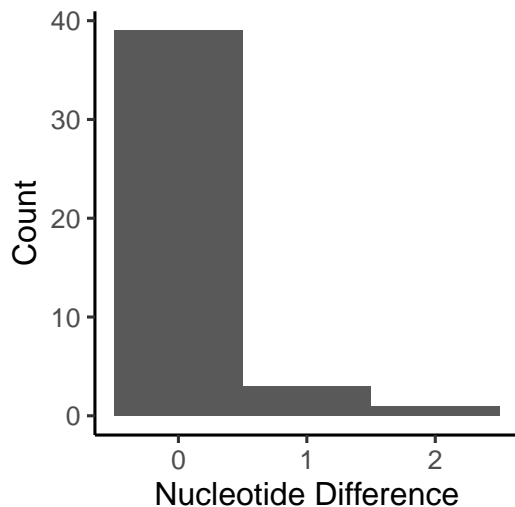
### TRBV9\*bp02

18 sequences assigned  
17 (94.4%) exact matches, in which:  
17 unique CDR3  
8 unique J



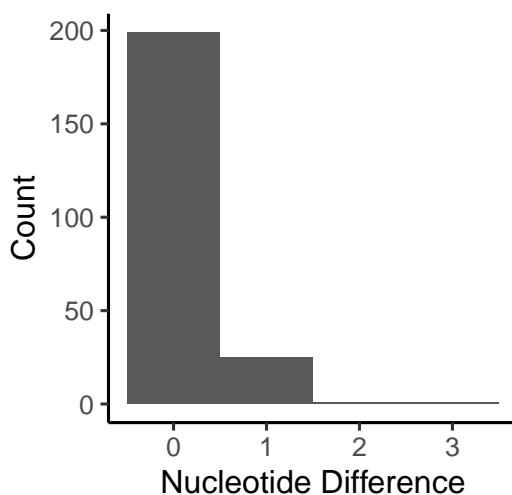
### TRBV2\*bp01

43 sequences assigned  
39 (90.7%) exact matches, in which:  
38 unique CDR3  
10 unique J



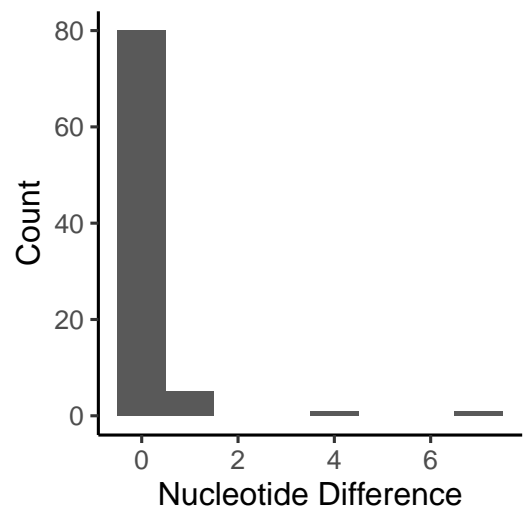
### TRBV30\*bp01

226 sequences assigned  
199 (88.1%) exact matches, in which:  
155 unique CDR3  
13 unique J



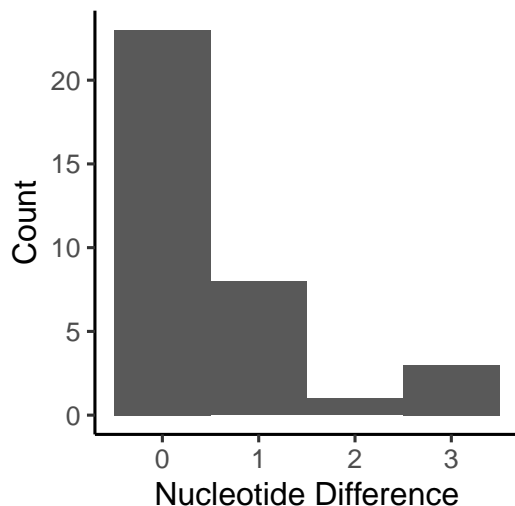
### TRBV21-1\*bp01

87 sequences assigned  
80 (92%) exact matches, in which:  
74 unique CDR3  
11 unique J



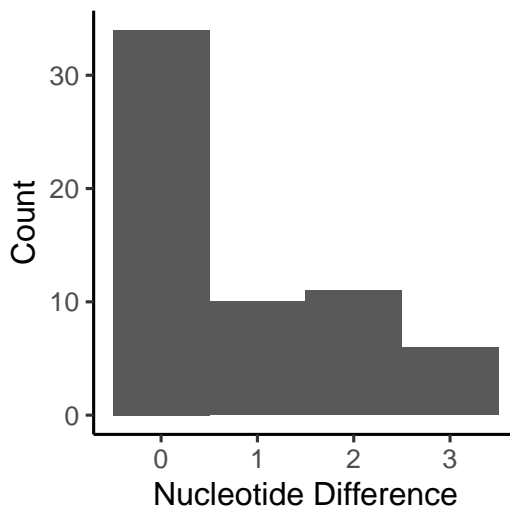
### TRBV11–1\*bp01

35 sequences assigned  
23 (65.7%) exact matches, in which:  
21 unique CDR3  
10 unique J



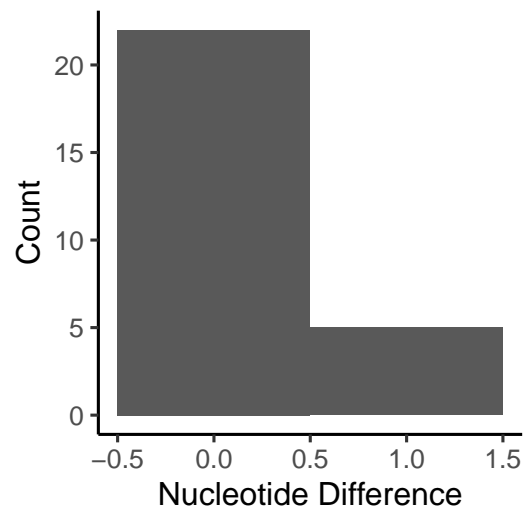
### TRBV11–3\*bp01

61 sequences assigned  
34 (55.7%) exact matches, in which:  
30 unique CDR3  
8 unique J



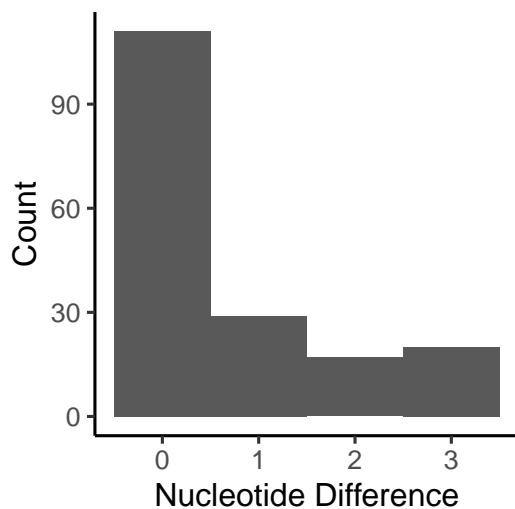
### TRBV23–1\*bp01

27 sequences assigned  
22 (81.5%) exact matches, in which:  
21 unique CDR3  
8 unique J



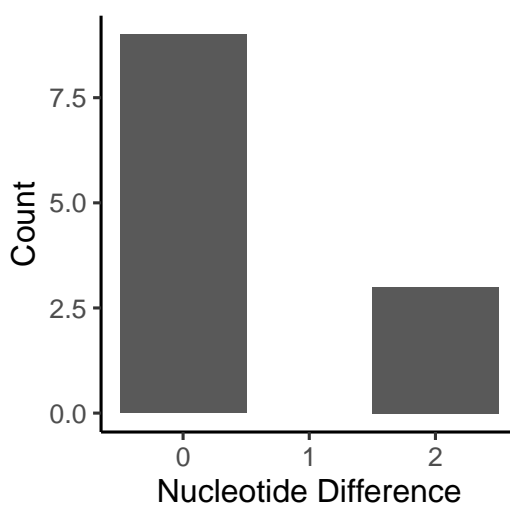
### TRBV11–2\*bp01

177 sequences assigned  
111 (62.7%) exact matches, in which:  
99 unique CDR3  
13 unique J



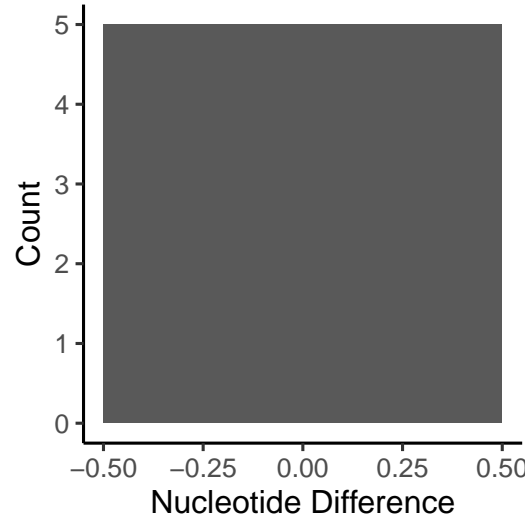
### TRBV12–5\*bp01

12 sequences assigned  
9 (75%) exact matches, in which:  
9 unique CDR3  
7 unique J



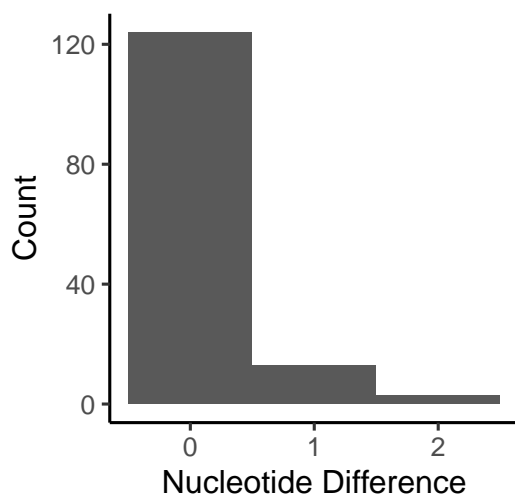
### TRBV3–1\*bp01

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



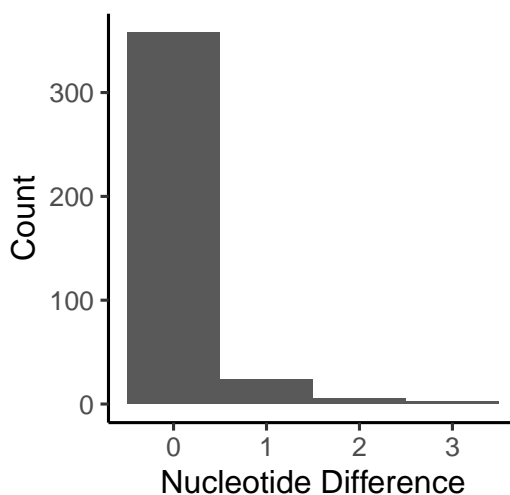
### TRBV11–2\*bp03

140 sequences assigned  
124 (88.6%) exact matches, in which:  
106 unique CDR3  
12 unique J



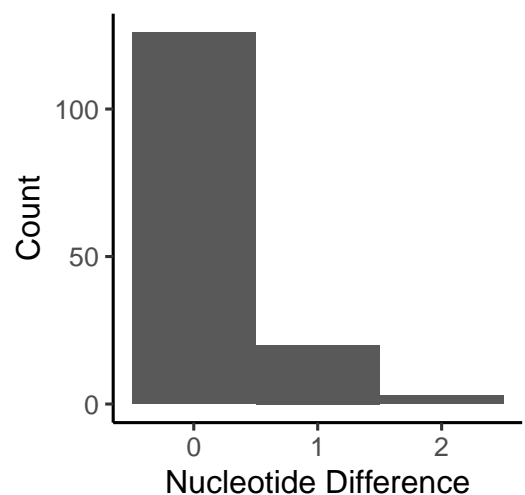
### TRBV12–34\*bp01

389 sequences assigned  
358 (92%) exact matches, in which:  
280 unique CDR3  
13 unique J



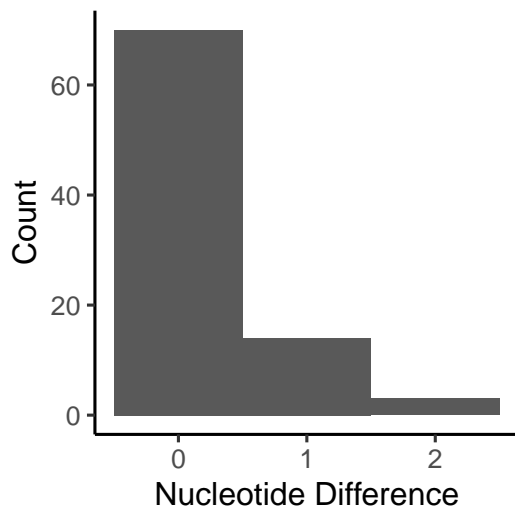
### TRBV24–1\*bp01

149 sequences assigned  
126 (84.6%) exact matches, in which:  
122 unique CDR3  
12 unique J



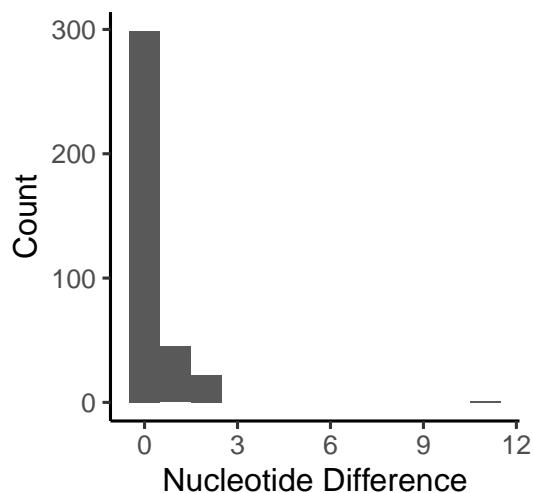
### TRBV4-1\*bp01

87 sequences assigned  
70 (80.5%) exact matches, in which:  
69 unique CDR3  
12 unique J



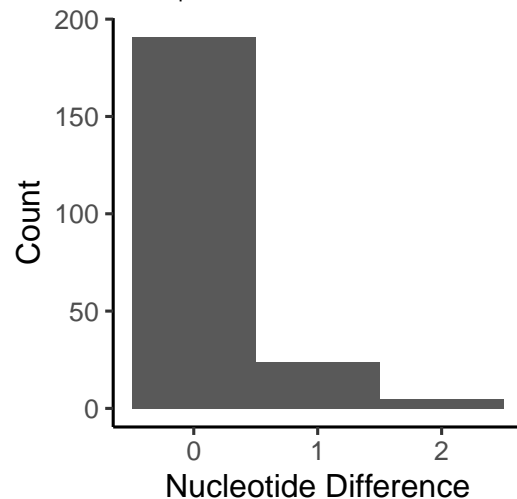
### TRBV5-1\*bp01

367 sequences assigned  
299 (81.5%) exact matches, in which:  
275 unique CDR3  
13 unique J



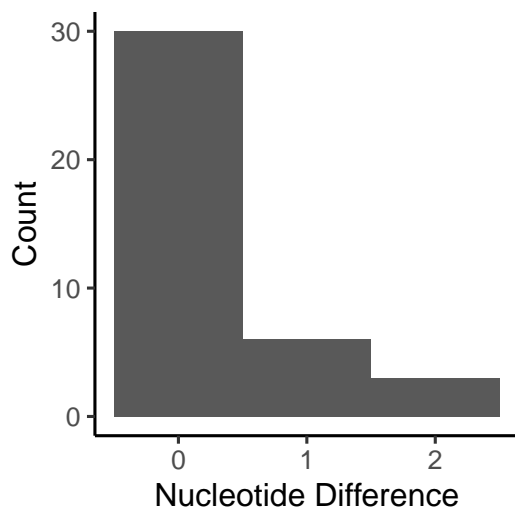
### TRBV5-4\*bp01

220 sequences assigned  
191 (86.8%) exact matches, in which:  
167 unique CDR3  
13 unique J



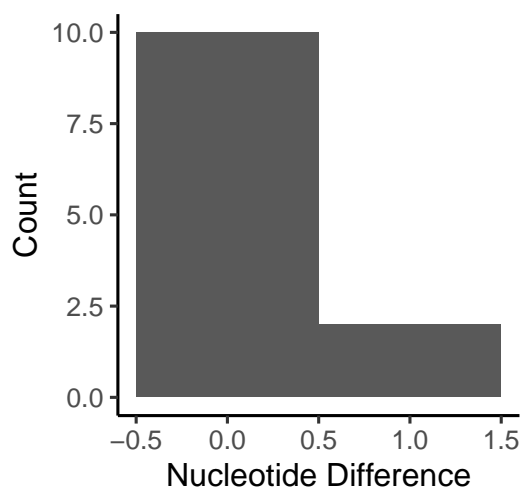
### TRBV4-2\*bp01

39 sequences assigned  
30 (76.9%) exact matches, in which:  
28 unique CDR3  
9 unique J



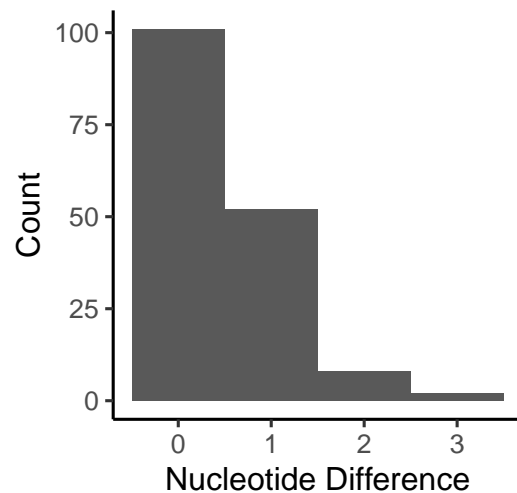
### TRBV5-3\*bp01

12 sequences assigned  
10 (83.3%) exact matches, in which:  
10 unique CDR3  
7 unique J



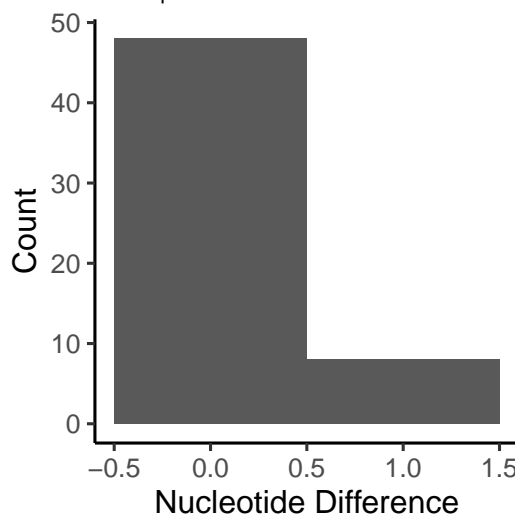
### TRBV5-5\*bp01

163 sequences assigned  
101 (62%) exact matches, in which:  
84 unique CDR3  
11 unique J



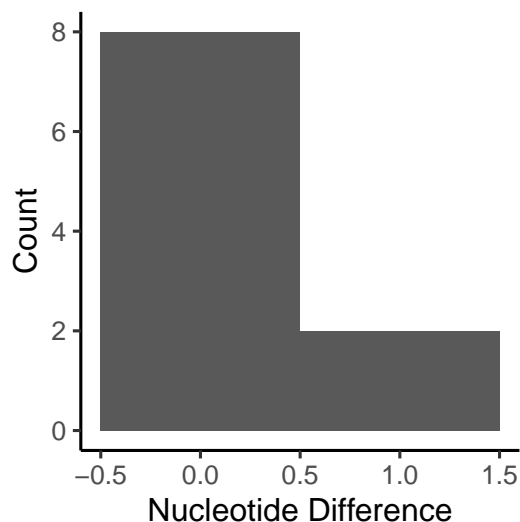
### TRBV25-1\*bp01

56 sequences assigned  
48 (85.7%) exact matches, in which:  
44 unique CDR3  
11 unique J



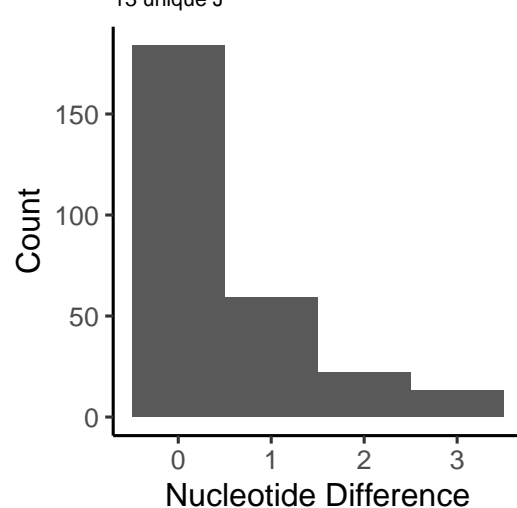
### TRBV5-3\*bp02

10 sequences assigned  
8 (80%) exact matches, in which:  
7 unique CDR3  
6 unique J



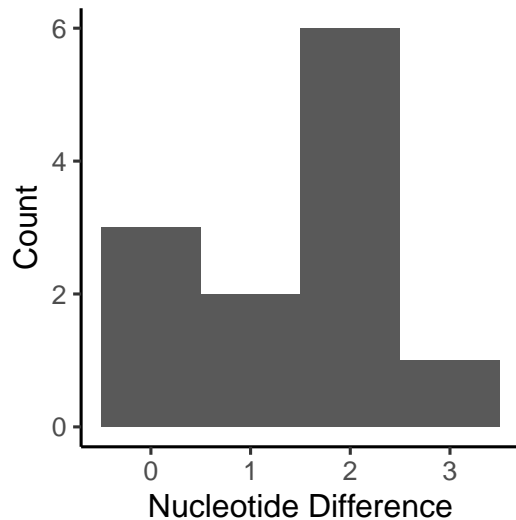
### TRBV5-6\*bp01

278 sequences assigned  
184 (66.2%) exact matches, in which:  
153 unique CDR3  
13 unique J



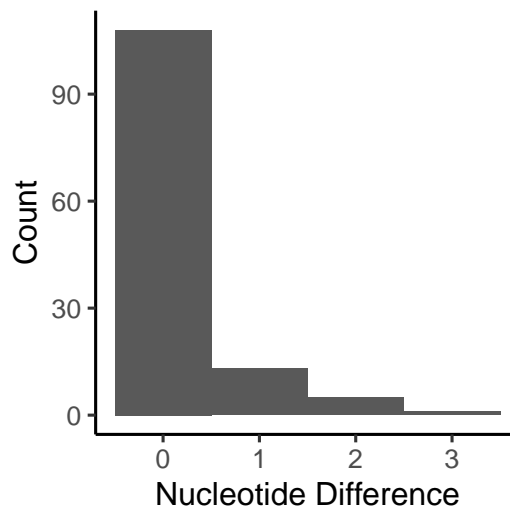
### TRBV5-7\*bp01

12 sequences assigned  
3 (25%) exact matches, in which:  
3 unique CDR3  
1 unique J



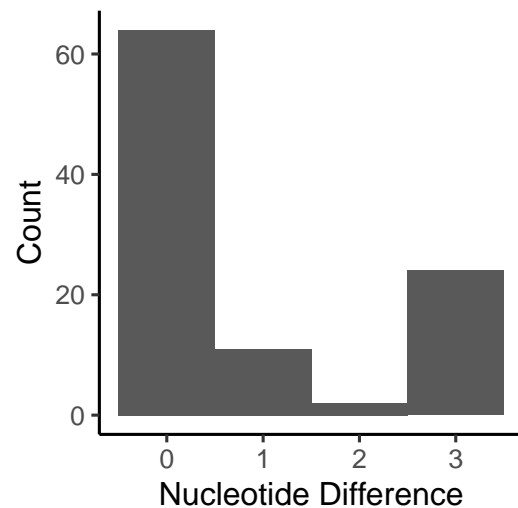
### TRBV6-4\*bp01

127 sequences assigned  
108 (85%) exact matches, in which:  
99 unique CDR3  
12 unique J



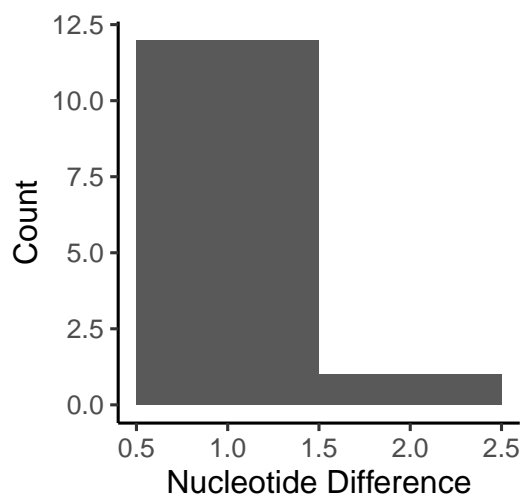
### TRBV6-6\*bp02

101 sequences assigned  
64 (63.4%) exact matches, in which:  
61 unique CDR3  
12 unique J



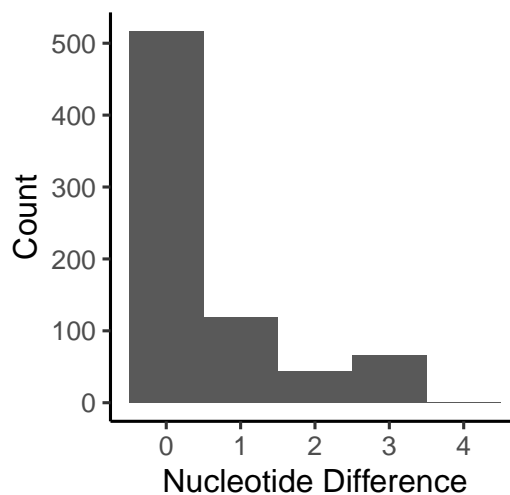
### TRBV5-8\*bp01

13 sequences assigned  
No exact matches.



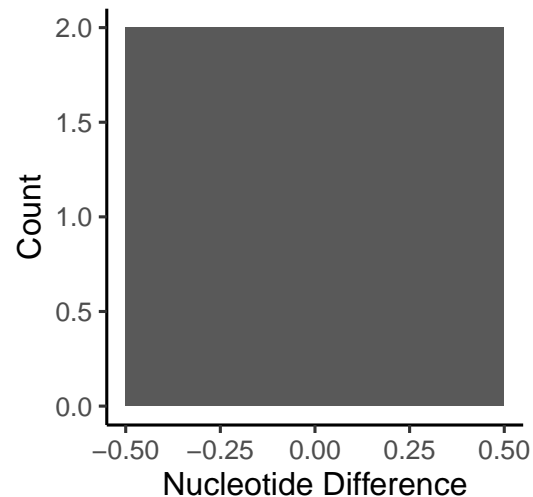
### TRBV6-5\*bp01

747 sequences assigned  
517 (69.2%) exact matches, in which:  
452 unique CDR3  
13 unique J



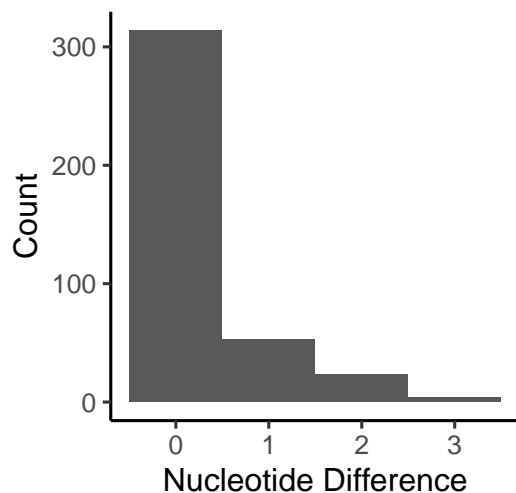
### TRBV6-7\*bp01

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



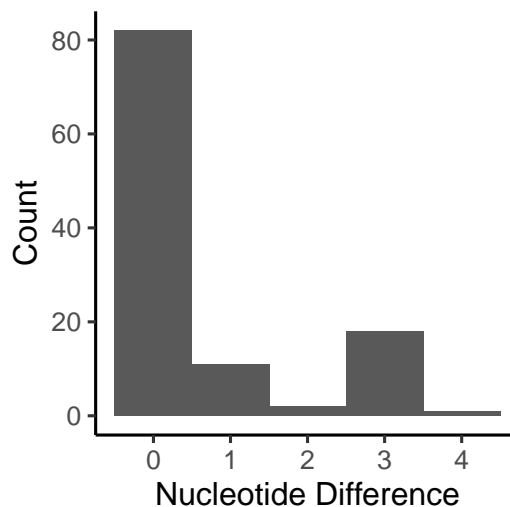
### TRBV6-1\*bp01

394 sequences assigned  
314 (79.7%) exact matches, in which:  
286 unique CDR3  
13 unique J



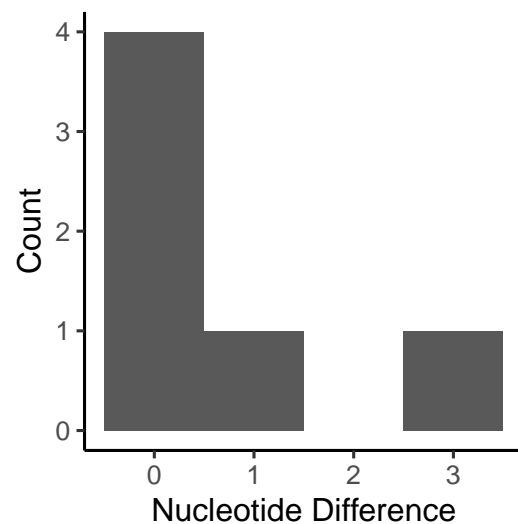
### TRBV6-6\*bp01

114 sequences assigned  
82 (71.9%) exact matches, in which:  
79 unique CDR3  
12 unique J



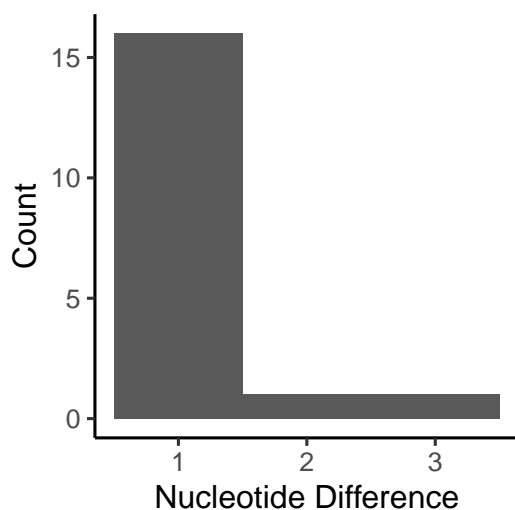
### TRBV6-8\*bp01

6 sequences assigned  
4 (66.7%) exact matches, in which:  
4 unique CDR3  
4 unique J



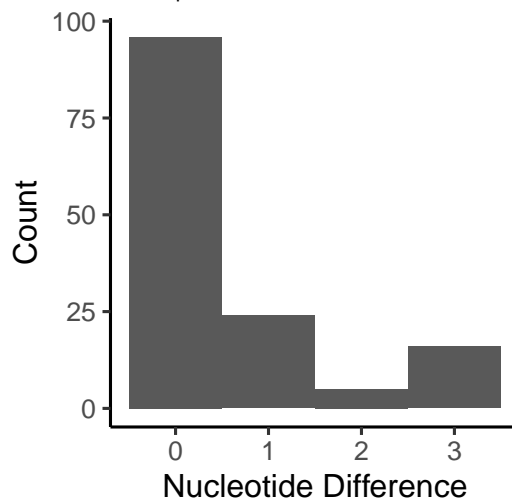
### TRBV6-9\*bp01

18 sequences assigned  
No exact matches.



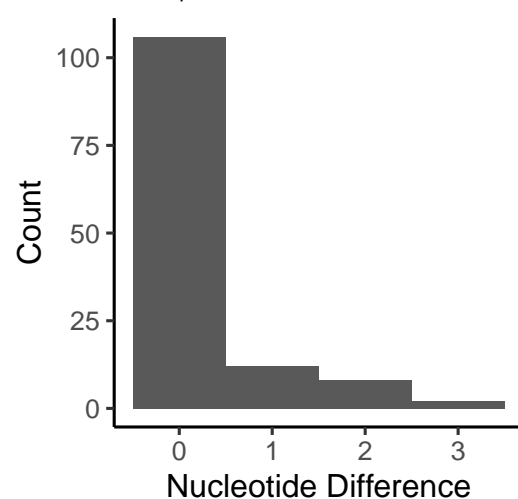
### TRBV7-3\*bp01

141 sequences assigned  
96 (68.1%) exact matches, in which:  
88 unique CDR3  
10 unique J



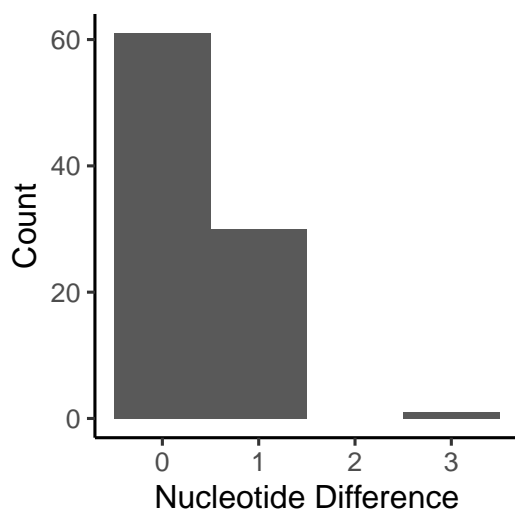
### TRBV7-6\*bp01

128 sequences assigned  
106 (82.8%) exact matches, in which:  
97 unique CDR3  
12 unique J



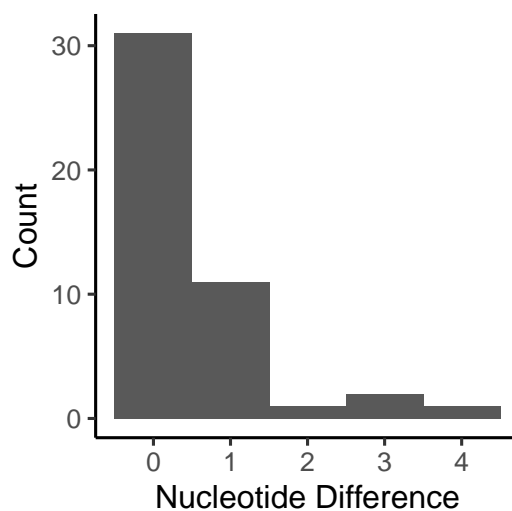
### TRBV6-23\*bp01

92 sequences assigned  
61 (66.3%) exact matches, in which:  
58 unique CDR3  
12 unique J



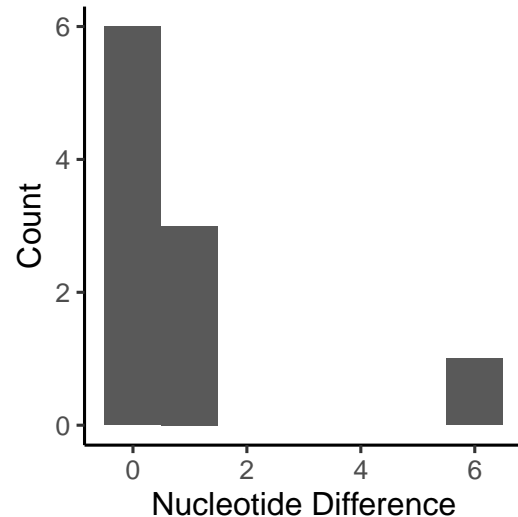
### TRBV7-3\*bp03

46 sequences assigned  
31 (67.4%) exact matches, in which:  
28 unique CDR3  
7 unique J



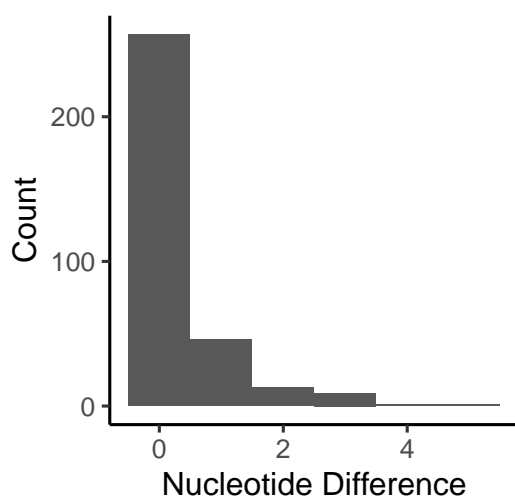
### TRBV7-7\*bp01

10 sequences assigned  
6 (60%) exact matches, in which:  
5 unique CDR3  
3 unique J



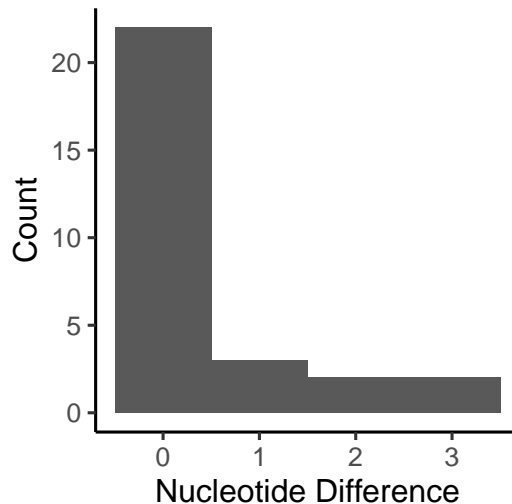
### TRBV7-2\*bp02

327 sequences assigned  
257 (78.6%) exact matches, in which:  
207 unique CDR3  
13 unique J



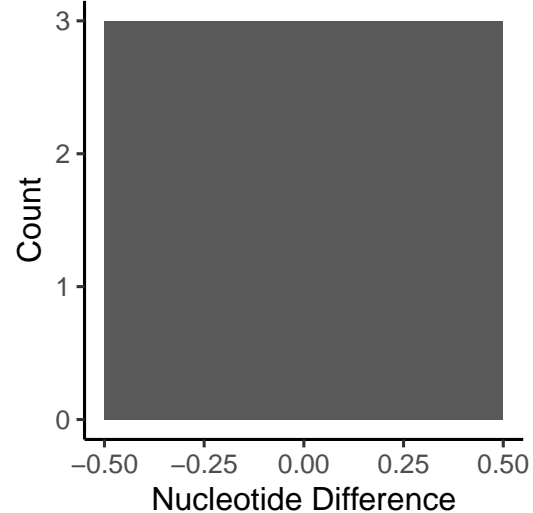
### TRBV7-4\*bp01

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



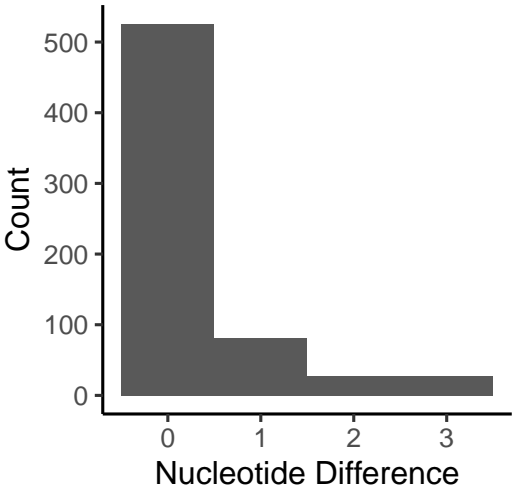
### TRBV7-8\*bp01

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



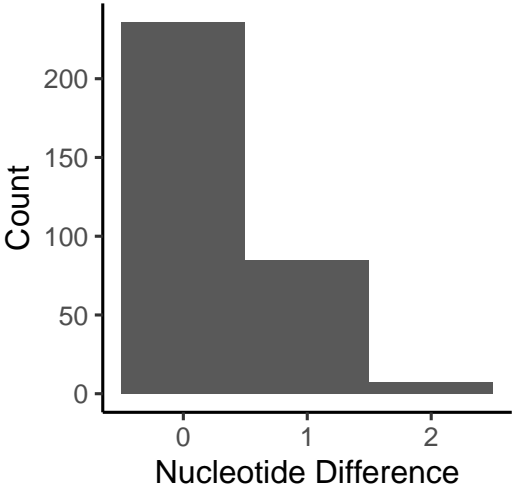
TRBV7–9\*bp01

662 sequences assigned  
526 (79.5%) exact matches, in which:  
418 unique CDR3  
13 unique J



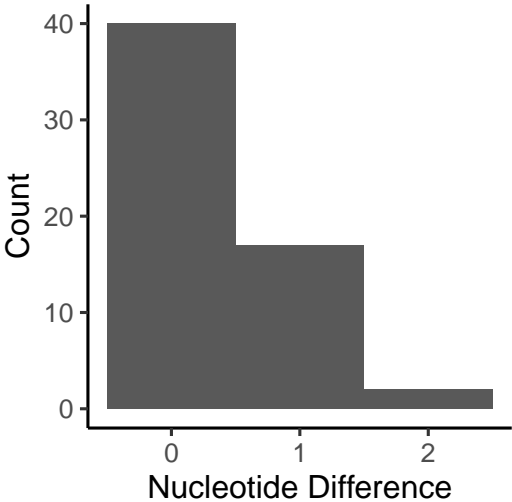
TRBV29–1\*bp01

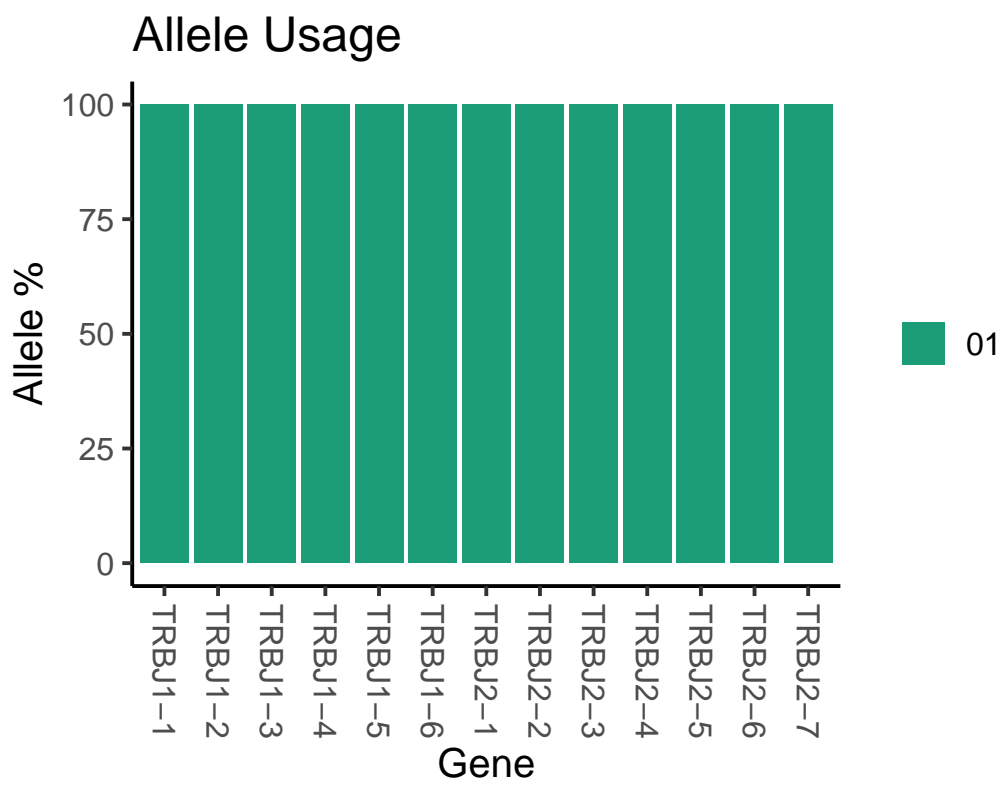
328 sequences assigned  
236 (72%) exact matches, in which:  
194 unique CDR3  
13 unique J



TRBV29–1\*bp03

59 sequences assigned  
40 (67.8%) exact matches, in which:  
33 unique CDR3  
8 unique J







[illegible]