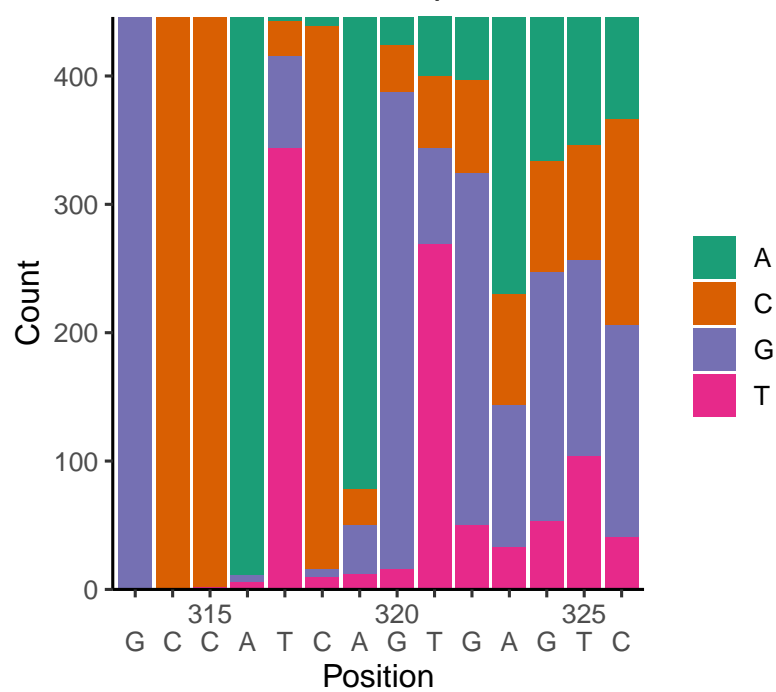
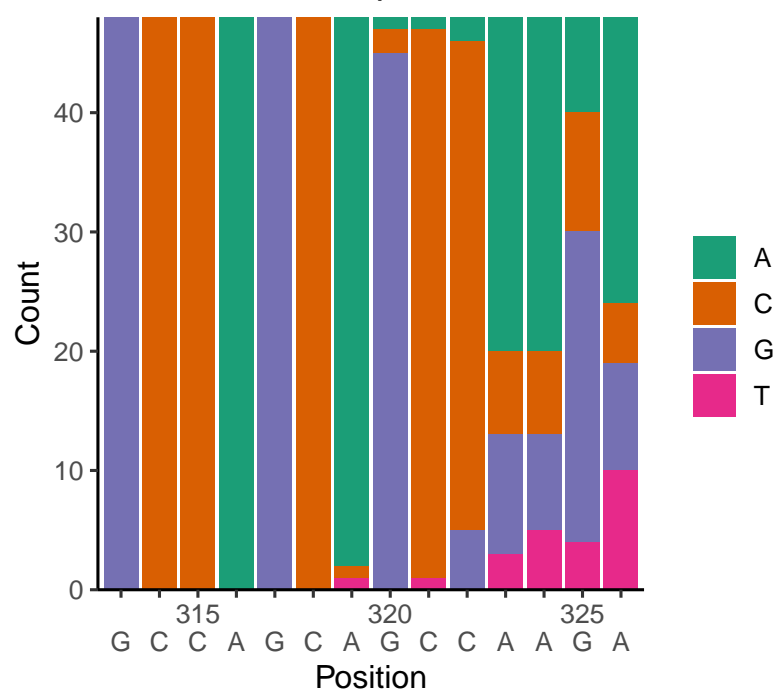


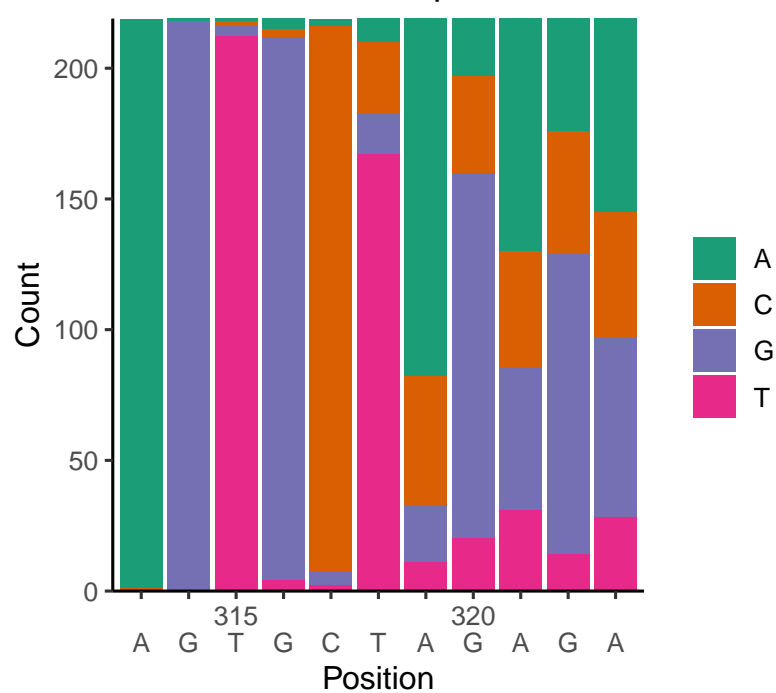
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



Gene TRBV14\*bp02\_322CAAGA326



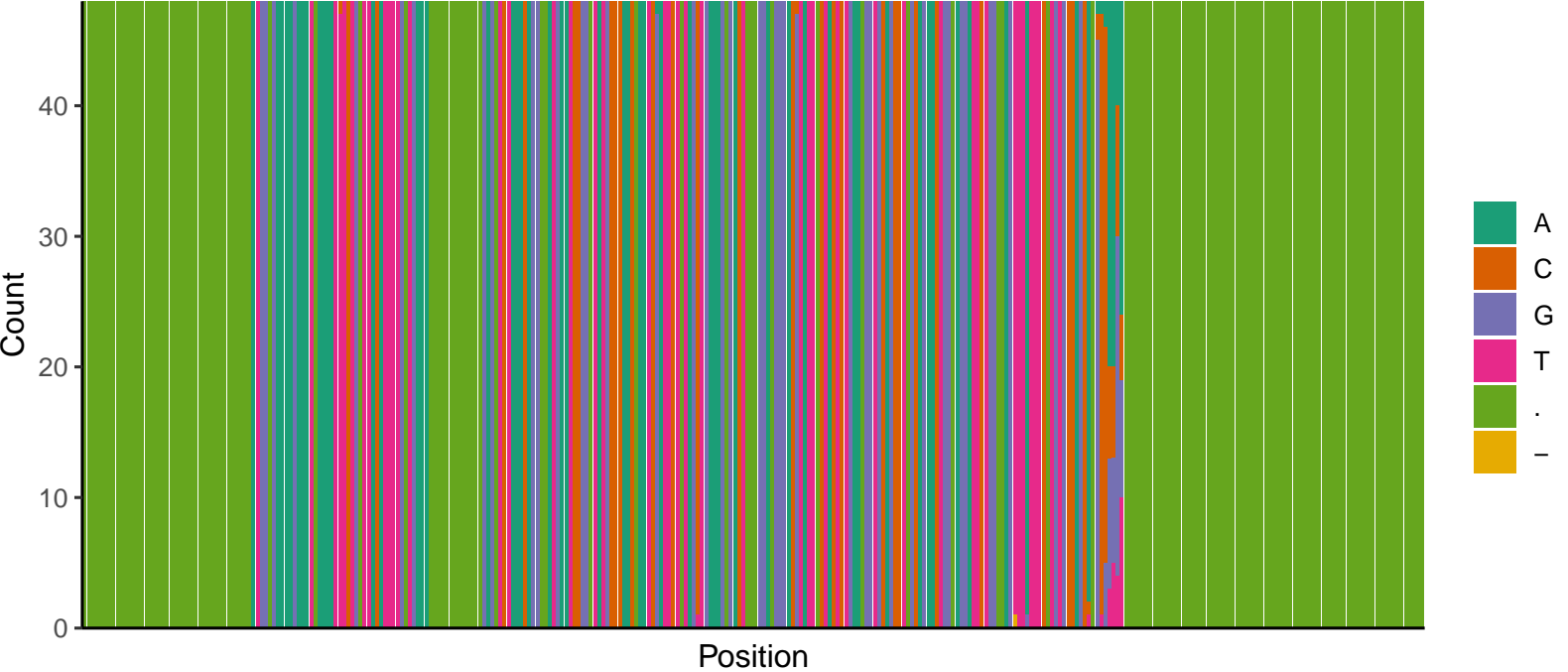
Gene TRBV20-1\*bp04\_322GA323



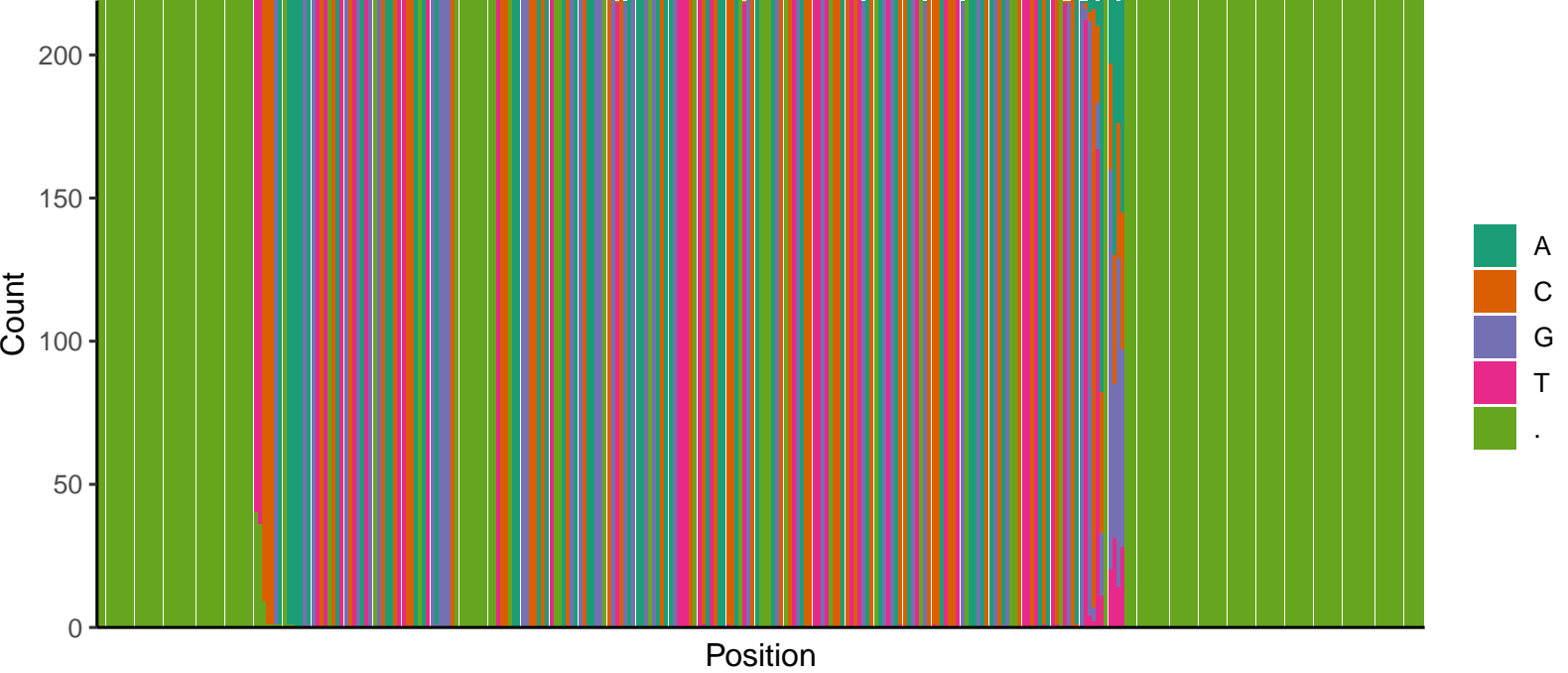
Gene TRBV10–3\*bp02\_313GCCATCAGTGAGTC326



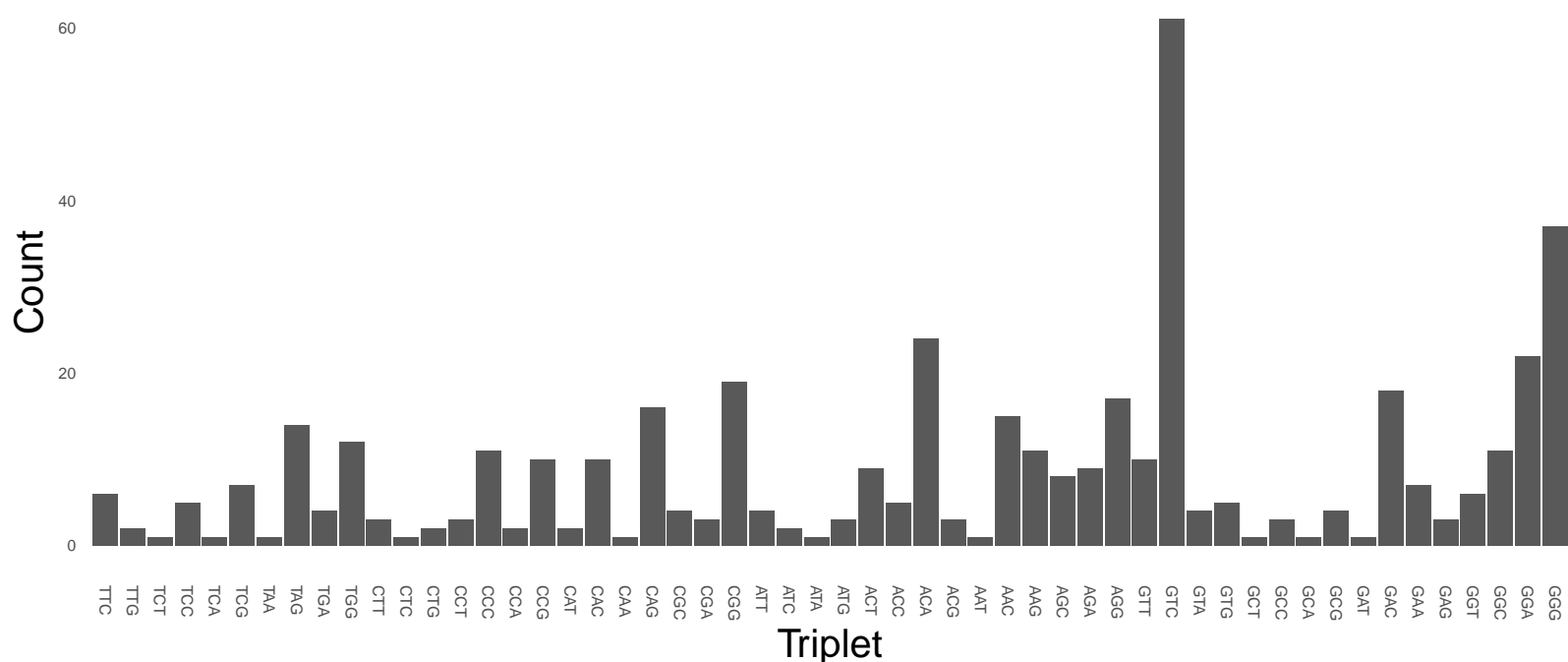
Gene TRBV14\*bp02\_322CAAGA326



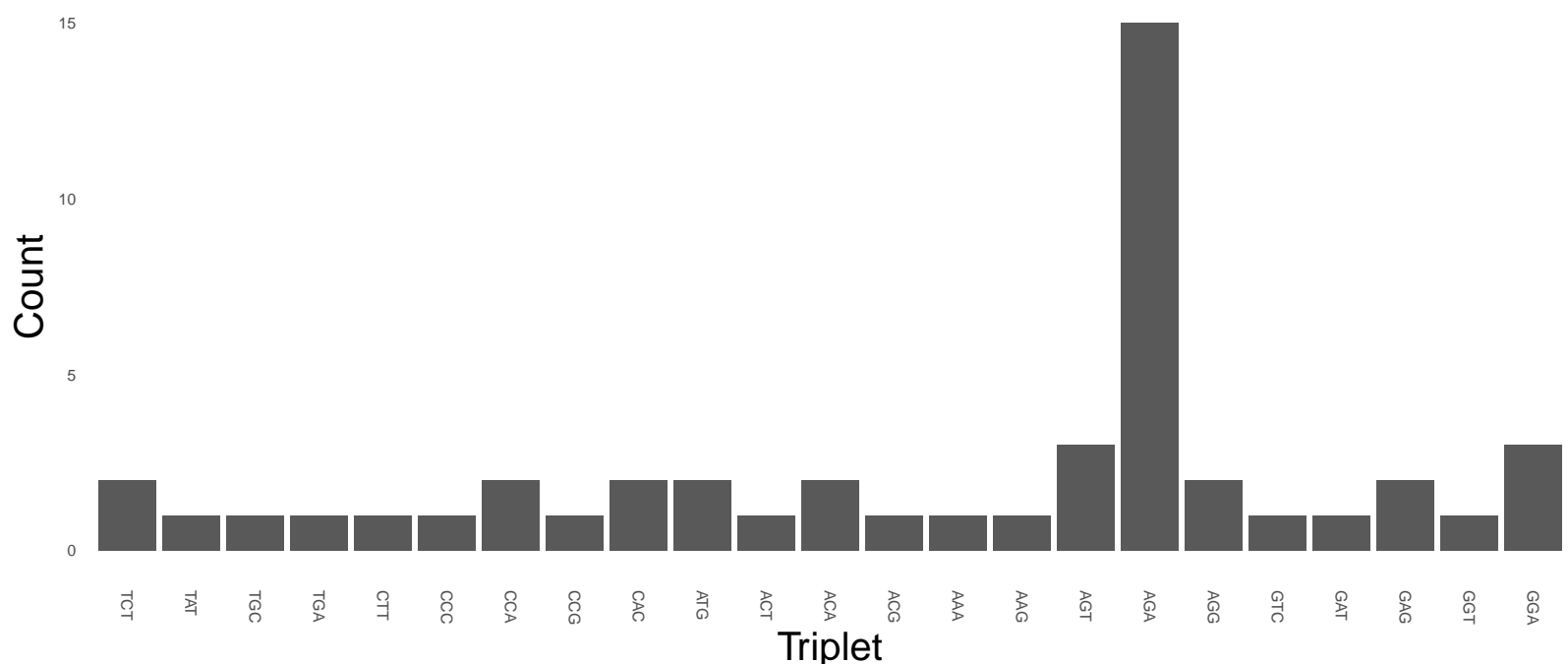
Gene TRBV20–1\*bp04\_322GA323



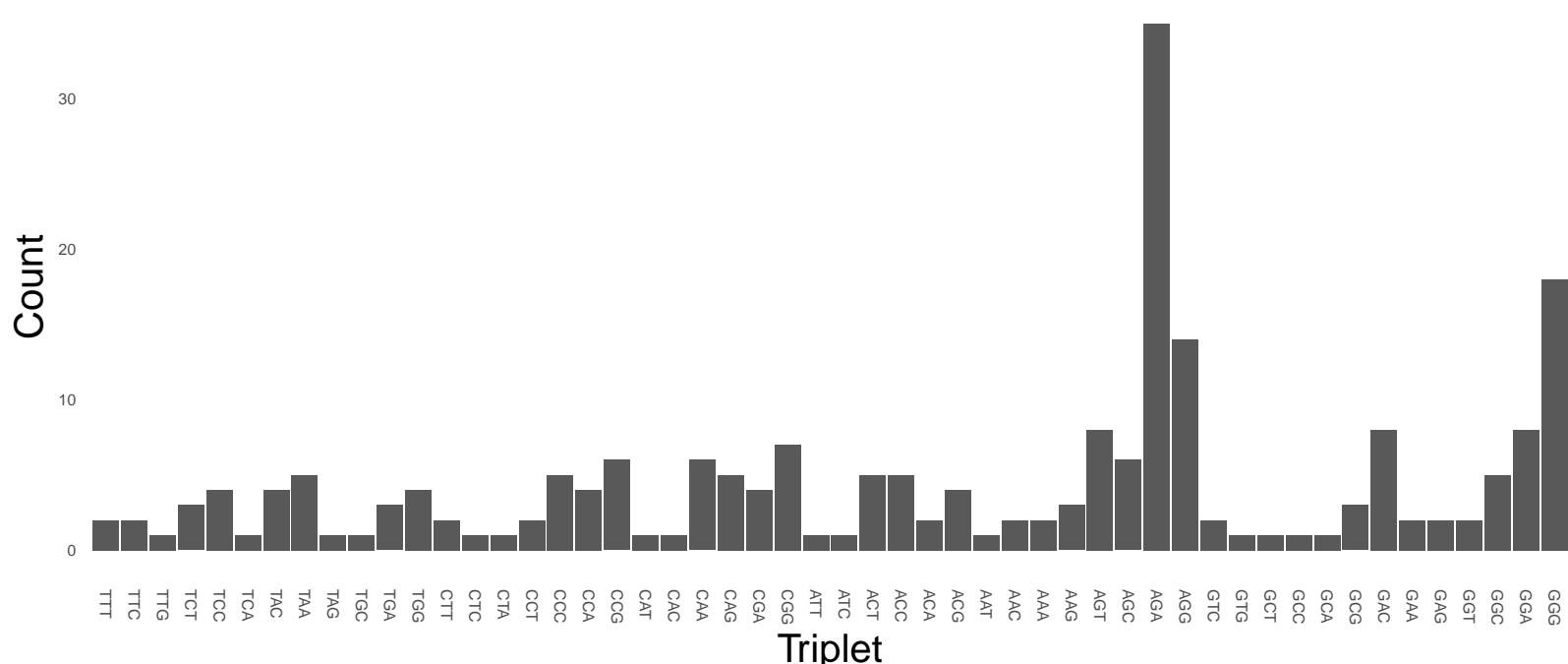
TRBV10–3\*bp02\_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



TRBV14\*bp02\_322CAAGA326– Final 3 nucleotides as a triplet

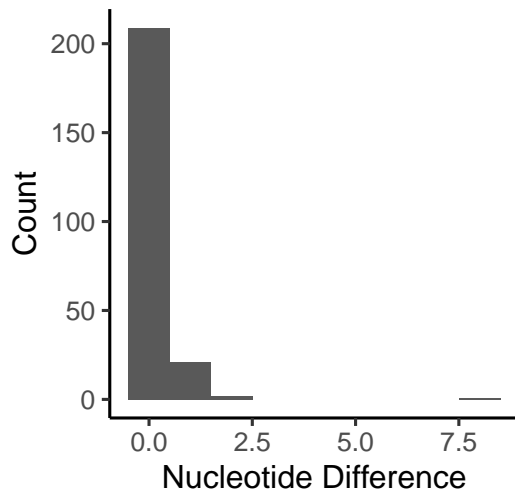


TRBV20–1\*bp04\_322GA323– Final 3 nucleotides as a triplet



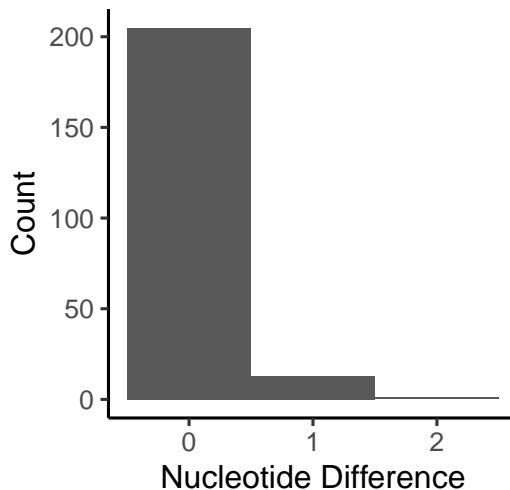
### TRBV20–1\*bp01

233 sequences assigned  
209 (89.7%) exact matches, in which:  
189 unique CDR3  
14 unique J



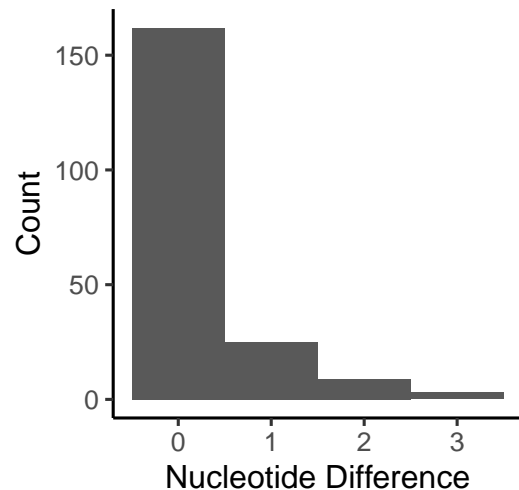
### TRBV20–1\*bp04\_322GA:

219 sequences assigned  
205 (93.6%) exact matches, in which:  
194 unique CDR3  
14 unique J



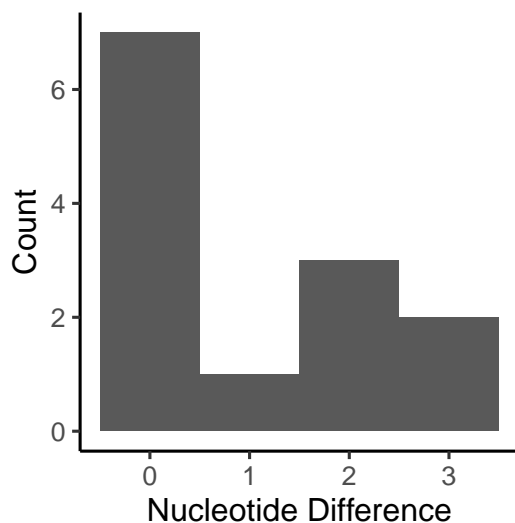
### TRBV13\*bp01

199 sequences assigned  
162 (81.4%) exact matches, in which:  
132 unique CDR3  
14 unique J



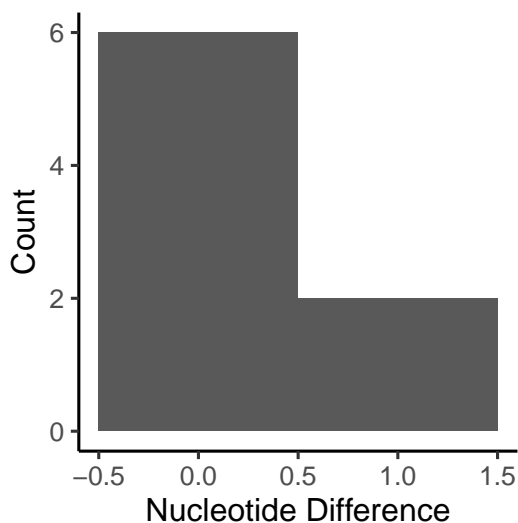
### TRBV10–1\*bp01

13 sequences assigned  
7 (53.8%) exact matches, in which:  
7 unique CDR3  
6 unique J



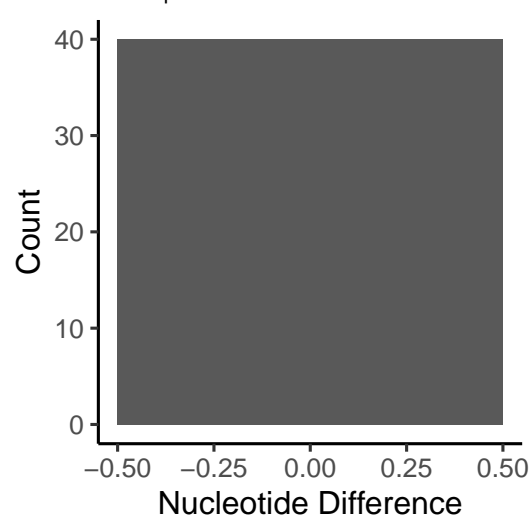
### TRBV10–2\*bp01

8 sequences assigned  
6 (75%) exact matches, in which:  
6 unique CDR3  
3 unique J



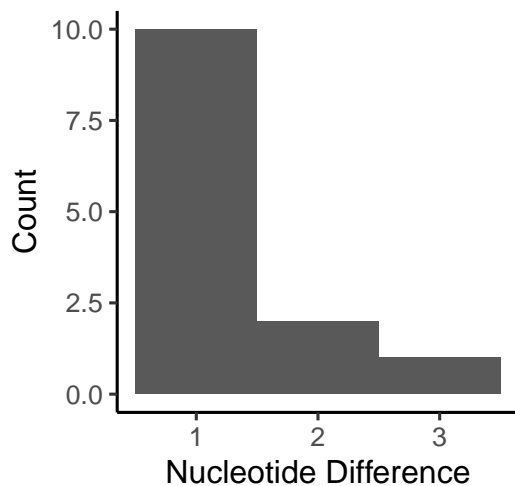
### TRBV14\*bp01

40 sequences assigned  
40 (100%) exact matches, in which:  
37 unique CDR3  
12 unique J



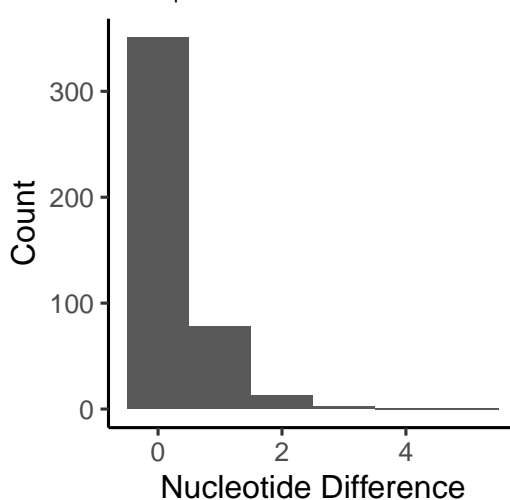
### TRBV10–1\*bp02

13 sequences assigned  
No exact matches.



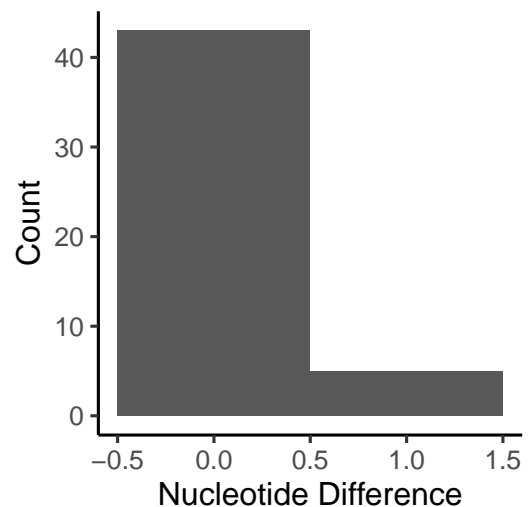
### TRBV10–3\*bp02\_313GC:

446 sequences assigned  
351 (78.7%) exact matches, in which:  
278 unique CDR3  
14 unique J



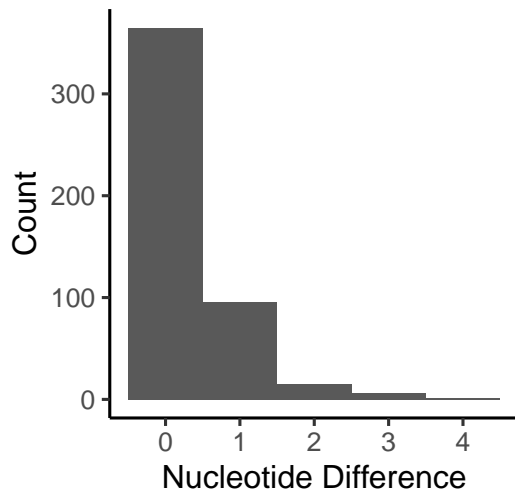
### TRBV14\*bp02\_322CAAG:

48 sequences assigned  
43 (89.6%) exact matches, in which:  
43 unique CDR3  
11 unique J



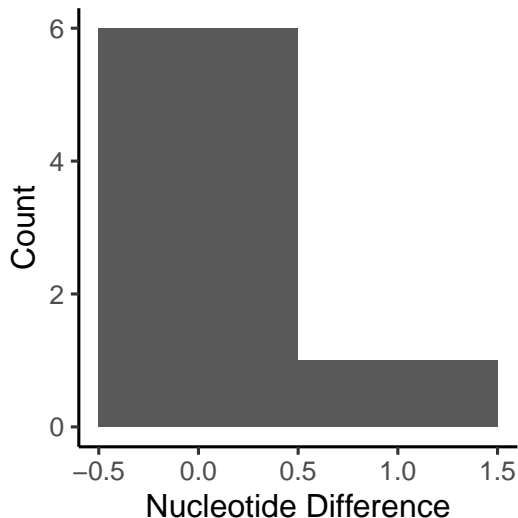
### TRBV15\*bp02

483 sequences assigned  
365 (75.6%) exact matches, in which:  
236 unique CDR3  
14 unique J



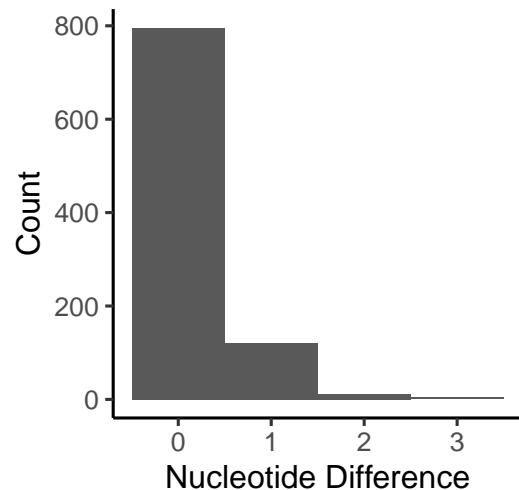
### TRBV2\*bp01

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



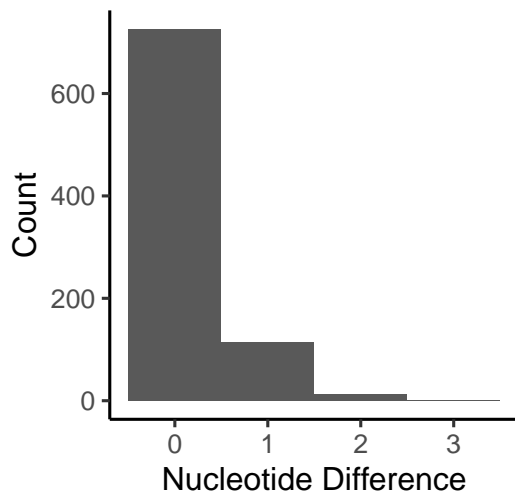
### TRBV30\*bp01

933 sequences assigned  
796 (85.3%) exact matches, in which:  
490 unique CDR3  
14 unique J



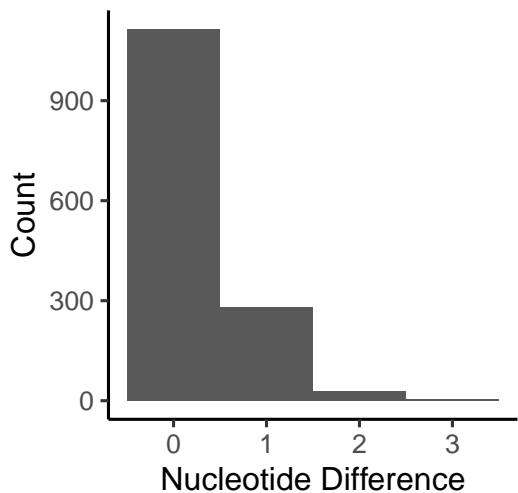
### TRBV18\*bp01

853 sequences assigned  
726 (85.1%) exact matches, in which:  
467 unique CDR3  
14 unique J



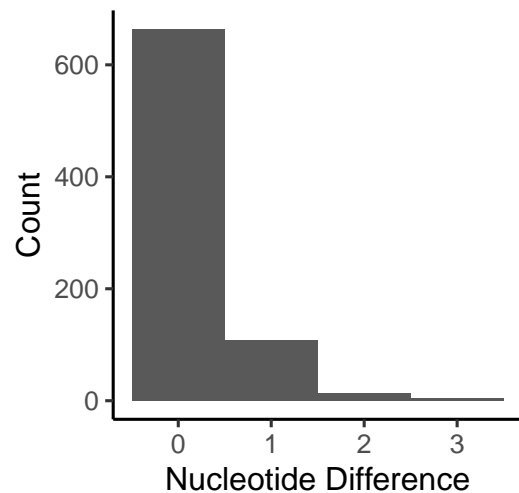
### TRBV27\*bp01

1429 sequences assigned  
1115 (78%) exact matches, in which:  
878 unique CDR3  
14 unique J



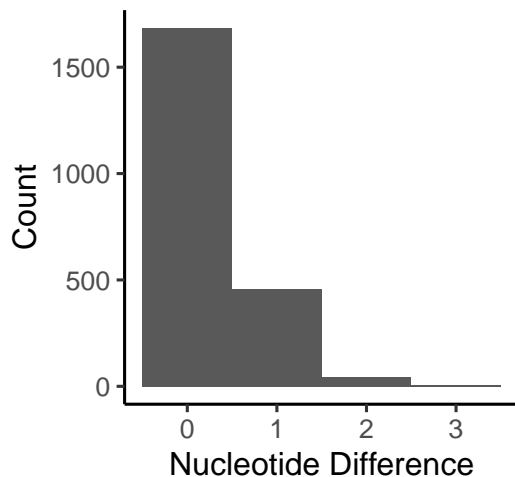
### TRBV30\*bp02

791 sequences assigned  
664 (83.9%) exact matches, in which:  
420 unique CDR3  
14 unique J



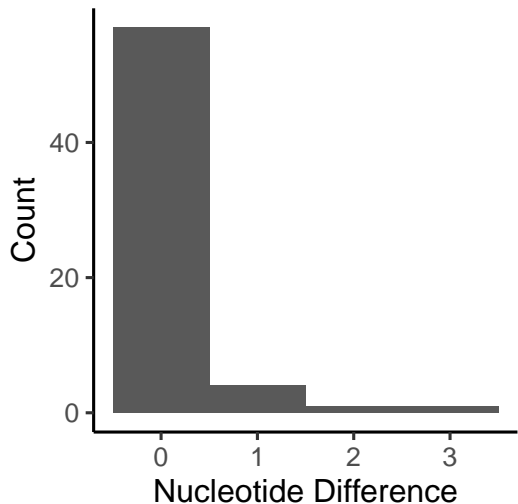
### TRBV19\*bp01

2192 sequences assigned  
1684 (76.8%) exact matches, in which:  
1103 unique CDR3  
14 unique J



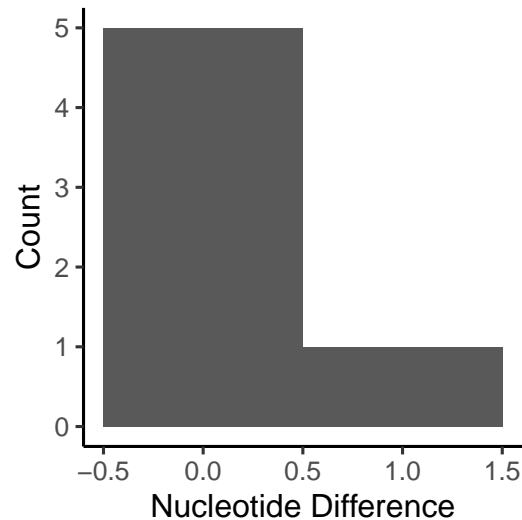
### TRBV28\*bp01

63 sequences assigned  
57 (90.5%) exact matches, in which:  
56 unique CDR3  
11 unique J



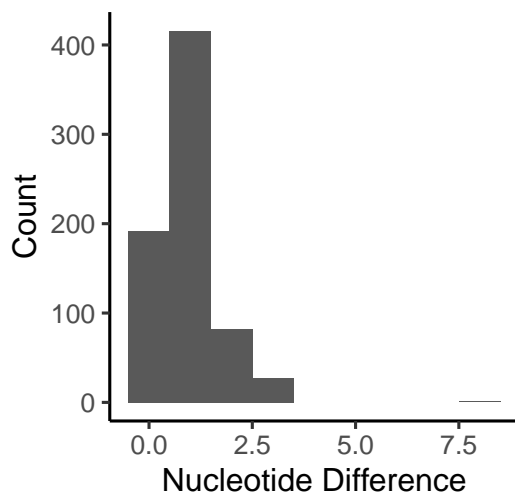
### TRBV9\*bp01

6 sequences assigned  
5 (83.3%) exact matches, in which:  
5 unique CDR3  
4 unique J



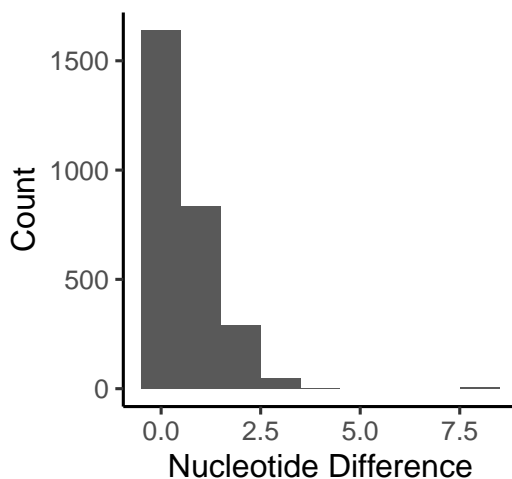
### TRBV11–1\*bp01

718 sequences assigned  
192 (26.7%) exact matches, in which:  
139 unique CDR3  
14 unique J



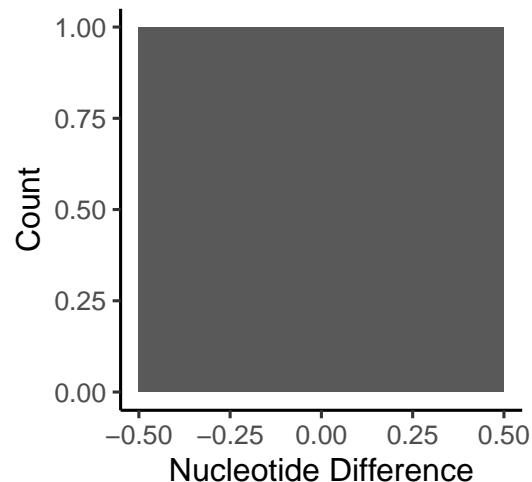
### TRBV11–3\*bp01

2825 sequences assigned  
1639 (58%) exact matches, in which:  
1131 unique CDR3  
14 unique J



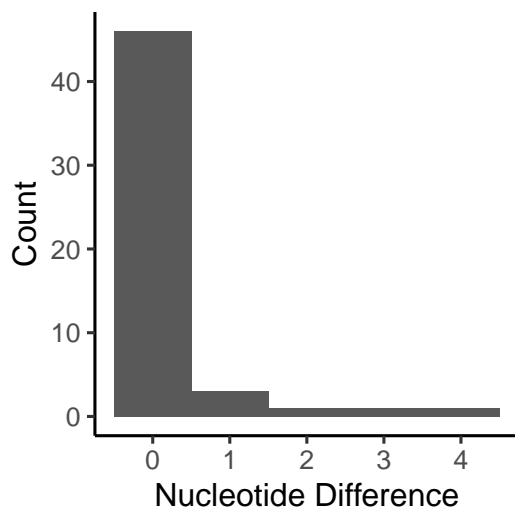
### TRBV23–1\*bp01

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



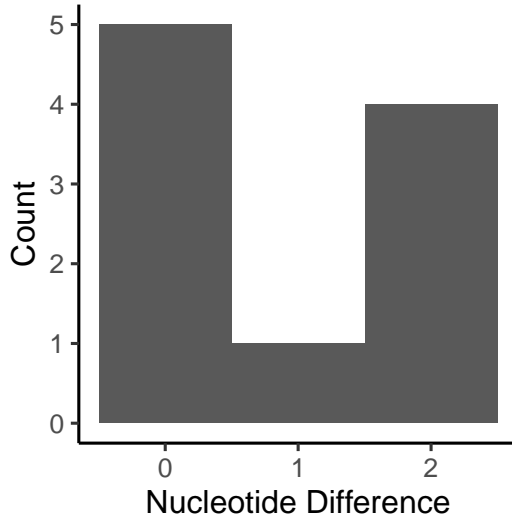
### TRBV21–1\*bp01

52 sequences assigned  
46 (88.5%) exact matches, in which:  
45 unique CDR3  
10 unique J



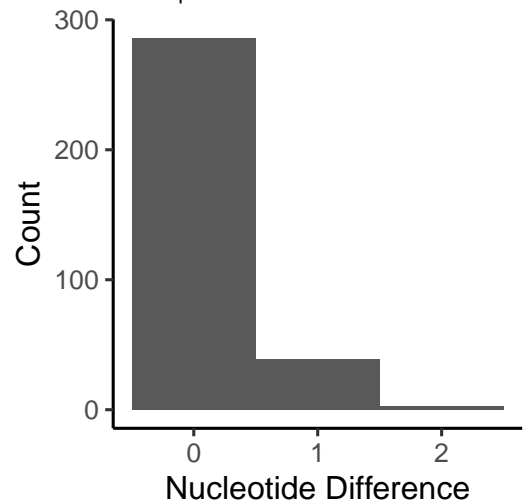
### TRBV12–5\*bp01

10 sequences assigned  
5 (50%) exact matches, in which:  
5 unique CDR3  
4 unique J



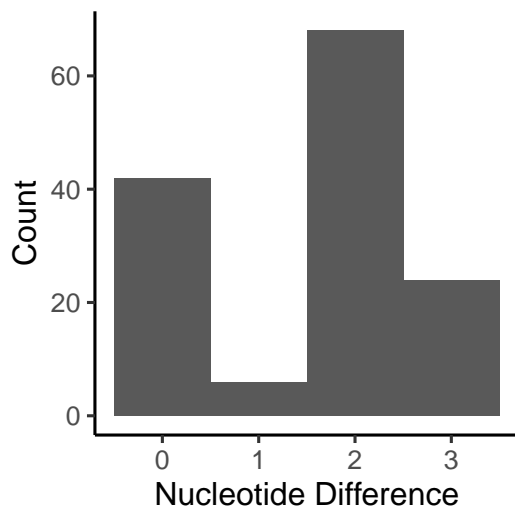
### TRBV24–1\*bp01

328 sequences assigned  
286 (87.2%) exact matches, in which:  
240 unique CDR3  
14 unique J



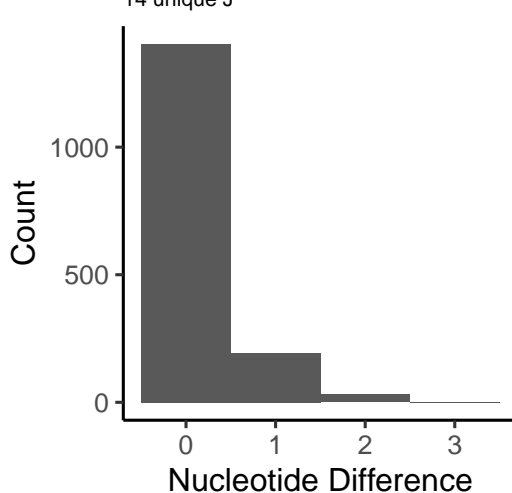
### TRBV11–2\*bp01

140 sequences assigned  
42 (30%) exact matches, in which:  
41 unique CDR3  
9 unique J



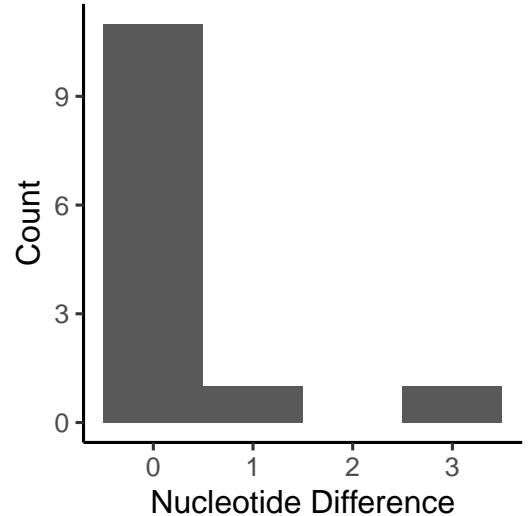
### TRBV12–34\*bp01

1630 sequences assigned  
1404 (86.1%) exact matches, in which:  
959 unique CDR3  
14 unique J



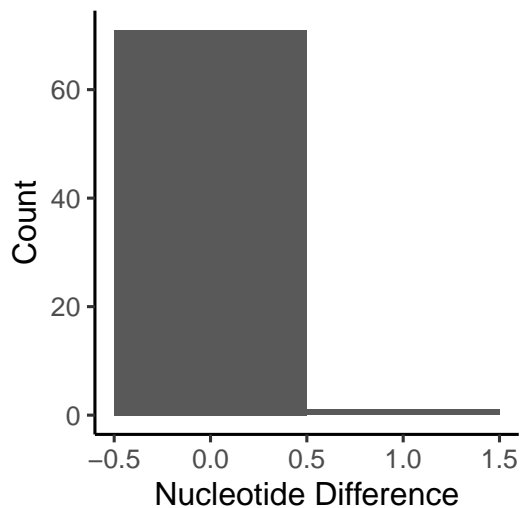
### TRBV4–1\*bp01

13 sequences assigned  
11 (84.6%) exact matches, in which:  
10 unique CDR3  
6 unique J



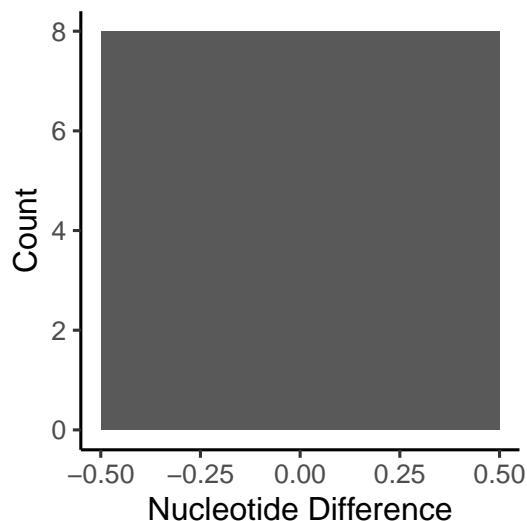
### TRBV4-2\*bp01

72 sequences assigned  
71 (98.6%) exact matches, in which:  
65 unique CDR3  
13 unique J



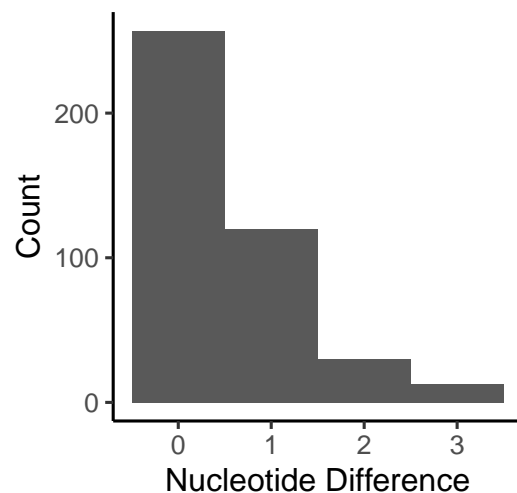
### TRBV25-1\*bp01

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



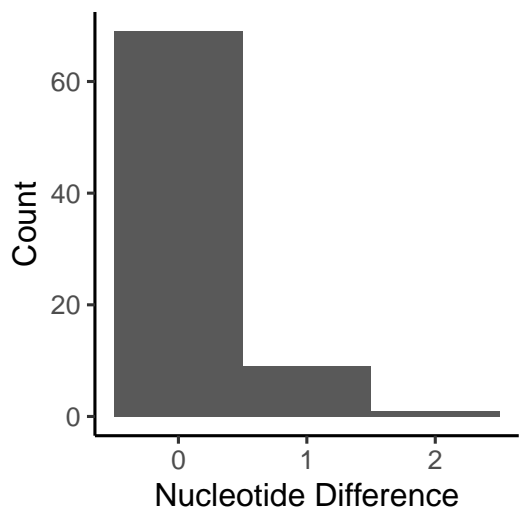
### TRBV5-5\*bp01

420 sequences assigned  
257 (61.2%) exact matches, in which:  
183 unique CDR3  
14 unique J



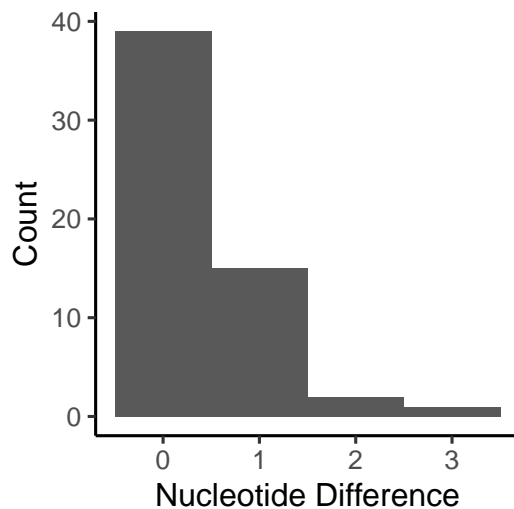
### TRBV4-3\*bp01

79 sequences assigned  
69 (87.3%) exact matches, in which:  
64 unique CDR3  
12 unique J



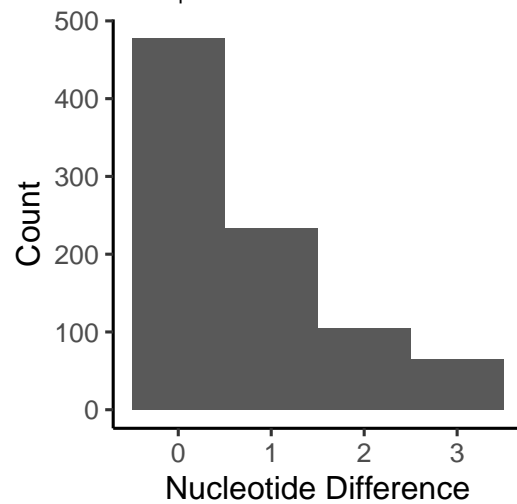
### TRBV5-3\*bp01

57 sequences assigned  
39 (68.4%) exact matches, in which:  
34 unique CDR3  
8 unique J



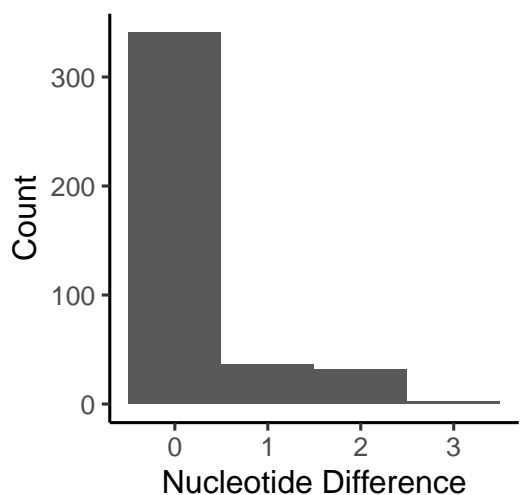
### TRBV5-6\*bp01

881 sequences assigned  
478 (54.3%) exact matches, in which:  
354 unique CDR3  
14 unique J



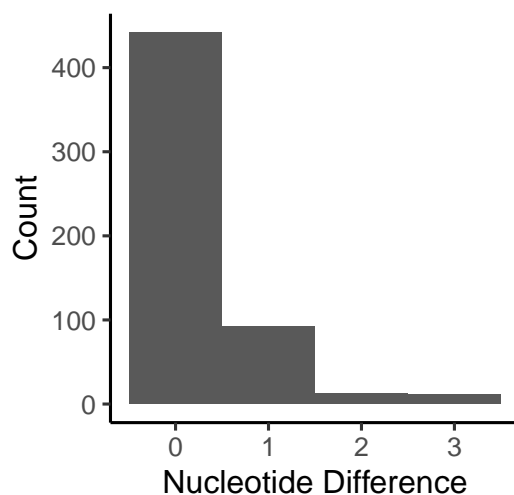
### TRBV5-1\*bp01

411 sequences assigned  
341 (83%) exact matches, in which:  
307 unique CDR3  
14 unique J



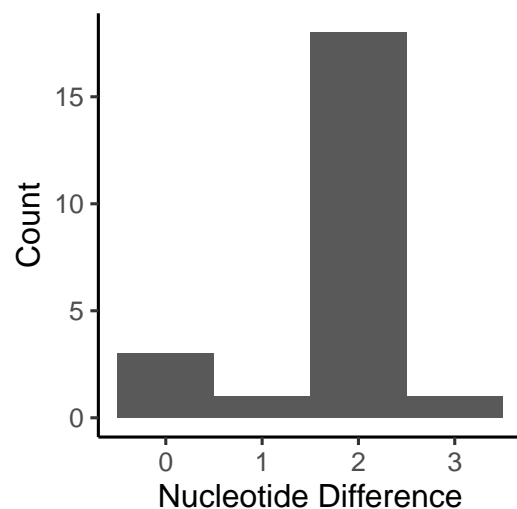
### TRBV5-4\*bp01

557 sequences assigned  
442 (79.4%) exact matches, in which:  
348 unique CDR3  
14 unique J



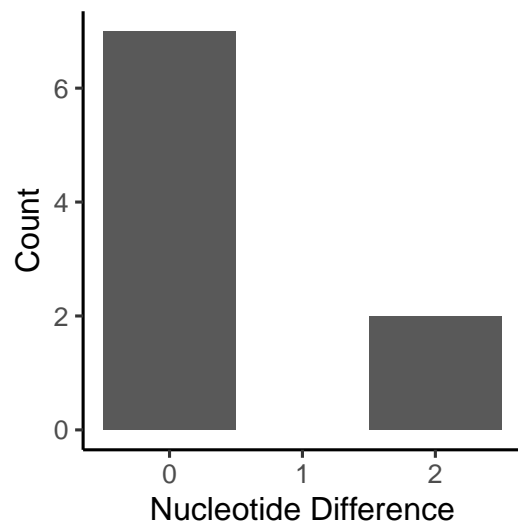
### TRBV5-7\*bp01

23 sequences assigned  
3 (13%) exact matches, in which:  
3 unique CDR3  
3 unique J



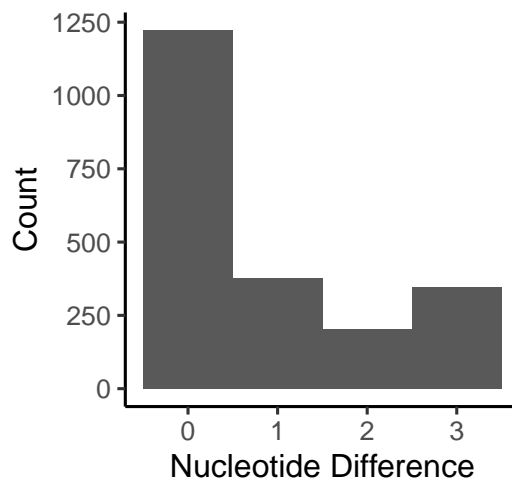
### TRBV5–8\*bp01

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



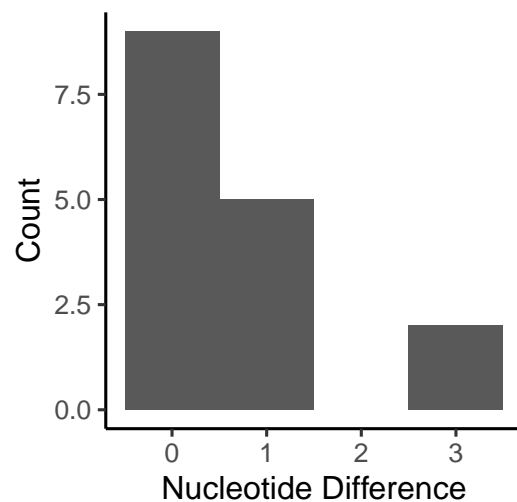
### TRBV6–5\*bp01

2149 sequences assigned  
1222 (56.9%) exact matches, in which:  
1018 unique CDR3  
14 unique J



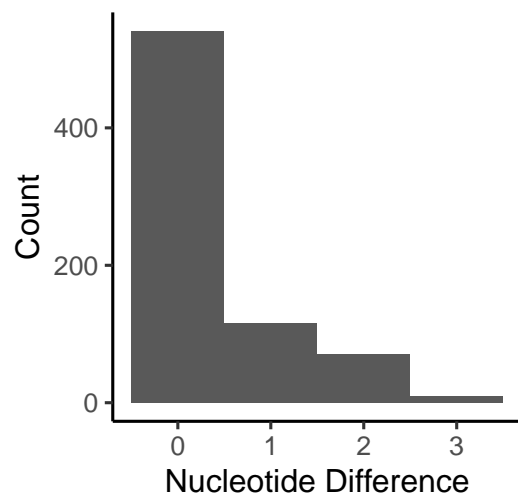
### TRBV6–9\*bp01

16 sequences assigned  
9 (56.2%) exact matches, in which:  
8 unique CDR3  
4 unique J



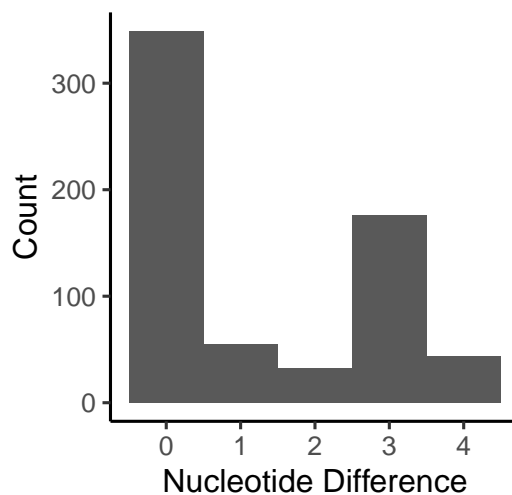
### TRBV6–1\*bp01

738 sequences assigned  
541 (73.3%) exact matches, in which:  
477 unique CDR3  
14 unique J



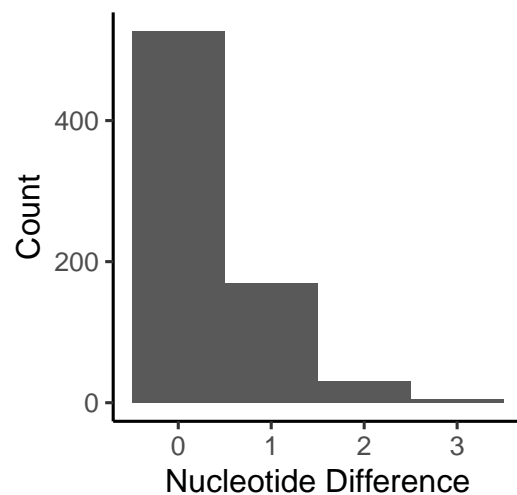
### TRBV6–6\*bp01

656 sequences assigned  
349 (53.2%) exact matches, in which:  
305 unique CDR3  
14 unique J



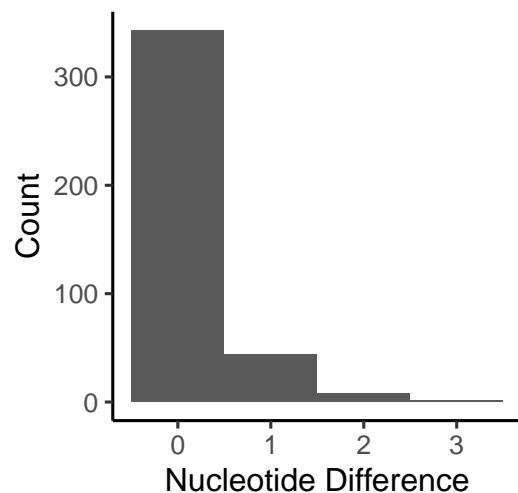
### TRBV6–23\*bp01

732 sequences assigned  
527 (72%) exact matches, in which:  
442 unique CDR3  
13 unique J



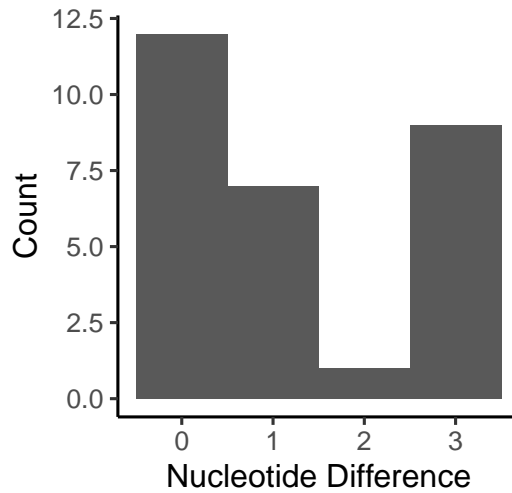
### TRBV6–4\*bp01

396 sequences assigned  
343 (86.6%) exact matches, in which:  
283 unique CDR3  
14 unique J



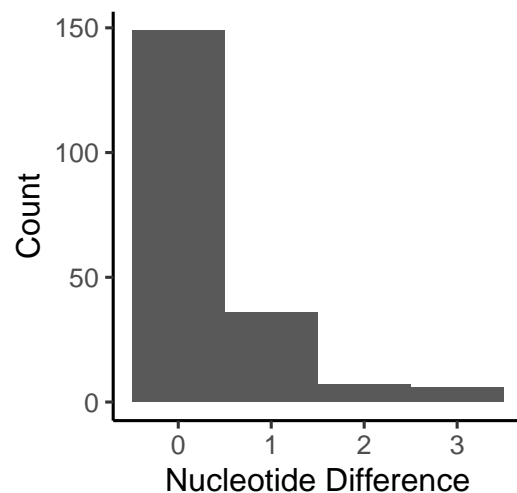
### TRBV6–8\*bp01

29 sequences assigned  
12 (41.4%) exact matches, in which:  
10 unique CDR3  
5 unique J



### TRBV7–2\*bp01

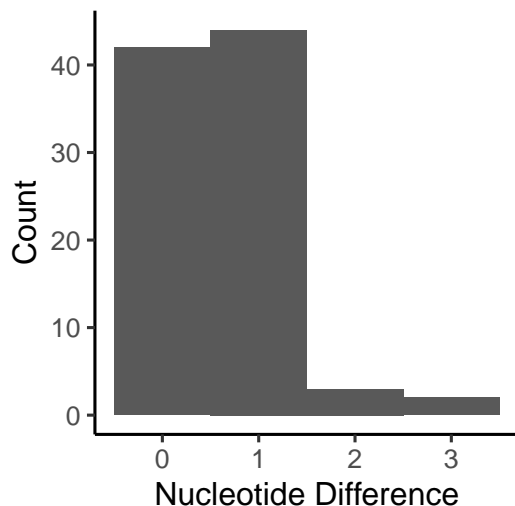
198 sequences assigned  
149 (75.3%) exact matches, in which:  
143 unique CDR3  
14 unique J





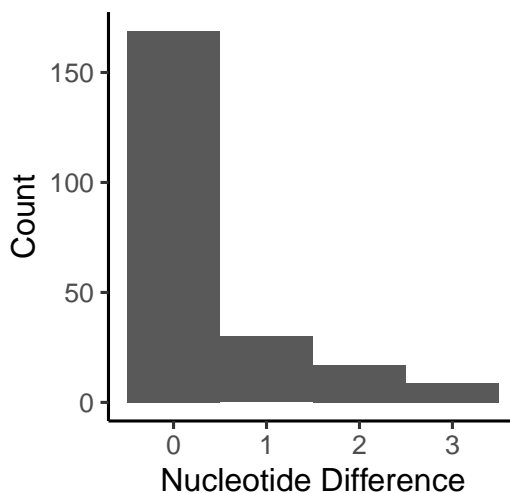
### TRBV7-2\*bp02

91 sequences assigned  
42 (46.2%) exact matches, in which:  
37 unique CDR3  
11 unique J



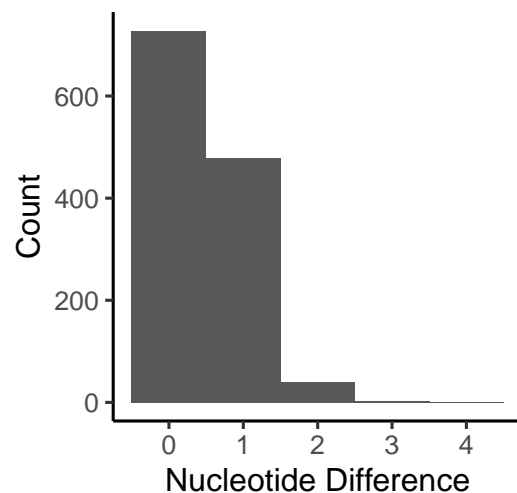
### TRBV7-6\*bp01

225 sequences assigned  
169 (75.1%) exact matches, in which:  
136 unique CDR3  
13 unique J



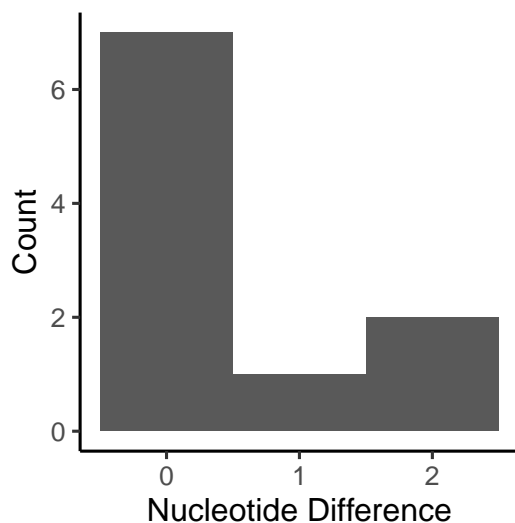
### TRBV29-1\*bp01

1250 sequences assigned  
728 (58.2%) exact matches, in which:  
468 unique CDR3  
14 unique J



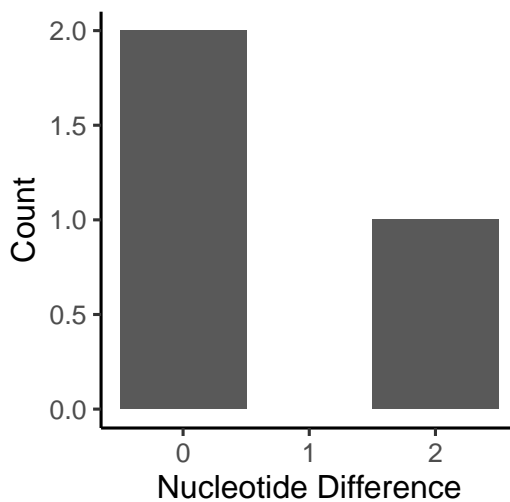
### TRBV7-3\*bp01

10 sequences assigned  
7 (70%) exact matches, in which:  
7 unique CDR3  
5 unique J



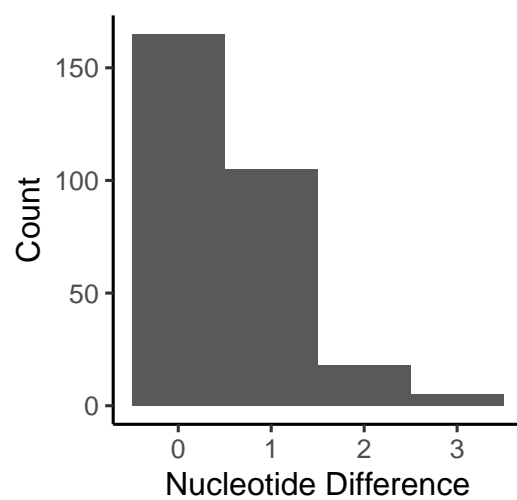
### TRBV7-7\*bp01

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



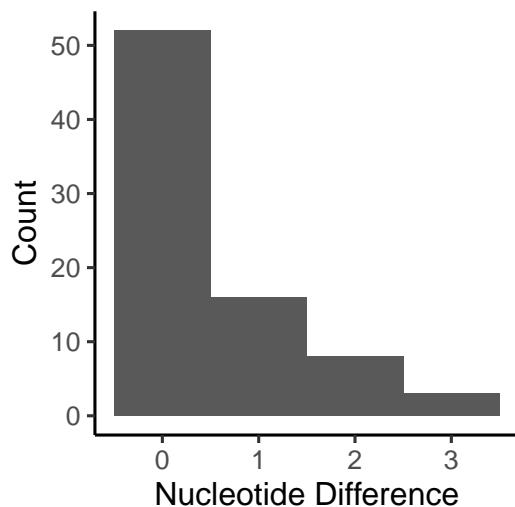
### TRBV29-1\*bp03

293 sequences assigned  
165 (56.3%) exact matches, in which:  
109 unique CDR3  
10 unique J



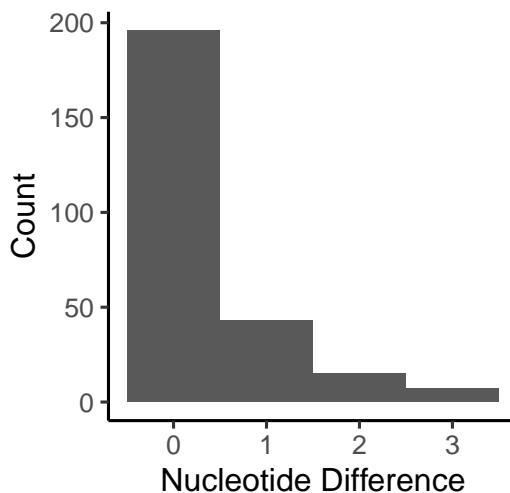
### TRBV7-4\*bp01

79 sequences assigned  
52 (65.8%) exact matches, in which:  
44 unique CDR3  
10 unique J

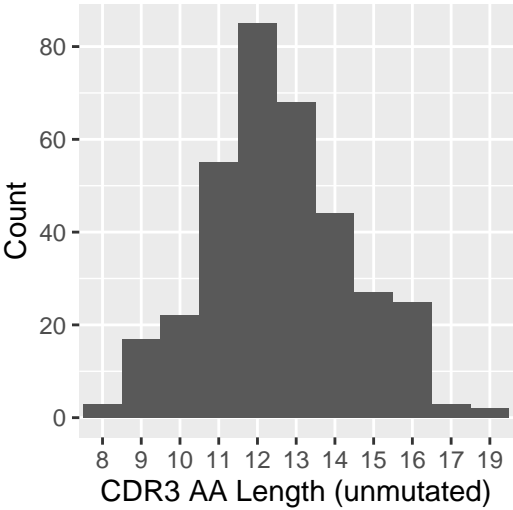


### TRBV7-9\*bp01

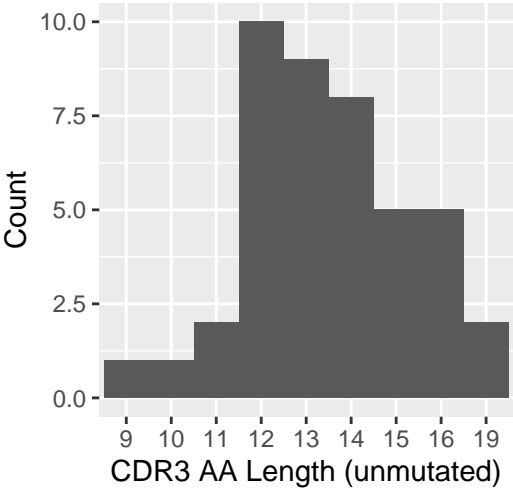
261 sequences assigned  
196 (75.1%) exact matches, in which:  
179 unique CDR3  
14 unique J



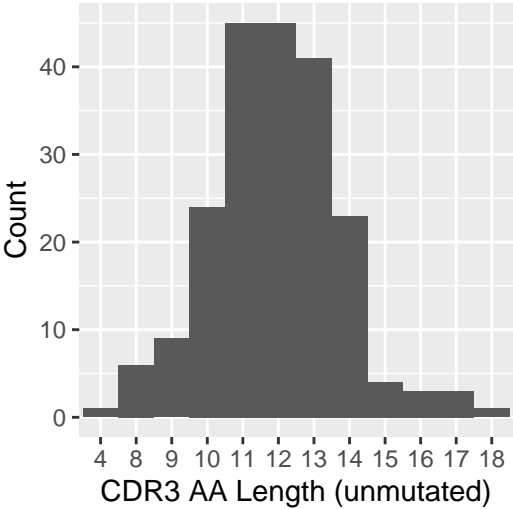
TRBV10-3\*bp02\_313GCCATCAGTGAGTC326

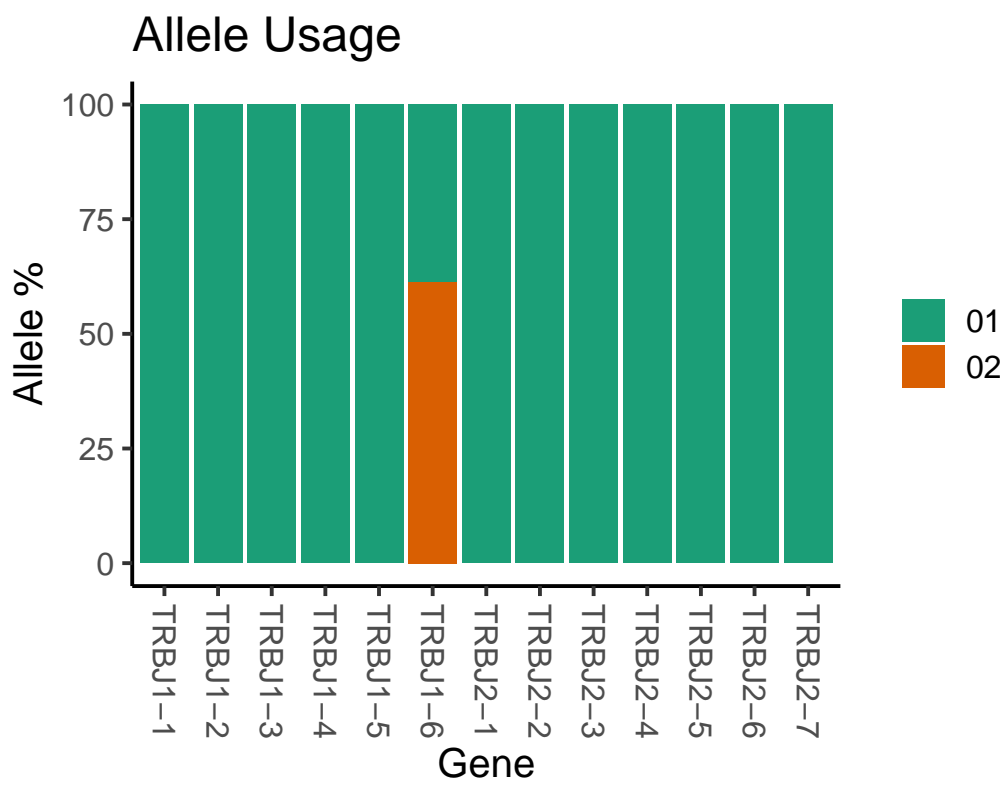


TRBV14\*bp02\_322CAAGA326

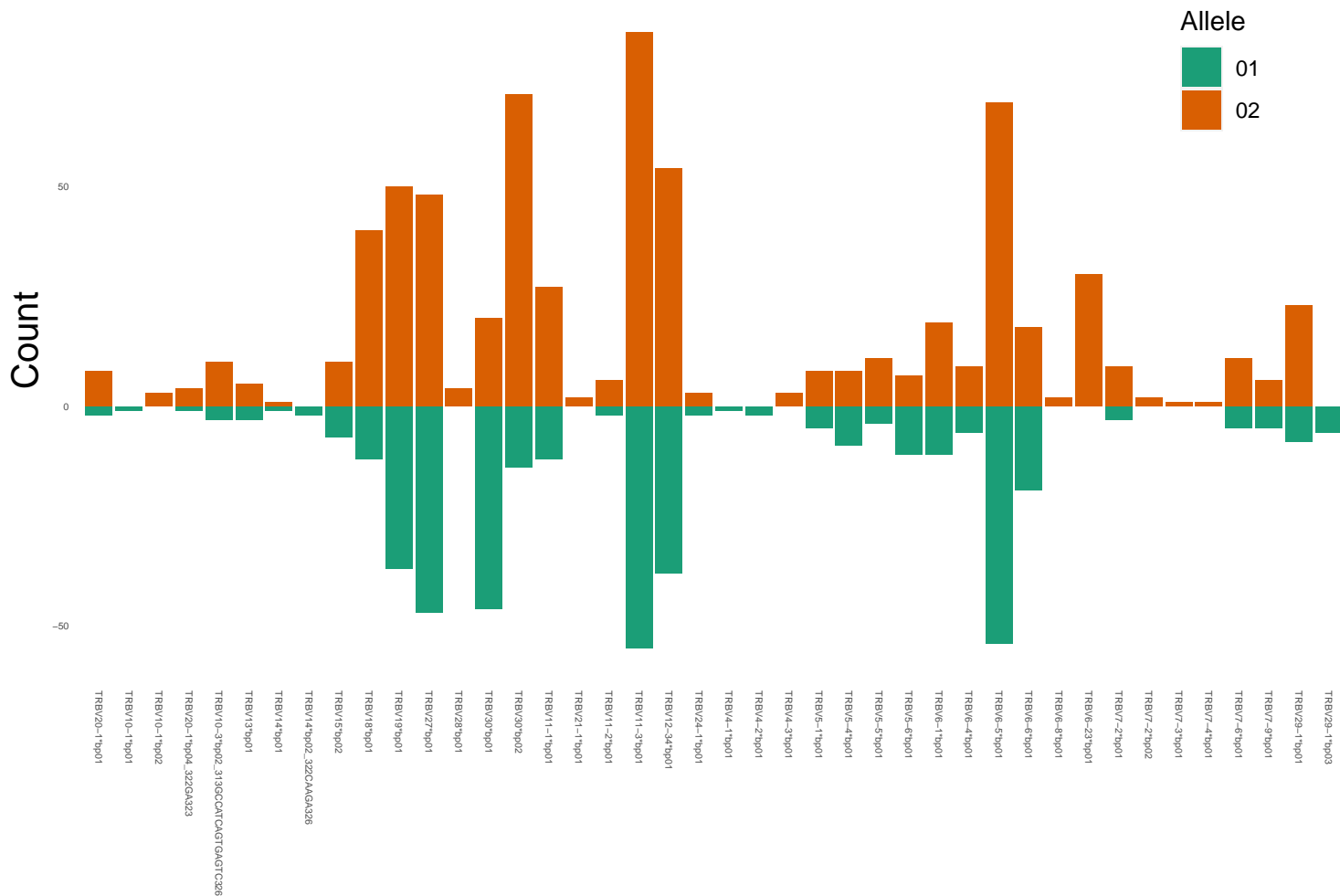


TRBV20-1\*bp04\_322GA323





Sequence Count by TRBJ1–6 allele usage



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.

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