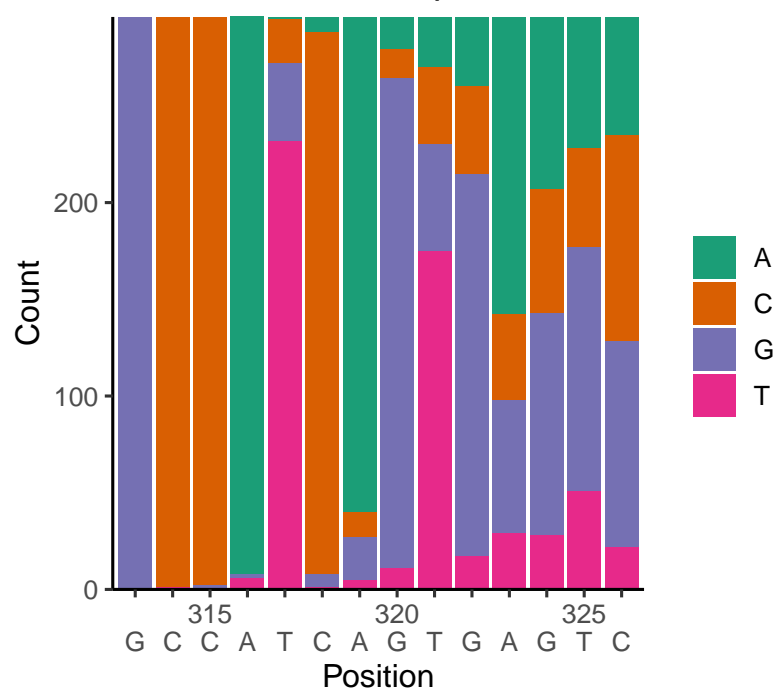
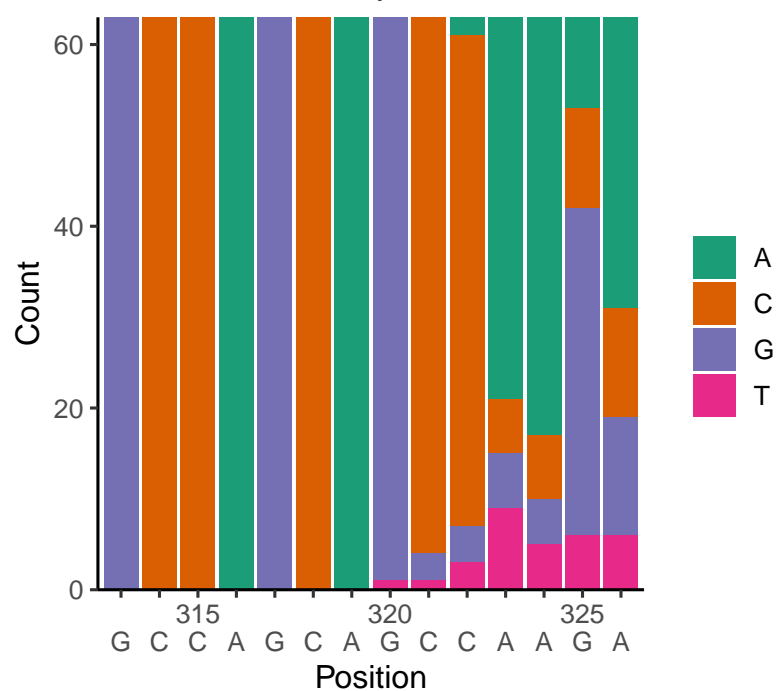


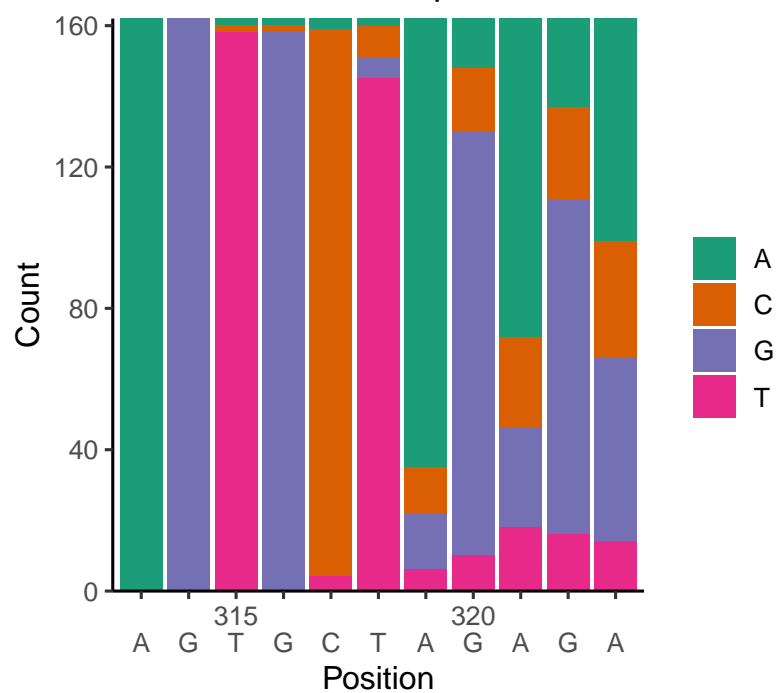
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



Gene TRBV14\*bp02\_322CAAGA326



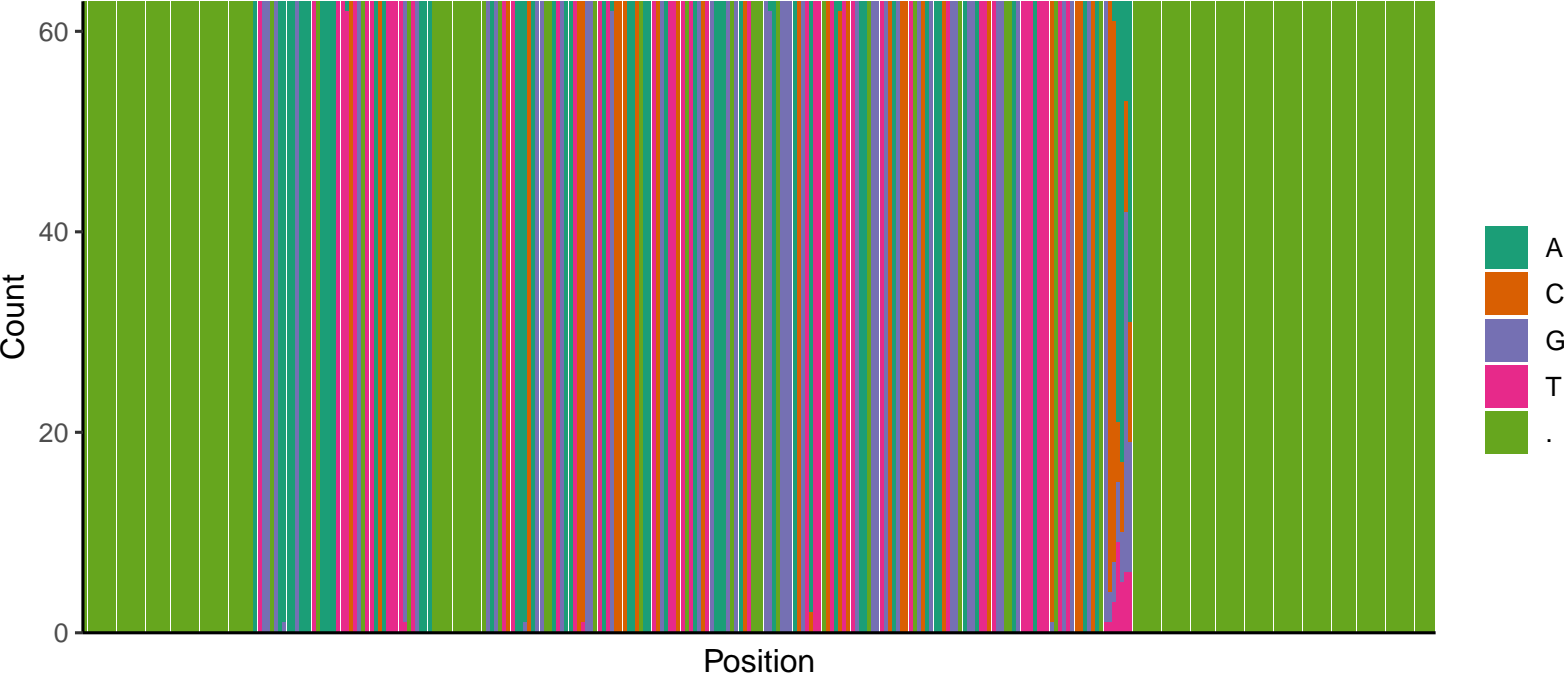
Gene TRBV20-1\*bp04\_322GA323



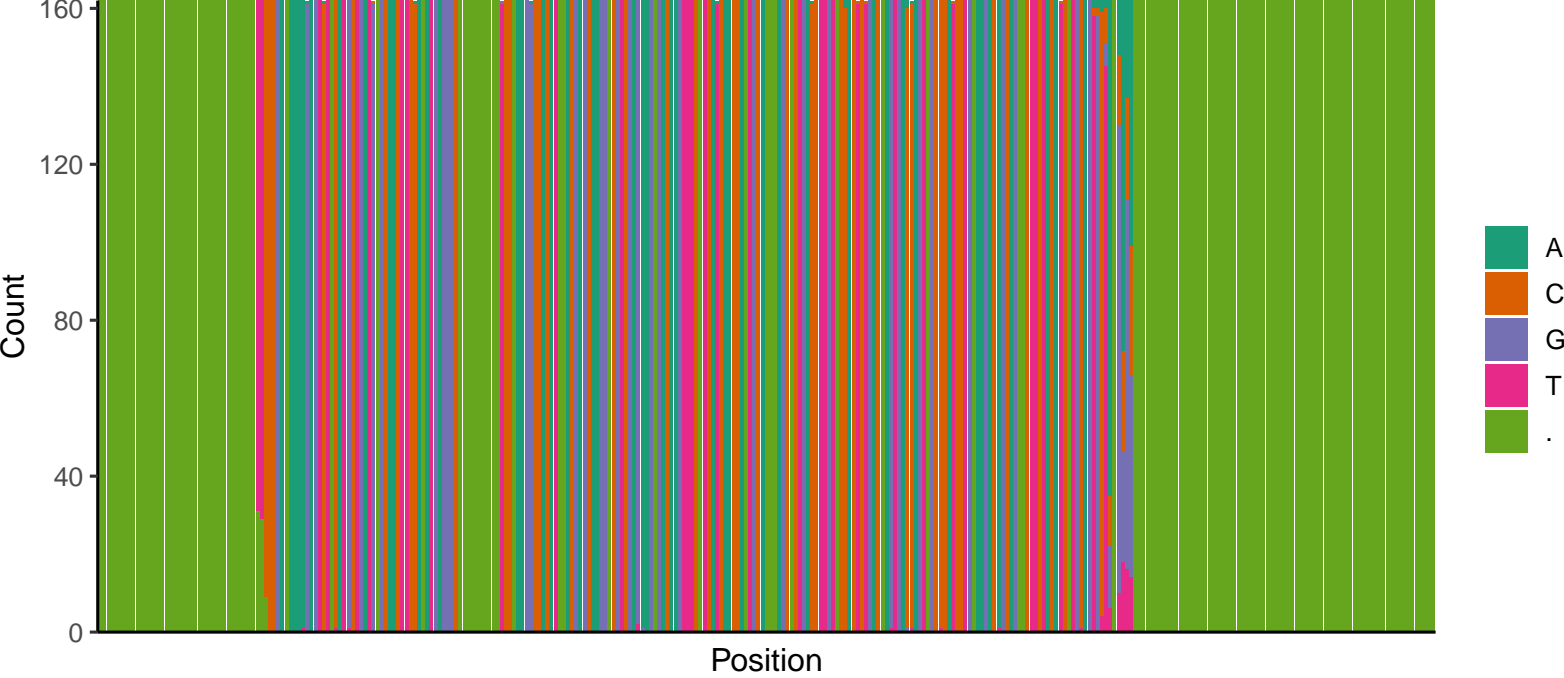
Gene TRBV10–3\*bp02\_313GCCATCAGTGAGTC326



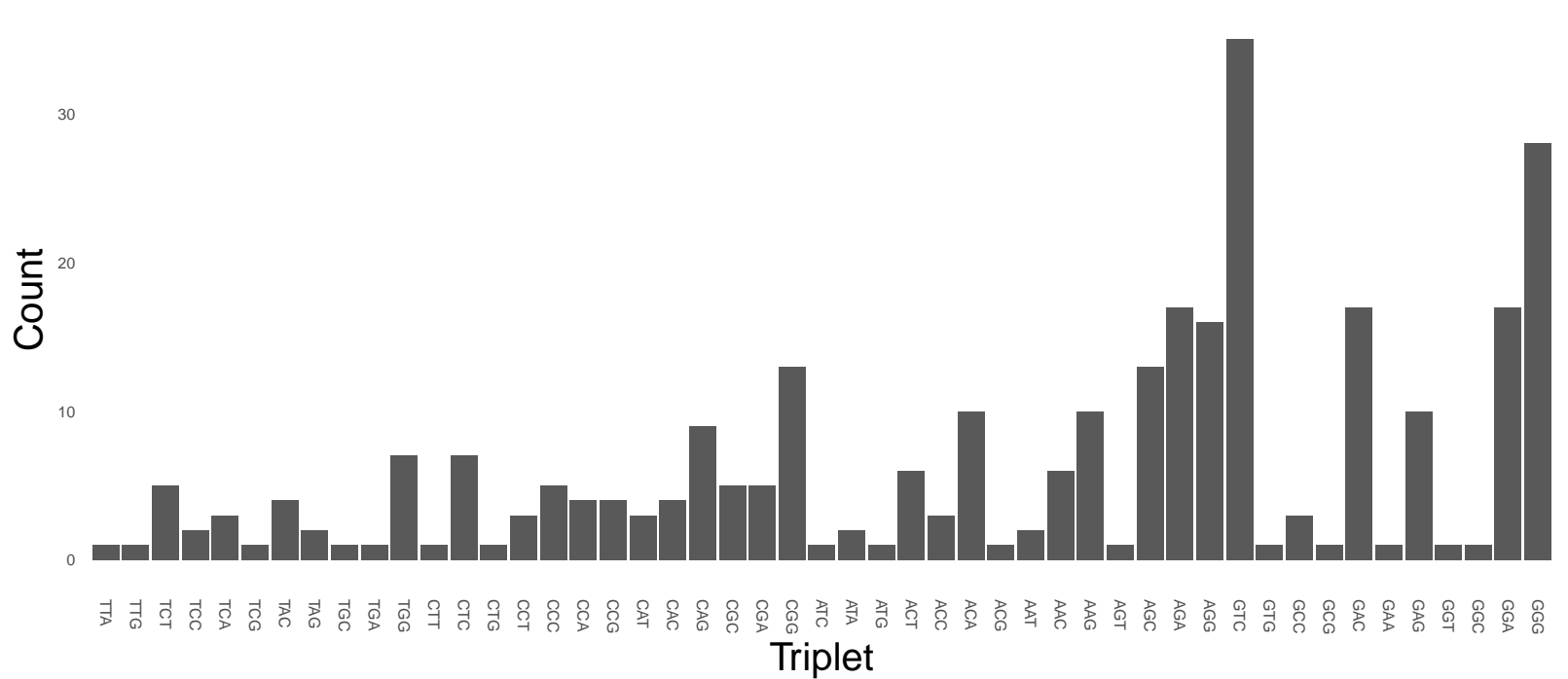
Gene TRBV14\*bp02\_322CAAGA326



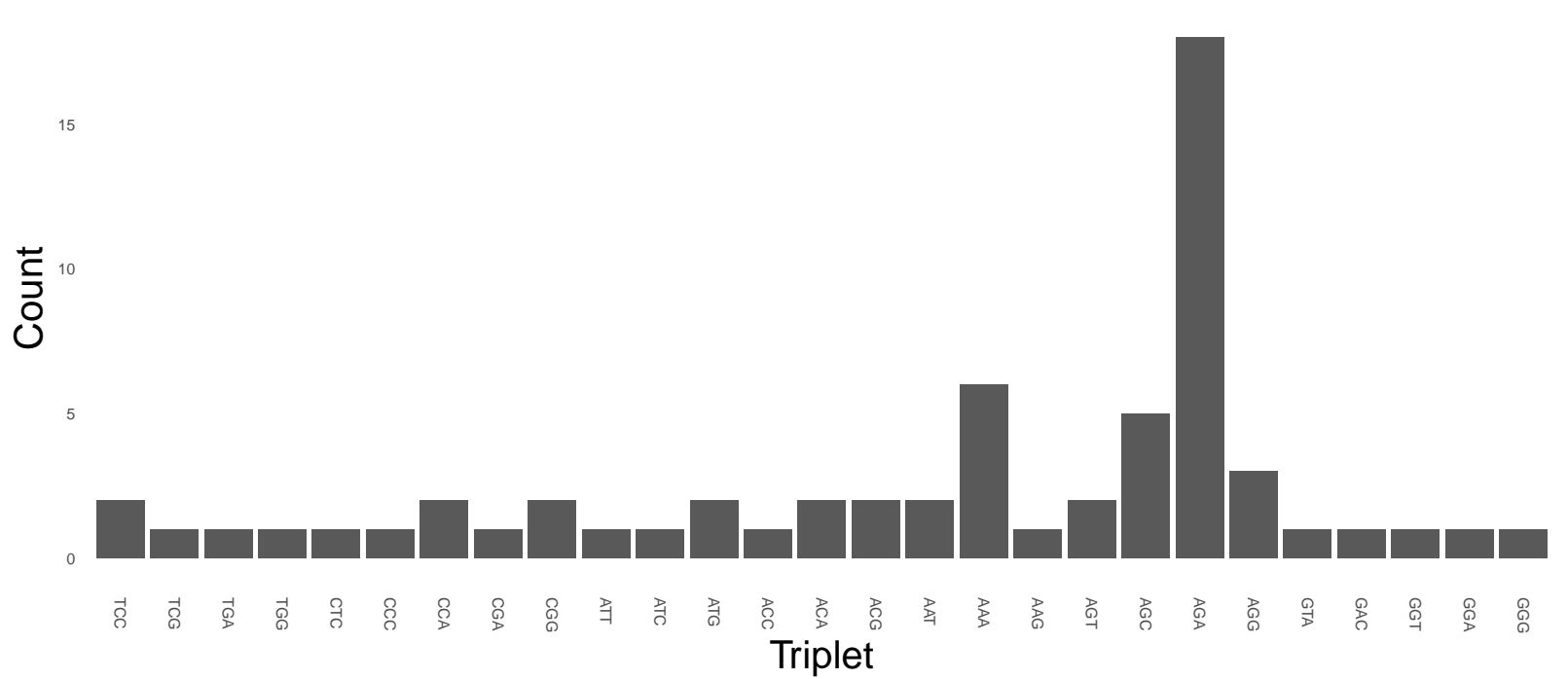
Gene TRBV20–1\*bp04\_322GA323



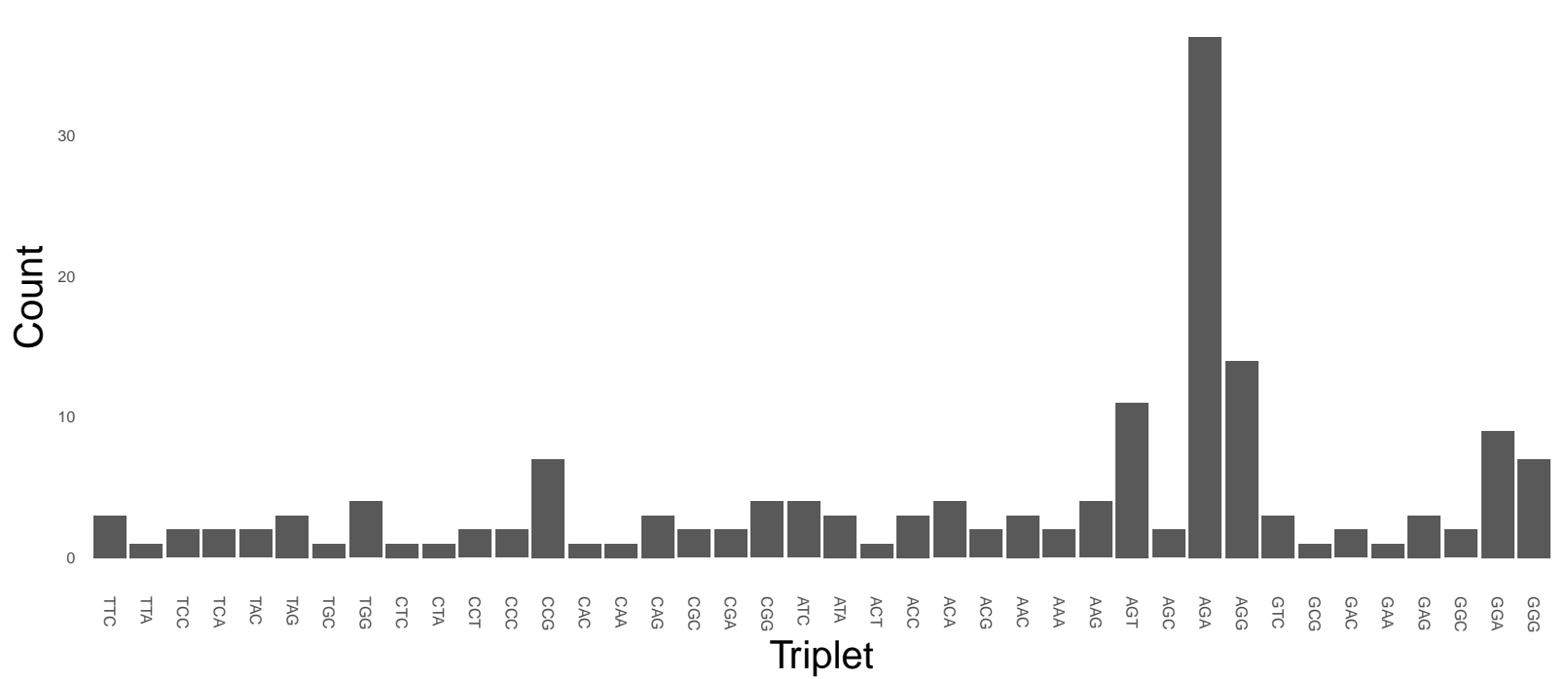
TRBV10–3\*bp02\_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



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

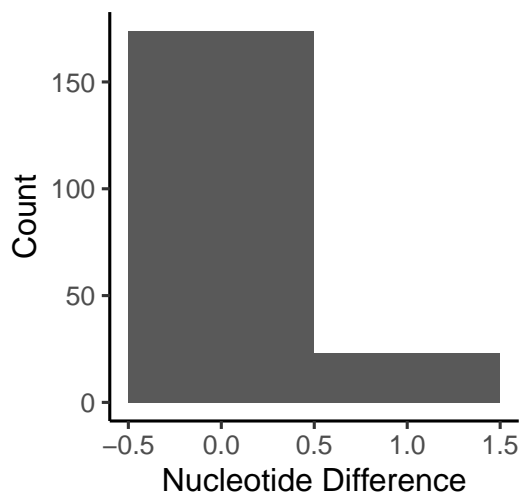


TRBV20–1\*bp04\_322GA323– Final 3 nucleotides as a triplet



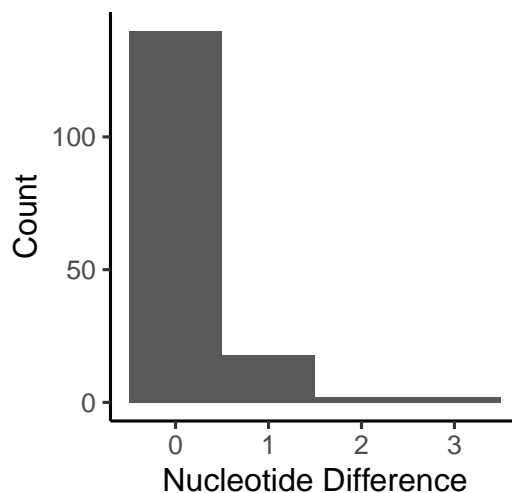
### TRBV20–1\*bp01

197 sequences assigned  
174 (88.3%) exact matches, in which:  
159 unique CDR3  
12 unique J



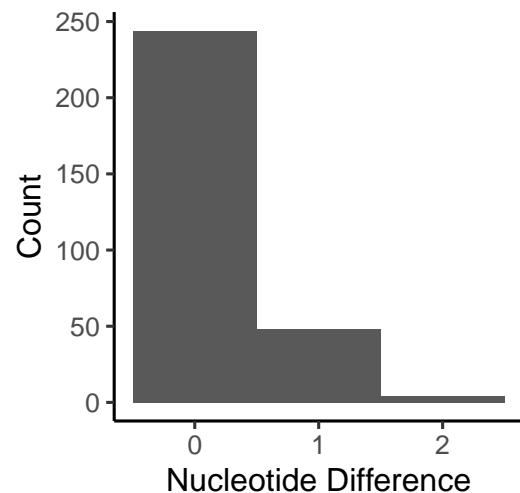
### TRBV20–1\*bp04\_322GA:

162 sequences assigned  
140 (86.4%) exact matches, in which:  
120 unique CDR3  
12 unique J



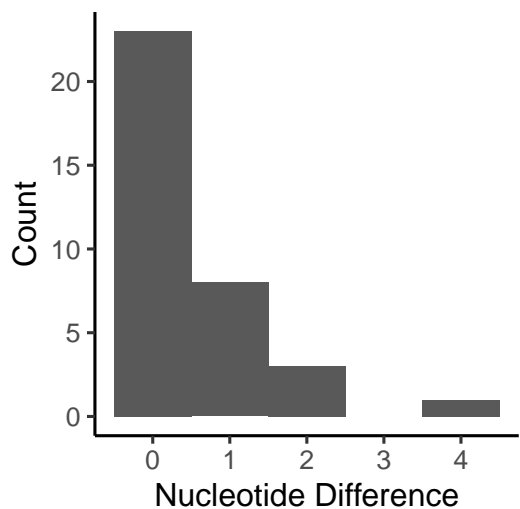
### TRBV10–3\*bp02\_313GC

296 sequences assigned  
244 (82.4%) exact matches, in which:  
198 unique CDR3  
13 unique J



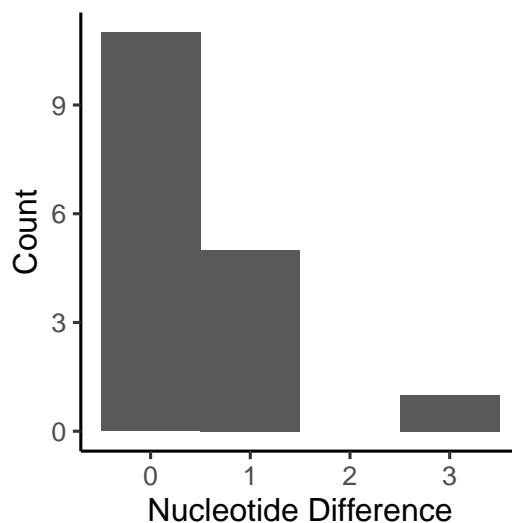
### TRBV10–1\*bp01

35 sequences assigned  
23 (65.7%) exact matches, in which:  
19 unique CDR3  
6 unique J



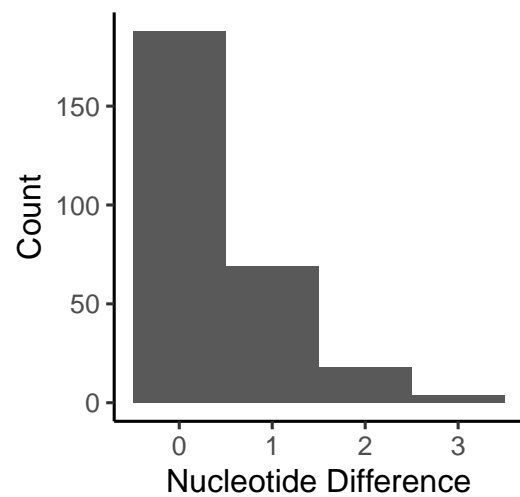
### TRBV10–2\*bp01

17 sequences assigned  
11 (64.7%) exact matches, in which:  
11 unique CDR3  
6 unique J



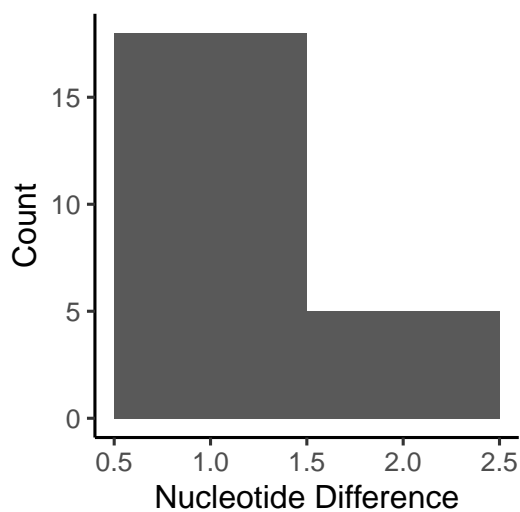
### TRBV13\*bp01

279 sequences assigned  
188 (67.4%) exact matches, in which:  
135 unique CDR3  
13 unique J



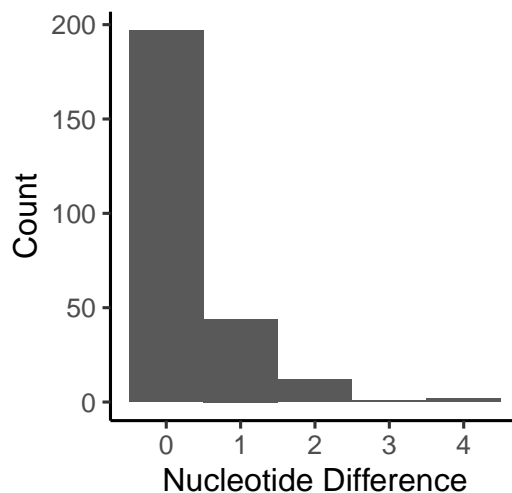
### TRBV10–1\*bp02

23 sequences assigned  
No exact matches.



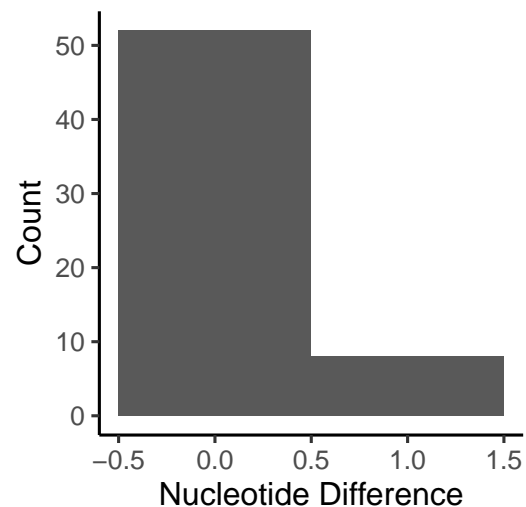
### TRBV10–3\*bp01

256 sequences assigned  
197 (77%) exact matches, in which:  
164 unique CDR3  
13 unique J



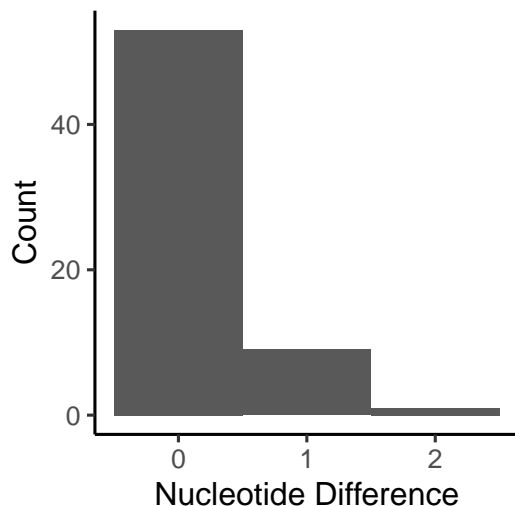
### TRBV14\*bp01

60 sequences assigned  
52 (86.7%) exact matches, in which:  
47 unique CDR3  
12 unique J



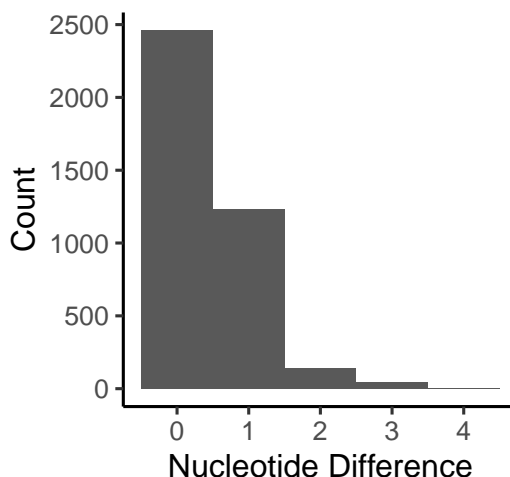
### TRBV14\*bp02\_322CAAG/

63 sequences assigned  
53 (84.1%) exact matches, in which:  
52 unique CDR3  
12 unique J



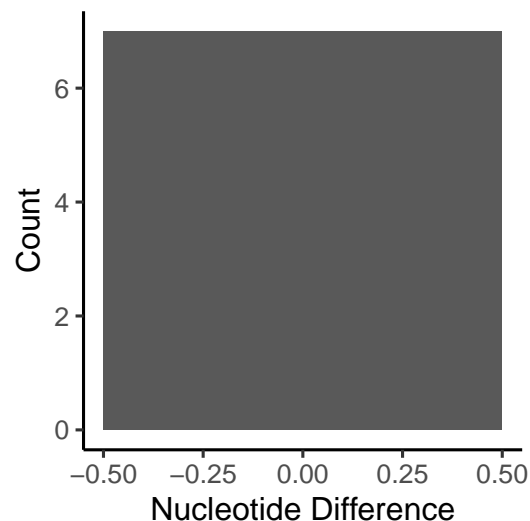
### TRBV19\*bp01

3884 sequences assigned  
2460 (63.3%) exact matches, in which:  
1507 unique CDR3  
13 unique J



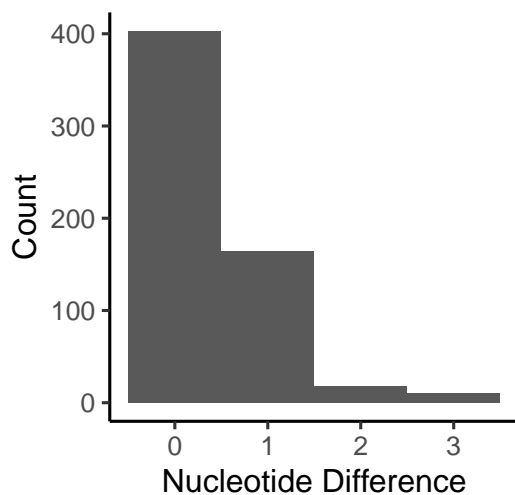
### TRBV28\*bp01

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



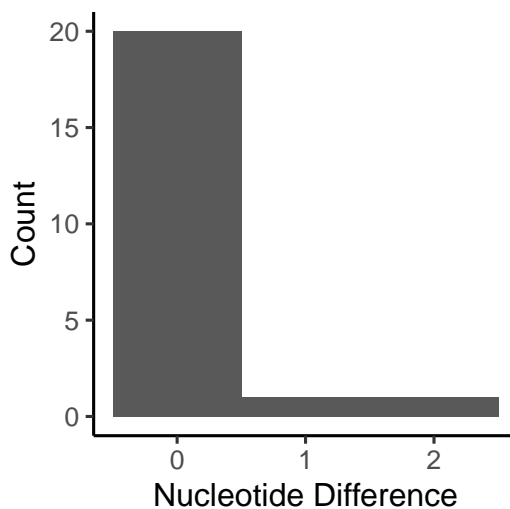
### TRBV15\*bp02

595 sequences assigned  
403 (67.7%) exact matches, in which:  
232 unique CDR3  
13 unique J



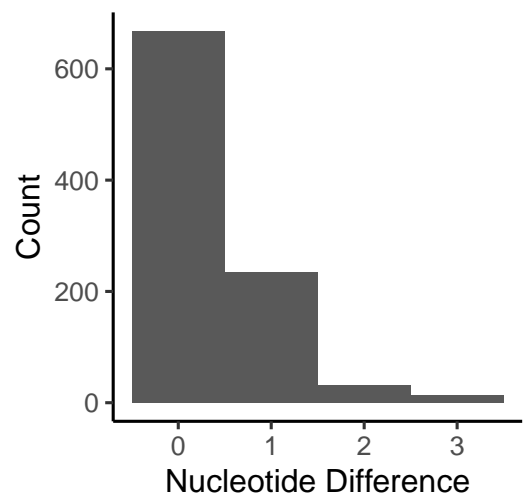
### TRBV2\*bp01

22 sequences assigned  
20 (90.9%) exact matches, in which:  
20 unique CDR3  
10 unique J



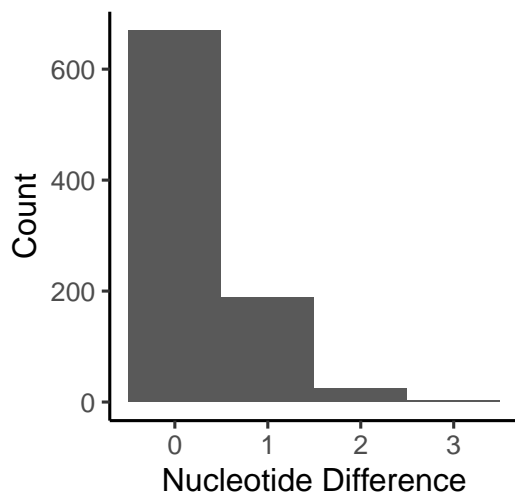
### TRBV30\*bp02

947 sequences assigned  
668 (70.5%) exact matches, in which:  
318 unique CDR3  
13 unique J



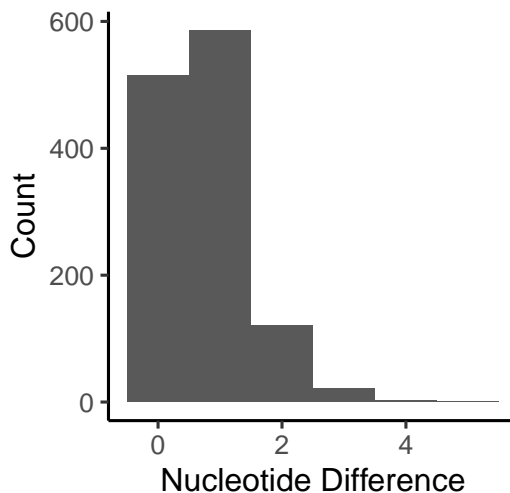
### TRBV18\*bp01

885 sequences assigned  
670 (75.7%) exact matches, in which:  
387 unique CDR3  
13 unique J



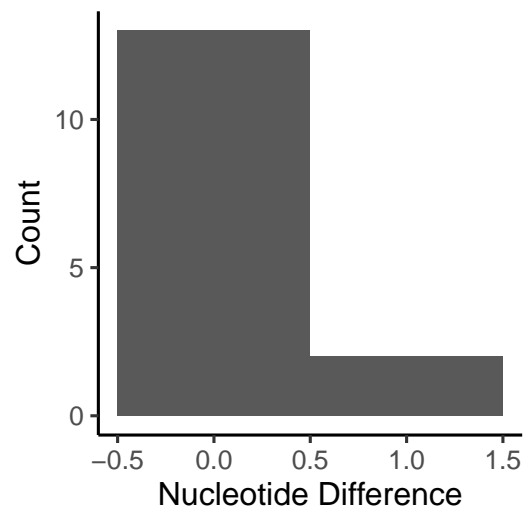
### TRBV27\*bp01

1246 sequences assigned  
515 (41.3%) exact matches, in which:  
409 unique CDR3  
13 unique J



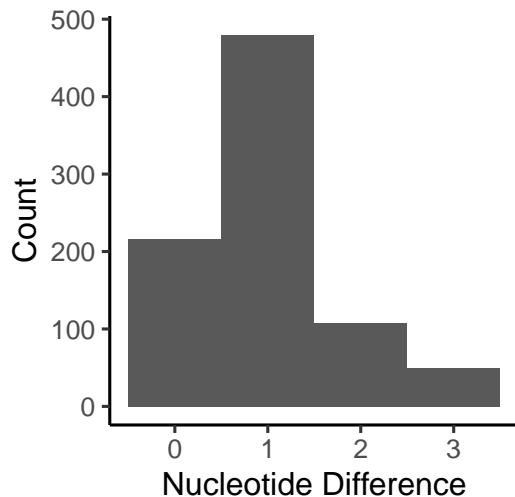
### TRBV9\*bp01

15 sequences assigned  
13 (86.7%) exact matches, in which:  
12 unique CDR3  
6 unique J



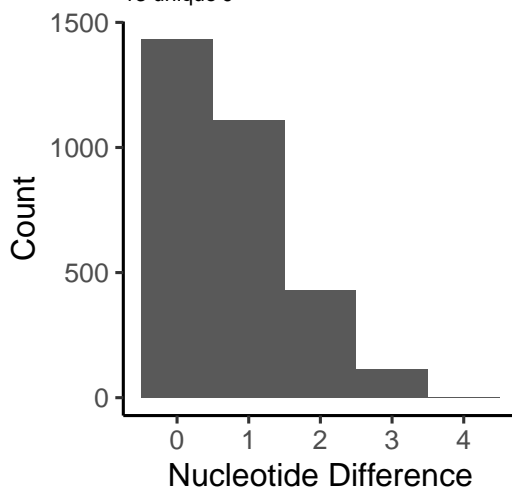
### TRBV11–1\*bp01

854 sequences assigned  
216 (25.3%) exact matches, in which:  
136 unique CDR3  
12 unique J



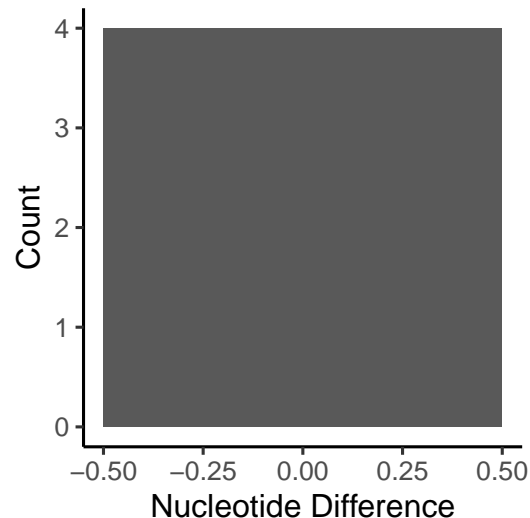
### TRBV11–3\*bp01

3088 sequences assigned  
1432 (46.4%) exact matches, in which:  
958 unique CDR3  
13 unique J



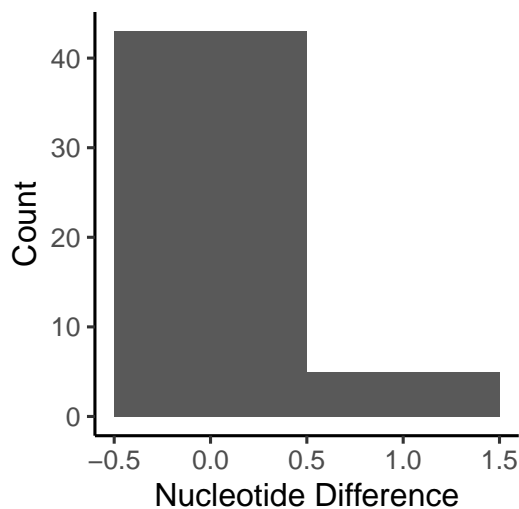
### TRBV23–1\*bp01

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



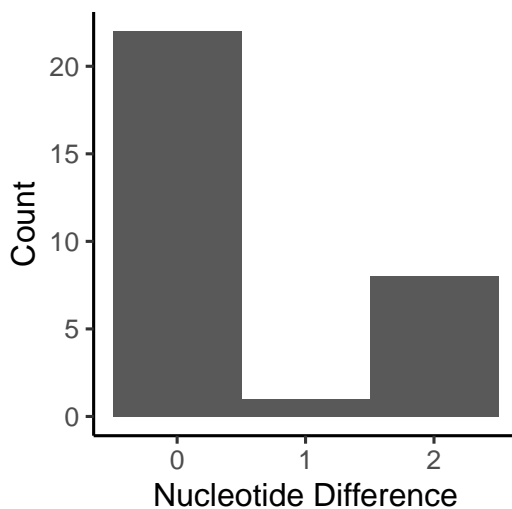
### TRBV21–1\*bp02

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



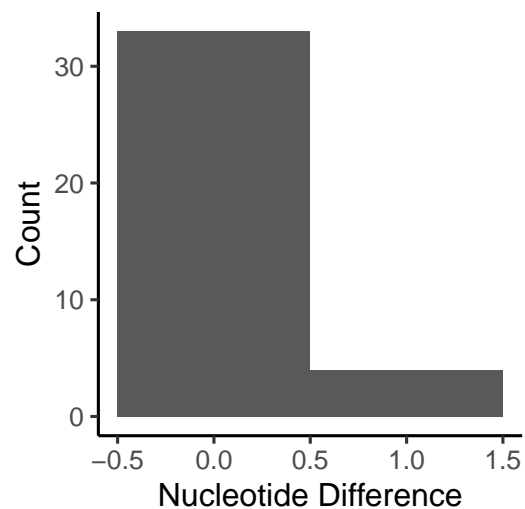
### TRBV12–5\*bp01

31 sequences assigned  
22 (71%) exact matches, in which:  
20 unique CDR3  
9 unique J



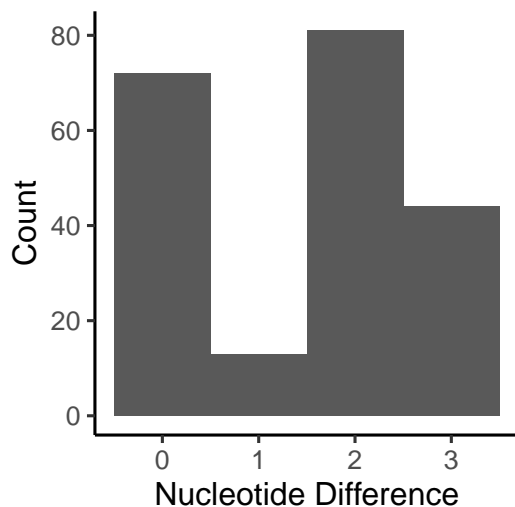
### TRBV4–1\*bp01

37 sequences assigned  
33 (89.2%) exact matches, in which:  
33 unique CDR3  
10 unique J



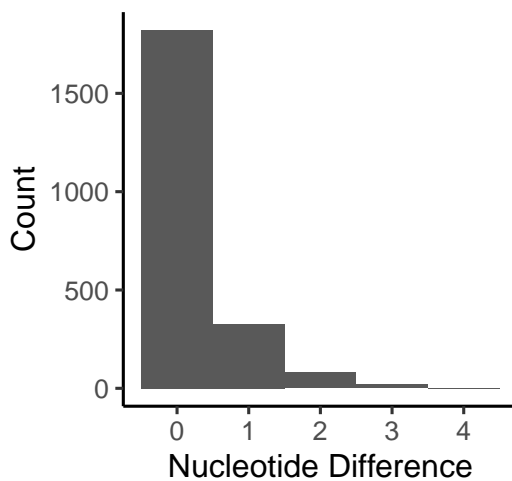
### TRBV11–2\*bp01

210 sequences assigned  
72 (34.3%) exact matches, in which:  
66 unique CDR3  
13 unique J



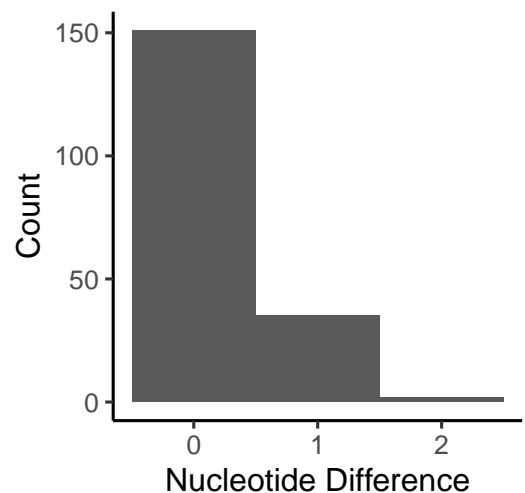
### TRBV12–34\*bp01

2249 sequences assigned  
1822 (81%) exact matches, in which:  
1067 unique CDR3  
13 unique J



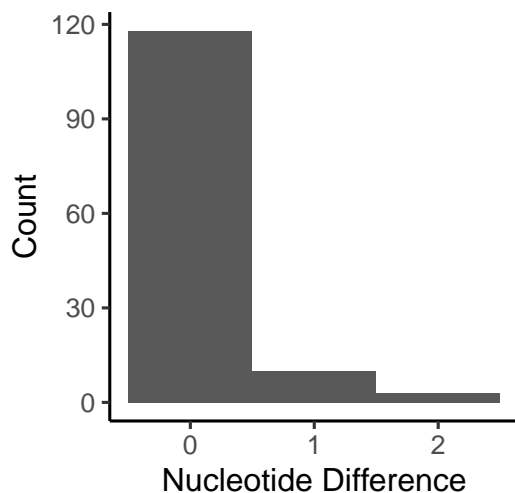
### TRBV24–1\*bp02

188 sequences assigned  
151 (80.3%) exact matches, in which:  
126 unique CDR3  
12 unique J



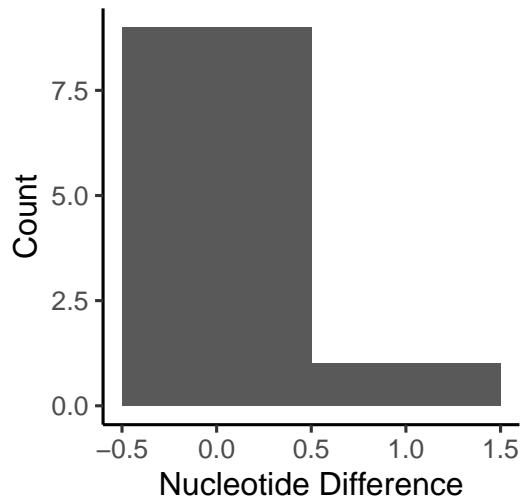
### TRBV4-2\*bp01

131 sequences assigned  
118 (90.1%) exact matches, in which:  
106 unique CDR3  
13 unique J



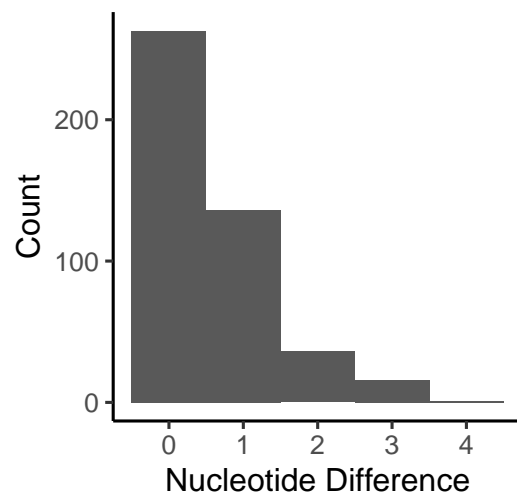
### TRBV25-1\*bp01

10 sequences assigned  
9 (90%) exact matches, in which:  
8 unique CDR3  
6 unique J



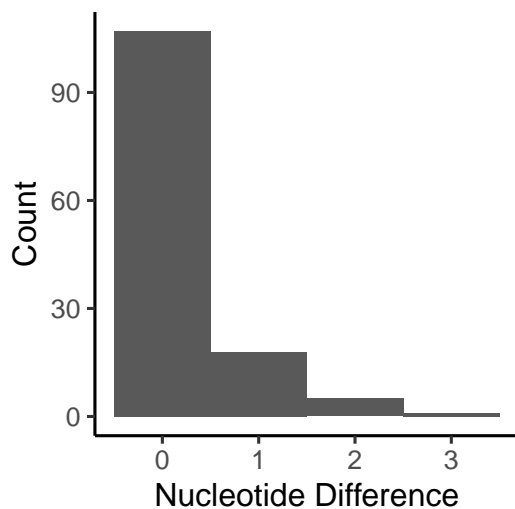
### TRBV5-5\*bp01

452 sequences assigned  
263 (58.2%) exact matches, in which:  
170 unique CDR3  
13 unique J



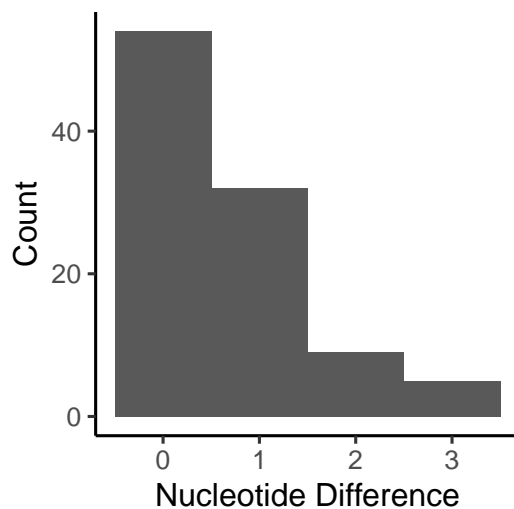
### TRBV4-3\*bp01

131 sequences assigned  
107 (81.7%) exact matches, in which:  
98 unique CDR3  
12 unique J



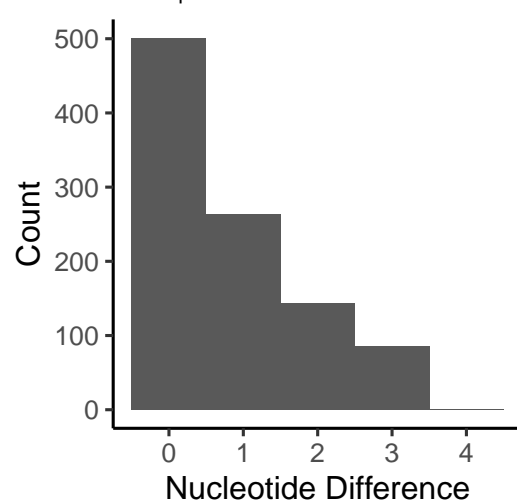
### TRBV5-3\*bp01

100 sequences assigned  
54 (54%) exact matches, in which:  
43 unique CDR3  
11 unique J



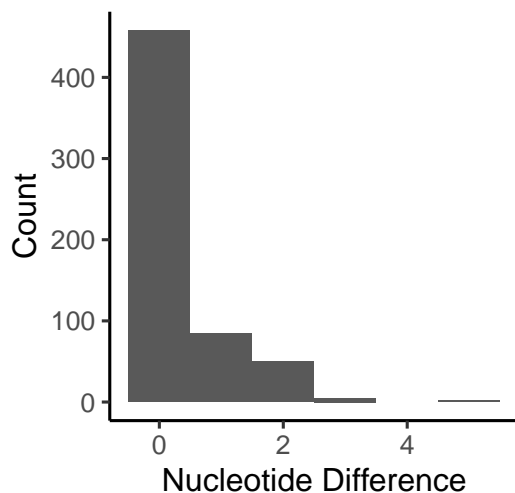
### TRBV5-6\*bp01

994 sequences assigned  
501 (50.4%) exact matches, in which:  
352 unique CDR3  
13 unique J



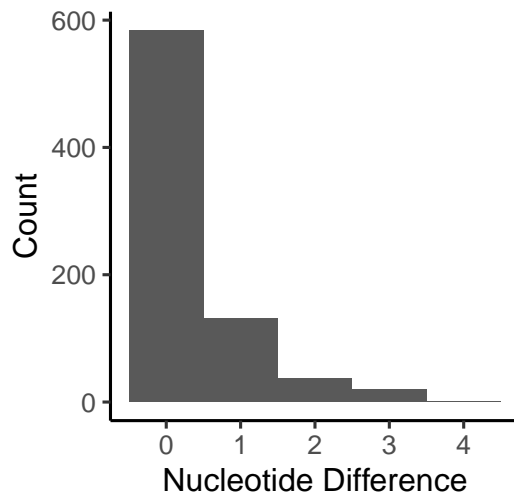
### TRBV5-1\*bp01

599 sequences assigned  
458 (76.5%) exact matches, in which:  
367 unique CDR3  
13 unique J



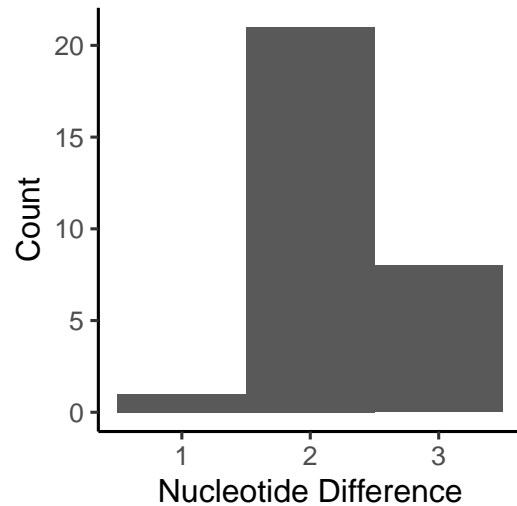
### TRBV5-4\*bp01

772 sequences assigned  
584 (75.6%) exact matches, in which:  
400 unique CDR3  
13 unique J



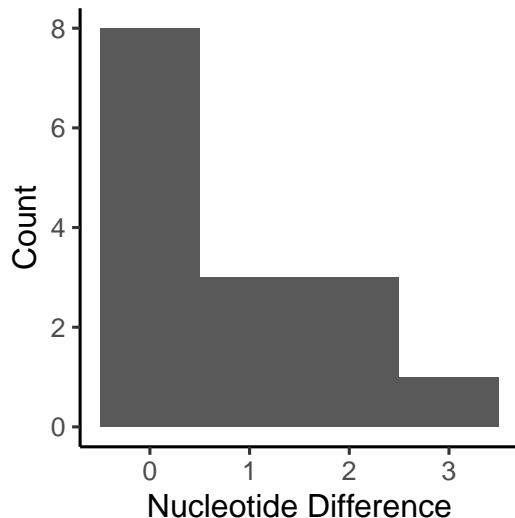
### TRBV5-7\*bp01

30 sequences assigned  
No exact matches.



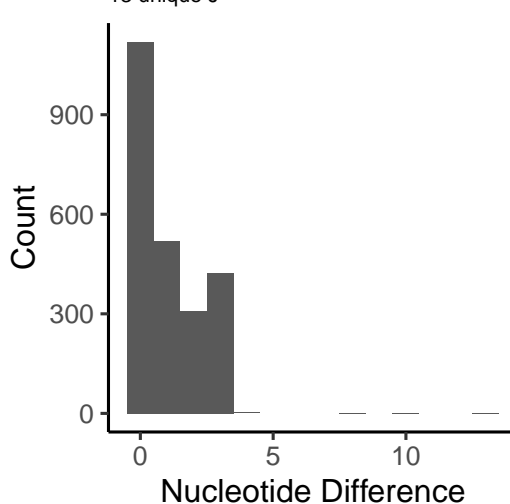
### TRBV5-8\*bp01

15 sequences assigned  
8 (53.3%) exact matches, in which:  
8 unique CDR3  
6 unique J



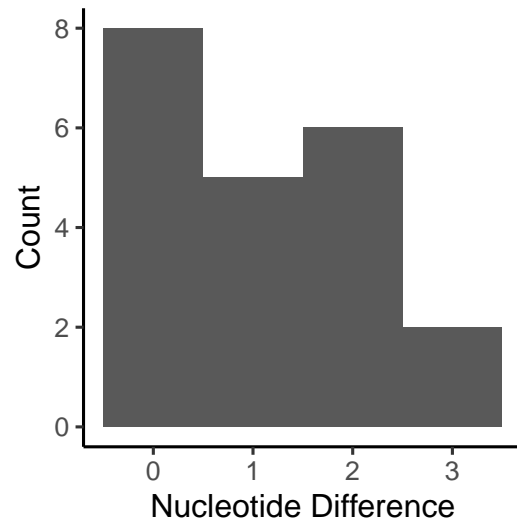
### TRBV6-5\*bp01

2376 sequences assigned  
1120 (47.1%) exact matches, in which:  
920 unique CDR3  
13 unique J



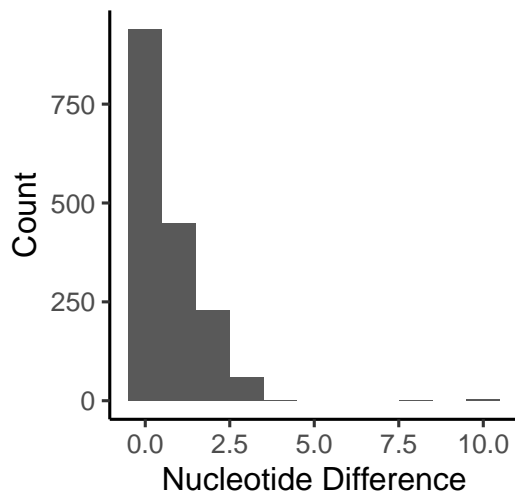
### TRBV6-9\*bp01

21 sequences assigned  
8 (38.1%) exact matches, in which:  
7 unique CDR3  
5 unique J



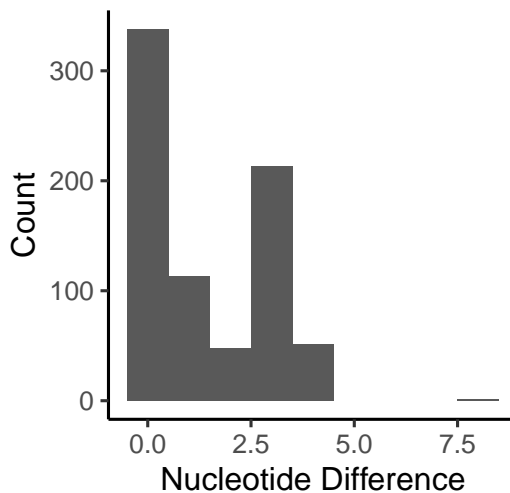
### TRBV6-1\*bp01

1683 sequences assigned  
940 (55.9%) exact matches, in which:  
790 unique CDR3  
13 unique J



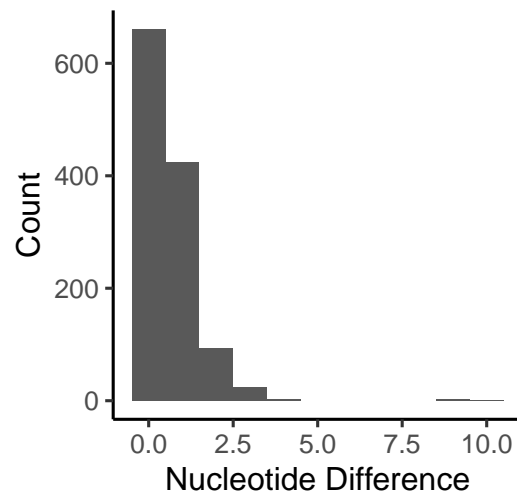
### TRBV6-6\*bp01

764 sequences assigned  
338 (44.2%) exact matches, in which:  
283 unique CDR3  
13 unique J



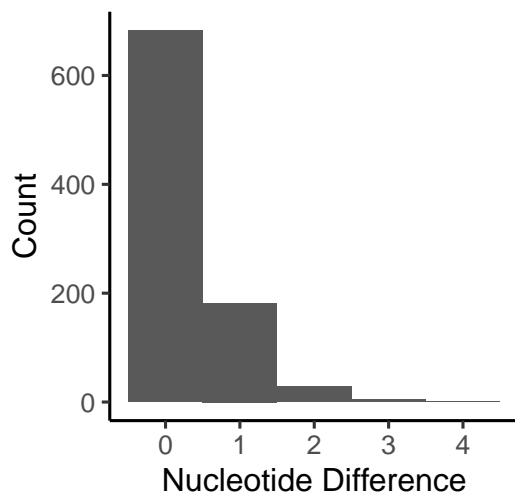
### TRBV6-23\*bp01

1208 sequences assigned  
661 (54.7%) exact matches, in which:  
535 unique CDR3  
13 unique J



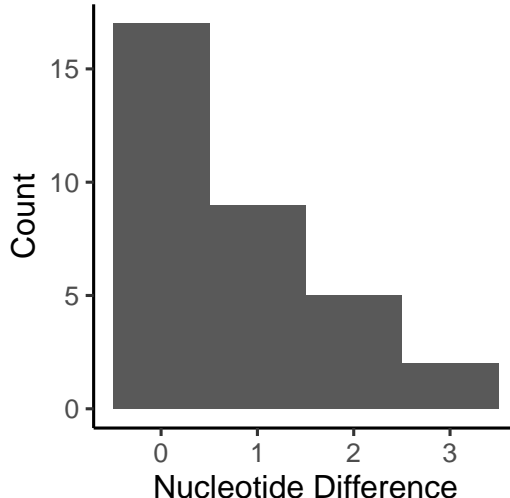
### TRBV6-4\*bp01

899 sequences assigned  
683 (76%) exact matches, in which:  
500 unique CDR3  
13 unique J



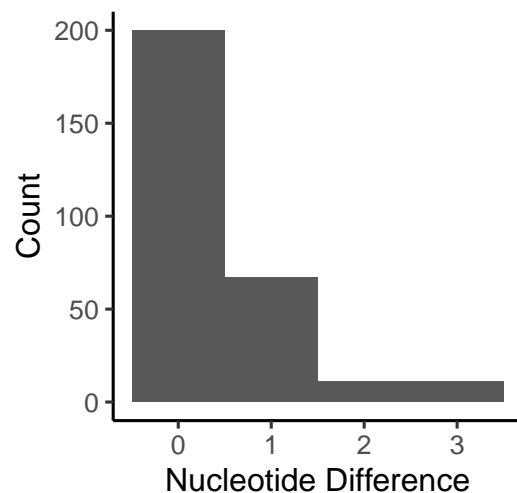
### TRBV6-8\*bp01

33 sequences assigned  
17 (51.5%) exact matches, in which:  
13 unique CDR3  
4 unique J



### TRBV7-2\*bp01

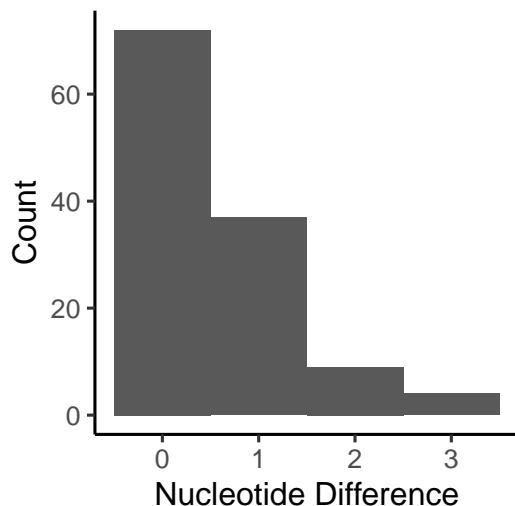
289 sequences assigned  
200 (69.2%) exact matches, in which:  
155 unique CDR3  
13 unique J





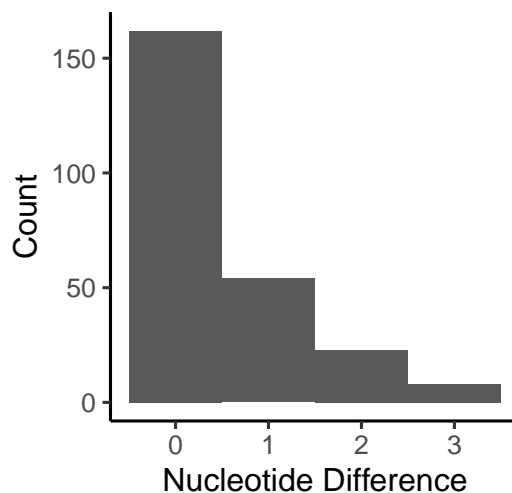
### TRBV7-2\*bp02

122 sequences assigned  
72 (59%) exact matches, in which:  
60 unique CDR3  
12 unique J



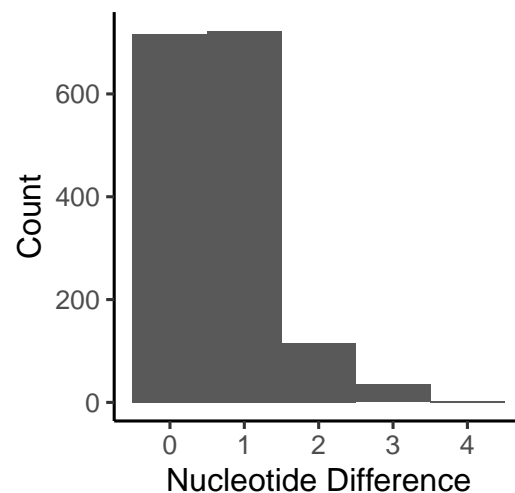
### TRBV7-6\*bp01

247 sequences assigned  
162 (65.6%) exact matches, in which:  
121 unique CDR3  
13 unique J



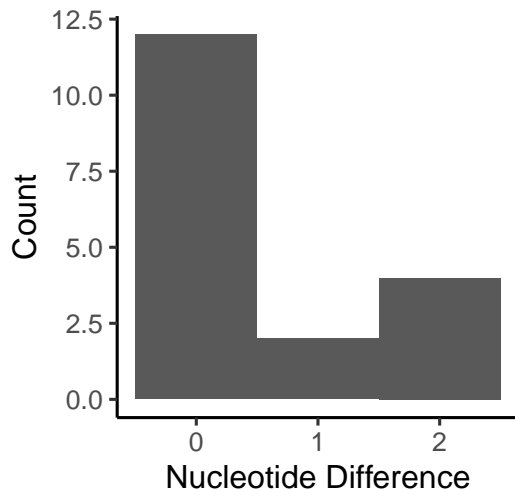
### TRBV29-1\*bp01

1593 sequences assigned  
717 (45%) exact matches, in which:  
442 unique CDR3  
13 unique J



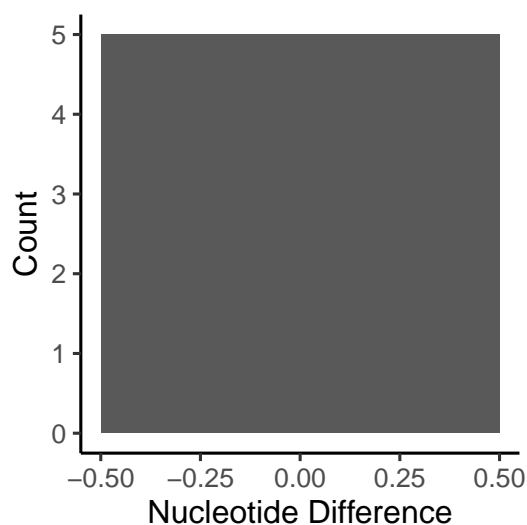
### TRBV7-3\*bp01

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



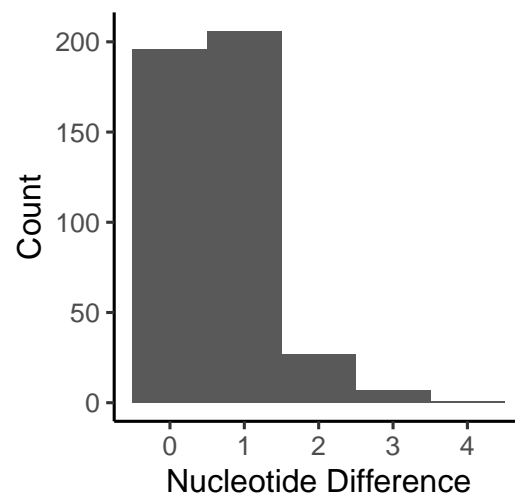
### TRBV7-7\*bp01

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



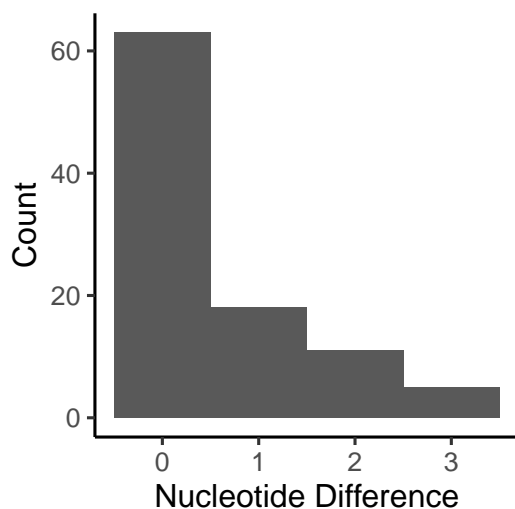
### TRBV29-1\*bp03

437 sequences assigned  
196 (44.9%) exact matches, in which:  
121 unique CDR3  
12 unique J



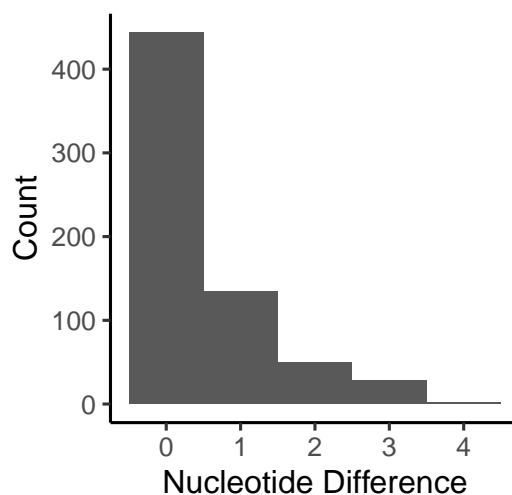
### TRBV7-4\*bp01

97 sequences assigned  
63 (64.9%) exact matches, in which:  
37 unique CDR3  
9 unique J

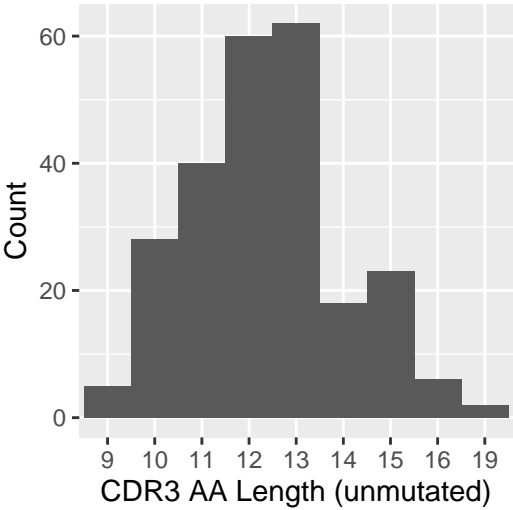


### TRBV7-9\*bp01

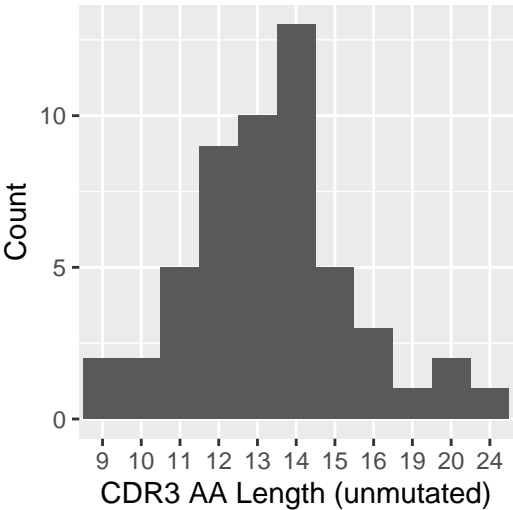
658 sequences assigned  
444 (67.5%) exact matches, in which:  
343 unique CDR3  
13 unique J



TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



TRBV14\*bp02\_322CAAGA326



TRBV20-1\*bp04\_322GA323

