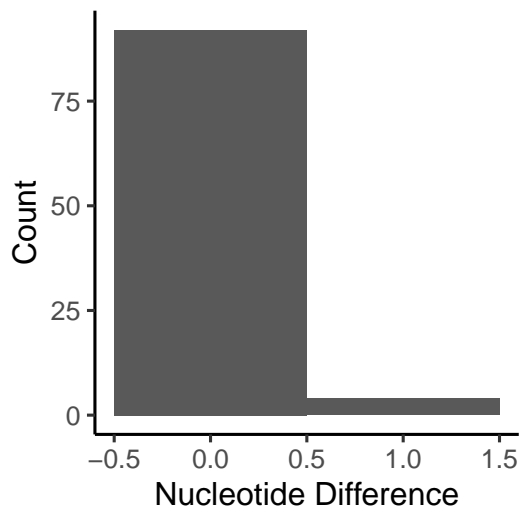


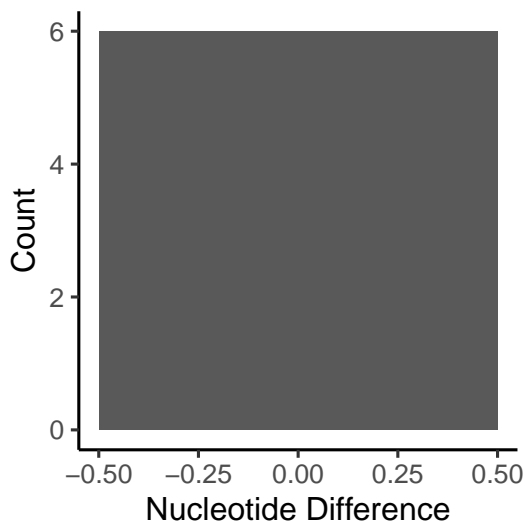
### TRBV20–1\*bp01

96 sequences assigned  
92 (95.8%) exact matches, in which:  
87 unique CDR3  
12 unique J



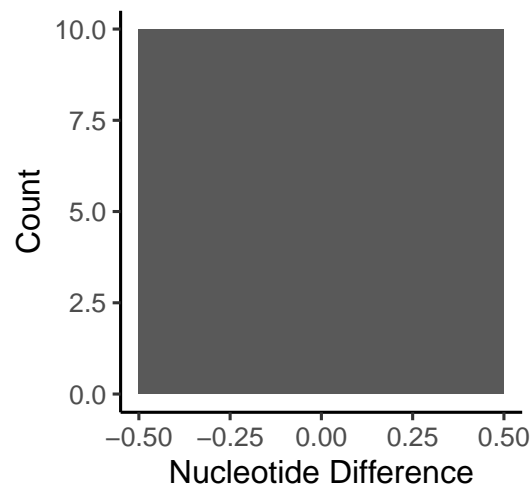
### TRBV10–2\*bp01

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



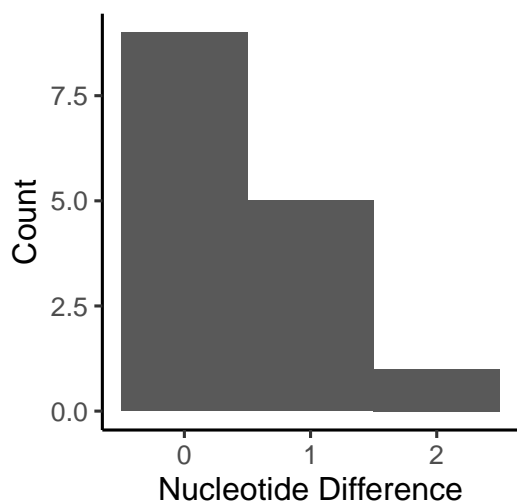
### TRBV14\*bp01

10 sequences assigned  
10 (100%) exact matches, in which:  
9 unique CDR3  
5 unique J



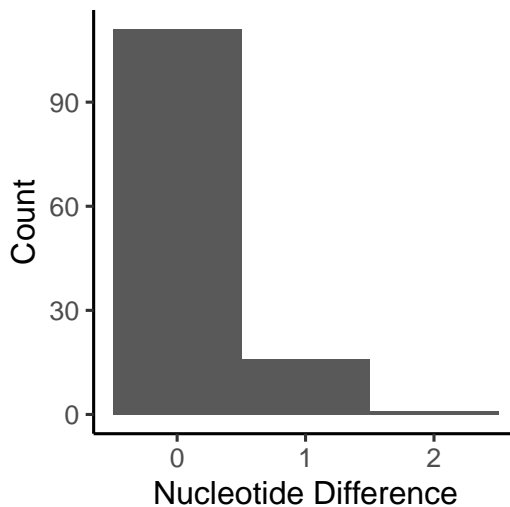
### TRBV10–1\*bp01

15 sequences assigned  
9 (60%) exact matches, in which:  
9 unique CDR3  
7 unique J



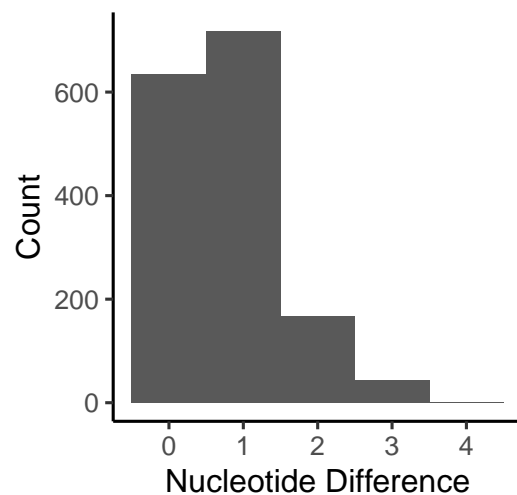
### TRBV10–3\*bp01

128 sequences assigned  
111 (86.7%) exact matches, in which:  
104 unique CDR3  
13 unique J



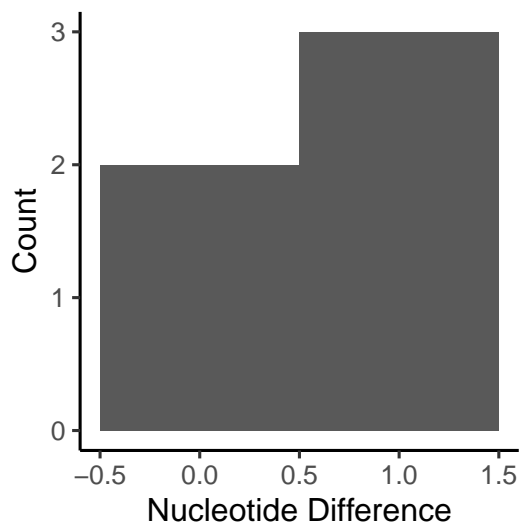
### TRBV15\*bp02

1565 sequences assigned  
635 (40.6%) exact matches, in which:  
357 unique CDR3  
12 unique J



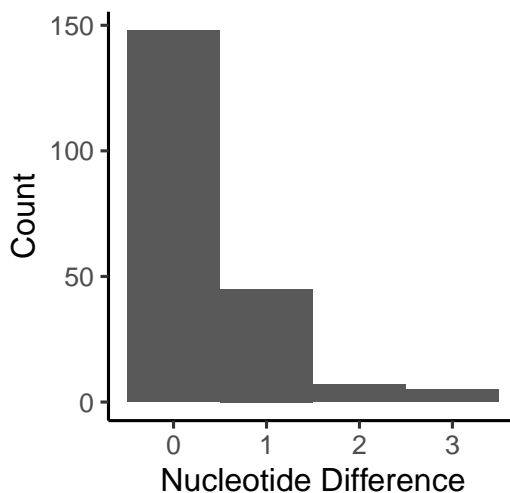
### TRBV10–1\*bp02

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



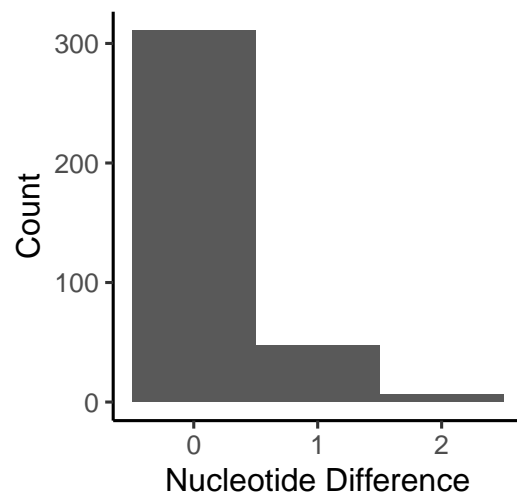
### TRBV13\*bp01

205 sequences assigned  
148 (72.2%) exact matches, in which:  
118 unique CDR3  
13 unique J



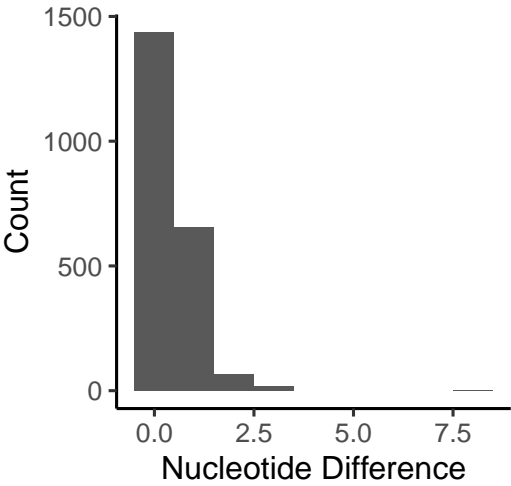
### TRBV18\*bp01

364 sequences assigned  
311 (85.4%) exact matches, in which:  
237 unique CDR3  
13 unique J



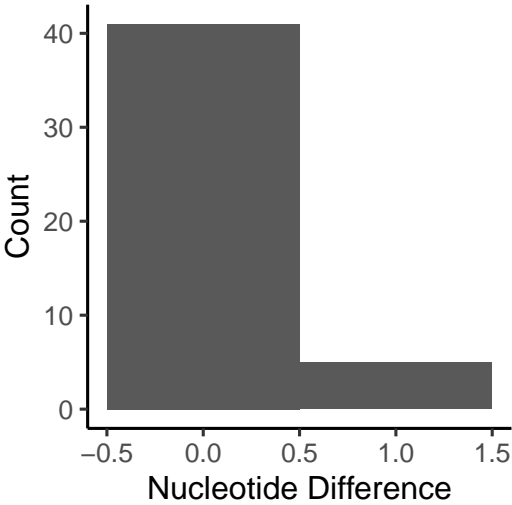
TRBV19\*bp01

2178 sequences assigned  
1436 (65.9%) exact matches, in which:  
990 unique CDR3  
13 unique J



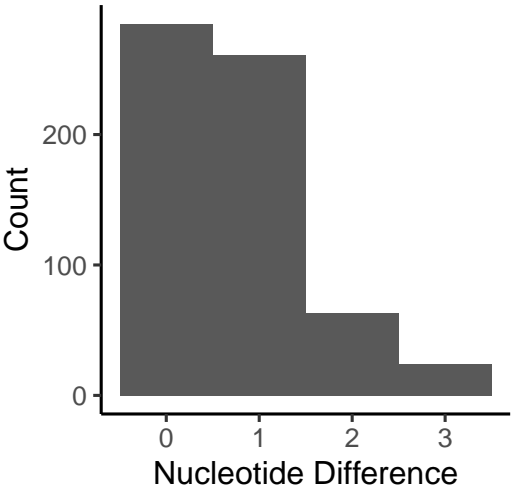
TRBV28\*bp01

46 sequences assigned  
41 (89.1%) exact matches, in which:  
39 unique CDR3  
10 unique J



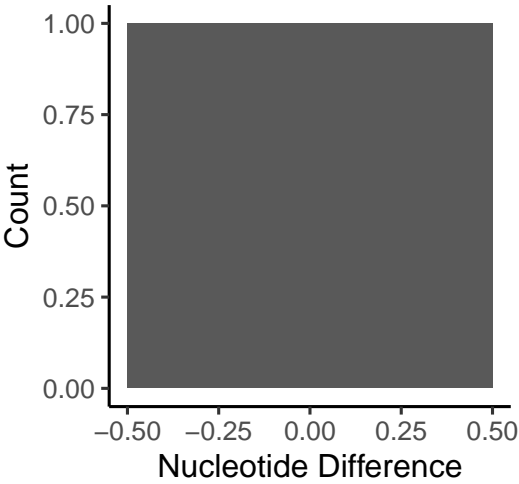
TRBV11-1\*bp01

633 sequences assigned  
285 (45%) exact matches, in which:  
206 unique CDR3  
13 unique J



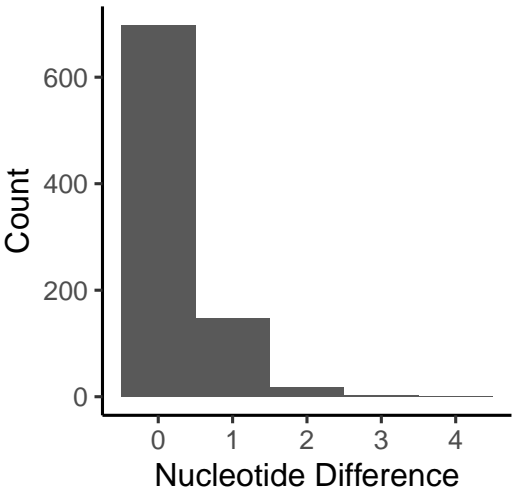
TRBV2\*bp01

1 sequences assigned  
1 (100%) exact matches, in which:  
1 unique CDR3  
1 unique J



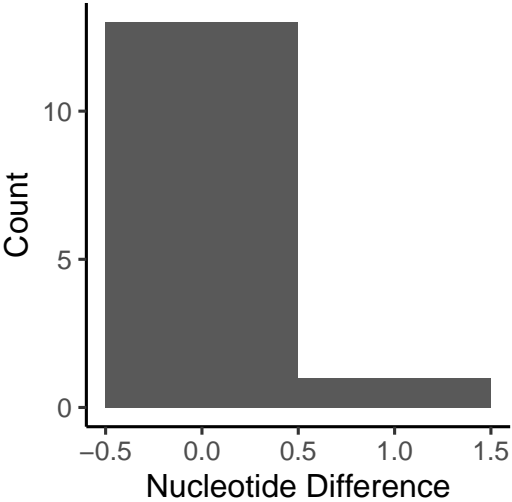
TRBV30\*bp01

867 sequences assigned  
698 (80.5%) exact matches, in which:  
446 unique CDR3  
13 unique J



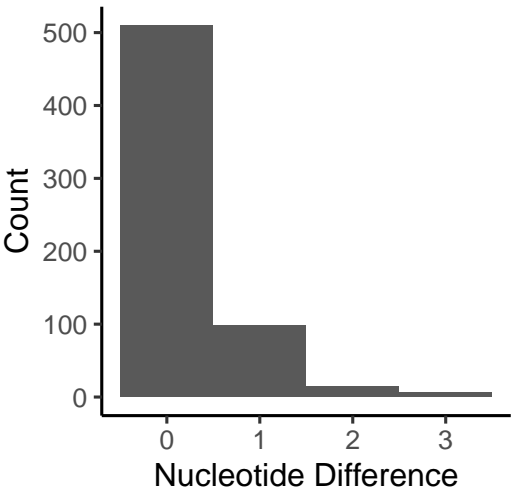
TRBV21-1\*bp01

14 sequences assigned  
13 (92.9%) exact matches, in which:  
13 unique CDR3  
5 unique J



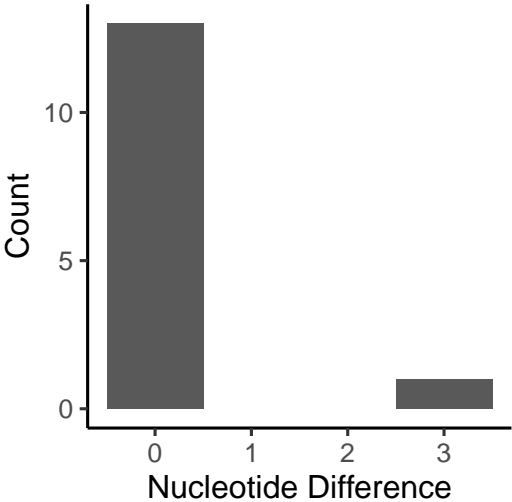
TRBV27\*bp01

628 sequences assigned  
510 (81.2%) exact matches, in which:  
453 unique CDR3  
13 unique J



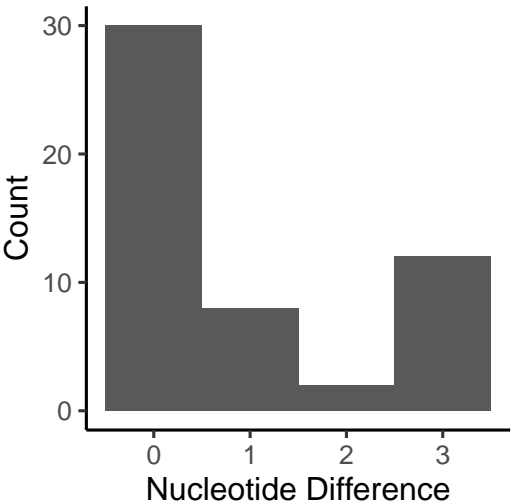
TRBV9\*bp01

14 sequences assigned  
13 (92.9%) exact matches, in which:  
10 unique CDR3  
7 unique J



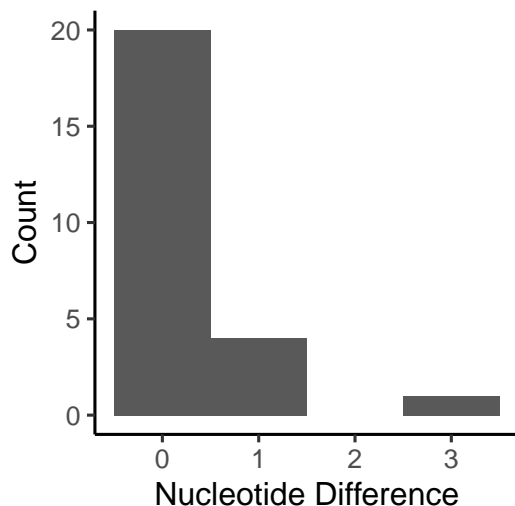
TRBV11-2\*bp01

52 sequences assigned  
30 (57.7%) exact matches, in which:  
28 unique CDR3  
10 unique J



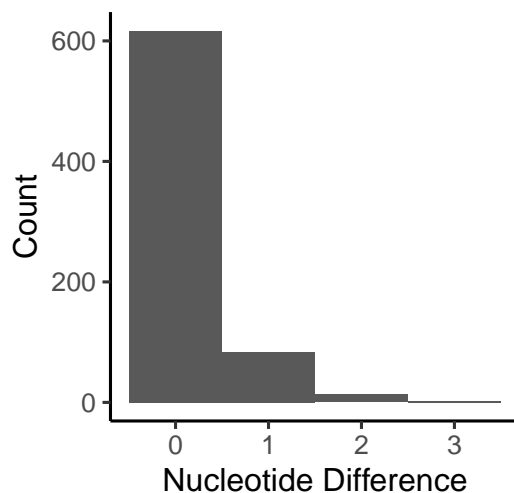
### TRBV11–2\*bp03

25 sequences assigned  
20 (80%) exact matches, in which:  
19 unique CDR3  
9 unique J



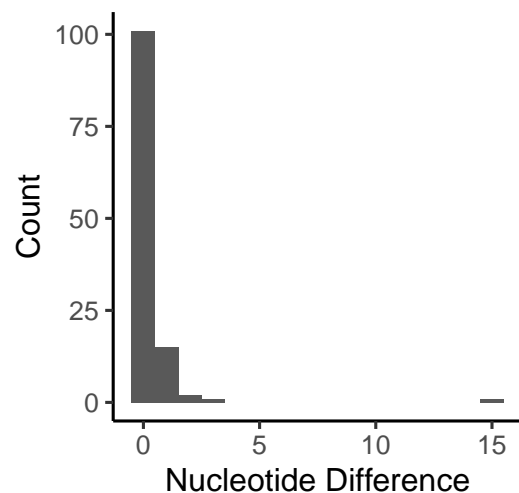
### TRBV12–34\*bp01

716 sequences assigned  
617 (86.2%) exact matches, in which:  
403 unique CDR3  
13 unique J



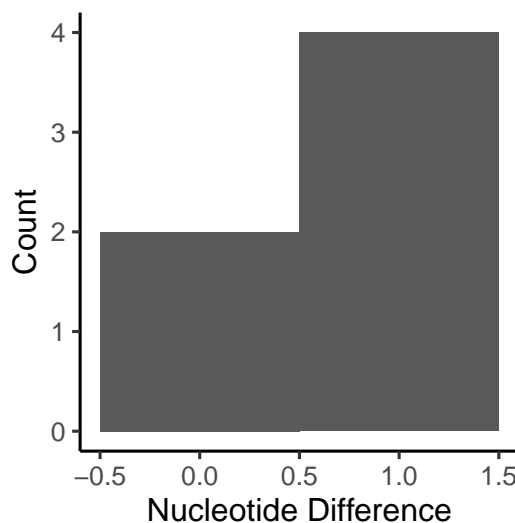
### TRBV24–1\*bp01

120 sequences assigned  
101 (84.2%) exact matches, in which:  
91 unique CDR3  
13 unique J



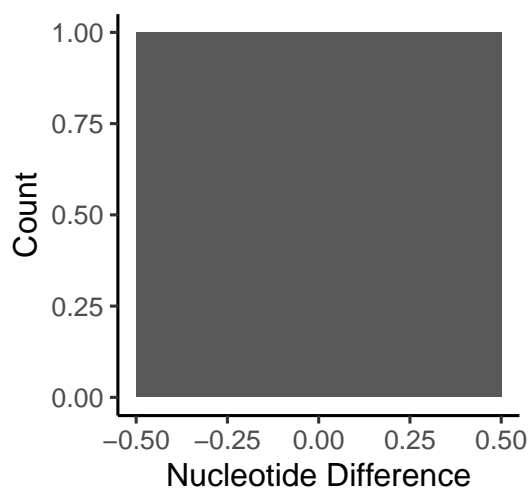
### TRBV11–3\*bp01

6 sequences assigned  
2 (33.3%) exact matches, in which:  
2 unique CDR3  
2 unique J



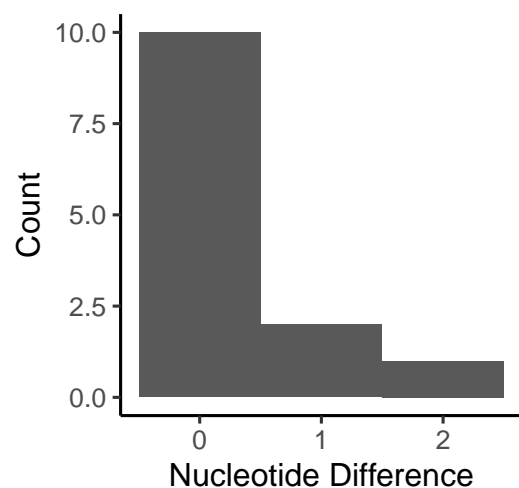
### TRBV23–1\*bp01

1 sequences assigned  
1 (100%) exact matches, in which:  
1 unique CDR3  
1 unique J



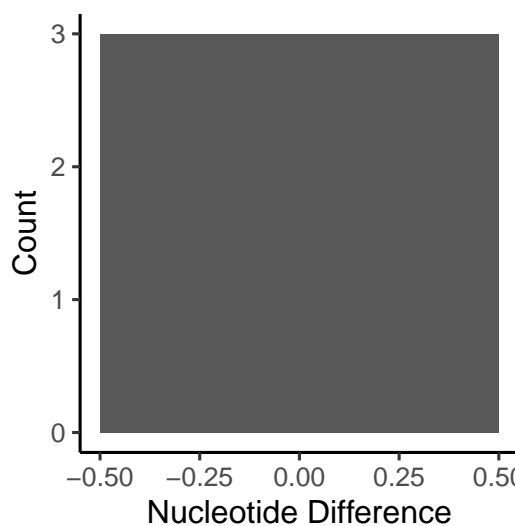
### TRBV4–2\*bp01

13 sequences assigned  
10 (76.9%) exact matches, in which:  
10 unique CDR3  
5 unique J



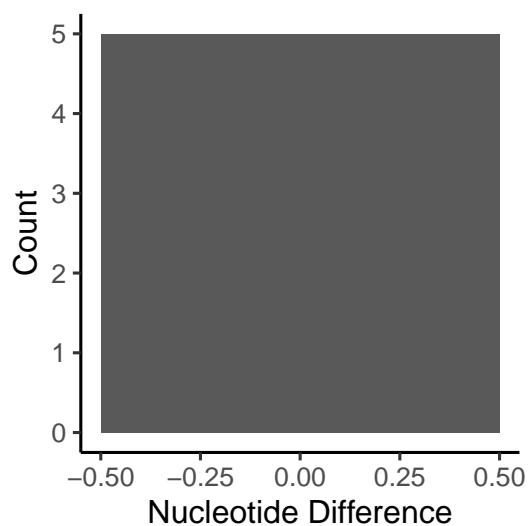
### TRBV12–5\*bp01

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



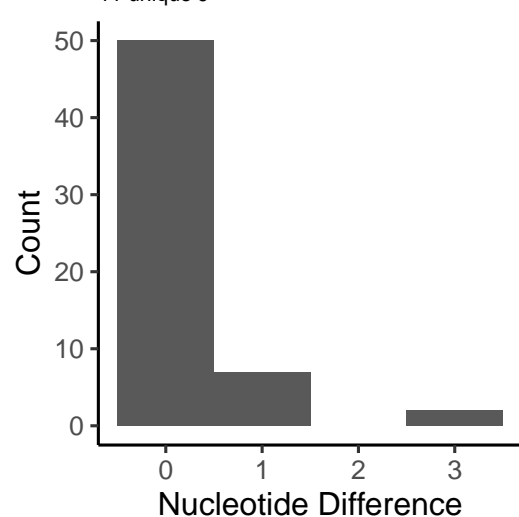
### TRBV4–1\*bp01

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



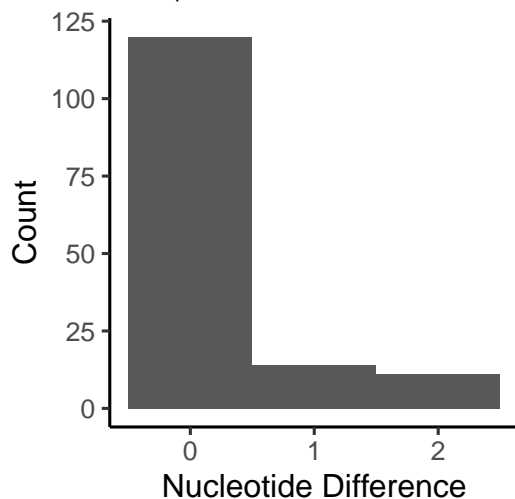
### TRBV4–3\*bp01

59 sequences assigned  
50 (84.7%) exact matches, in which:  
45 unique CDR3  
11 unique J



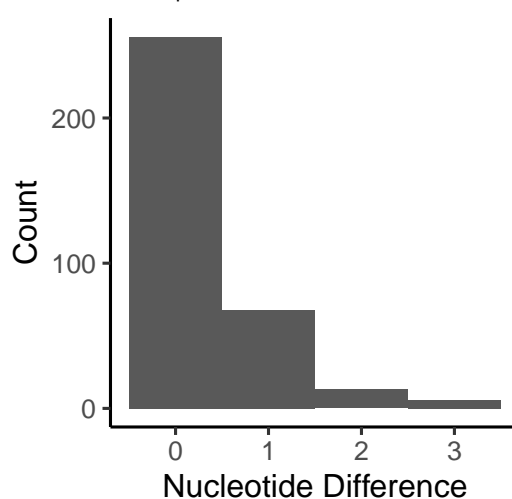
### TRBV5-1\*bp01

145 sequences assigned  
120 (82.8%) exact matches, in which:  
106 unique CDR3  
13 unique J



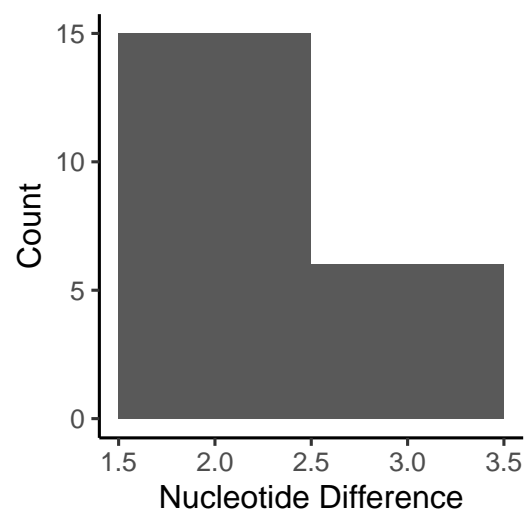
### TRBV5-4\*bp01

343 sequences assigned  
256 (74.6%) exact matches, in which:  
208 unique CDR3  
13 unique J



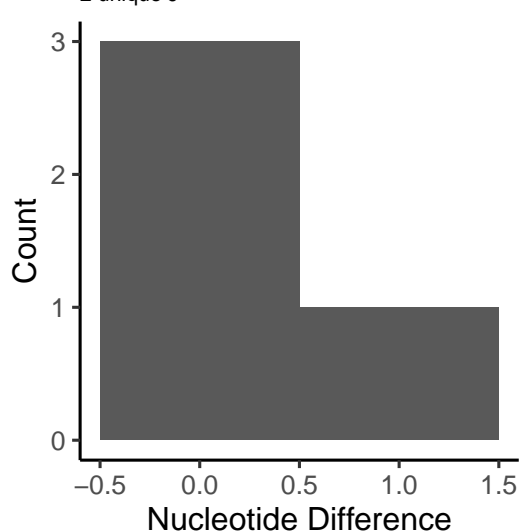
### TRBV5-7\*bp01

21 sequences assigned  
No exact matches.



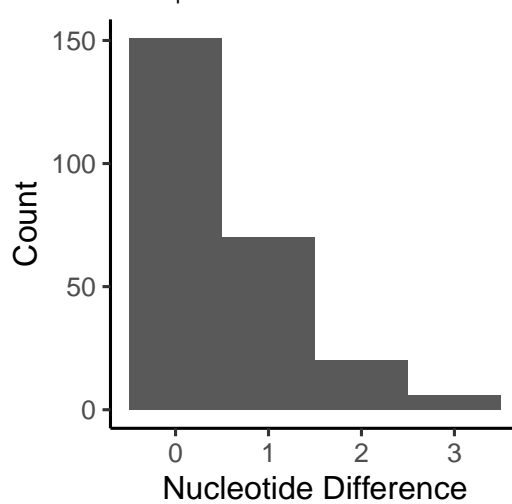
### TRBV25-1\*bp01

4 sequences assigned  
3 (75%) exact matches, in which:  
3 unique CDR3  
2 unique J



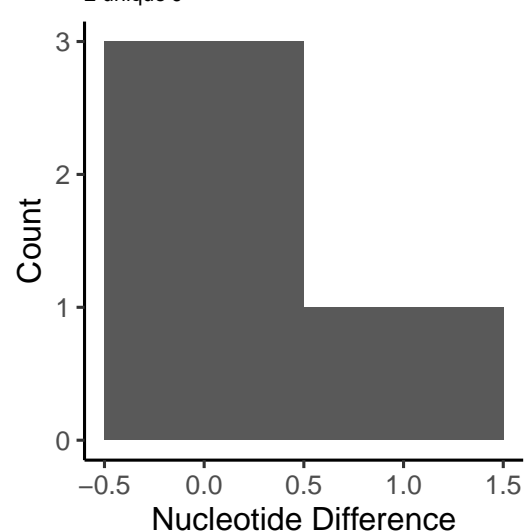
### TRBV5-5\*bp01

247 sequences assigned  
151 (61.1%) exact matches, in which:  
118 unique CDR3  
13 unique J



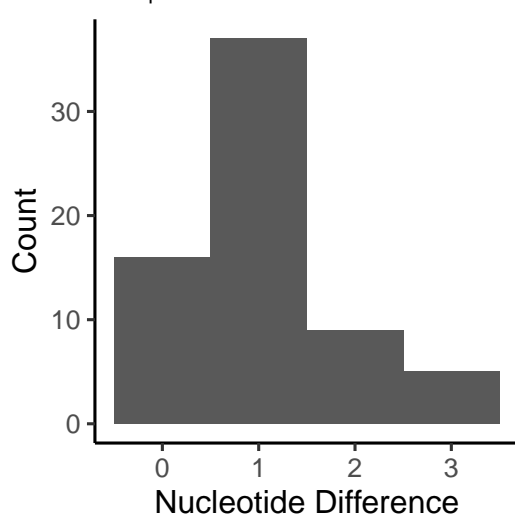
### TRBV5-8\*bp01

4 sequences assigned  
3 (75%) exact matches, in which:  
3 unique CDR3  
2 unique J



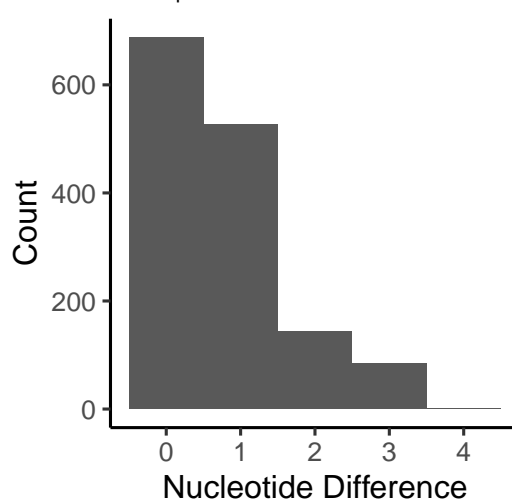
### TRBV5-3\*bp01

67 sequences assigned  
16 (23.9%) exact matches, in which:  
15 unique CDR3  
6 unique J



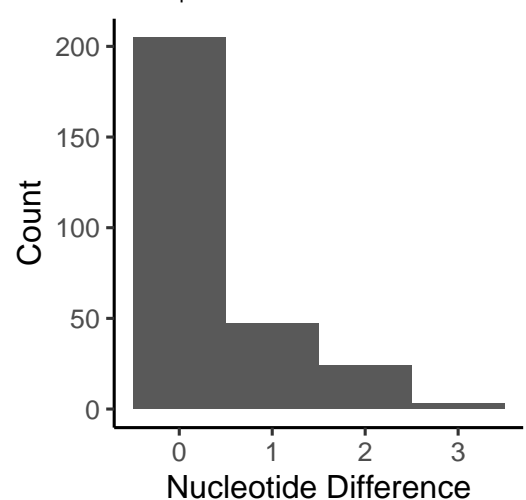
### TRBV5-6\*bp01

1444 sequences assigned  
688 (47.6%) exact matches, in which:  
473 unique CDR3  
13 unique J



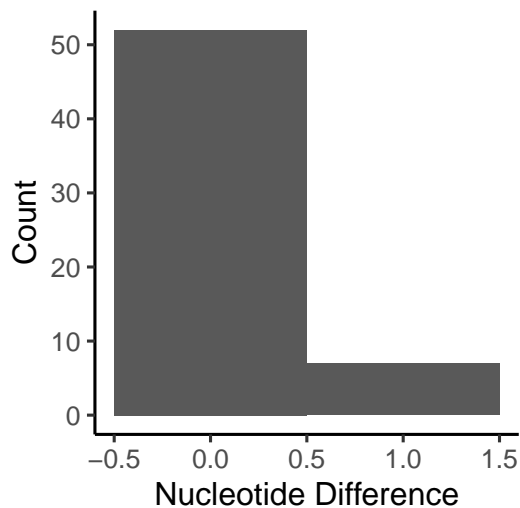
### TRBV6-1\*bp01

279 sequences assigned  
205 (73.5%) exact matches, in which:  
186 unique CDR3  
13 unique J



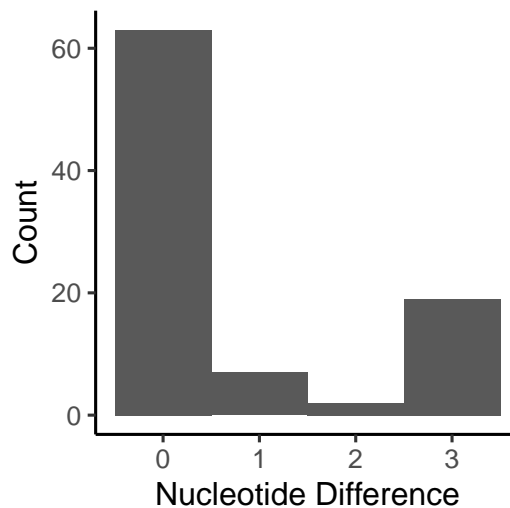
### TRBV6-4\*bp01

59 sequences assigned  
52 (88.1%) exact matches, in which:  
39 unique CDR3  
9 unique J



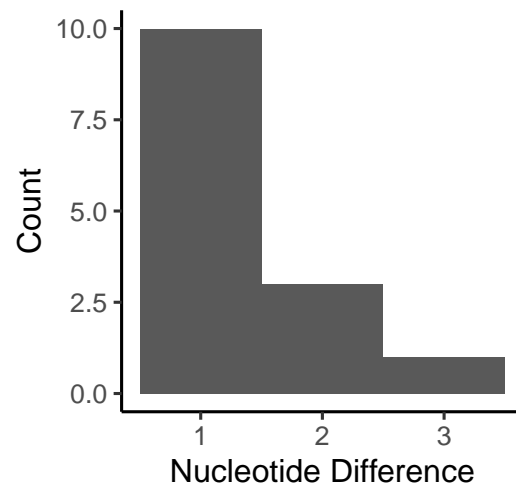
### TRBV6-6\*bp02

91 sequences assigned  
63 (69.2%) exact matches, in which:  
52 unique CDR3  
11 unique J



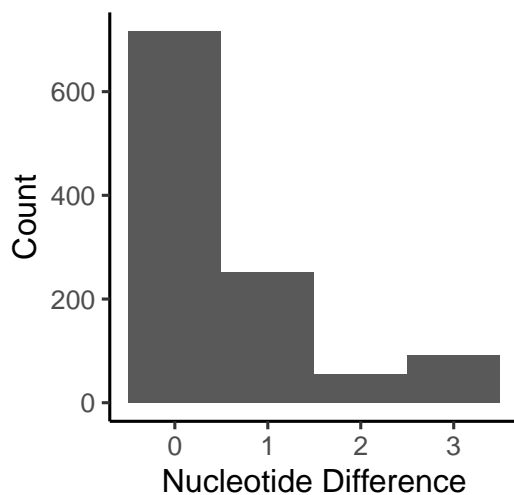
### TRBV6-9\*bp01

14 sequences assigned  
No exact matches.



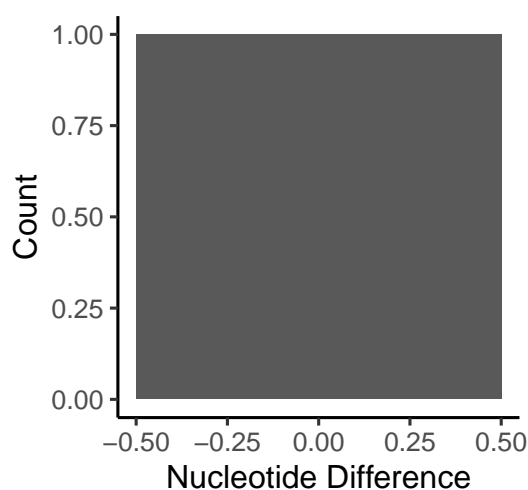
### TRBV6-5\*bp01

1115 sequences assigned  
717 (64.3%) exact matches, in which:  
619 unique CDR3  
13 unique J



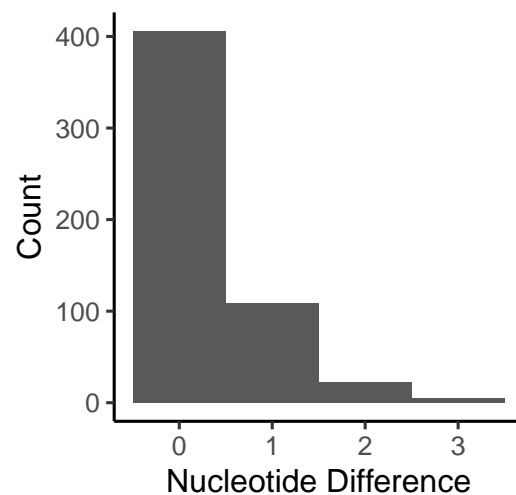
### TRBV6-7\*bp01

1 sequences assigned  
1 (100%) exact matches, in which:  
1 unique CDR3  
1 unique J



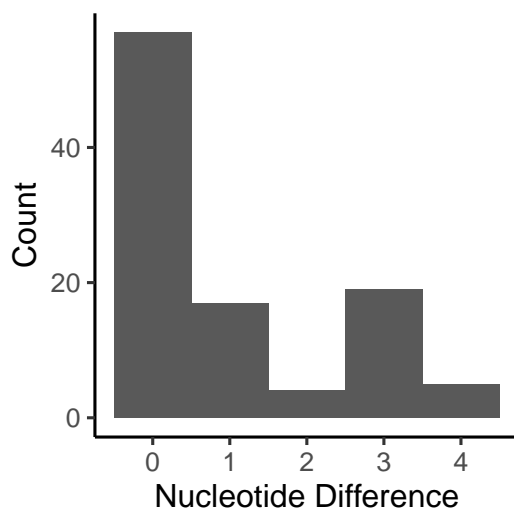
### TRBV6-23\*bp01

542 sequences assigned  
406 (74.9%) exact matches, in which:  
356 unique CDR3  
13 unique J



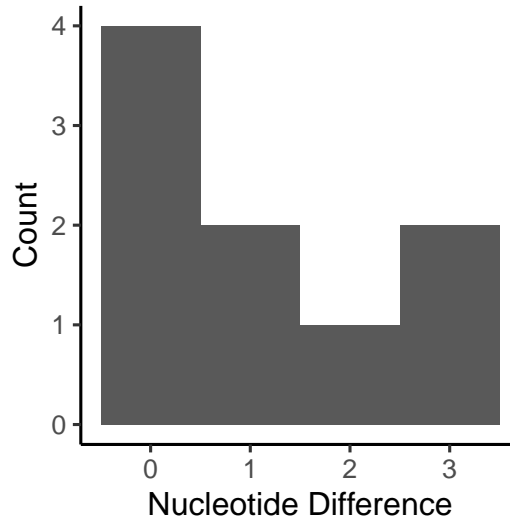
### TRBV6-6\*bp01

102 sequences assigned  
57 (55.9%) exact matches, in which:  
52 unique CDR3  
12 unique J



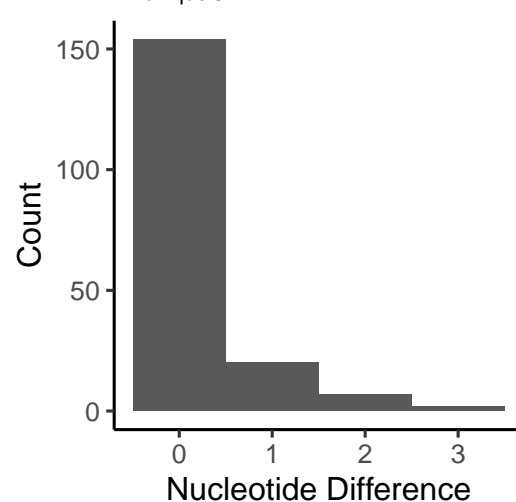
### TRBV6-8\*bp01

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



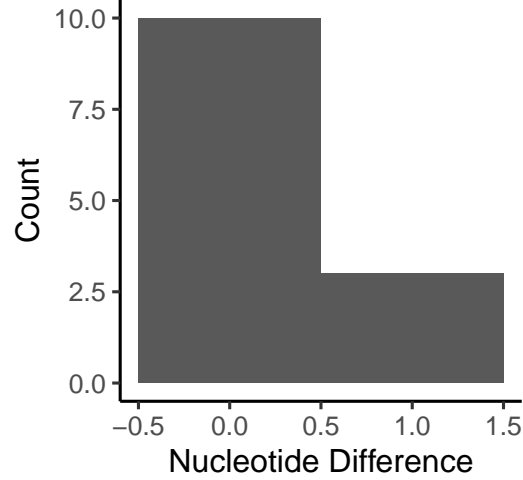
### TRBV7-2\*bp01

183 sequences assigned  
154 (84.2%) exact matches, in which:  
124 unique CDR3  
11 unique J



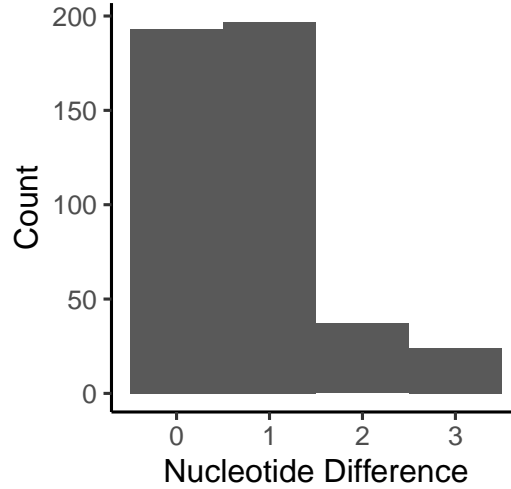
### TRBV7-3\*bp01

13 sequences assigned  
10 (76.9%) exact matches, in which:  
9 unique CDR3  
6 unique J



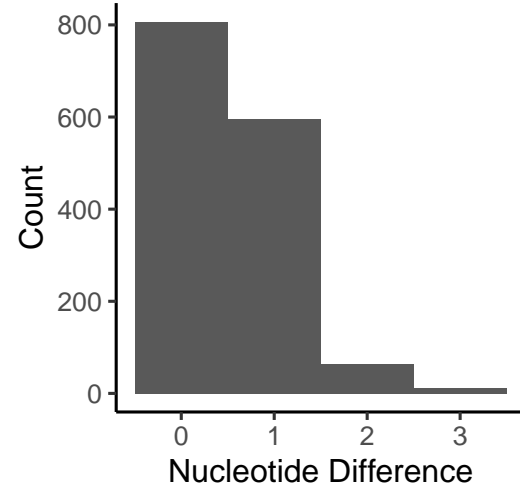
### TRBV7-6\*bp01

451 sequences assigned  
193 (42.8%) exact matches, in which:  
141 unique CDR3  
13 unique J



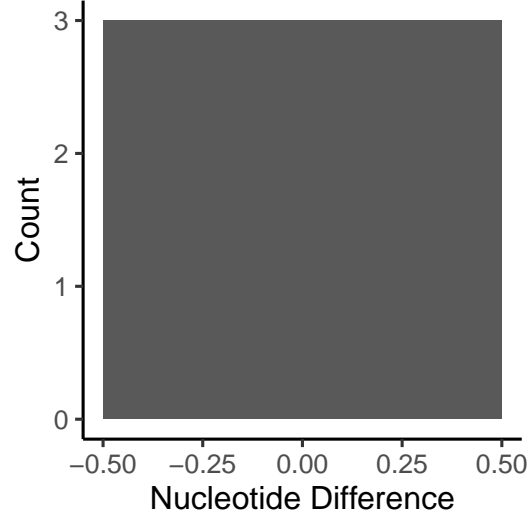
### TRBV29-1\*bp01

1478 sequences assigned  
807 (54.6%) exact matches, in which:  
541 unique CDR3  
13 unique J



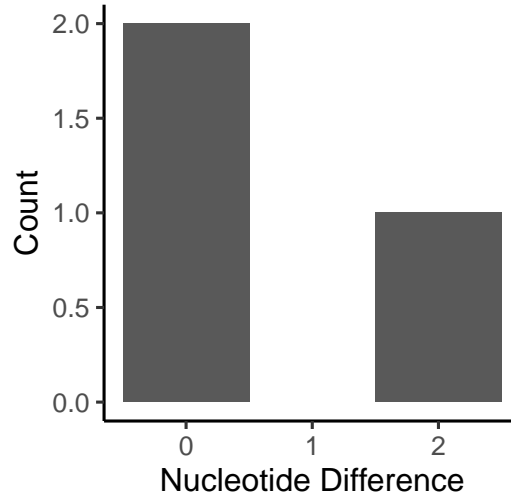
### TRBV7-3\*bp02

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



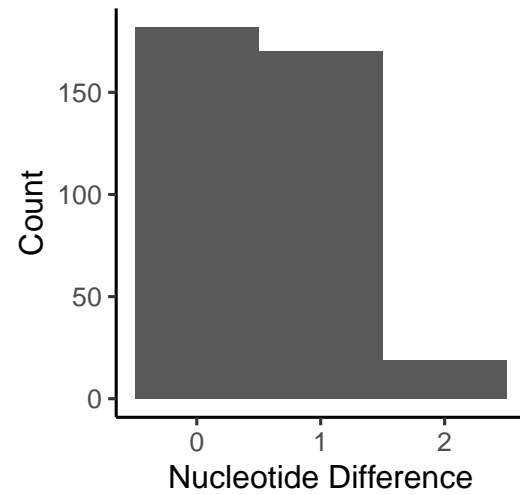
### TRBV7-7\*bp01

3 sequences assigned  
2 (66.7%) exact matches, in which:  
1 unique CDR3  
1 unique J



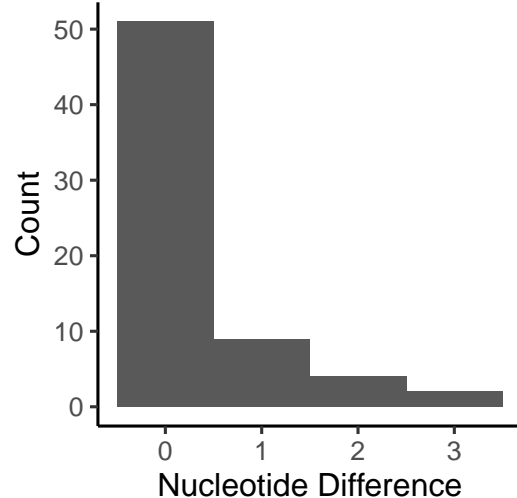
### TRBV29-1\*bp03

371 sequences assigned  
182 (49.1%) exact matches, in which:  
124 unique CDR3  
11 unique J



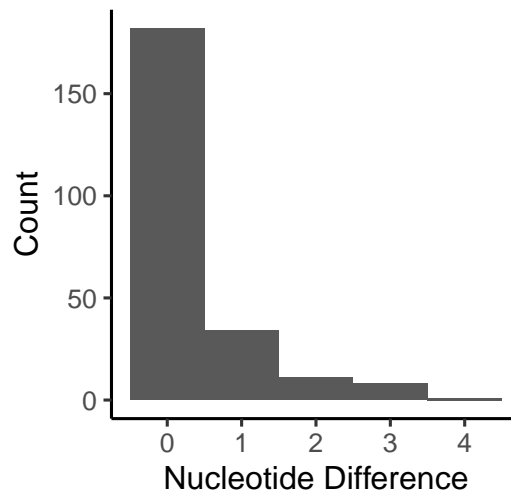
### TRBV7-4\*bp01

66 sequences assigned  
51 (77.3%) exact matches, in which:  
36 unique CDR3  
9 unique J



### TRBV7-9\*bp01

236 sequences assigned  
182 (77.1%) exact matches, in which:  
155 unique CDR3  
13 unique J





Warning: sequence(s) for allele(s) TRAV1-1\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV12-1\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV26-1\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV21\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV16\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV26-2\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV8-3\*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV4\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV13-2\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV38-1\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV13-1\*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV8-2\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV8-1\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV23/DV6\*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV10\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV14/DV4\*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV8-3\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV9-1\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV39\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV2\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV25\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV36/DV7\*04 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV30\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV40\*01 can't be found in the reference set or the novel alleles file.

Warning - no inferred sequences found.