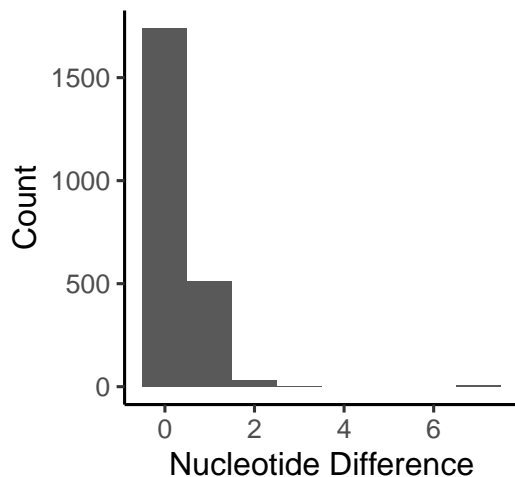


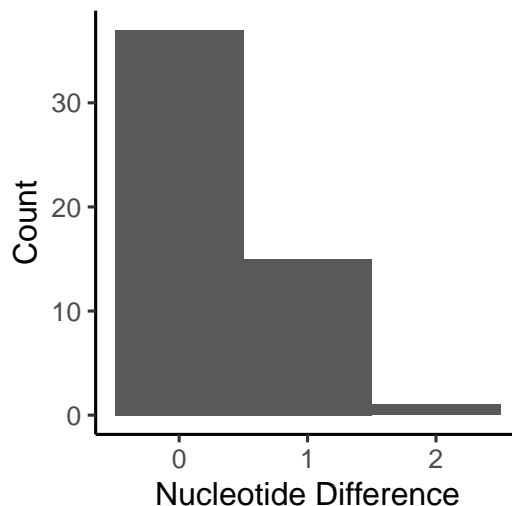
### TRBV20-1\*bp01

2297 sequences assigned  
1739 (75.7%) exact matches, in which:  
1022 unique CDR3  
14 unique J



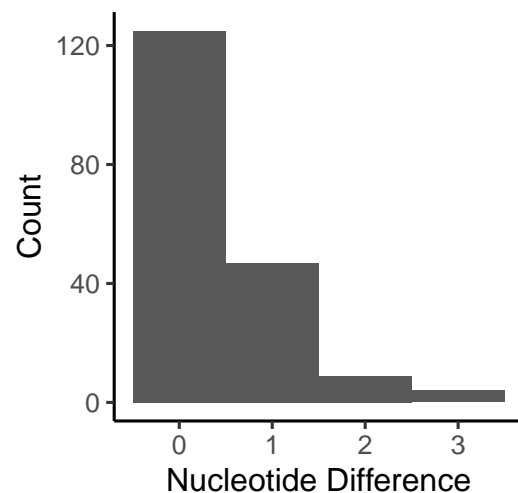
### TRBV10-2\*bp01

53 sequences assigned  
37 (69.8%) exact matches, in which:  
35 unique CDR3  
13 unique J



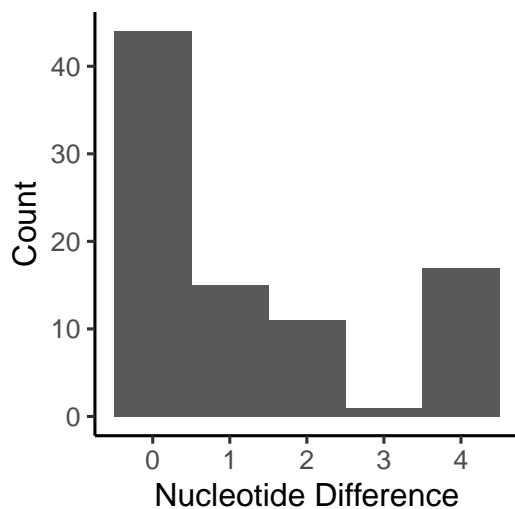
### TRBV13\*bp01

185 sequences assigned  
125 (67.6%) exact matches, in which:  
114 unique CDR3  
13 unique J



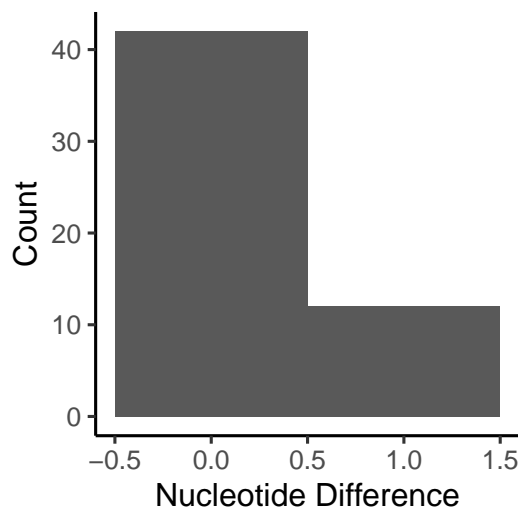
### TRBV10-1\*bp01

88 sequences assigned  
44 (50%) exact matches, in which:  
40 unique CDR3  
11 unique J



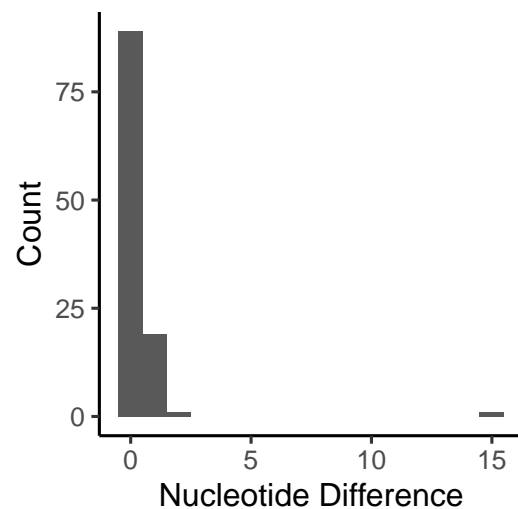
### TRBV10-2\*bp02

54 sequences assigned  
42 (77.8%) exact matches, in which:  
35 unique CDR3  
12 unique J



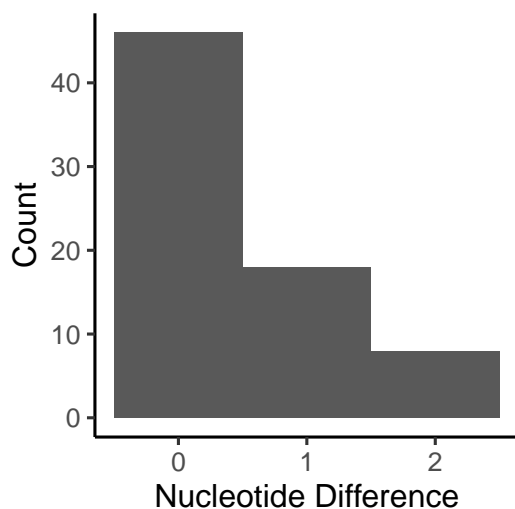
### TRBV14\*bp01

110 sequences assigned  
89 (80.9%) exact matches, in which:  
71 unique CDR3  
13 unique J



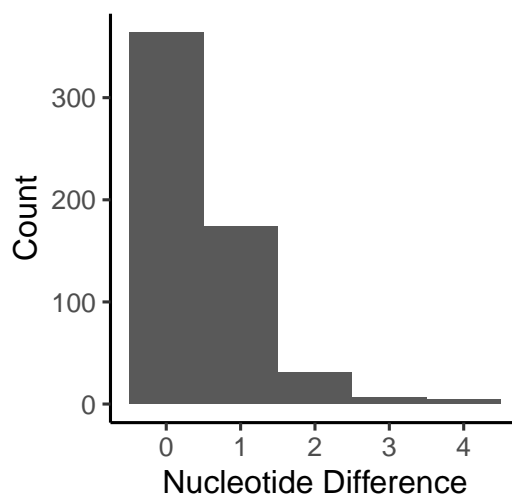
### TRBV10-1\*bp02

72 sequences assigned  
46 (63.9%) exact matches, in which:  
35 unique CDR3  
8 unique J



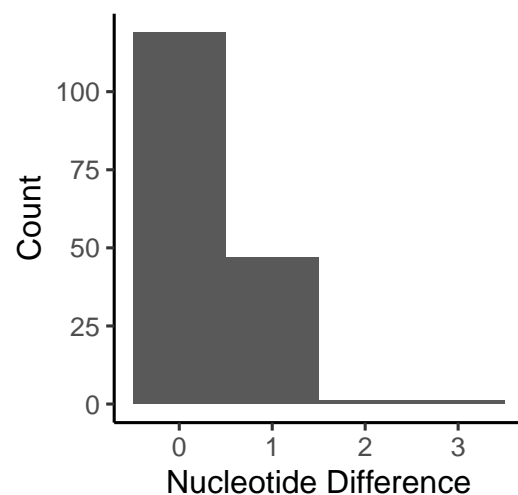
### TRBV10-3\*bp01

579 sequences assigned  
364 (62.9%) exact matches, in which:  
305 unique CDR3  
14 unique J



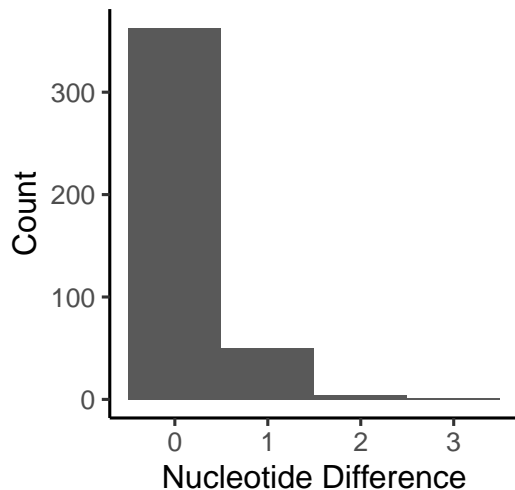
### TRBV15\*bp02

168 sequences assigned  
119 (70.8%) exact matches, in which:  
90 unique CDR3  
12 unique J



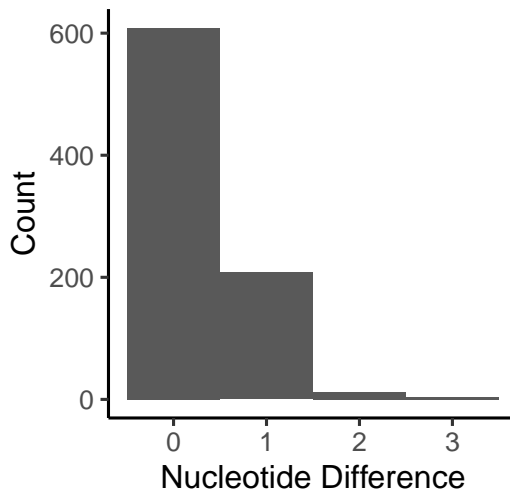
### TRBV18\*bp01

418 sequences assigned  
363 (86.8%) exact matches, in which:  
273 unique CDR3  
14 unique J



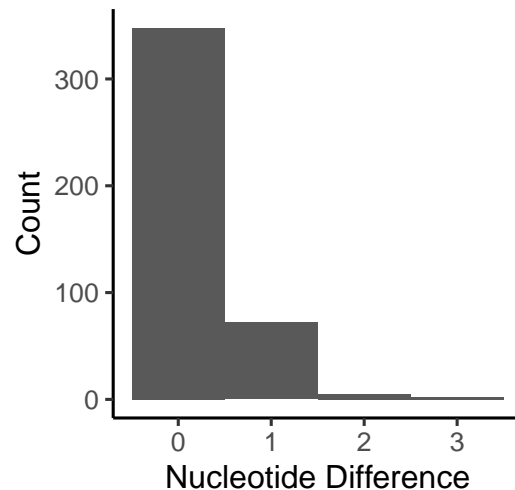
### TRBV27\*bp01

833 sequences assigned  
609 (73.1%) exact matches, in which:  
503 unique CDR3  
13 unique J



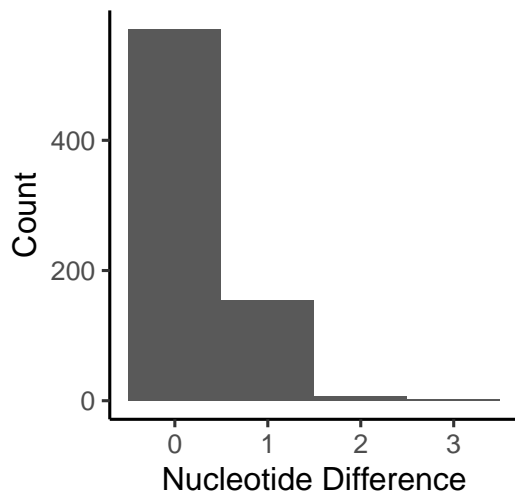
### TRBV30\*bp02

427 sequences assigned  
348 (81.5%) exact matches, in which:  
226 unique CDR3  
14 unique J



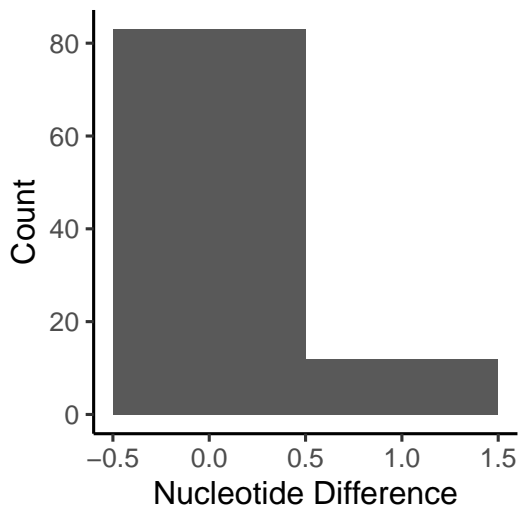
### TRBV19\*bp01

735 sequences assigned  
571 (77.7%) exact matches, in which:  
409 unique CDR3  
14 unique J



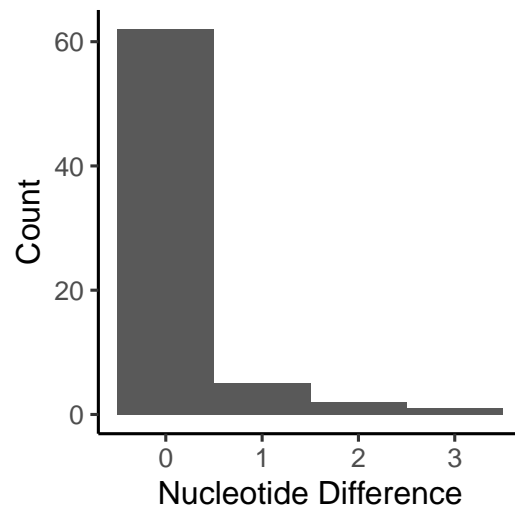
### TRBV28\*bp01

95 sequences assigned  
83 (87.4%) exact matches, in which:  
73 unique CDR3  
10 unique J



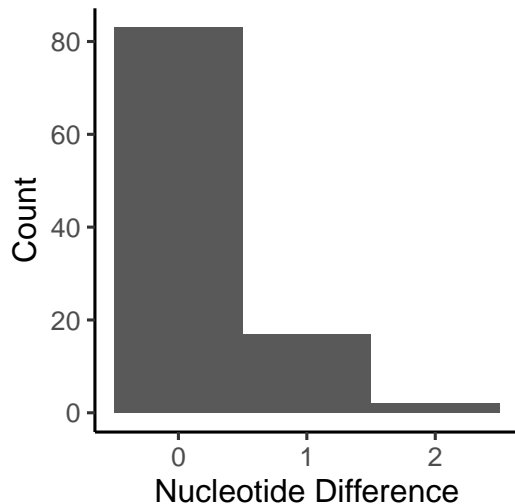
### TRBV9\*bp01

70 sequences assigned  
62 (88.6%) exact matches, in which:  
59 unique CDR3  
13 unique J



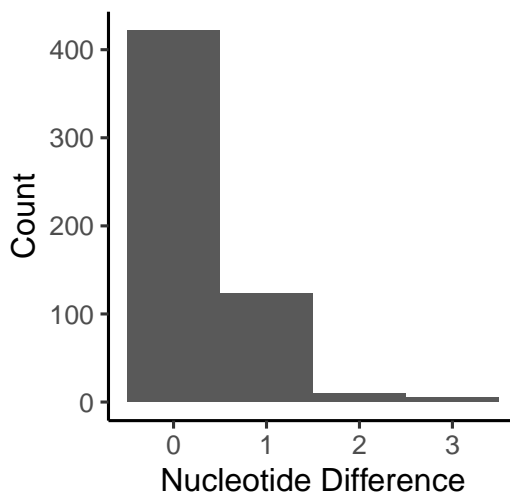
### TRBV2\*bp01

102 sequences assigned  
83 (81.4%) exact matches, in which:  
77 unique CDR3  
14 unique J



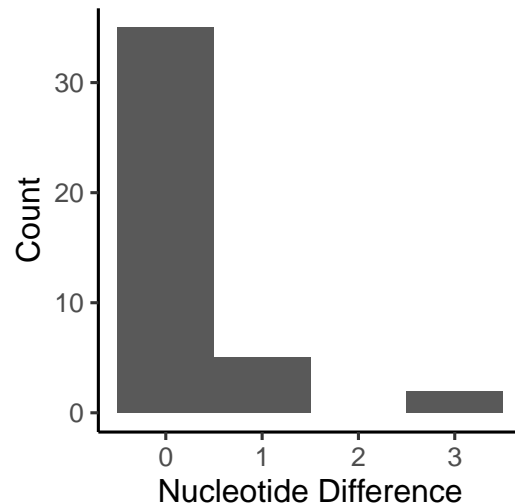
### TRBV30\*bp01

560 sequences assigned  
422 (75.4%) exact matches, in which:  
263 unique CDR3  
13 unique J



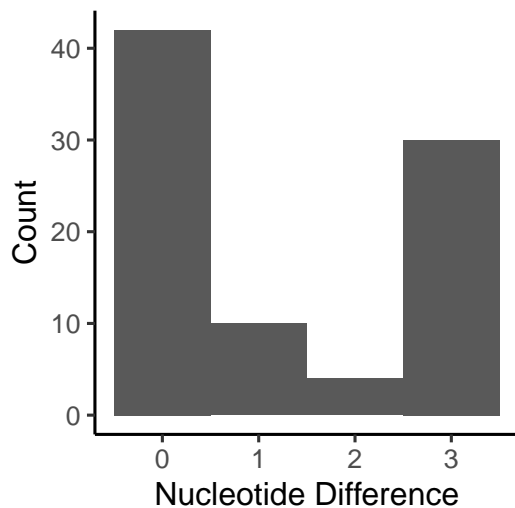
### TRBV9\*bp02

42 sequences assigned  
35 (83.3%) exact matches, in which:  
32 unique CDR3  
12 unique J



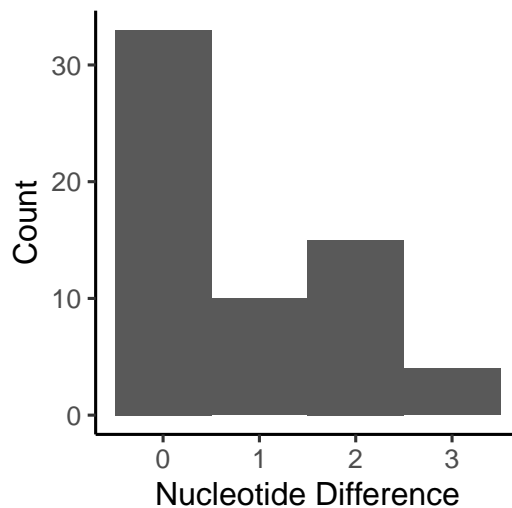
### TRBV11-1\*bp01

86 sequences assigned  
42 (48.8%) exact matches, in which:  
35 unique CDR3  
8 unique J



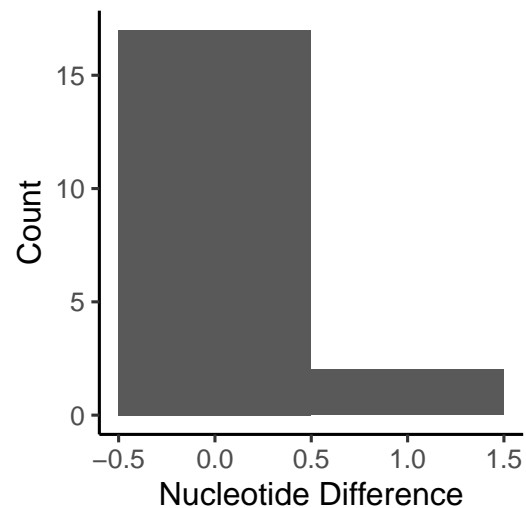
### TRBV11-3\*bp01

62 sequences assigned  
33 (53.2%) exact matches, in which:  
31 unique CDR3  
9 unique J



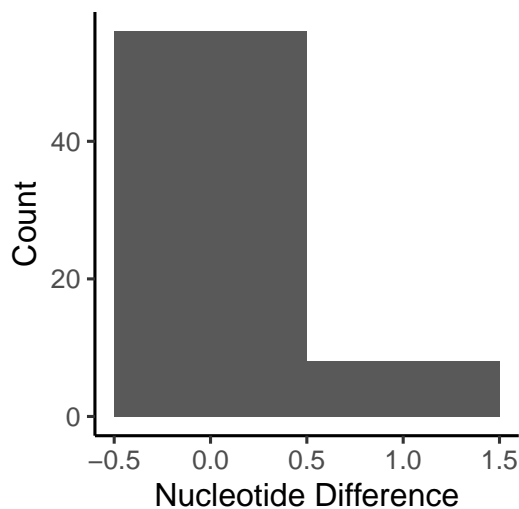
### TRBV23-1\*bp01

19 sequences assigned  
17 (89.5%) exact matches, in which:  
15 unique CDR3  
8 unique J



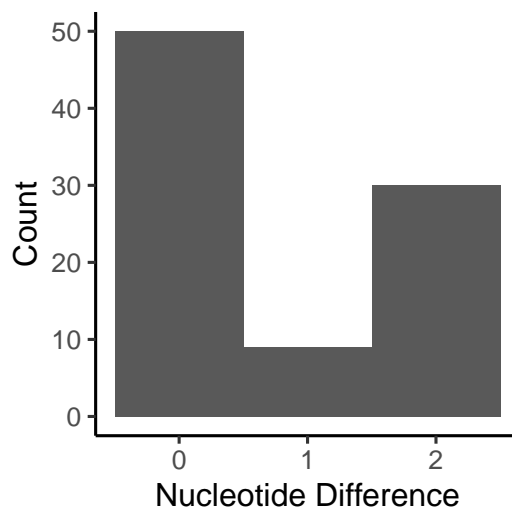
### TRBV21-1\*bp02

64 sequences assigned  
56 (87.5%) exact matches, in which:  
54 unique CDR3  
12 unique J



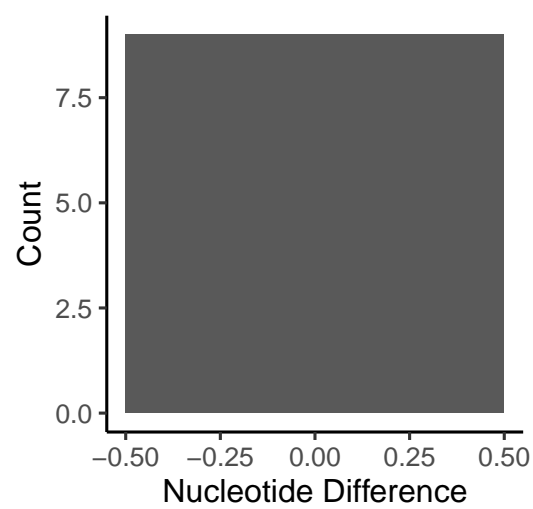
### TRBV12-5\*bp01

89 sequences assigned  
50 (56.2%) exact matches, in which:  
43 unique CDR3  
12 unique J



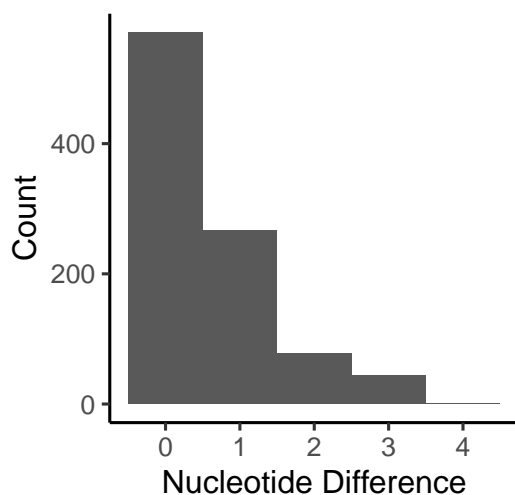
### TRBV3-1\*bp01

9 sequences assigned  
9 (100%) exact matches, in which:  
9 unique CDR3  
5 unique J



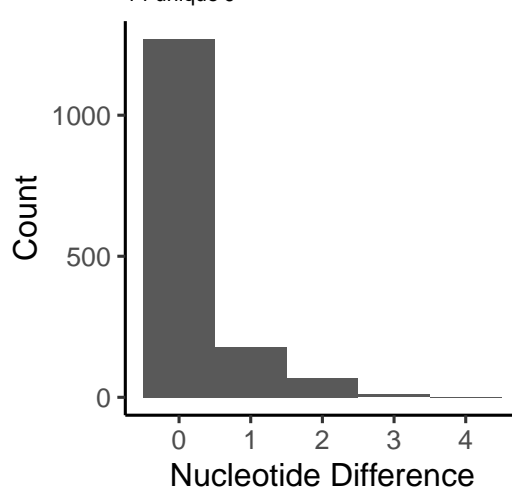
### TRBV11-2\*bp01

960 sequences assigned  
571 (59.5%) exact matches, in which:  
469 unique CDR3  
14 unique J



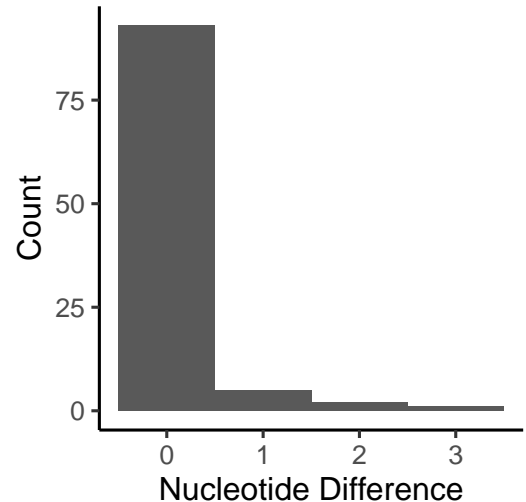
### TRBV12-34\*bp01

1527 sequences assigned  
1270 (83.2%) exact matches, in which:  
756 unique CDR3  
14 unique J



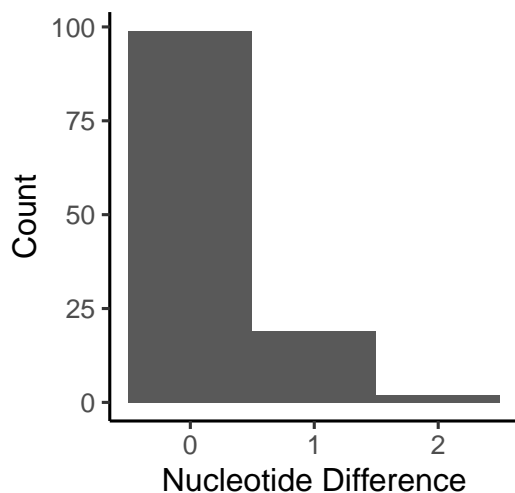
### TRBV4-1\*bp01

101 sequences assigned  
93 (92.1%) exact matches, in which:  
86 unique CDR3  
14 unique J



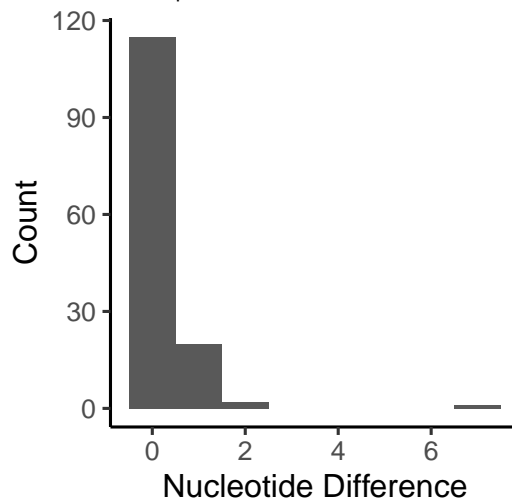
### TRBV24–1\*bp02

120 sequences assigned  
99 (82.5%) exact matches, in which:  
86 unique CDR3  
12 unique J



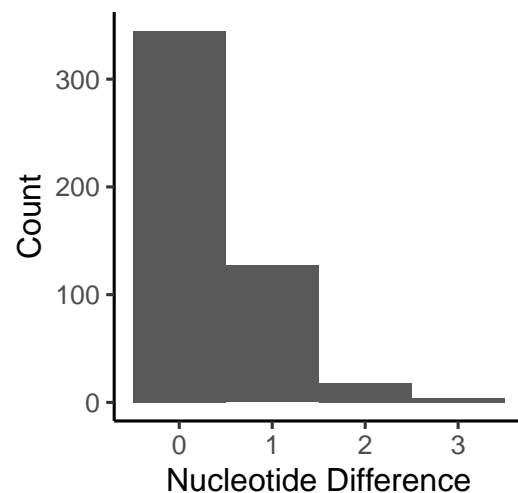
### TRBV25–1\*bp01

138 sequences assigned  
115 (83.3%) exact matches, in which:  
84 unique CDR3  
11 unique J



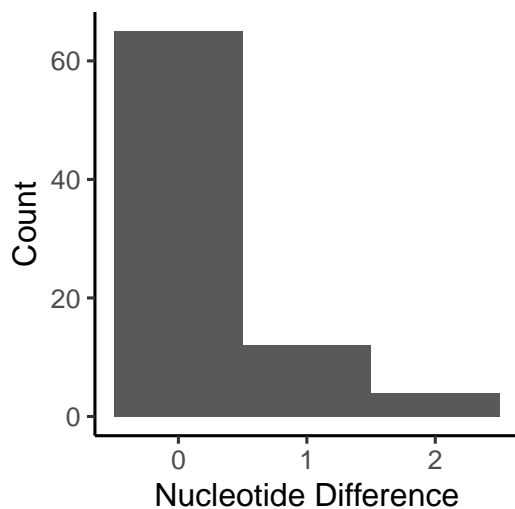
### TRBV5–4\*bp01

494 sequences assigned  
345 (69.8%) exact matches, in which:  
266 unique CDR3  
14 unique J



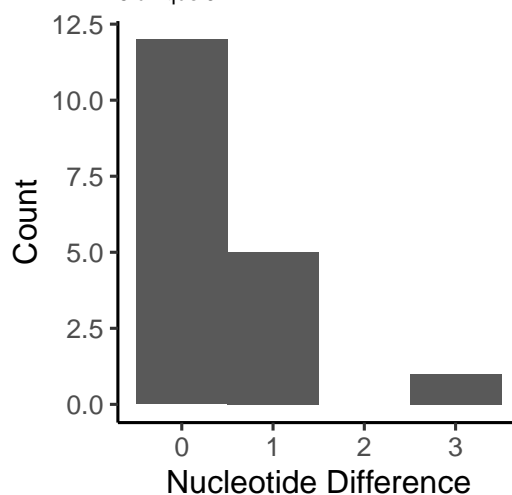
### TRBV4–2\*bp01

81 sequences assigned  
65 (80.2%) exact matches, in which:  
60 unique CDR3  
11 unique J



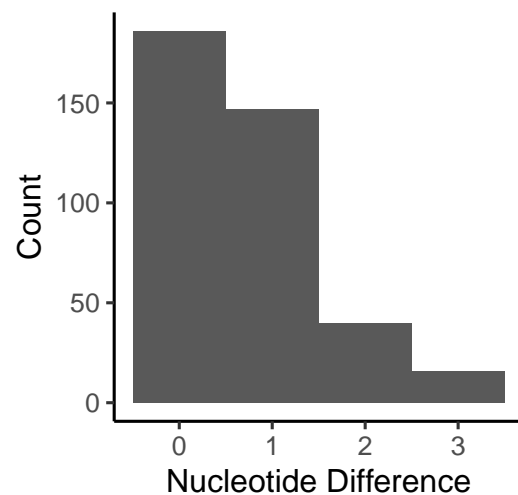
### TRBV5–3\*bp01

18 sequences assigned  
12 (66.7%) exact matches, in which:  
9 unique CDR3  
6 unique J



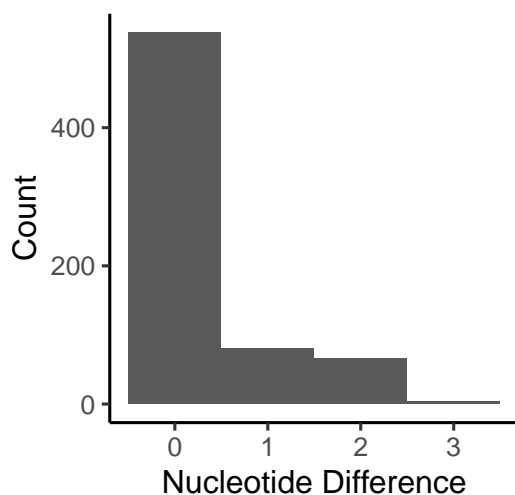
### TRBV5–5\*bp01

389 sequences assigned  
186 (47.8%) exact matches, in which:  
143 unique CDR3  
14 unique J



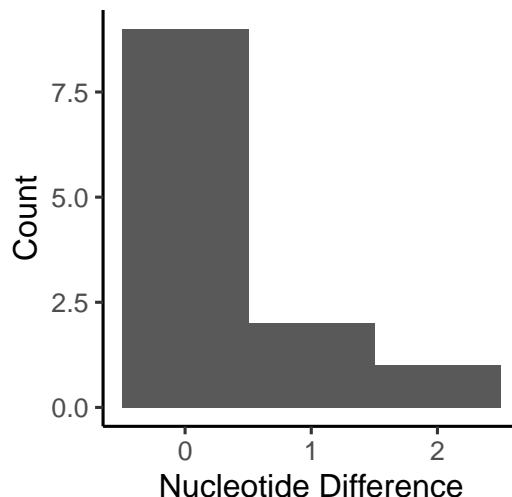
### TRBV5–1\*bp01

688 sequences assigned  
538 (78.2%) exact matches, in which:  
442 unique CDR3  
14 unique J



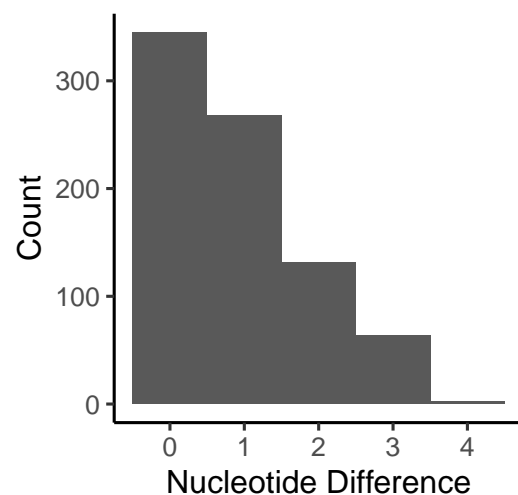
### TRBV5–3\*bp02

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



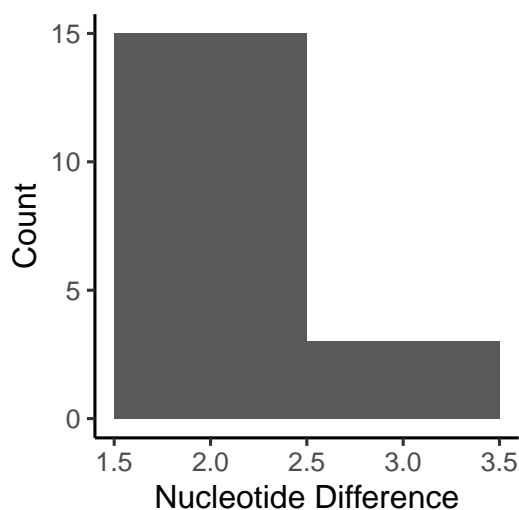
### TRBV5–6\*bp01

810 sequences assigned  
345 (42.6%) exact matches, in which:  
259 unique CDR3  
14 unique J



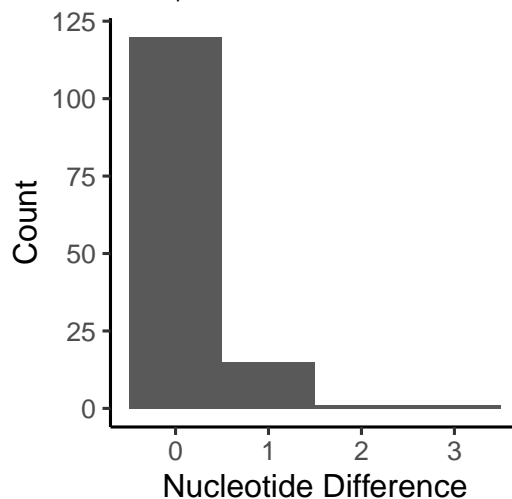
### TRBV5-7\*bp01

18 sequences assigned  
No exact matches.



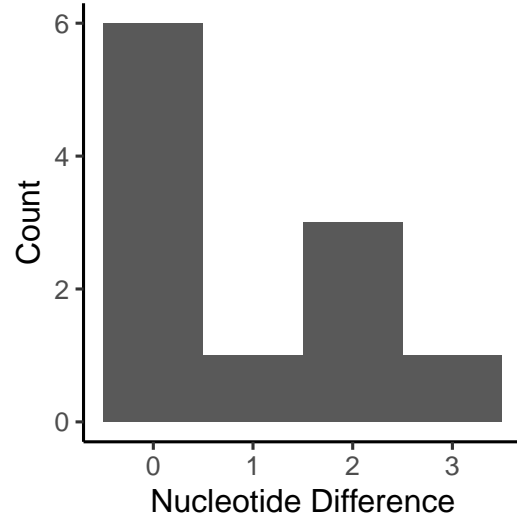
### TRBV6-4\*bp01

137 sequences assigned  
120 (87.6%) exact matches, in which:  
93 unique CDR3  
14 unique J



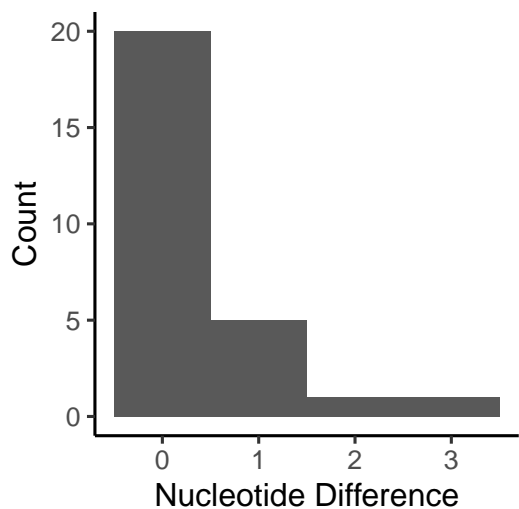
### TRBV6-7\*bp01

11 sequences assigned  
6 (54.5%) exact matches, in which:  
4 unique CDR3  
4 unique J



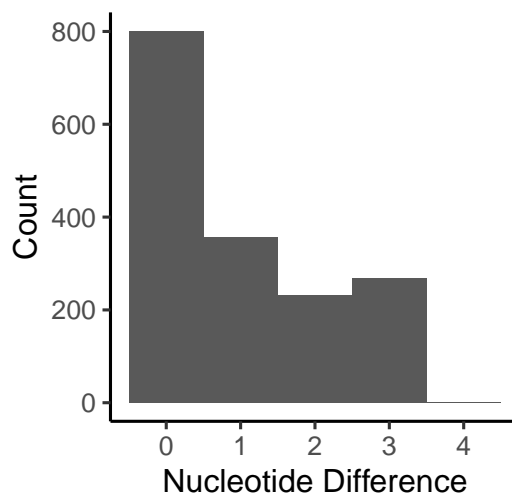
### TRBV5-8\*bp01

27 sequences assigned  
20 (74.1%) exact matches, in which:  
20 unique CDR3  
7 unique J



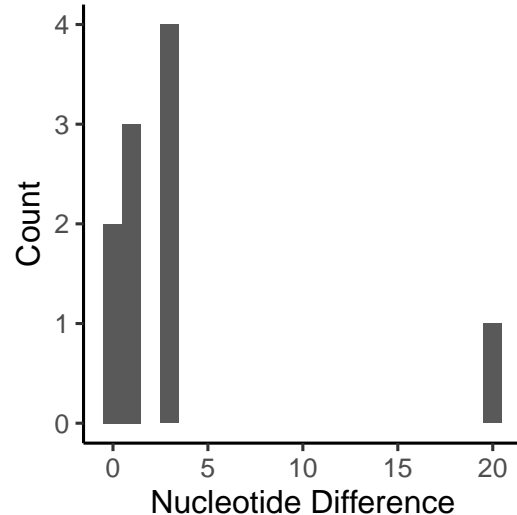
### TRBV6-5\*bp01

1659 sequences assigned  
801 (48.3%) exact matches, in which:  
673 unique CDR3  
14 unique J



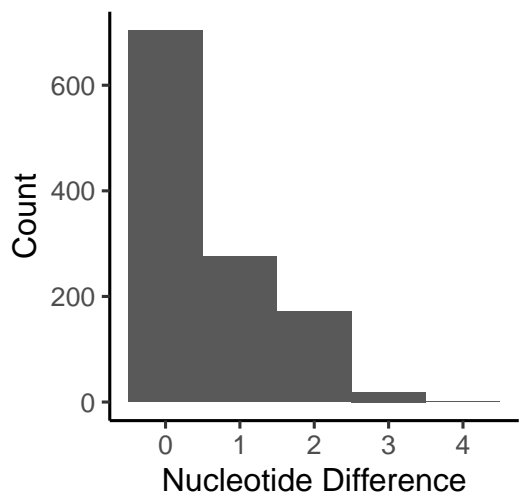
### TRBV6-8\*bp01

10 sequences assigned  
2 (20%) exact matches, in which:  
1 unique CDR3  
1 unique J



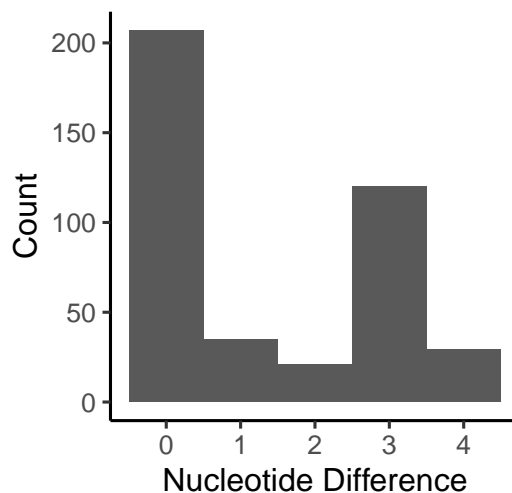
### TRBV6-1\*bp01

1171 sequences assigned  
704 (60.1%) exact matches, in which:  
602 unique CDR3  
14 unique J



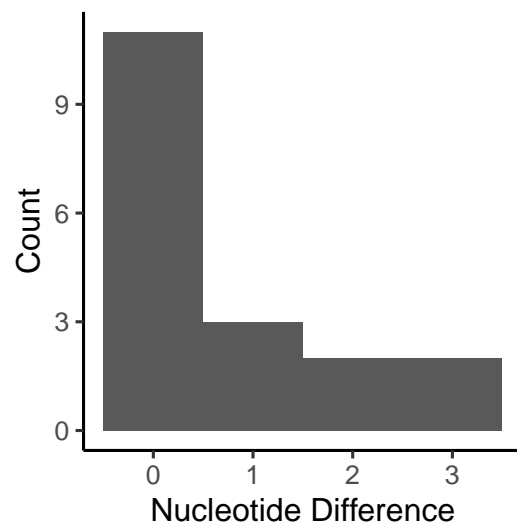
### TRBV6-6\*bp01

412 sequences assigned  
207 (50.2%) exact matches, in which:  
180 unique CDR3  
13 unique J



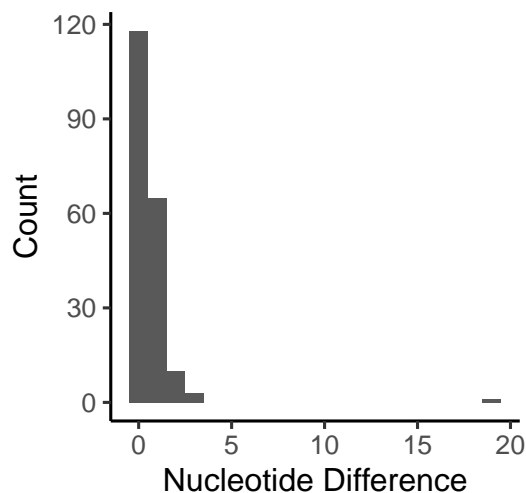
### TRBV6-9\*bp01

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



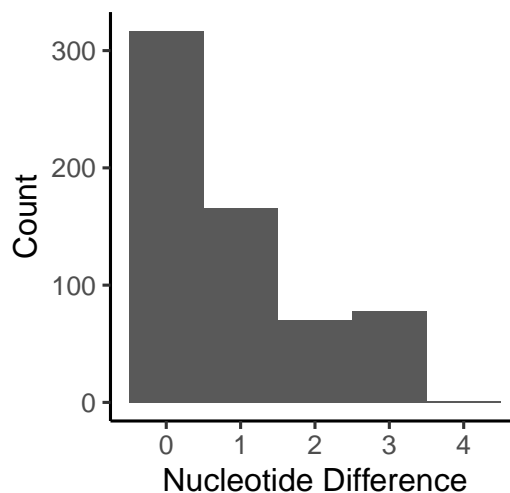
### TRBV6-23\*bp01

197 sequences assigned  
118 (59.9%) exact matches, in which:  
104 unique CDR3  
12 unique J



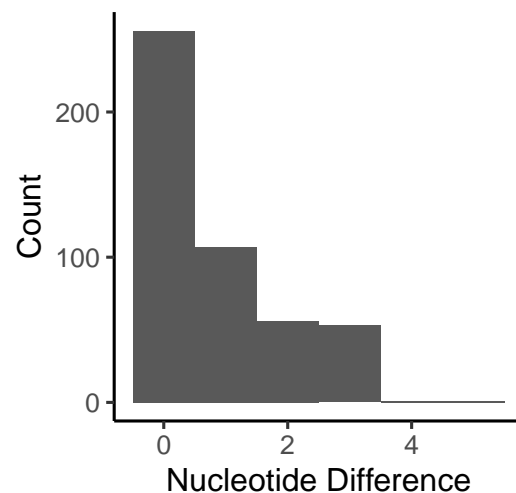
### TRBV7-3\*bp01

632 sequences assigned  
317 (50.2%) exact matches, in which:  
228 unique CDR3  
14 unique J



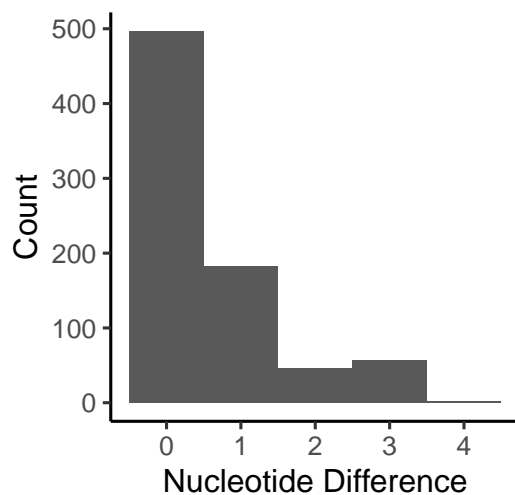
### TRBV7-6\*bp01

474 sequences assigned  
256 (54%) exact matches, in which:  
173 unique CDR3  
14 unique J



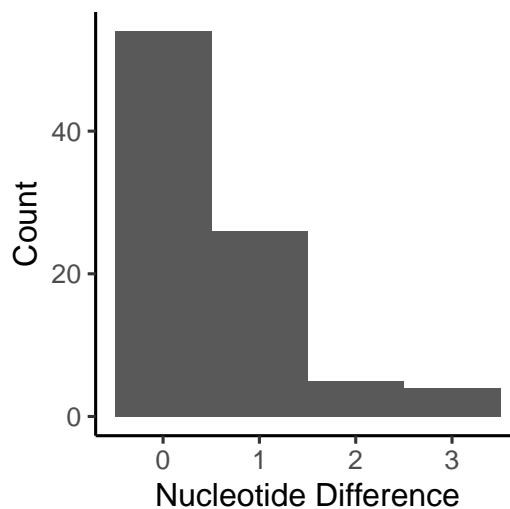
### TRBV7-2\*bp01

784 sequences assigned  
497 (63.4%) exact matches, in which:  
304 unique CDR3  
14 unique J



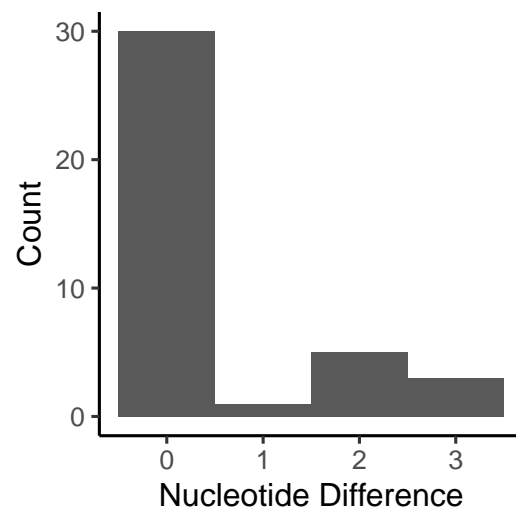
### TRBV7-3\*bp03

89 sequences assigned  
54 (60.7%) exact matches, in which:  
32 unique CDR3  
9 unique J



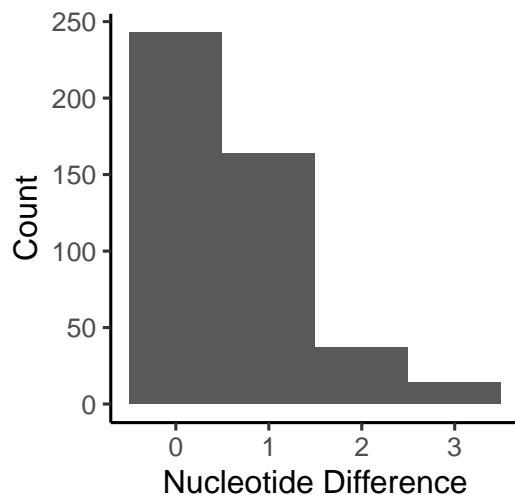
### TRBV7-7\*bp01

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



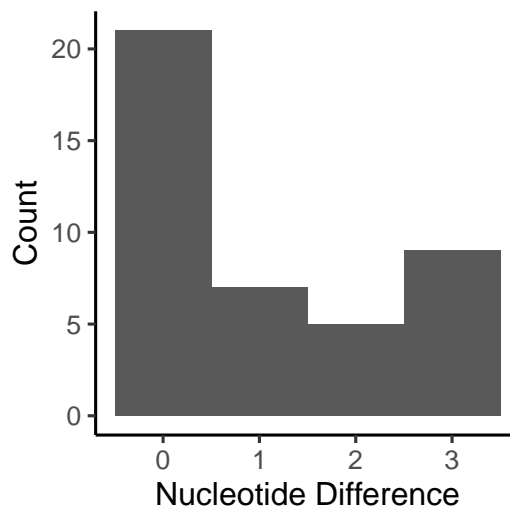
### TRBV7-2\*bp02

458 sequences assigned  
243 (53.1%) exact matches, in which:  
163 unique CDR3  
14 unique J



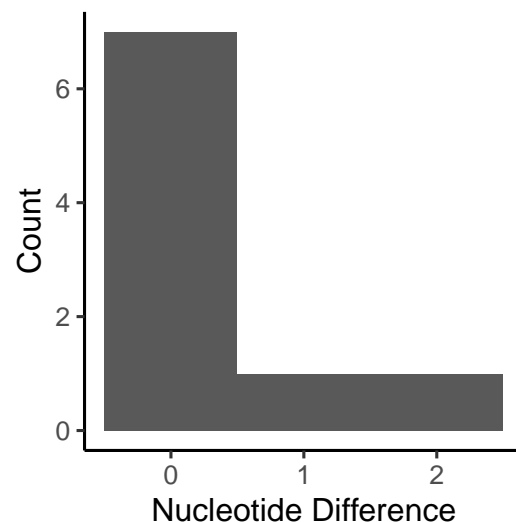
### TRBV7-4\*bp01

42 sequences assigned  
21 (50%) exact matches, in which:  
14 unique CDR3  
7 unique J



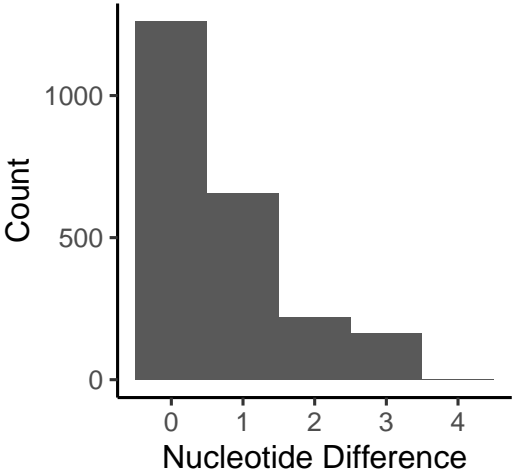
### TRBV7-8\*bp01

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



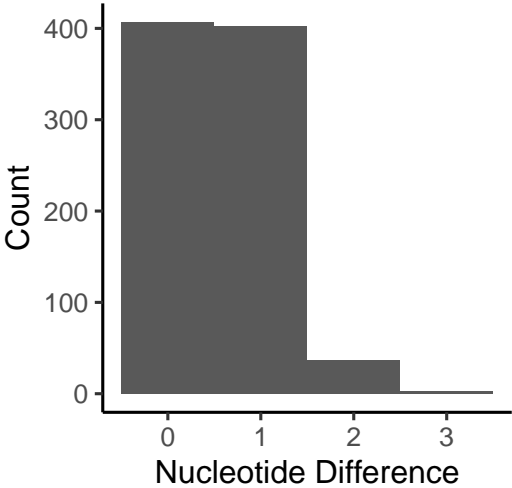
### TRBV7-9\*bp01

2305 sequences assigned  
1261 (54.7%) exact matches, in which:  
834 unique CDR3  
14 unique J



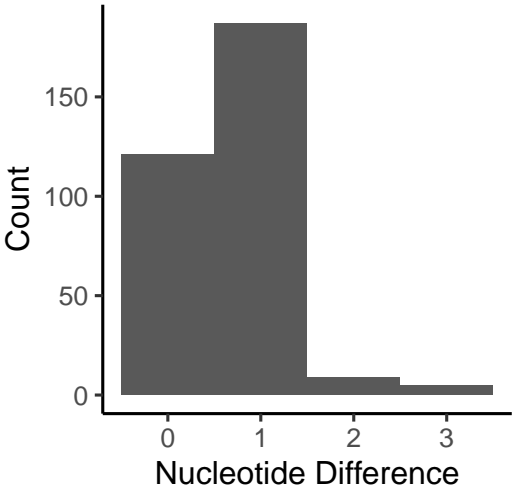
### TRBV29-1\*bp01

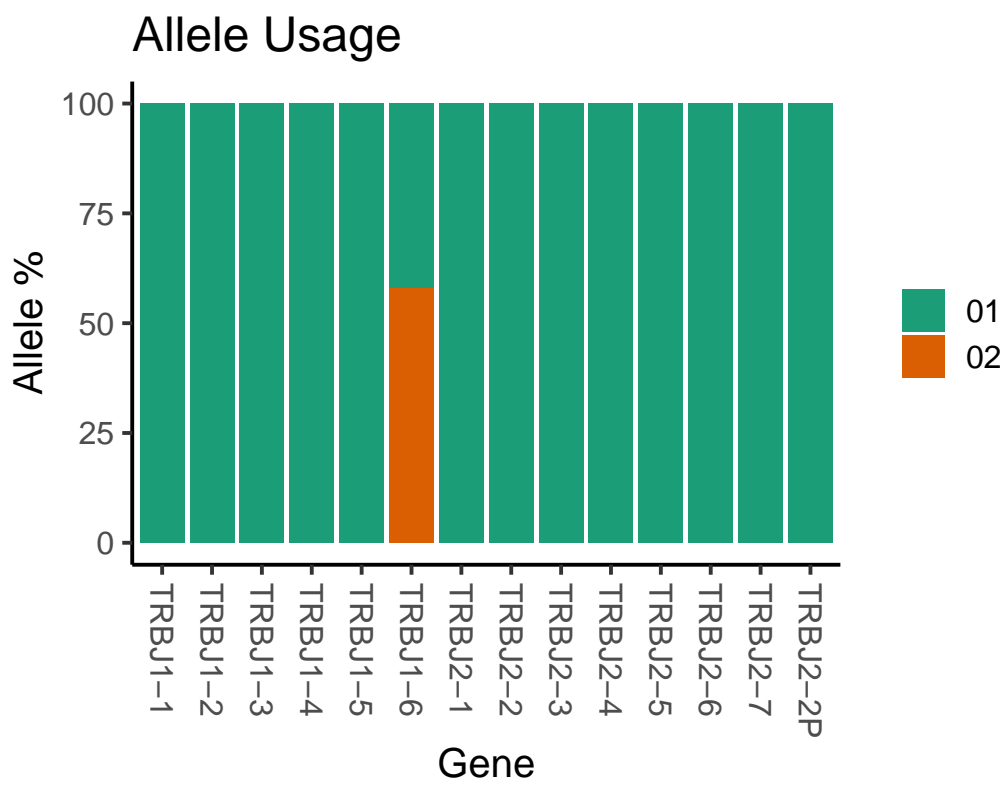
849 sequences assigned  
407 (47.9%) exact matches, in which:  
303 unique CDR3  
13 unique J



### TRBV29-1\*bp03

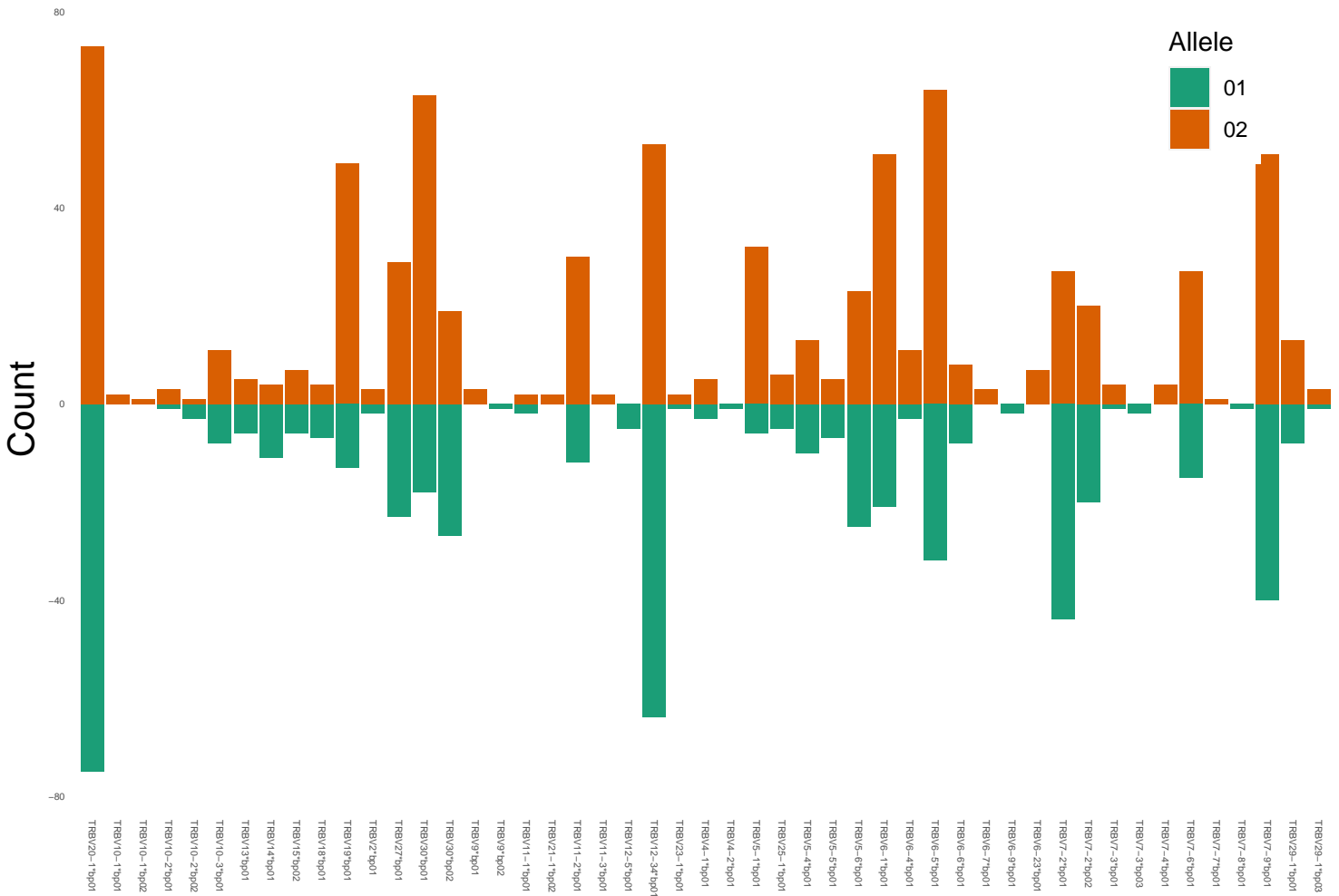
322 sequences assigned  
121 (37.6%) exact matches, in which:  
81 unique CDR3  
9 unique J







Count



[illegible]