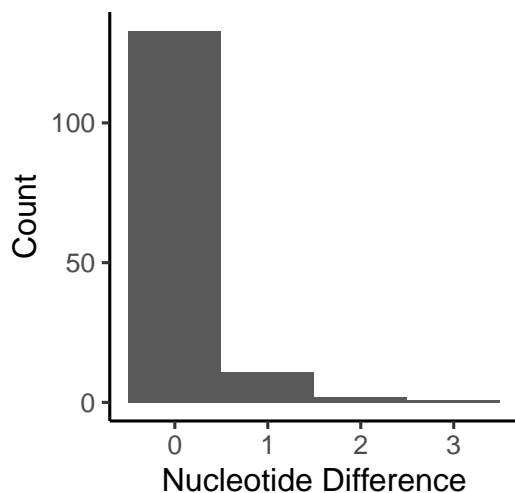


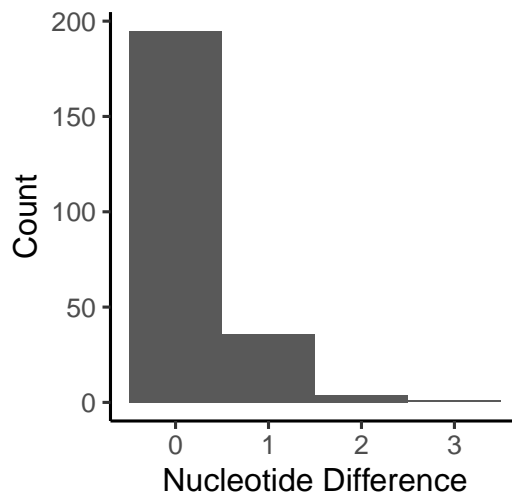
### TRBV20–1\*bp01

147 sequences assigned  
133 (90.5%) exact matches, in which:  
125 unique CDR3  
12 unique J



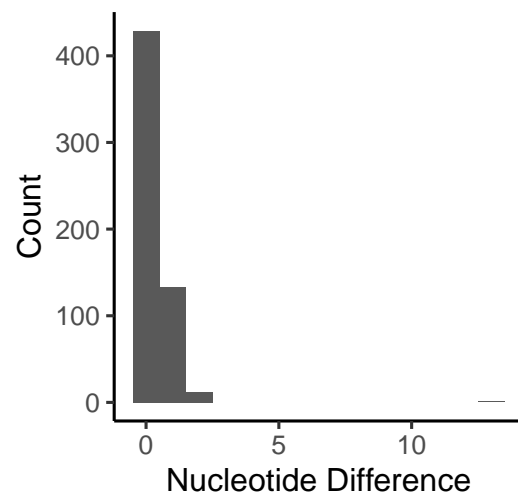
### TRBV10–3\*bp01

236 sequences assigned  
195 (82.6%) exact matches, in which:  
173 unique CDR3  
13 unique J



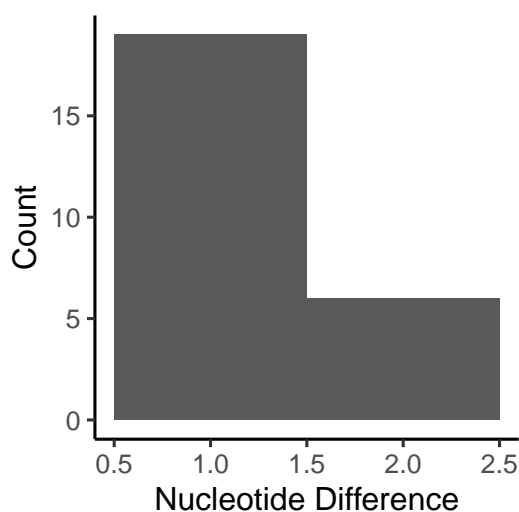
### TRBV15\*bp02

575 sequences assigned  
429 (74.6%) exact matches, in which:  
269 unique CDR3  
14 unique J



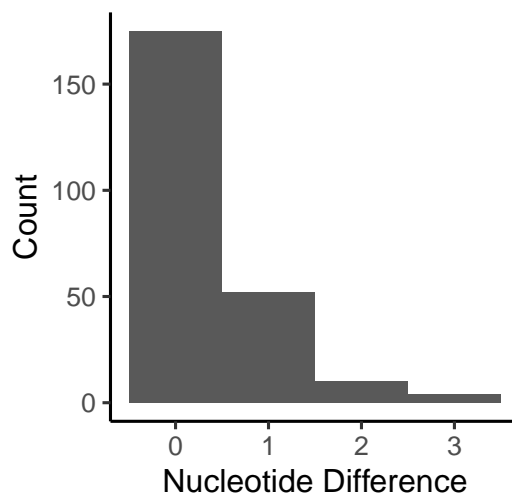
### TRBV10–1\*bp02

25 sequences assigned  
No exact matches.



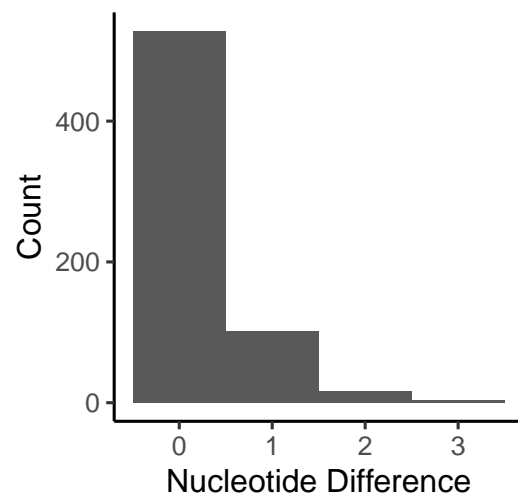
### TRBV13\*bp01

241 sequences assigned  
175 (72.6%) exact matches, in which:  
139 unique CDR3  
13 unique J



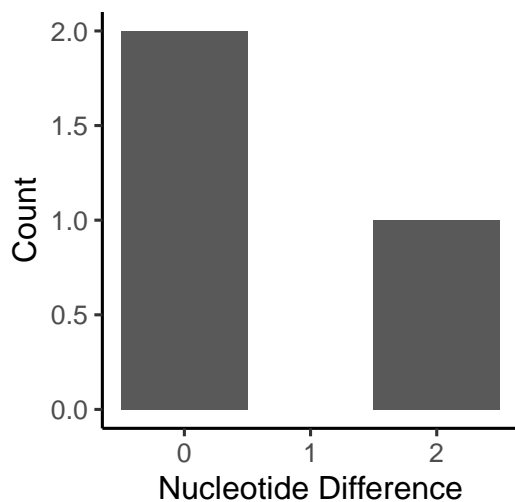
### TRBV18\*bp01

649 sequences assigned  
528 (81.4%) exact matches, in which:  
384 unique CDR3  
14 unique J



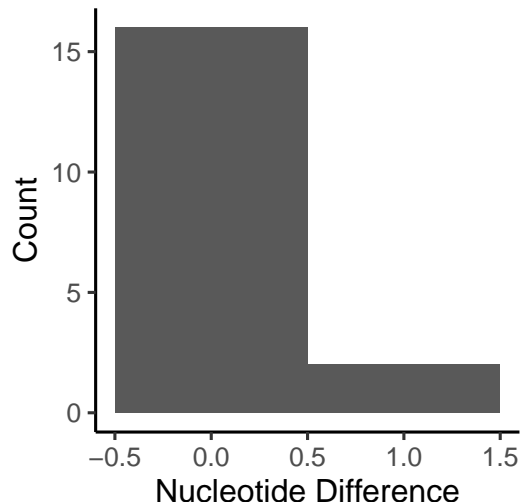
### TRBV10–2\*bp01

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



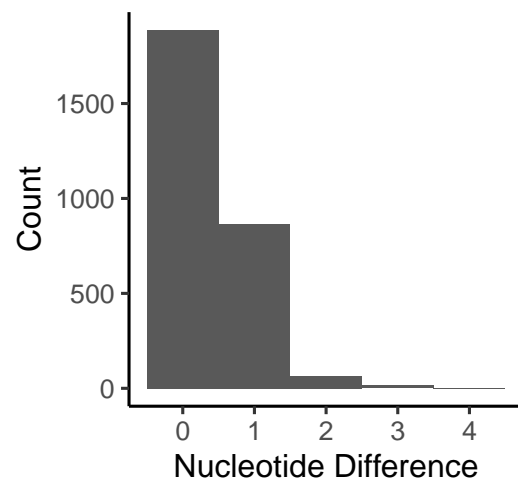
### TRBV14\*bp01

18 sequences assigned  
16 (88.9%) exact matches, in which:  
15 unique CDR3  
7 unique J



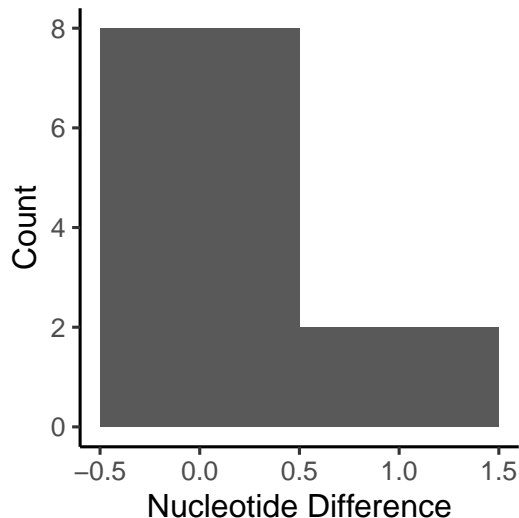
### TRBV19\*bp01

2834 sequences assigned  
1887 (66.6%) exact matches, in which:  
1208 unique CDR3  
14 unique J



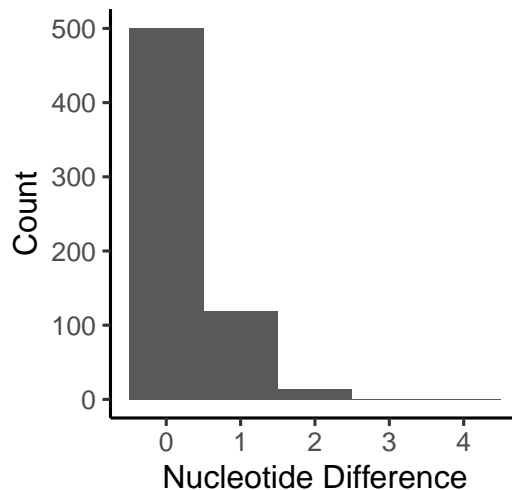
### TRBV2\*bp01

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



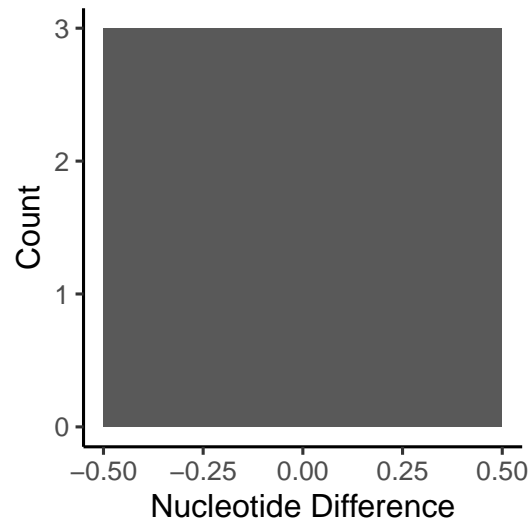
### TRBV30\*bp01

636 sequences assigned  
501 (78.8%) exact matches, in which:  
270 unique CDR3  
13 unique J



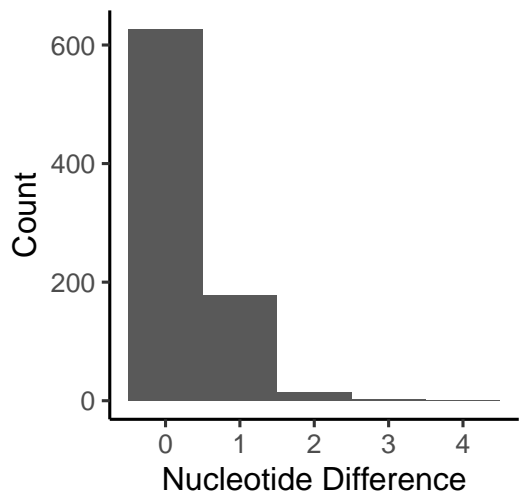
### TRBV21-1\*bp01

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



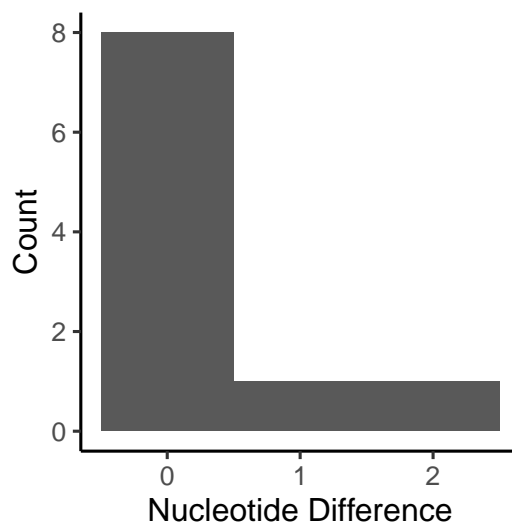
### TRBV27\*bp01

823 sequences assigned  
627 (76.2%) exact matches, in which:  
508 unique CDR3  
14 unique J



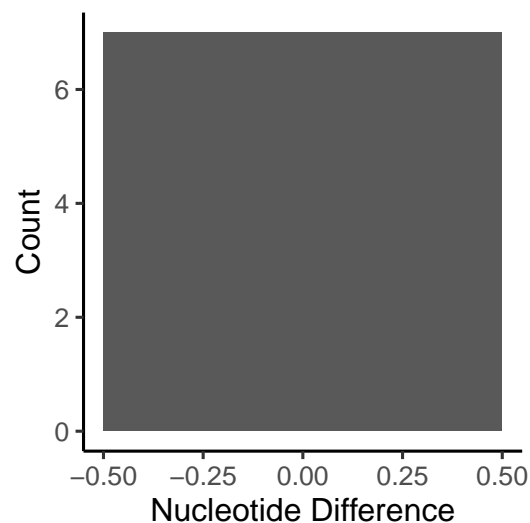
### TRBV9\*bp01

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



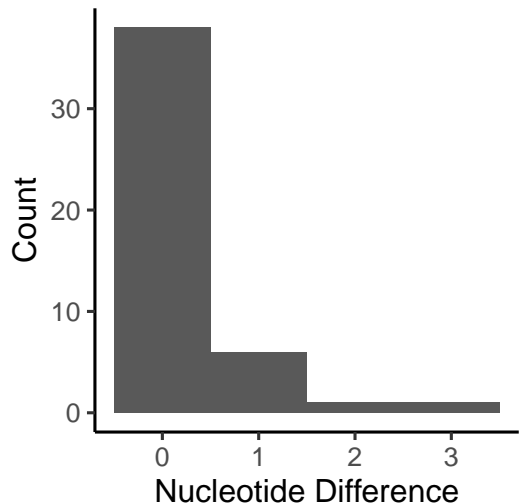
### TRBV21-1\*bp02

7 sequences assigned  
7 (100%) exact matches, in which:  
7 unique CDR3  
6 unique J



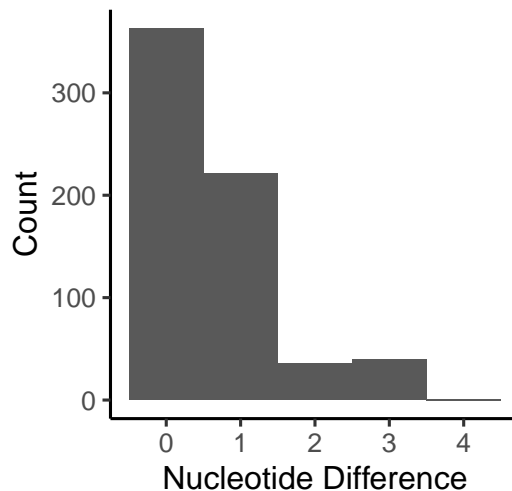
### TRBV28\*bp01

46 sequences assigned  
38 (82.6%) exact matches, in which:  
37 unique CDR3  
10 unique J



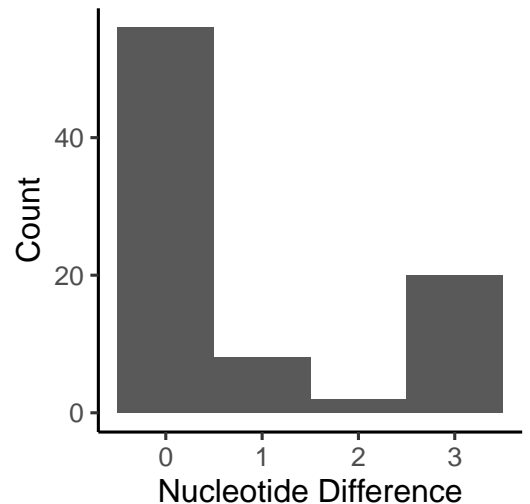
### TRBV11-1\*bp01

661 sequences assigned  
363 (54.9%) exact matches, in which:  
264 unique CDR3  
14 unique J



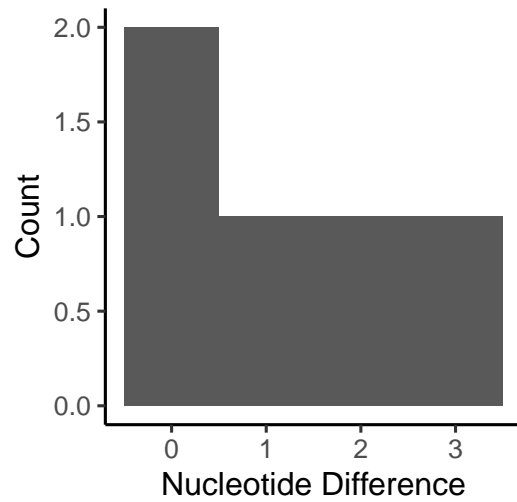
### TRBV11-2\*bp01

86 sequences assigned  
56 (65.1%) exact matches, in which:  
54 unique CDR3  
12 unique J



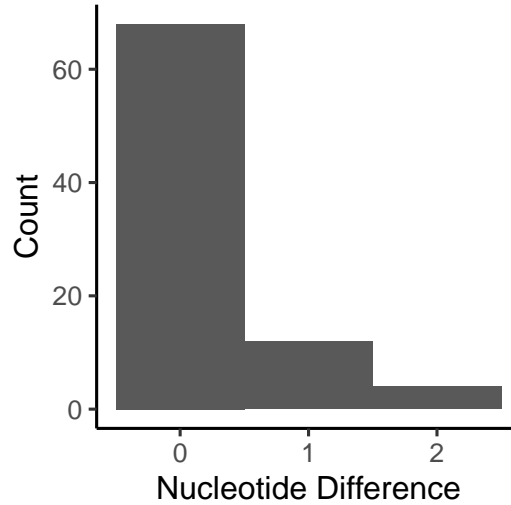
### TRBV11–3\*bp01

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



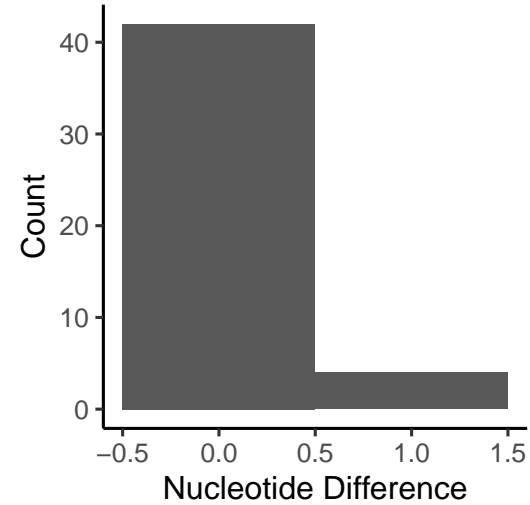
### TRBV24–1\*bp01

84 sequences assigned  
68 (81%) exact matches, in which:  
61 unique CDR3  
10 unique J



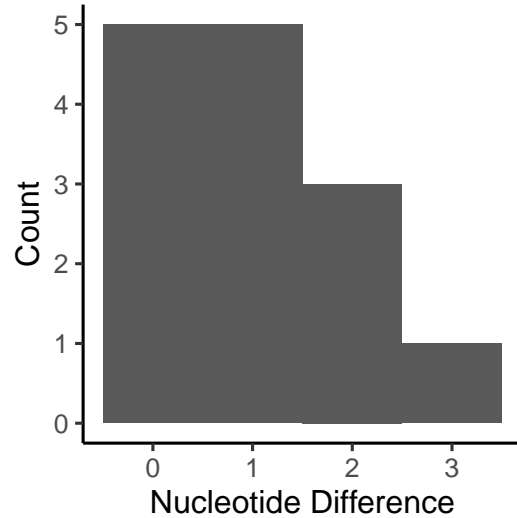
### TRBV4–2\*bp01

46 sequences assigned  
42 (91.3%) exact matches, in which:  
41 unique CDR3  
9 unique J



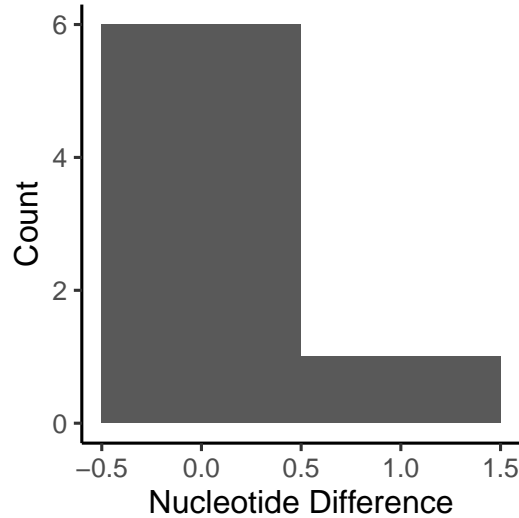
### TRBV12–5\*bp01

14 sequences assigned  
5 (35.7%) exact matches, in which:  
5 unique CDR3  
4 unique J



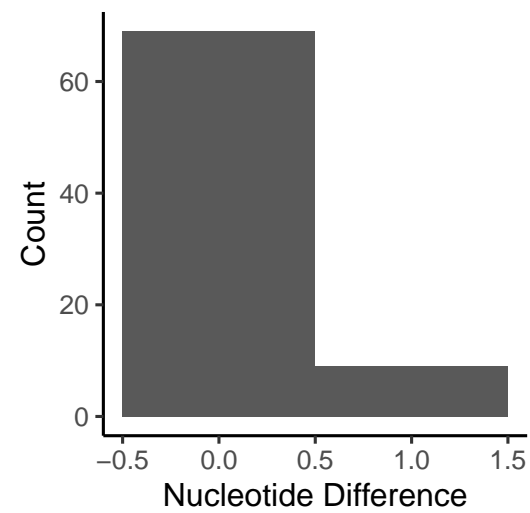
### TRBV4–1\*bp01

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



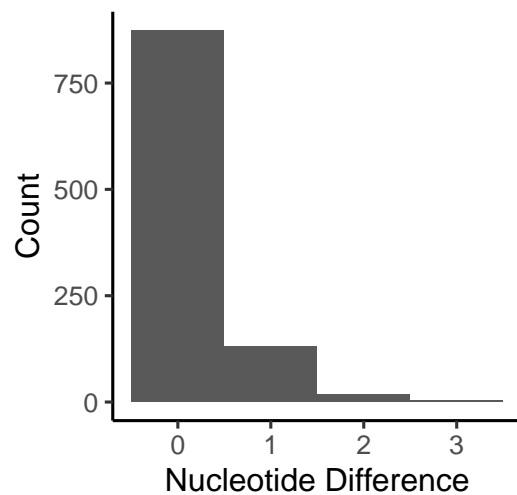
### TRBV4–3\*bp01

78 sequences assigned  
69 (88.5%) exact matches, in which:  
69 unique CDR3  
13 unique J



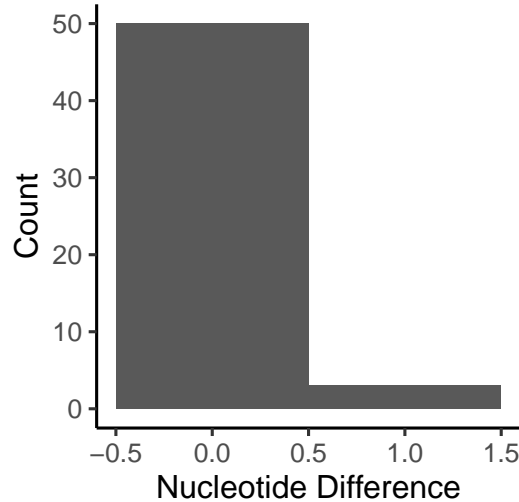
### TRBV12–34\*bp01

1026 sequences assigned  
874 (85.2%) exact matches, in which:  
581 unique CDR3  
14 unique J



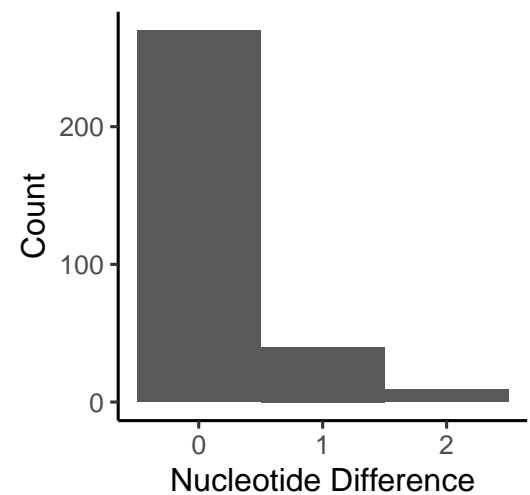
### TRBV24–1\*bp02

53 sequences assigned  
50 (94.3%) exact matches, in which:  
47 unique CDR3  
11 unique J



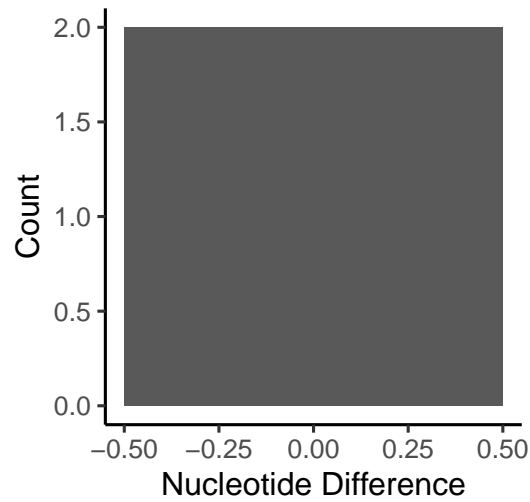
### TRBV5–1\*bp01

319 sequences assigned  
270 (84.6%) exact matches, in which:  
243 unique CDR3  
14 unique J



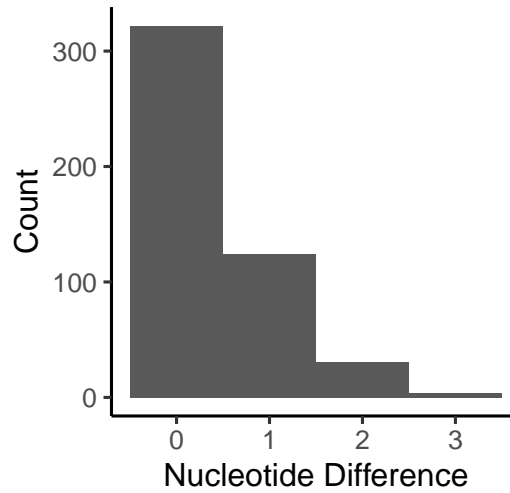
### TRBV25-1\*bp01

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



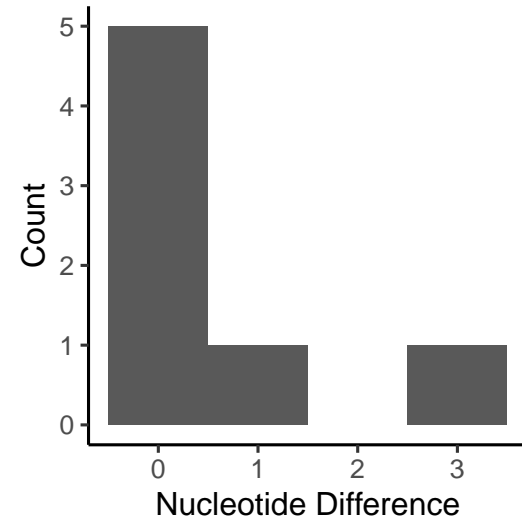
### TRBV5-5\*bp01

481 sequences assigned  
322 (66.9%) exact matches, in which:  
225 unique CDR3  
14 unique J



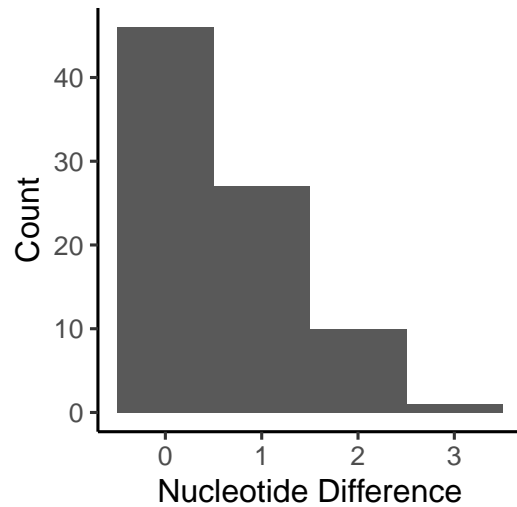
### TRBV5-8\*bp01

7 sequences assigned  
5 (71.4%) exact matches, in which:  
4 unique CDR3  
2 unique J



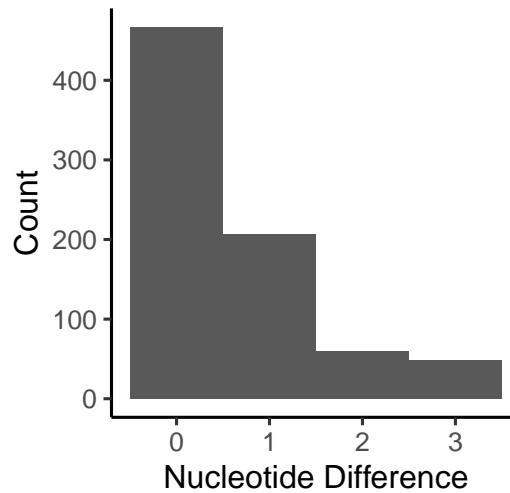
### TRBV5-3\*bp01

84 sequences assigned  
46 (54.8%) exact matches, in which:  
34 unique CDR3  
11 unique J



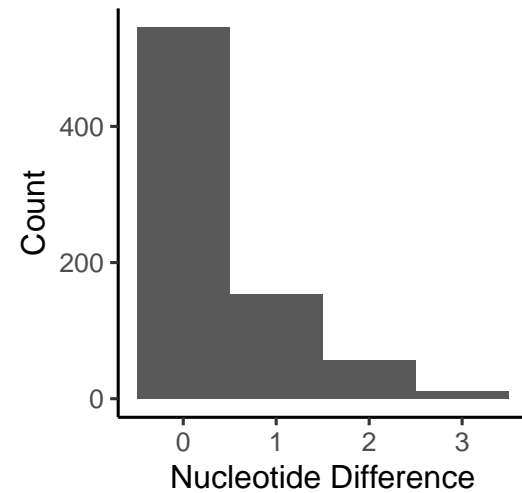
### TRBV5-6\*bp01

782 sequences assigned  
467 (59.7%) exact matches, in which:  
338 unique CDR3  
14 unique J



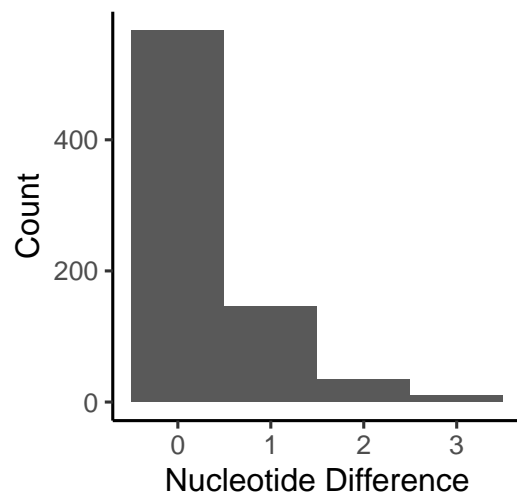
### TRBV6-1\*bp01

767 sequences assigned  
546 (71.2%) exact matches, in which:  
461 unique CDR3  
14 unique J



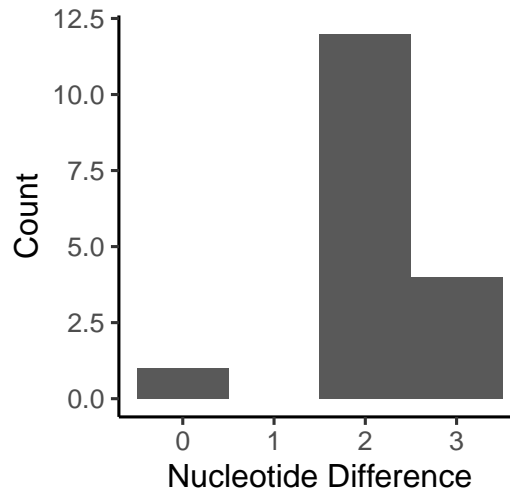
### TRBV5-4\*bp01

758 sequences assigned  
567 (74.8%) exact matches, in which:  
407 unique CDR3  
14 unique J



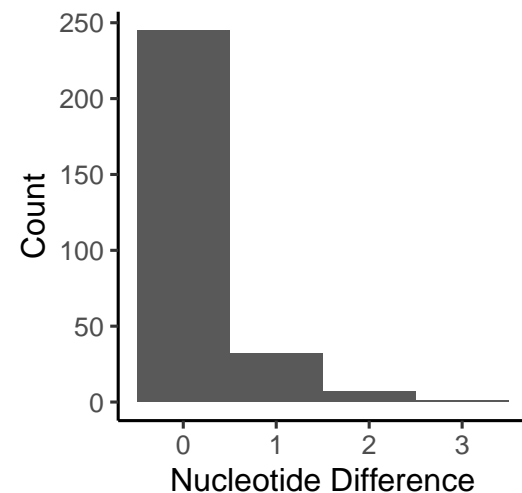
### TRBV5-7\*bp01

17 sequences assigned  
1 (5.9%) exact matches, in which:  
1 unique CDR3  
1 unique J



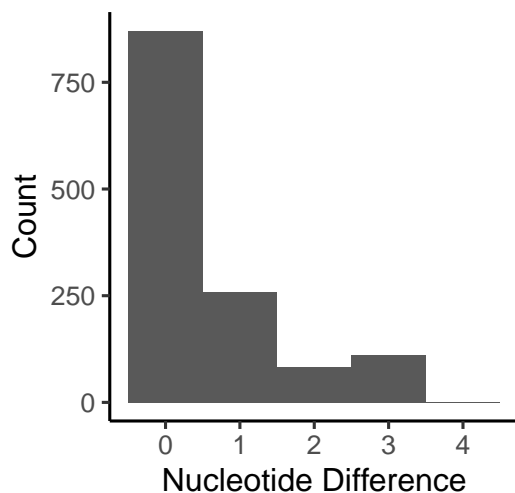
### TRBV6-4\*bp01

285 sequences assigned  
245 (86%) exact matches, in which:  
200 unique CDR3  
14 unique J



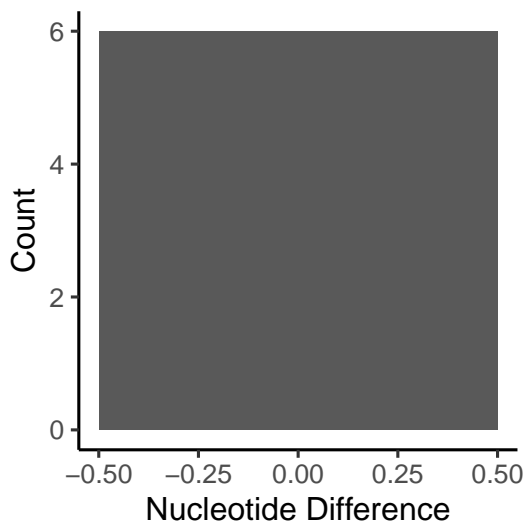
### TRBV6-5\*bp01

1325 sequences assigned  
871 (65.7%) exact matches, in which:  
733 unique CDR3  
14 unique J



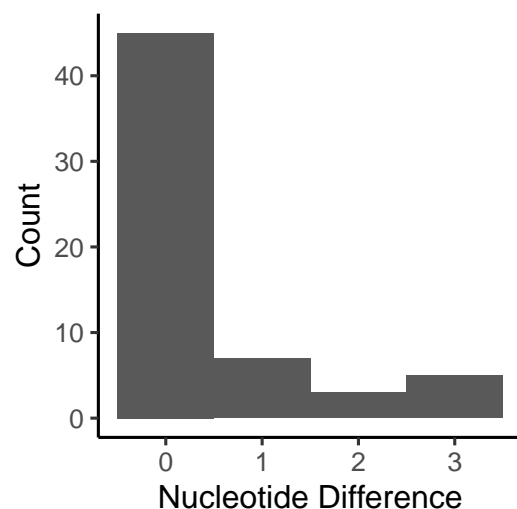
### TRBV6-9\*bp01

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



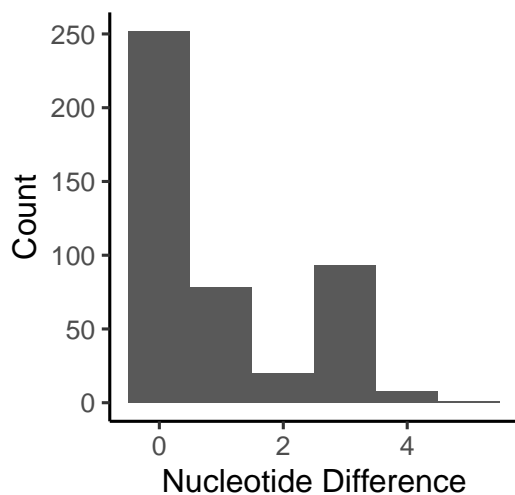
### TRBV7-3\*bp01

60 sequences assigned  
45 (75%) exact matches, in which:  
41 unique CDR3  
11 unique J



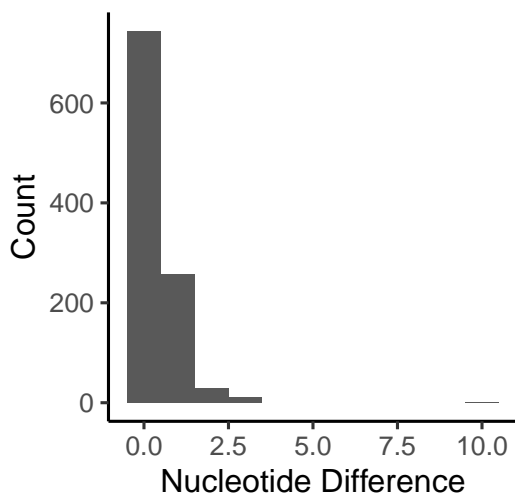
### TRBV6-6\*bp01

452 sequences assigned  
252 (55.8%) exact matches, in which:  
219 unique CDR3  
14 unique J



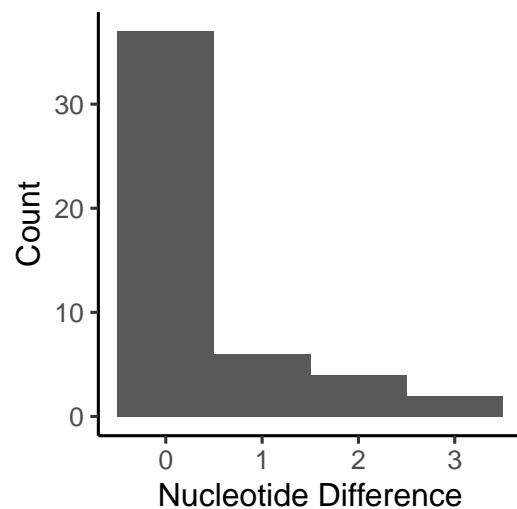
### TRBV6-23\*bp01

1043 sequences assigned  
744 (71.3%) exact matches, in which:  
629 unique CDR3  
14 unique J



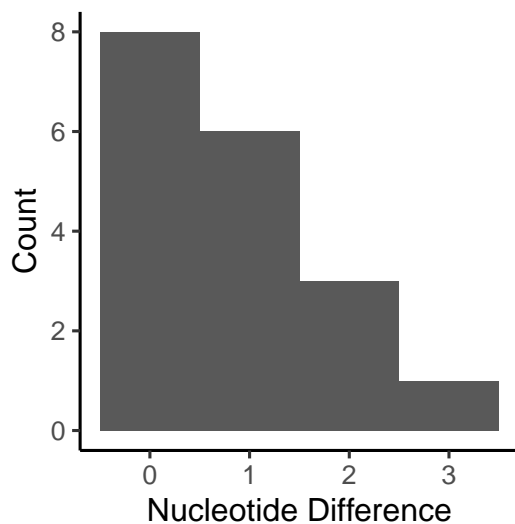
### TRBV7-4\*bp01

49 sequences assigned  
37 (75.5%) exact matches, in which:  
25 unique CDR3  
9 unique J



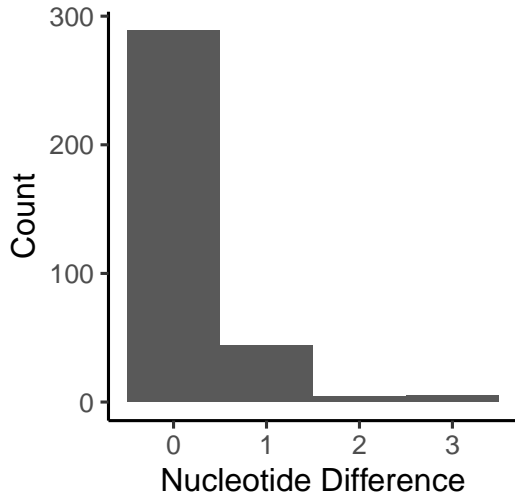
### TRBV6-8\*bp01

18 sequences assigned  
8 (44.4%) exact matches, in which:  
5 unique CDR3  
5 unique J



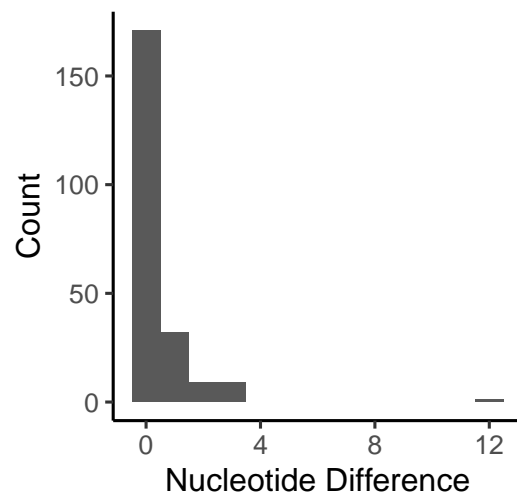
### TRBV7-2\*bp01

342 sequences assigned  
289 (84.5%) exact matches, in which:  
252 unique CDR3  
14 unique J



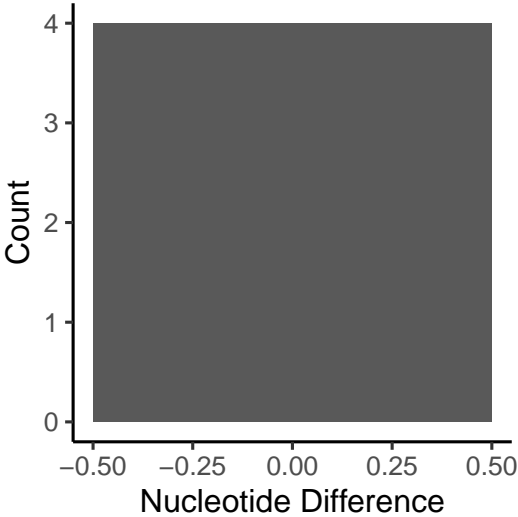
### TRBV7-6\*bp01

222 sequences assigned  
171 (77%) exact matches, in which:  
126 unique CDR3  
13 unique J



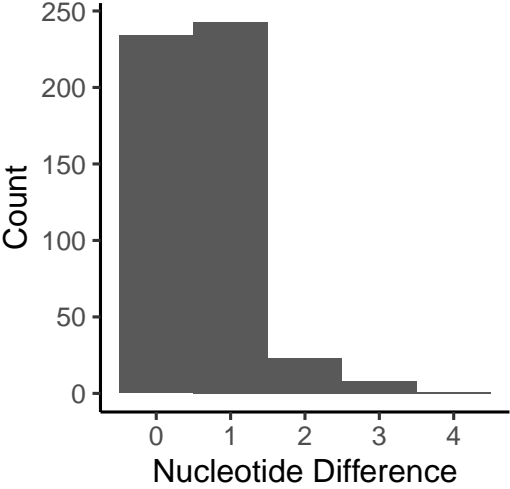
TRBV7-7\*bp01

4 sequences assigned  
4 (100%) exact matches, in which:  
4 unique CDR3  
4 unique J



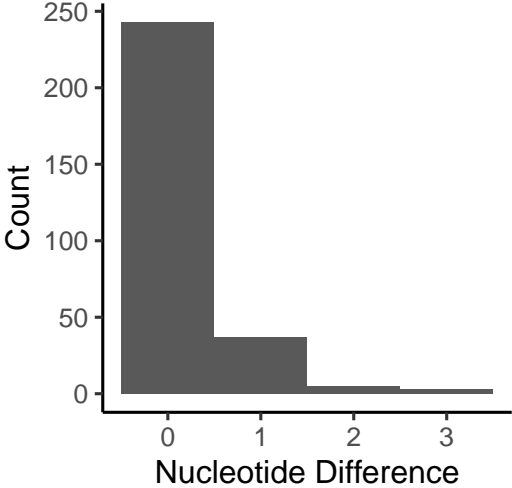
TRBV29-1\*bp03

509 sequences assigned  
234 (46%) exact matches, in which:  
159 unique CDR3  
12 unique J



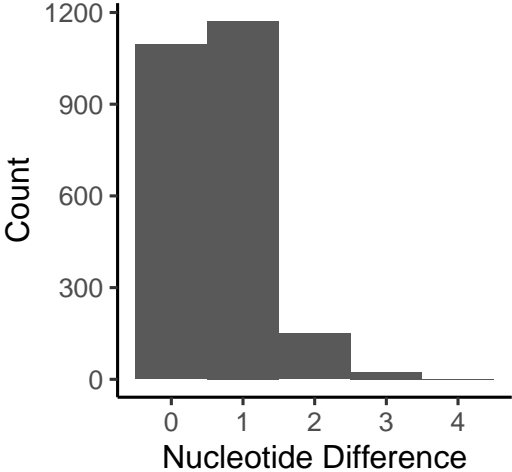
TRBV7-9\*bp01

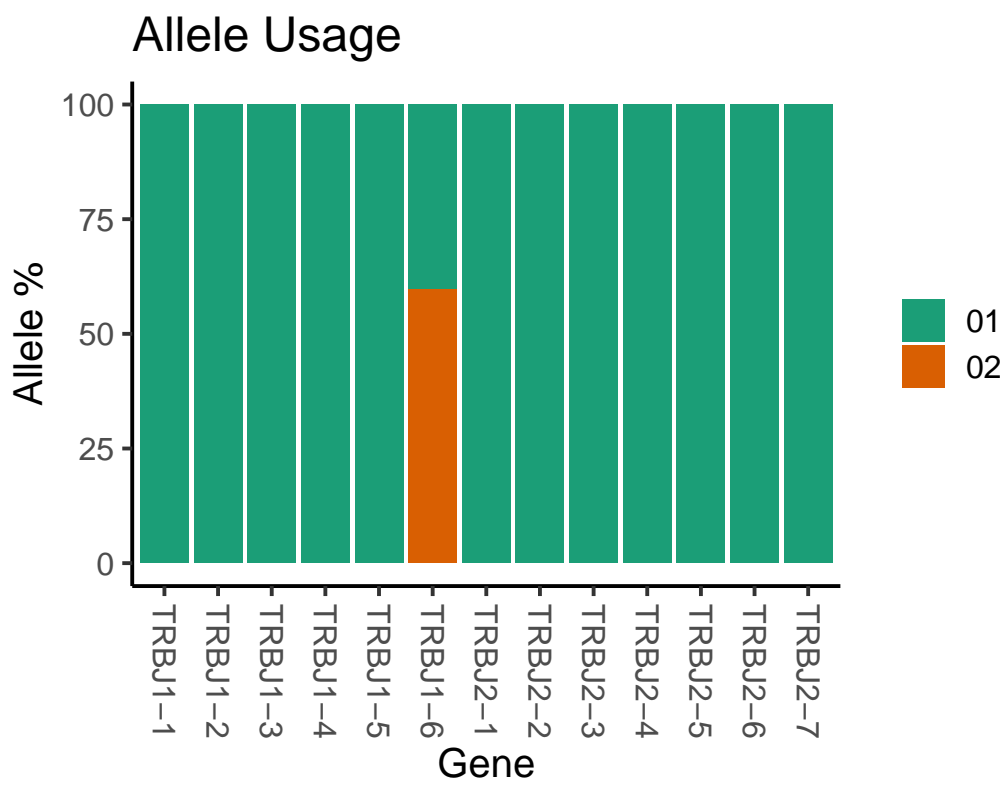
288 sequences assigned  
243 (84.4%) exact matches, in which:  
210 unique CDR3  
13 unique J



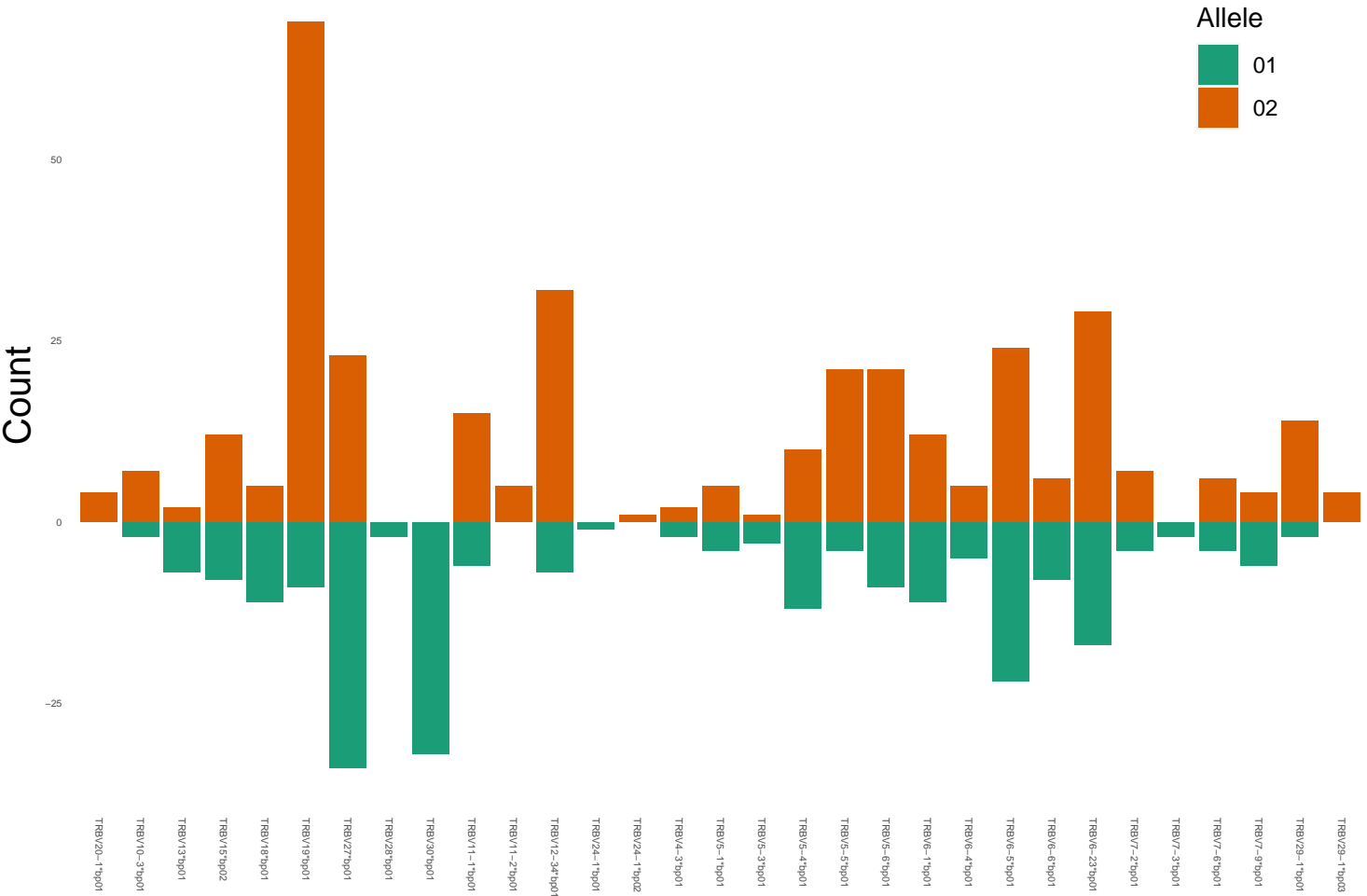
TRBV29-1\*bp01

2442 sequences assigned  
1095 (44.8%) exact matches, in which:  
704 unique CDR3  
14 unique J





Sequence Count by TRBJ1–6 allele usage





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.

Warning - no inferred sequences found.

Warning - no inferred sequences found.

Warning - no inferred sequences found.