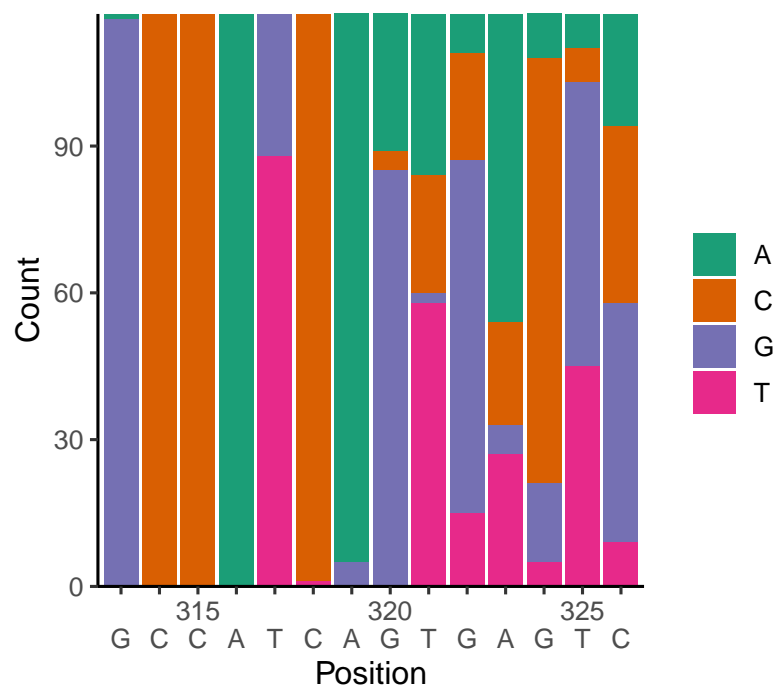
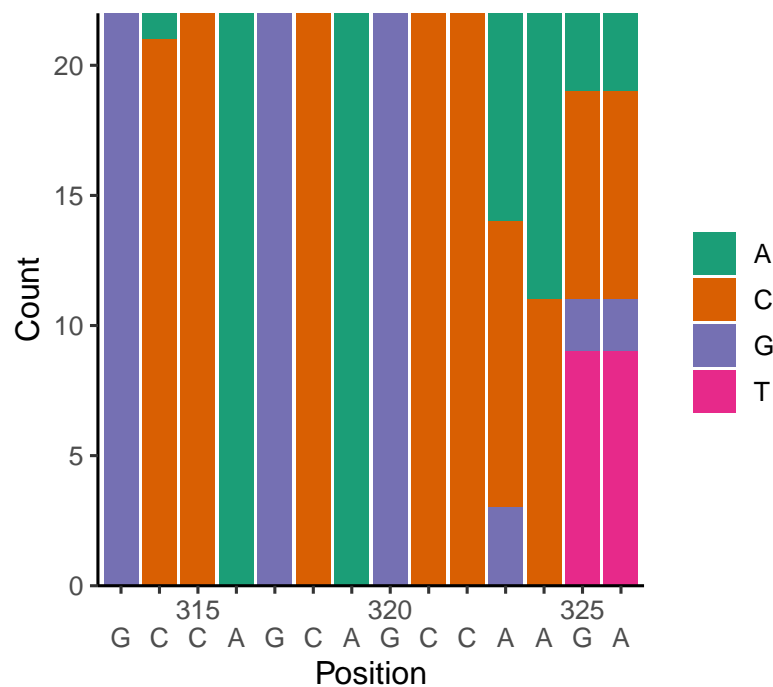


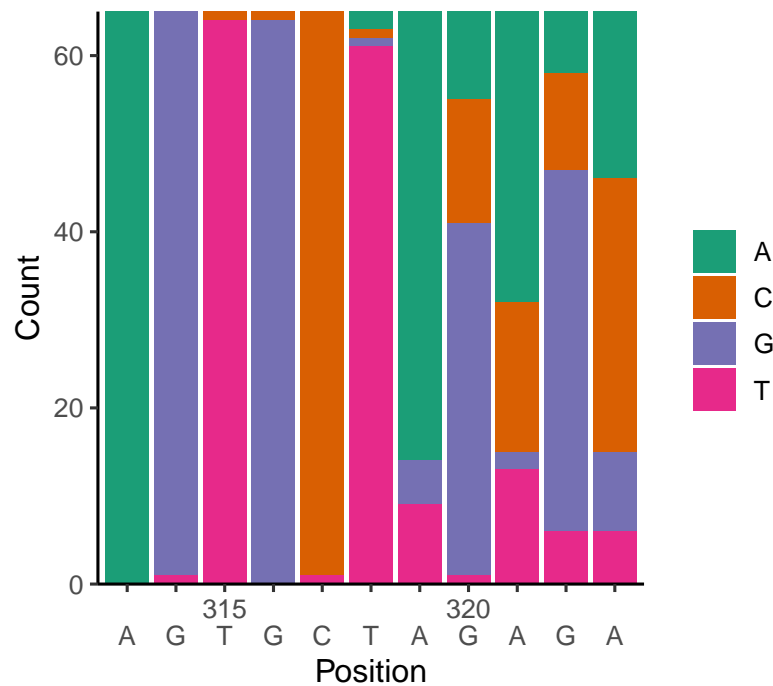
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



Gene TRBV14\*bp02\_322CAAGA326



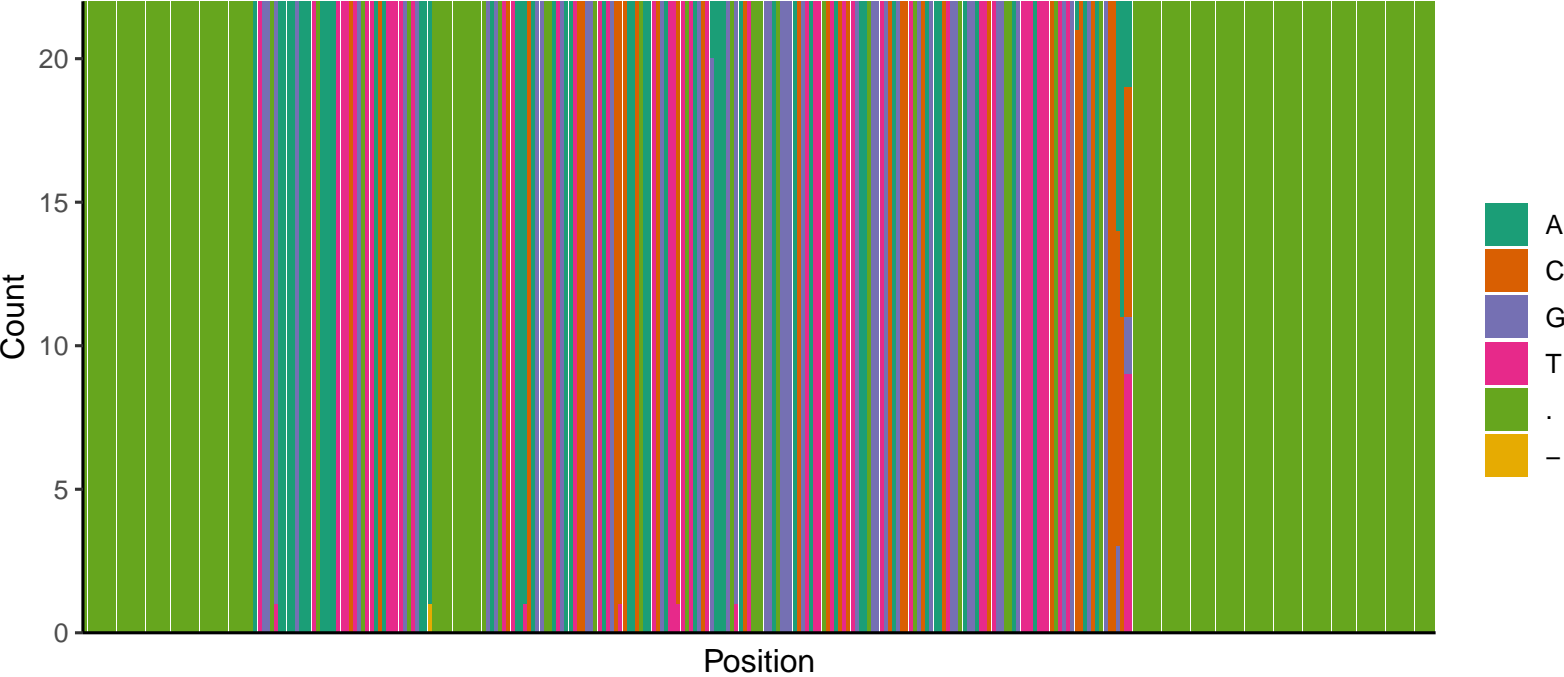
Gene TRBV20-1\*bp04\_322GA323



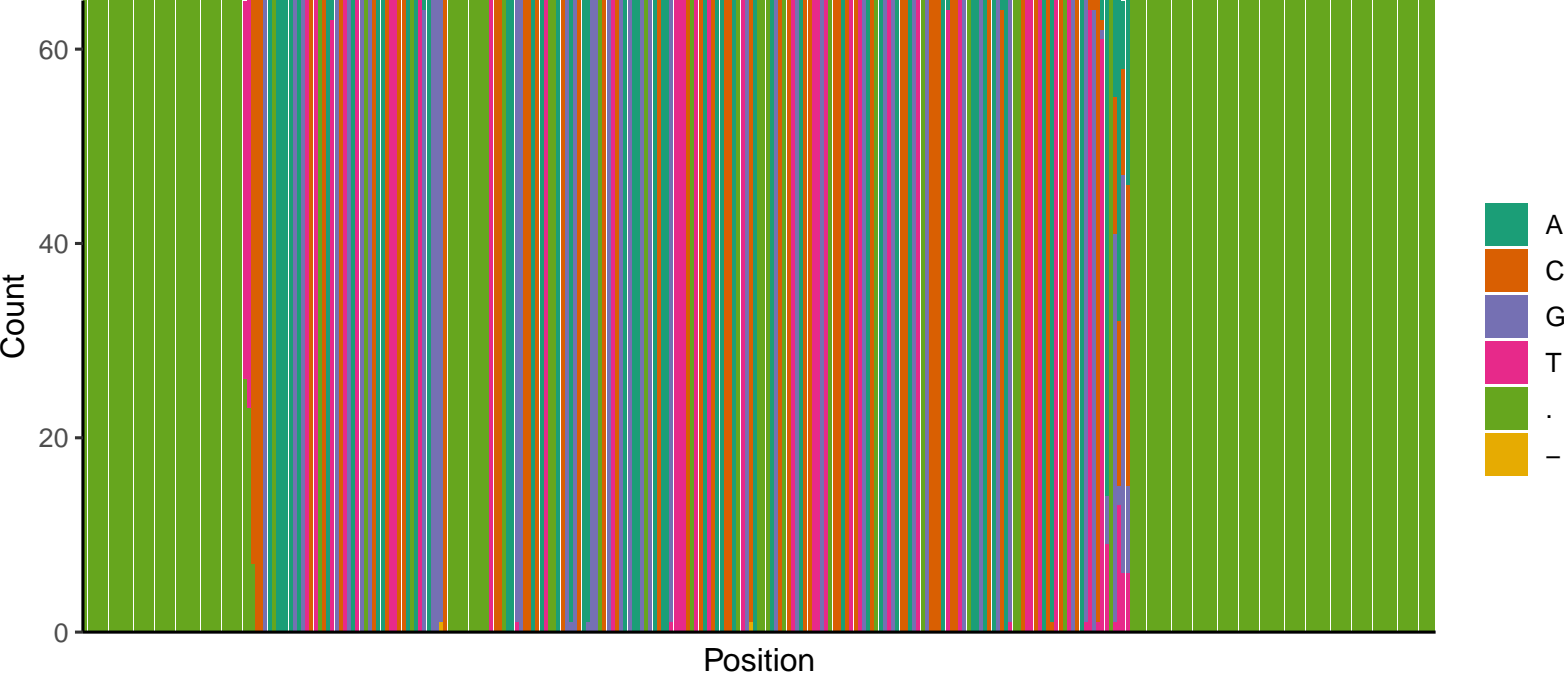
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



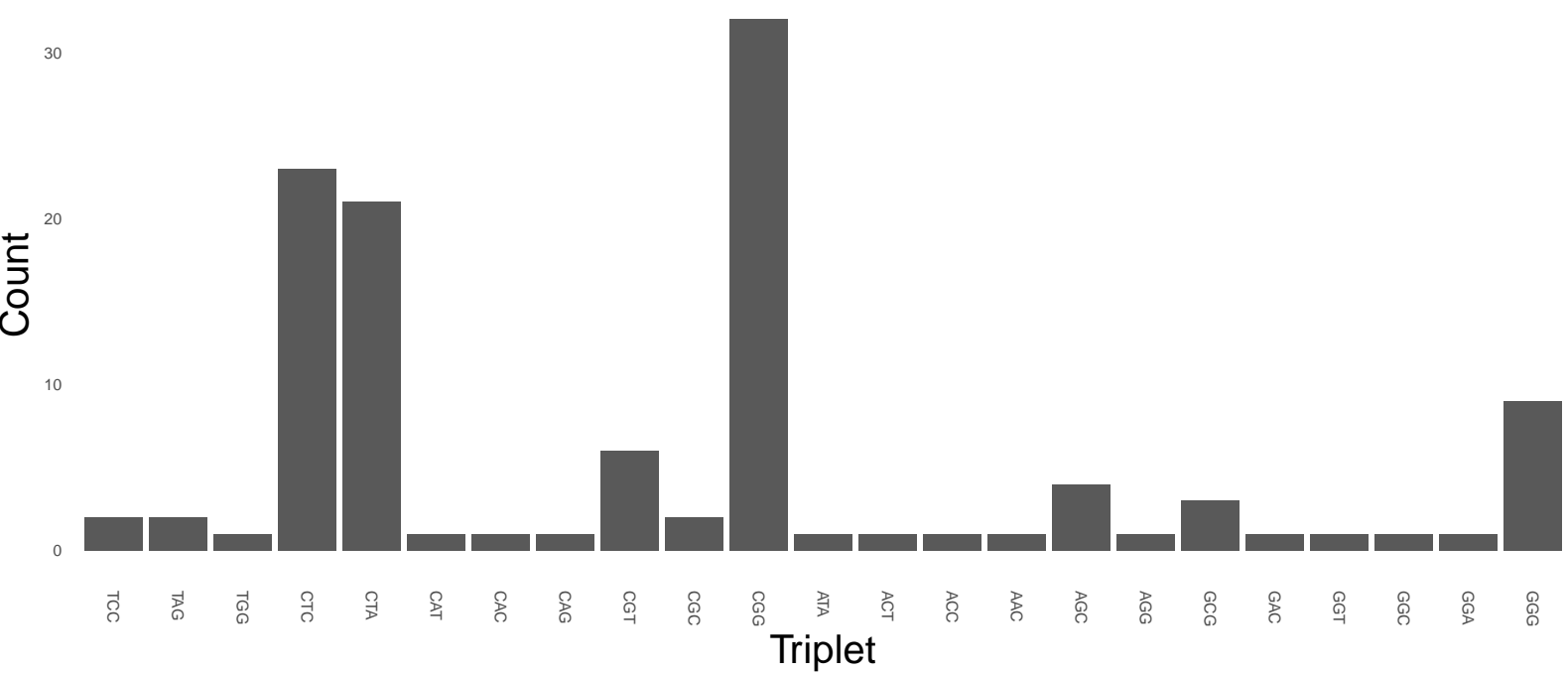
Gene TRBV14\*bp02\_322CAAGA326



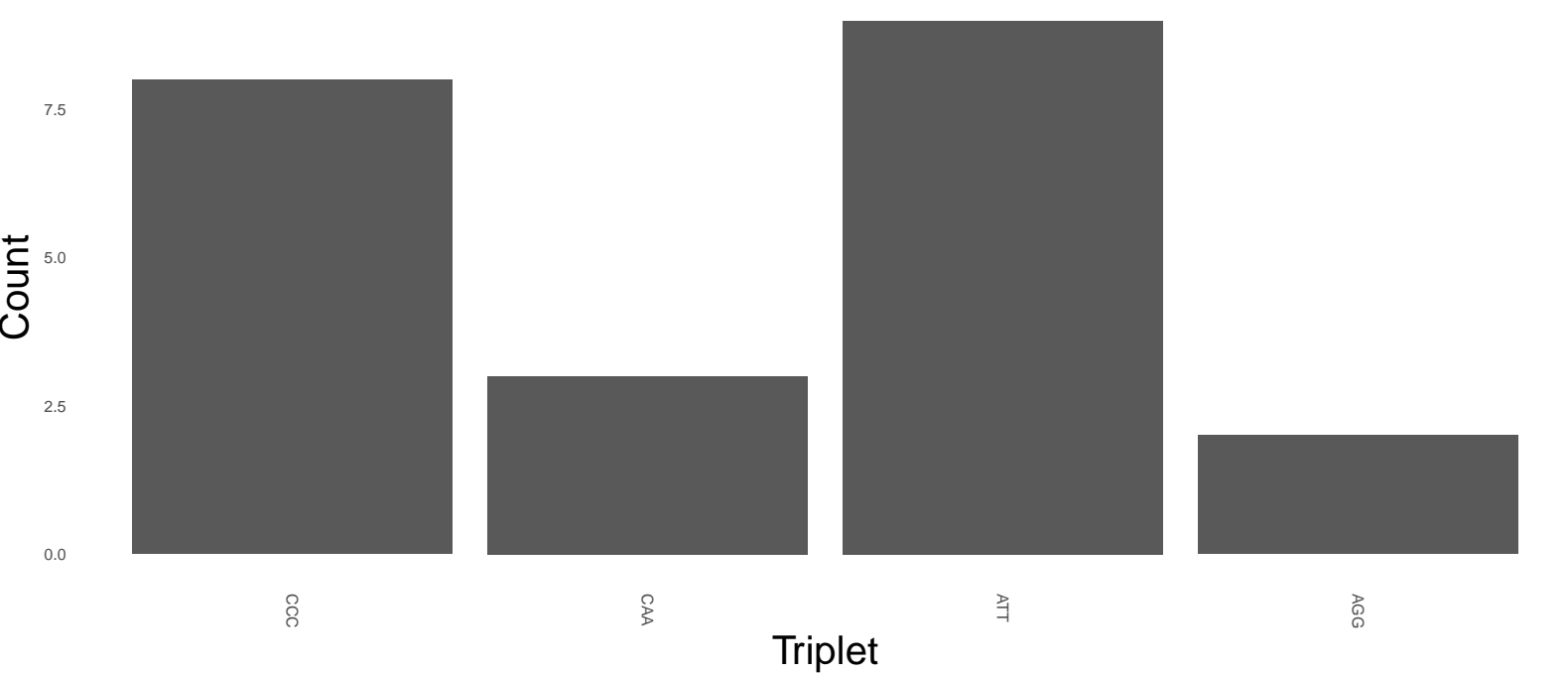
Gene TRBV20-1\*bp04\_322GA323



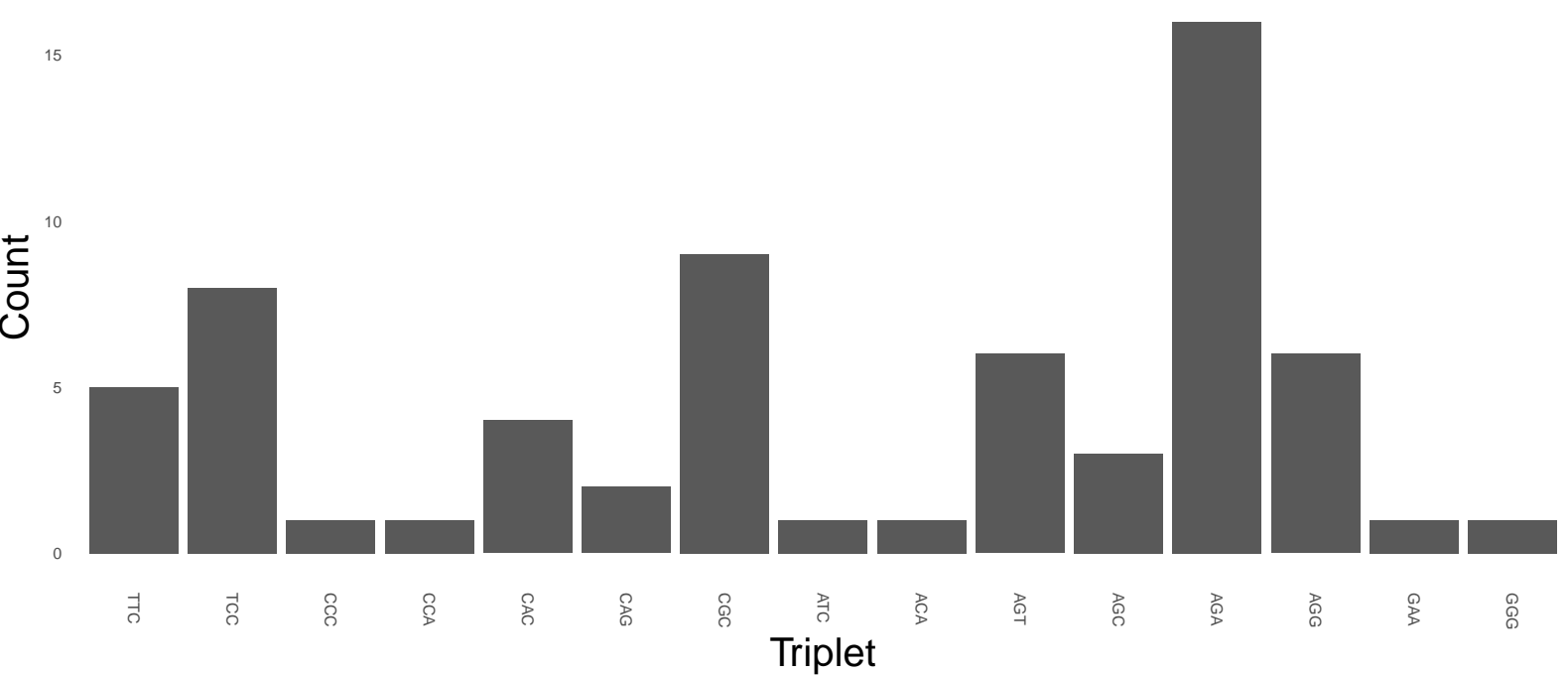
TRBV10–3\*bp02\_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



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

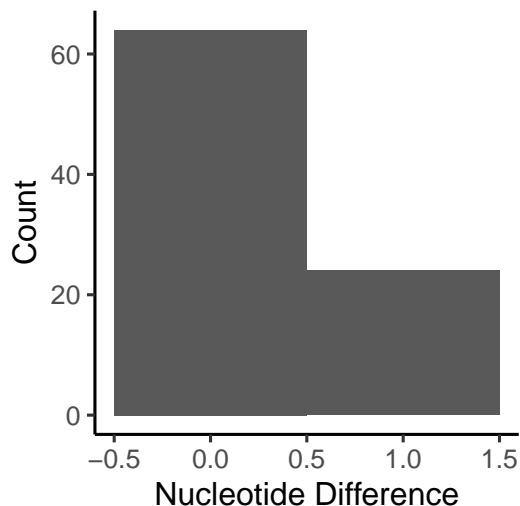


TRBV20–1\*bp04\_322GA323– Final 3 nucleotides as a triplet



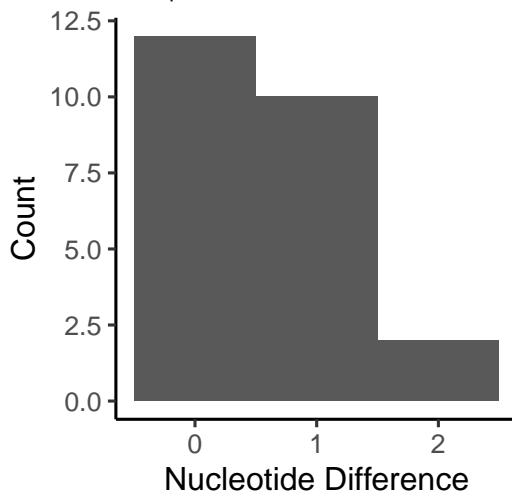
### TRBV20–1\*bp01

88 sequences assigned  
64 (72.7%) exact matches, in which:  
35 unique CDR3  
9 unique J



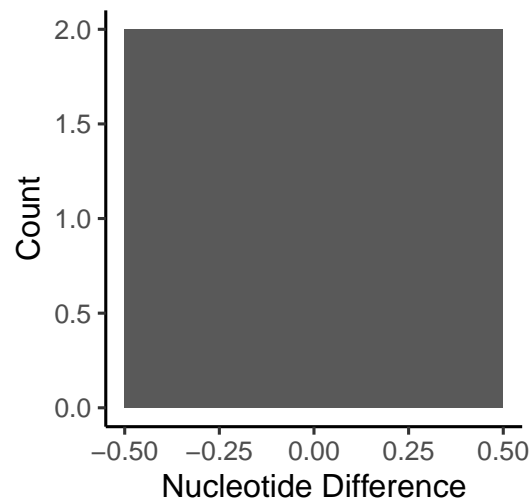
### TRBV10–2\*bp01

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



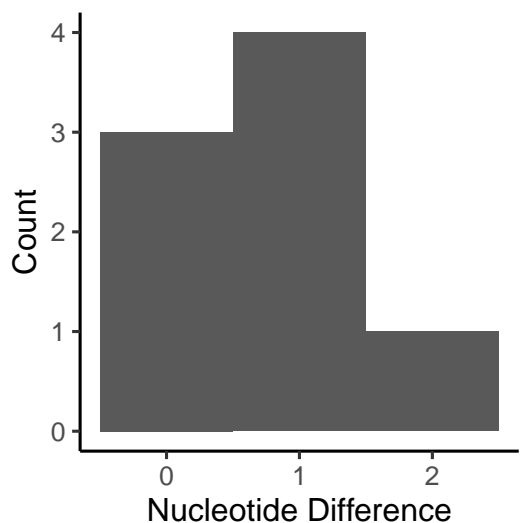
### TRBV13\*bp01

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



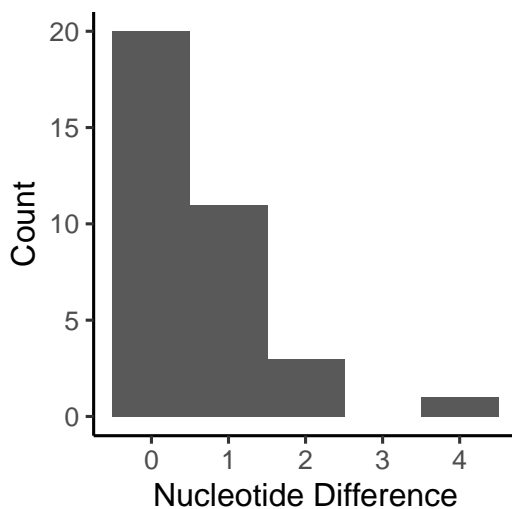
### TRBV10–1\*bp01

8 sequences assigned  
3 (37.5%) exact matches, in which:  
2 unique CDR3  
2 unique J



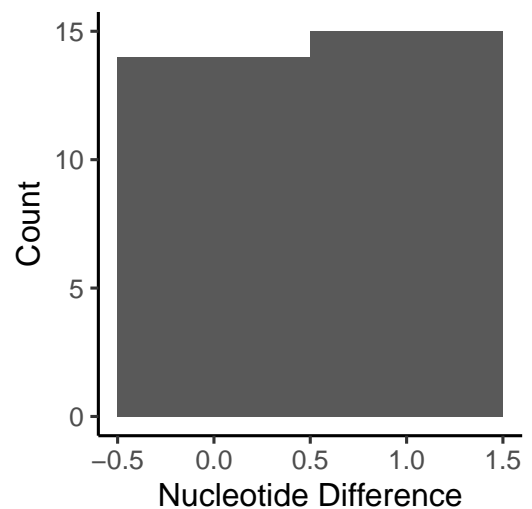
### TRBV10–3\*bp01

35 sequences assigned  
20 (57.1%) exact matches, in which:  
17 unique CDR3  
7 unique J



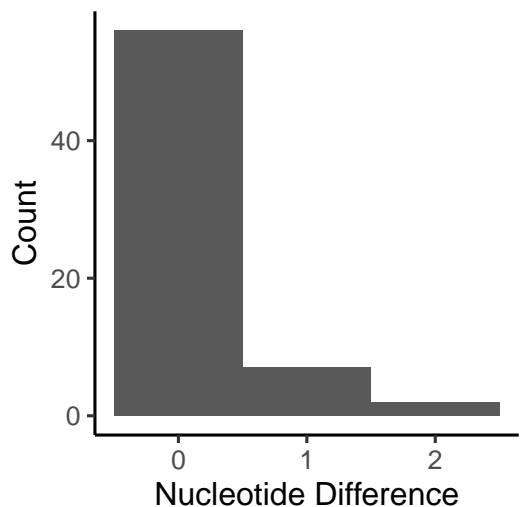
### TRBV14\*bp01

29 sequences assigned  
14 (48.3%) exact matches, in which:  
11 unique CDR3  
5 unique J



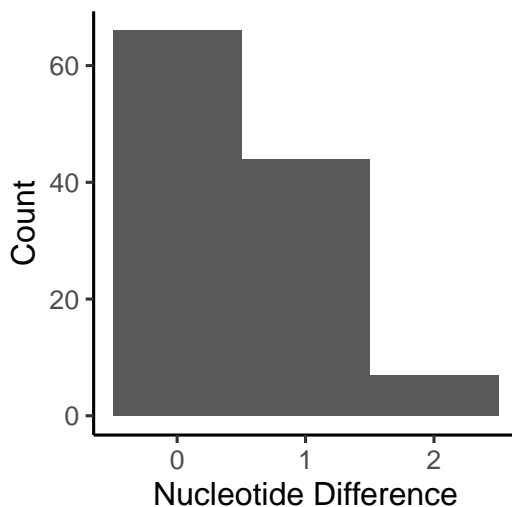
### TRBV20–1\*bp04\_322GA3

65 sequences assigned  
56 (86.2%) exact matches, in which:  
26 unique CDR3  
9 unique J



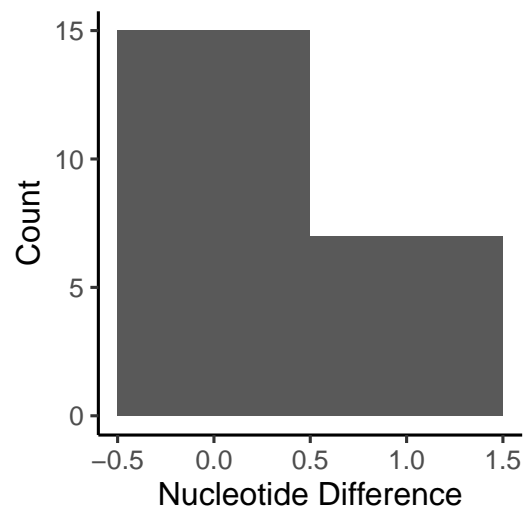
### TRBV10–3\*bp02\_313GCC

117 sequences assigned  
66 (56.4%) exact matches, in which:  
50 unique CDR3  
13 unique J



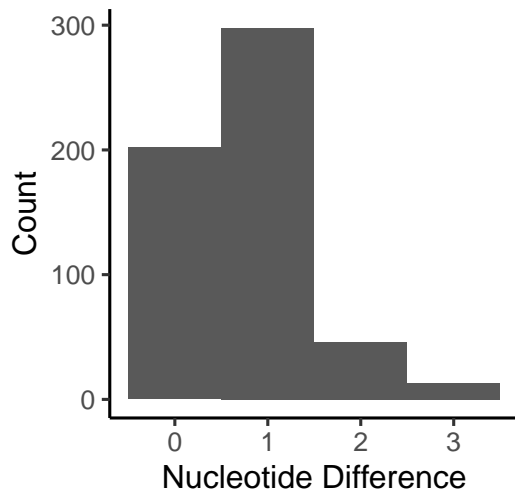
### TRBV14\*bp02\_322CAAGA

22 sequences assigned  
15 (68.2%) exact matches, in which:  
11 unique CDR3  
4 unique J



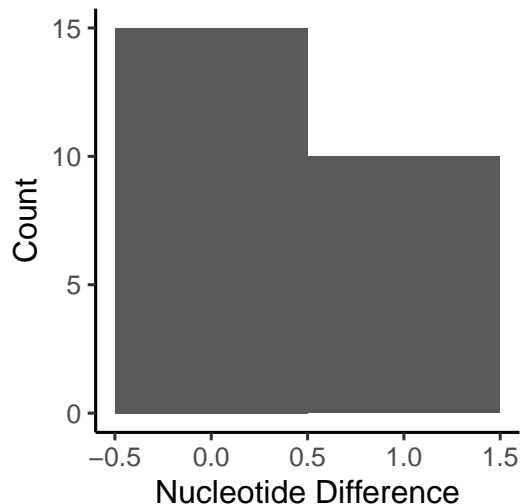
### TRBV15\*bp02

559 sequences assigned  
202 (36.1%) exact matches, in which:  
105 unique CDR3  
9 unique J



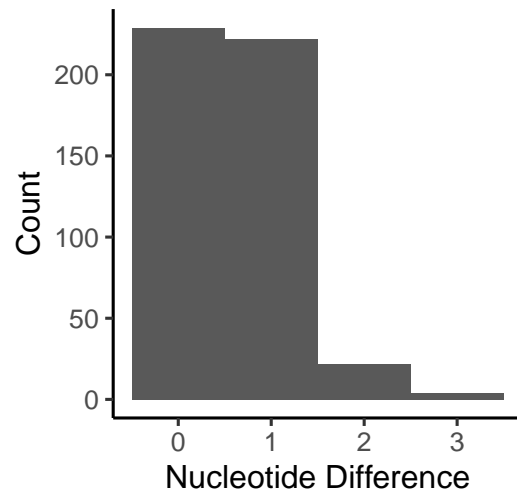
### TRBV2\*bp01

25 sequences assigned  
15 (60%) exact matches, in which:  
12 unique CDR3  
6 unique J



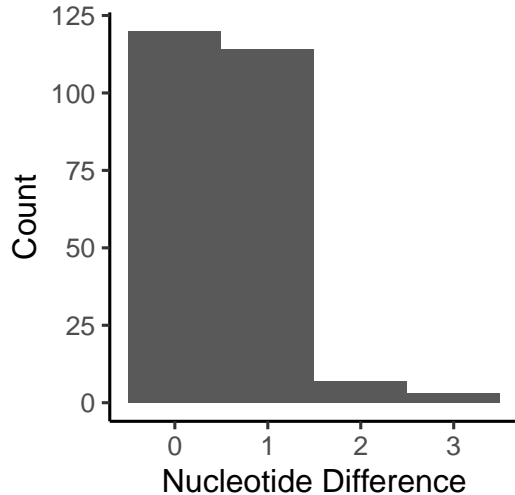
### TRBV30\*bp01

477 sequences assigned  
229 (48%) exact matches, in which:  
105 unique CDR3  
11 unique J



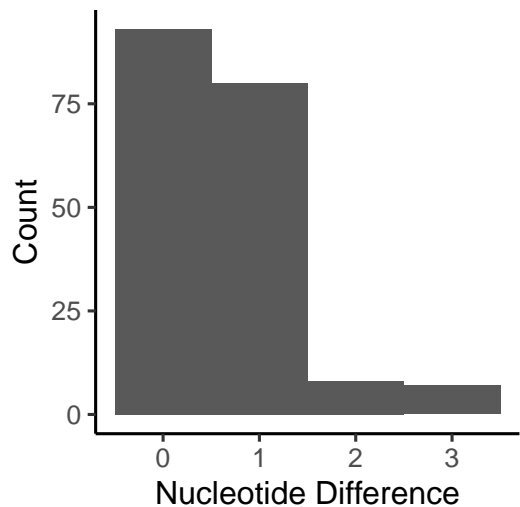
### TRBV18\*bp01

244 sequences assigned  
120 (49.2%) exact matches, in which:  
62 unique CDR3  
9 unique J



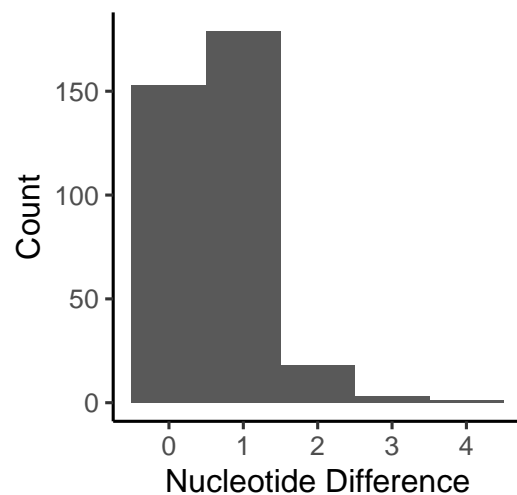
### TRBV27\*bp01

188 sequences assigned  
93 (49.5%) exact matches, in which:  
61 unique CDR3  
9 unique J



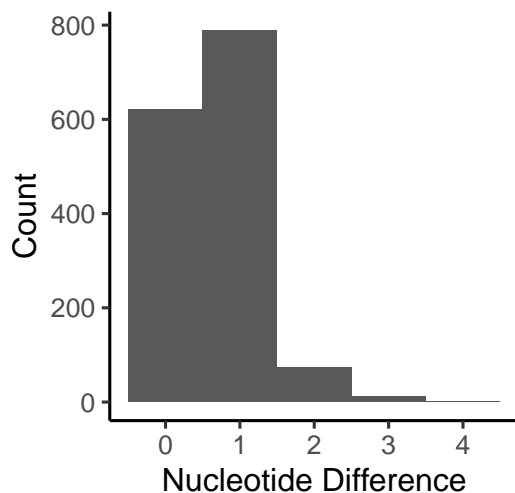
### TRBV30\*bp02

354 sequences assigned  
153 (43.2%) exact matches, in which:  
70 unique CDR3  
10 unique J



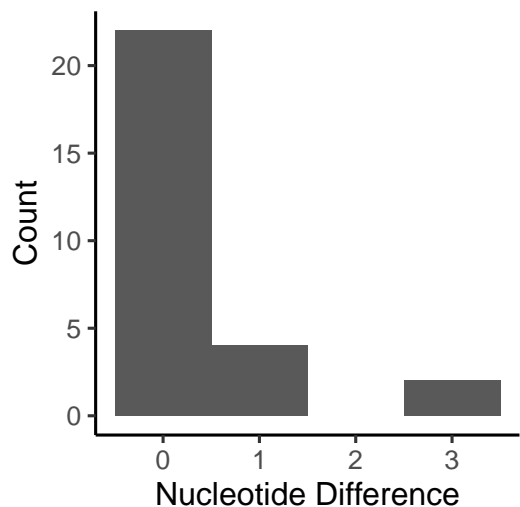
### TRBV19\*bp01

1496 sequences assigned  
620 (41.4%) exact matches, in which:  
307 unique CDR3  
12 unique J



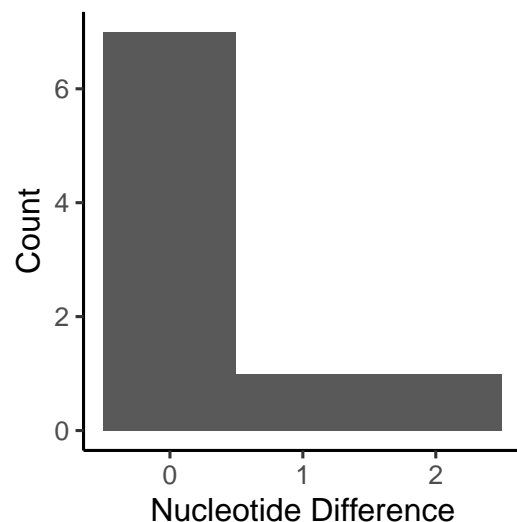
### TRBV28\*bp01

28 sequences assigned  
22 (78.6%) exact matches, in which:  
17 unique CDR3  
6 unique J



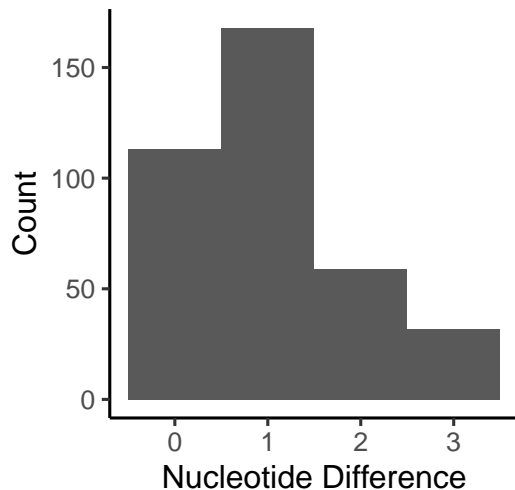
### TRBV9\*bp01

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



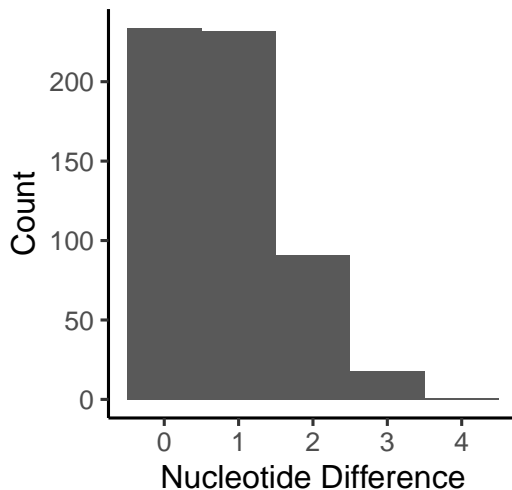
### TRBV11–1\*bp01

372 sequences assigned  
113 (30.4%) exact matches, in which:  
68 unique CDR3  
11 unique J



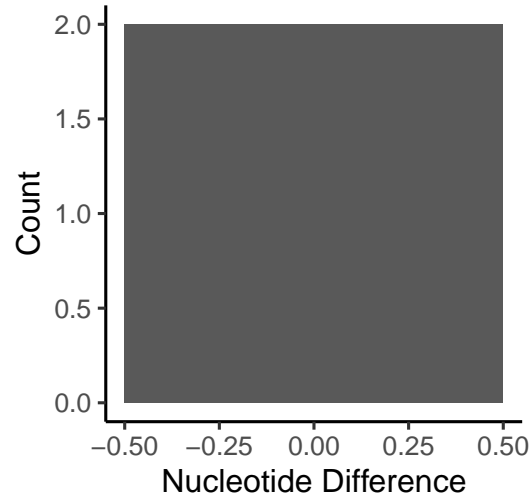
### TRBV11–3\*bp01

576 sequences assigned  
234 (40.6%) exact matches, in which:  
117 unique CDR3  
13 unique J



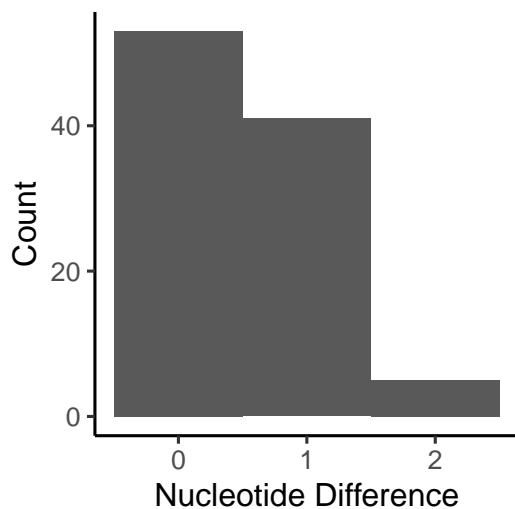
### TRBV23–1\*bp01

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



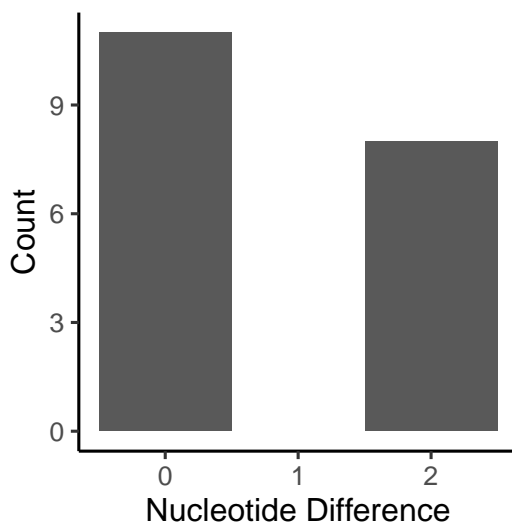
### TRBV21–1\*bp01

99 sequences assigned  
53 (53.5%) exact matches, in which:  
41 unique CDR3  
10 unique J



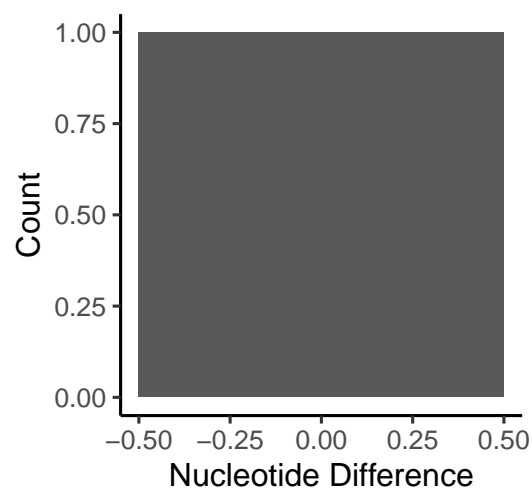
### TRBV12–5\*bp01

19 sequences assigned  
11 (57.9%) exact matches, in which:  
7 unique CDR3  
5 unique J



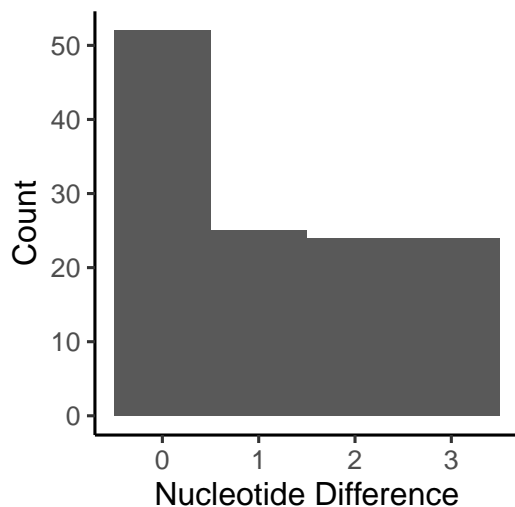
### TRBV3–1\*bp01

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



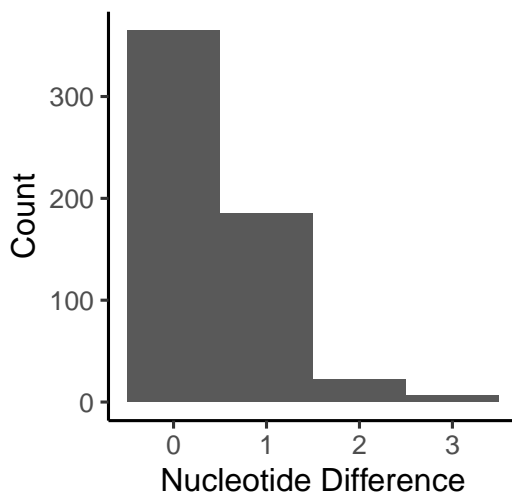
### TRBV11–2\*bp01

125 sequences assigned  
52 (41.6%) exact matches, in which:  
32 unique CDR3  
9 unique J



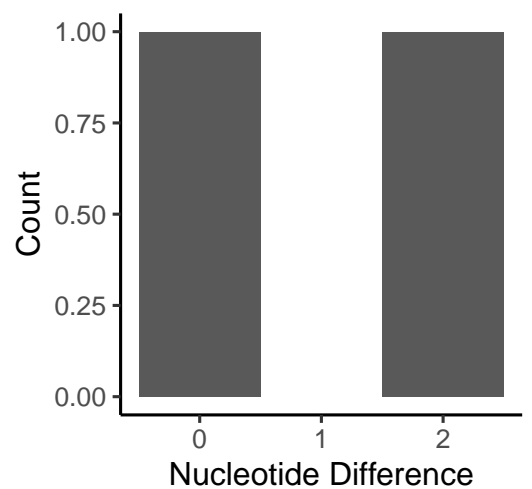
### TRBV12–34\*bp01

578 sequences assigned  
365 (63.1%) exact matches, in which:  
154 unique CDR3  
14 unique J



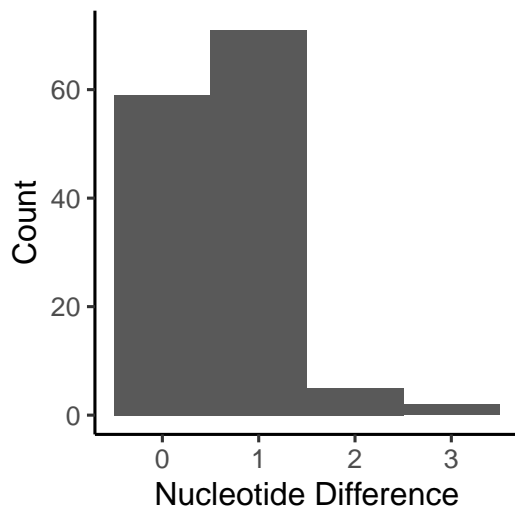
### TRBV3–2\*bp01

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



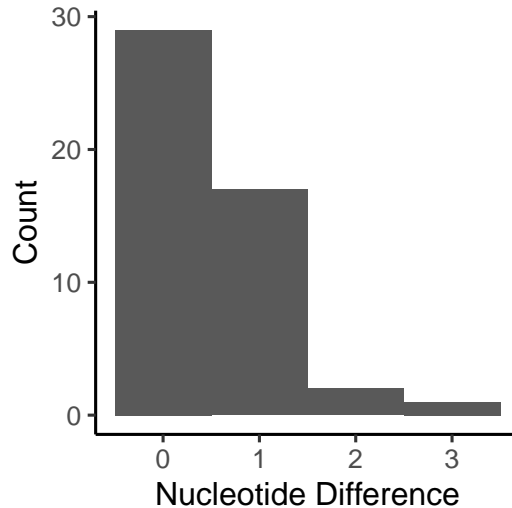
### TRBV24–1\*bp01

137 sequences assigned  
59 (43.1%) exact matches, in which:  
33 unique CDR3  
6 unique J



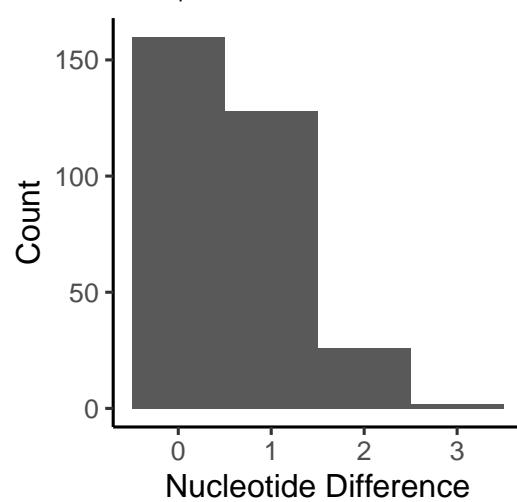
### TRBV4–3\*bp01

49 sequences assigned  
29 (59.2%) exact matches, in which:  
19 unique CDR3  
8 unique J



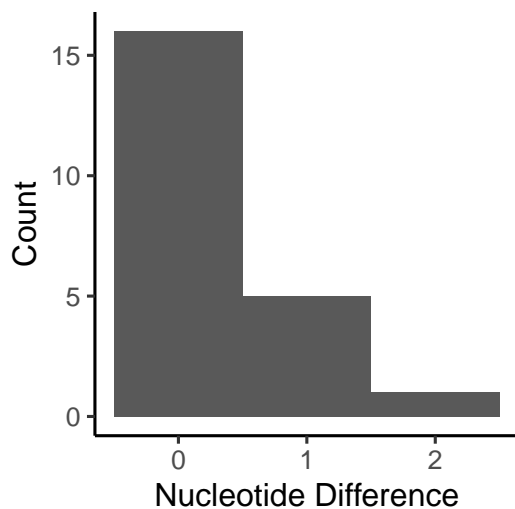
### TRBV5–4\*bp01

316 sequences assigned  
160 (50.6%) exact matches, in which:  
81 unique CDR3  
14 unique J



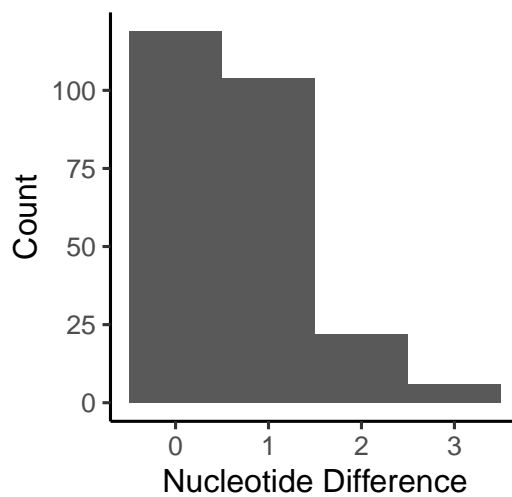
### TRBV4–1\*bp01

22 sequences assigned  
16 (72.7%) exact matches, in which:  
9 unique CDR3  
5 unique J



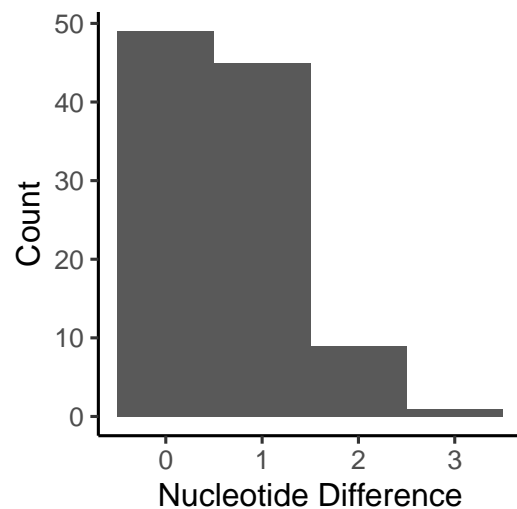
### TRBV5–1\*bp01

251 sequences assigned  
119 (47.4%) exact matches, in which:  
55 unique CDR3  
11 unique J



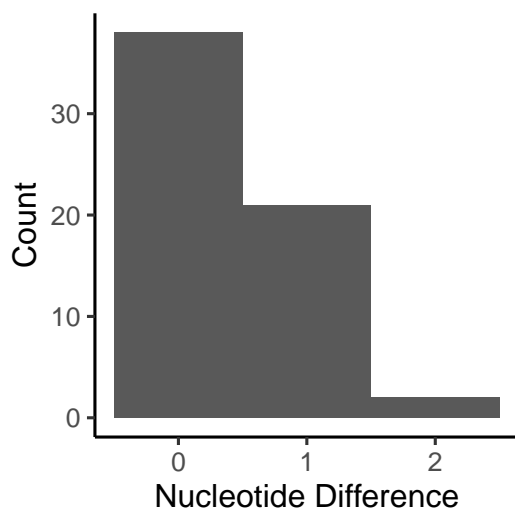
### TRBV5–5\*bp01

104 sequences assigned  
49 (47.1%) exact matches, in which:  
28 unique CDR3  
8 unique J



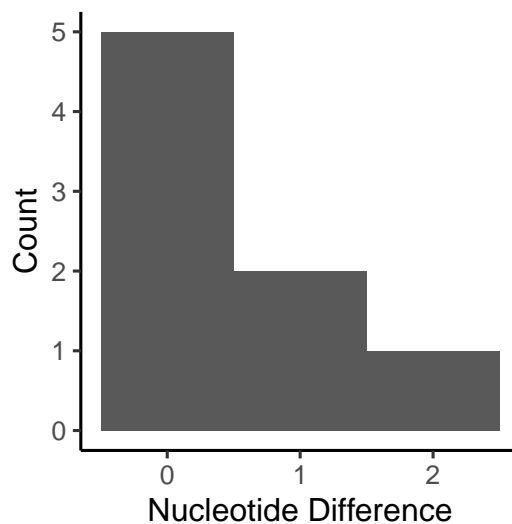
### TRBV4–2\*bp01

61 sequences assigned  
38 (62.3%) exact matches, in which:  
28 unique CDR3  
10 unique J



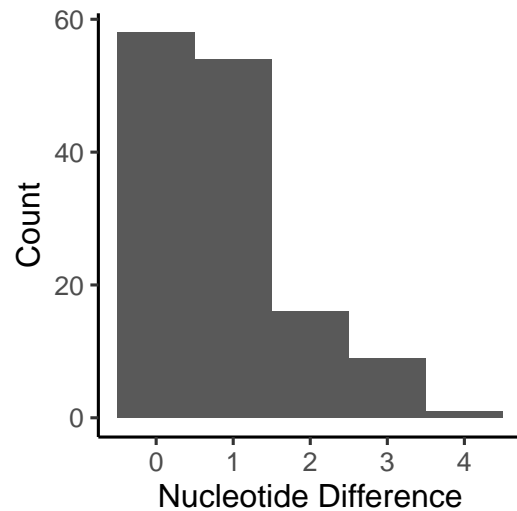
### TRBV25–1\*bp01

8 sequences assigned  
5 (62.5%) exact matches, in which:  
3 unique CDR3  
2 unique J



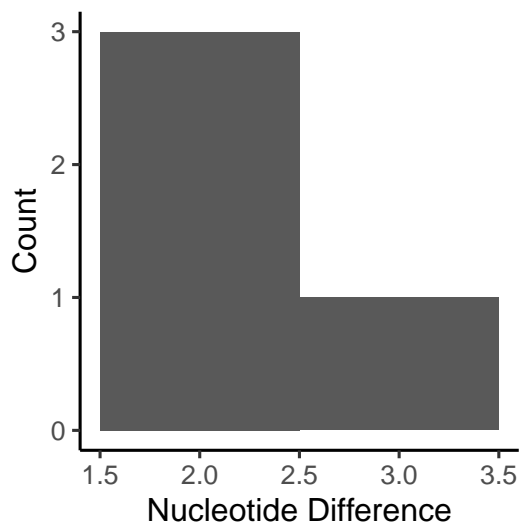
### TRBV5–6\*bp01

138 sequences assigned  
58 (42%) exact matches, in which:  
32 unique CDR3  
8 unique J



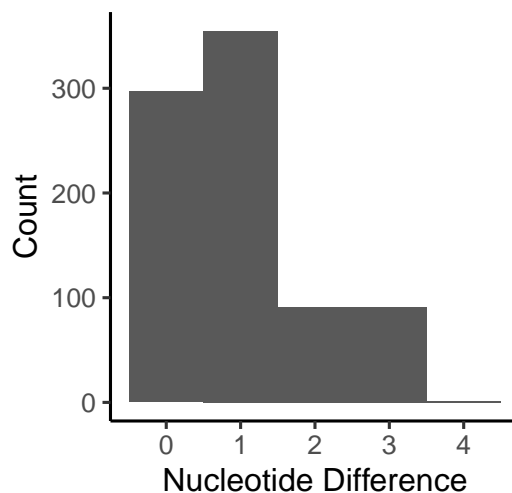
### TRBV5-7\*bp01

4 sequences assigned  
No exact matches.



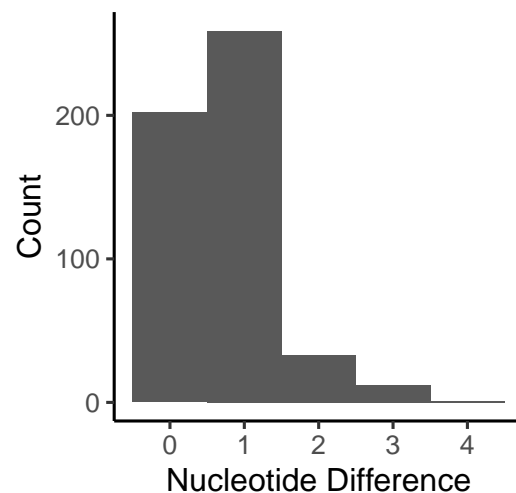
### TRBV6-5\*bp01

835 sequences assigned  
297 (35.6%) exact matches, in which:  
191 unique CDR3  
13 unique J



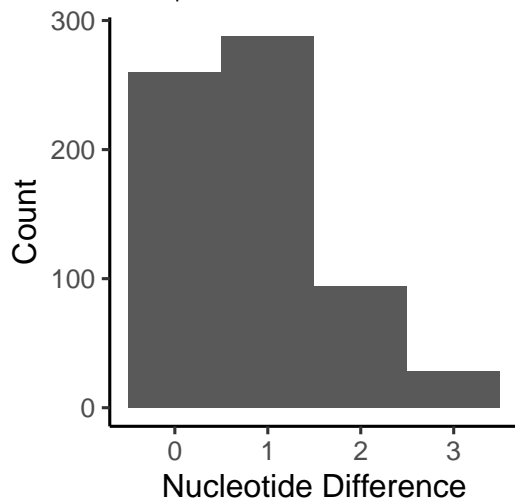
### TRBV6-23\*bp01

507 sequences assigned  
202 (39.8%) exact matches, in which:  
125 unique CDR3  
13 unique J



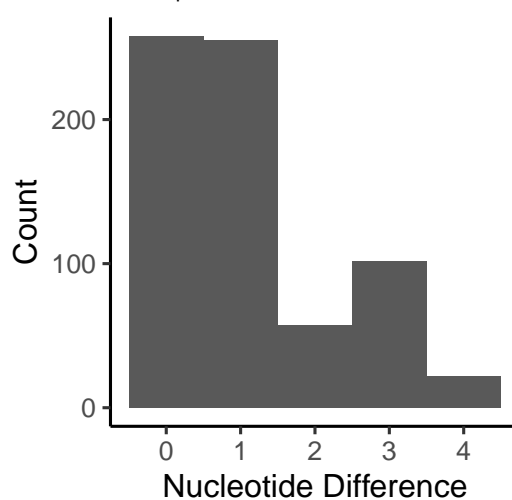
### TRBV6-1\*bp01

670 sequences assigned  
260 (38.8%) exact matches, in which:  
166 unique CDR3  
13 unique J



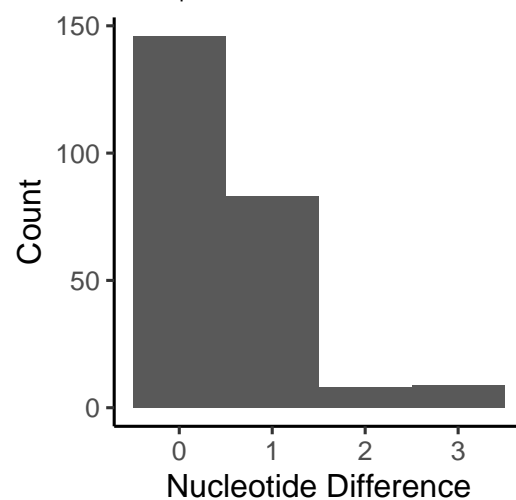
### TRBV6-6\*bp01

694 sequences assigned  
258 (37.2%) exact matches, in which:  
170 unique CDR3  
13 unique J



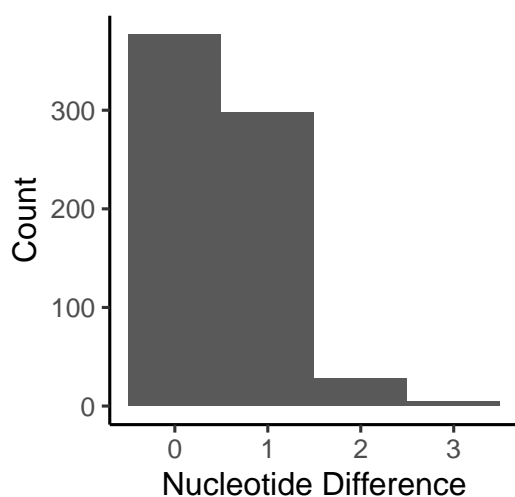
### TRBV7-2\*bp01

246 sequences assigned  
146 (59.3%) exact matches, in which:  
64 unique CDR3  
11 unique J



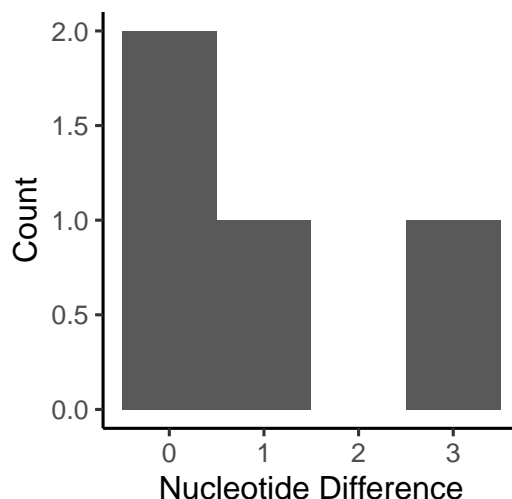
### TRBV6-4\*bp01

708 sequences assigned  
377 (53.2%) exact matches, in which:  
187 unique CDR3  
14 unique J



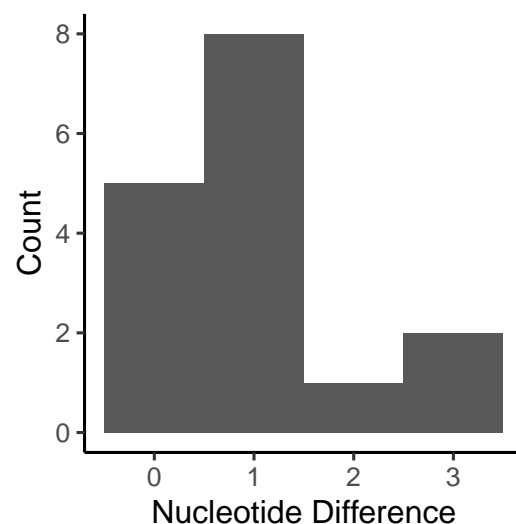
### TRBV6-7\*bp01

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



### TRBV7-3\*bp01

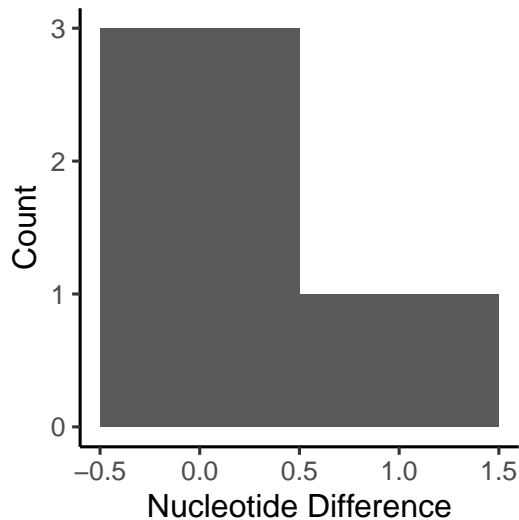
16 sequences assigned  
5 (31.2%) exact matches, in which:  
5 unique CDR3  
3 unique J





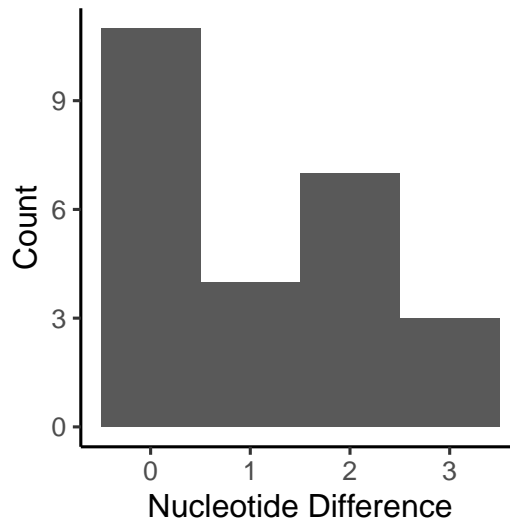
### TRBV7-3\*bp02

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



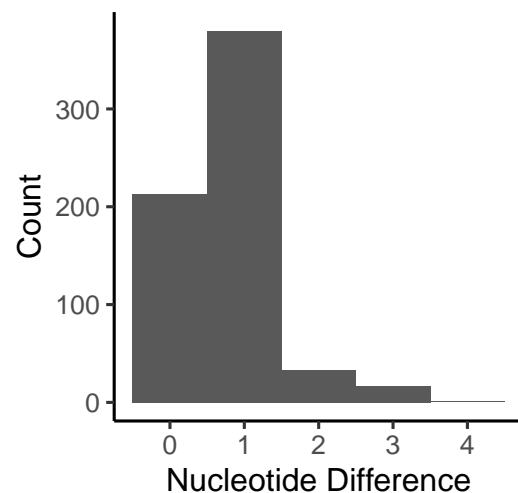
### TRBV7-7\*bp01

25 sequences assigned  
11 (44%) exact matches, in which:  
4 unique CDR3  
2 unique J



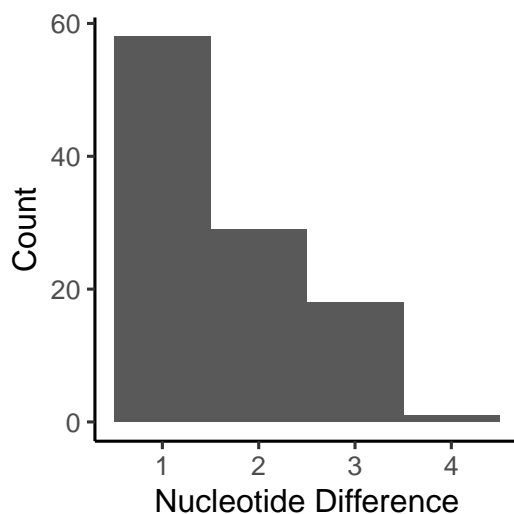
### TRBV29-1\*bp03

644 sequences assigned  
213 (33.1%) exact matches, in which:  
113 unique CDR3  
10 unique J



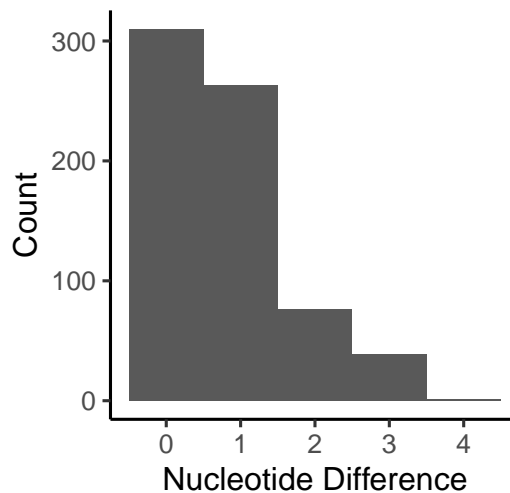
### TRBV7-4\*bp01

106 sequences assigned  
No exact matches.



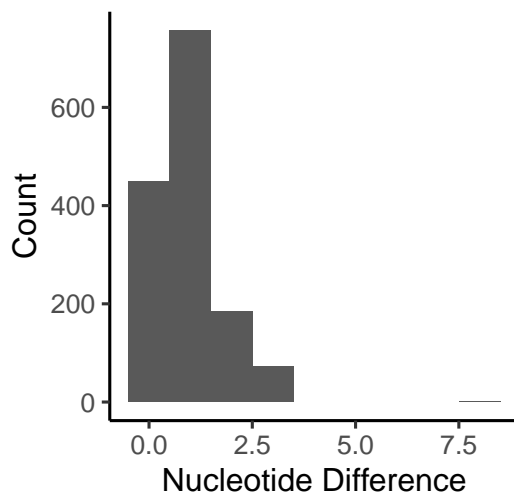
### TRBV7-9\*bp01

689 sequences assigned  
310 (45%) exact matches, in which:  
147 unique CDR3  
14 unique J



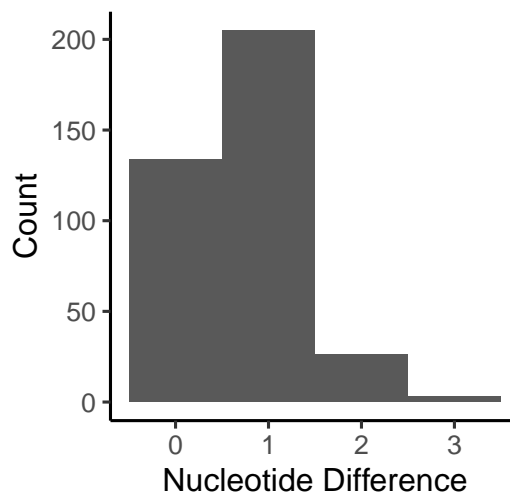
### TRBV7-6\*bp01

1465 sequences assigned  
449 (30.6%) exact matches, in which:  
191 unique CDR3  
13 unique J

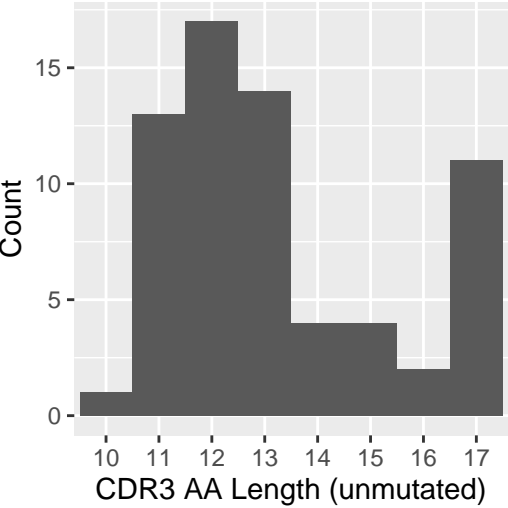


### TRBV29-1\*bp01

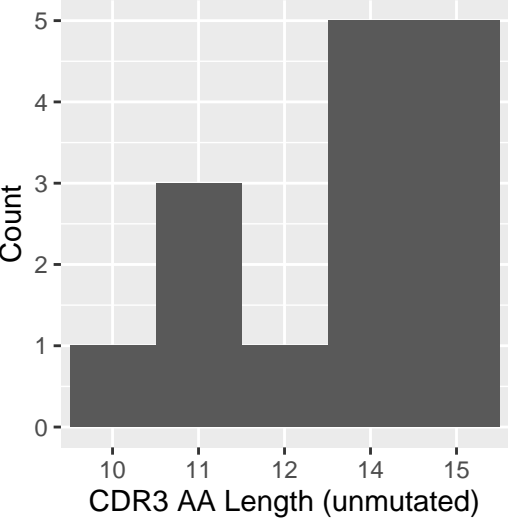
368 sequences assigned  
134 (36.4%) exact matches, in which:  
79 unique CDR3  
10 unique J



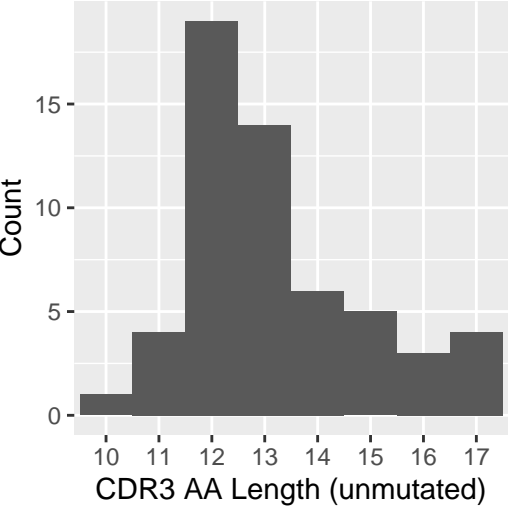
TRBV10-3\*bp02\_313GCCATCAGTGAGTC326



TRBV14\*bp02\_322CAAGA326



TRBV20-1\*bp04\_322GA323



Allele Usage

