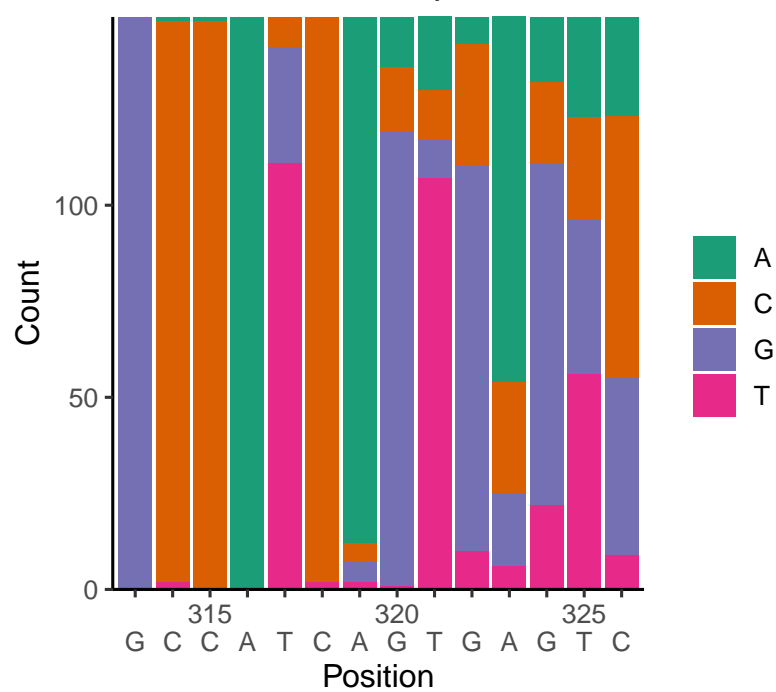
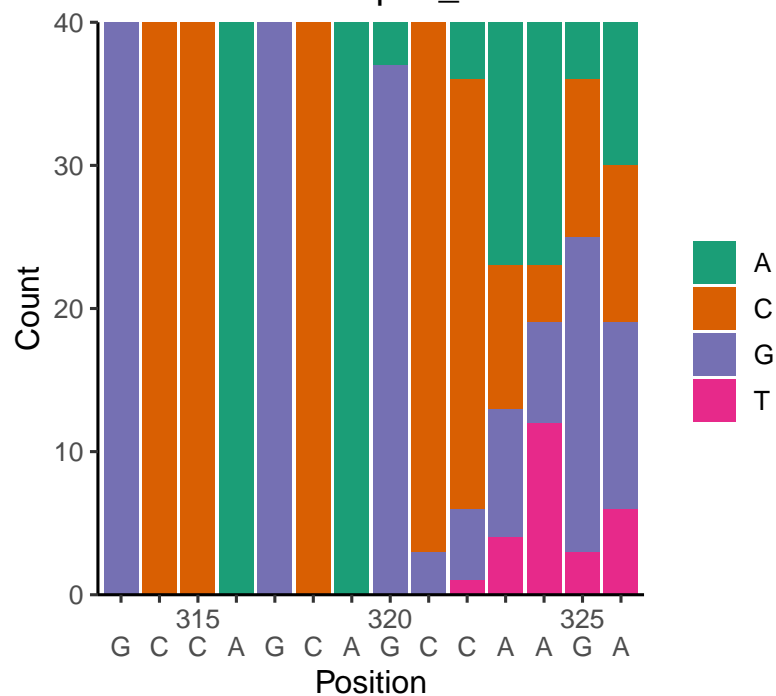


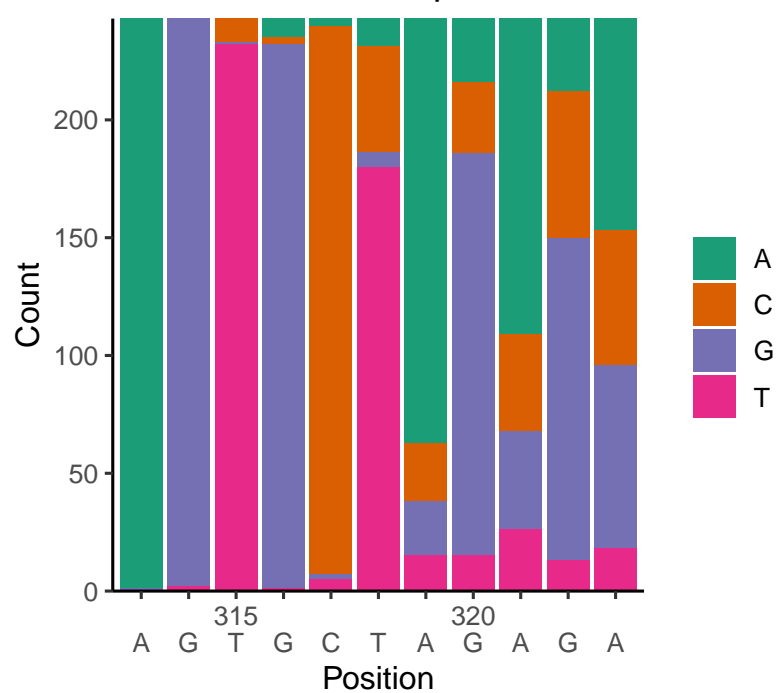
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



Gene TRBV14\*bp02\_322CAAGA326



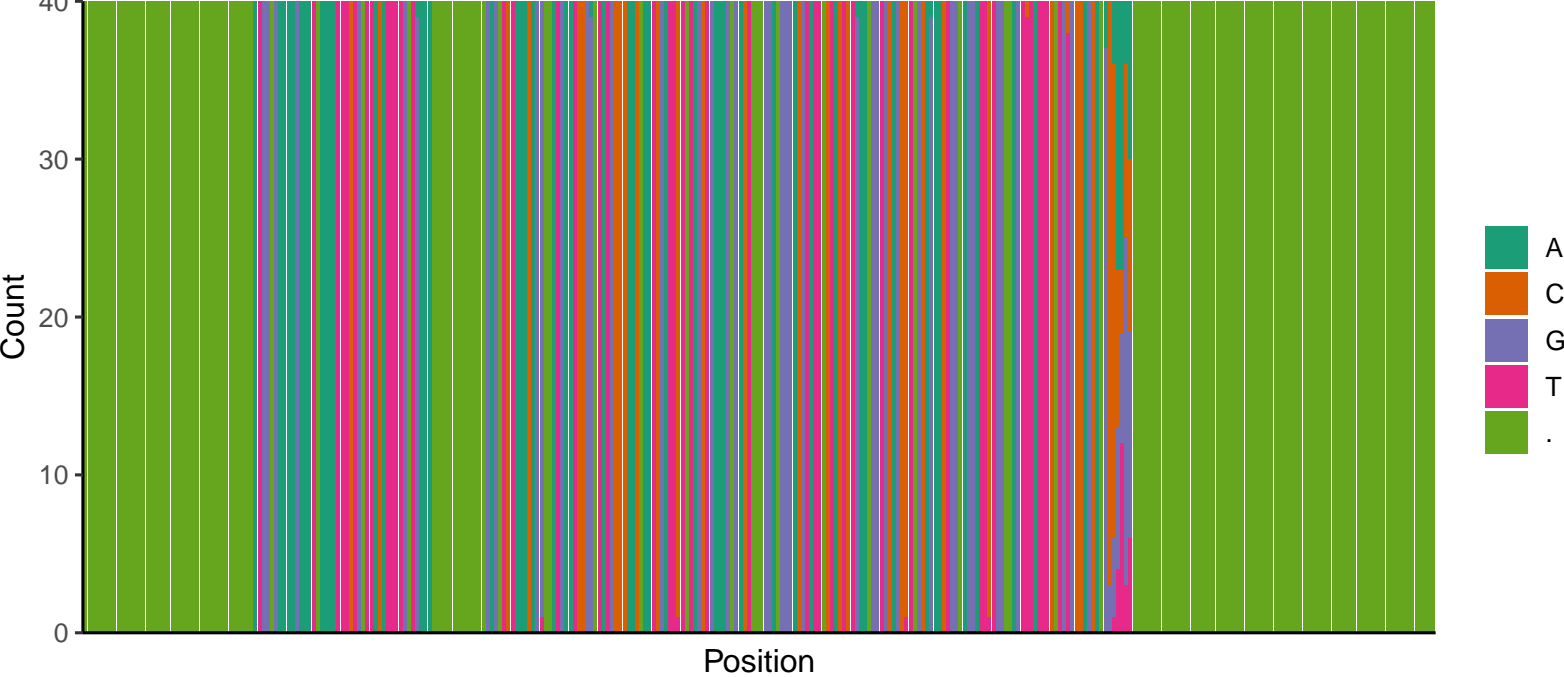
Gene TRBV20-1\*bp04\_322GA323



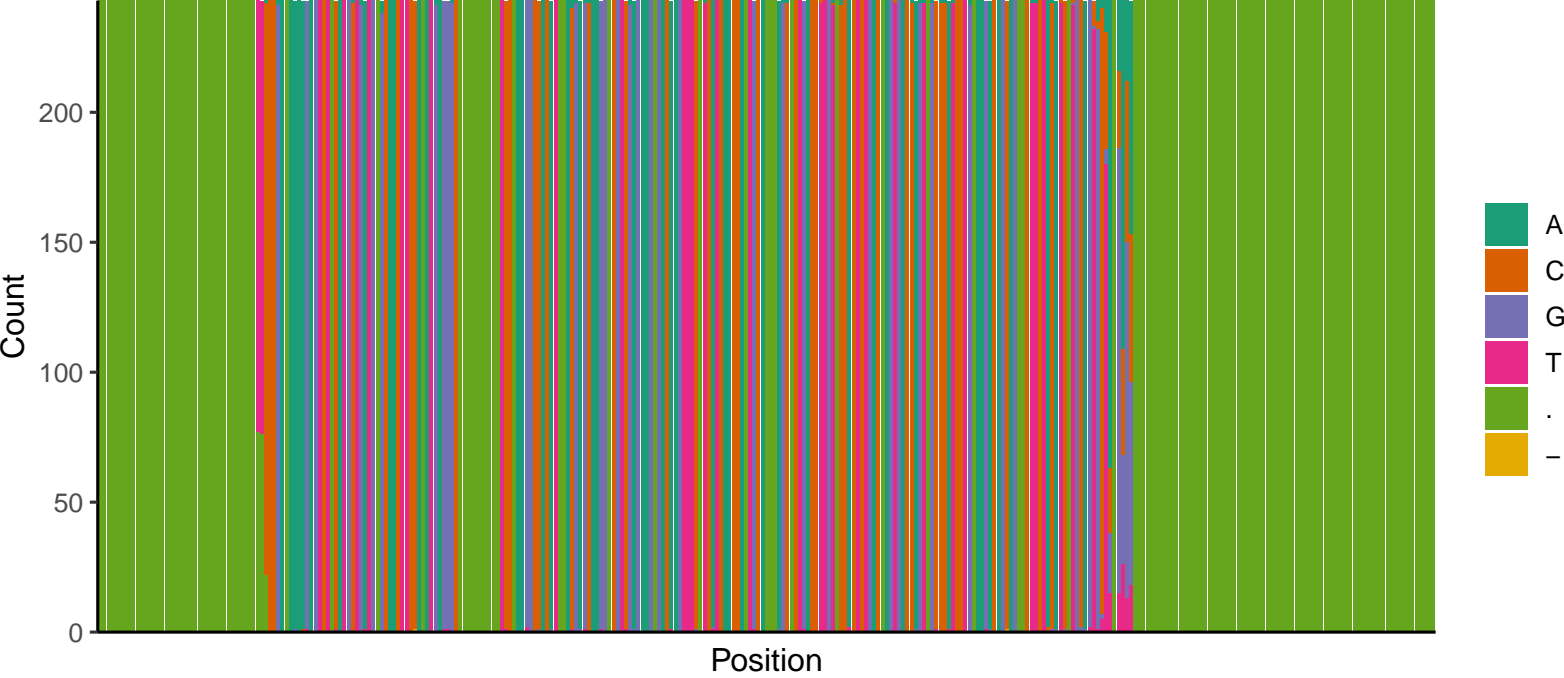
Gene TRBV10–3\*bp02\_313GCCATCAGTGAGTC326



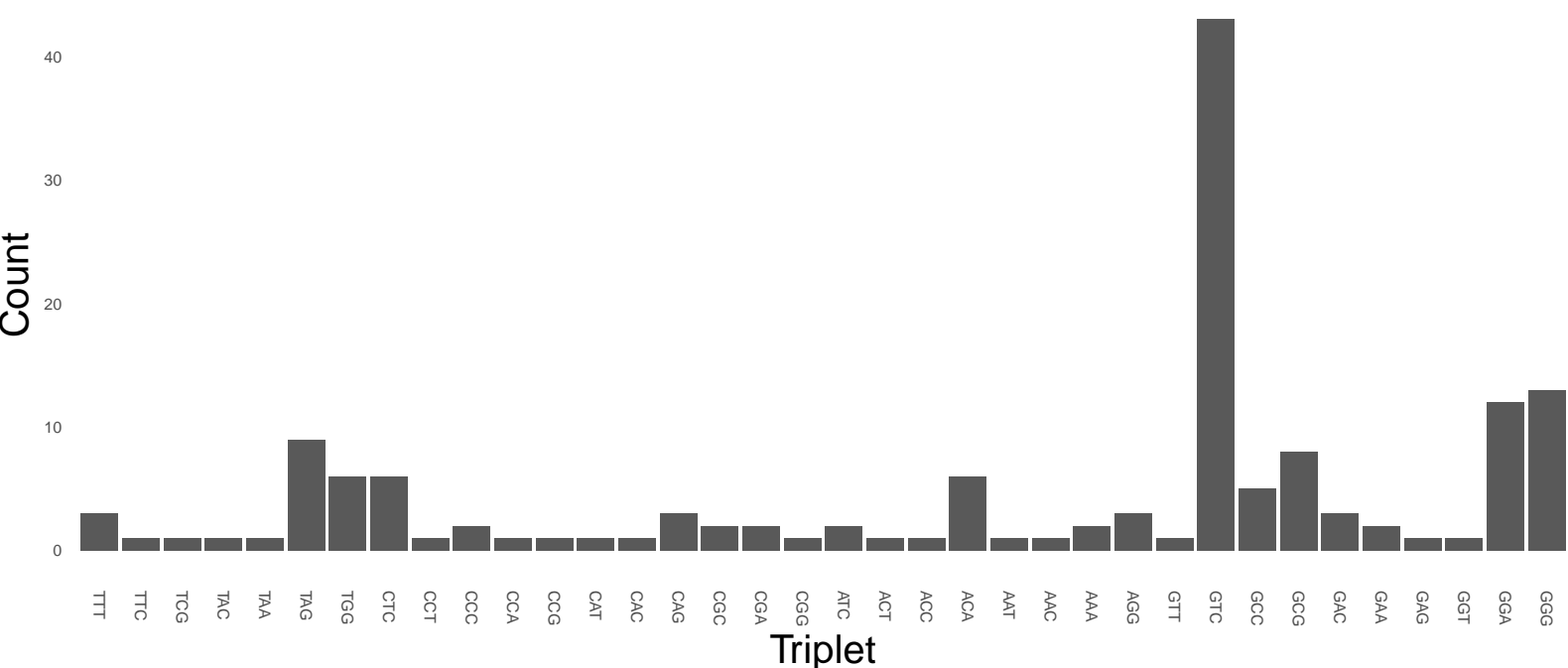
Gene TRBV14\*bp02\_322CAAGA326



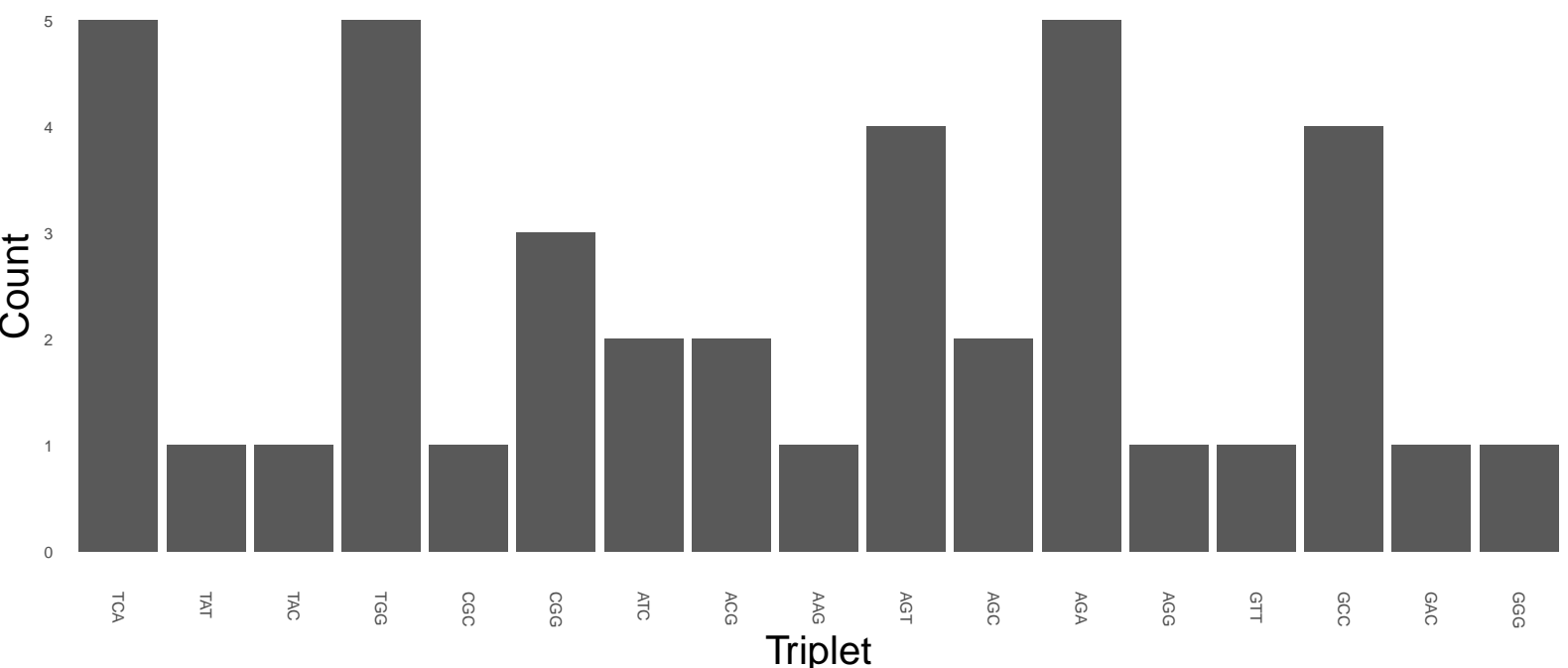
Gene TRBV20–1\*bp04\_322GA323



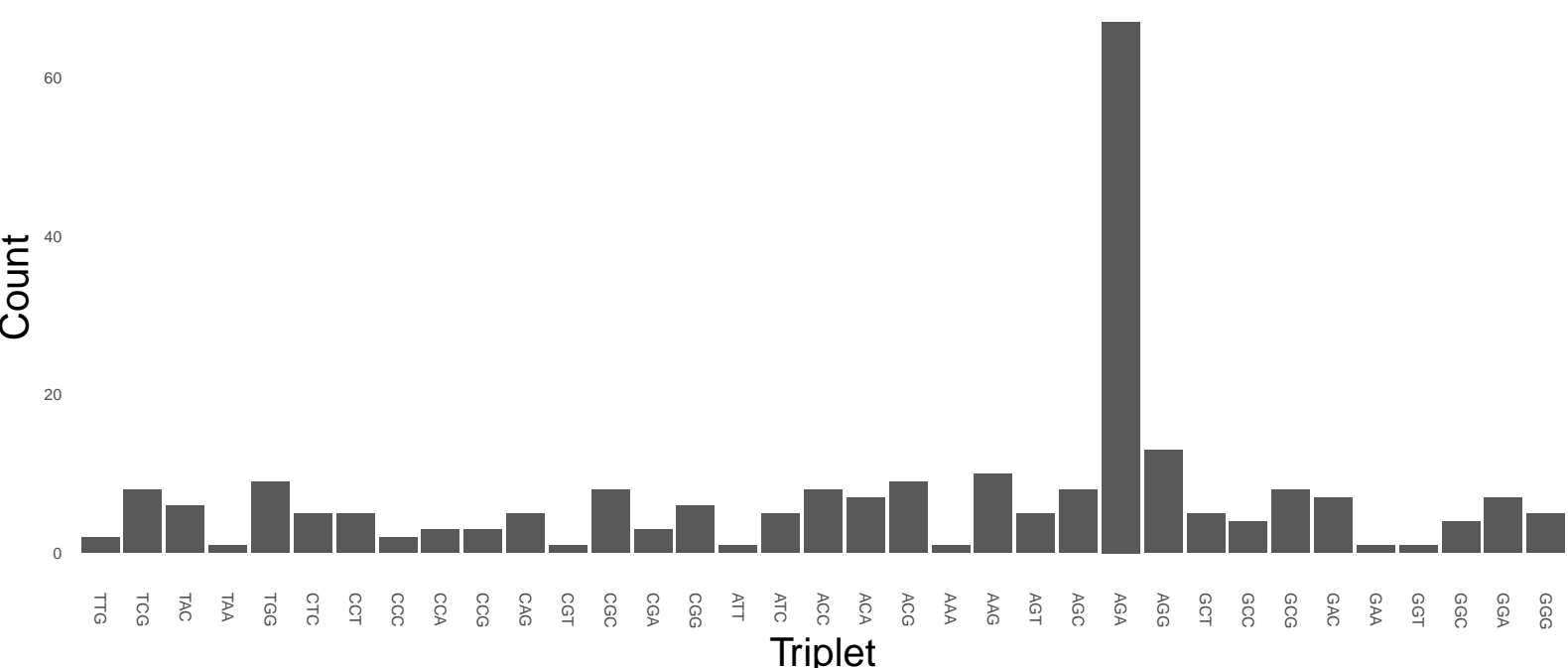
TRBV10–3\*bp02\_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



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

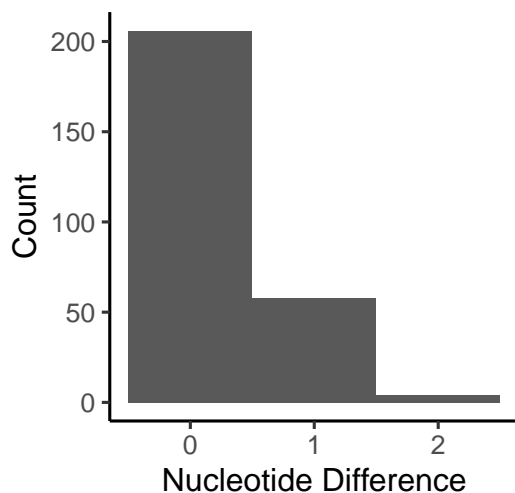


TRBV20–1\*bp04\_322GA323– Final 3 nucleotides as a triplet



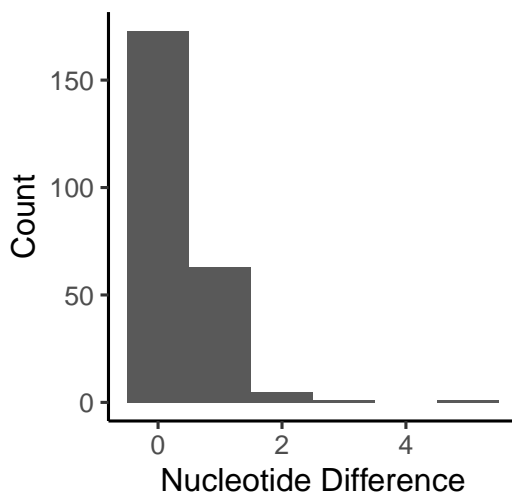
### TRBV20–1\*bp01

268 sequences assigned  
206 (76.9%) exact matches, in which:  
106 unique CDR3  
13 unique J



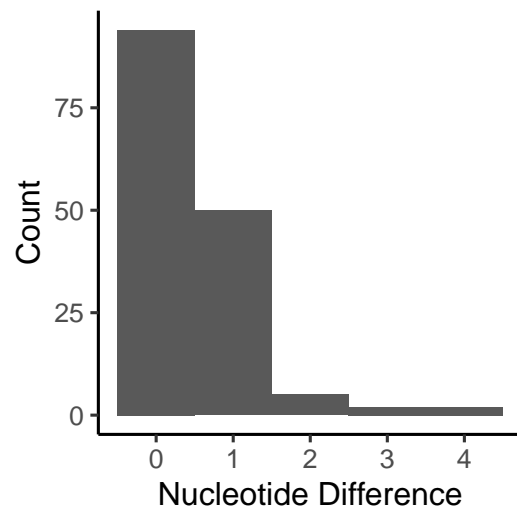
### TRBV20–1\*bp04\_322GA:

243 sequences assigned  
173 (71.2%) exact matches, in which:  
102 unique CDR3  
13 unique J



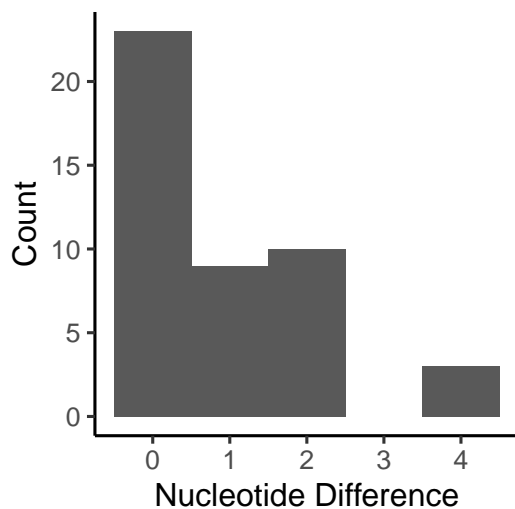
### TRBV10–3\*bp01

153 sequences assigned  
94 (61.4%) exact matches, in which:  
70 unique CDR3  
13 unique J



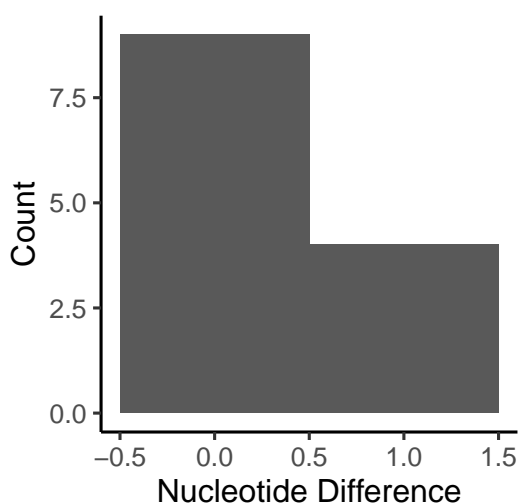
### TRBV10–1\*bp01

45 sequences assigned  
23 (51.1%) exact matches, in which:  
19 unique CDR3  
7 unique J



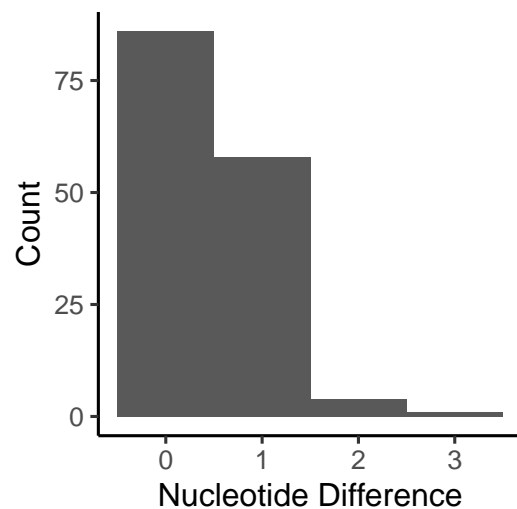
### TRBV10–2\*bp01

13 sequences assigned  
9 (69.2%) exact matches, in which:  
9 unique CDR3  
6 unique J



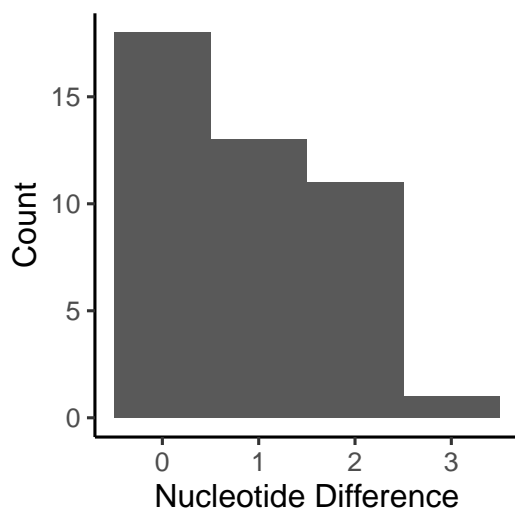
### TRBV10–3\*bp02\_313GCC

149 sequences assigned  
86 (57.7%) exact matches, in which:  
65 unique CDR3  
12 unique J



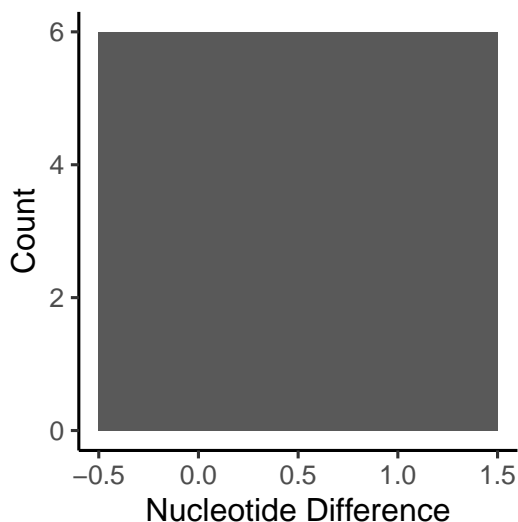
### TRBV10–1\*bp02

43 sequences assigned  
18 (41.9%) exact matches, in which:  
15 unique CDR3  
7 unique J



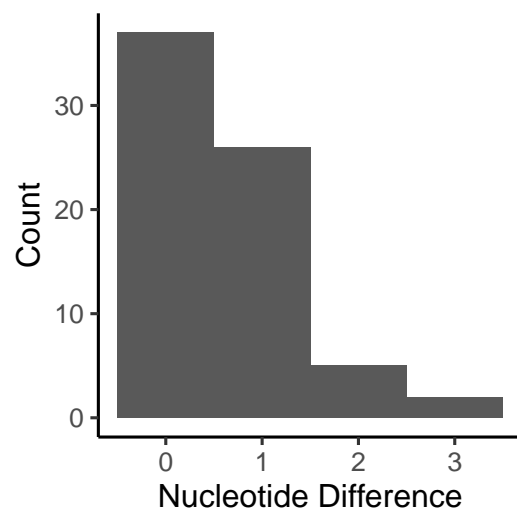
### TRBV10–2\*bp02

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



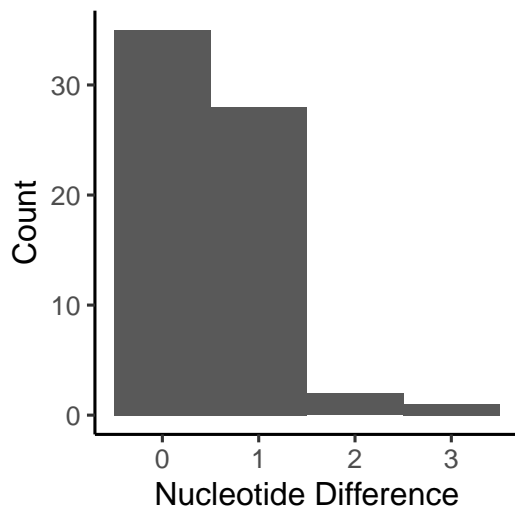
### TRBV13\*bp01

70 sequences assigned  
37 (52.9%) exact matches, in which:  
26 unique CDR3  
10 unique J



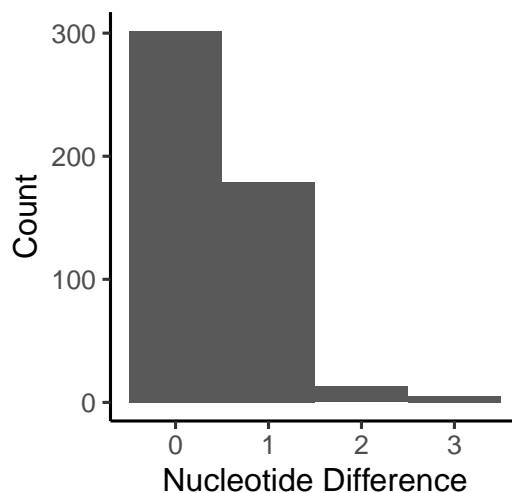
### TRBV14\*bp01

66 sequences assigned  
35 (53%) exact matches, in which:  
28 unique CDR3  
10 unique J



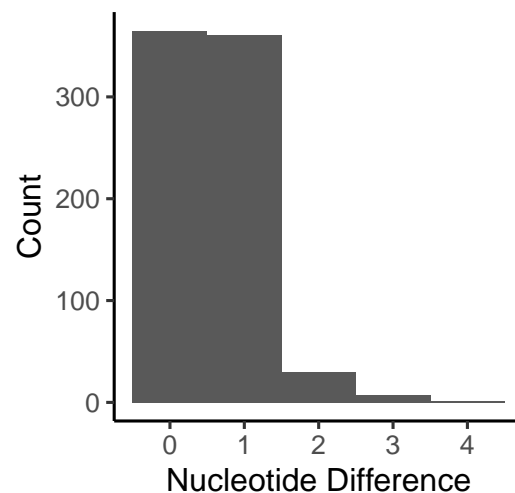
### TRBV18\*bp01

499 sequences assigned  
302 (60.5%) exact matches, in which:  
139 unique CDR3  
13 unique J



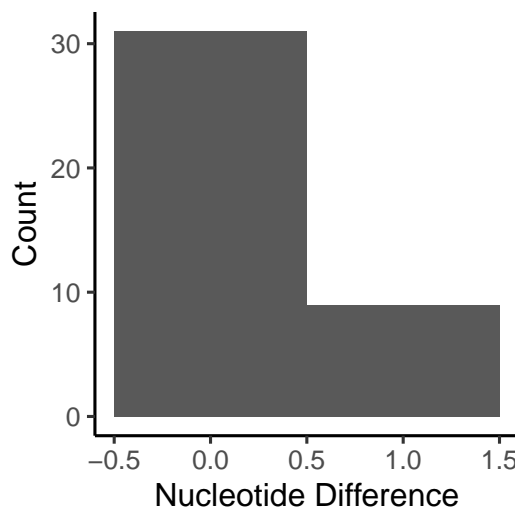
### TRBV27\*bp01

764 sequences assigned  
365 (47.8%) exact matches, in which:  
248 unique CDR3  
14 unique J



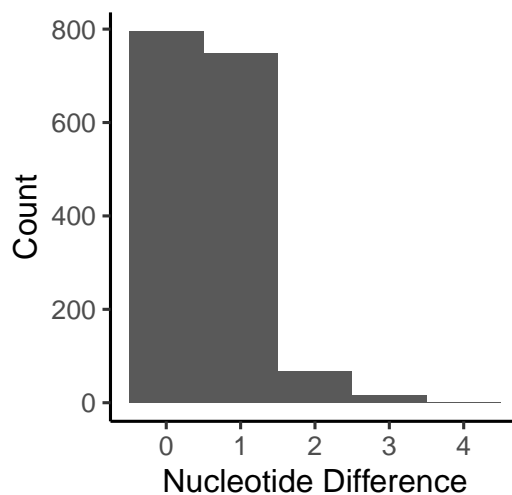
### TRBV14\*bp02\_322CAAG/

40 sequences assigned  
31 (77.5%) exact matches, in which:  
21 unique CDR3  
9 unique J



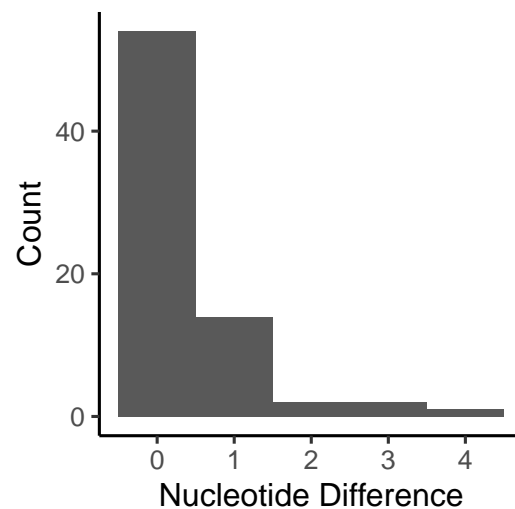
### TRBV19\*bp01

1630 sequences assigned  
796 (48.8%) exact matches, in which:  
482 unique CDR3  
14 unique J



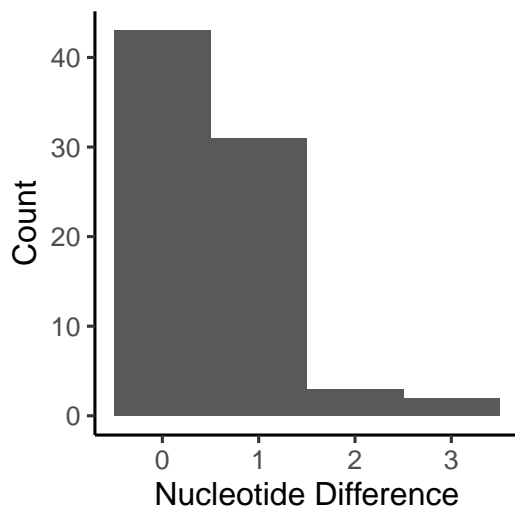
### TRBV28\*bp01

73 sequences assigned  
54 (74%) exact matches, in which:  
44 unique CDR3  
14 unique J



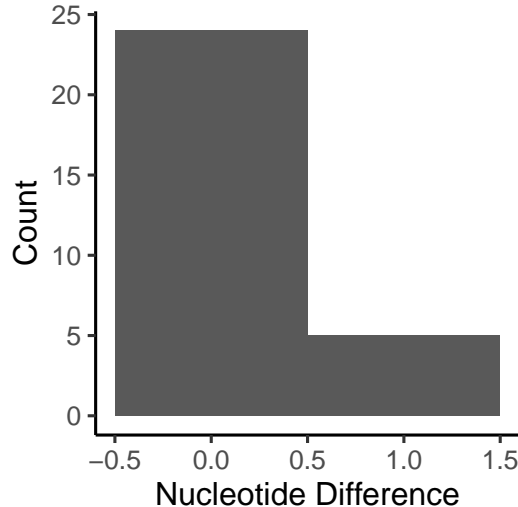
### TRBV15\*bp02

79 sequences assigned  
43 (54.4%) exact matches, in which:  
26 unique CDR3  
5 unique J



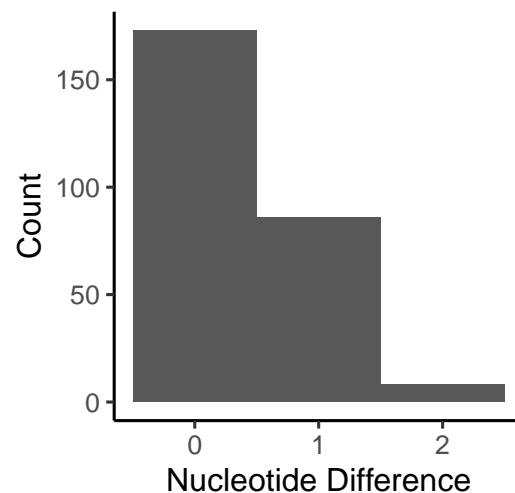
### TRBV2\*bp01

29 sequences assigned  
24 (82.8%) exact matches, in which:  
21 unique CDR3  
11 unique J



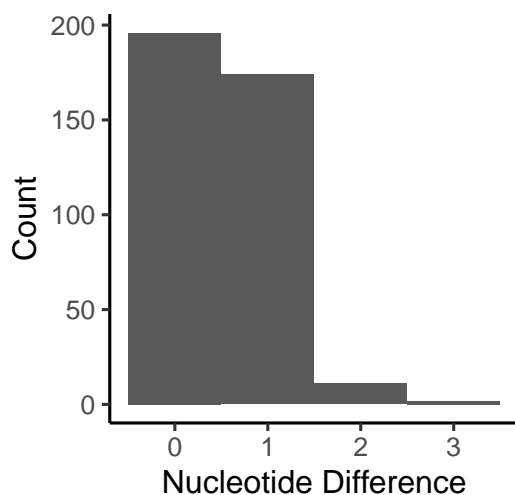
### TRBV30\*bp01

267 sequences assigned  
173 (64.8%) exact matches, in which:  
80 unique CDR3  
12 unique J



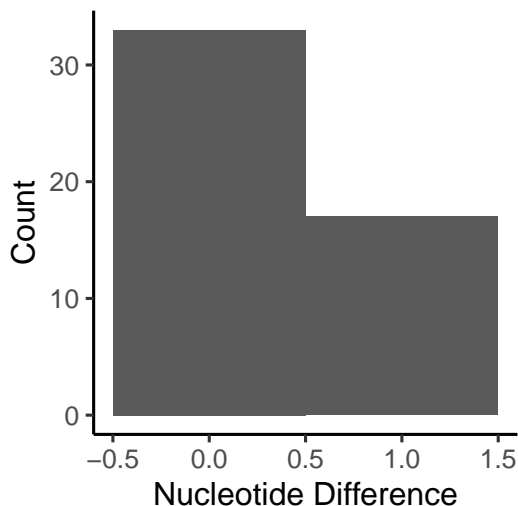
### TRBV30\*bp02

383 sequences assigned  
196 (51.2%) exact matches, in which:  
83 unique CDR3  
13 unique J



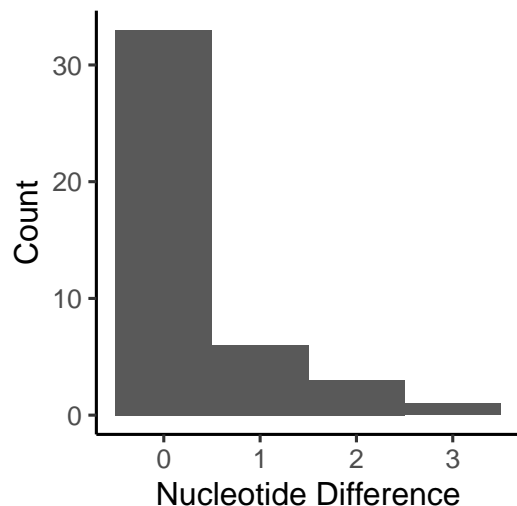
### TRBV21-1\*bp01

50 sequences assigned  
33 (66%) exact matches, in which:  
23 unique CDR3  
10 unique J



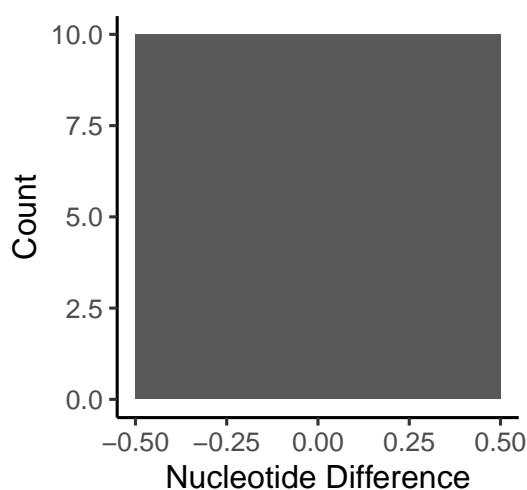
### TRBV11-2\*bp03

43 sequences assigned  
33 (76.7%) exact matches, in which:  
27 unique CDR3  
8 unique J



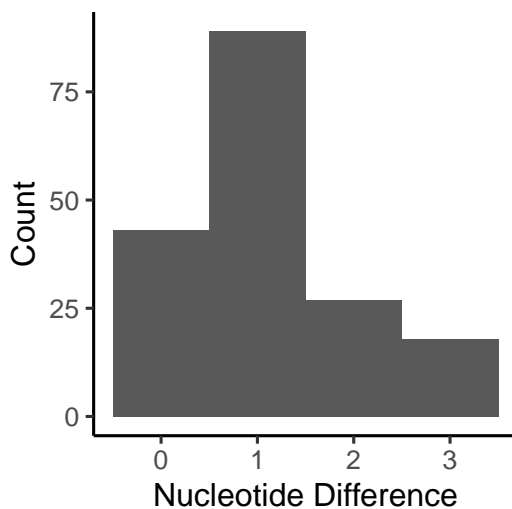
### TRBV9\*bp01

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



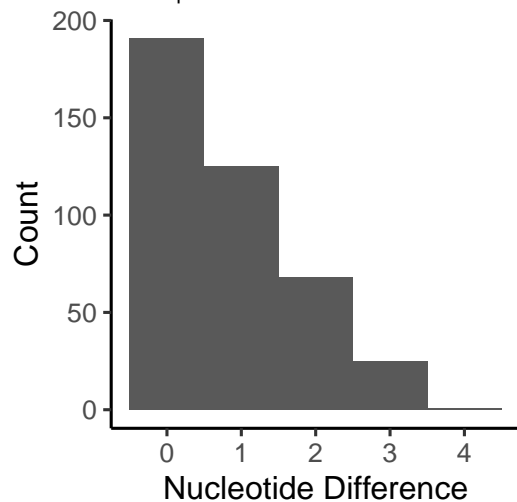
### TRBV11-1\*bp01

177 sequences assigned  
43 (24.3%) exact matches, in which:  
28 unique CDR3  
10 unique J



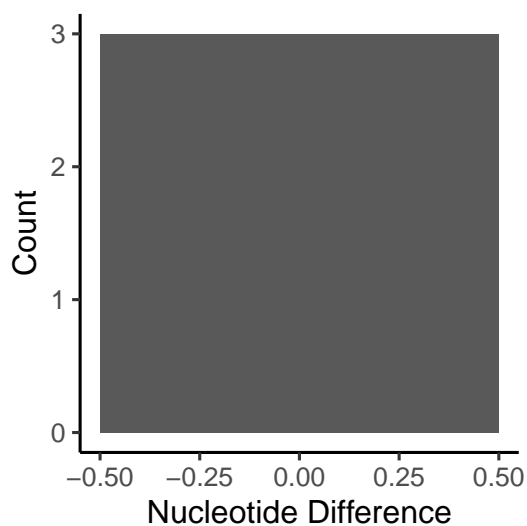
### TRBV11-3\*bp01

410 sequences assigned  
191 (46.6%) exact matches, in which:  
125 unique CDR3  
13 unique J



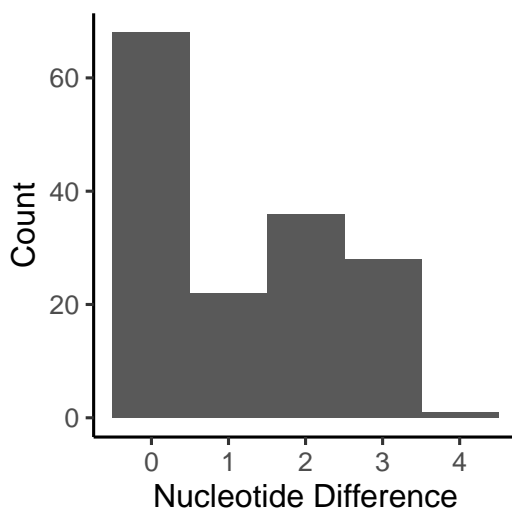
### TRBV9\*bp02

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



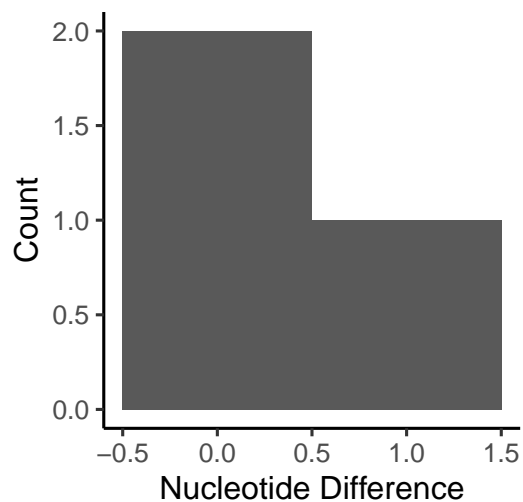
### TRBV11-2\*bp01

155 sequences assigned  
68 (43.9%) exact matches, in which:  
40 unique CDR3  
13 unique J



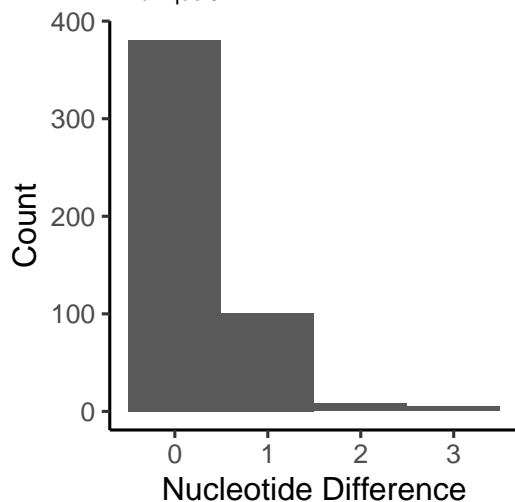
### TRBV12-5\*bp01

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



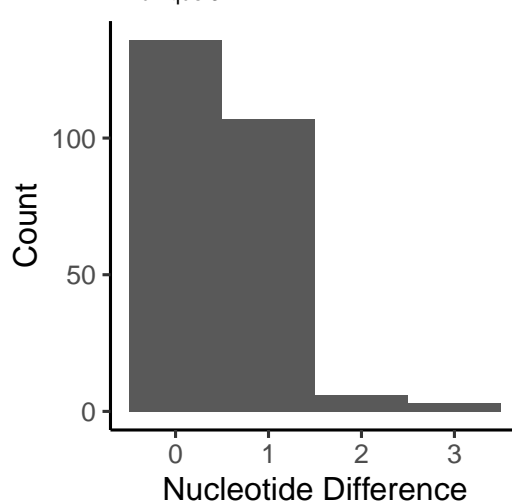
### TRBV12–34\*bp01

495 sequences assigned  
381 (77%) exact matches, in which:  
189 unique CDR3  
14 unique J



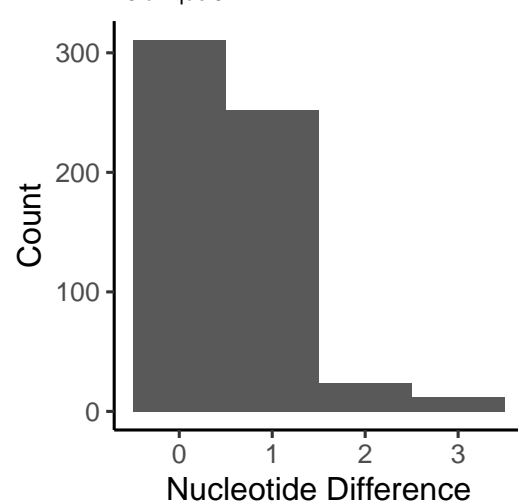
### TRBV24–1\*bp01

252 sequences assigned  
136 (54%) exact matches, in which:  
104 unique CDR3  
12 unique J



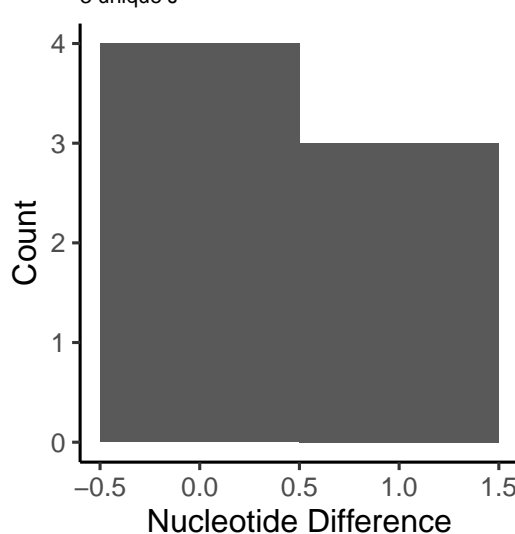
### TRBV4–3\*bp01

599 sequences assigned  
311 (51.9%) exact matches, in which:  
202 unique CDR3  
13 unique J



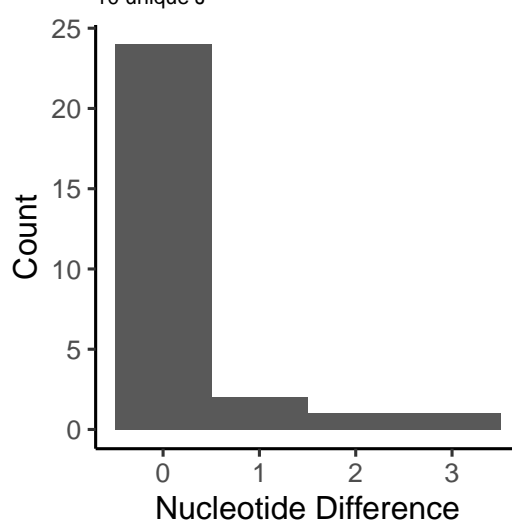
### TRBV23–1\*bp01

7 sequences assigned  
4 (57.1%) exact matches, in which:  
3 unique CDR3  
3 unique J



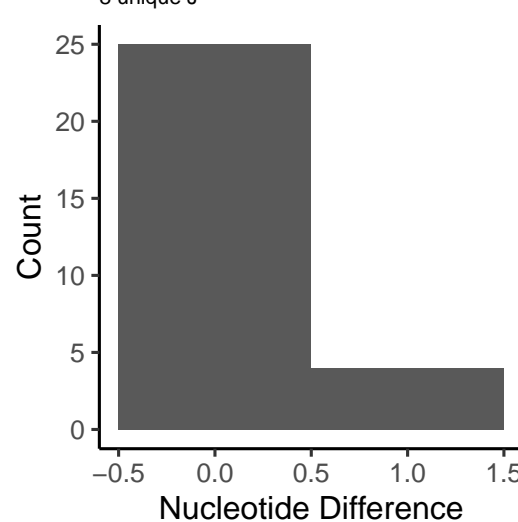
### TRBV4–1\*bp01

28 sequences assigned  
24 (85.7%) exact matches, in which:  
18 unique CDR3  
10 unique J



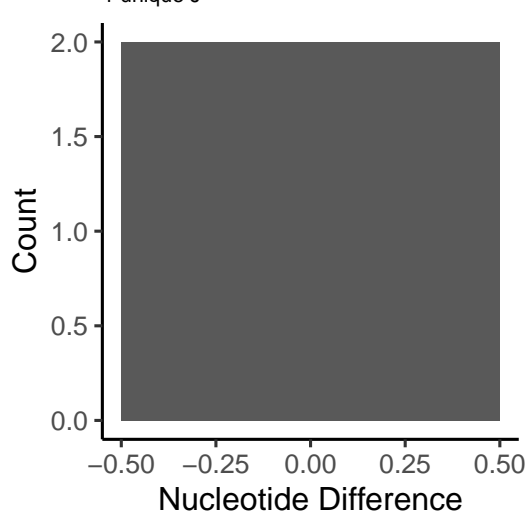
### TRBV25–1\*bp01

29 sequences assigned  
25 (86.2%) exact matches, in which:  
12 unique CDR3  
8 unique J



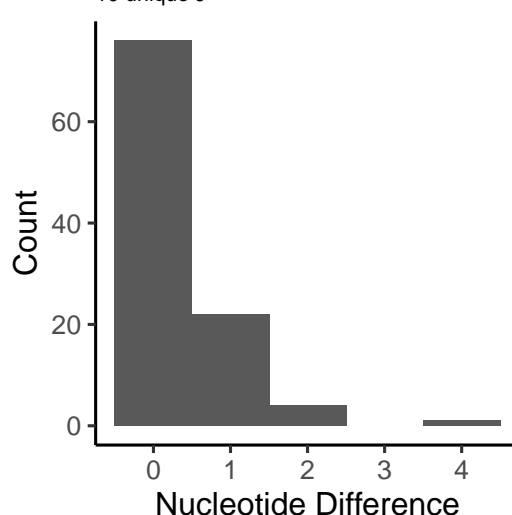
### TRBV3–2\*bp02

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



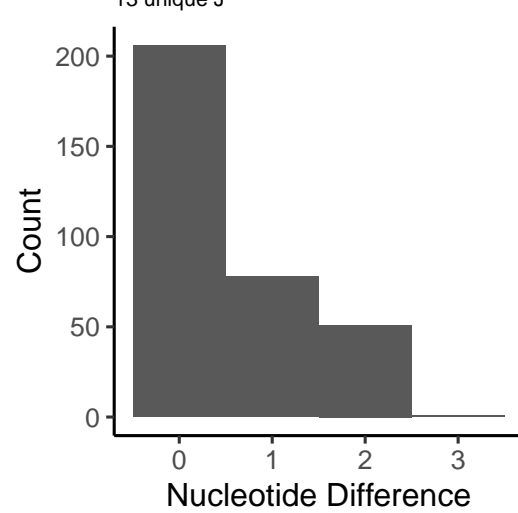
### TRBV4–2\*bp01

103 sequences assigned  
76 (73.8%) exact matches, in which:  
50 unique CDR3  
10 unique J



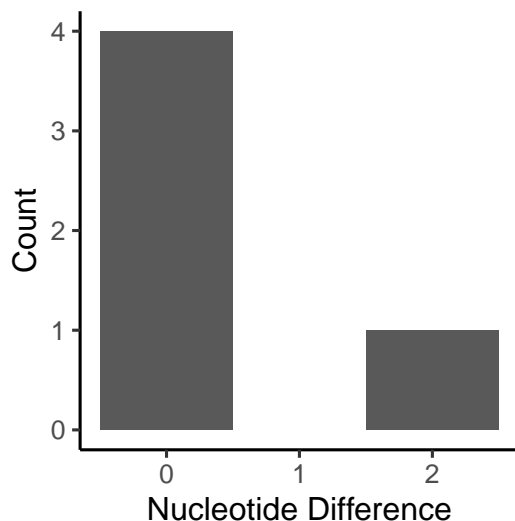
### TRBV5–1\*bp01

336 sequences assigned  
206 (61.3%) exact matches, in which:  
122 unique CDR3  
13 unique J



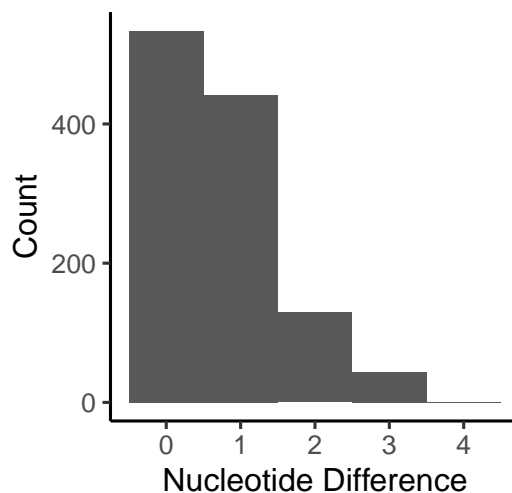
### TRBV5-3\*bp02

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



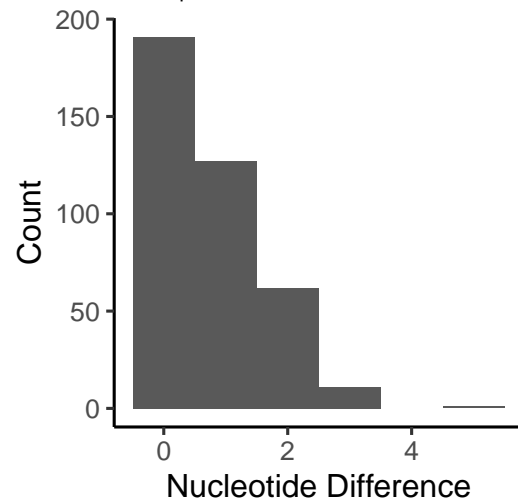
### TRBV5-6\*bp01

1150 sequences assigned  
534 (46.4%) exact matches, in which:  
310 unique CDR3  
14 unique J



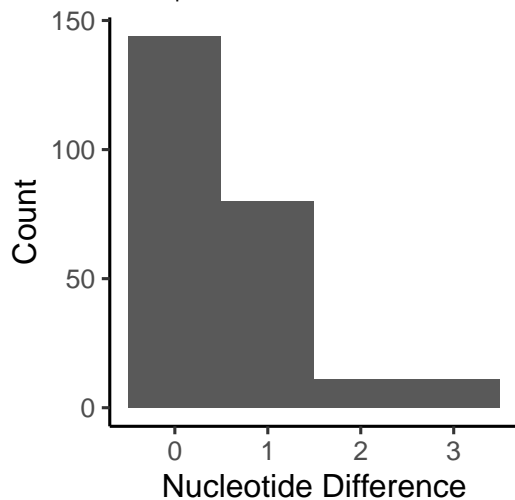
### TRBV6-1\*bp01

392 sequences assigned  
191 (48.7%) exact matches, in which:  
151 unique CDR3  
14 unique J



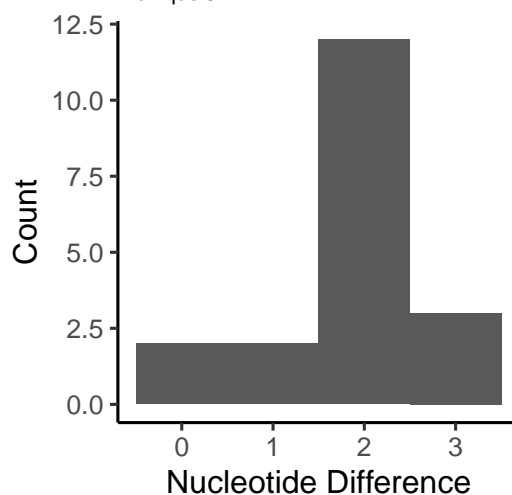
### TRBV5-4\*bp01

246 sequences assigned  
144 (58.5%) exact matches, in which:  
82 unique CDR3  
12 unique J



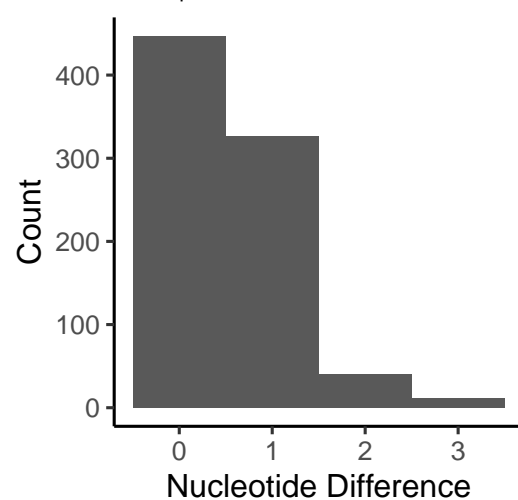
### TRBV5-7\*bp01

19 sequences assigned  
2 (10.5%) exact matches, in which:  
1 unique CDR3  
1 unique J



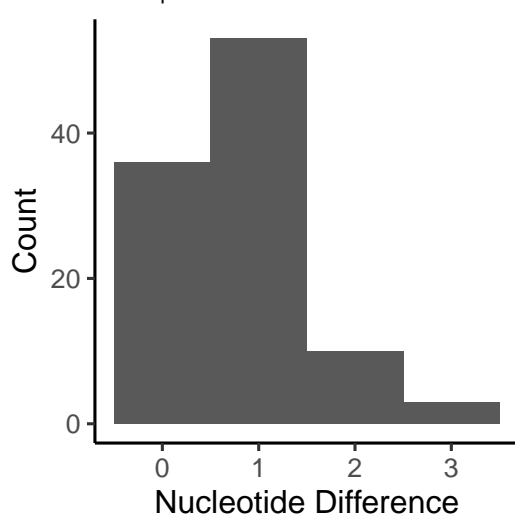
### TRBV6-4\*bp01

824 sequences assigned  
447 (54.2%) exact matches, in which:  
278 unique CDR3  
14 unique J



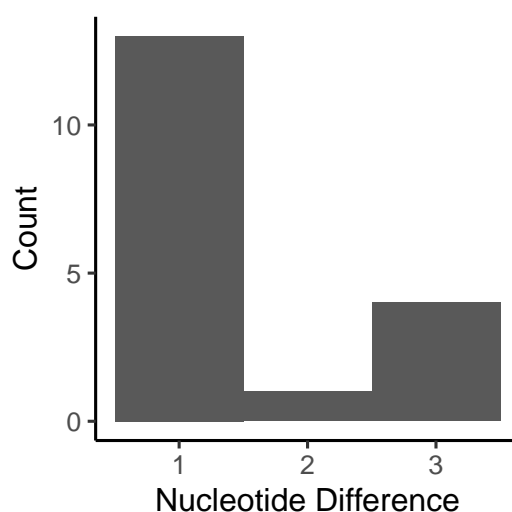
### TRBV5-5\*bp01

102 sequences assigned  
36 (35.3%) exact matches, in which:  
27 unique CDR3  
12 unique J



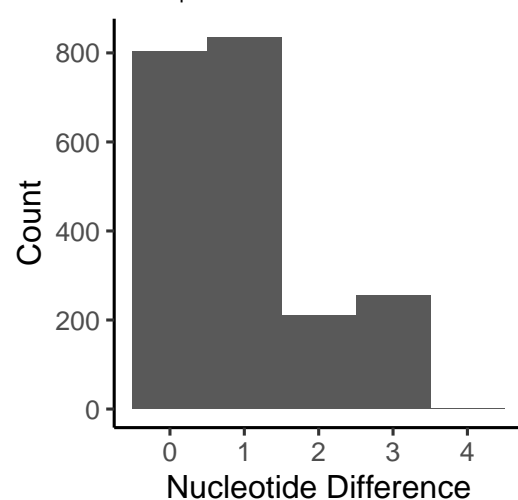
### TRBV5-8\*bp01

18 sequences assigned  
No exact matches.



### TRBV6-5\*bp01

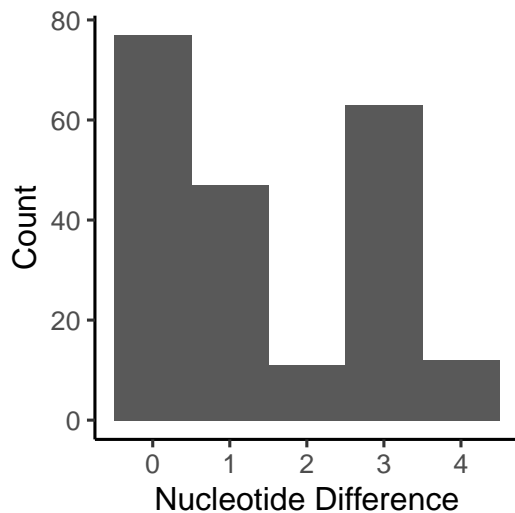
2105 sequences assigned  
804 (38.2%) exact matches, in which:  
553 unique CDR3  
14 unique J





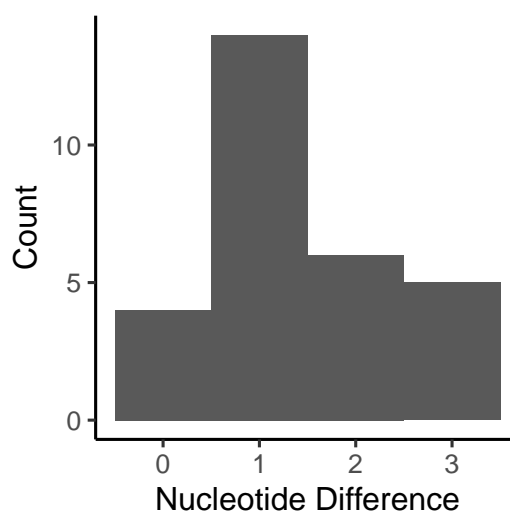
### TRBV6-6\*bp01

210 sequences assigned  
77 (36.7%) exact matches, in which:  
65 unique CDR3  
13 unique J



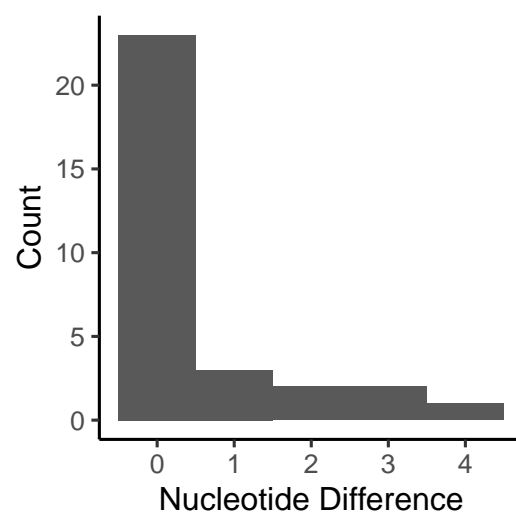
### TRBV6-9\*bp01

29 sequences assigned  
4 (13.8%) exact matches, in which:  
4 unique CDR3  
4 unique J



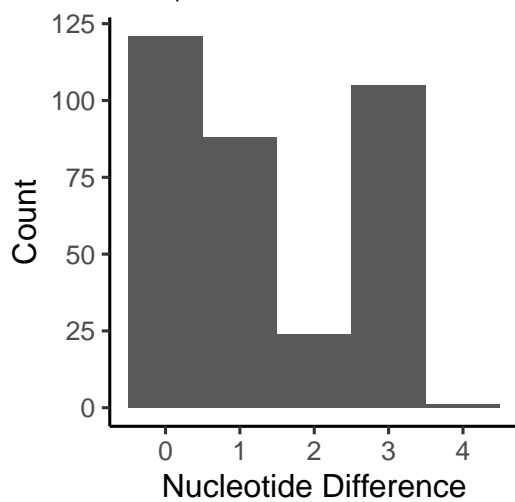
### TRBV7-3\*bp01

31 sequences assigned  
23 (74.2%) exact matches, in which:  
14 unique CDR3  
8 unique J



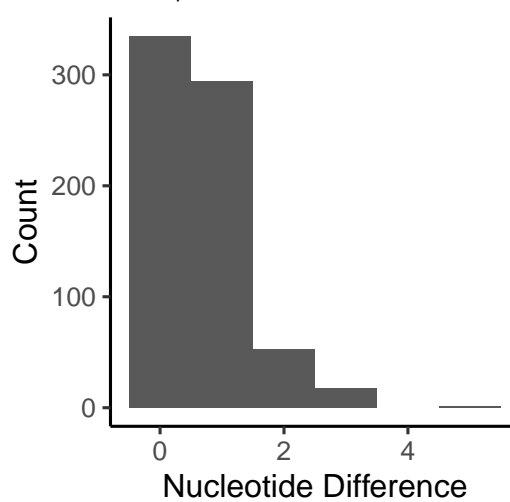
### TRBV6-6\*bp02

339 sequences assigned  
121 (35.7%) exact matches, in which:  
98 unique CDR3  
13 unique J



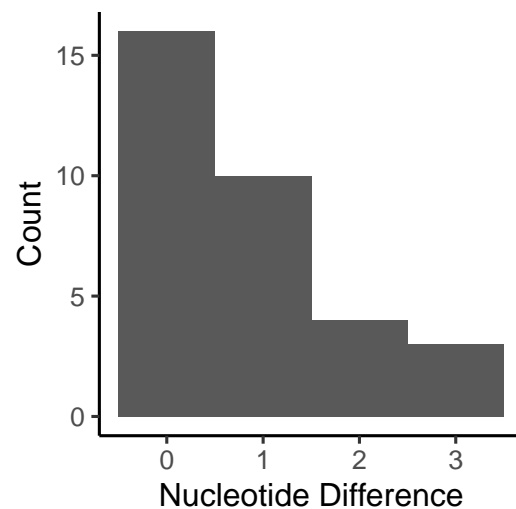
### TRBV6-23\*bp01

701 sequences assigned  
335 (47.8%) exact matches, in which:  
230 unique CDR3  
14 unique J



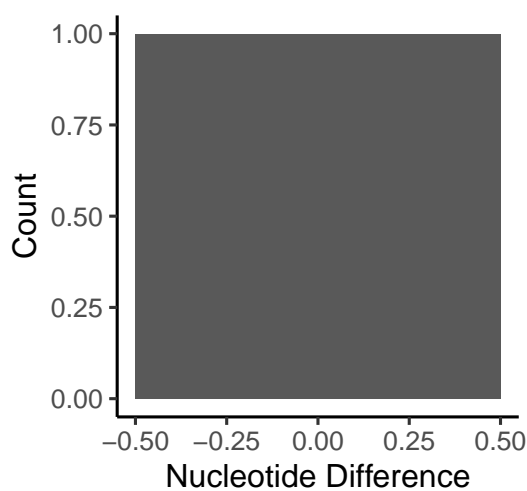
### TRBV7-4\*bp01

33 sequences assigned  
16 (48.5%) exact matches, in which:  
9 unique CDR3  
5 unique J



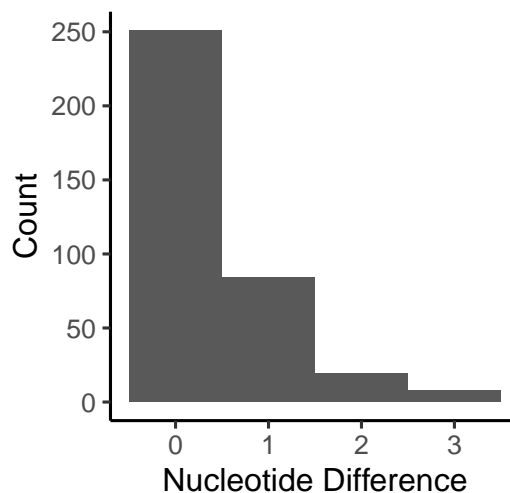
### TRBV6-7\*bp01

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



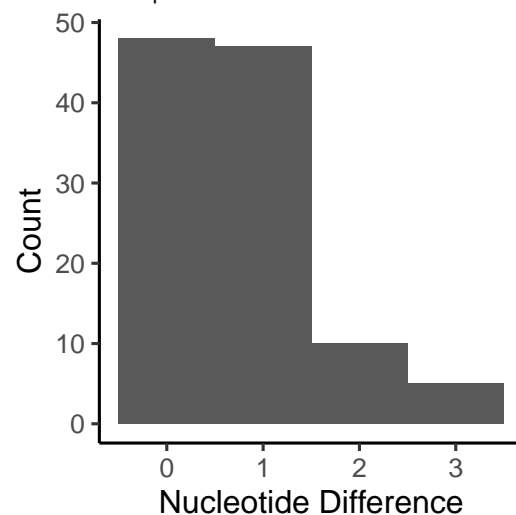
### TRBV7-2\*bp01

362 sequences assigned  
251 (69.3%) exact matches, in which:  
152 unique CDR3  
14 unique J



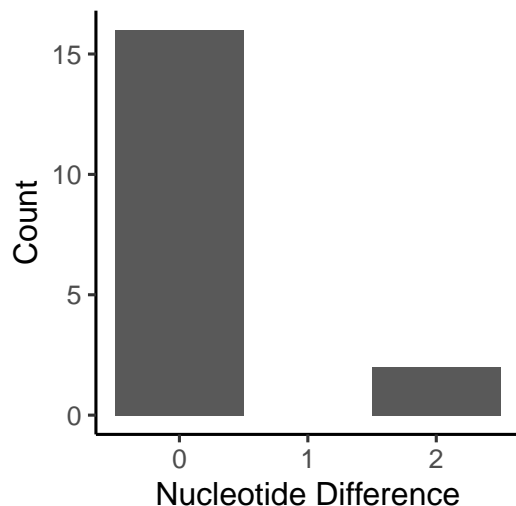
### TRBV7-6\*bp01

110 sequences assigned  
48 (43.6%) exact matches, in which:  
26 unique CDR3  
9 unique J



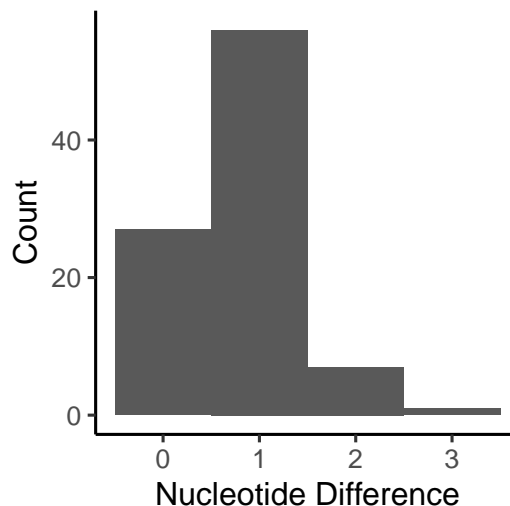
## TRBV7-7\*bp01

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



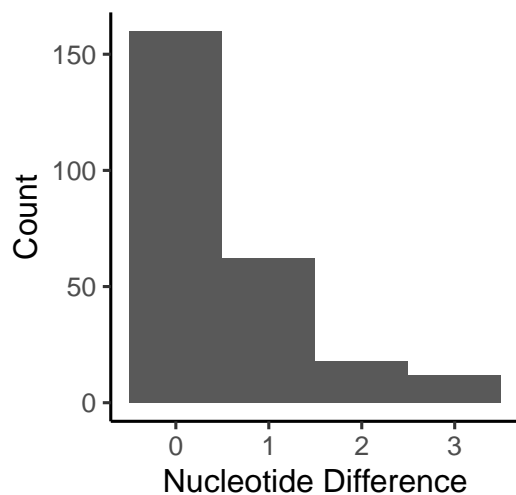
## TRBV29-1\*bp03

91 sequences assigned  
27 (29.7%) exact matches, in which:  
18 unique CDR3  
5 unique J



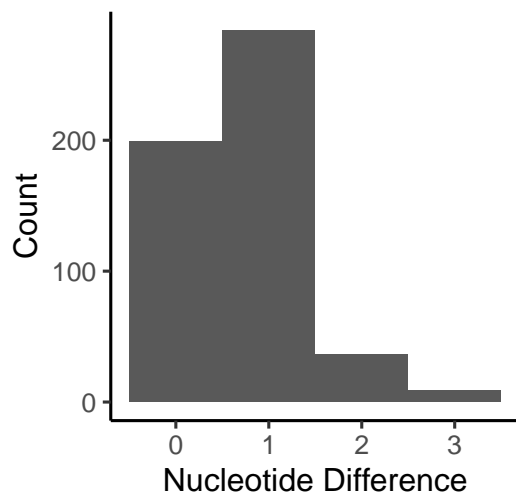
## TRBV7-9\*bp01

252 sequences assigned  
160 (63.5%) exact matches, in which:  
97 unique CDR3  
12 unique J

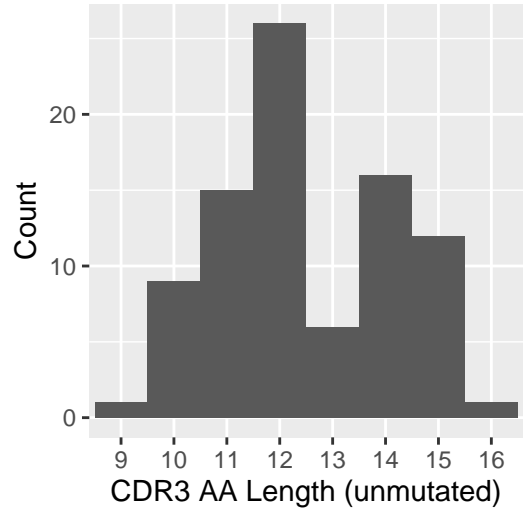


## TRBV29-1\*bp01

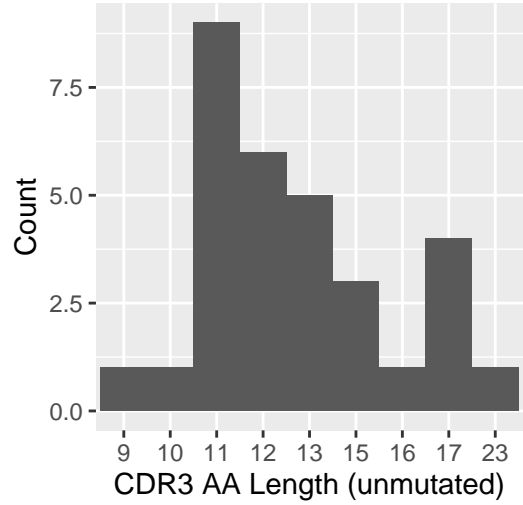
528 sequences assigned  
199 (37.7%) exact matches, in which:  
106 unique CDR3  
9 unique J



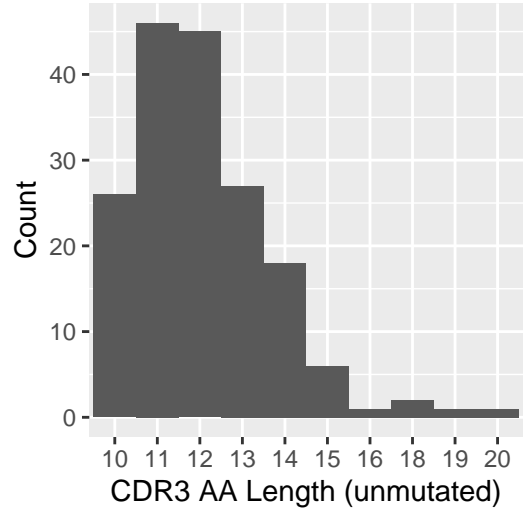
TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



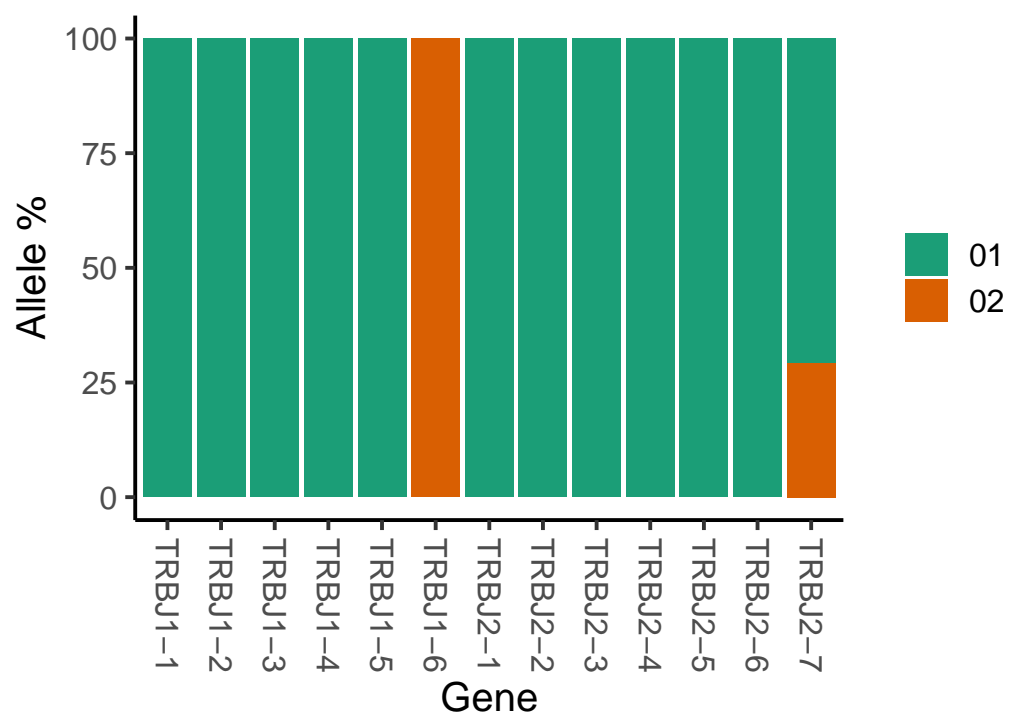
TRBV14\*bp02\_322CAAGA326



TRBV20-1\*bp04\_322GA323



Allele Usage



Sequence Count by TRBJ2–7 allele usage

