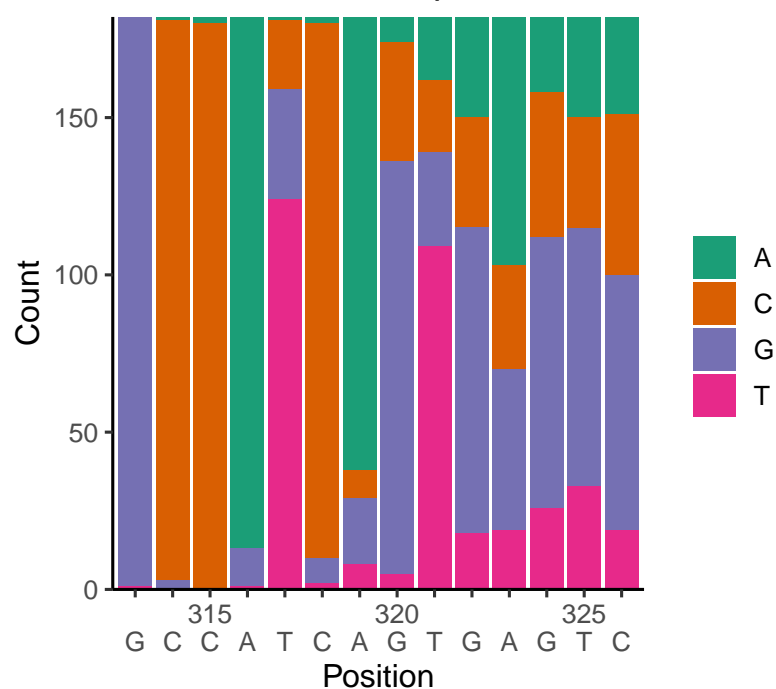
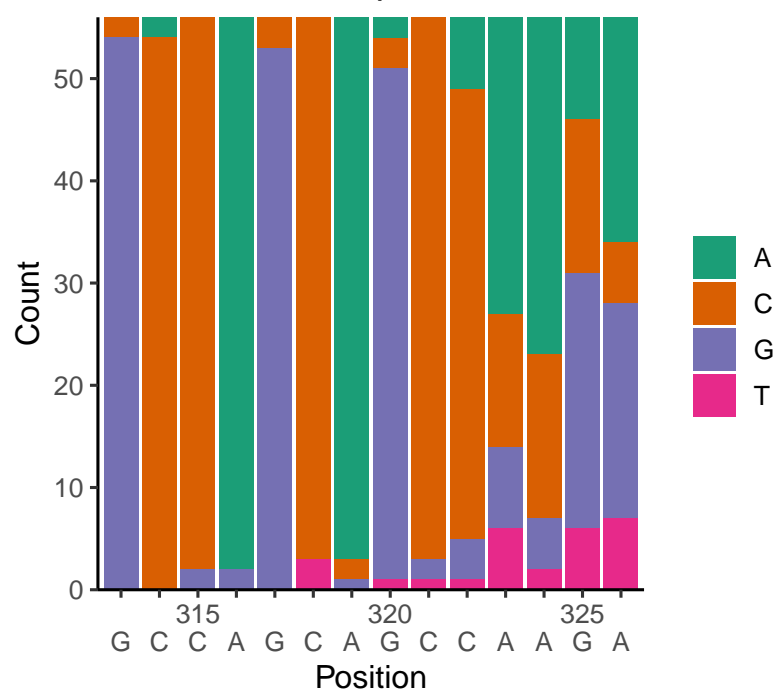


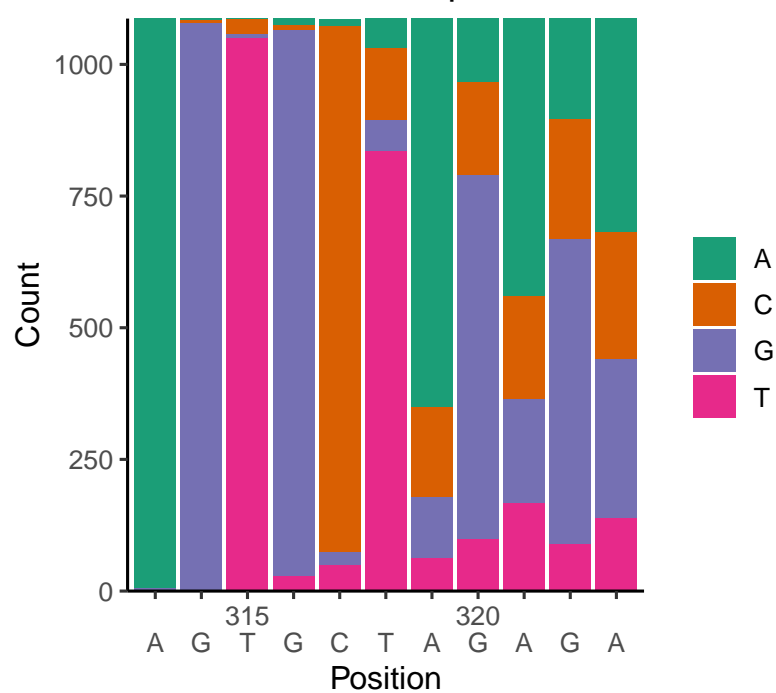
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



Gene TRBV14\*bp02\_322CAAGA326



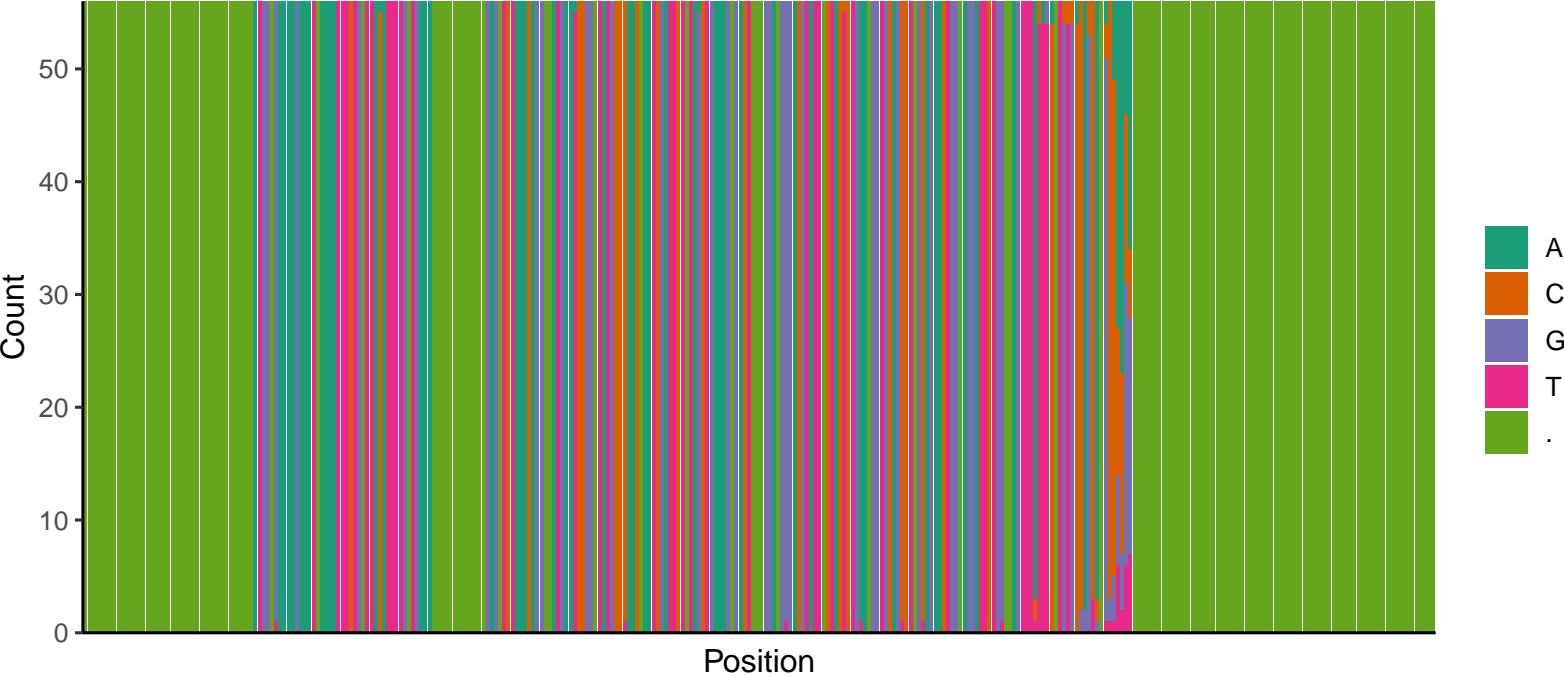
Gene TRBV20-1\*bp04\_322GA323



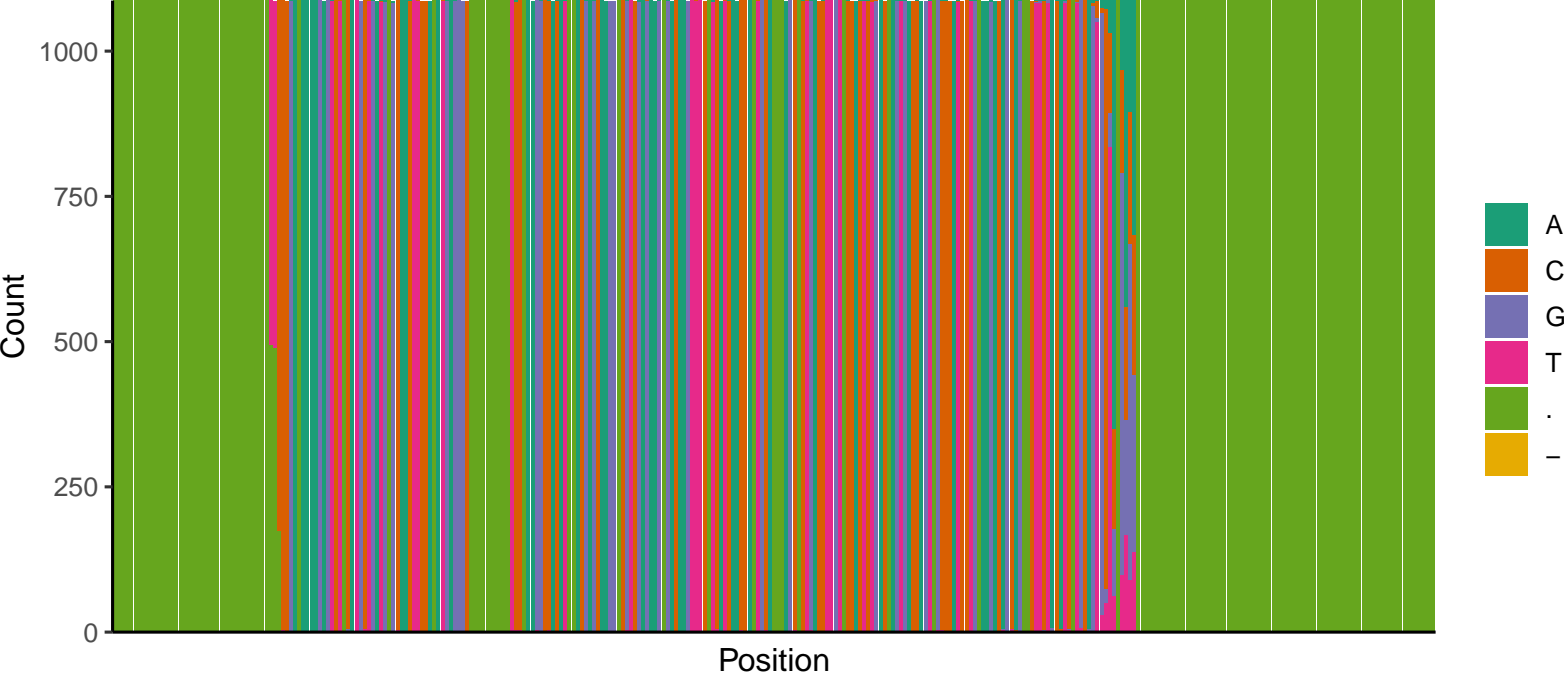
Gene TRBV10–3\*bp02\_313GCCATCAGTGAGTC326



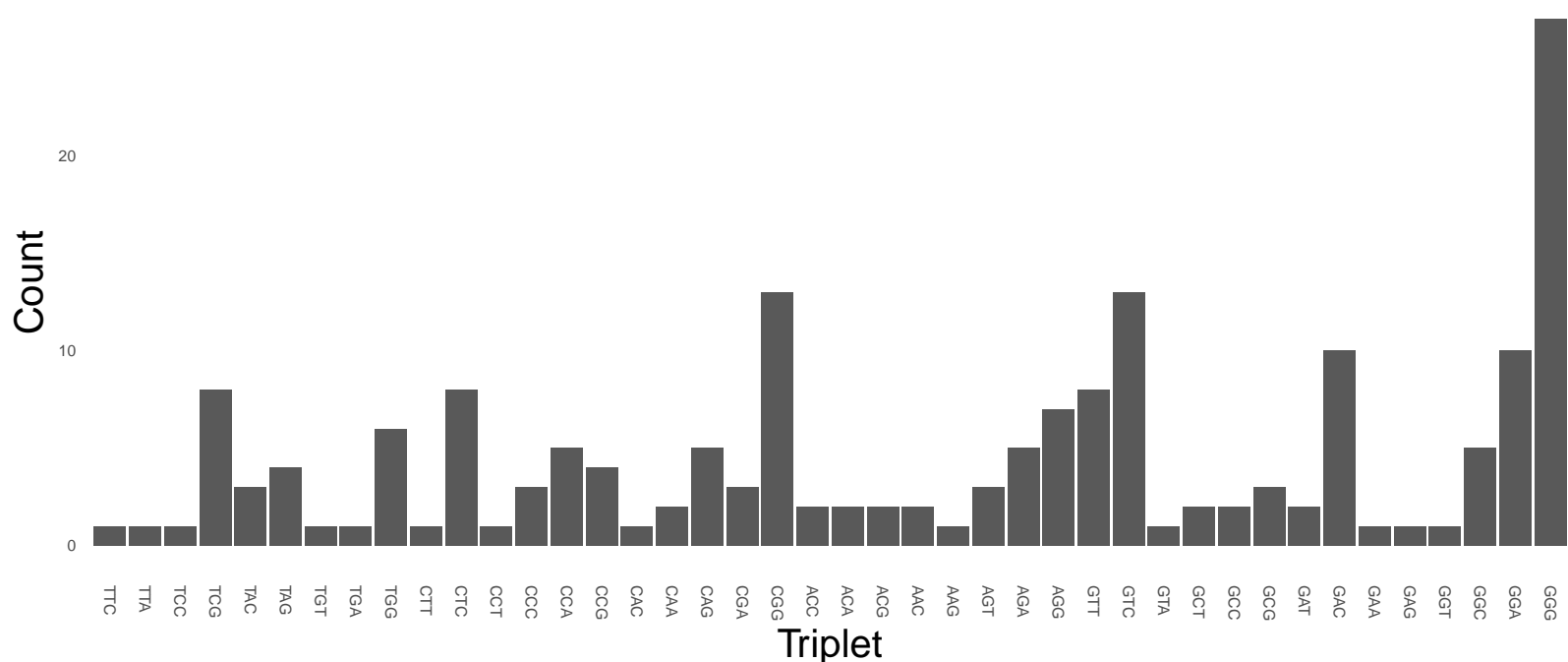
Gene TRBV14\*bp02\_322CAAGA326



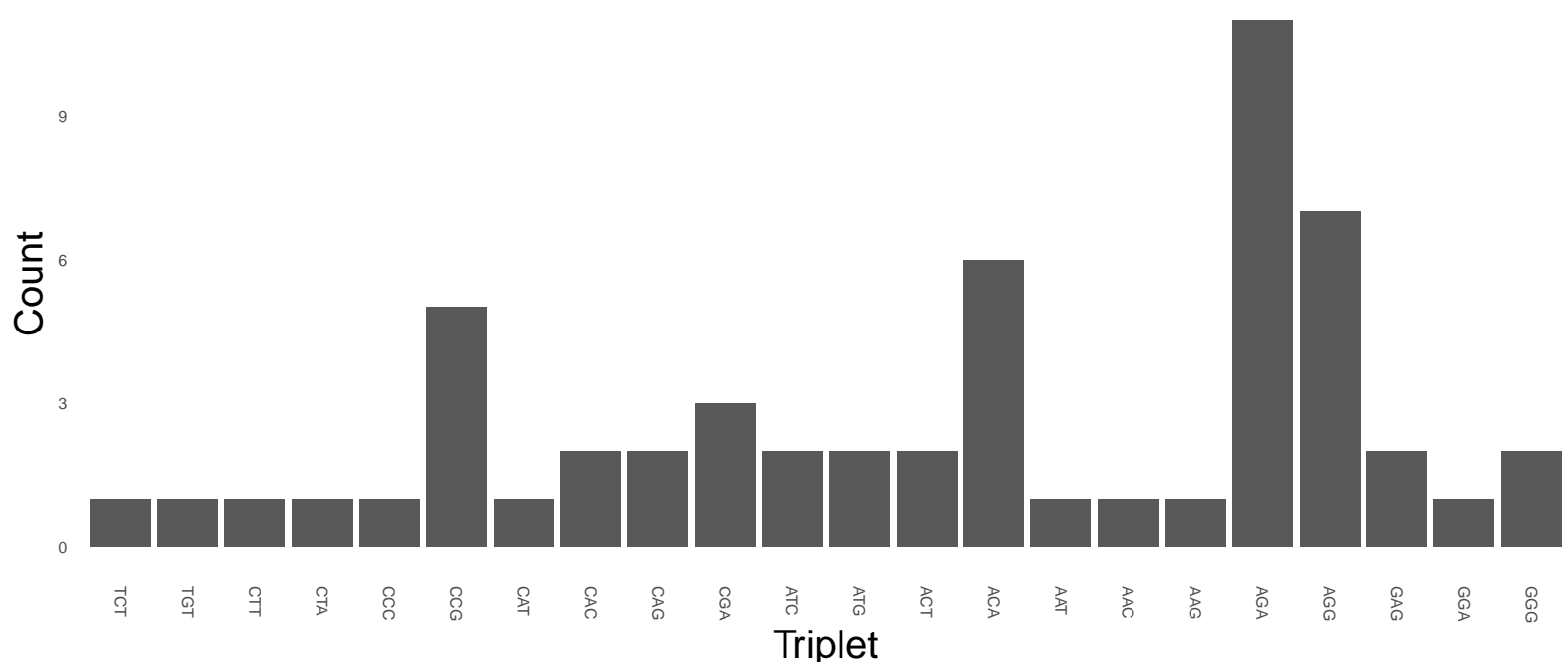
Gene TRBV20–1\*bp04\_322GA323



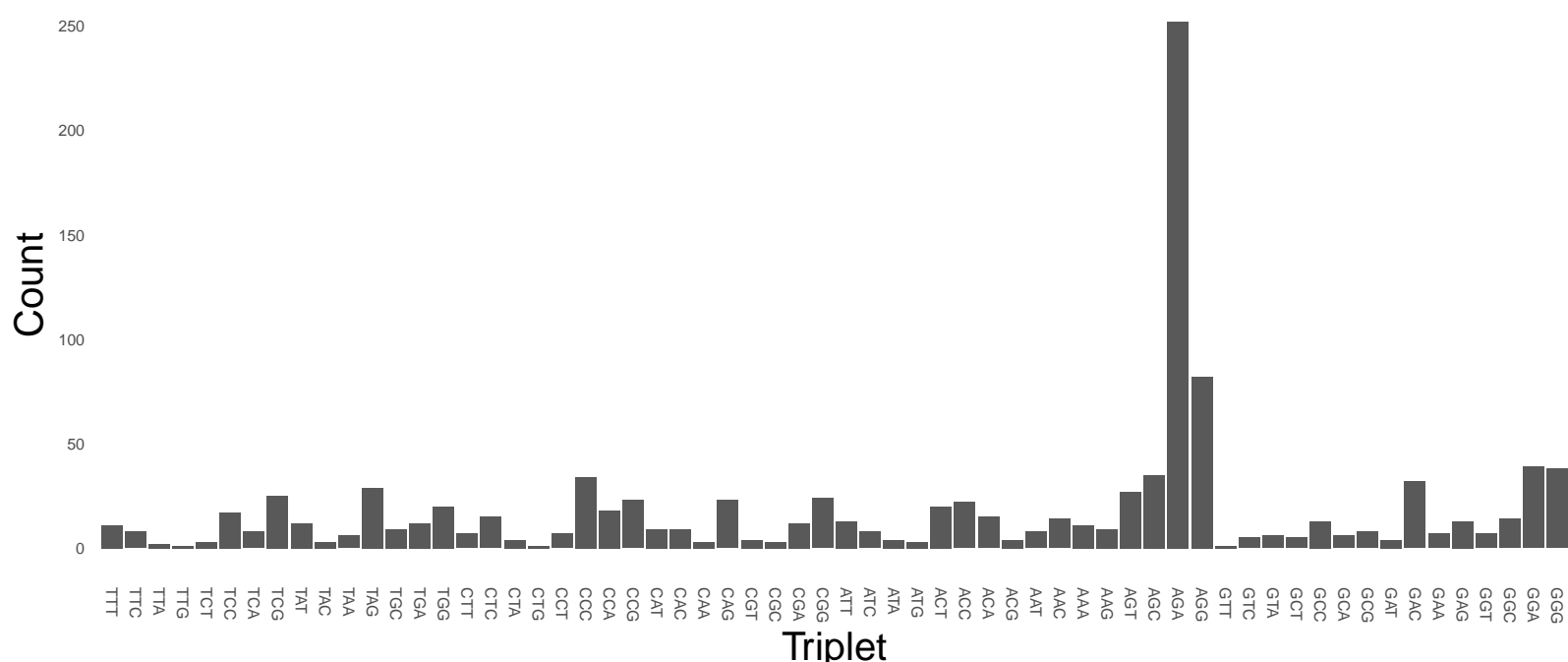
TRBV10–3\*bp02\_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



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

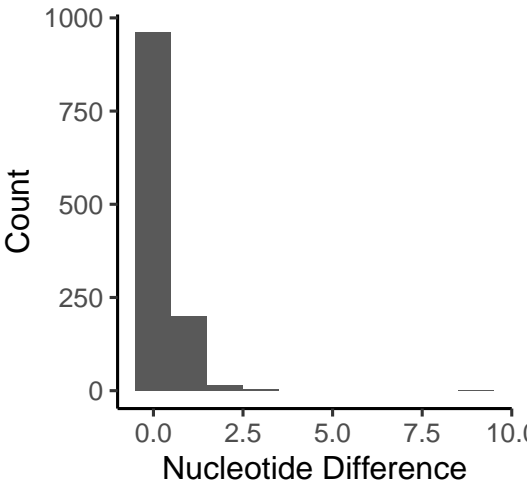


TRBV20–1\*bp04\_322GA323– Final 3 nucleotides as a triplet



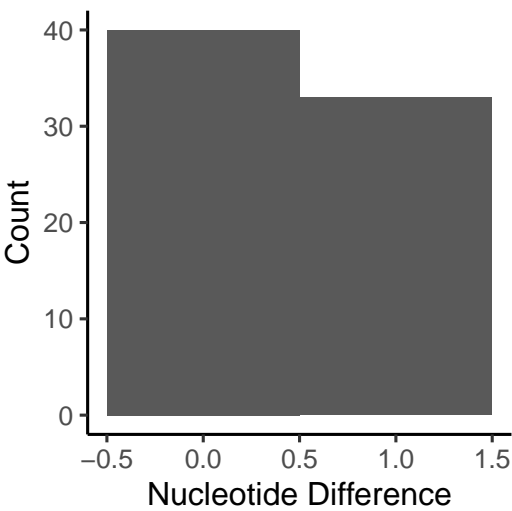
TRBV20–1\*bp01

1180 sequences assigned  
961 (81.4%) exact matches, in which:  
577 unique CDR3  
14 unique J



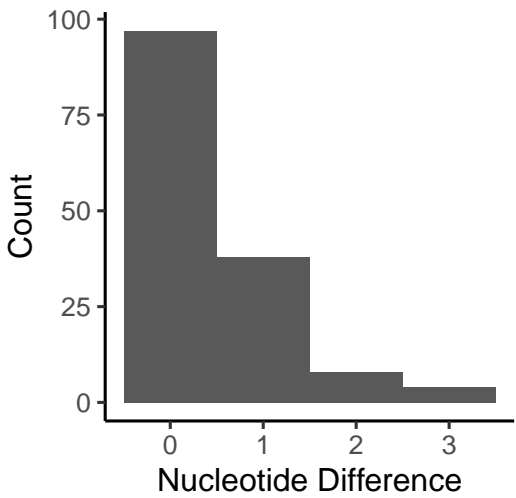
TRBV10–2\*bp01

73 sequences assigned  
40 (54.8%) exact matches, in which:  
32 unique CDR3  
10 unique J



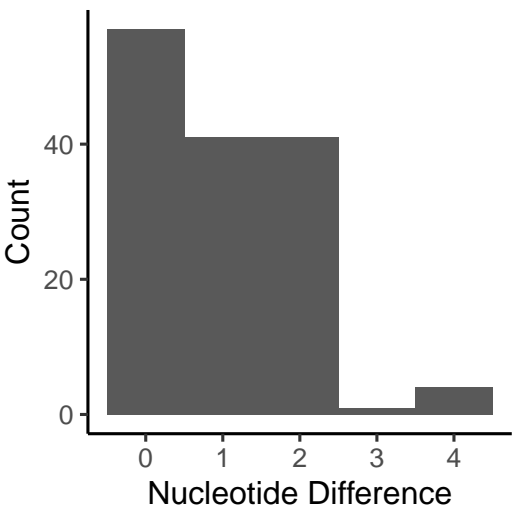
TRBV13\*bp01

147 sequences assigned  
97 (66%) exact matches, in which:  
83 unique CDR3  
12 unique J



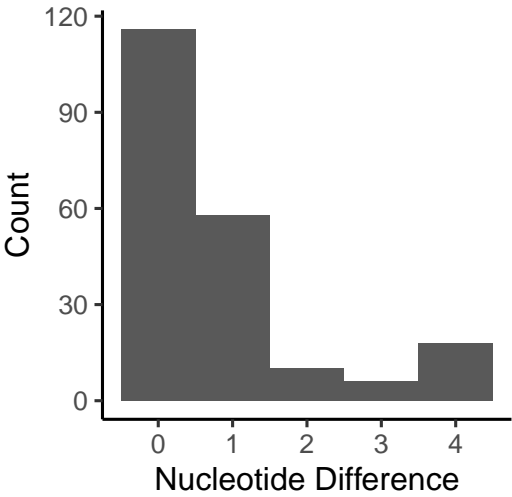
TRBV10–1\*bp01

144 sequences assigned  
57 (39.6%) exact matches, in which:  
48 unique CDR3  
12 unique J



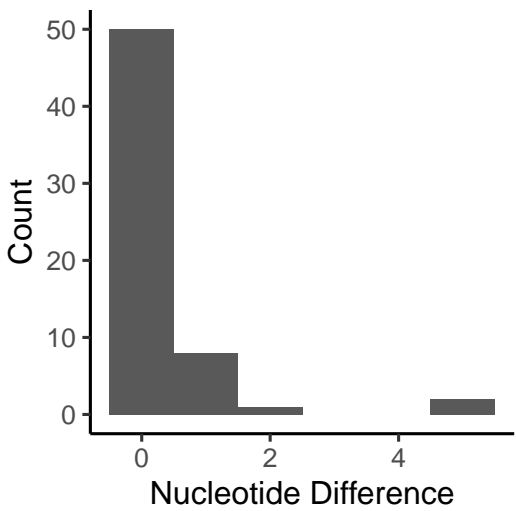
TRBV10–3\*bp01

208 sequences assigned  
116 (55.8%) exact matches, in which:  
104 unique CDR3  
14 unique J



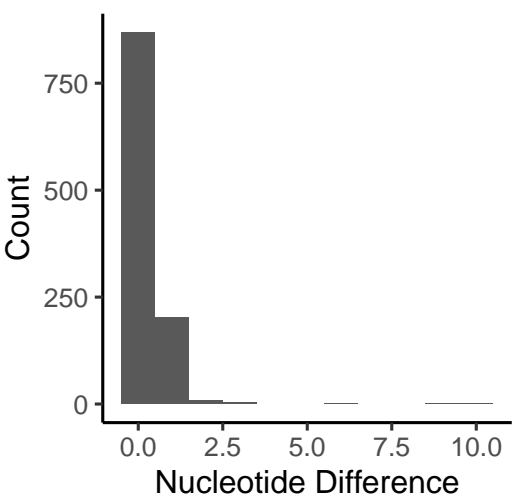
TRBV14\*bp01

61 sequences assigned  
50 (82%) exact matches, in which:  
39 unique CDR3  
10 unique J



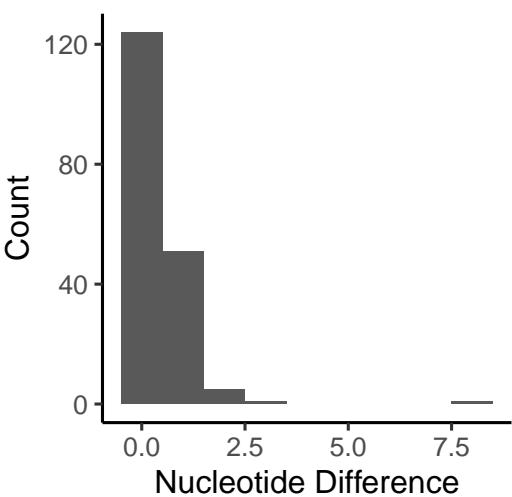
TRBV20–1\*bp04\_322GA:

1087 sequences assigned  
869 (79.9%) exact matches, in which:  
539 unique CDR3  
14 unique J



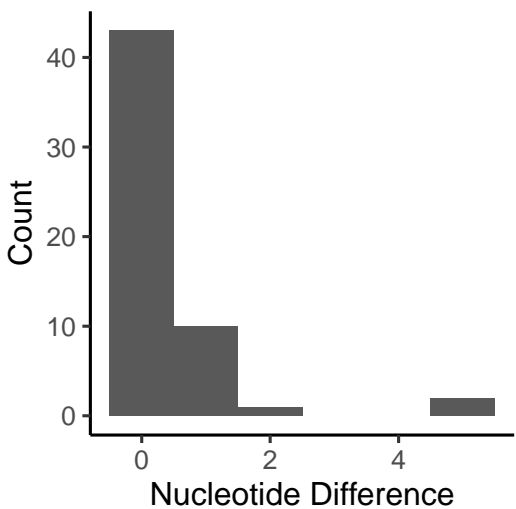
TRBV10–3\*bp02\_313GC:

182 sequences assigned  
124 (68.1%) exact matches, in which:  
107 unique CDR3  
14 unique J



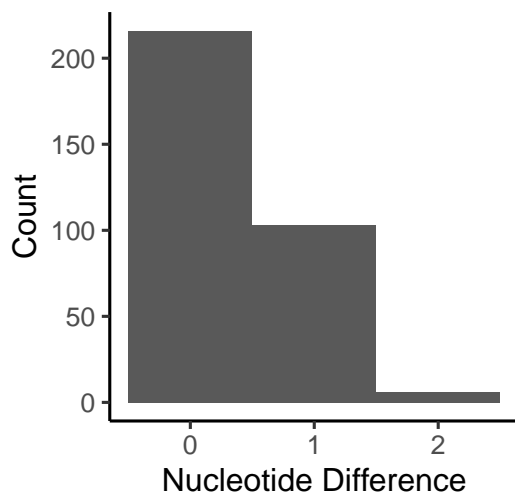
TRBV14\*bp02\_322CAAGA:

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



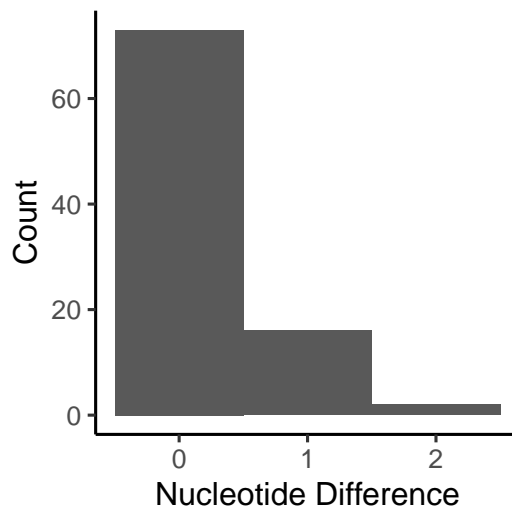
### TRBV15\*bp02

325 sequences assigned  
216 (66.5%) exact matches, in which:  
136 unique CDR3  
13 unique J



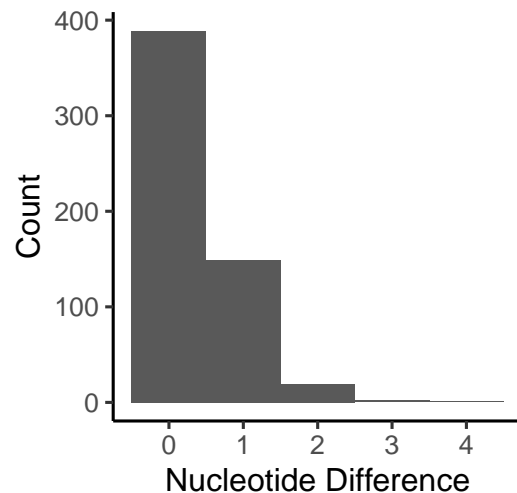
### TRBV2\*bp01

91 sequences assigned  
73 (80.2%) exact matches, in which:  
70 unique CDR3  
12 unique J



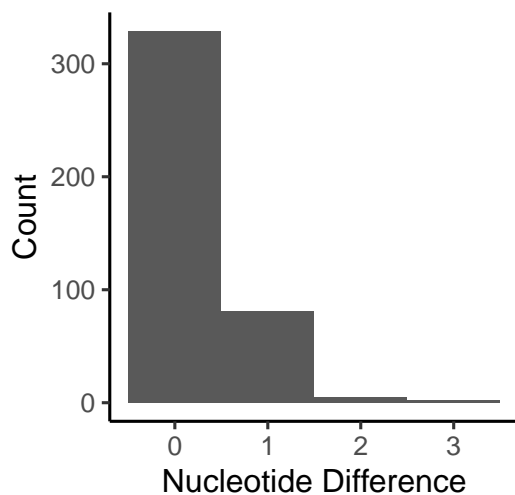
### TRBV30\*bp01

560 sequences assigned  
389 (69.5%) exact matches, in which:  
214 unique CDR3  
14 unique J



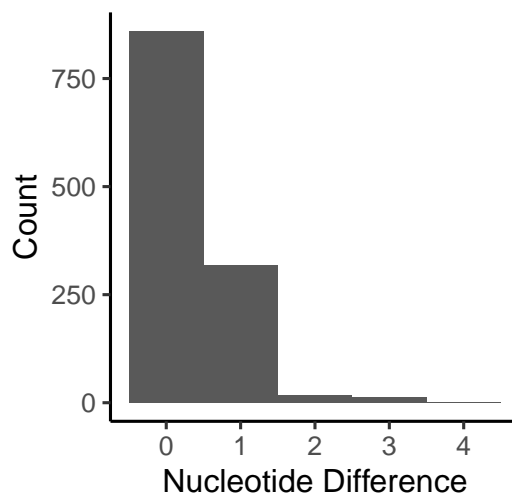
### TRBV18\*bp01

417 sequences assigned  
329 (78.9%) exact matches, in which:  
186 unique CDR3  
13 unique J



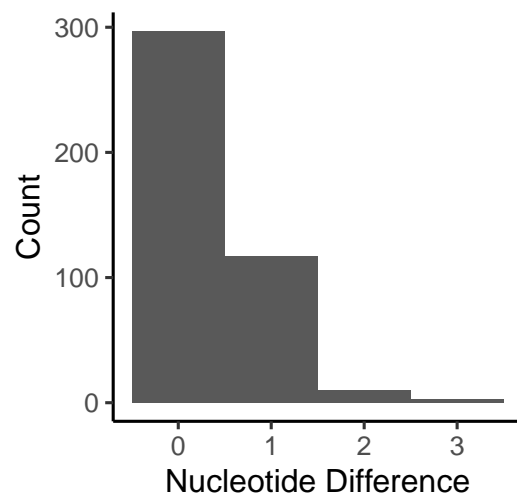
### TRBV27\*bp01

1209 sequences assigned  
860 (71.1%) exact matches, in which:  
710 unique CDR3  
14 unique J



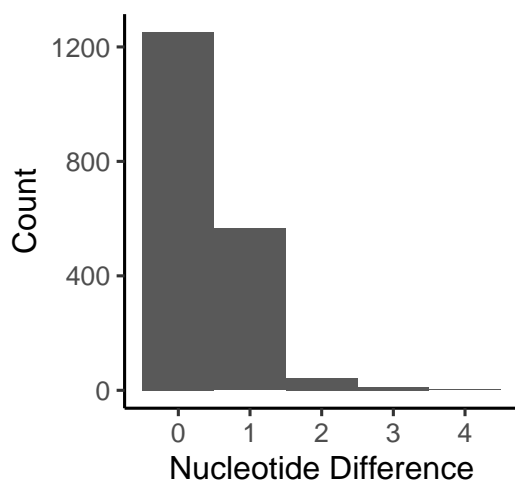
### TRBV30\*bp02

427 sequences assigned  
297 (69.6%) exact matches, in which:  
174 unique CDR3  
14 unique J



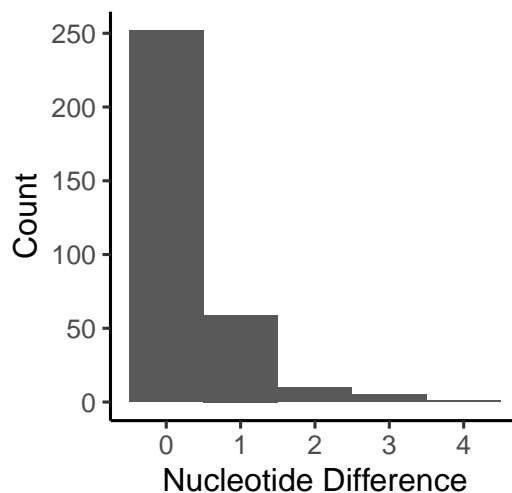
### TRBV19\*bp01

1876 sequences assigned  
1252 (66.7%) exact matches, in which:  
840 unique CDR3  
14 unique J



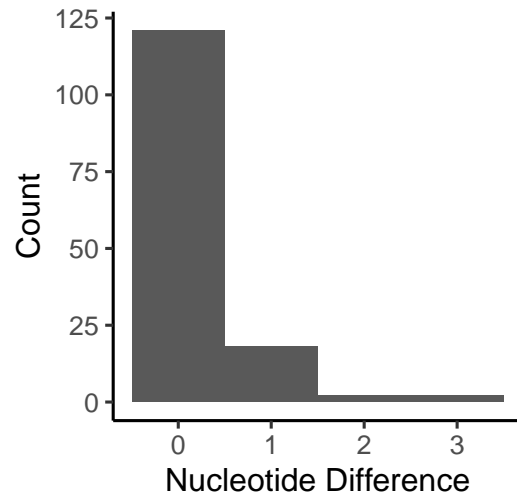
### TRBV28\*bp01

327 sequences assigned  
252 (77.1%) exact matches, in which:  
206 unique CDR3  
14 unique J



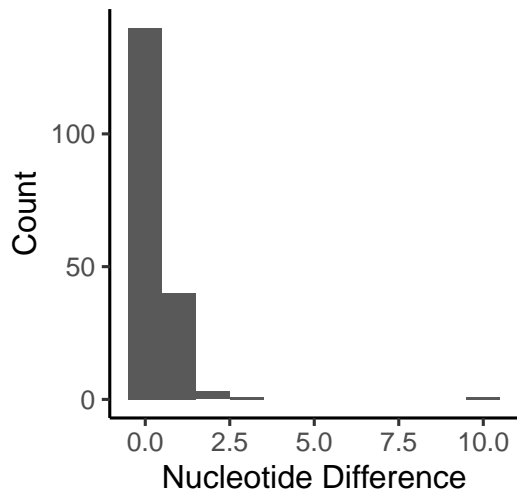
### TRBV9\*bp01

143 sequences assigned  
121 (84.6%) exact matches, in which:  
98 unique CDR3  
12 unique J



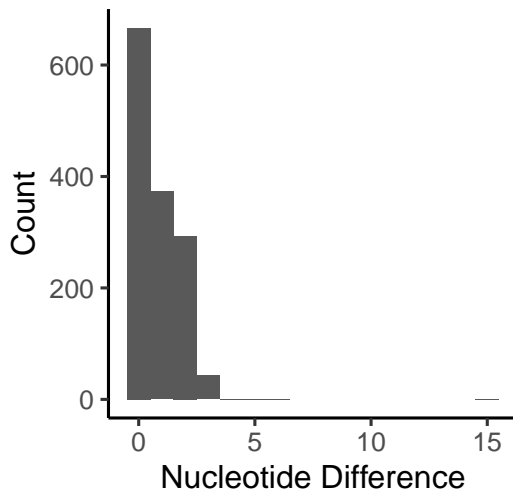
### TRBV21–1\*bp01

185 sequences assigned  
140 (75.7%) exact matches, in which:  
124 unique CDR3  
13 unique J



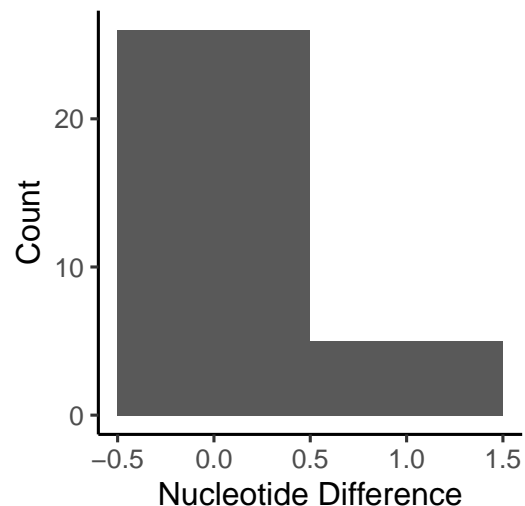
### TRBV11–3\*bp01

1380 sequences assigned  
667 (48.3%) exact matches, in which:  
480 unique CDR3  
14 unique J



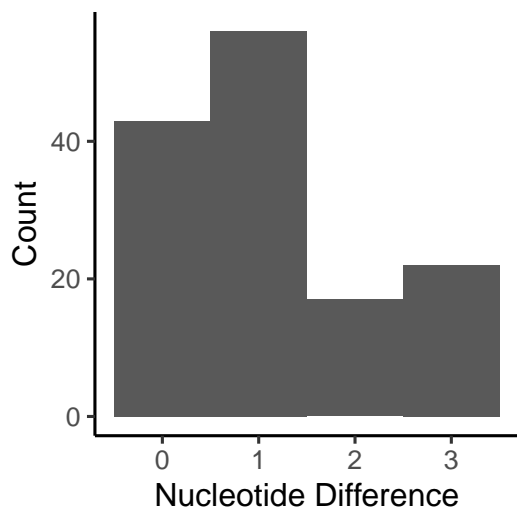
### TRBV23–1\*bp01

31 sequences assigned  
26 (83.9%) exact matches, in which:  
24 unique CDR3  
10 unique J



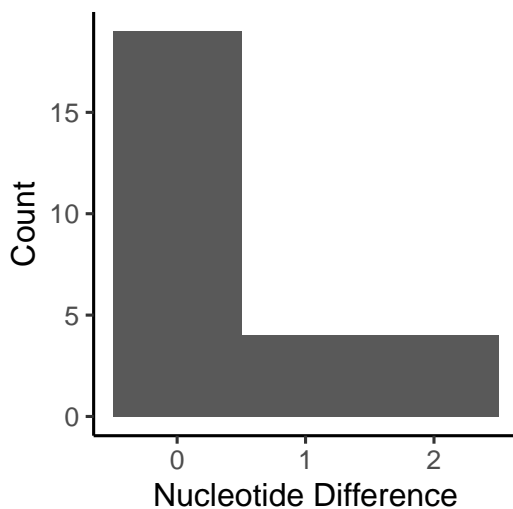
### TRBV11–1\*bp01

138 sequences assigned  
43 (31.2%) exact matches, in which:  
25 unique CDR3  
9 unique J



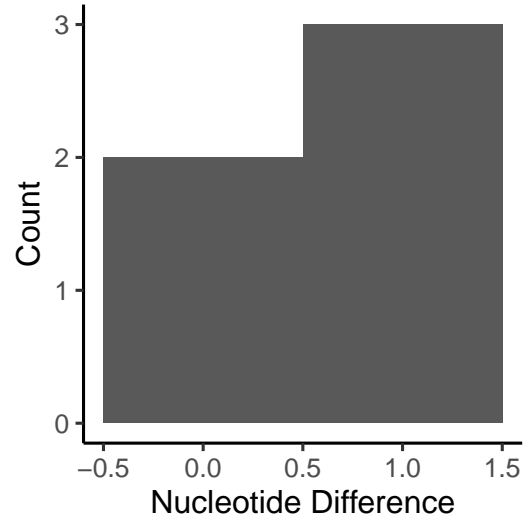
### TRBV12–5\*bp01

27 sequences assigned  
19 (70.4%) exact matches, in which:  
16 unique CDR3  
9 unique J



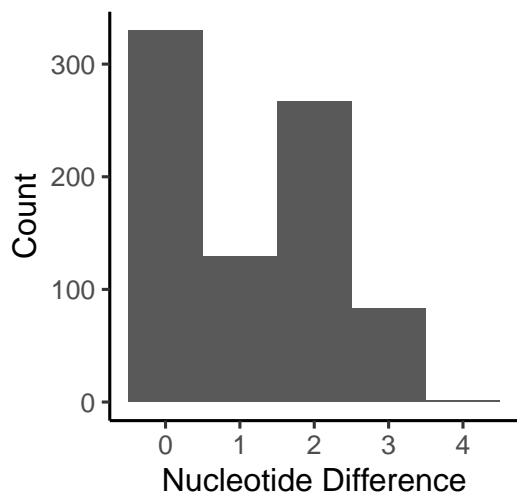
### TRBV3–1\*bp01

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



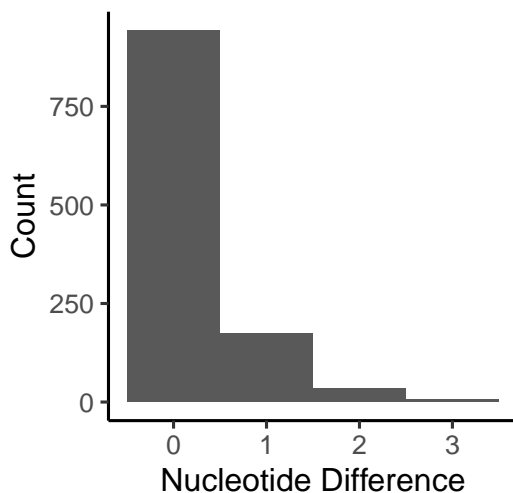
### TRBV11–2\*bp01

810 sequences assigned  
330 (40.7%) exact matches, in which:  
256 unique CDR3  
14 unique J



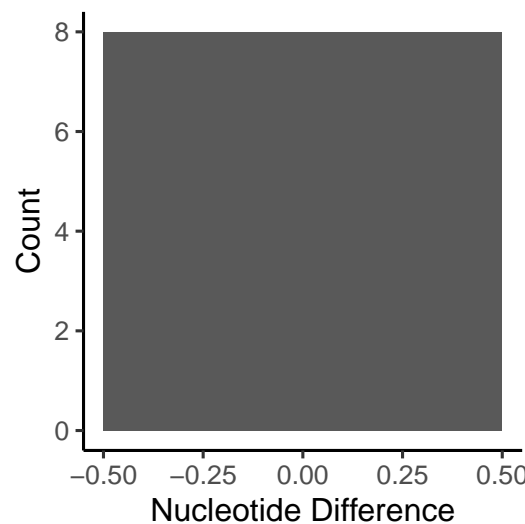
### TRBV12–34\*bp01

1158 sequences assigned  
943 (81.4%) exact matches, in which:  
562 unique CDR3  
14 unique J



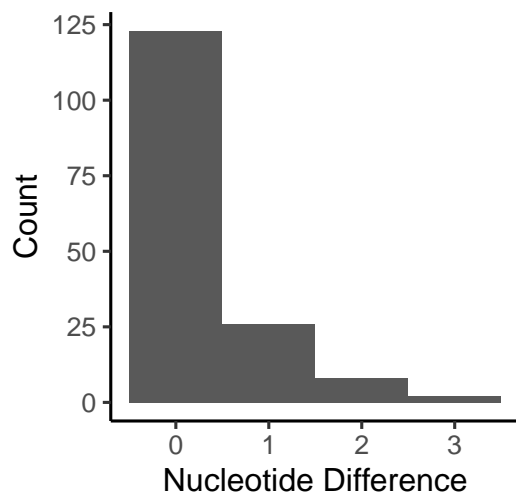
### TRBV3–2\*bp01

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



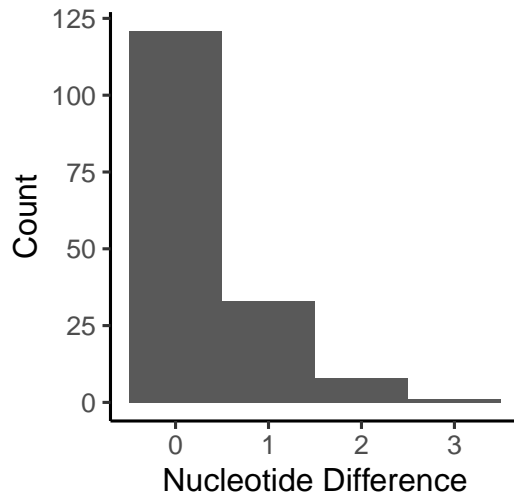
### TRBV4-1\*bp01

159 sequences assigned  
123 (77.4%) exact matches, in which:  
105 unique CDR3  
14 unique J



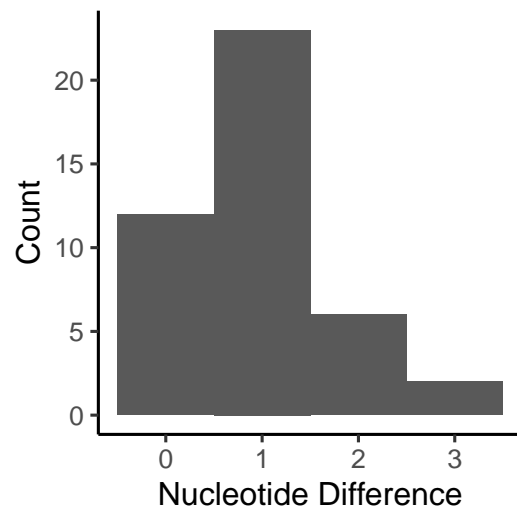
### TRBV4-3\*bp01

163 sequences assigned  
121 (74.2%) exact matches, in which:  
100 unique CDR3  
14 unique J



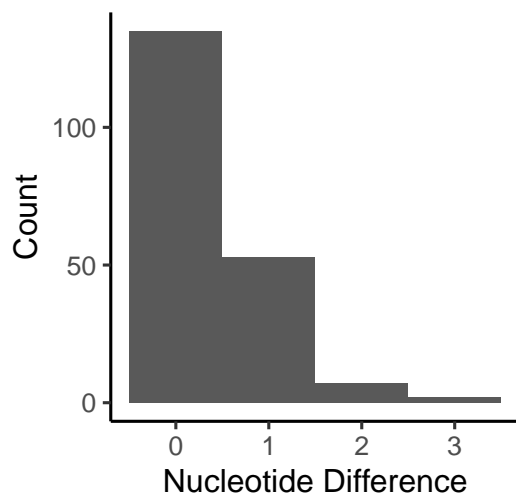
### TRBV5-3\*bp01

43 sequences assigned  
12 (27.9%) exact matches, in which:  
12 unique CDR3  
7 unique J



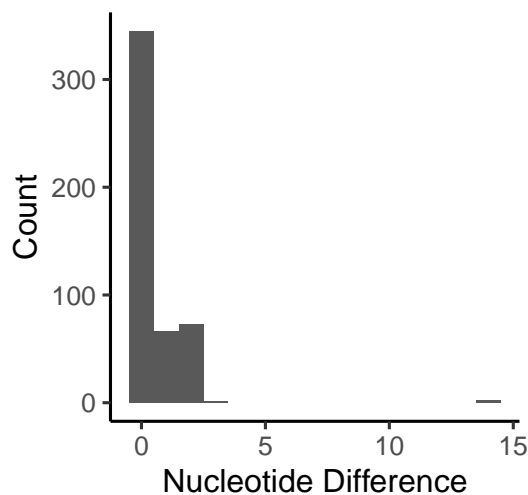
### TRBV24-1\*bp01

197 sequences assigned  
135 (68.5%) exact matches, in which:  
107 unique CDR3  
14 unique J



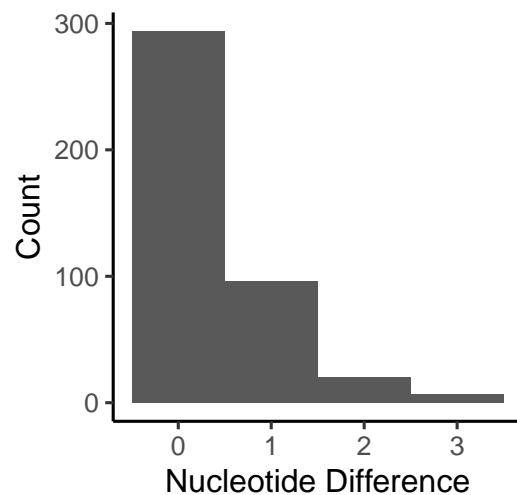
### TRBV5-1\*bp01

487 sequences assigned  
345 (70.8%) exact matches, in which:  
250 unique CDR3  
14 unique J



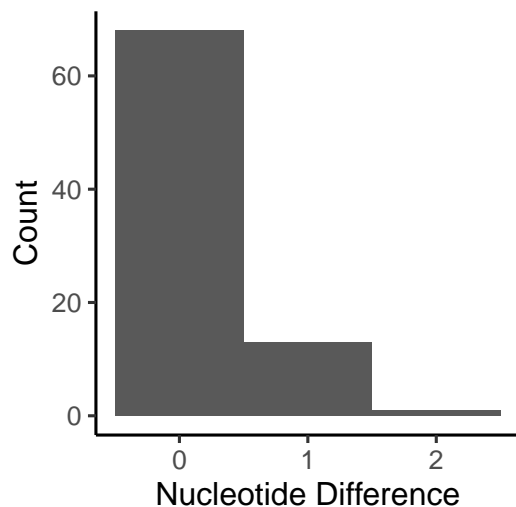
### TRBV5-4\*bp01

417 sequences assigned  
294 (70.5%) exact matches, in which:  
226 unique CDR3  
13 unique J



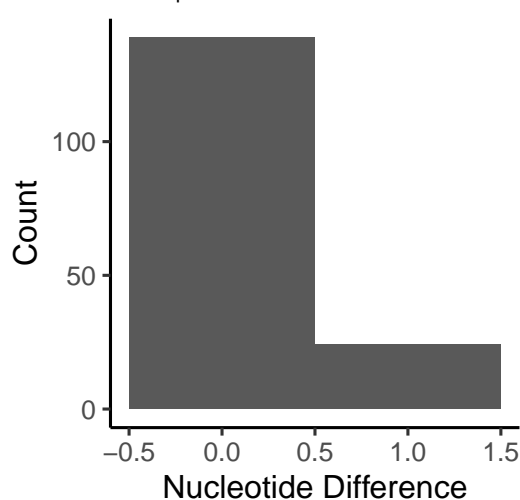
### TRBV4-2\*bp01

82 sequences assigned  
68 (82.9%) exact matches, in which:  
60 unique CDR3  
14 unique J



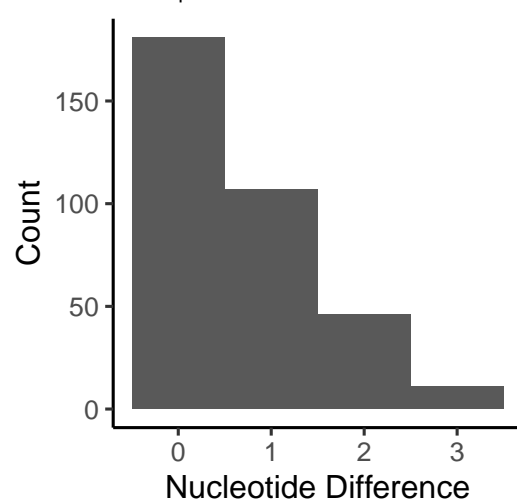
### TRBV25-1\*bp01

163 sequences assigned  
139 (85.3%) exact matches, in which:  
96 unique CDR3  
14 unique J



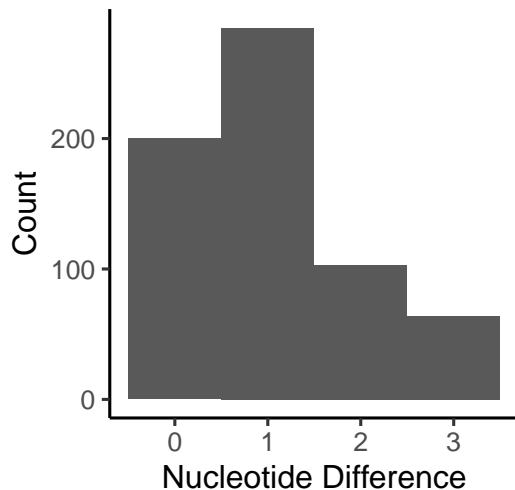
### TRBV5-5\*bp01

345 sequences assigned  
181 (52.5%) exact matches, in which:  
125 unique CDR3  
14 unique J



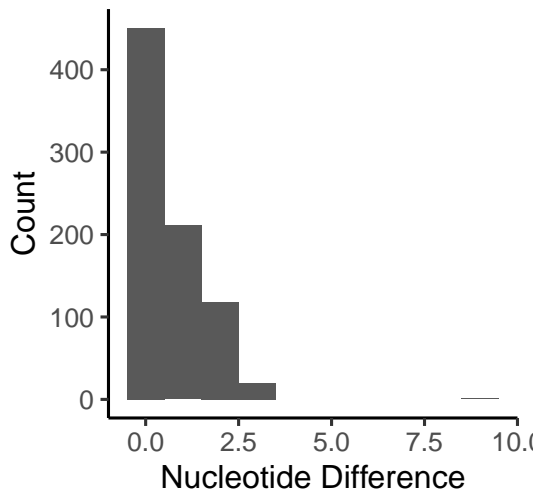
### TRBV5-6\*bp01

652 sequences assigned  
200 (30.7%) exact matches, in which:  
146 unique CDR3  
13 unique J



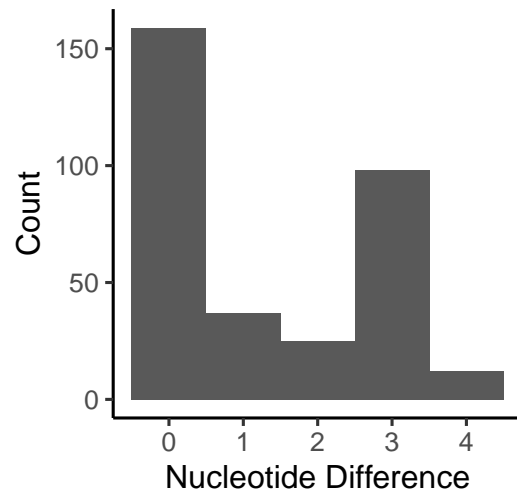
### TRBV6-1\*bp01

802 sequences assigned  
451 (56.2%) exact matches, in which:  
397 unique CDR3  
14 unique J



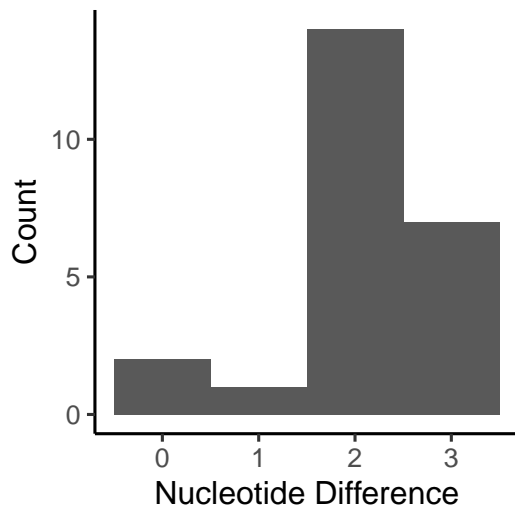
### TRBV6-6\*bp01

331 sequences assigned  
159 (48%) exact matches, in which:  
136 unique CDR3  
14 unique J



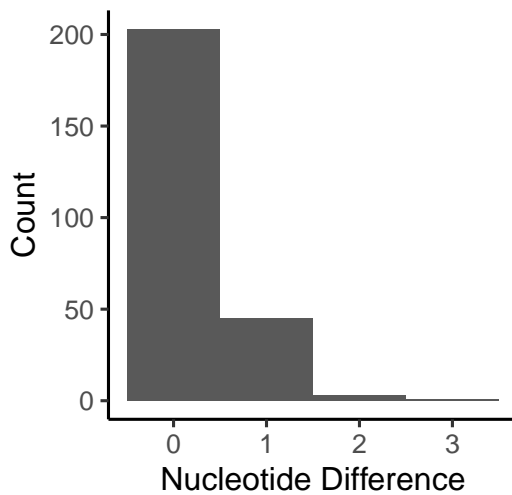
### TRBV5-7\*bp01

24 sequences assigned  
2 (8.3%) exact matches, in which:  
1 unique CDR3  
1 unique J



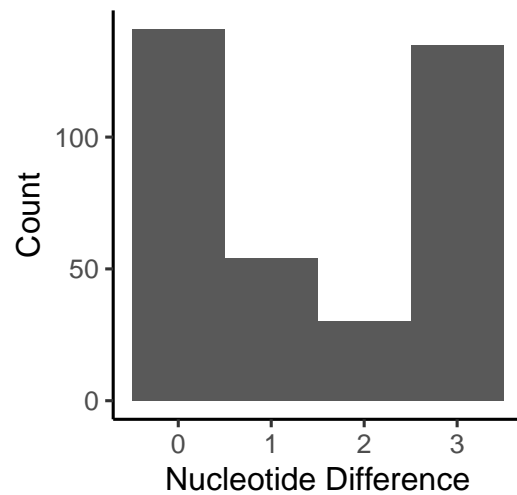
### TRBV6-4\*bp01

252 sequences assigned  
203 (80.6%) exact matches, in which:  
157 unique CDR3  
14 unique J



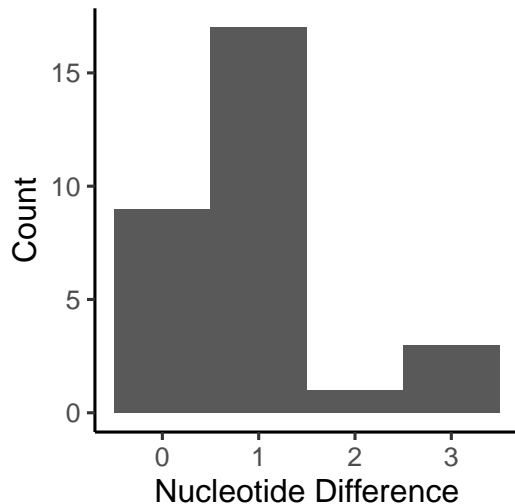
### TRBV6-6\*bp02

360 sequences assigned  
141 (39.2%) exact matches, in which:  
125 unique CDR3  
14 unique J



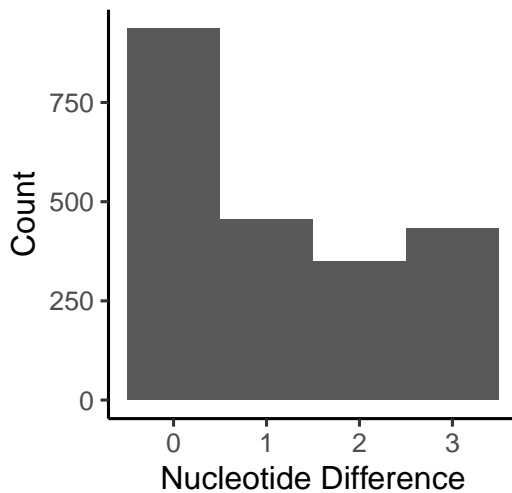
### TRBV5-8\*bp01

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



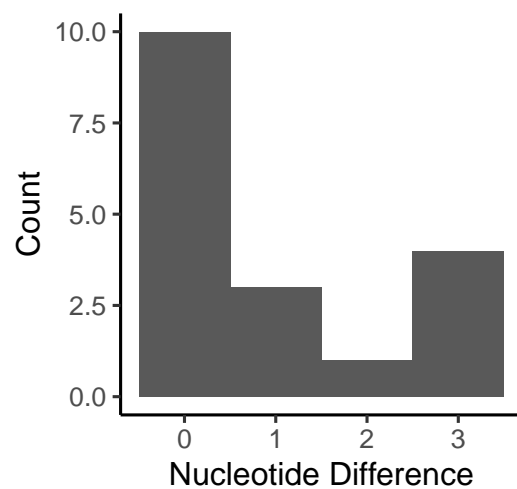
### TRBV6-5\*bp01

2174 sequences assigned  
937 (43.1%) exact matches, in which:  
767 unique CDR3  
14 unique J



### TRBV6-7\*bp01

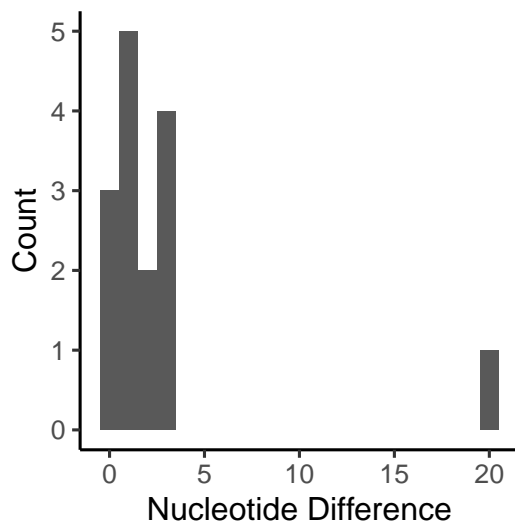
18 sequences assigned  
10 (55.6%) exact matches, in which:  
10 unique CDR3  
9 unique J





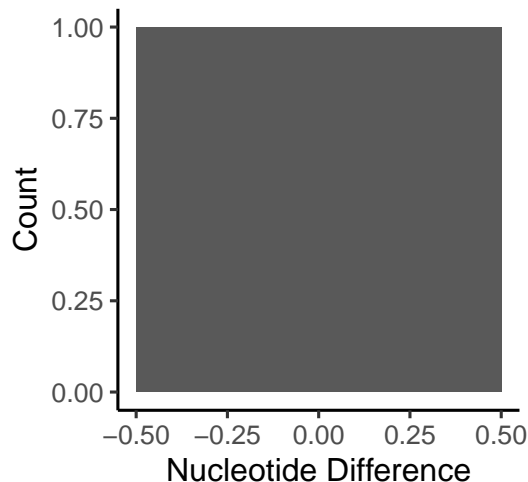
### TRBV6–8\*bp01

15 sequences assigned  
3 (20%) exact matches, in which:  
2 unique CDR3  
2 unique J



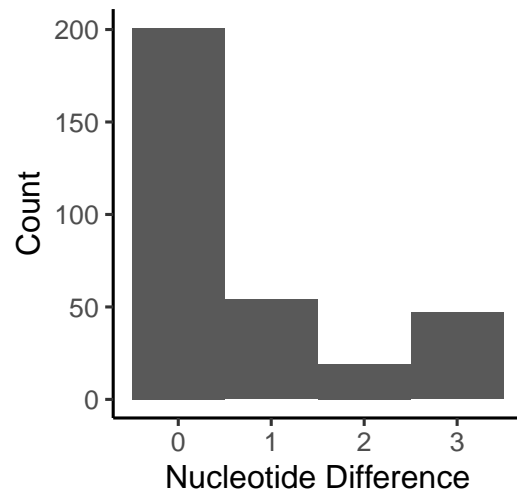
### TRBV7–1\*bp01

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



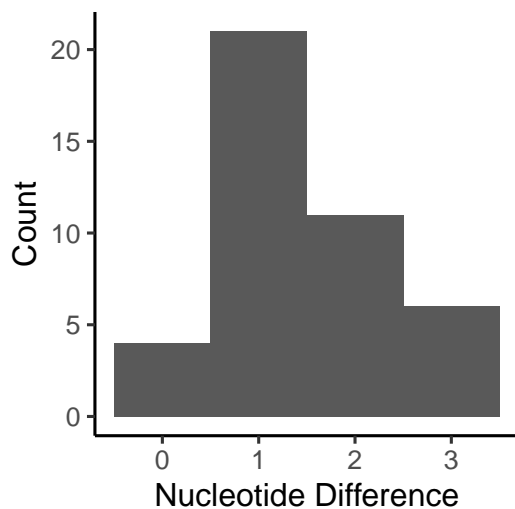
### TRBV7–3\*bp01

321 sequences assigned  
201 (62.6%) exact matches, in which:  
141 unique CDR3  
13 unique J



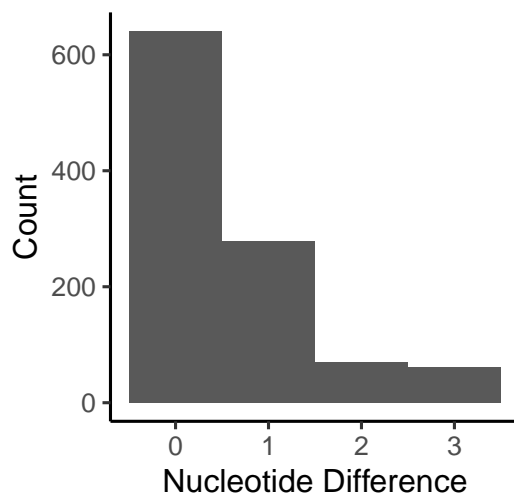
### TRBV6–9\*bp01

42 sequences assigned  
4 (9.5%) exact matches, in which:  
4 unique CDR3  
3 unique J



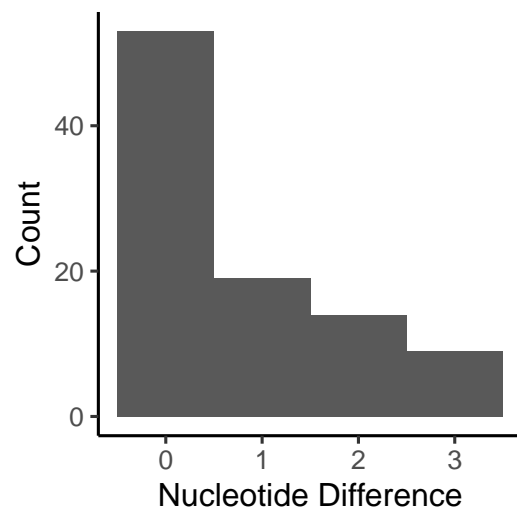
### TRBV7–2\*bp01

1051 sequences assigned  
641 (61%) exact matches, in which:  
411 unique CDR3  
14 unique J



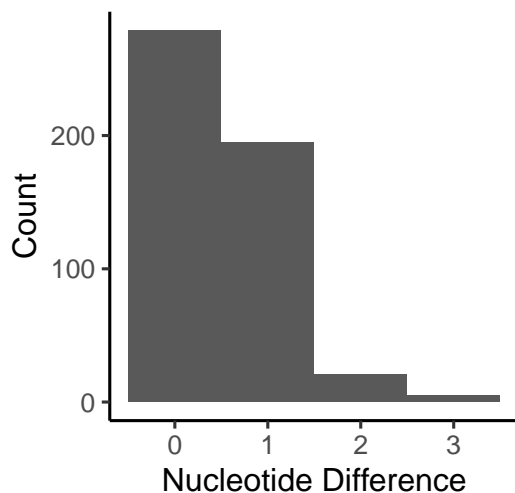
### TRBV7–3\*bp02

95 sequences assigned  
53 (55.8%) exact matches, in which:  
32 unique CDR3  
13 unique J



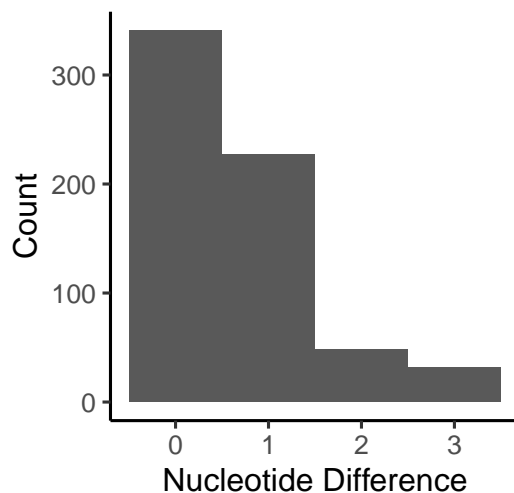
### TRBV6–23\*bp01

501 sequences assigned  
279 (55.7%) exact matches, in which:  
241 unique CDR3  
14 unique J



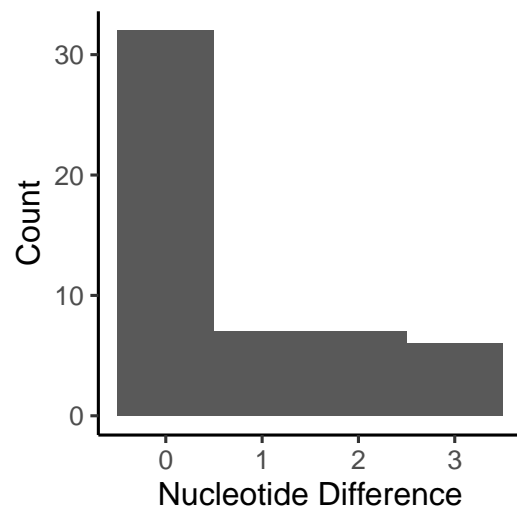
### TRBV7–2\*bp02

648 sequences assigned  
341 (52.6%) exact matches, in which:  
215 unique CDR3  
14 unique J



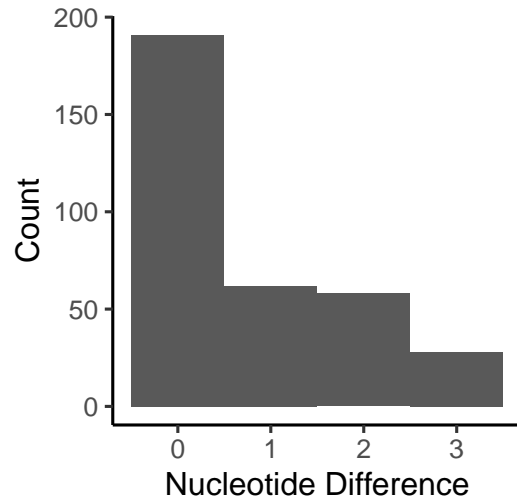
### TRBV7–4\*bp01

52 sequences assigned  
32 (61.5%) exact matches, in which:  
26 unique CDR3  
11 unique J



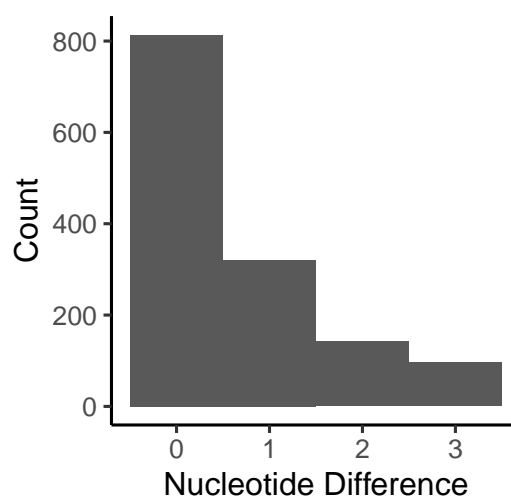
### TRBV7-6\*bp01

339 sequences assigned  
191 (56.3%) exact matches, in which:  
112 unique CDR3  
14 unique J



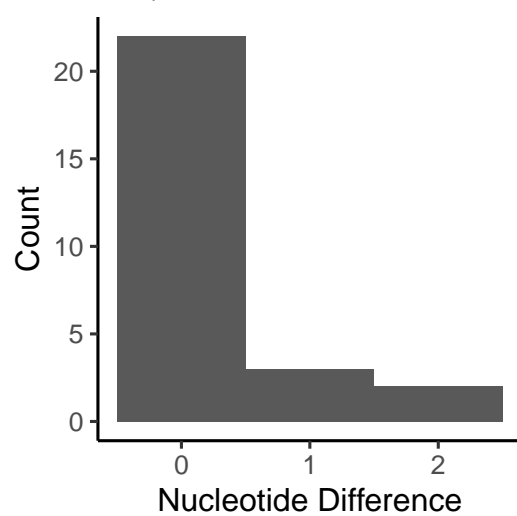
### TRBV7-9\*bp01

1373 sequences assigned  
814 (59.3%) exact matches, in which:  
499 unique CDR3  
14 unique J



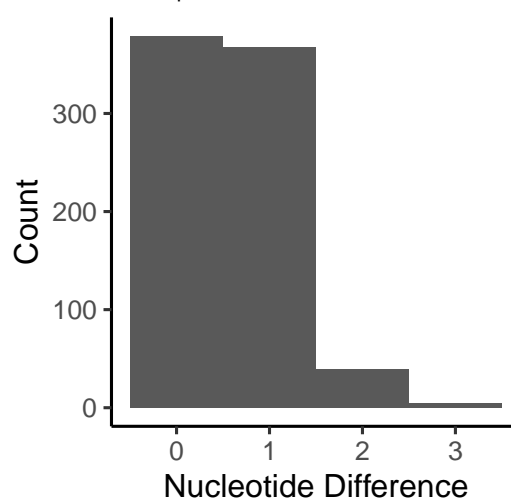
### TRBV7-7\*bp01

27 sequences assigned  
22 (81.5%) exact matches, in which:  
17 unique CDR3  
9 unique J



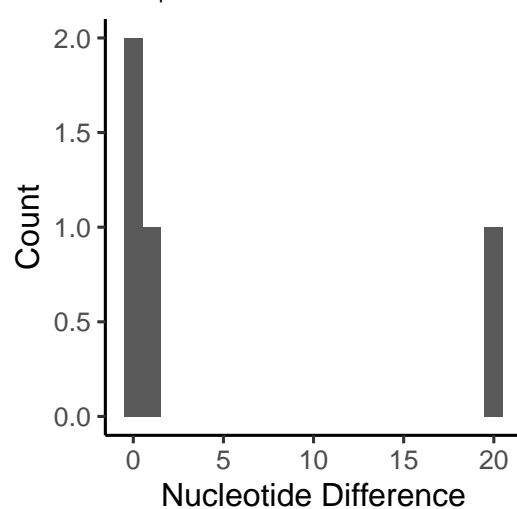
### TRBV29-1\*bp01

791 sequences assigned  
379 (47.9%) exact matches, in which:  
257 unique CDR3  
12 unique J



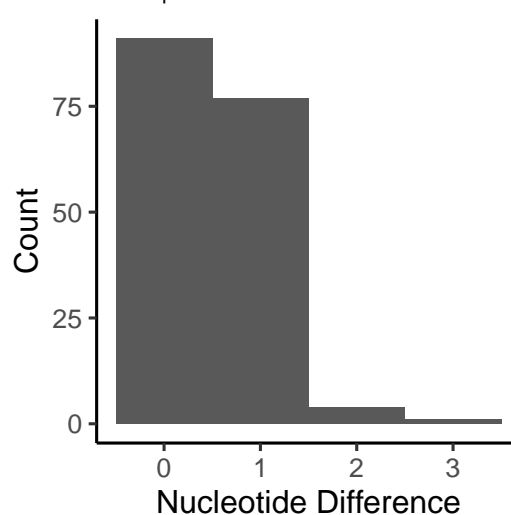
### TRBV7-8\*bp01

4 sequences assigned  
2 (50%) exact matches, in which:  
2 unique CDR3  
1 unique J

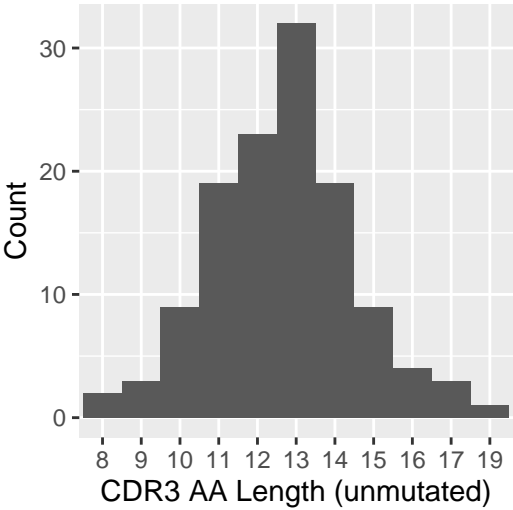


### TRBV29-1\*bp03

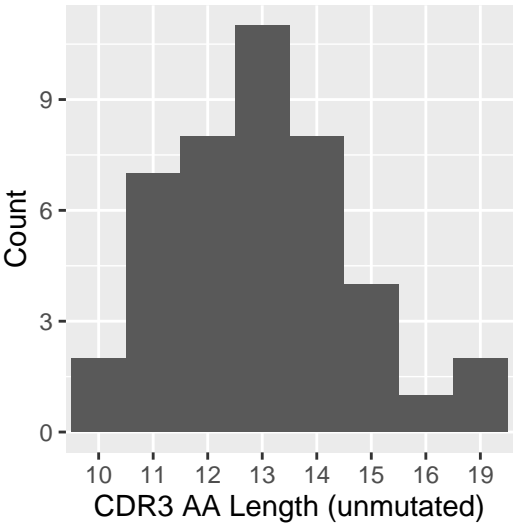
173 sequences assigned  
91 (52.6%) exact matches, in which:  
67 unique CDR3  
11 unique J



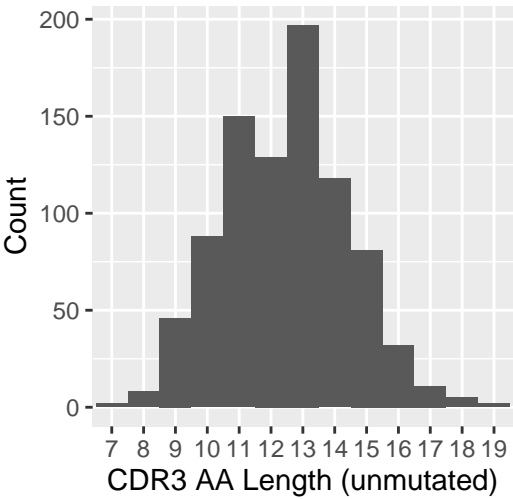
TRBV10-3\*bp02\_313GCCATCAGTGAGTC326

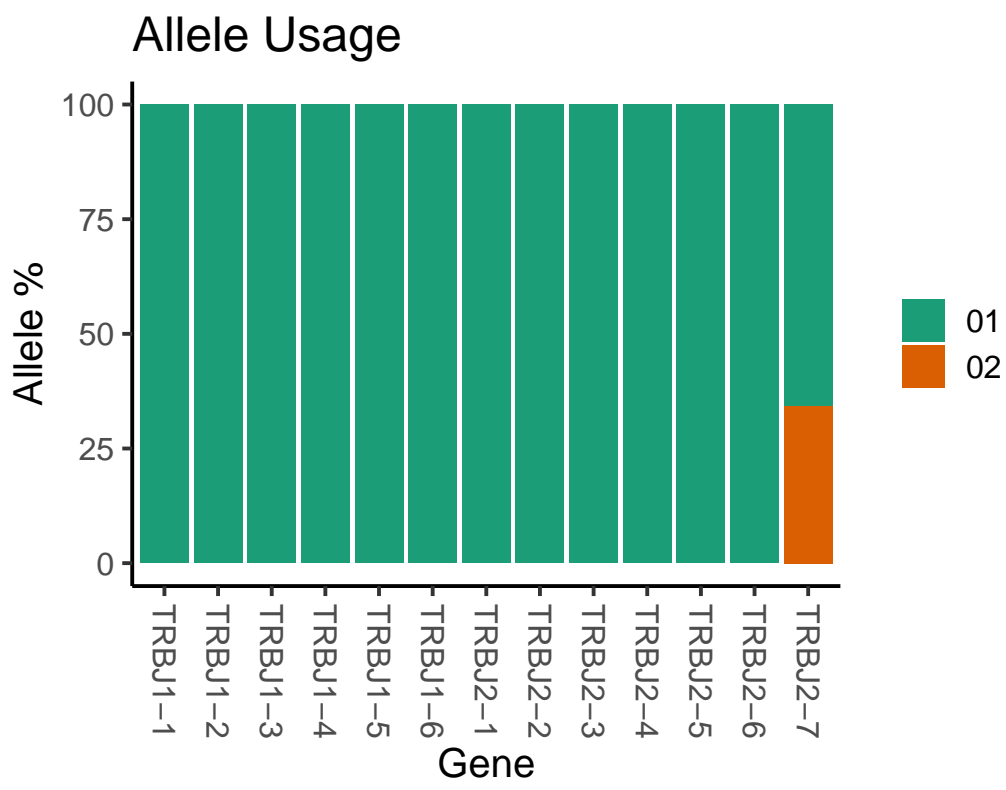


TRBV14\*bp02\_322CAAGA326



TRBV20-1\*bp04\_322GA323





Sequence Count by TRBJ2-7 allele usage



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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