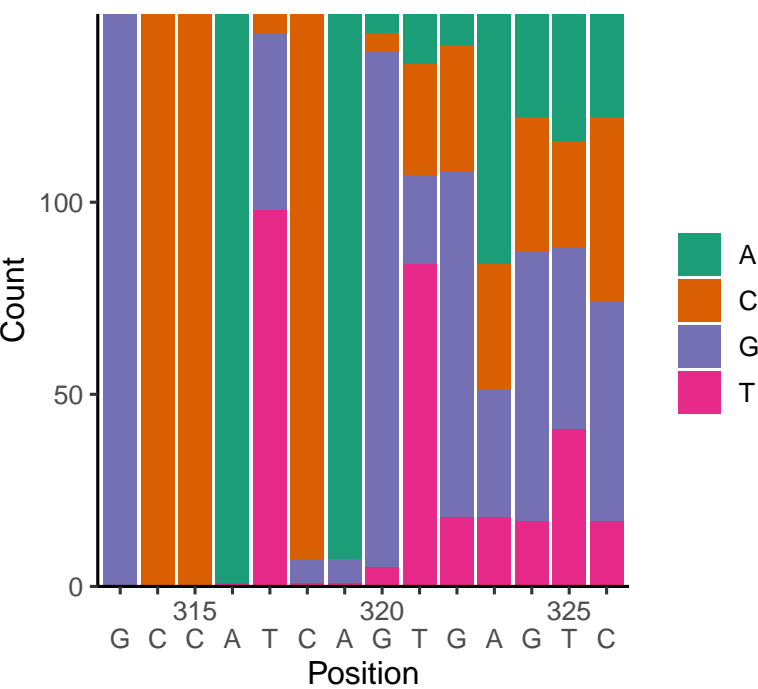
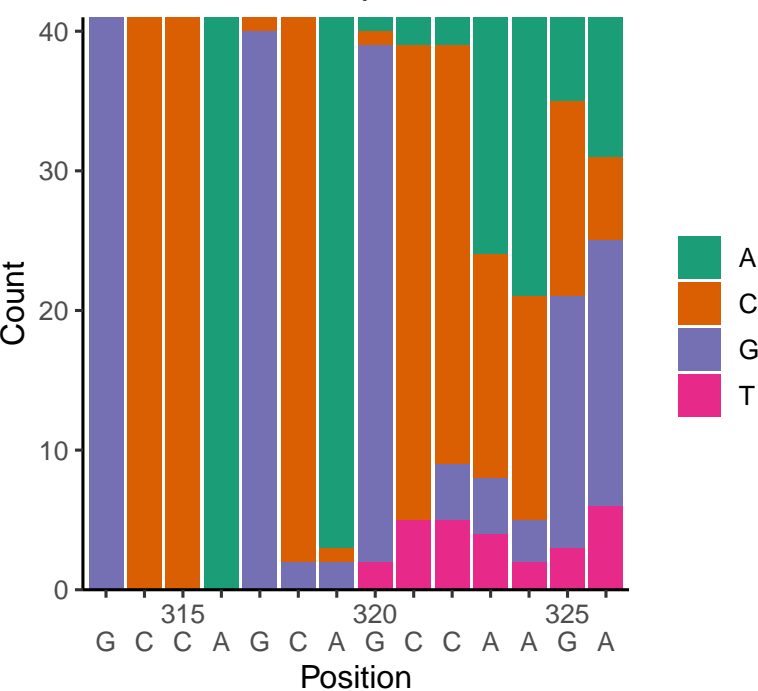


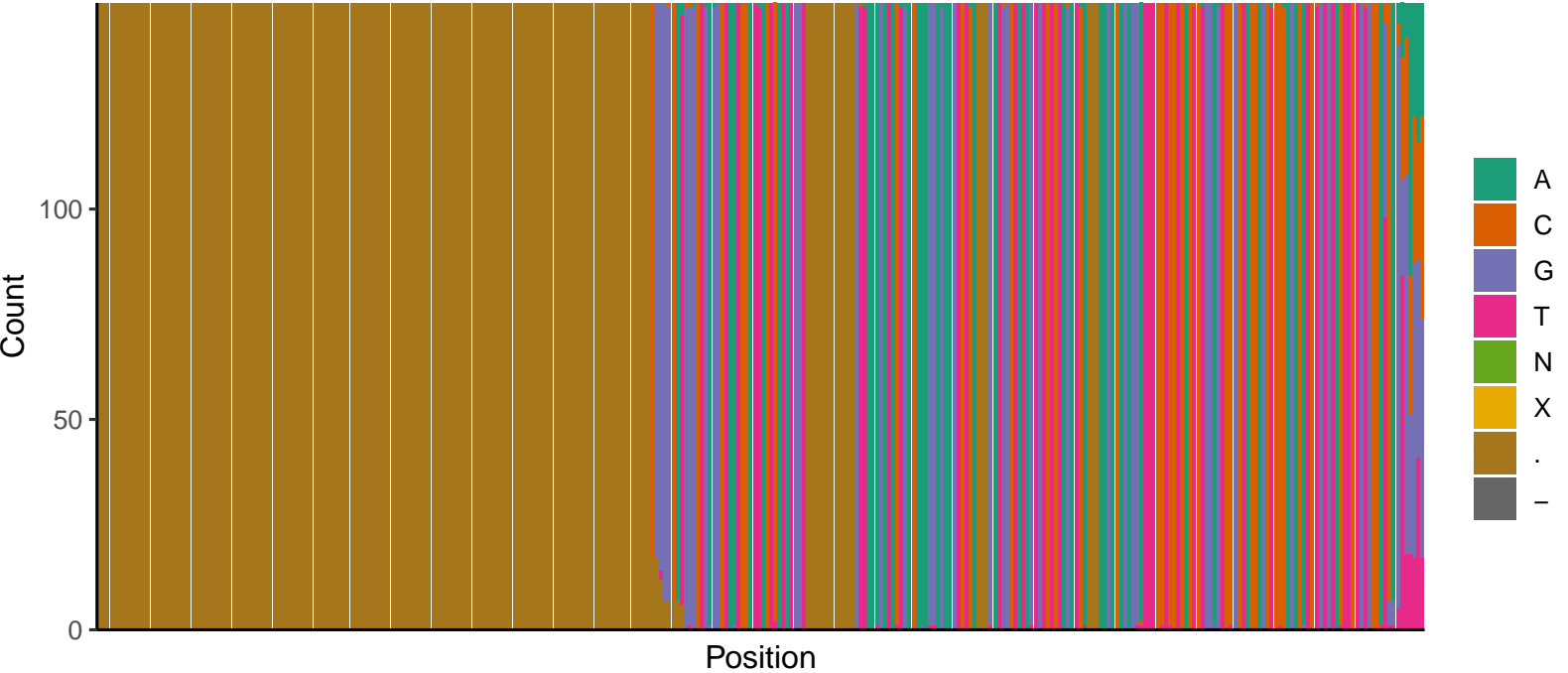
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



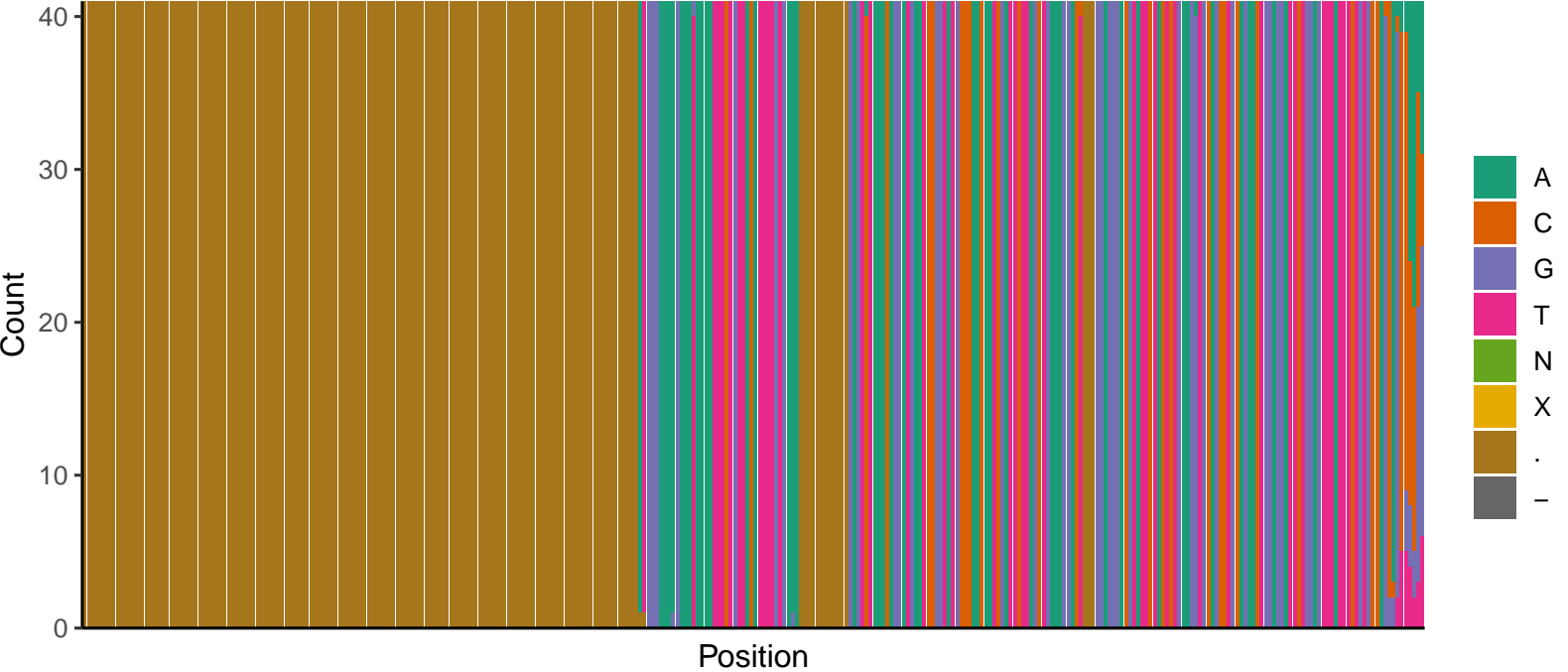
Gene TRBV14\*bp02\_322CAAGA326



Gene TRBV10–3\*bp02\_313GCCATCAGTGAGTC326



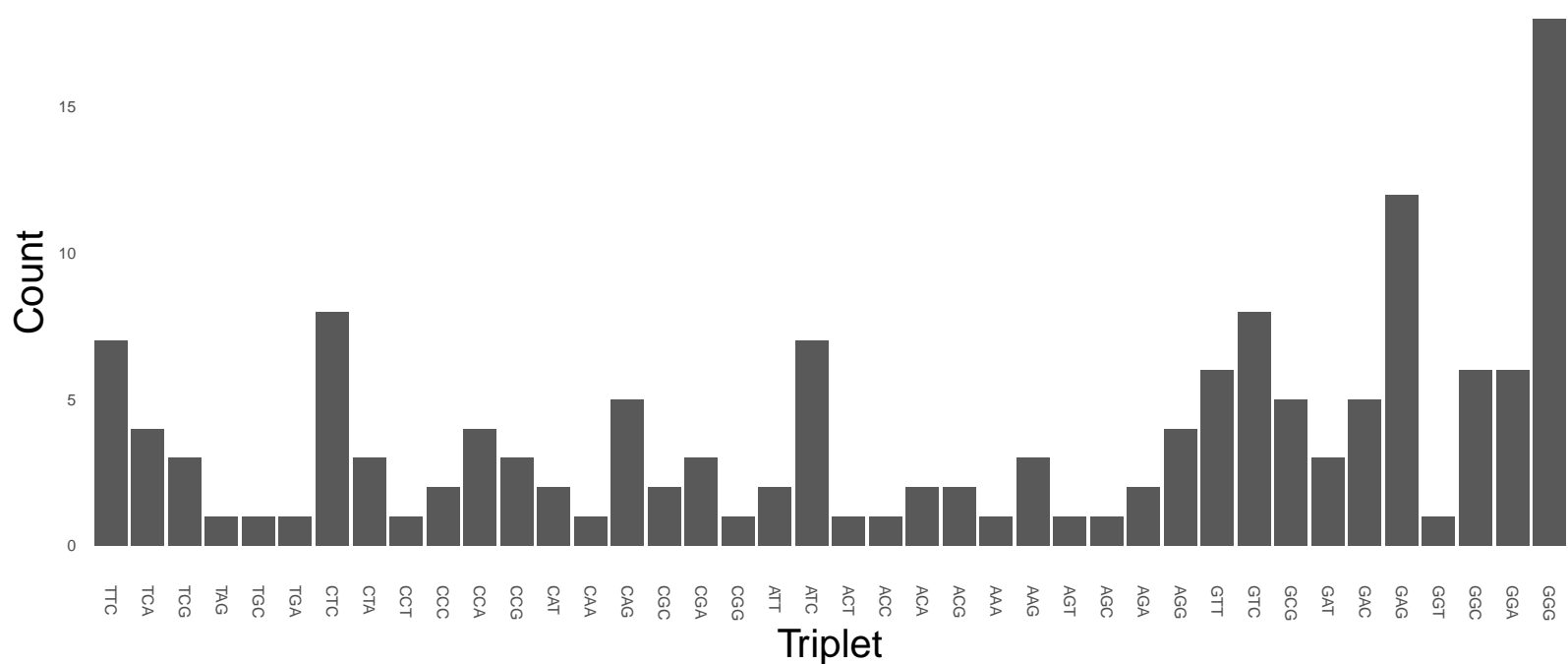
Gene TRBV14\*bp02\_322CAAGA326



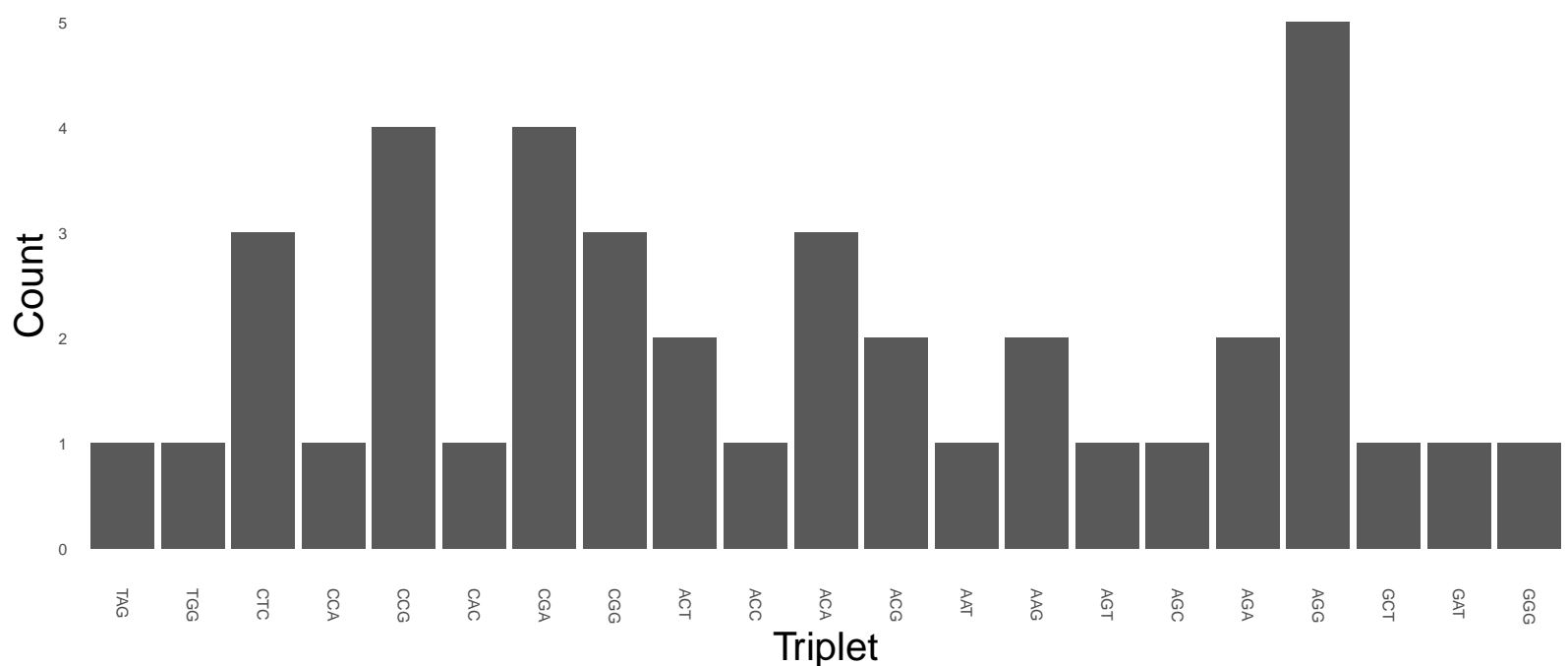
Gene TRBV20–1\*bp04\_322GA323



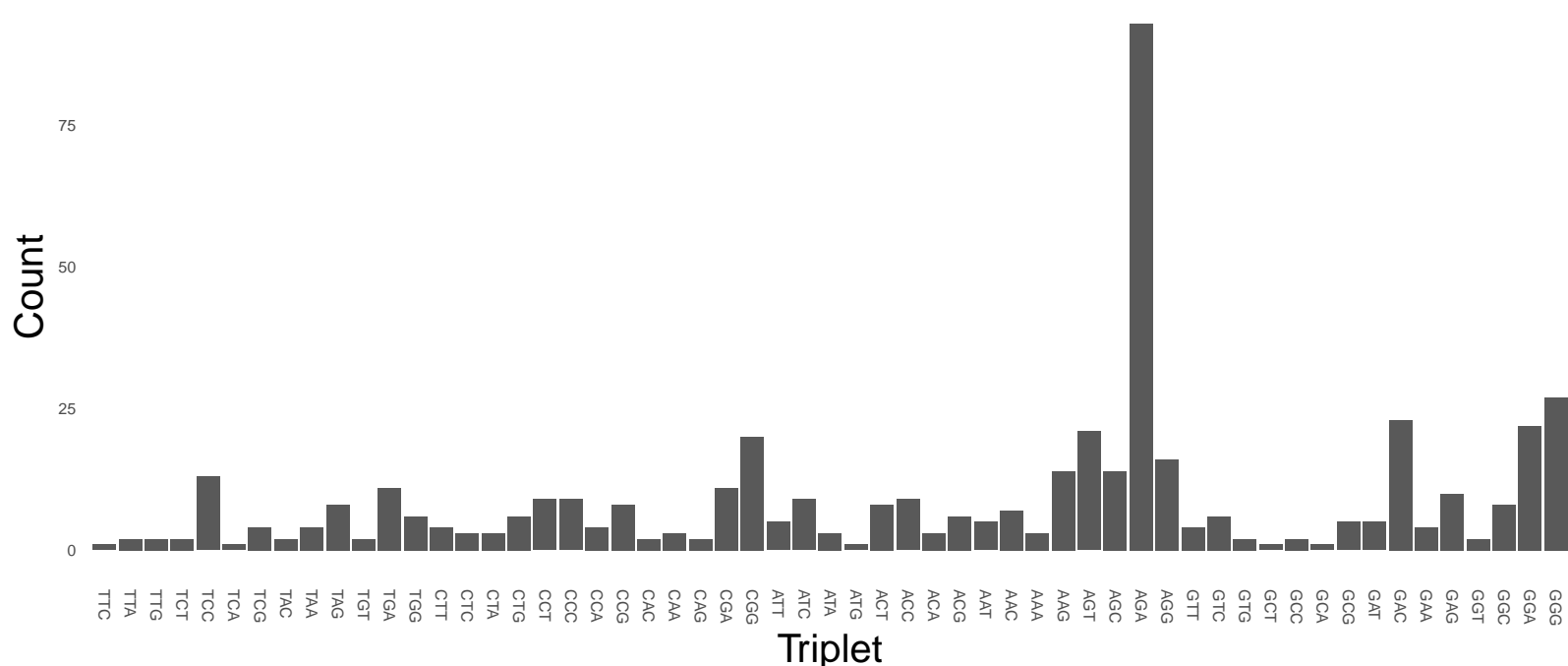
TRBV10–3\*bp02\_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



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

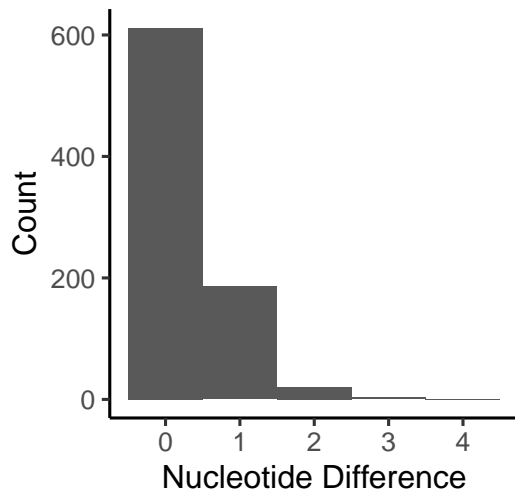


TRBV20–1\*bp04\_322GA323– Final 3 nucleotides as a triplet



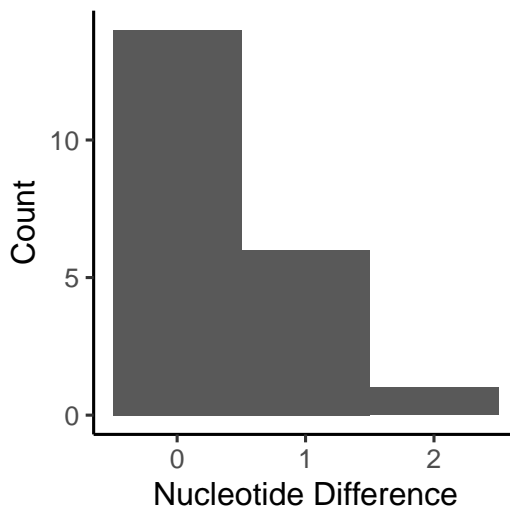
### TRBV20–1\*bp01

822 sequences assigned  
612 (74.5%) exact matches, in which:  
341 unique CDR3  
14 unique J



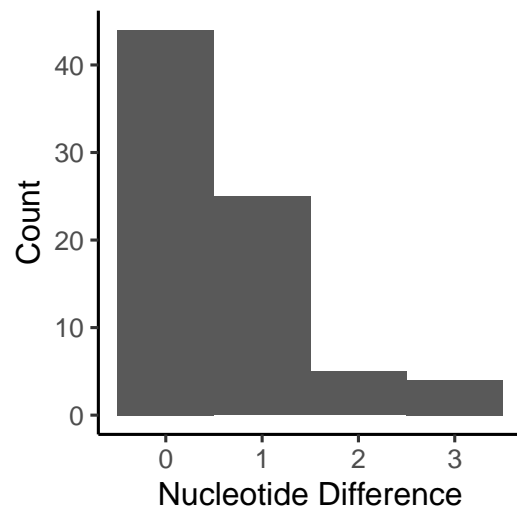
### TRBV10–2\*bp01

21 sequences assigned  
14 (66.7%) exact matches, in which:  
12 unique CDR3  
7 unique J



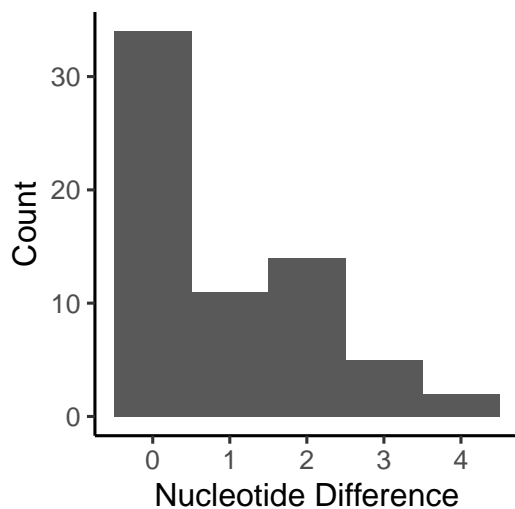
### TRBV13\*bp01

78 sequences assigned  
44 (56.4%) exact matches, in which:  
36 unique CDR3  
11 unique J



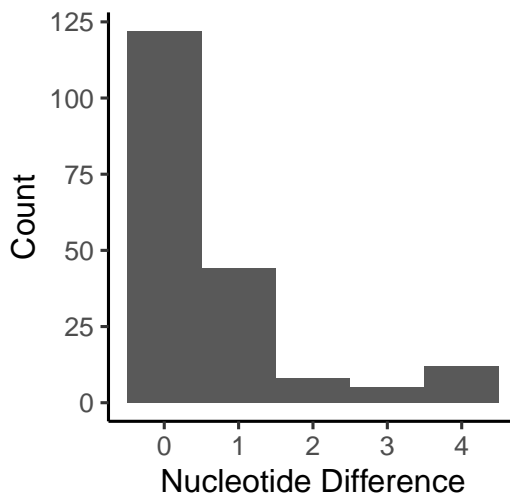
### TRBV10–1\*bp01

66 sequences assigned  
34 (51.5%) exact matches, in which:  
29 unique CDR3  
9 unique J



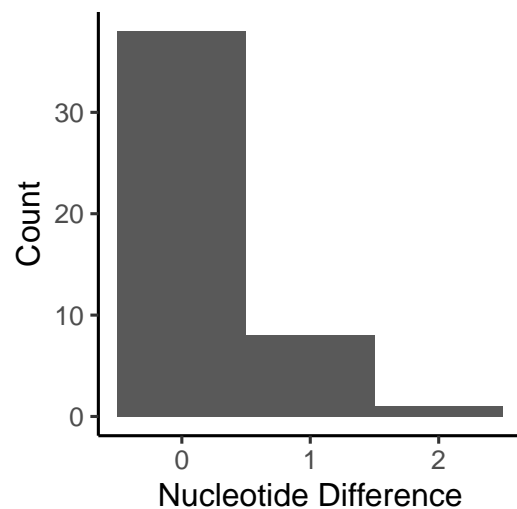
### TRBV10–3\*bp01

191 sequences assigned  
122 (63.9%) exact matches, in which:  
108 unique CDR3  
14 unique J



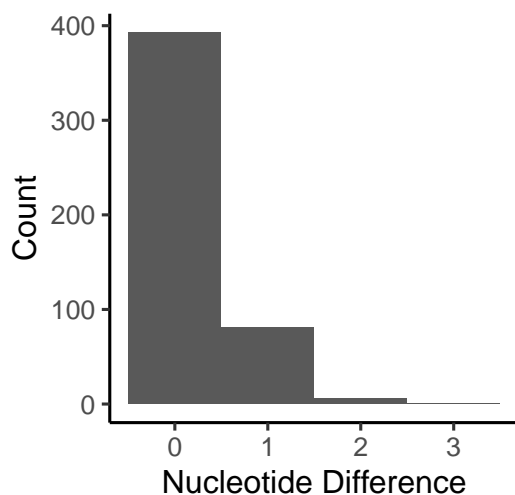
### TRBV14\*bp01

47 sequences assigned  
38 (80.9%) exact matches, in which:  
32 unique CDR3  
8 unique J



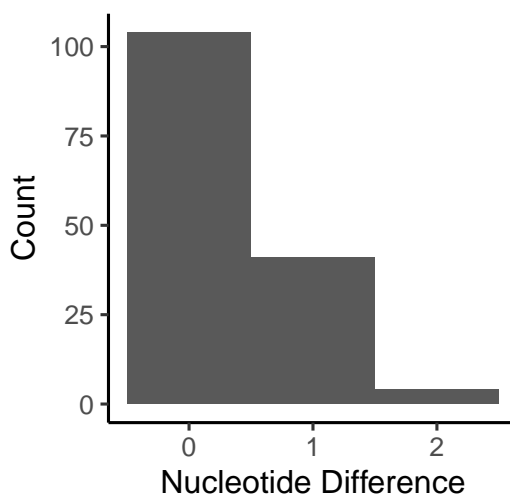
### TRBV20–1\*bp04\_322GA:

481 sequences assigned  
393 (81.7%) exact matches, in which:  
272 unique CDR3  
14 unique J



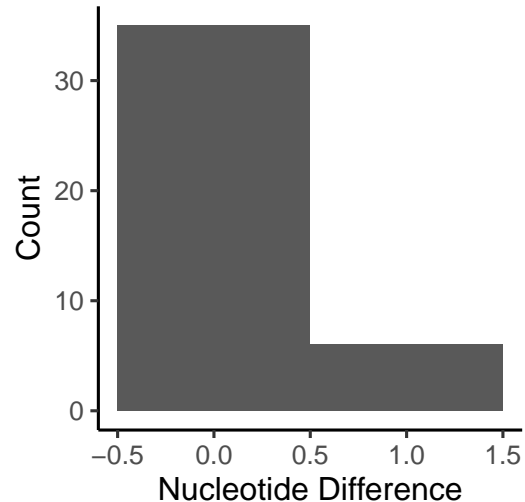
### TRBV10–3\*bp02\_313GC:

149 sequences assigned  
104 (69.8%) exact matches, in which:  
85 unique CDR3  
13 unique J



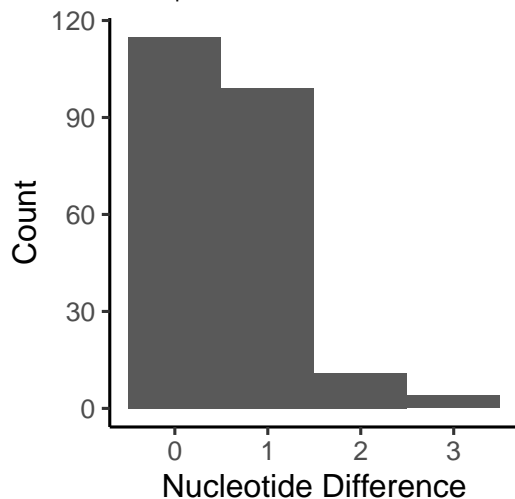
### TRBV14\*bp02\_322CAAG:

41 sequences assigned  
35 (85.4%) exact matches, in which:  
33 unique CDR3  
11 unique J



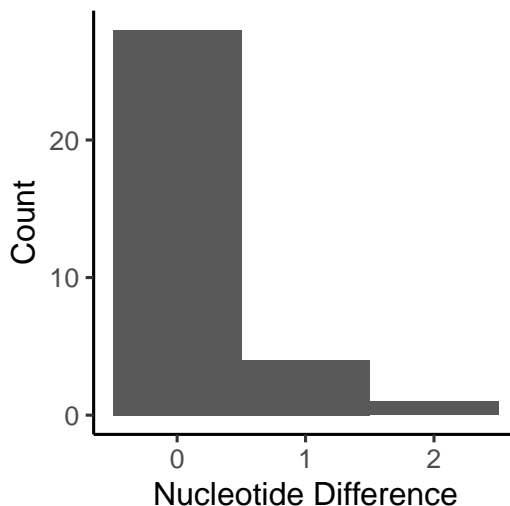
### TRBV15\*bp02

229 sequences assigned  
115 (50.2%) exact matches, in which:  
79 unique CDR3  
12 unique J



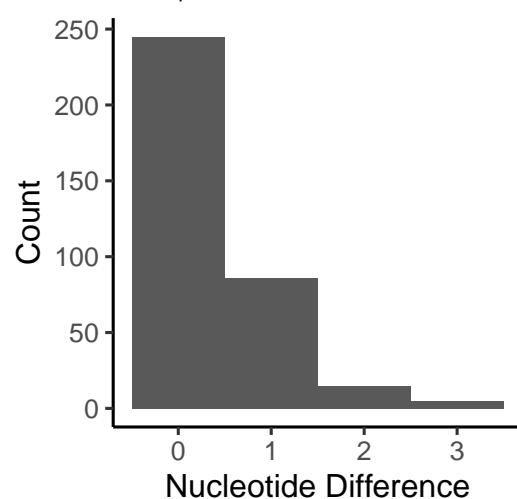
### TRBV2\*bp01

33 sequences assigned  
28 (84.8%) exact matches, in which:  
26 unique CDR3  
9 unique J



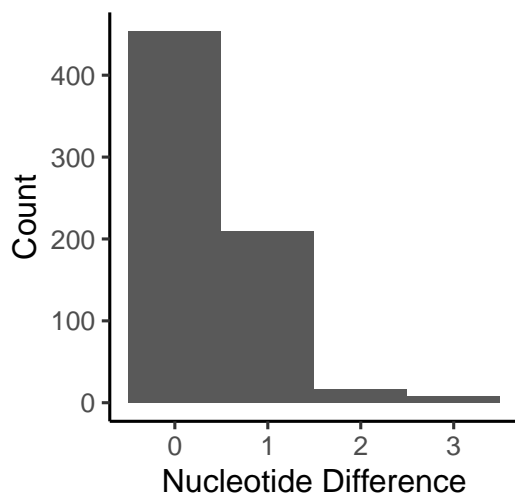
### TRBV30\*bp01

351 sequences assigned  
245 (69.8%) exact matches, in which:  
116 unique CDR3  
14 unique J



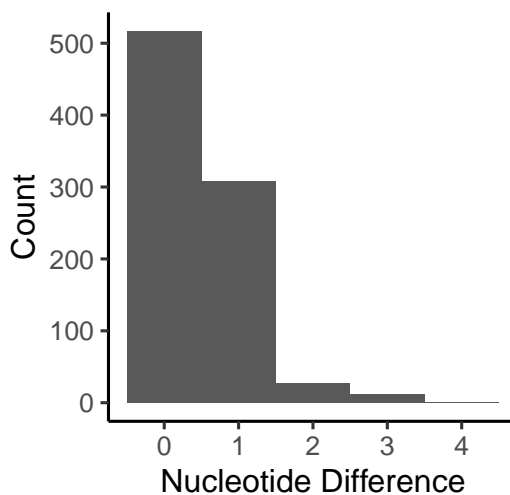
### TRBV18\*bp01

689 sequences assigned  
454 (65.9%) exact matches, in which:  
252 unique CDR3  
13 unique J



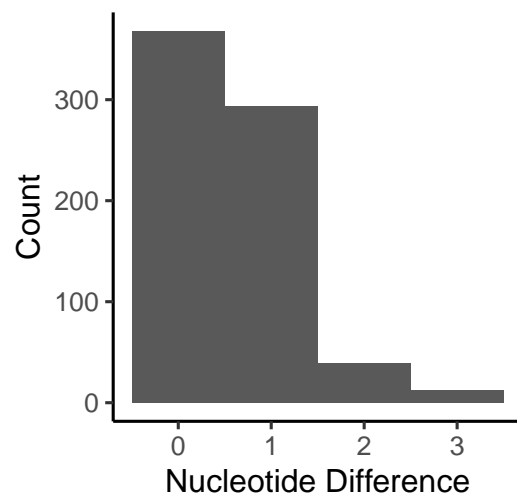
### TRBV27\*bp01

865 sequences assigned  
517 (59.8%) exact matches, in which:  
415 unique CDR3  
14 unique J



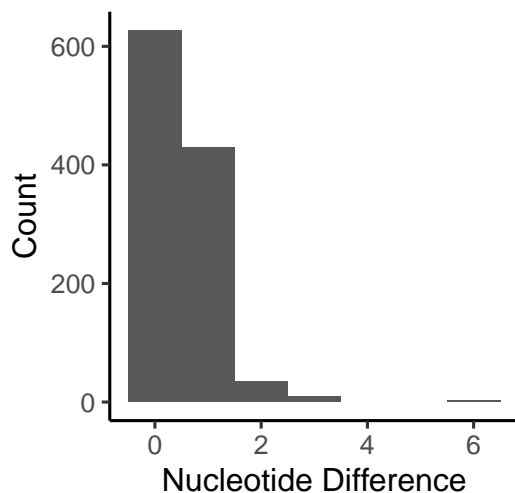
### TRBV30\*bp02

713 sequences assigned  
368 (51.6%) exact matches, in which:  
195 unique CDR3  
14 unique J



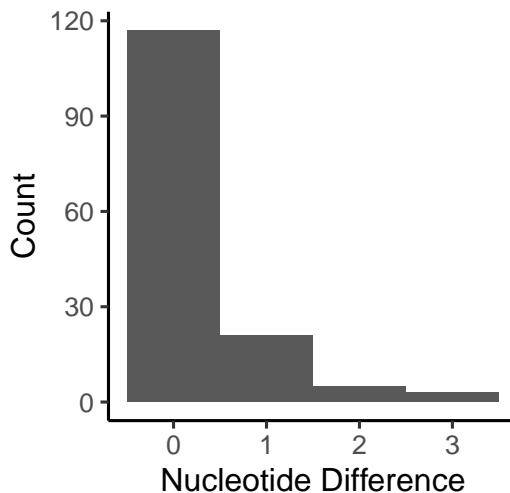
### TRBV19\*bp01

1105 sequences assigned  
627 (56.7%) exact matches, in which:  
401 unique CDR3  
14 unique J



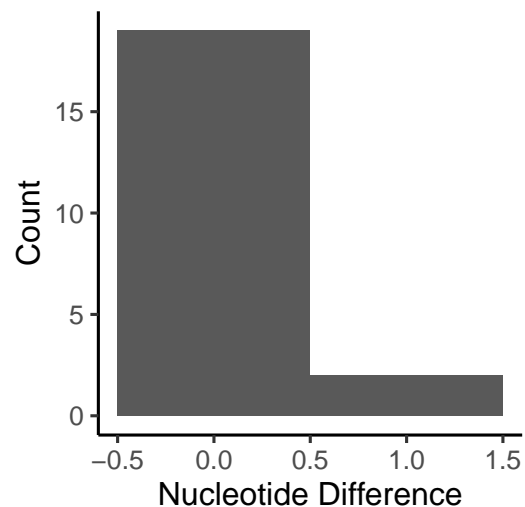
### TRBV28\*bp01

146 sequences assigned  
117 (80.1%) exact matches, in which:  
99 unique CDR3  
14 unique J



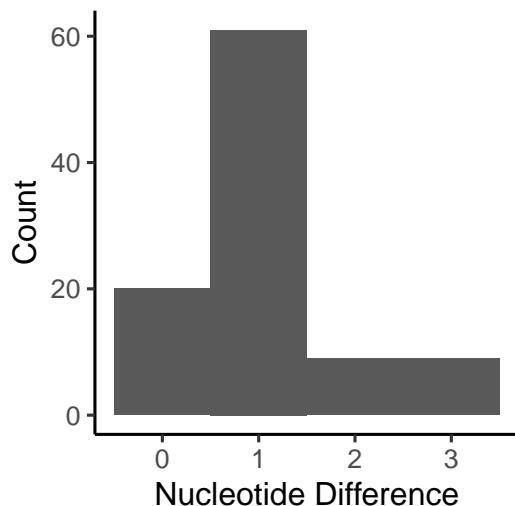
### TRBV9\*bp01

21 sequences assigned  
19 (90.5%) exact matches, in which:  
19 unique CDR3  
8 unique J



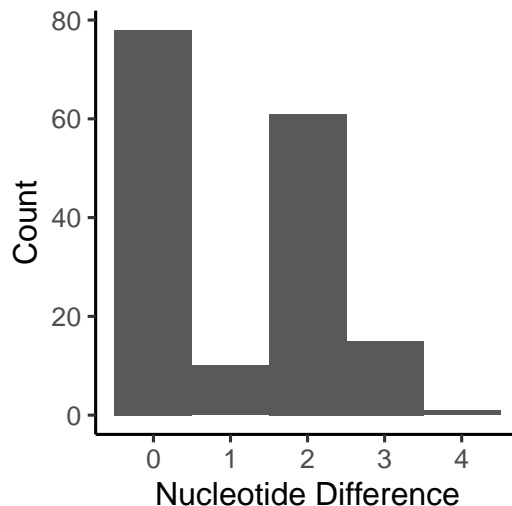
### TRBV11-1\*bp01

99 sequences assigned  
20 (20.2%) exact matches, in which:  
15 unique CDR3  
7 unique J



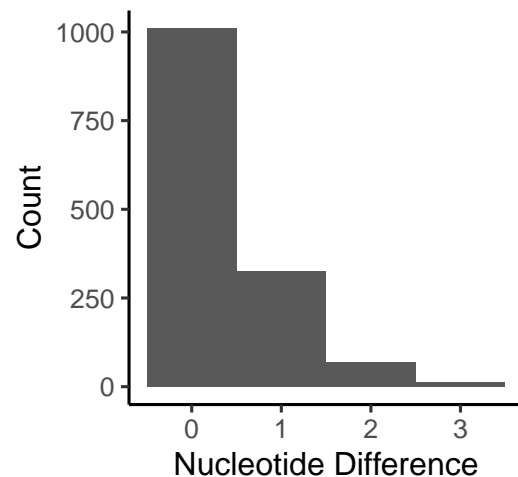
### TRBV11-2\*bp01

165 sequences assigned  
78 (47.3%) exact matches, in which:  
68 unique CDR3  
12 unique J



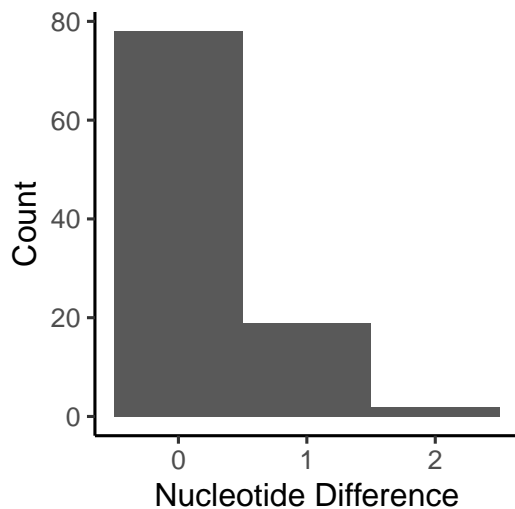
### TRBV12-34\*bp01

1418 sequences assigned  
1010 (71.2%) exact matches, in which:  
553 unique CDR3  
14 unique J



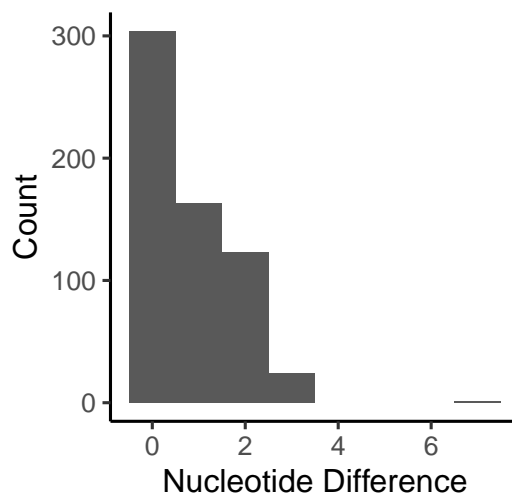
### TRBV21-1\*bp01

99 sequences assigned  
78 (78.8%) exact matches, in which:  
63 unique CDR3  
13 unique J



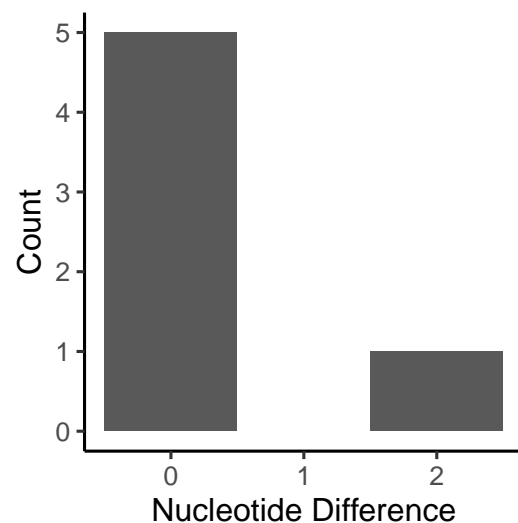
### TRBV11-3\*bp01

615 sequences assigned  
304 (49.4%) exact matches, in which:  
227 unique CDR3  
14 unique J



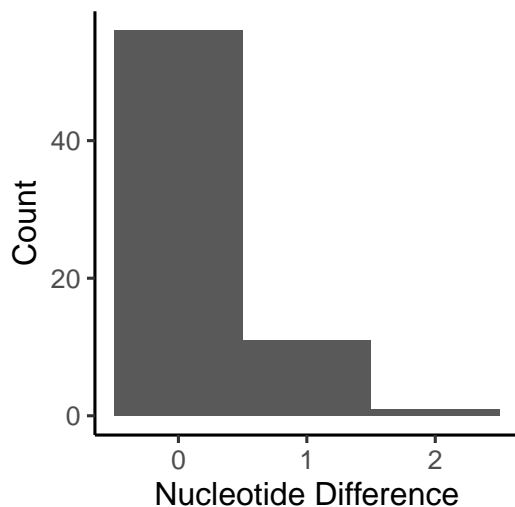
### TRBV23-1\*bp01

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



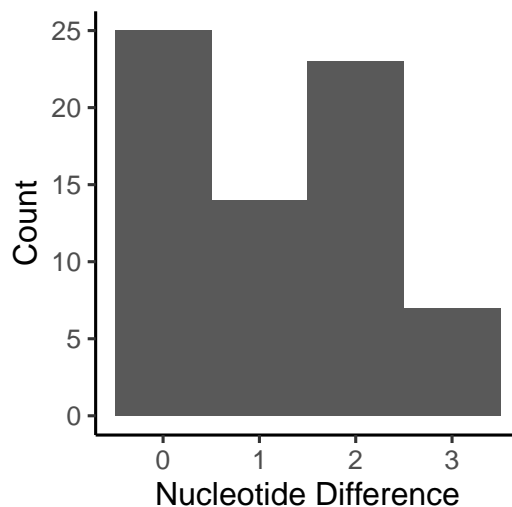
### TRBV21-1\*bp02

68 sequences assigned  
56 (82.4%) exact matches, in which:  
51 unique CDR3  
12 unique J



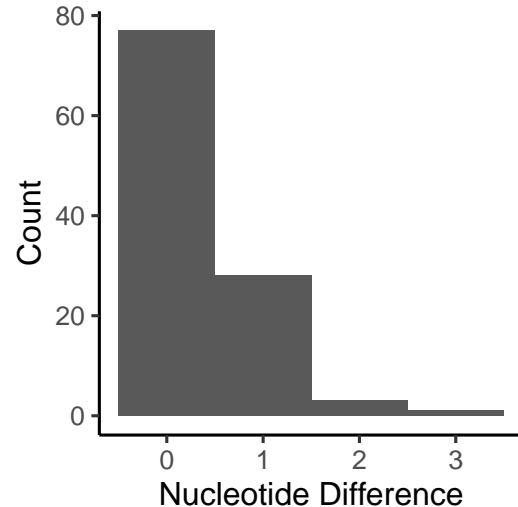
### TRBV12-5\*bp01

69 sequences assigned  
25 (36.2%) exact matches, in which:  
21 unique CDR3  
9 unique J



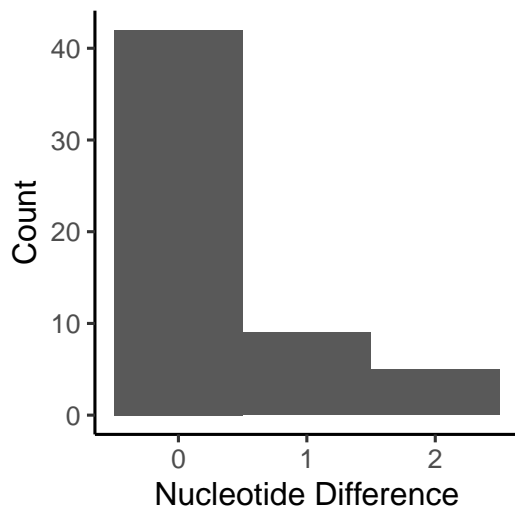
### TRBV24-1\*bp01

109 sequences assigned  
77 (70.6%) exact matches, in which:  
55 unique CDR3  
10 unique J



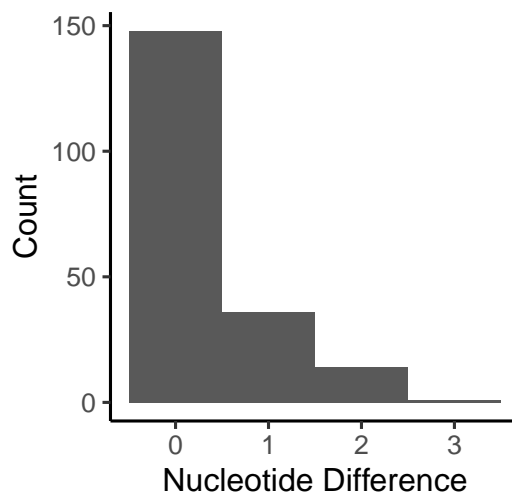
### TRBV4-1\*bp01

56 sequences assigned  
42 (75%) exact matches, in which:  
31 unique CDR3  
10 unique J



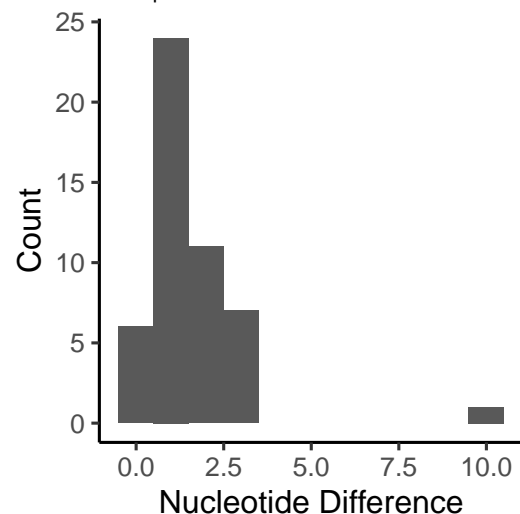
### TRBV4-3\*bp01

199 sequences assigned  
148 (74.4%) exact matches, in which:  
115 unique CDR3  
14 unique J



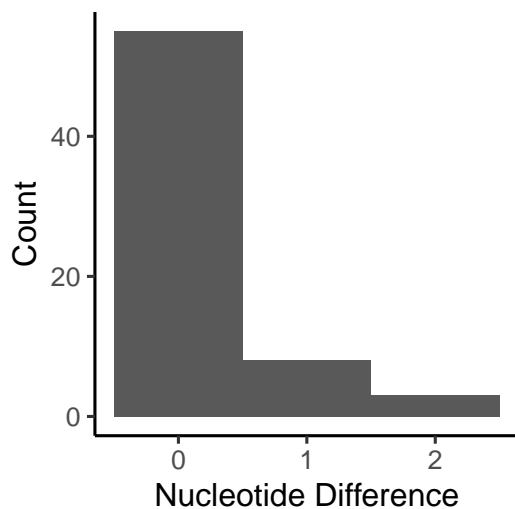
### TRBV5-3\*bp01

49 sequences assigned  
6 (12.2%) exact matches, in which:  
4 unique CDR3  
4 unique J



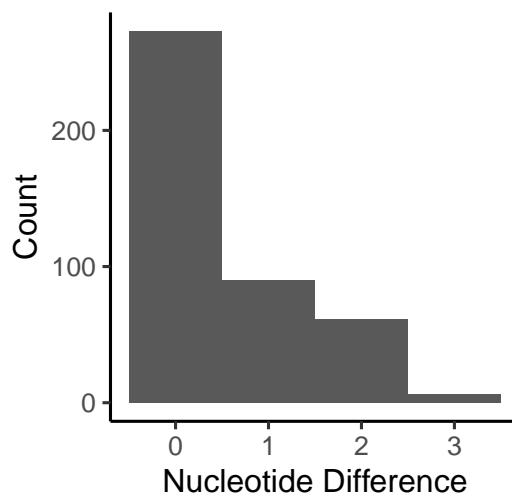
### TRBV24-1\*bp02

66 sequences assigned  
55 (83.3%) exact matches, in which:  
40 unique CDR3  
9 unique J



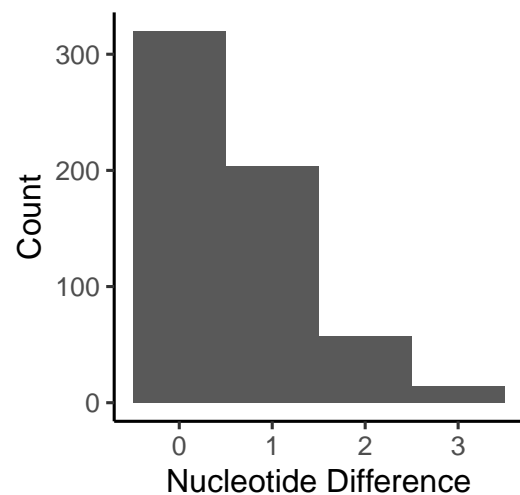
### TRBV5-1\*bp01

430 sequences assigned  
273 (63.5%) exact matches, in which:  
195 unique CDR3  
14 unique J



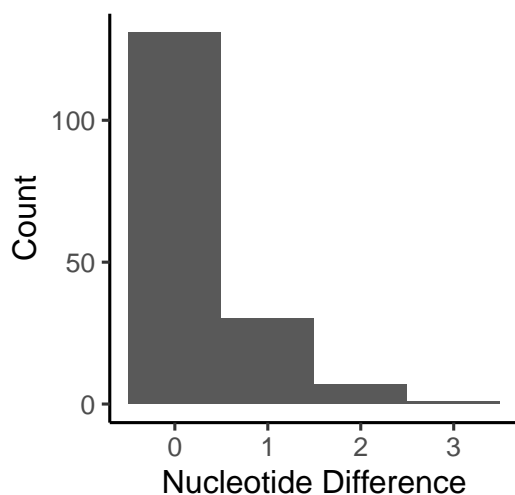
### TRBV5-4\*bp01

595 sequences assigned  
320 (53.8%) exact matches, in which:  
237 unique CDR3  
14 unique J



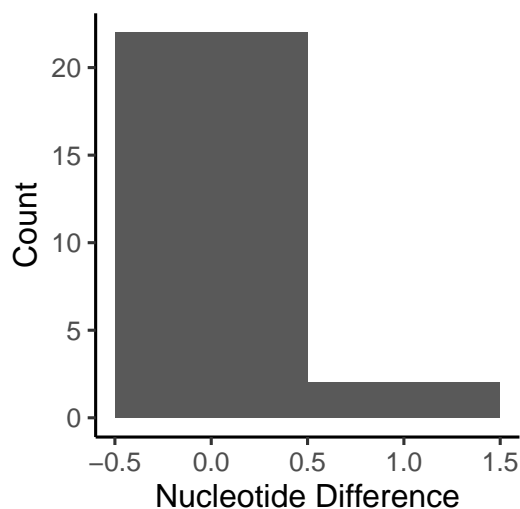
### TRBV4-2\*bp01

169 sequences assigned  
131 (77.5%) exact matches, in which:  
102 unique CDR3  
13 unique J



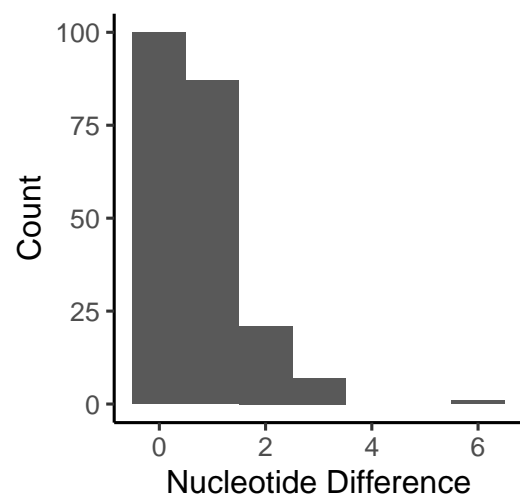
### TRBV25-1\*bp01

24 sequences assigned  
22 (91.7%) exact matches, in which:  
18 unique CDR3  
9 unique J



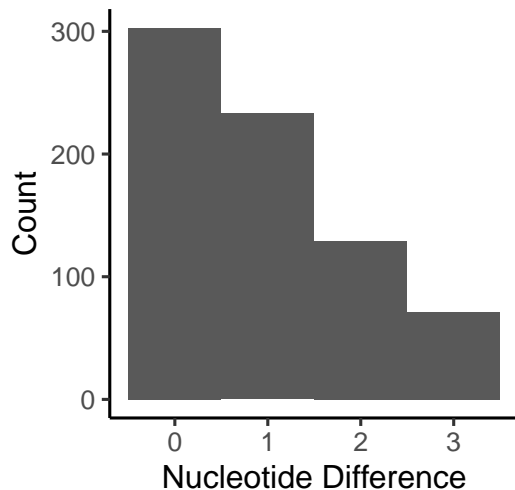
### TRBV5-5\*bp01

216 sequences assigned  
100 (46.3%) exact matches, in which:  
77 unique CDR3  
11 unique J



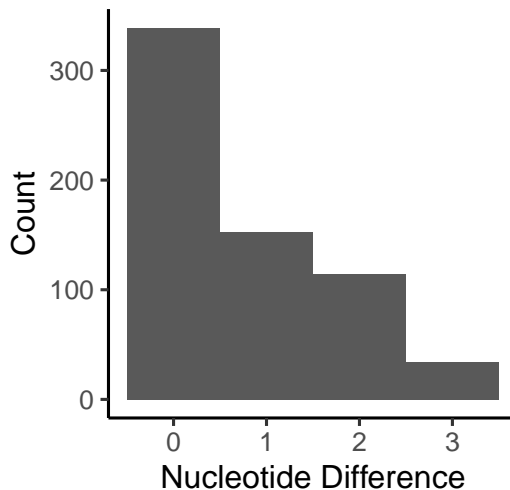
### TRBV5–6\*bp01

736 sequences assigned  
303 (41.2%) exact matches, in which:  
227 unique CDR3  
14 unique J



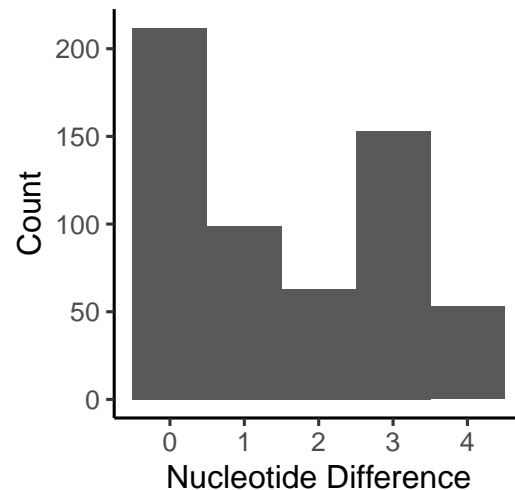
### TRBV6–1\*bp01

640 sequences assigned  
339 (53%) exact matches, in which:  
295 unique CDR3  
14 unique J



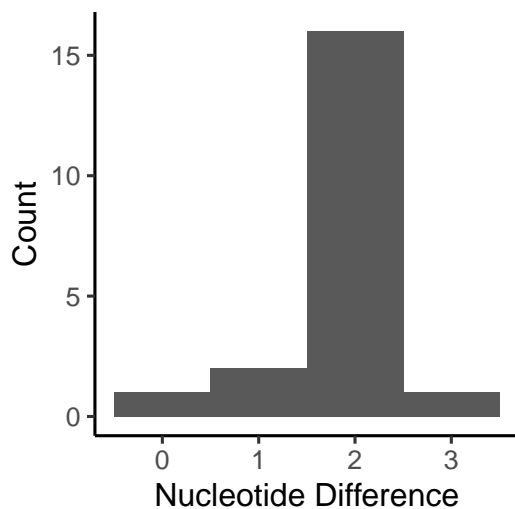
### TRBV6–6\*bp01

580 sequences assigned  
212 (36.6%) exact matches, in which:  
190 unique CDR3  
14 unique J



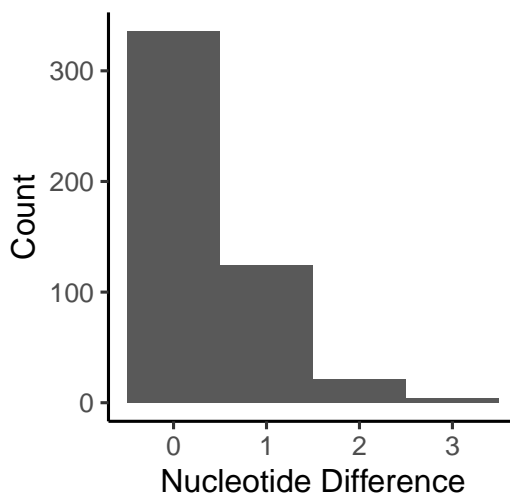
### TRBV5–7\*bp01

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



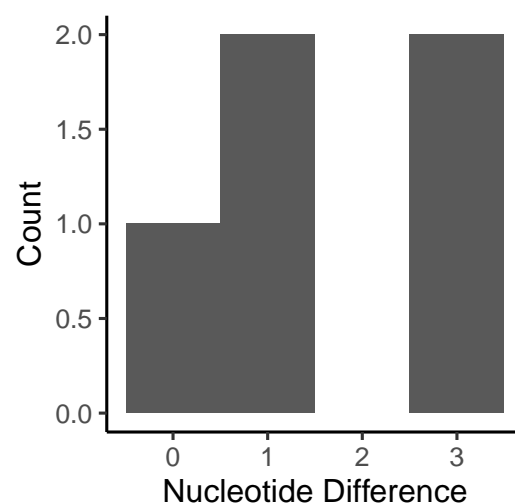
### TRBV6–4\*bp01

485 sequences assigned  
336 (69.3%) exact matches, in which:  
235 unique CDR3  
14 unique J



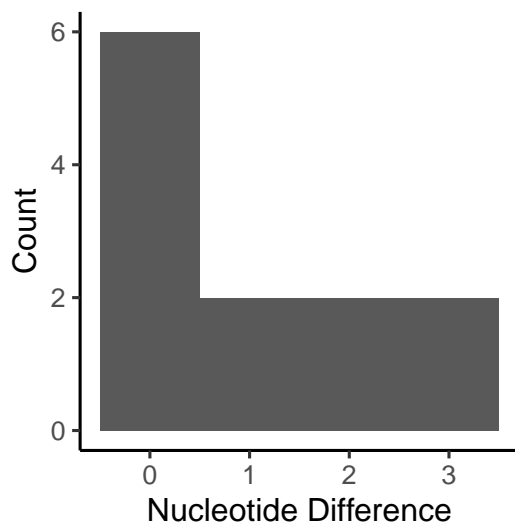
### TRBV6–8\*bp01

5 sequences assigned  
1 (20%) exact matches, in which:  
1 unique CDR3  
1 unique J



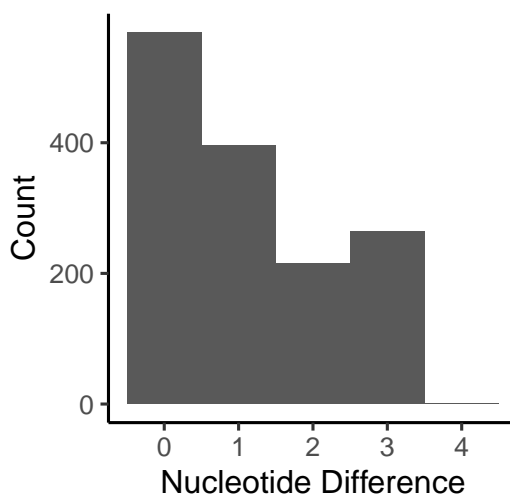
### TRBV5–8\*bp01

12 sequences assigned  
6 (50%) exact matches, in which:  
4 unique CDR3  
3 unique J



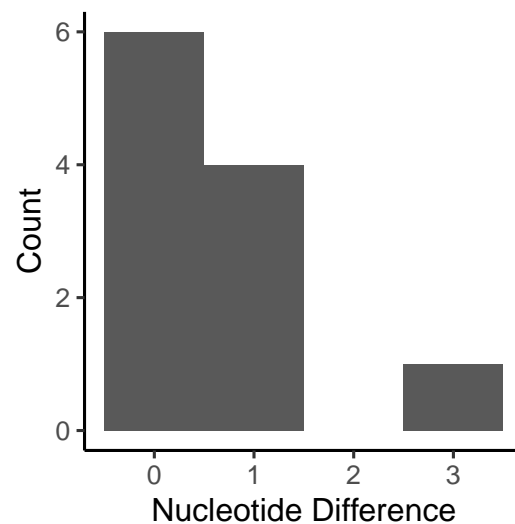
### TRBV6–5\*bp01

1445 sequences assigned  
569 (39.4%) exact matches, in which:  
453 unique CDR3  
14 unique J



### TRBV6–9\*bp01

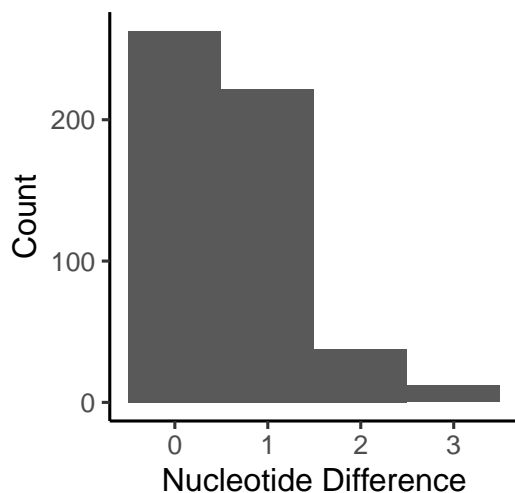
11 sequences assigned  
6 (54.5%) exact matches, in which:  
5 unique CDR3  
4 unique J





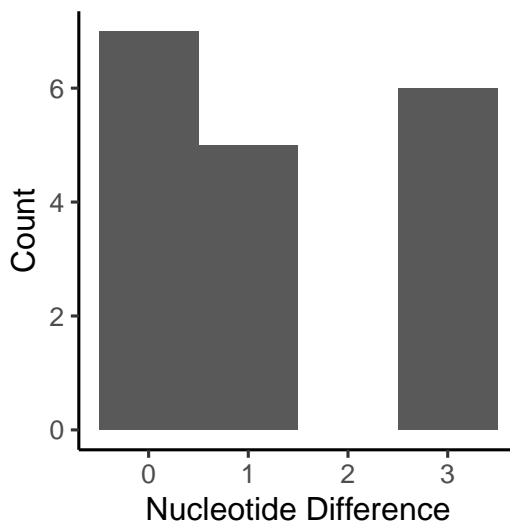
### TRBV6–23\*bp01

535 sequences assigned  
263 (49.2%) exact matches, in which:  
211 unique CDR3  
13 unique J



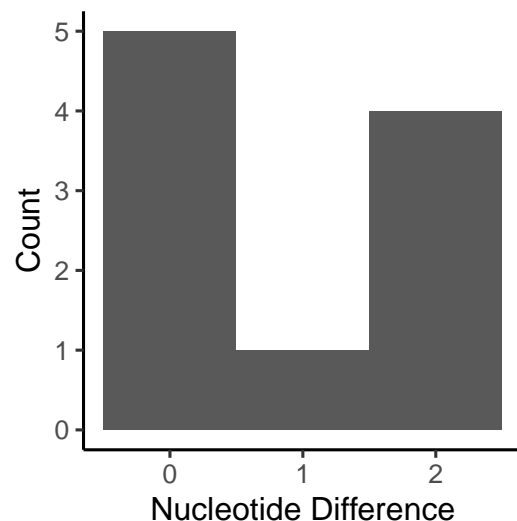
### TRBV7–3\*bp02

18 sequences assigned  
7 (38.9%) exact matches, in which:  
5 unique CDR3  
4 unique J



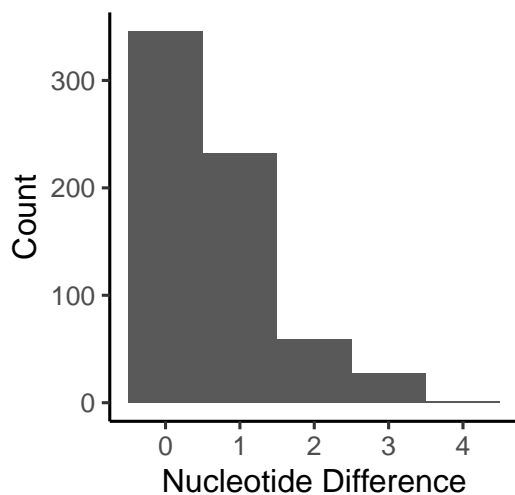
### TRBV7–7\*bp01

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



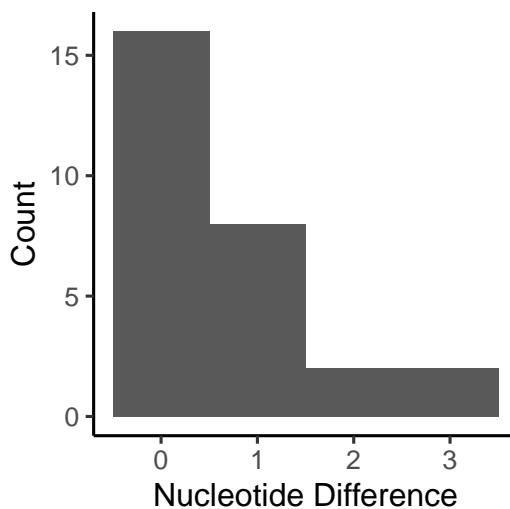
### TRBV7–2\*bp01

665 sequences assigned  
346 (52%) exact matches, in which:  
255 unique CDR3  
14 unique J



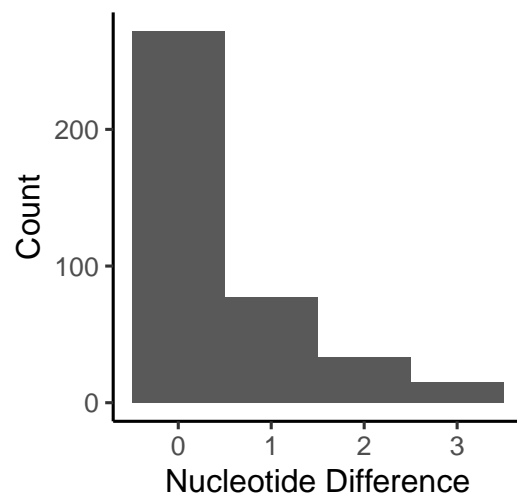
### TRBV7–4\*bp01

28 sequences assigned  
16 (57.1%) exact matches, in which:  
10 unique CDR3  
5 unique J



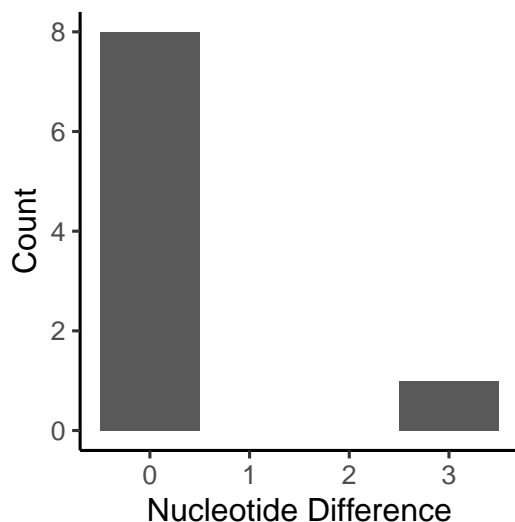
### TRBV7–9\*bp01

397 sequences assigned  
272 (68.5%) exact matches, in which:  
203 unique CDR3  
14 unique J



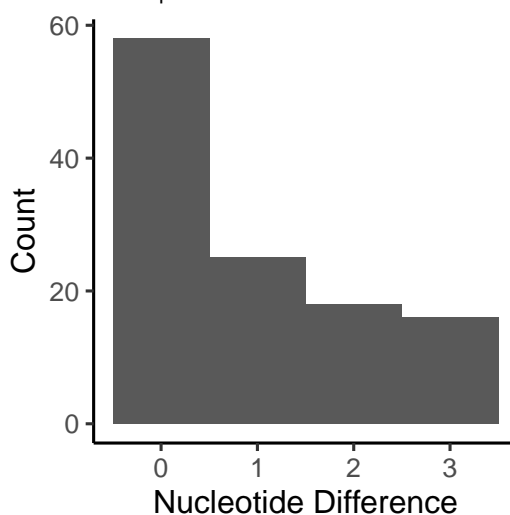
### TRBV7–3\*bp01

9 sequences assigned  
8 (88.9%) exact matches, in which:  
8 unique CDR3  
7 unique J



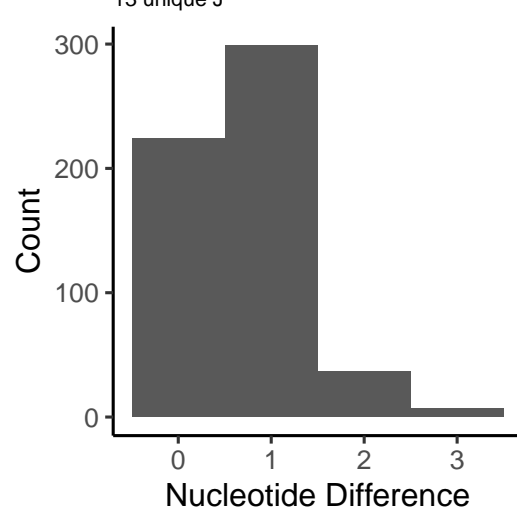
### TRBV7–6\*bp01

117 sequences assigned  
58 (49.6%) exact matches, in which:  
39 unique CDR3  
11 unique J



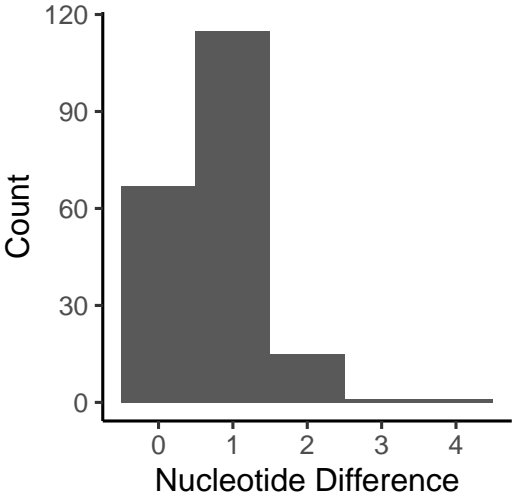
### TRBV29–1\*bp01

567 sequences assigned  
224 (39.5%) exact matches, in which:  
135 unique CDR3  
13 unique J

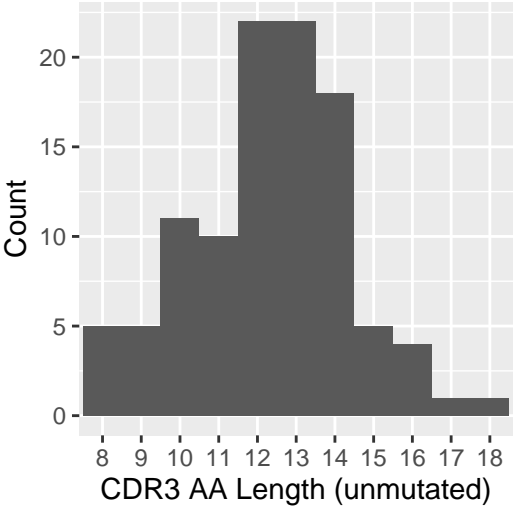


TRBV29-1\*bp03

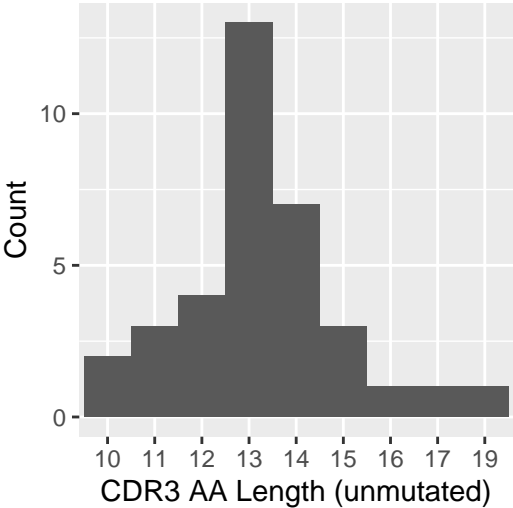
199 sequences assigned  
67 (33.7%) exact matches, in which:  
41 unique CDR3  
8 unique J



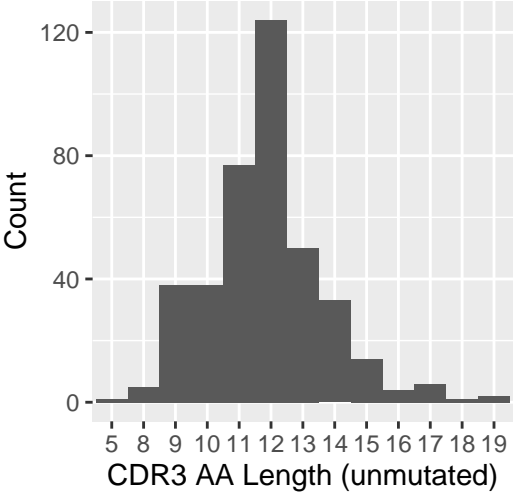
TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



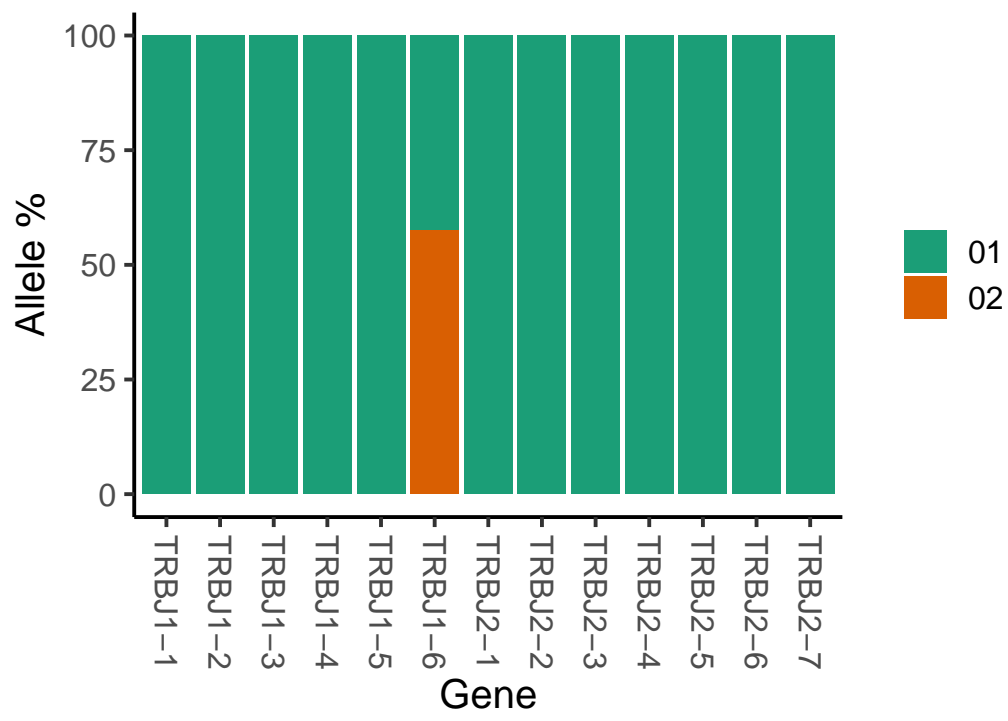
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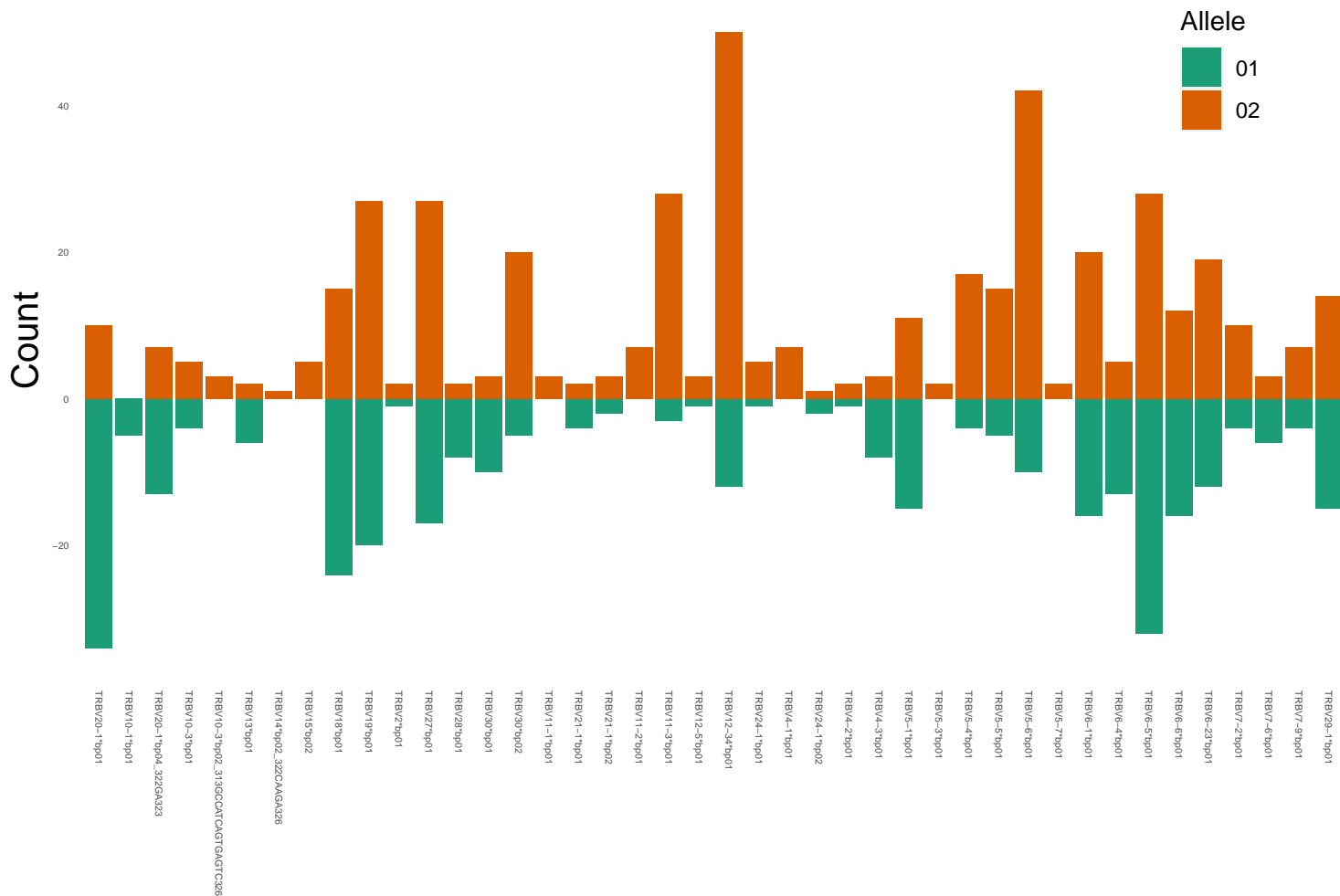
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Allele Usage



Sequence Count by TRBJ1–6 allele usage



[illegible]