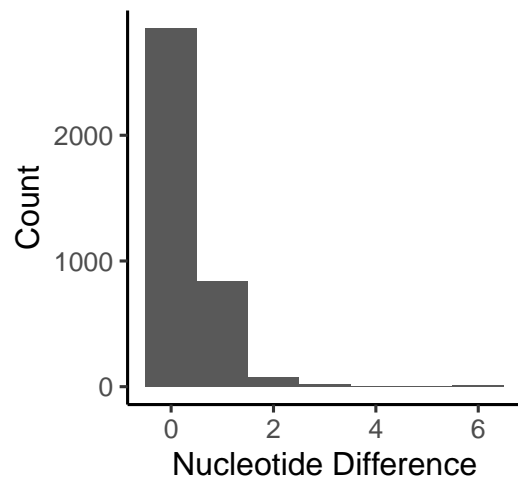


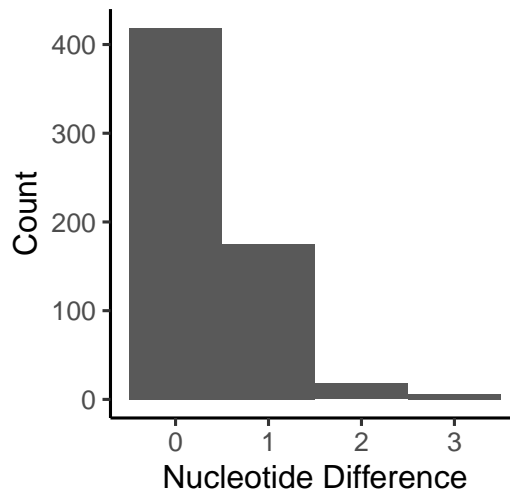
### TRBV20–1\*bp01

3808 sequences assigned  
2850 (74.8%) exact matches, in which:  
1482 unique CDR3  
13 unique J



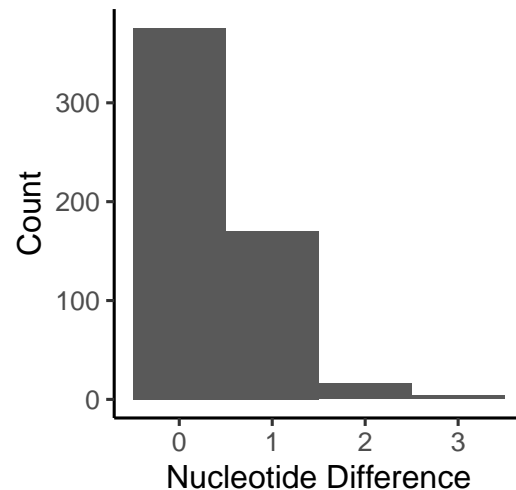
### TRBV10–3\*bp01

618 sequences assigned  
419 (67.8%) exact matches, in which:  
358 unique CDR3  
13 unique J



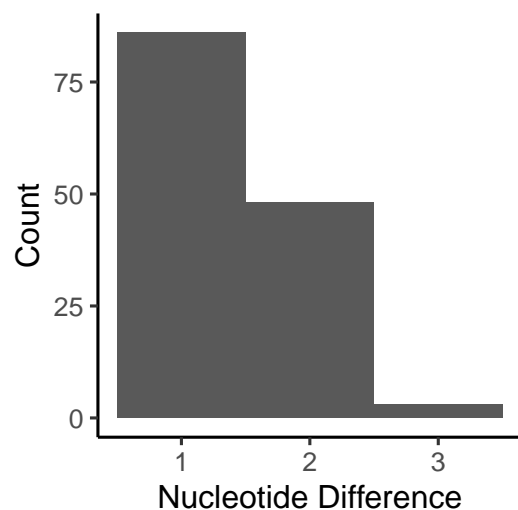
### TRBV15\*bp02

566 sequences assigned  
376 (66.4%) exact matches, in which:  
209 unique CDR3  
13 unique J



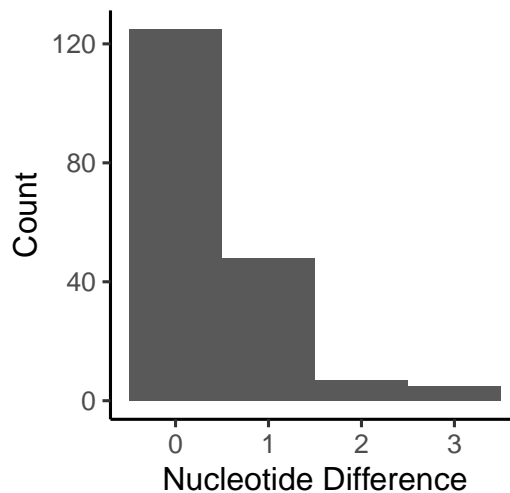
### TRBV10–1\*bp02

137 sequences assigned  
No exact matches.



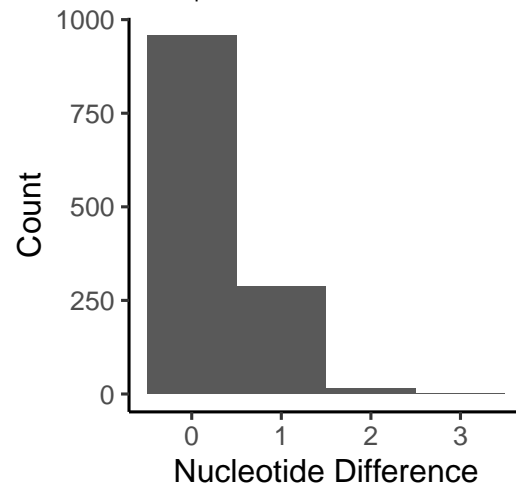
### TRBV13\*bp01

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



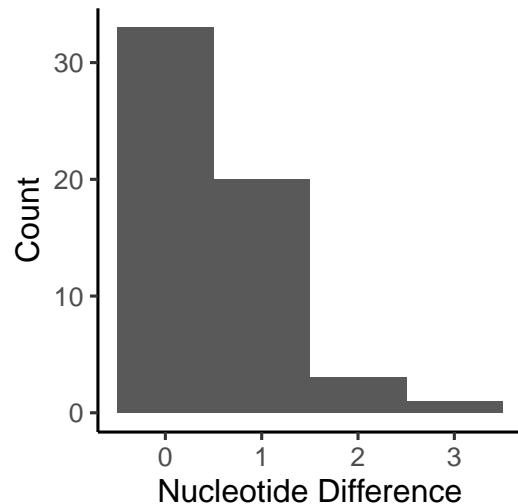
### TRBV18\*bp01

1261 sequences assigned  
957 (75.9%) exact matches, in which:  
553 unique CDR3  
13 unique J



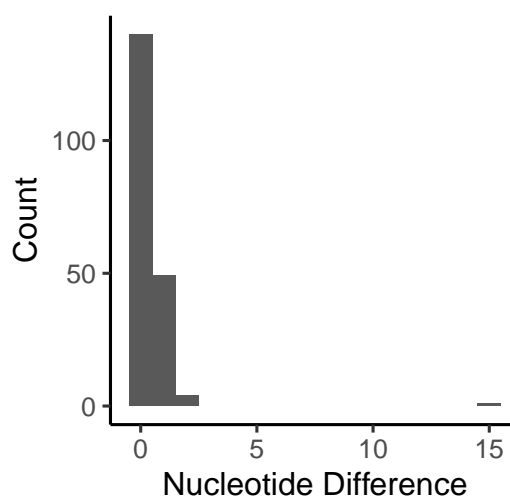
### TRBV10–2\*bp01

57 sequences assigned  
33 (57.9%) exact matches, in which:  
27 unique CDR3  
7 unique J



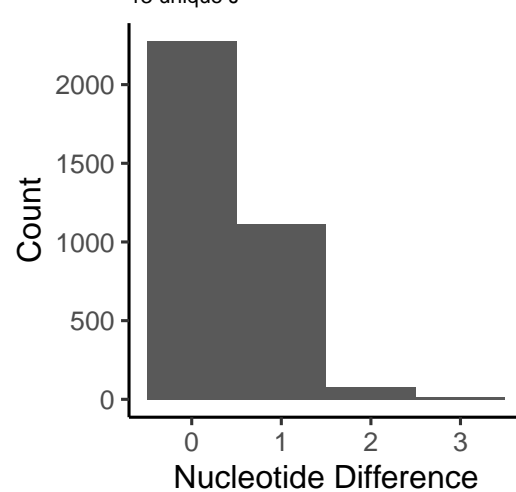
### TRBV14\*bp01

194 sequences assigned  
140 (72.2%) exact matches, in which:  
121 unique CDR3  
13 unique J



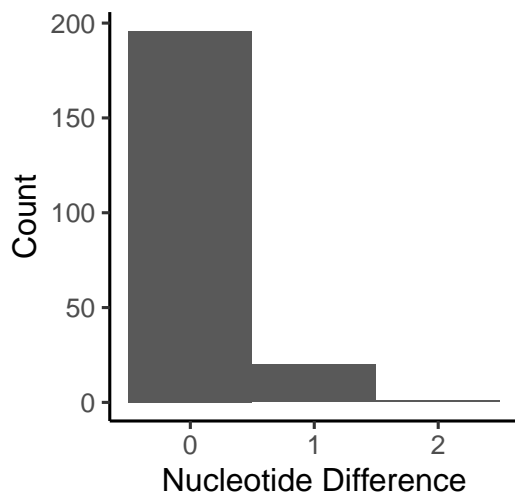
### TRBV19\*bp01

3484 sequences assigned  
2277 (65.4%) exact matches, in which:  
1452 unique CDR3  
13 unique J



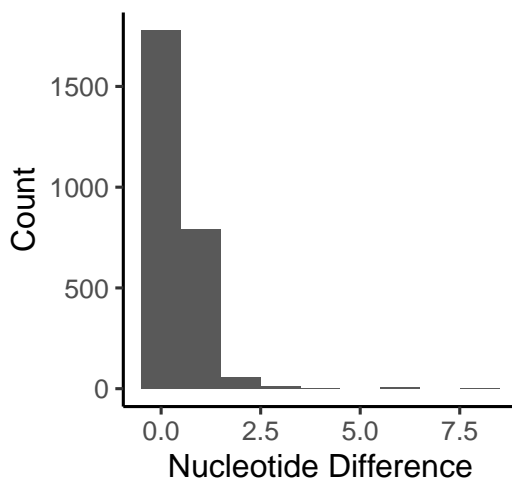
### TRBV2\*bp01

218 sequences assigned  
196 (89.9%) exact matches, in which:  
180 unique CDR3  
12 unique J



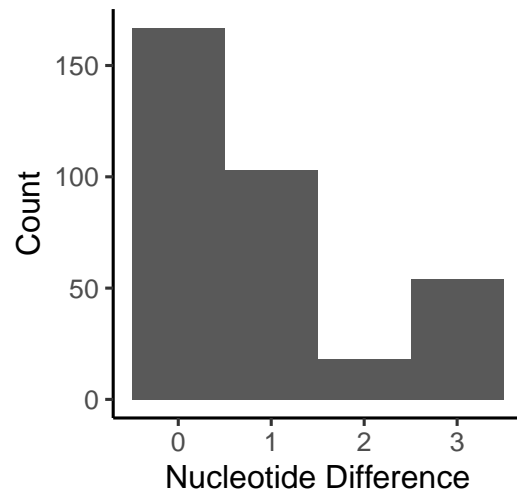
### TRBV30\*bp01

2652 sequences assigned  
1778 (67%) exact matches, in which:  
947 unique CDR3  
13 unique J



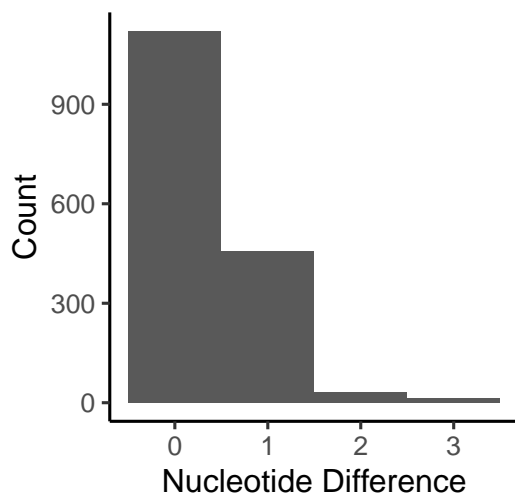
### TRBV11-1\*bp01

342 sequences assigned  
167 (48.8%) exact matches, in which:  
134 unique CDR3  
12 unique J



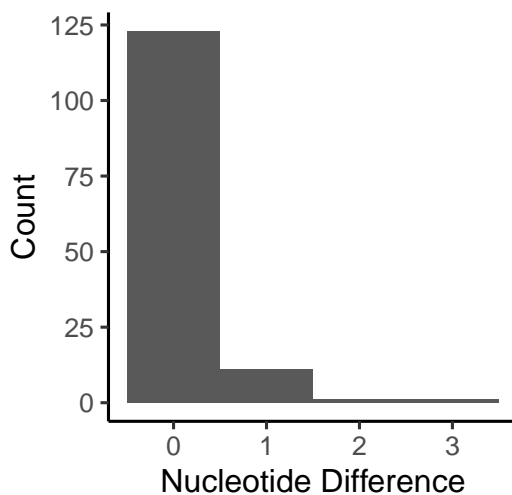
### TRBV27\*bp01

1624 sequences assigned  
1121 (69%) exact matches, in which:  
928 unique CDR3  
13 unique J



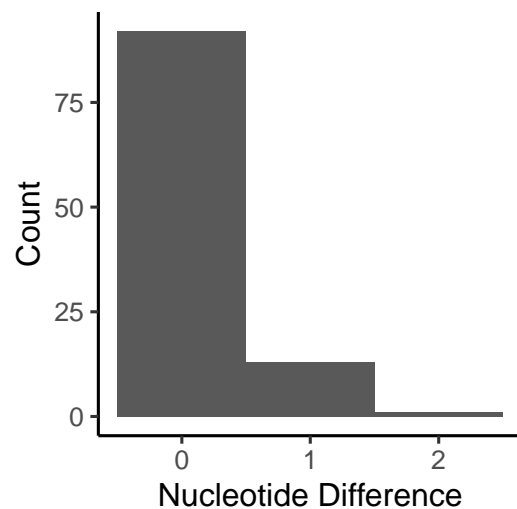
### TRBV9\*bp01

136 sequences assigned  
123 (90.4%) exact matches, in which:  
102 unique CDR3  
12 unique J



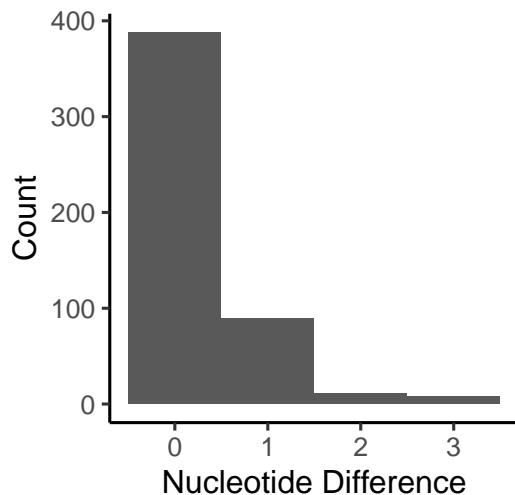
### TRBV21-1\*bp01

106 sequences assigned  
92 (86.8%) exact matches, in which:  
80 unique CDR3  
12 unique J



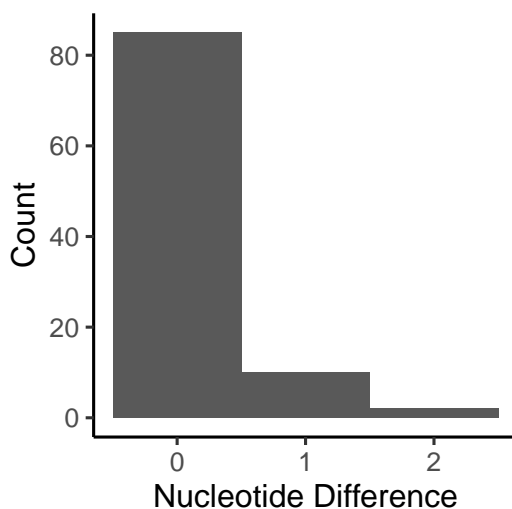
### TRBV28\*bp01

496 sequences assigned  
388 (78.2%) exact matches, in which:  
314 unique CDR3  
13 unique J



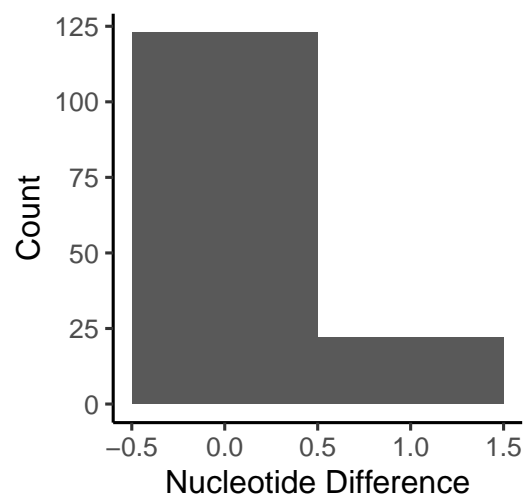
### TRBV9\*bp02

97 sequences assigned  
85 (87.6%) exact matches, in which:  
59 unique CDR3  
11 unique J



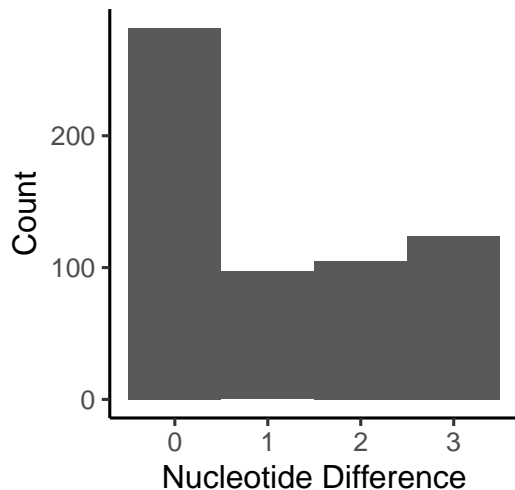
### TRBV21-1\*bp02

145 sequences assigned  
123 (84.8%) exact matches, in which:  
104 unique CDR3  
13 unique J



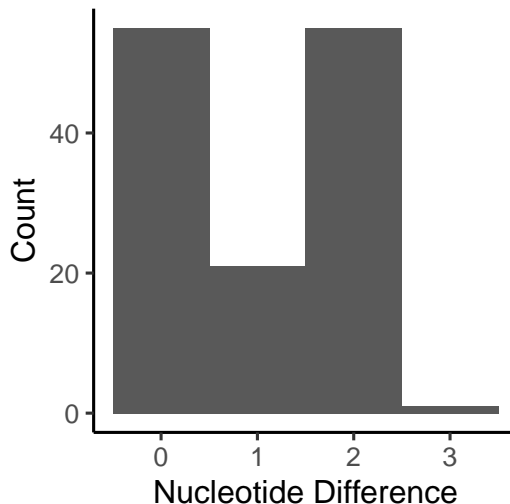
### TRBV11–2\*bp01

608 sequences assigned  
282 (46.4%) exact matches, in which:  
237 unique CDR3  
13 unique J



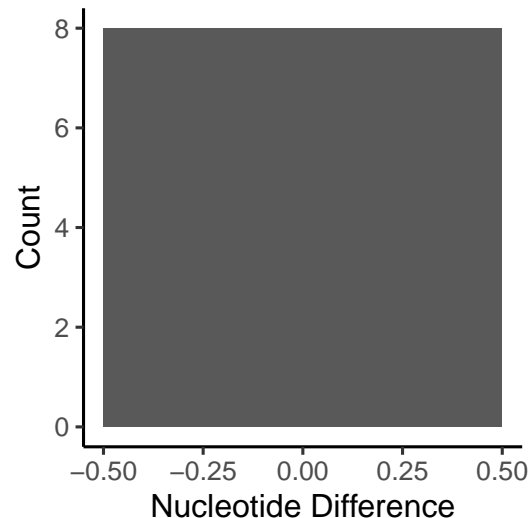
### TRBV12–5\*bp01

132 sequences assigned  
55 (41.7%) exact matches, in which:  
50 unique CDR3  
12 unique J



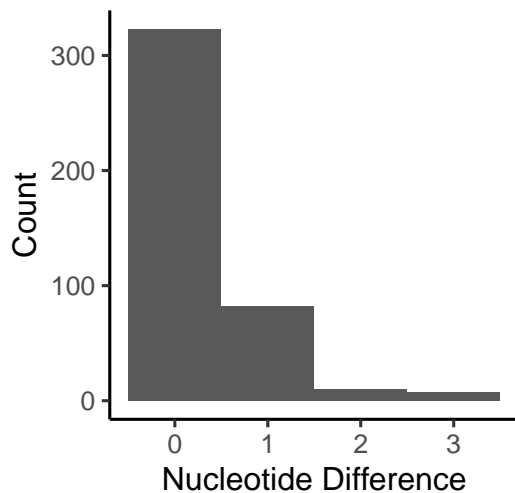
### TRBV3–1\*bp01

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



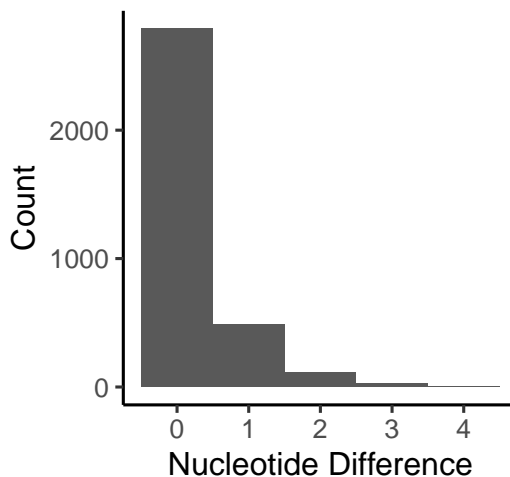
### TRBV11–2\*bp03

422 sequences assigned  
323 (76.5%) exact matches, in which:  
262 unique CDR3  
13 unique J



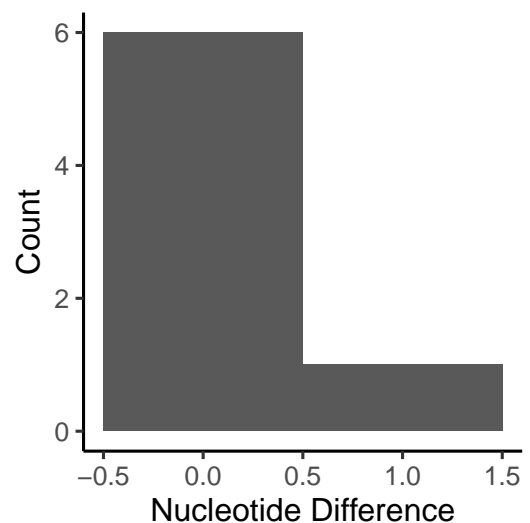
### TRBV12–34\*bp01

3419 sequences assigned  
2790 (81.6%) exact matches, in which:  
1580 unique CDR3  
13 unique J



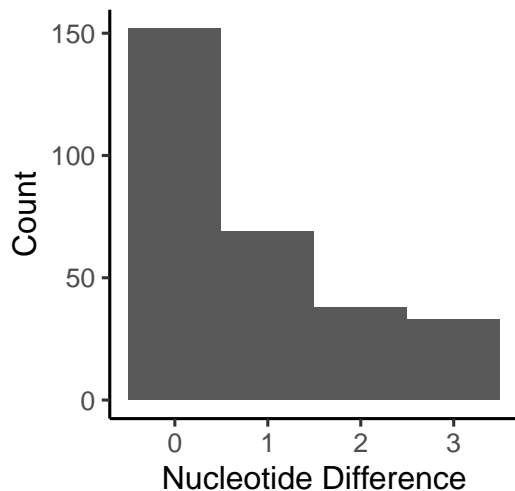
### TRBV3–2\*bp02

7 sequences assigned  
6 (85.7%) exact matches, in which:  
6 unique CDR3  
6 unique J



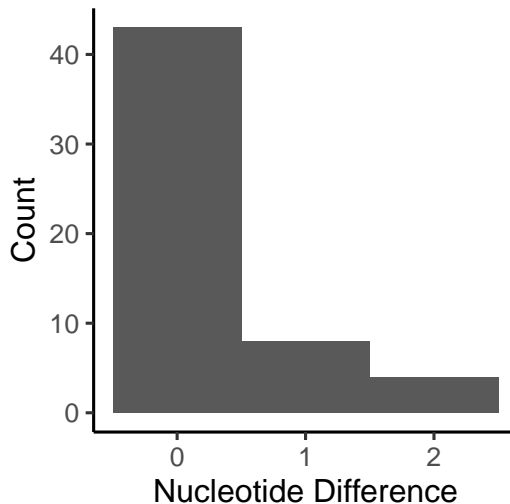
### TRBV11–3\*bp01

292 sequences assigned  
152 (52.1%) exact matches, in which:  
129 unique CDR3  
13 unique J



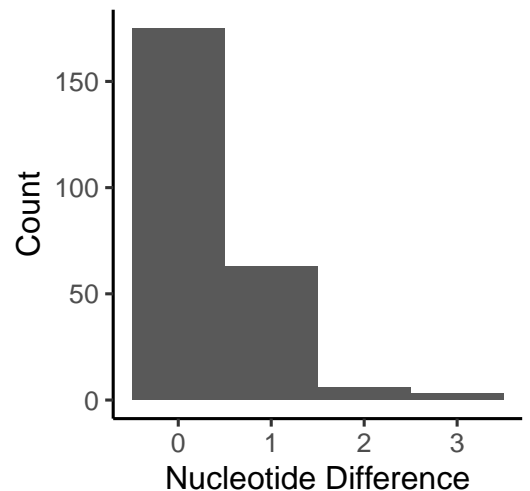
### TRBV23–1\*bp01

56 sequences assigned  
43 (76.8%) exact matches, in which:  
36 unique CDR3  
13 unique J



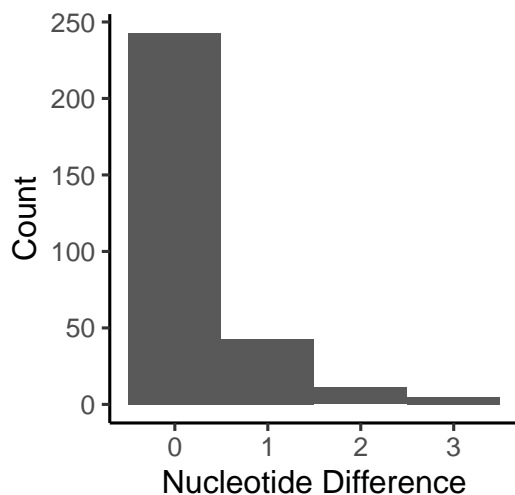
### TRBV24–1\*bp01

247 sequences assigned  
175 (70.9%) exact matches, in which:  
140 unique CDR3  
13 unique J



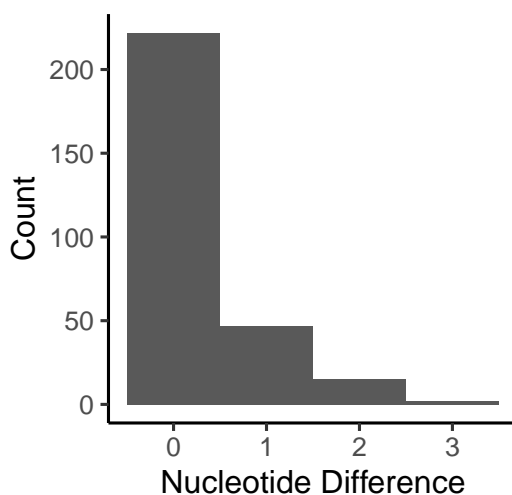
### TRBV4-1\*bp01

302 sequences assigned  
243 (80.5%) exact matches, in which:  
195 unique CDR3  
13 unique J



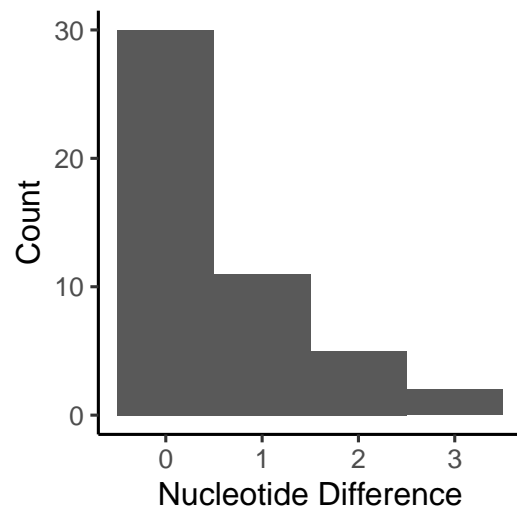
### TRBV4-3\*bp01

286 sequences assigned  
222 (77.6%) exact matches, in which:  
185 unique CDR3  
12 unique J



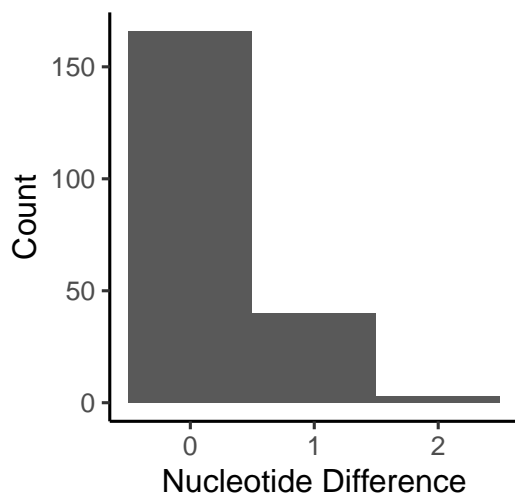
### TRBV5-3\*bp01

48 sequences assigned  
30 (62.5%) exact matches, in which:  
21 unique CDR3  
10 unique J



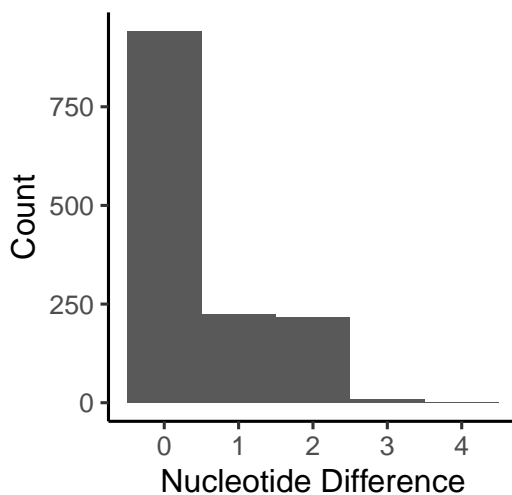
### TRBV24-1\*bp02

209 sequences assigned  
166 (79.4%) exact matches, in which:  
136 unique CDR3  
12 unique J



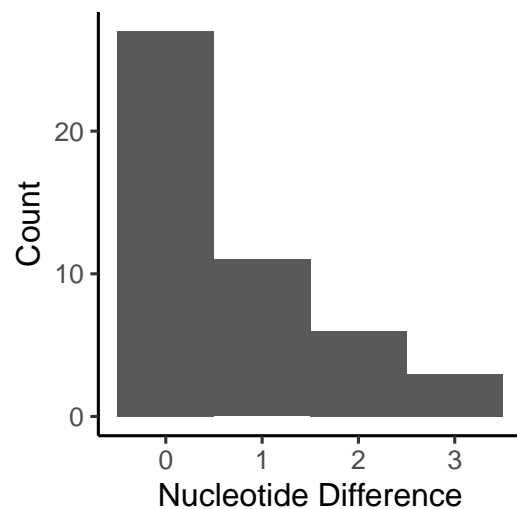
### TRBV5-1\*bp01

1393 sequences assigned  
942 (67.6%) exact matches, in which:  
645 unique CDR3  
13 unique J



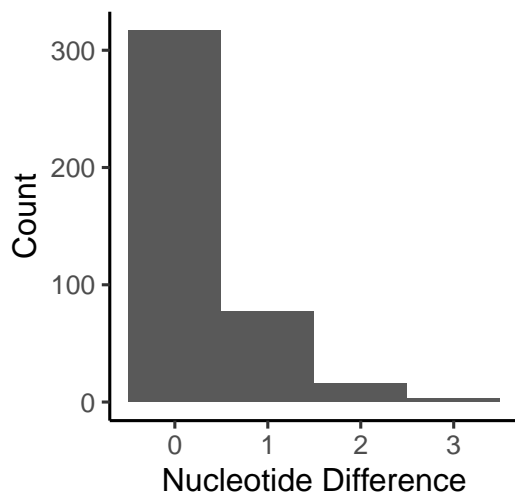
### TRBV5-3\*bp02

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



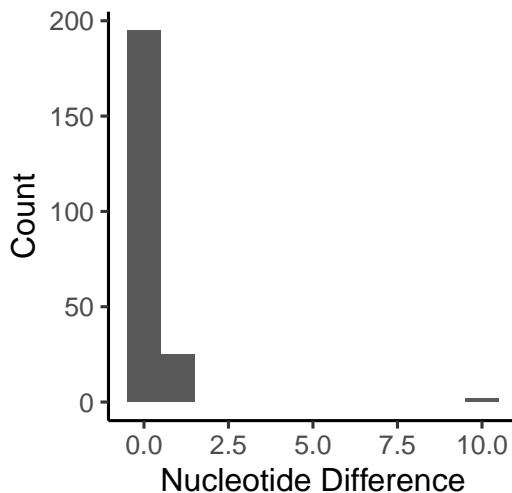
### TRBV4-2\*bp01

413 sequences assigned  
317 (76.8%) exact matches, in which:  
273 unique CDR3  
13 unique J



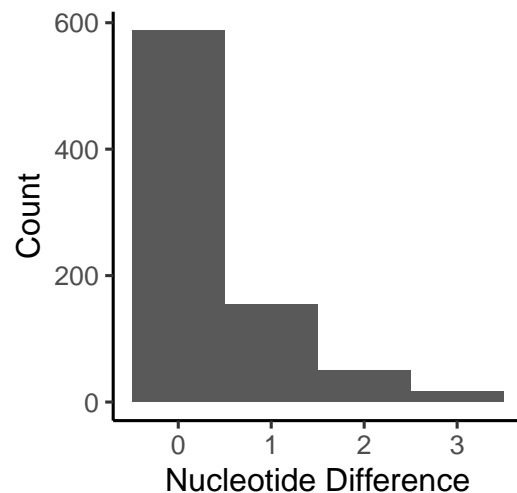
### TRBV25-1\*bp01

222 sequences assigned  
195 (87.8%) exact matches, in which:  
126 unique CDR3  
13 unique J



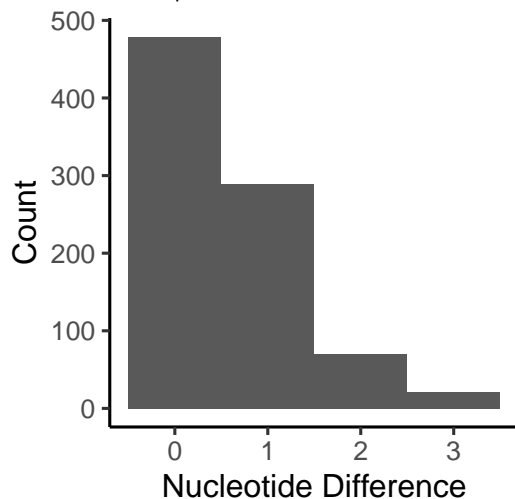
### TRBV5-4\*bp01

809 sequences assigned  
588 (72.7%) exact matches, in which:  
412 unique CDR3  
13 unique J



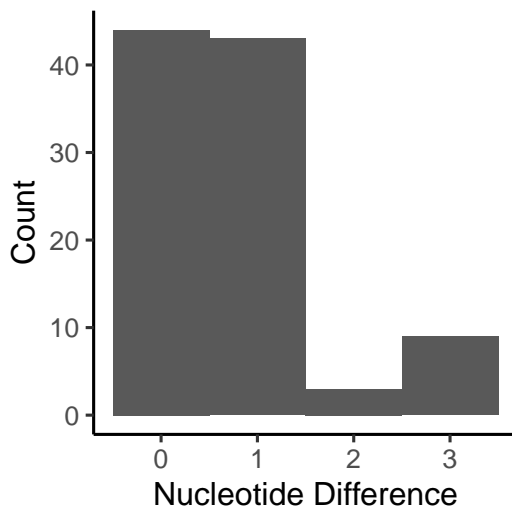
### TRBV5–5\*bp01

859 sequences assigned  
479 (55.8%) exact matches, in which:  
331 unique CDR3  
13 unique J



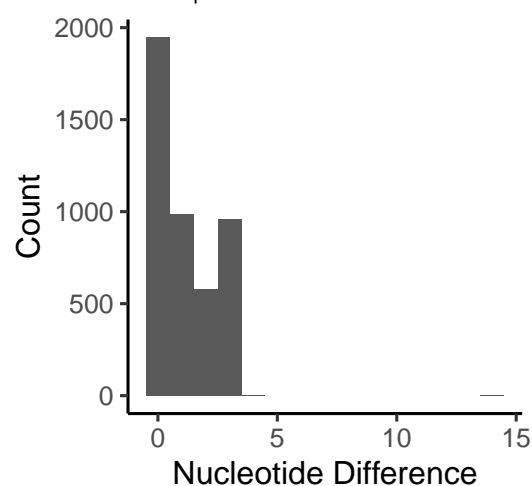
### TRBV5–8\*bp01

99 sequences assigned  
44 (44.4%) exact matches, in which:  
32 unique CDR3  
9 unique J



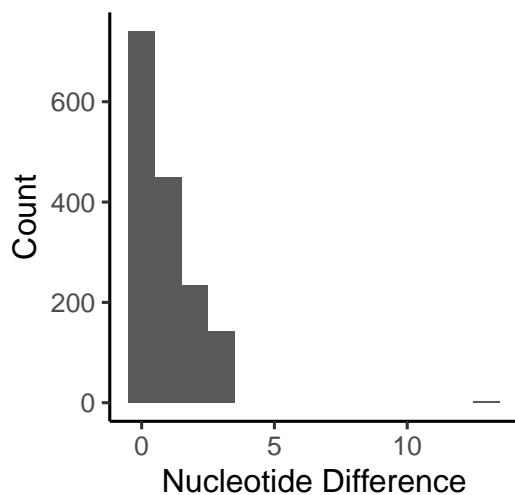
### TRBV6–5\*bp01

4476 sequences assigned  
1947 (43.5%) exact matches, in which:  
1533 unique CDR3  
13 unique J



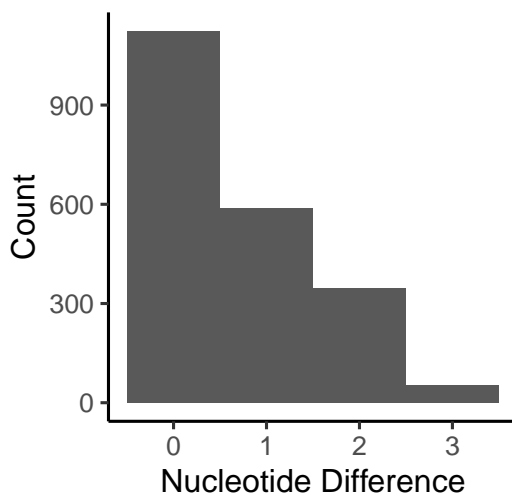
### TRBV5–6\*bp01

1570 sequences assigned  
741 (47.2%) exact matches, in which:  
501 unique CDR3  
13 unique J



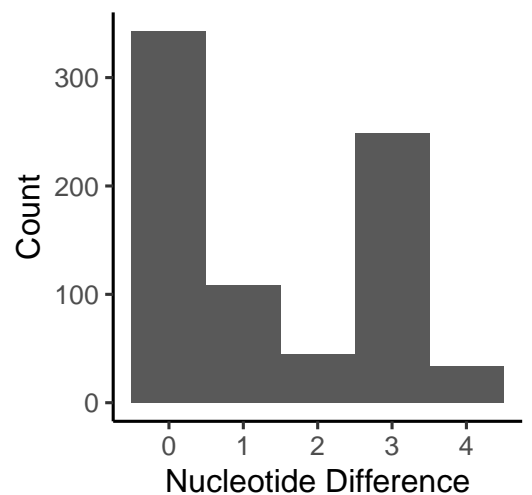
### TRBV6–1\*bp01

2108 sequences assigned  
1124 (53.3%) exact matches, in which:  
933 unique CDR3  
13 unique J



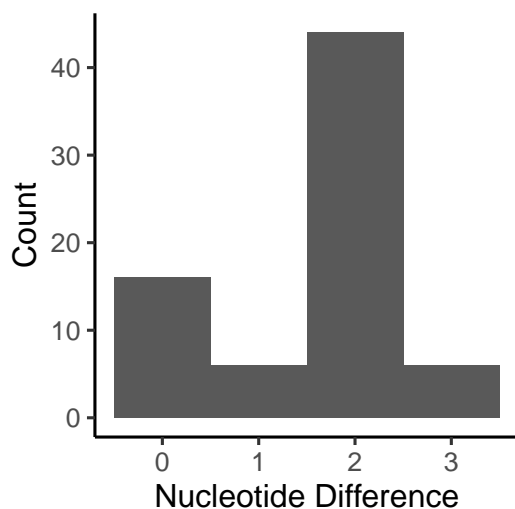
### TRBV6–6\*bp01

779 sequences assigned  
343 (44%) exact matches, in which:  
292 unique CDR3  
13 unique J



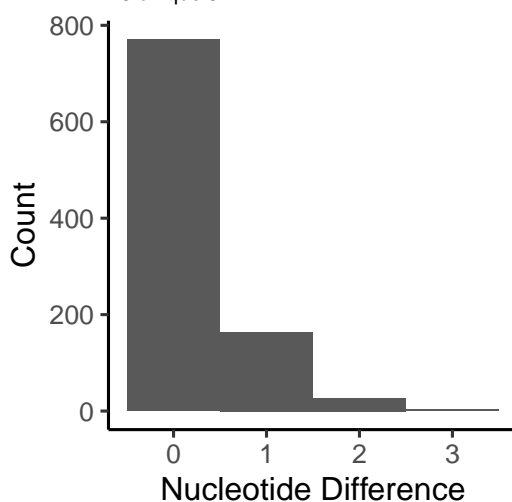
### TRBV5–7\*bp01

72 sequences assigned  
16 (22.2%) exact matches, in which:  
10 unique CDR3  
9 unique J



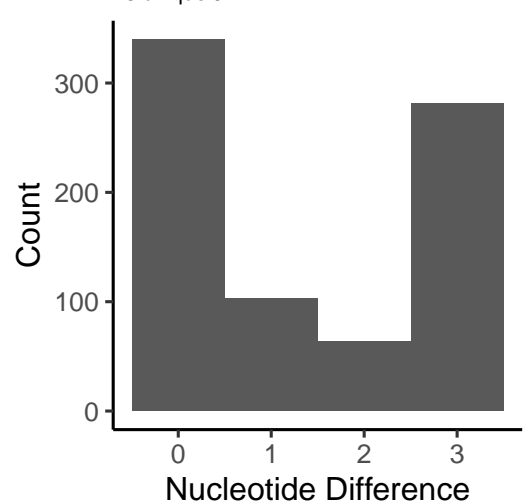
### TRBV6–4\*bp01

965 sequences assigned  
771 (79.9%) exact matches, in which:  
560 unique CDR3  
13 unique J



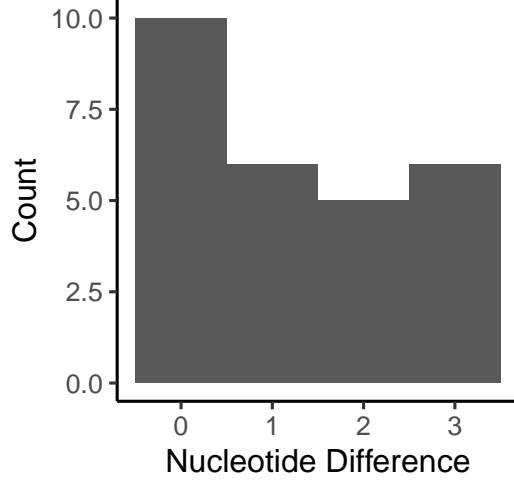
### TRBV6–6\*bp02

788 sequences assigned  
340 (43.1%) exact matches, in which:  
292 unique CDR3  
13 unique J



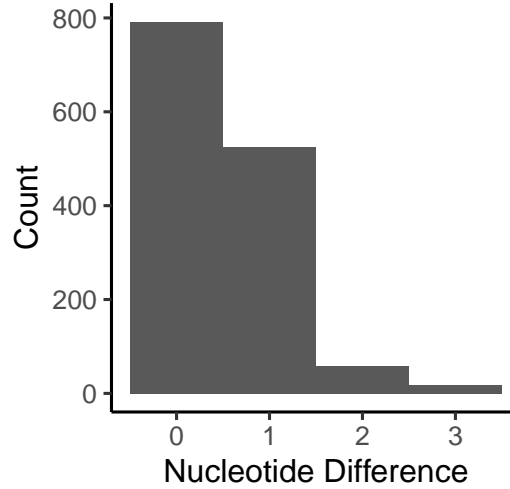
### TRBV6-7\*bp01

27 sequences assigned  
10 (37%) exact matches, in which:  
8 unique CDR3  
6 unique J



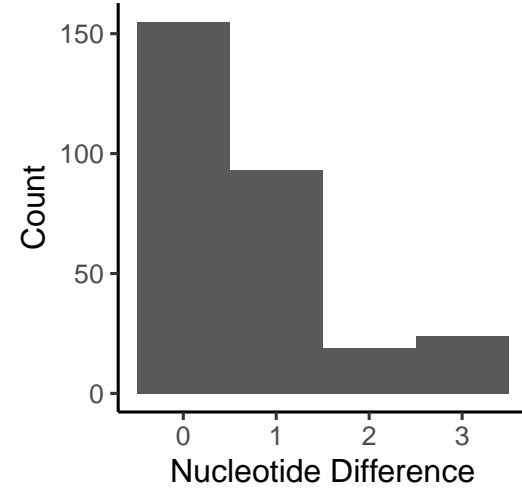
### TRBV6-23\*bp01

1393 sequences assigned  
792 (56.9%) exact matches, in which:  
661 unique CDR3  
13 unique J



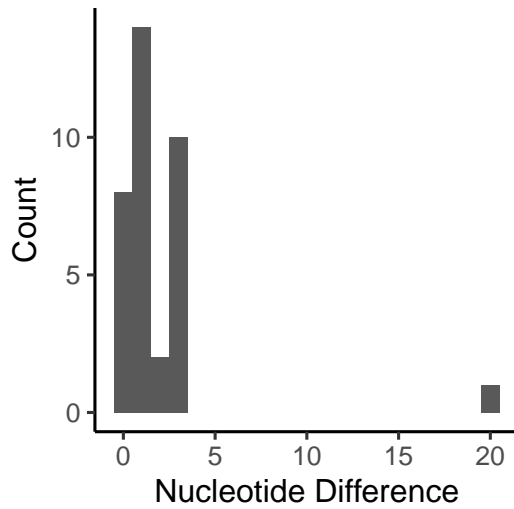
### TRBV7-3\*bp03

291 sequences assigned  
155 (53.3%) exact matches, in which:  
105 unique CDR3  
12 unique J



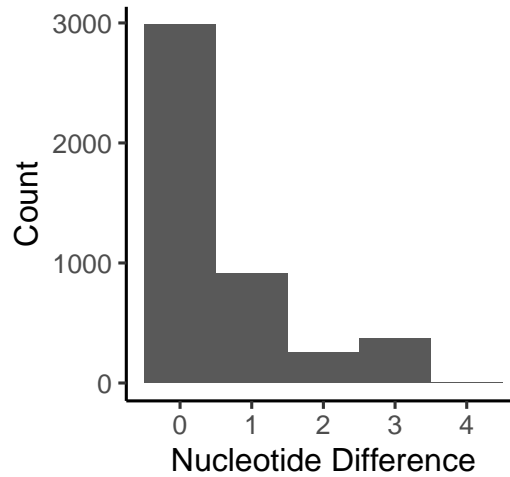
### TRBV6-8\*bp01

35 sequences assigned  
8 (22.9%) exact matches, in which:  
6 unique CDR3  
5 unique J



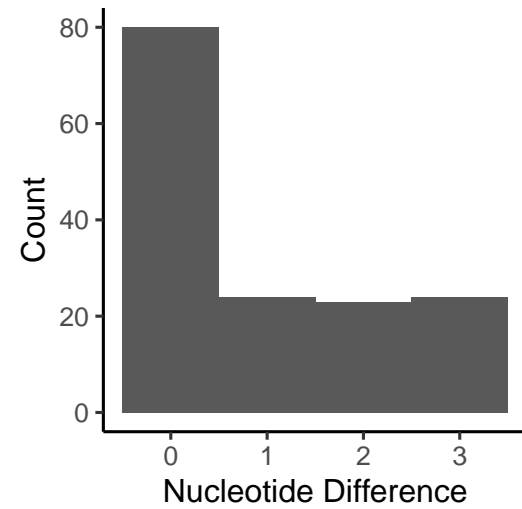
### TRBV7-2\*bp01

4526 sequences assigned  
2985 (66%) exact matches, in which:  
1688 unique CDR3  
13 unique J



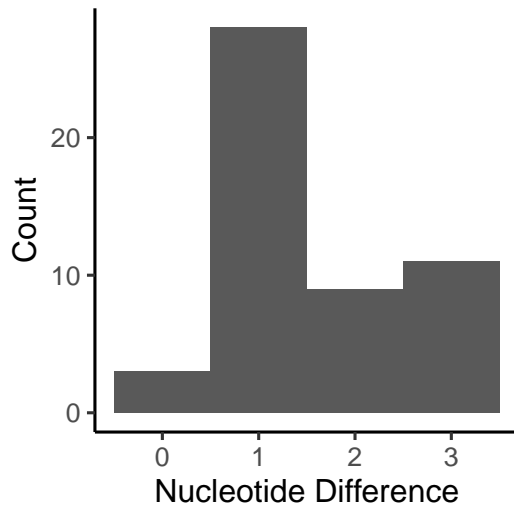
### TRBV7-4\*bp01

151 sequences assigned  
80 (53%) exact matches, in which:  
47 unique CDR3  
11 unique J



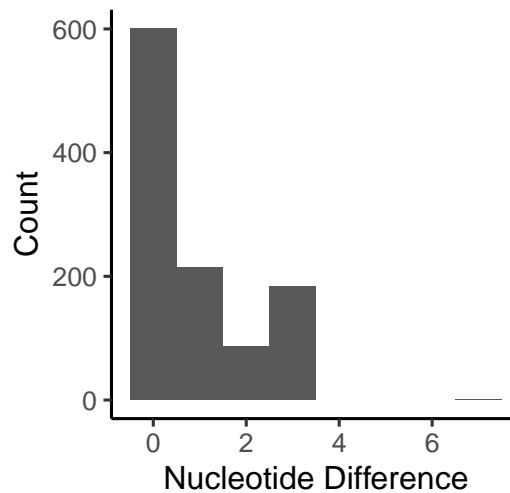
### TRBV6-9\*bp01

51 sequences assigned  
3 (5.9%) exact matches, in which:  
3 unique CDR3  
2 unique J



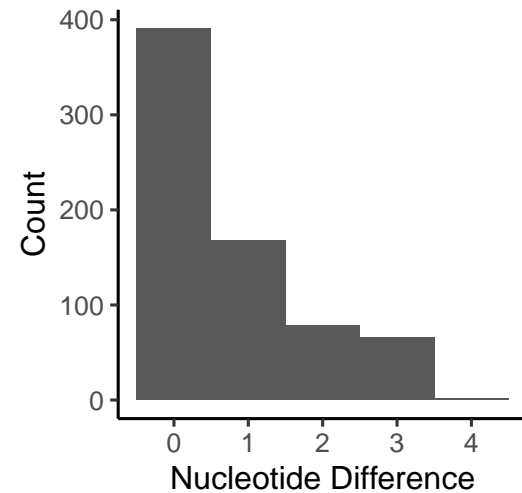
### TRBV7-3\*bp01

1086 sequences assigned  
601 (55.3%) exact matches, in which:  
414 unique CDR3  
13 unique J



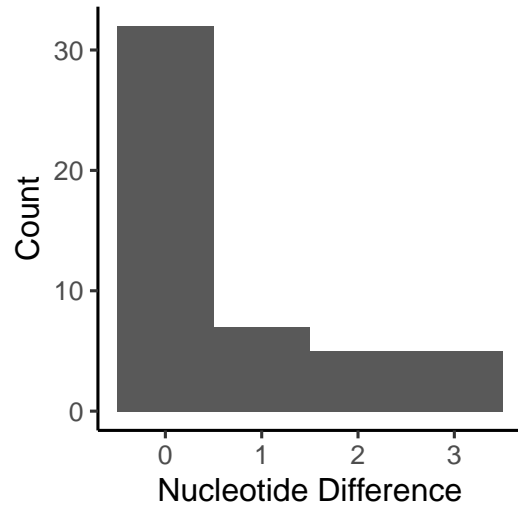
### TRBV7-6\*bp01

705 sequences assigned  
391 (55.5%) exact matches, in which:  
224 unique CDR3  
12 unique J



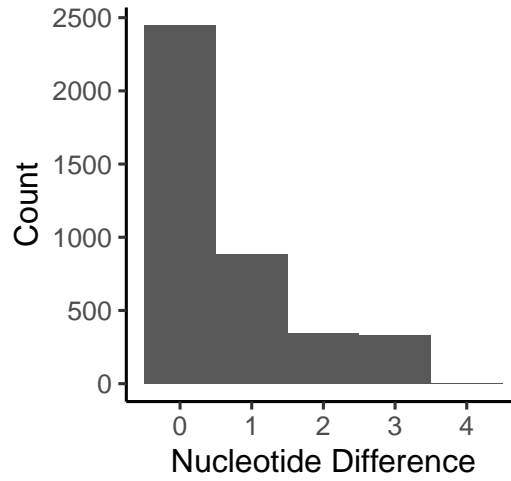
### TRBV7-7\*bp01

49 sequences assigned  
32 (65.3%) exact matches, in which:  
28 unique CDR3  
8 unique J



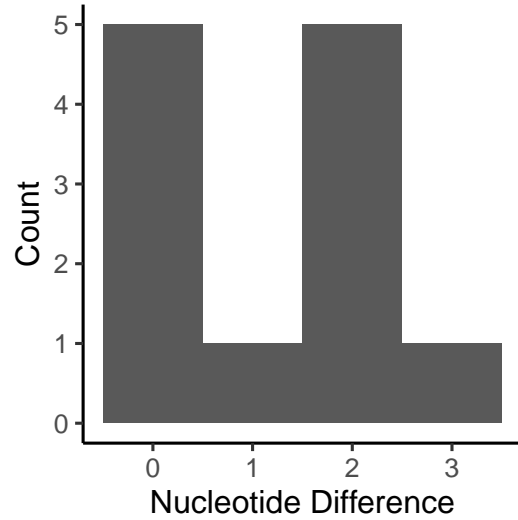
### TRBV7-9\*bp01

4011 sequences assigned  
2447 (61%) exact matches, in which:  
1404 unique CDR3  
13 unique J



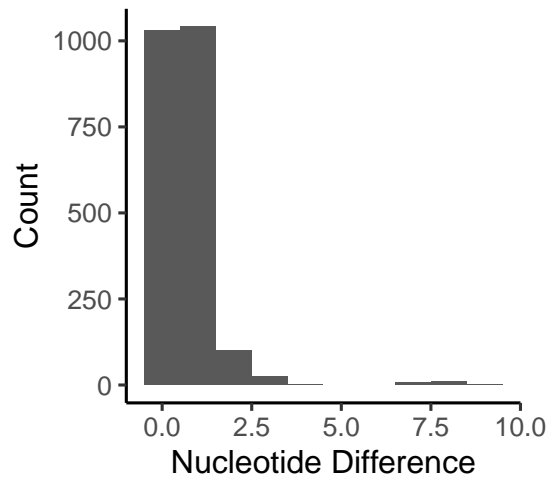
### TRBV7-8\*bp01

12 sequences assigned  
5 (41.7%) exact matches, in which:  
4 unique CDR3  
2 unique J



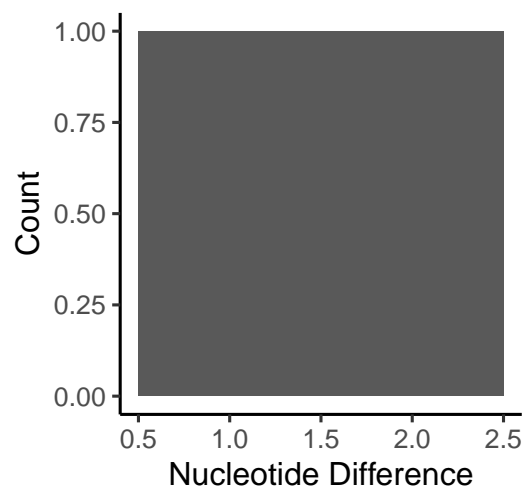
### TRBV29-1\*bp01

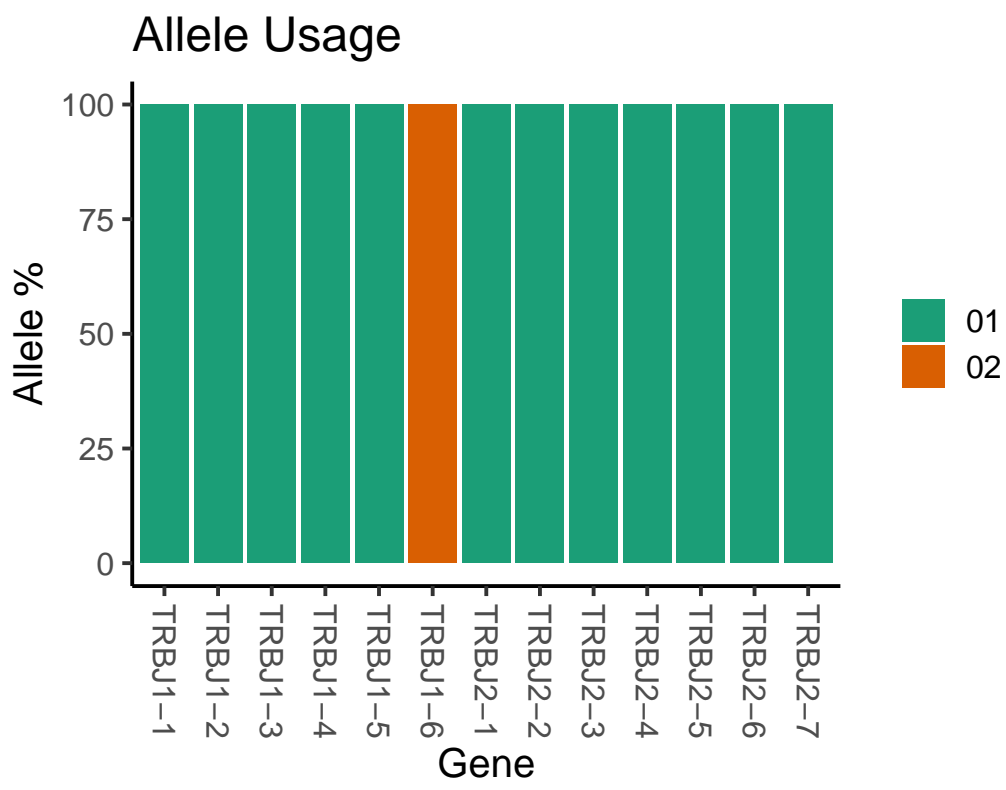
2214 sequences assigned  
1029 (46.5%) exact matches, in which:  
679 unique CDR3  
13 unique J



### TRBV7-8\*bp03

2 sequences assigned  
No exact matches.







Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.