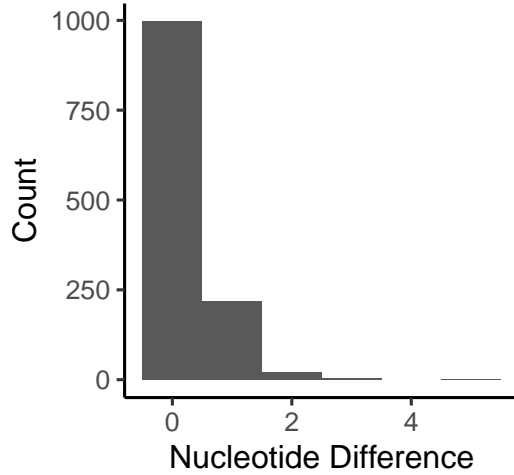


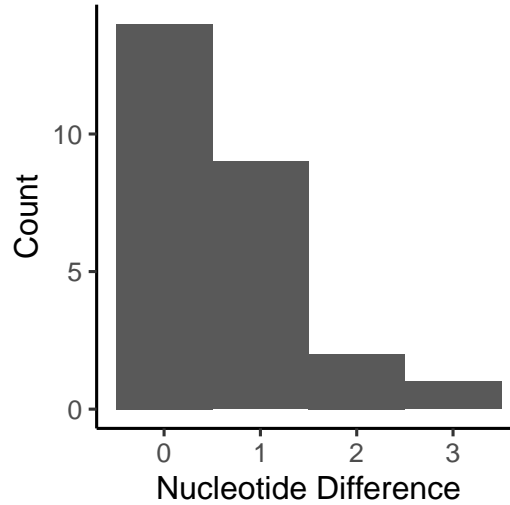
### TRBV20-1\*bp01

1243 sequences assigned  
997 (80.2%) exact matches, in which:  
606 unique CDR3  
13 unique J



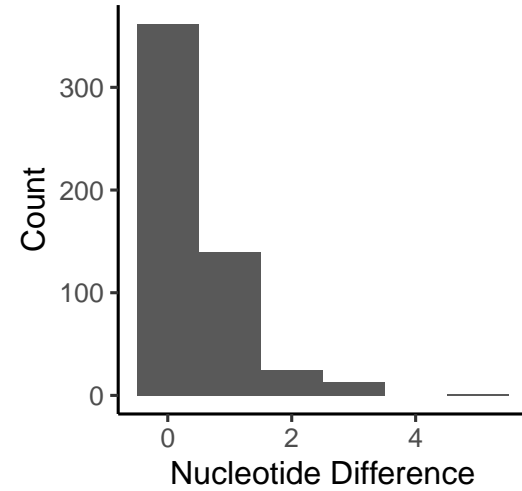
### TRBV10-2\*bp01

26 sequences assigned  
14 (53.8%) exact matches, in which:  
12 unique CDR3  
5 unique J



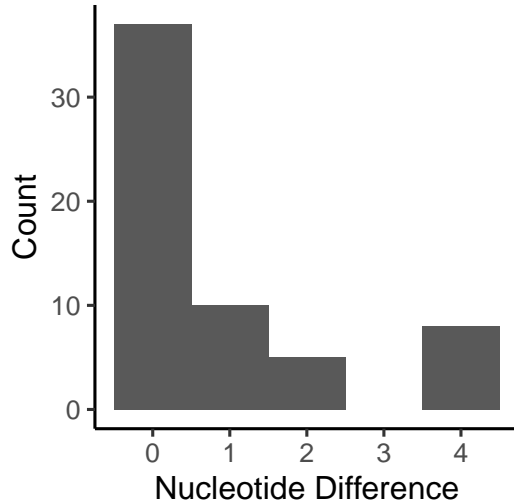
### TRBV13\*bp01

541 sequences assigned  
362 (66.9%) exact matches, in which:  
260 unique CDR3  
13 unique J



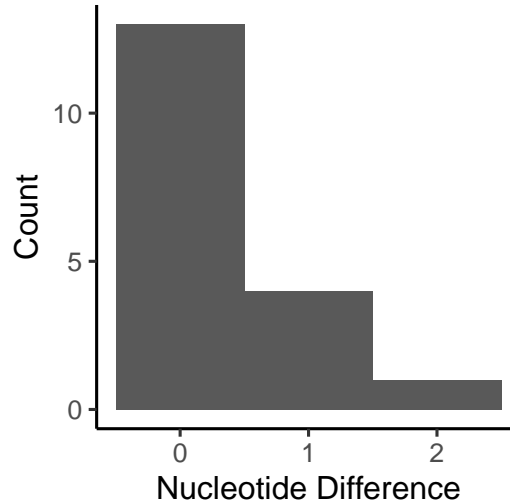
### TRBV10-1\*bp01

60 sequences assigned  
37 (61.7%) exact matches, in which:  
30 unique CDR3  
10 unique J



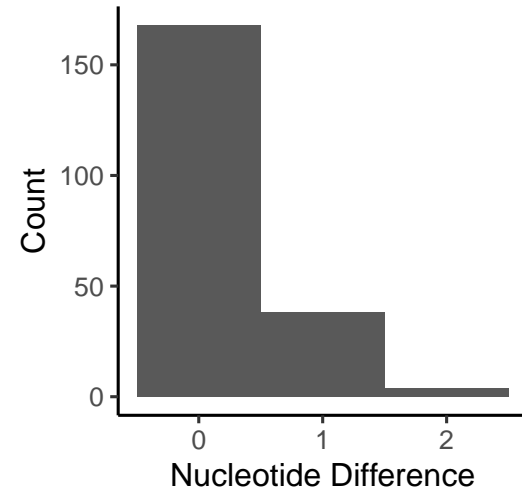
### TRBV10-2\*bp02

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



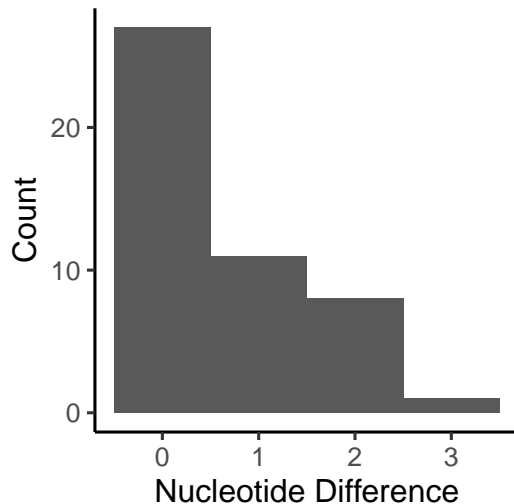
### TRBV14\*bp01

210 sequences assigned  
168 (80%) exact matches, in which:  
115 unique CDR3  
12 unique J



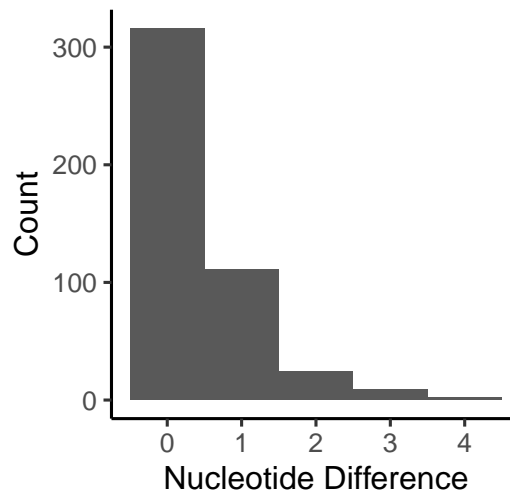
### TRBV10-1\*bp02

47 sequences assigned  
27 (57.4%) exact matches, in which:  
22 unique CDR3  
6 unique J



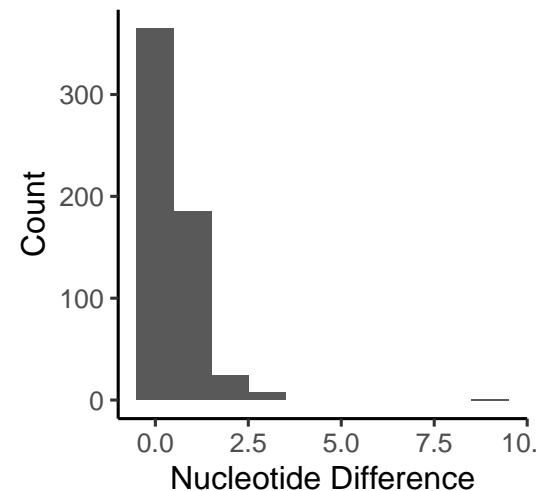
### TRBV10-3\*bp01

462 sequences assigned  
316 (68.4%) exact matches, in which:  
234 unique CDR3  
13 unique J



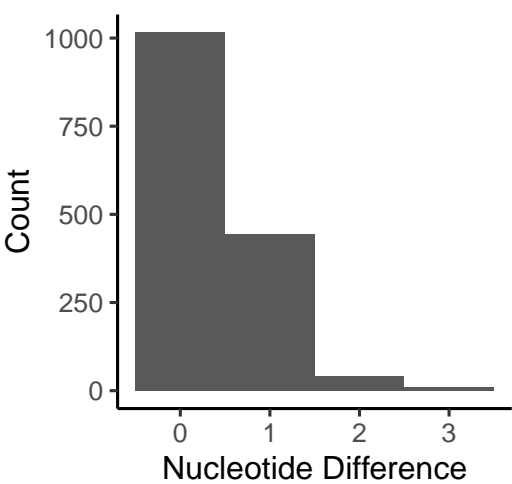
### TRBV15\*bp02

582 sequences assigned  
365 (62.7%) exact matches, in which:  
203 unique CDR3  
13 unique J



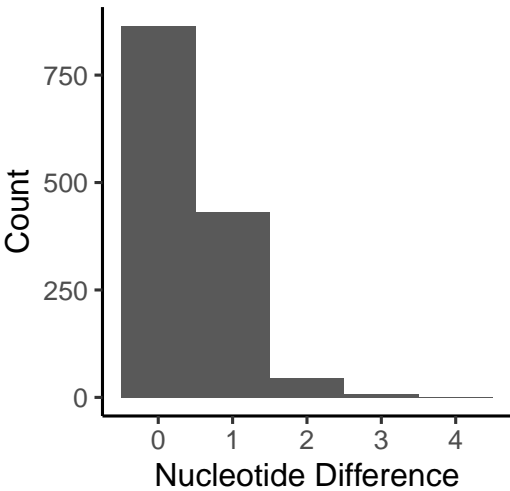
TRBV18\*bp01

1511 sequences assigned  
1016 (67.2%) exact matches, in which:  
529 unique CDR3  
13 unique J



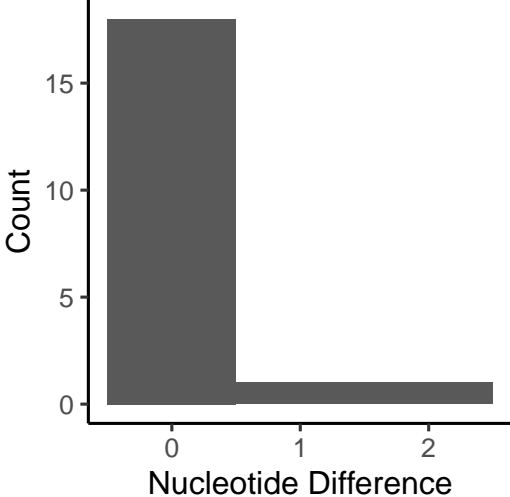
TRBV27\*bp01

1349 sequences assigned  
865 (64.1%) exact matches, in which:  
613 unique CDR3  
13 unique J



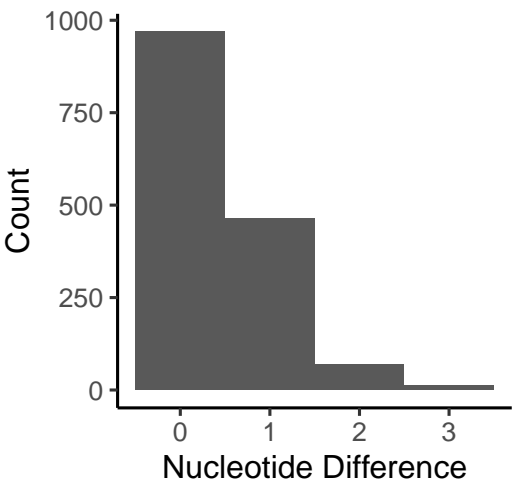
TRBV9\*bp01

20 sequences assigned  
18 (90%) exact matches, in which:  
16 unique CDR3  
7 unique J



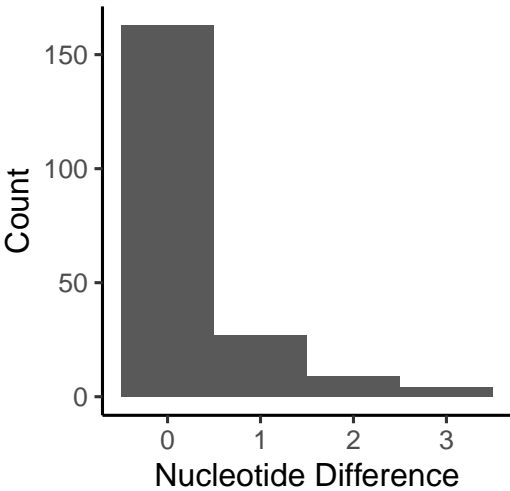
TRBV19\*bp01

1513 sequences assigned  
969 (64%) exact matches, in which:  
577 unique CDR3  
13 unique J



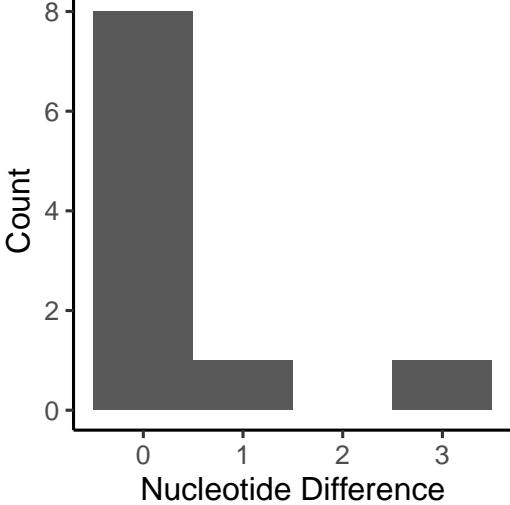
TRBV28\*bp01

203 sequences assigned  
163 (80.3%) exact matches, in which:  
141 unique CDR3  
13 unique J



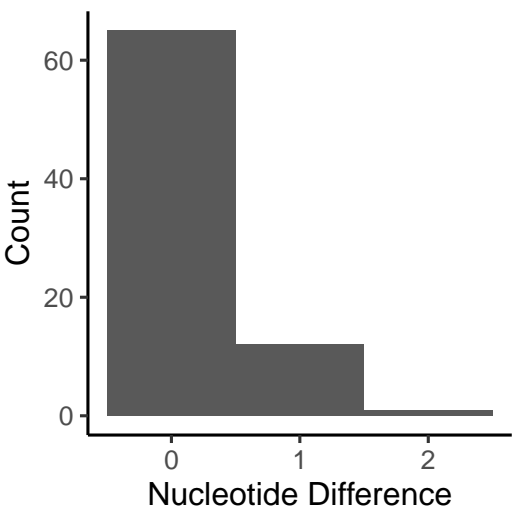
TRBV9\*bp02

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



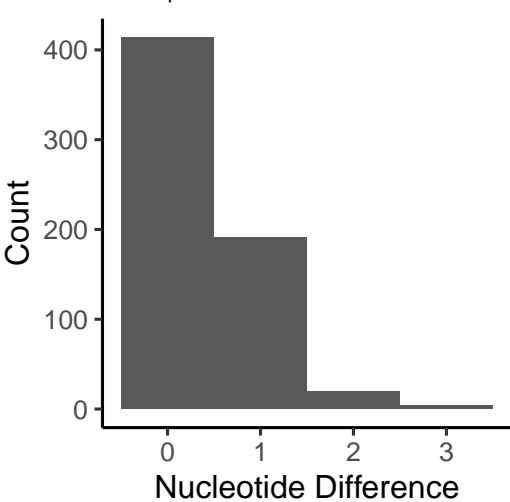
TRBV2\*bp01

78 sequences assigned  
65 (83.3%) exact matches, in which:  
61 unique CDR3  
11 unique J



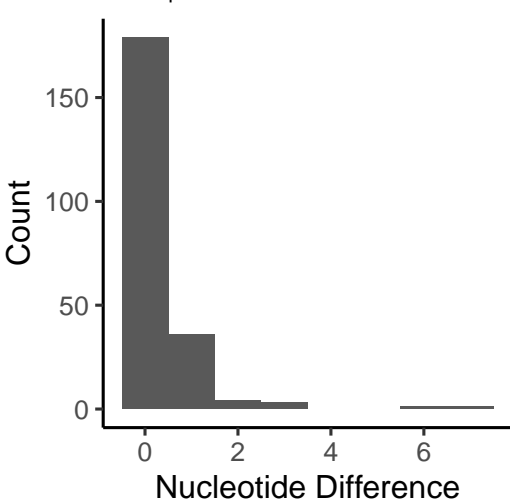
TRBV30\*bp01

629 sequences assigned  
414 (65.8%) exact matches, in which:  
186 unique CDR3  
13 unique J



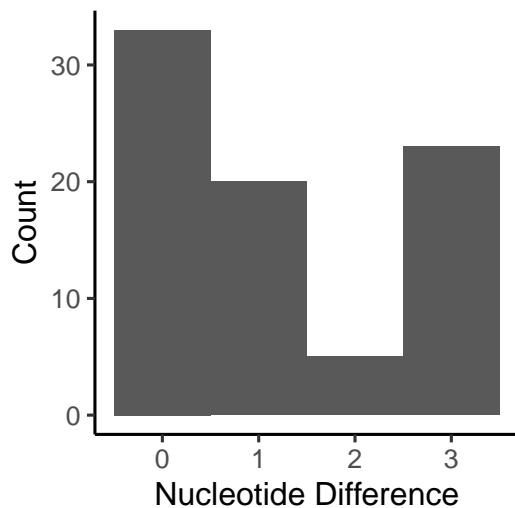
TRBV21-1\*bp01

224 sequences assigned  
179 (79.9%) exact matches, in which:  
143 unique CDR3  
13 unique J



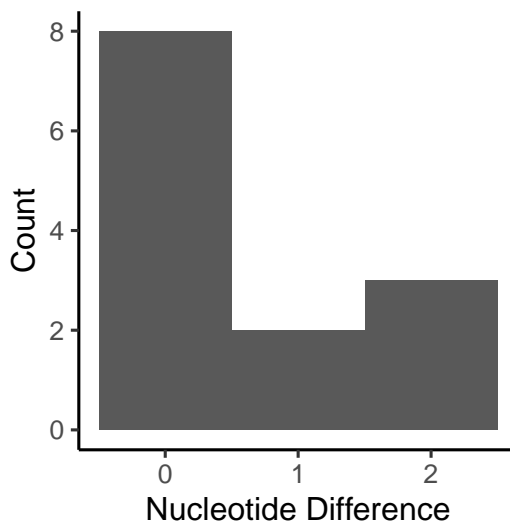
### TRBV11-1\*bp01

81 sequences assigned  
33 (40.7%) exact matches, in which:  
23 unique CDR3  
8 unique J



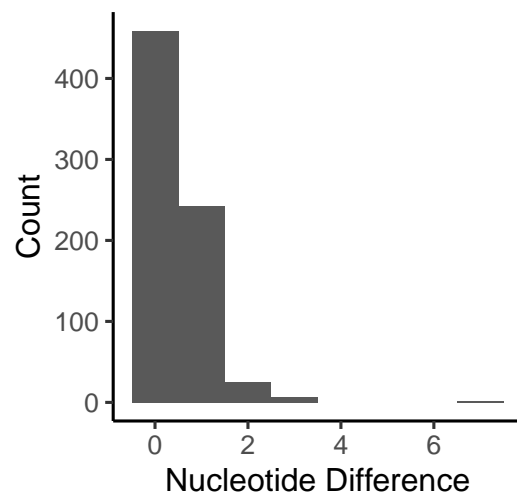
### TRBV12-5\*bp01

13 sequences assigned  
8 (61.5%) exact matches, in which:  
7 unique CDR3  
5 unique J



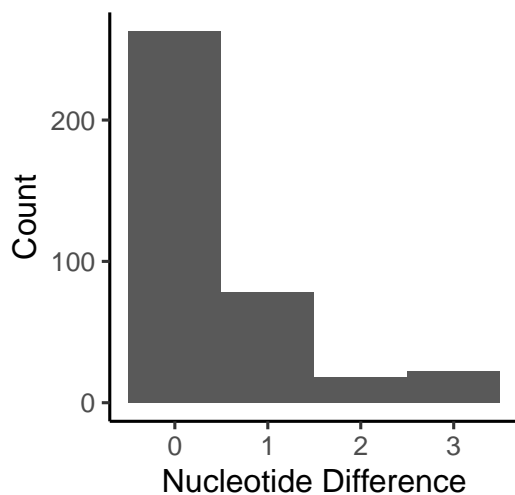
### TRBV24-1\*bp01

736 sequences assigned  
459 (62.4%) exact matches, in which:  
319 unique CDR3  
13 unique J



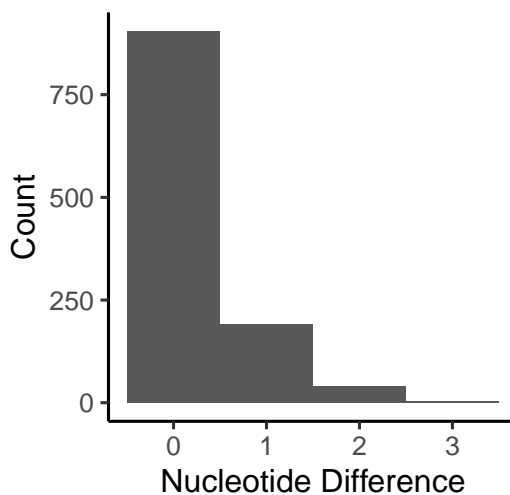
### TRBV11-2\*bp01

381 sequences assigned  
263 (69%) exact matches, in which:  
203 unique CDR3  
13 unique J



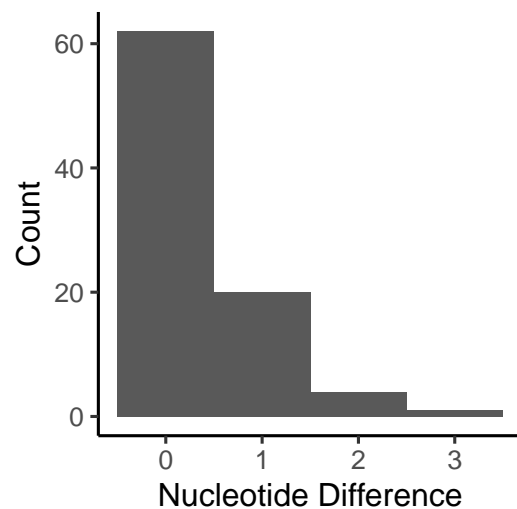
### TRBV12-34\*bp01

1140 sequences assigned  
905 (79.4%) exact matches, in which:  
508 unique CDR3  
13 unique J



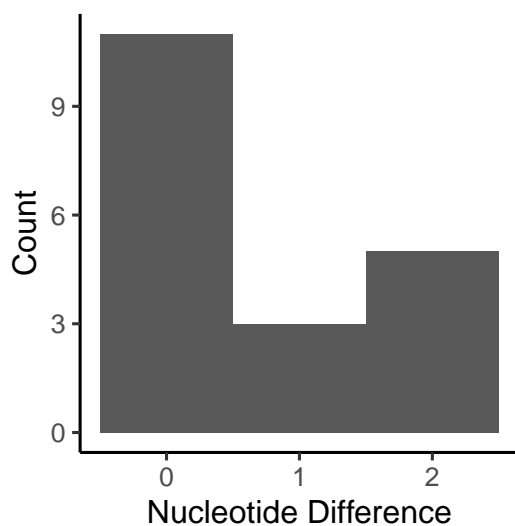
### TRBV4-1\*bp01

87 sequences assigned  
62 (71.3%) exact matches, in which:  
57 unique CDR3  
10 unique J



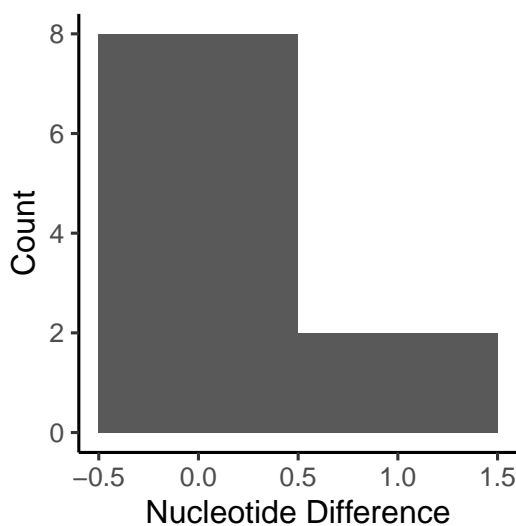
### TRBV11-3\*bp01

19 sequences assigned  
11 (57.9%) exact matches, in which:  
11 unique CDR3  
6 unique J



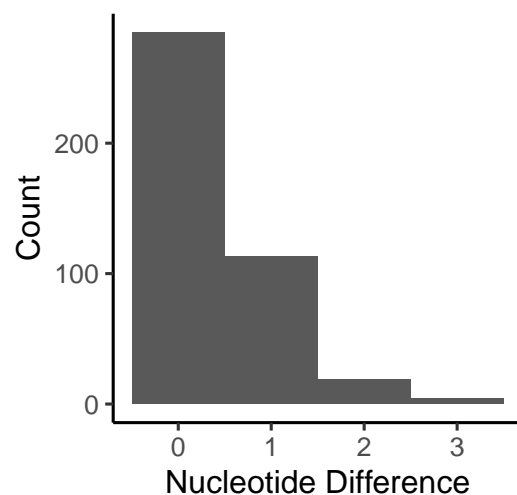
### TRBV23-1\*bp01

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



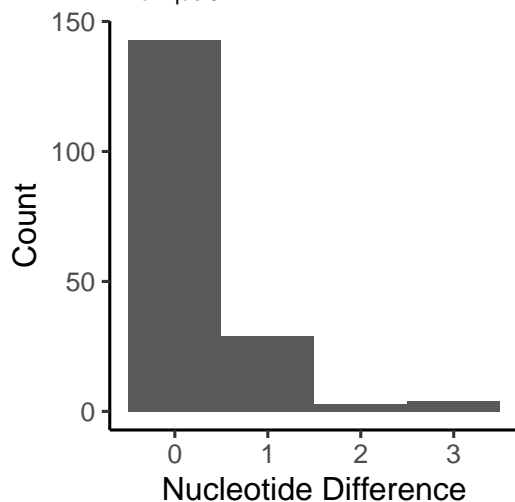
### TRBV4-2\*bp01

421 sequences assigned  
285 (67.7%) exact matches, in which:  
221 unique CDR3  
12 unique J



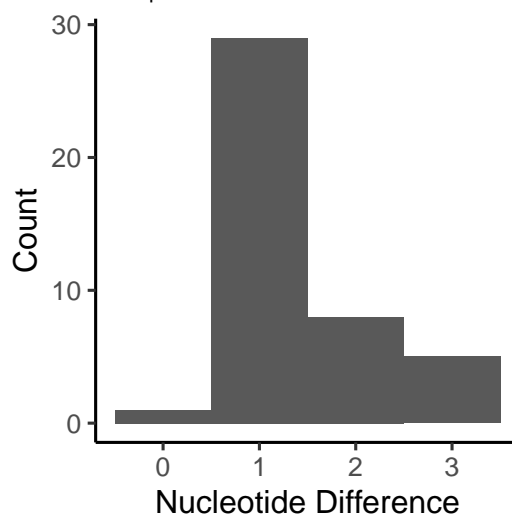
### TRBV4-3\*bp01

179 sequences assigned  
143 (79.9%) exact matches, in which:  
116 unique CDR3  
12 unique J



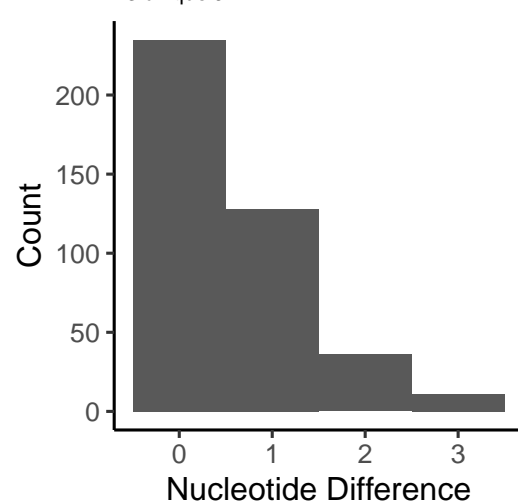
### TRBV5-3\*bp01

43 sequences assigned  
1 (2.3%) exact matches, in which:  
1 unique CDR3  
1 unique J



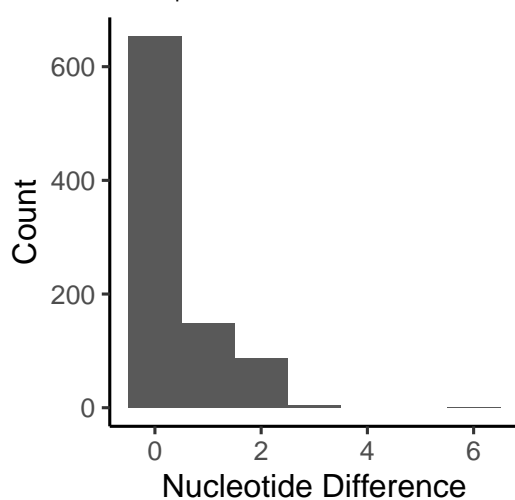
### TRBV5-5\*bp01

410 sequences assigned  
235 (57.3%) exact matches, in which:  
148 unique CDR3  
13 unique J



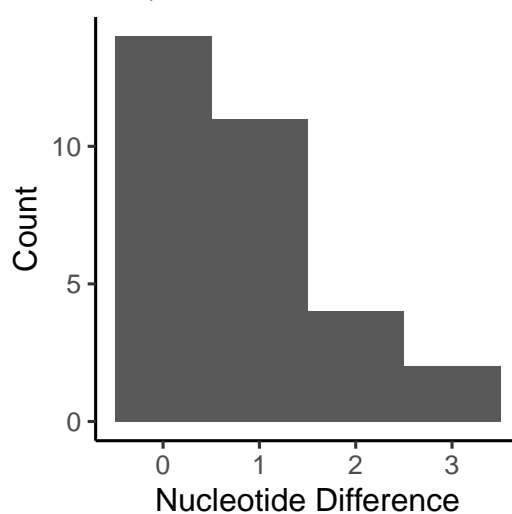
### TRBV5-1\*bp01

895 sequences assigned  
654 (73.1%) exact matches, in which:  
441 unique CDR3  
13 unique J



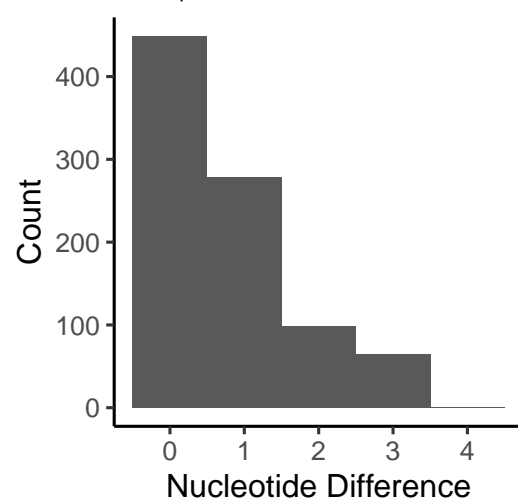
### TRBV5-3\*bp02

31 sequences assigned  
14 (45.2%) exact matches, in which:  
11 unique CDR3  
7 unique J



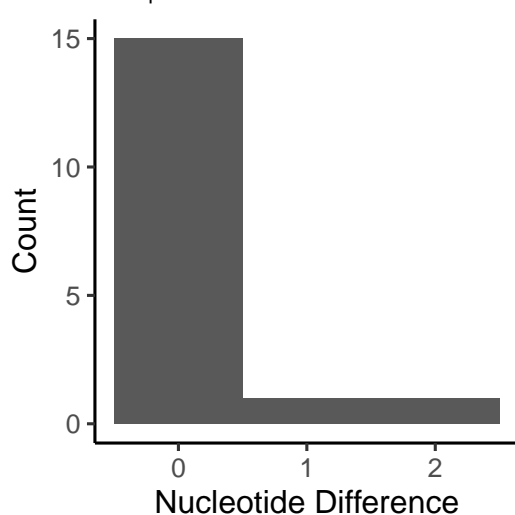
### TRBV5-6\*bp01

891 sequences assigned  
449 (50.4%) exact matches, in which:  
265 unique CDR3  
12 unique J



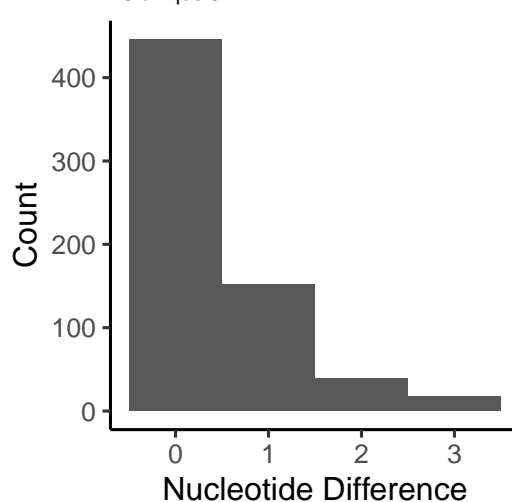
### TRBV25-1\*bp01

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



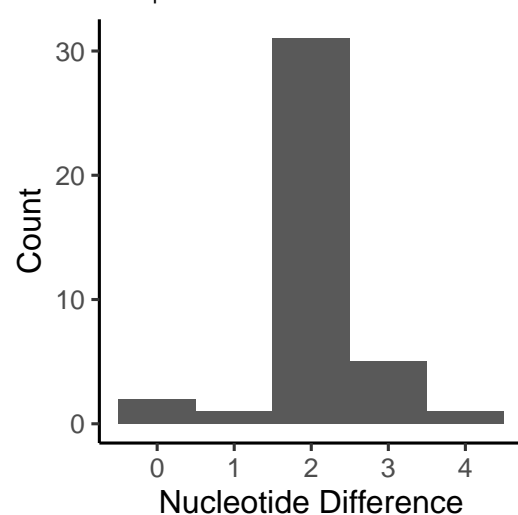
### TRBV5-4\*bp01

654 sequences assigned  
446 (68.2%) exact matches, in which:  
288 unique CDR3  
13 unique J



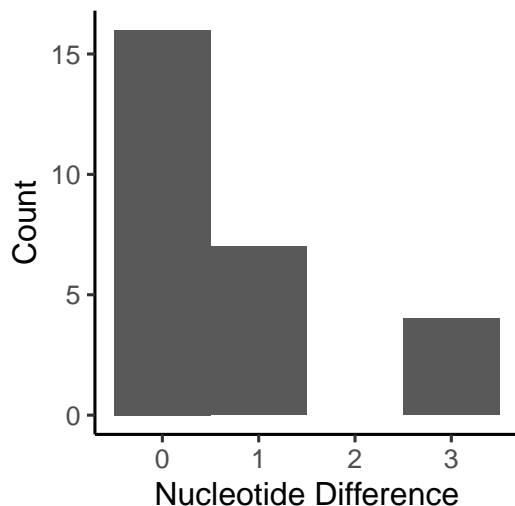
### TRBV5-7\*bp01

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



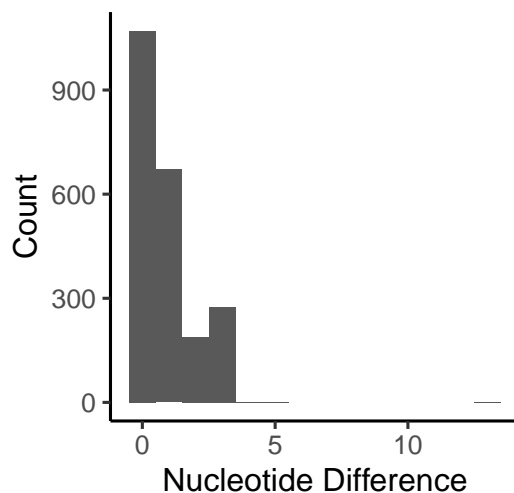
### TRBV5–8\*bp01

27 sequences assigned  
16 (59.3%) exact matches, in which:  
14 unique CDR3  
9 unique J



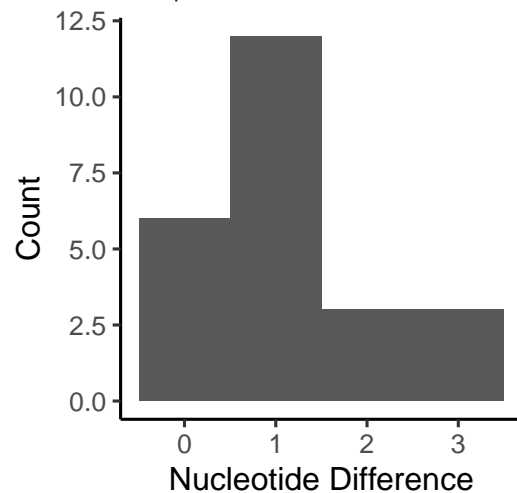
### TRBV6–5\*bp01

2208 sequences assigned  
1071 (48.5%) exact matches, in which:  
815 unique CDR3  
13 unique J



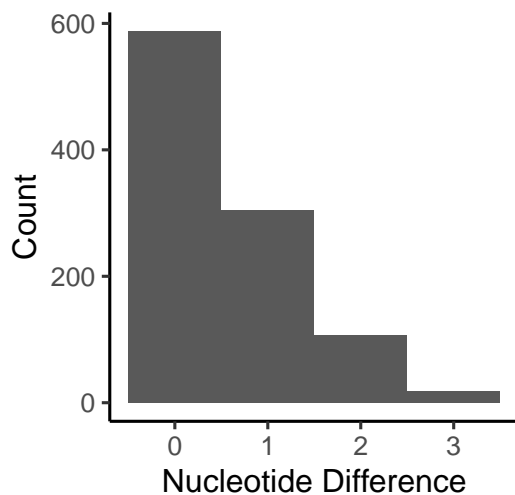
### TRBV6–8\*bp01

24 sequences assigned  
6 (25%) exact matches, in which:  
5 unique CDR3  
3 unique J



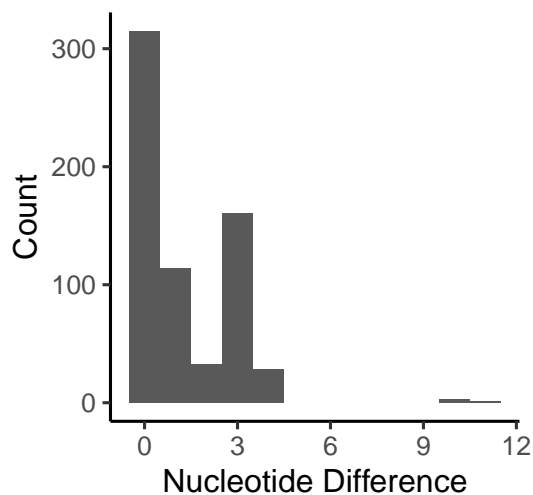
### TRBV6–1\*bp01

1018 sequences assigned  
588 (57.8%) exact matches, in which:  
465 unique CDR3  
13 unique J



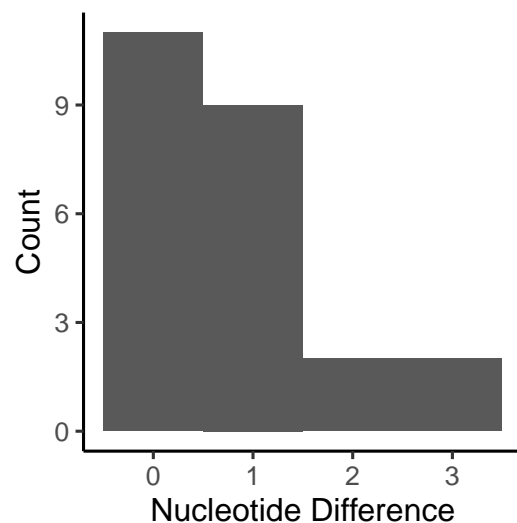
### TRBV6–6\*bp01

655 sequences assigned  
315 (48.1%) exact matches, in which:  
244 unique CDR3  
12 unique J



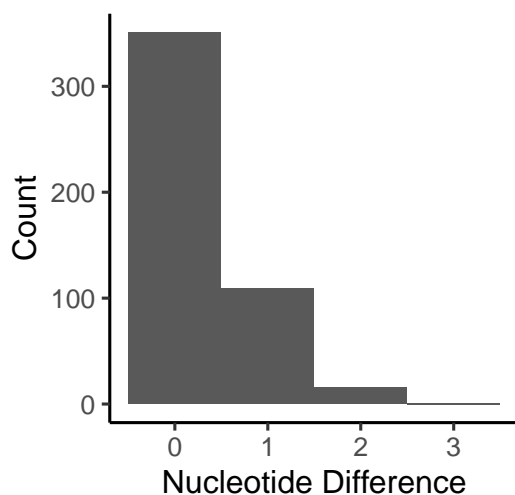
### TRBV6–9\*bp01

24 sequences assigned  
11 (45.8%) exact matches, in which:  
6 unique CDR3  
6 unique J



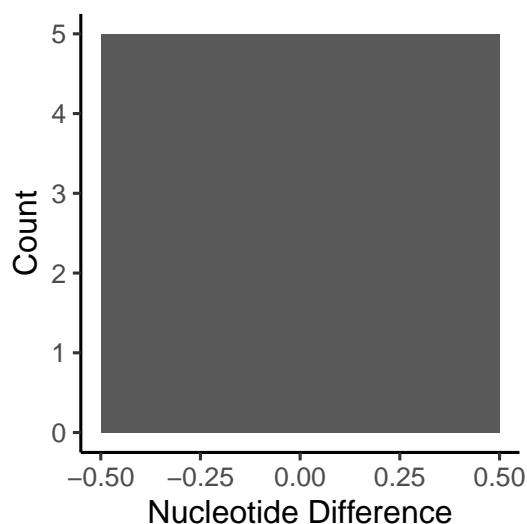
### TRBV6–4\*bp01

477 sequences assigned  
351 (73.6%) exact matches, in which:  
243 unique CDR3  
13 unique J



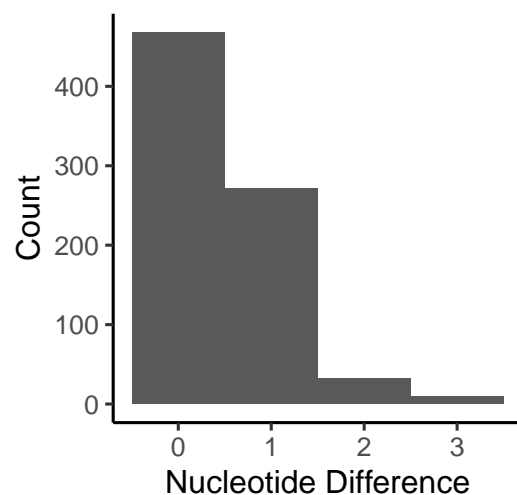
### TRBV6–7\*bp01

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



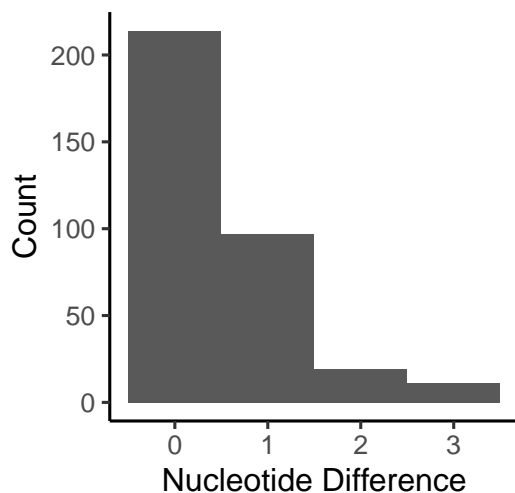
### TRBV6–23\*bp01

780 sequences assigned  
468 (60%) exact matches, in which:  
347 unique CDR3  
13 unique J



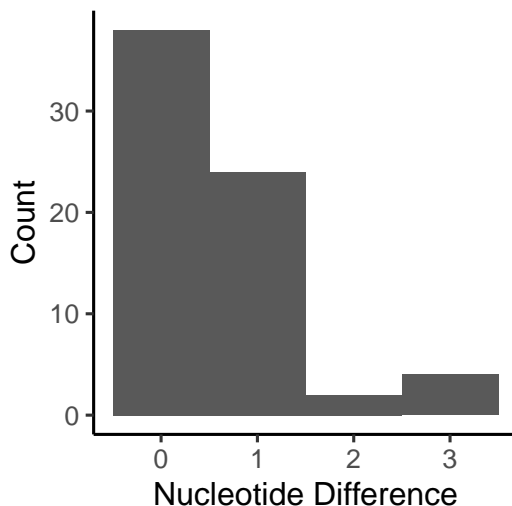
### TRBV7-2\*bp01

341 sequences assigned  
214 (62.8%) exact matches, in which:  
154 unique CDR3  
13 unique J



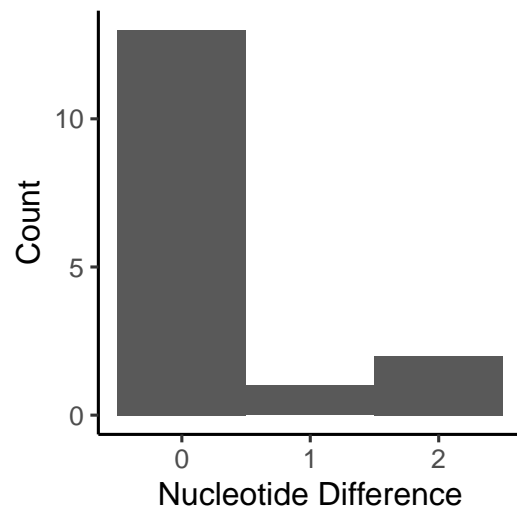
### TRBV7-3\*bp03

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



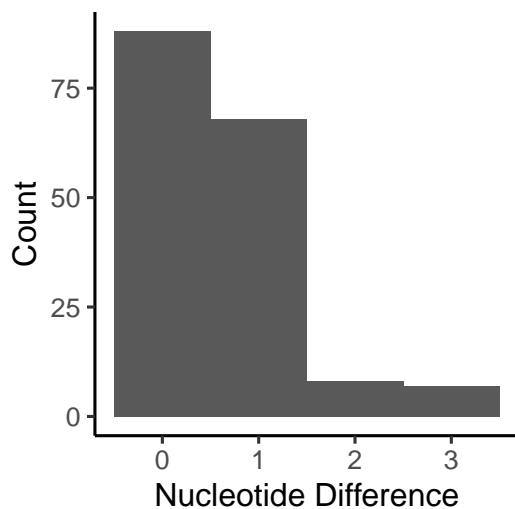
### TRBV7-7\*bp01

16 sequences assigned  
13 (81.2%) exact matches, in which:  
9 unique CDR3  
5 unique J



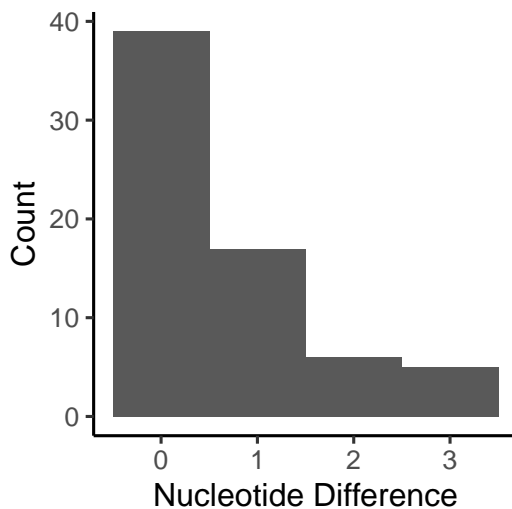
### TRBV7-2\*bp02

171 sequences assigned  
88 (51.5%) exact matches, in which:  
55 unique CDR3  
10 unique J



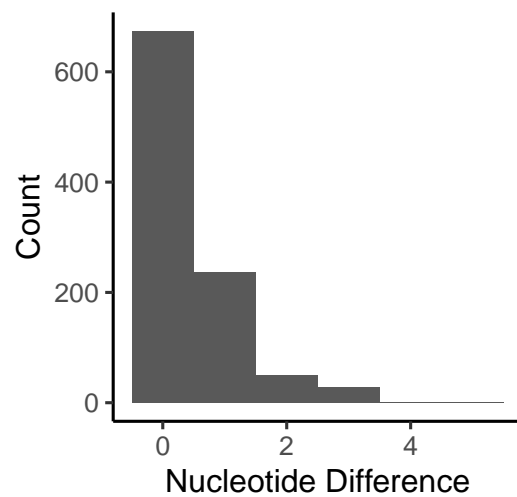
### TRBV7-4\*bp01

67 sequences assigned  
39 (58.2%) exact matches, in which:  
24 unique CDR3  
9 unique J



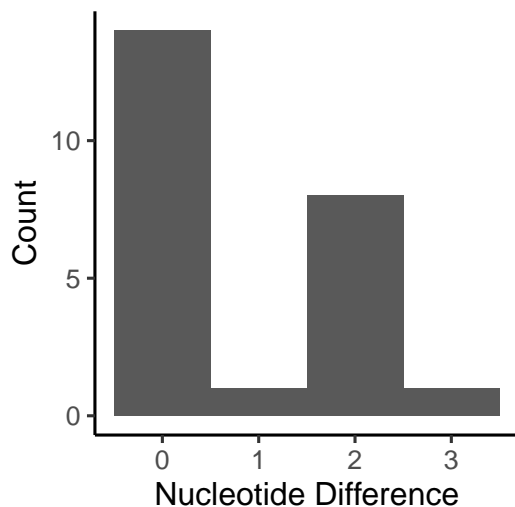
### TRBV7-9\*bp01

990 sequences assigned  
674 (68.1%) exact matches, in which:  
416 unique CDR3  
13 unique J



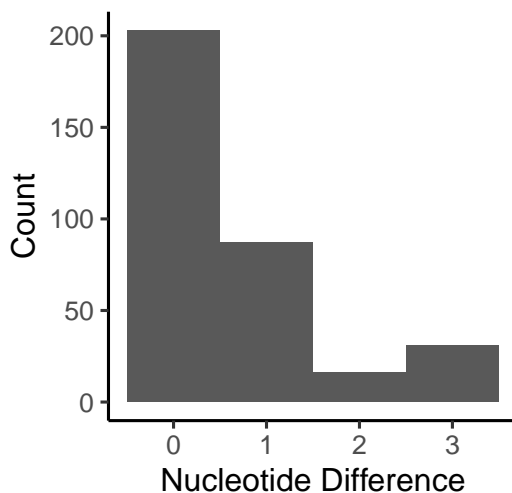
### TRBV7-3\*bp02

24 sequences assigned  
14 (58.3%) exact matches, in which:  
13 unique CDR3  
7 unique J



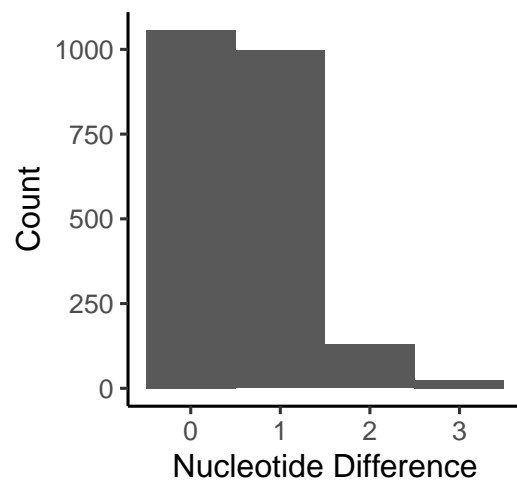
### TRBV7-6\*bp01

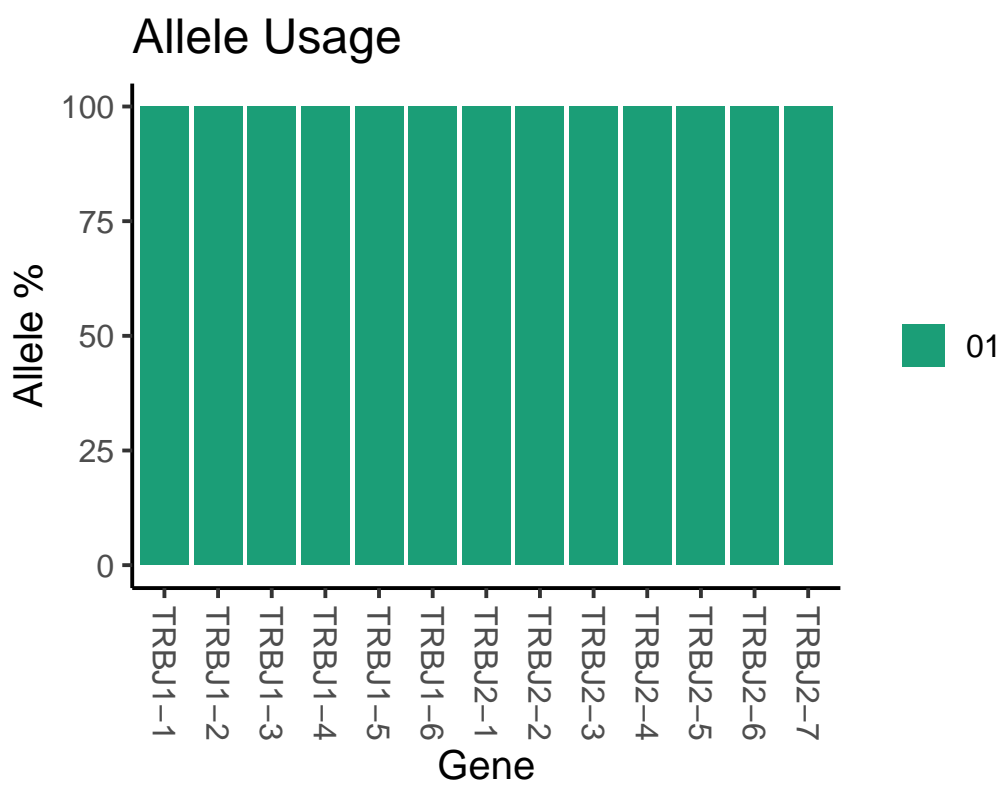
337 sequences assigned  
203 (60.2%) exact matches, in which:  
116 unique CDR3  
12 unique J



### TRBV29-1\*bp01

2208 sequences assigned  
1057 (47.9%) exact matches, in which:  
651 unique CDR3  
13 unique J





[illegible]