

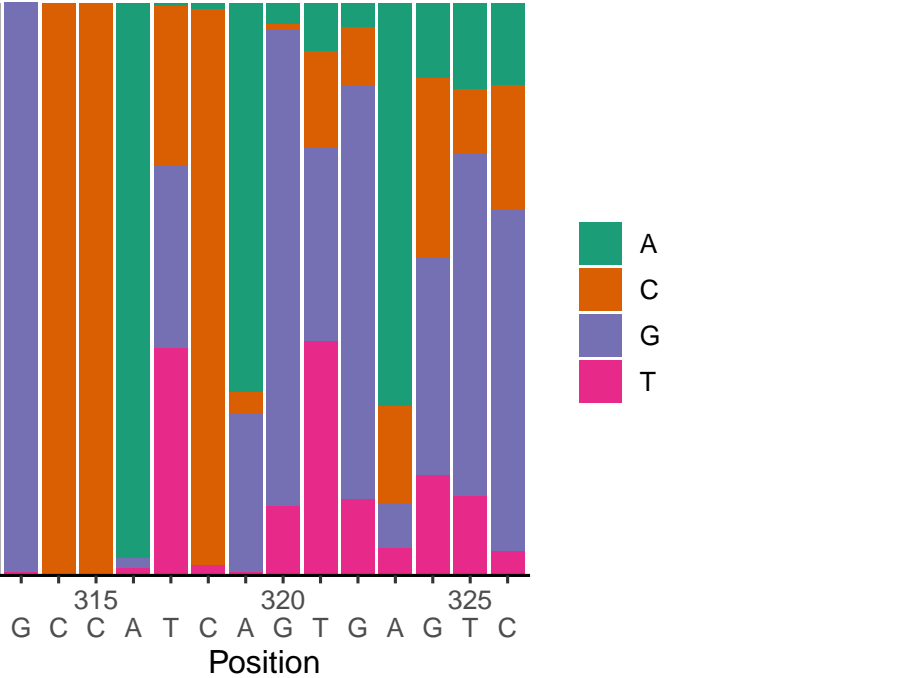
Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326

Count

- A
- C
- G
- T

160  
120  
80  
40  
0

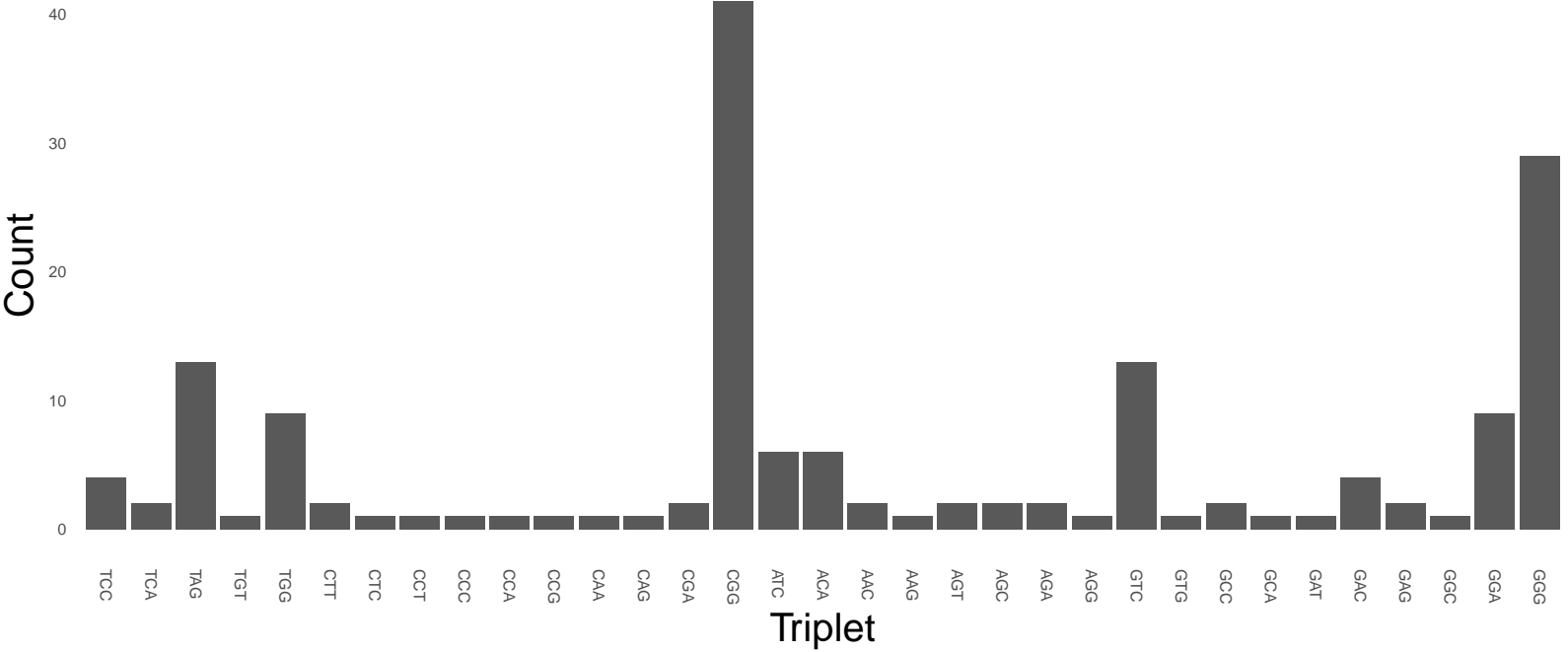
315 320 325  
G C C A T C A G T G A G T C  
Position



Gene TRBV10-3\*bp02\_313GCCATCAGTGAGTC326

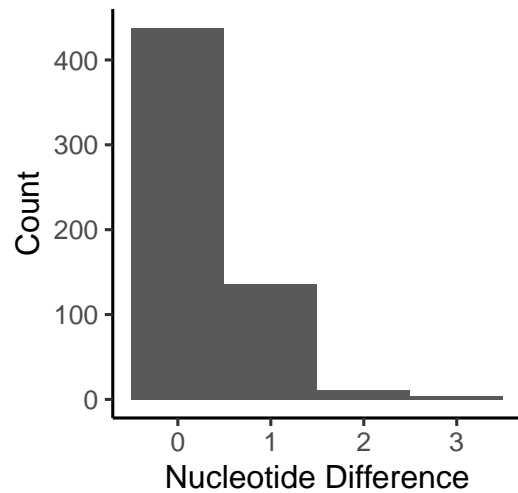


TRBV10-3\*bp02\_313GCCATCAGTGAGTC326- Final 3 nucleotides as a triplet



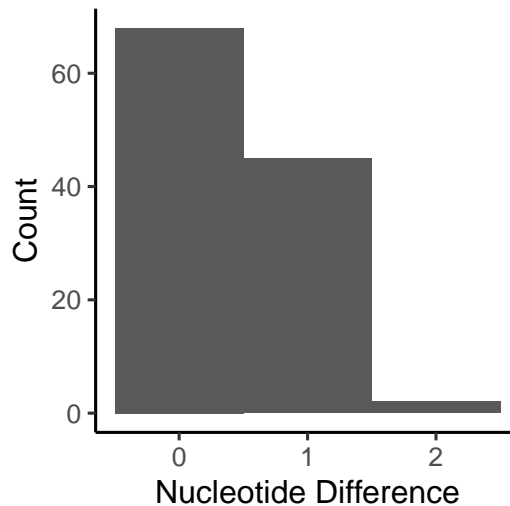
### TRBV20–1\*bp01

589 sequences assigned  
438 (74.4%) exact matches, in which:  
265 unique CDR3  
14 unique J



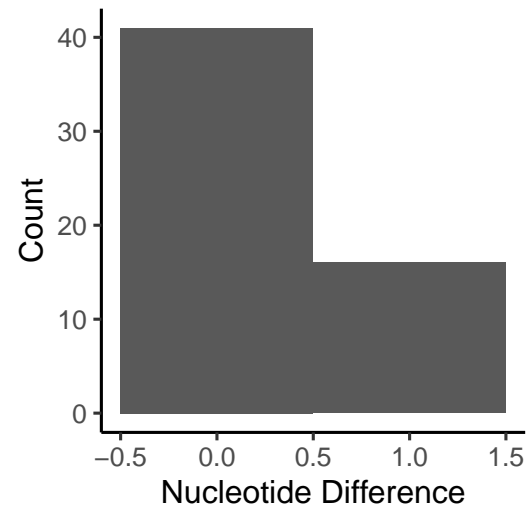
### TRBV10–3\*bp01

115 sequences assigned  
68 (59.1%) exact matches, in which:  
54 unique CDR3  
11 unique J



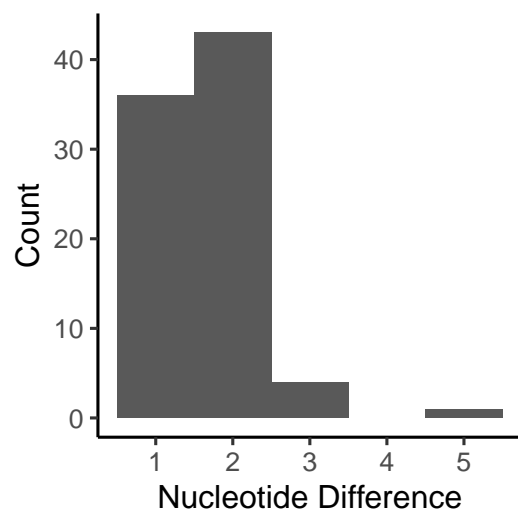
### TRBV14\*bp01

57 sequences assigned  
41 (71.9%) exact matches, in which:  
33 unique CDR3  
9 unique J



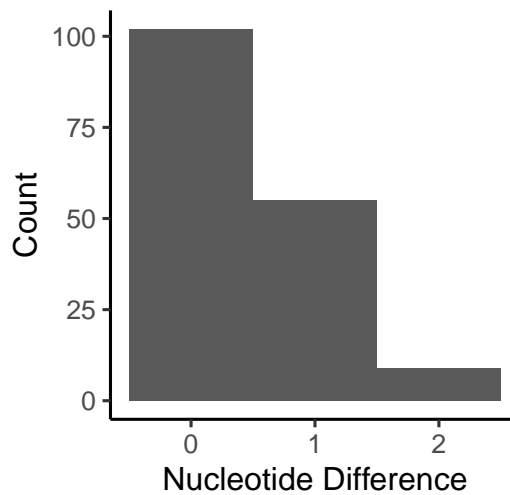
### TRBV10–1\*bp02

84 sequences assigned  
No exact matches.



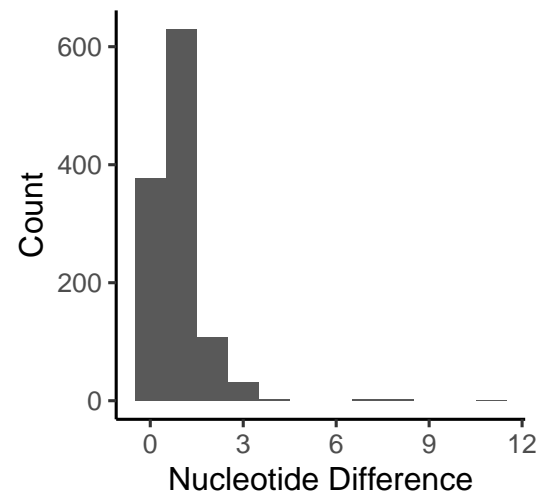
### TRBV10–3\*bp02\_313GC

166 sequences assigned  
102 (61.4%) exact matches, in which:  
73 unique CDR3  
11 unique J



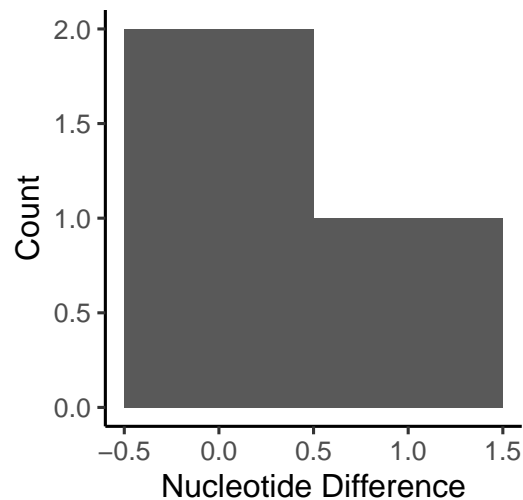
### TRBV15\*bp02

1154 sequences assigned  
377 (32.7%) exact matches, in which:  
198 unique CDR3  
12 unique J



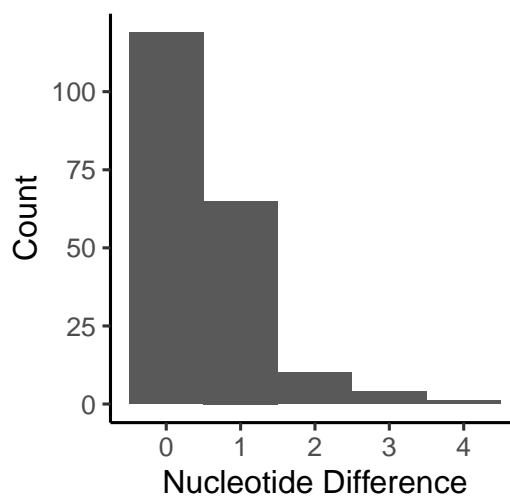
### TRBV10–2\*bp01

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



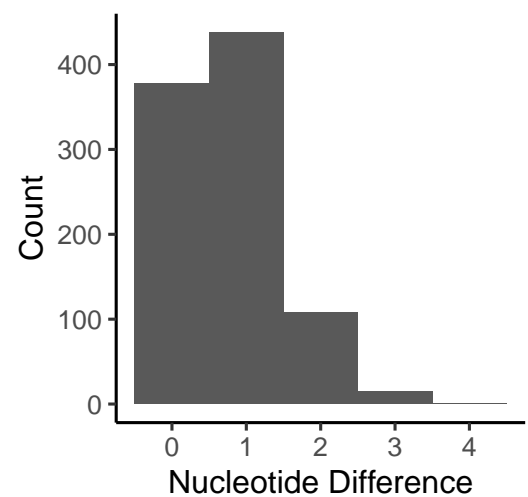
### TRBV13\*bp01

199 sequences assigned  
119 (59.8%) exact matches, in which:  
85 unique CDR3  
11 unique J



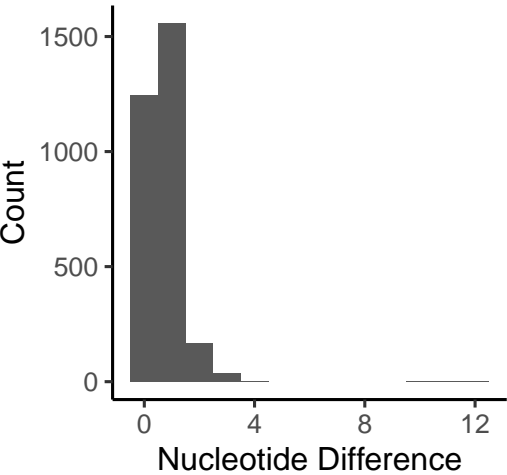
### TRBV18\*bp01

940 sequences assigned  
378 (40.2%) exact matches, in which:  
232 unique CDR3  
14 unique J



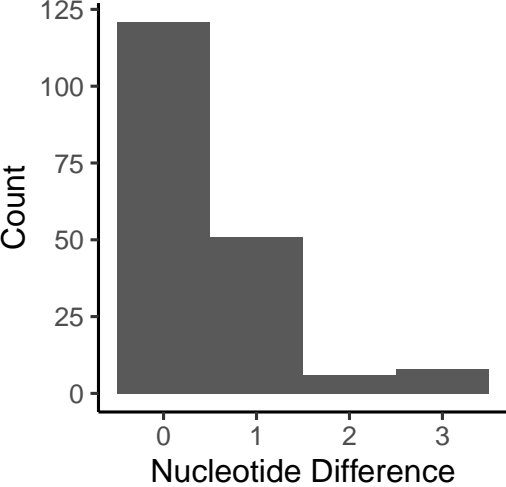
TRBV19\*bp01

3017 sequences assigned  
1245 (41.3%) exact matches, in which:  
712 unique CDR3  
14 unique J



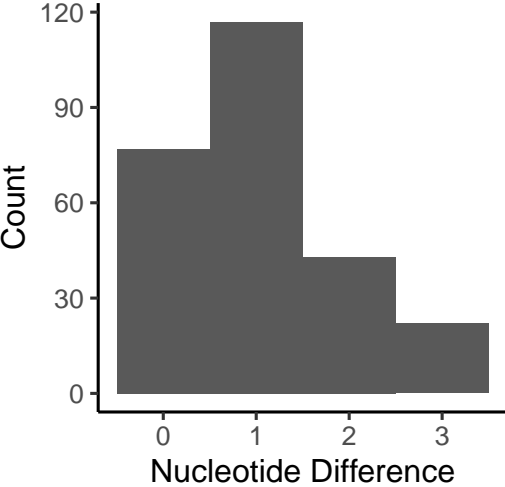
TRBV28\*bp01

186 sequences assigned  
121 (65.1%) exact matches, in which:  
100 unique CDR3  
13 unique J



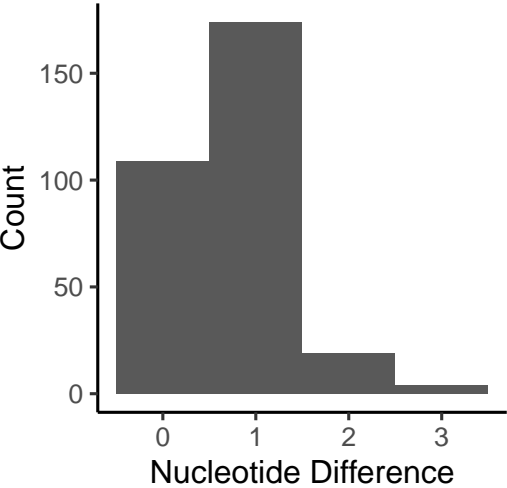
TRBV11-1\*bp01

259 sequences assigned  
77 (29.7%) exact matches, in which:  
58 unique CDR3  
12 unique J



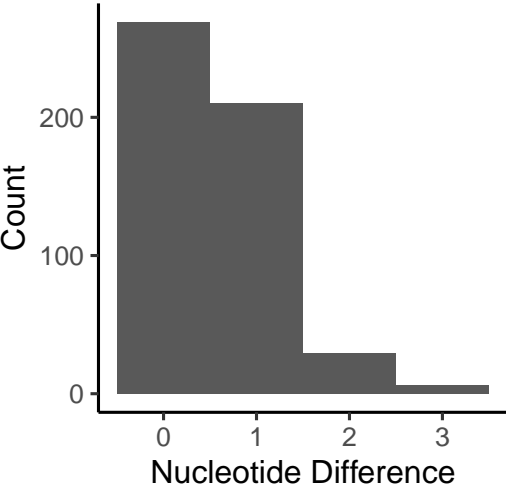
TRBV2\*bp01

306 sequences assigned  
109 (35.6%) exact matches, in which:  
78 unique CDR3  
12 unique J



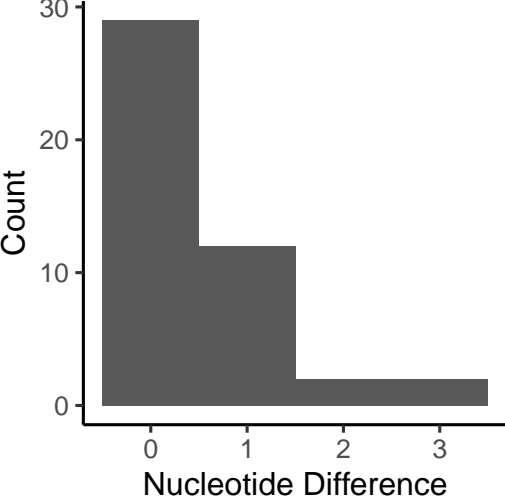
TRBV30\*bp01

514 sequences assigned  
269 (52.3%) exact matches, in which:  
122 unique CDR3  
14 unique J



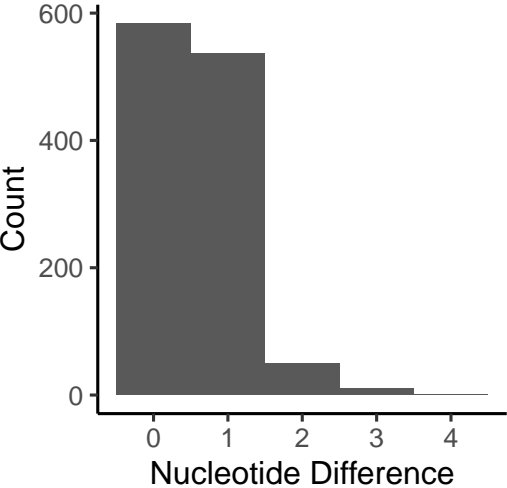
TRBV21-1\*bp01

45 sequences assigned  
29 (64.4%) exact matches, in which:  
23 unique CDR3  
11 unique J



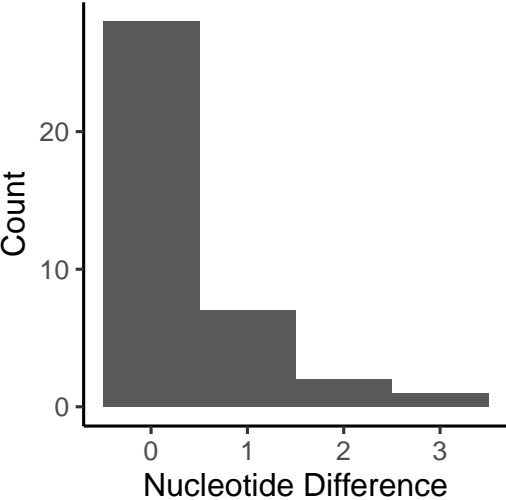
TRBV27\*bp01

1182 sequences assigned  
584 (49.4%) exact matches, in which:  
389 unique CDR3  
14 unique J



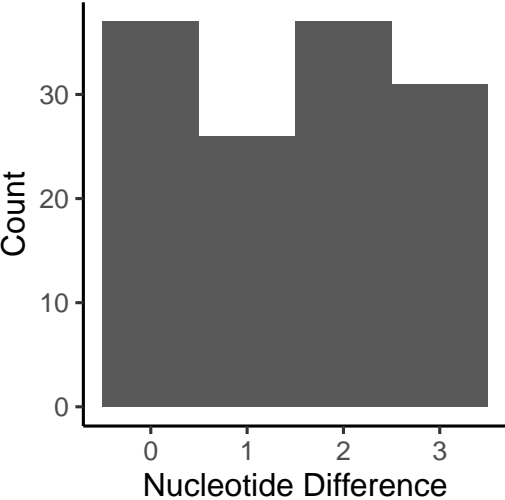
TRBV9\*bp01

38 sequences assigned  
28 (73.7%) exact matches, in which:  
18 unique CDR3  
7 unique J



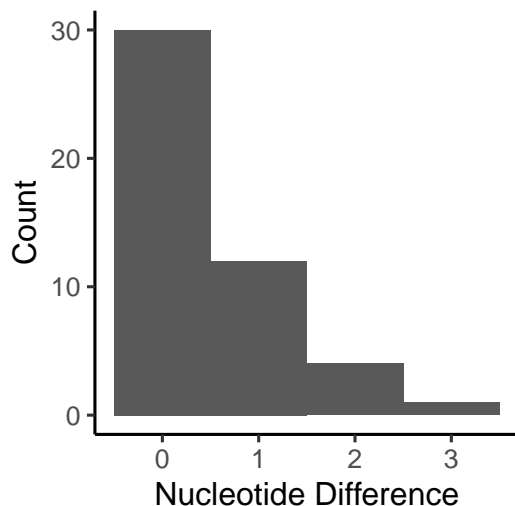
TRBV11-2\*bp01

131 sequences assigned  
37 (28.2%) exact matches, in which:  
28 unique CDR3  
7 unique J



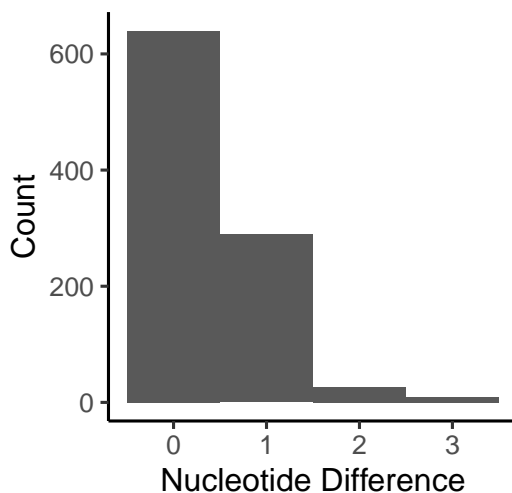
### TRBV11-2\*bp03

47 sequences assigned  
30 (63.8%) exact matches, in which:  
24 unique CDR3  
8 unique J



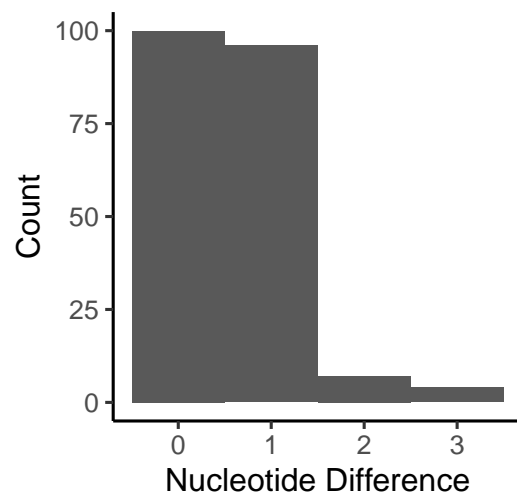
### TRBV12-34\*bp01

965 sequences assigned  
640 (66.3%) exact matches, in which:  
329 unique CDR3  
14 unique J



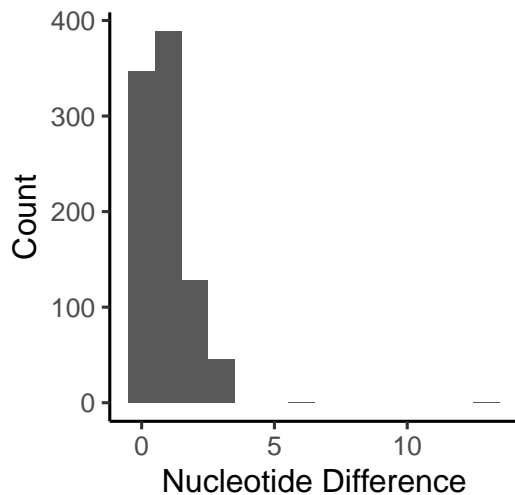
### TRBV24-1\*bp01

207 sequences assigned  
100 (48.3%) exact matches, in which:  
75 unique CDR3  
10 unique J



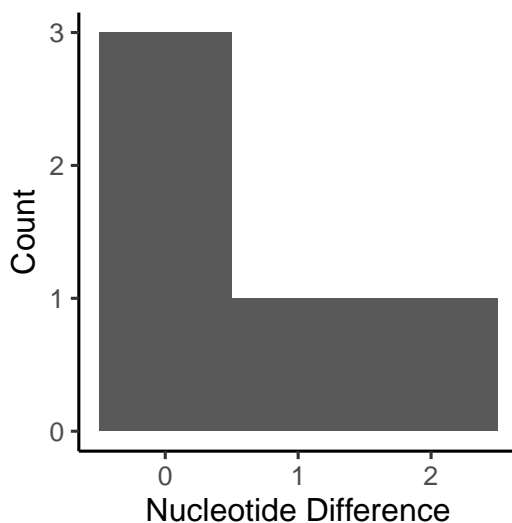
### TRBV11-3\*bp01

911 sequences assigned  
347 (38.1%) exact matches, in which:  
213 unique CDR3  
14 unique J



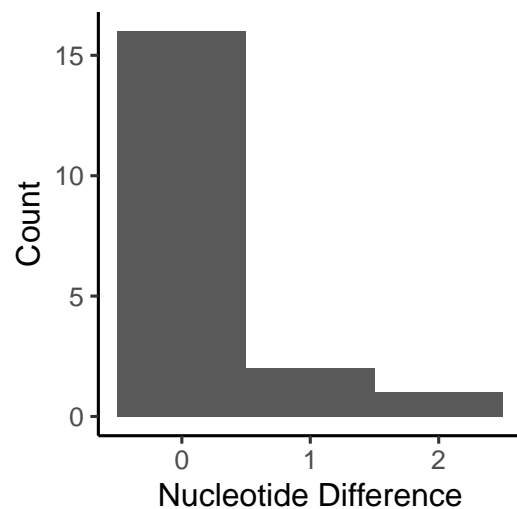
### TRBV23-1\*bp01

5 sequences assigned  
3 (60%) exact matches, in which:  
3 unique CDR3  
2 unique J



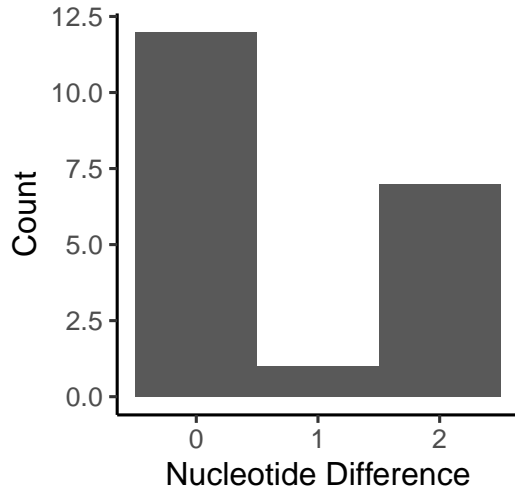
### TRBV4-1\*bp01

19 sequences assigned  
16 (84.2%) exact matches, in which:  
13 unique CDR3  
7 unique J



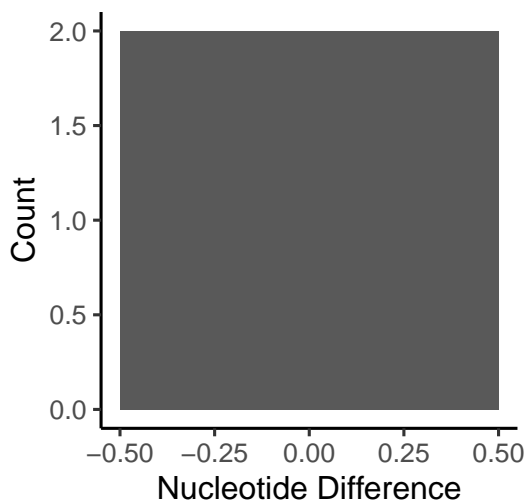
### TRBV12-5\*bp01

20 sequences assigned  
12 (60%) exact matches, in which:  
10 unique CDR3  
5 unique J



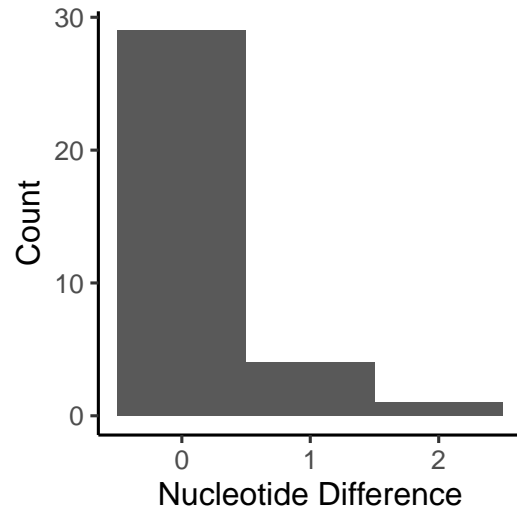
### TRBV3-2\*bp01

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



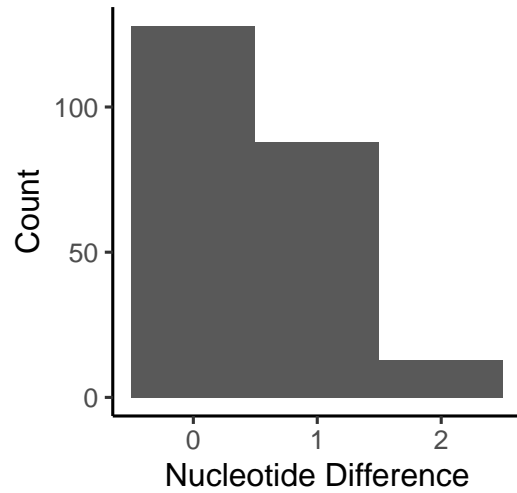
### TRBV4-2\*bp01

34 sequences assigned  
29 (85.3%) exact matches, in which:  
27 unique CDR3  
8 unique J



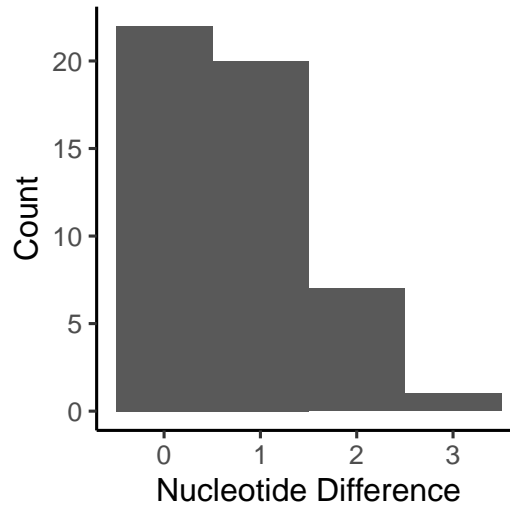
### TRBV4-3\*bp01

229 sequences assigned  
128 (55.9%) exact matches, in which:  
93 unique CDR3  
11 unique J



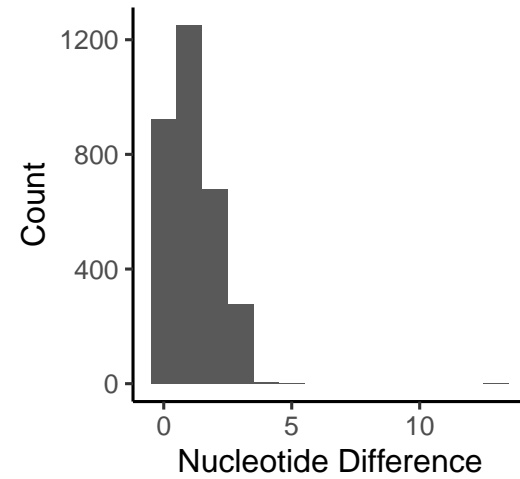
### TRBV5-3\*bp01

50 sequences assigned  
22 (44%) exact matches, in which:  
17 unique CDR3  
8 unique J



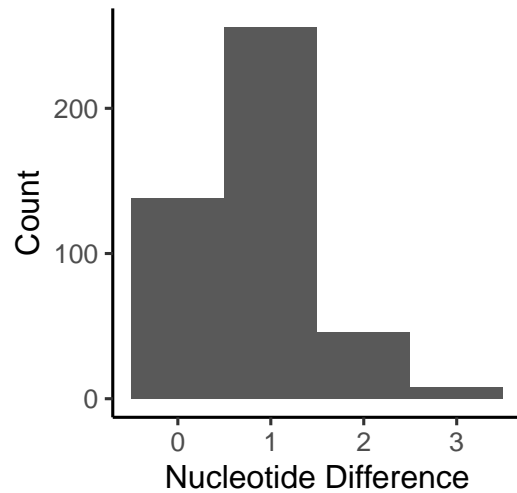
### TRBV5-6\*bp01

3139 sequences assigned  
924 (29.4%) exact matches, in which:  
535 unique CDR3  
14 unique J



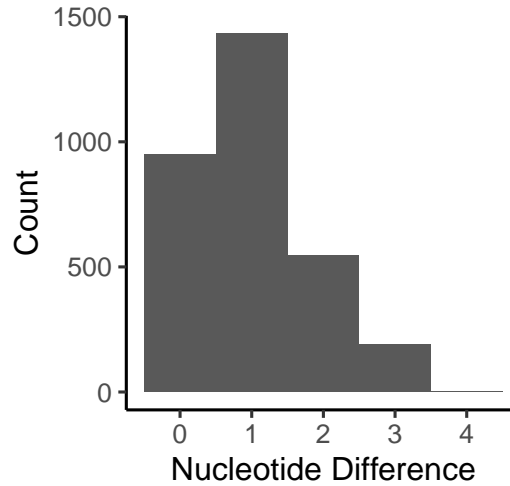
### TRBV25-1\*bp01

448 sequences assigned  
138 (30.8%) exact matches, in which:  
81 unique CDR3  
10 unique J



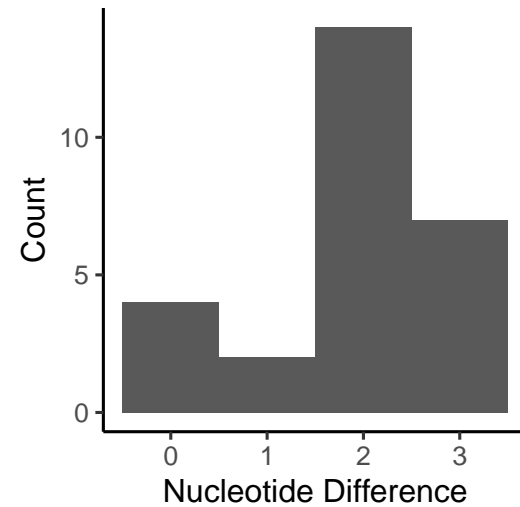
### TRBV5-4\*bp01

3122 sequences assigned  
949 (30.4%) exact matches, in which:  
581 unique CDR3  
13 unique J



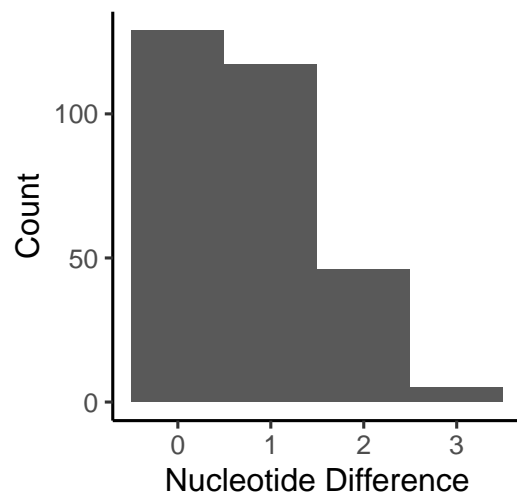
### TRBV5-7\*bp01

27 sequences assigned  
4 (14.8%) exact matches, in which:  
4 unique CDR3  
2 unique J



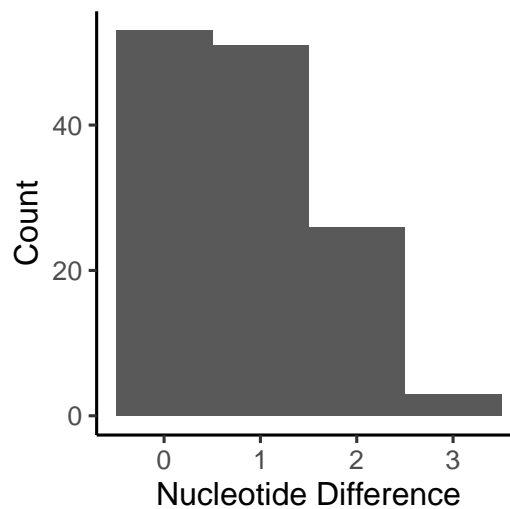
### TRBV5-1\*bp01

297 sequences assigned  
129 (43.4%) exact matches, in which:  
84 unique CDR3  
12 unique J



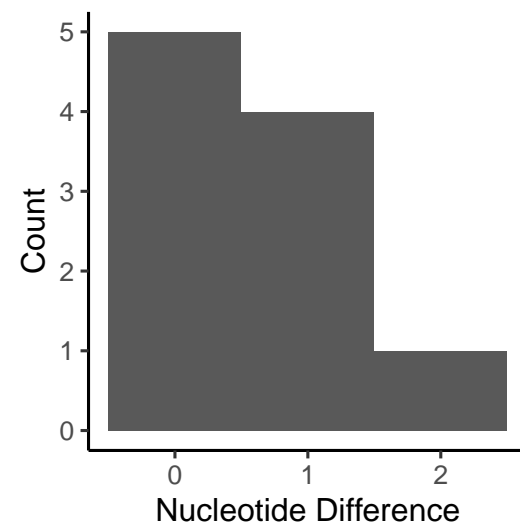
### TRBV5-5\*bp01

133 sequences assigned  
53 (39.8%) exact matches, in which:  
34 unique CDR3  
8 unique J



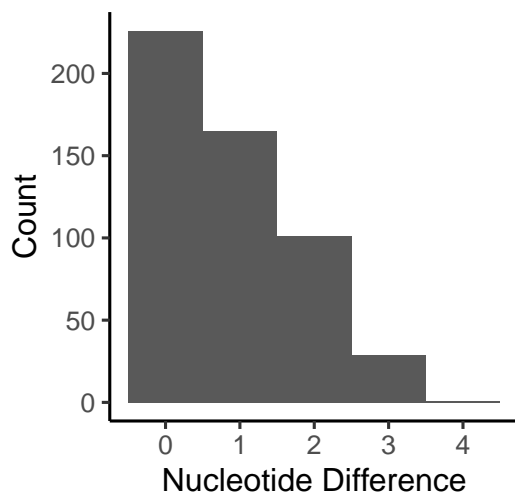
### TRBV5-8\*bp01

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



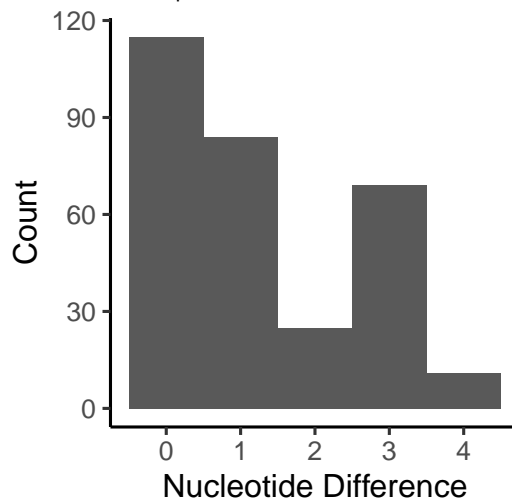
### TRBV6-1\*bp01

522 sequences assigned  
226 (43.3%) exact matches, in which:  
181 unique CDR3  
13 unique J



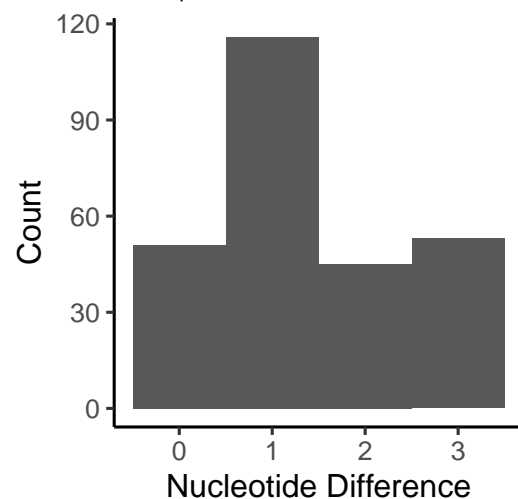
### TRBV6-6\*bp01

304 sequences assigned  
115 (37.8%) exact matches, in which:  
90 unique CDR3  
13 unique J



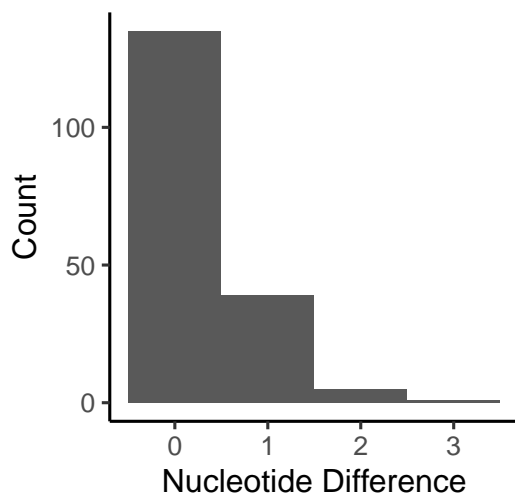
### TRBV6-8\*bp01

265 sequences assigned  
51 (19.2%) exact matches, in which:  
35 unique CDR3  
12 unique J



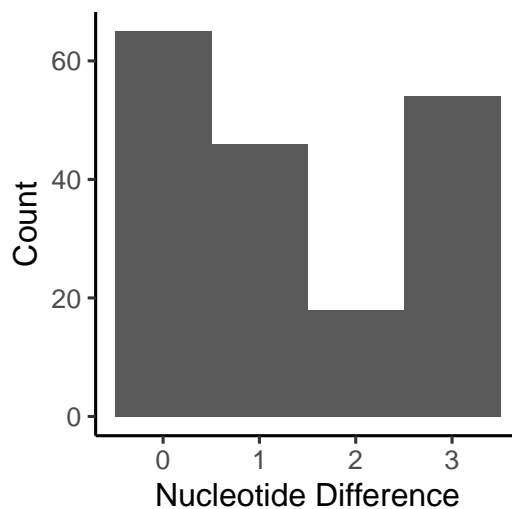
### TRBV6-4\*bp01

180 sequences assigned  
135 (75%) exact matches, in which:  
85 unique CDR3  
12 unique J



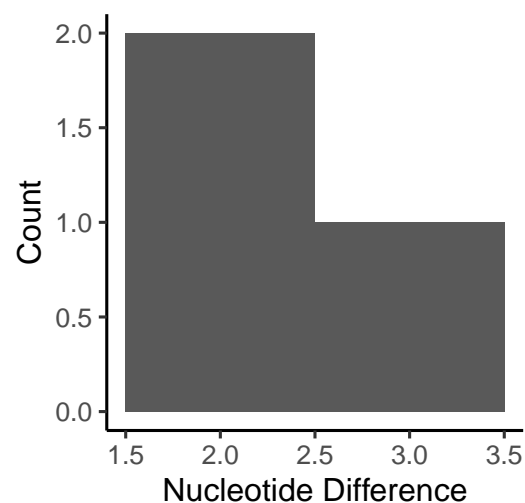
### TRBV6-6\*bp02

183 sequences assigned  
65 (35.5%) exact matches, in which:  
54 unique CDR3  
11 unique J



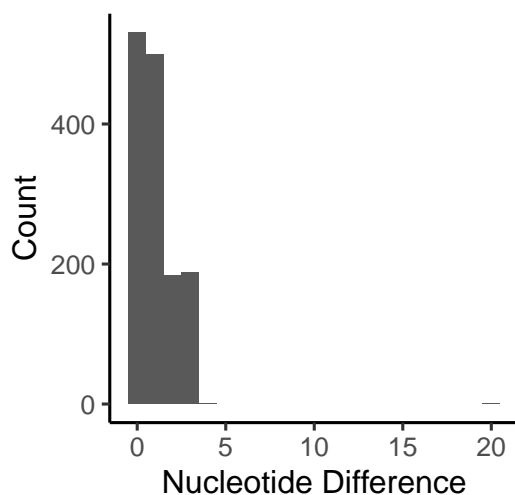
### TRBV6-9\*bp01

3 sequences assigned  
No exact matches.



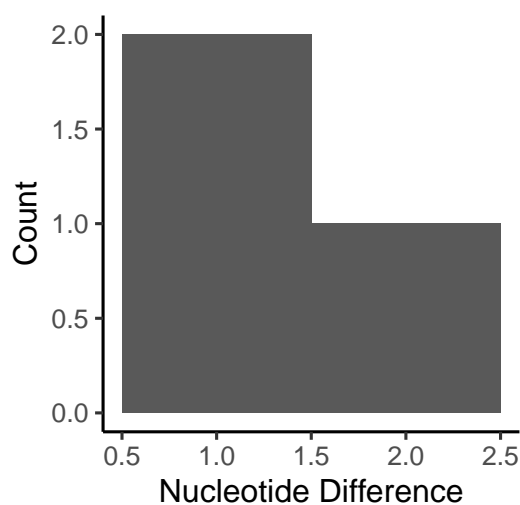
### TRBV6-5\*bp01

1403 sequences assigned  
531 (37.8%) exact matches, in which:  
387 unique CDR3  
14 unique J



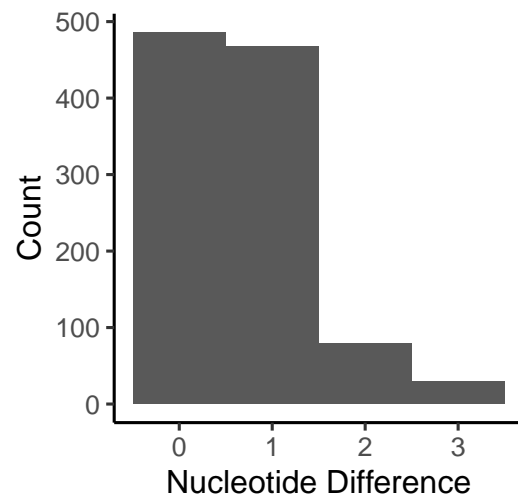
### TRBV6-7\*bp01

3 sequences assigned  
No exact matches.



### TRBV6-23\*bp01

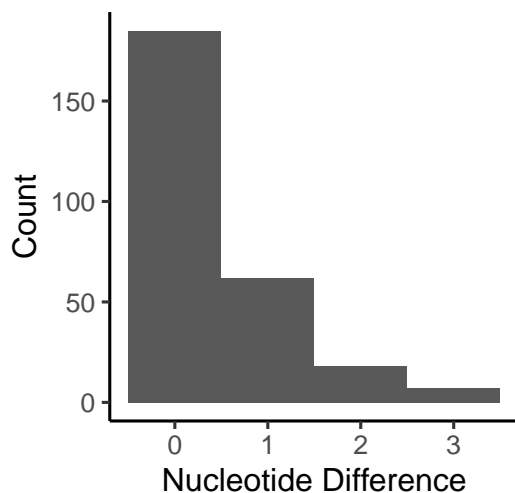
1062 sequences assigned  
486 (45.8%) exact matches, in which:  
347 unique CDR3  
14 unique J





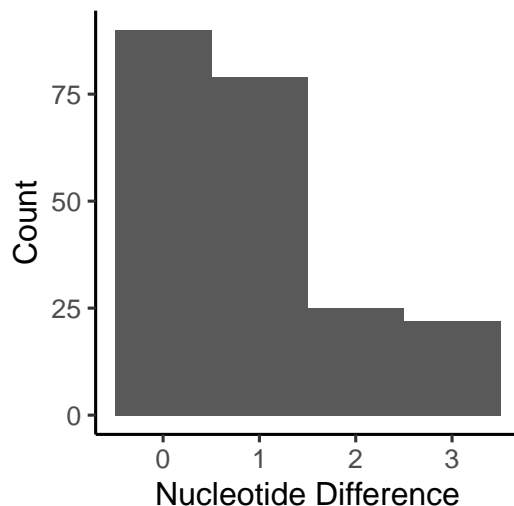
### TRBV7-2\*bp01

272 sequences assigned  
185 (68%) exact matches, in which:  
120 unique CDR3  
14 unique J



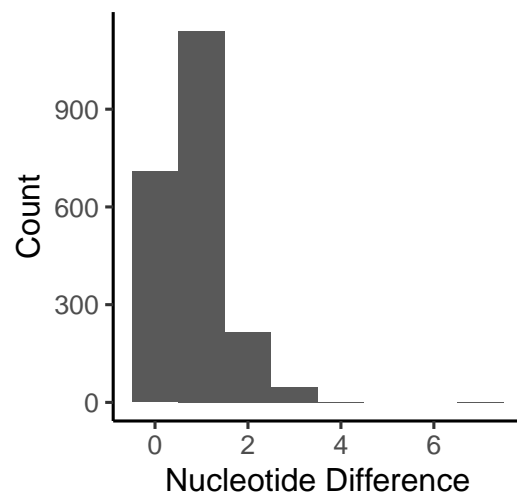
### TRBV7-6\*bp01

216 sequences assigned  
90 (41.7%) exact matches, in which:  
61 unique CDR3  
11 unique J



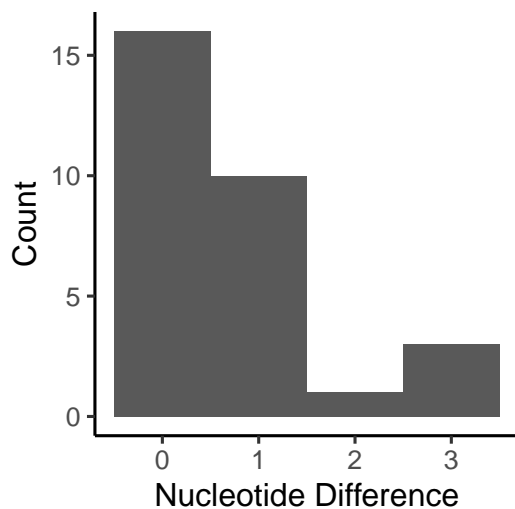
### TRBV29-1\*bp01

2117 sequences assigned  
709 (33.5%) exact matches, in which:  
396 unique CDR3  
12 unique J



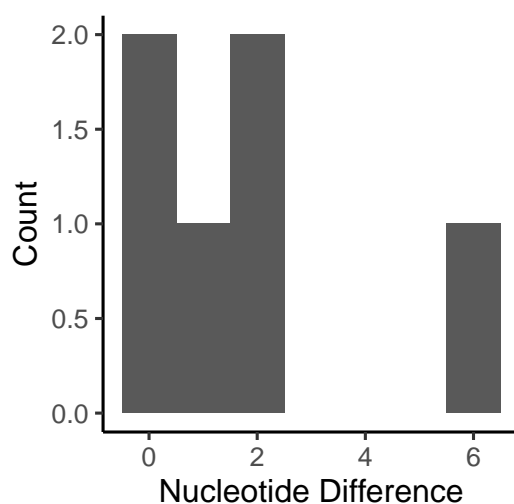
### TRBV7-3\*bp01

30 sequences assigned  
16 (53.3%) exact matches, in which:  
14 unique CDR3  
8 unique J



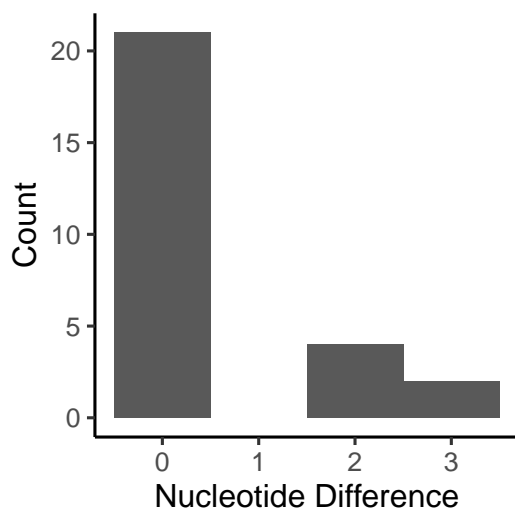
### TRBV7-7\*bp01

6 sequences assigned  
2 (33.3%) exact matches, in which:  
2 unique CDR3  
2 unique J



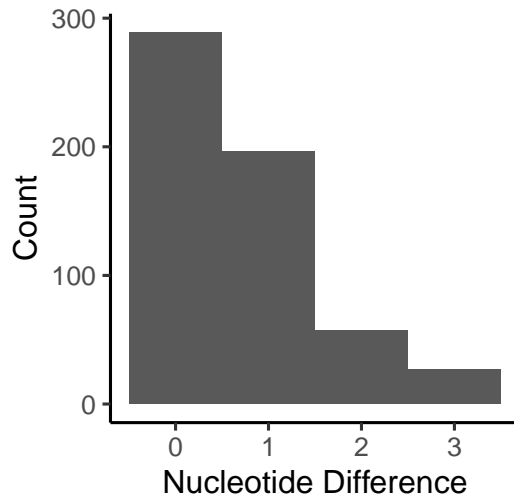
### TRBV7-4\*bp01

27 sequences assigned  
21 (77.8%) exact matches, in which:  
13 unique CDR3  
7 unique J

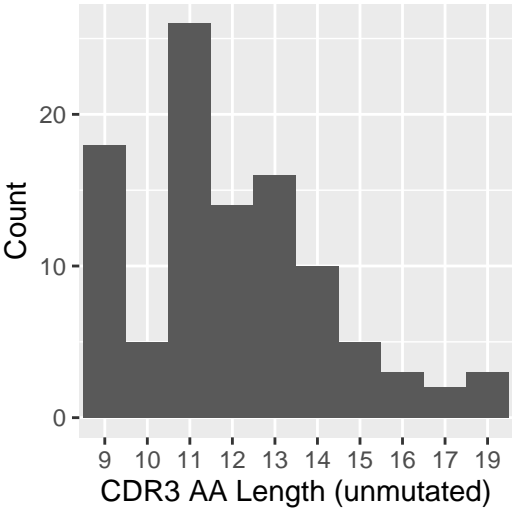


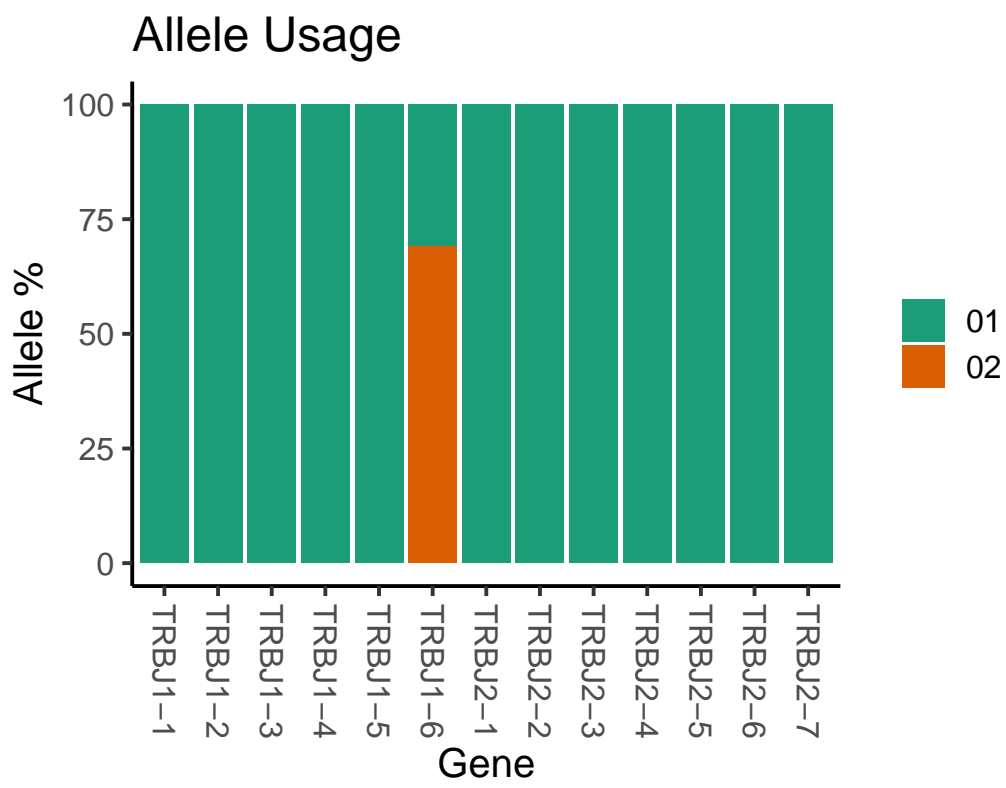
### TRBV7-9\*bp01

569 sequences assigned  
289 (50.8%) exact matches, in which:  
186 unique CDR3  
13 unique J

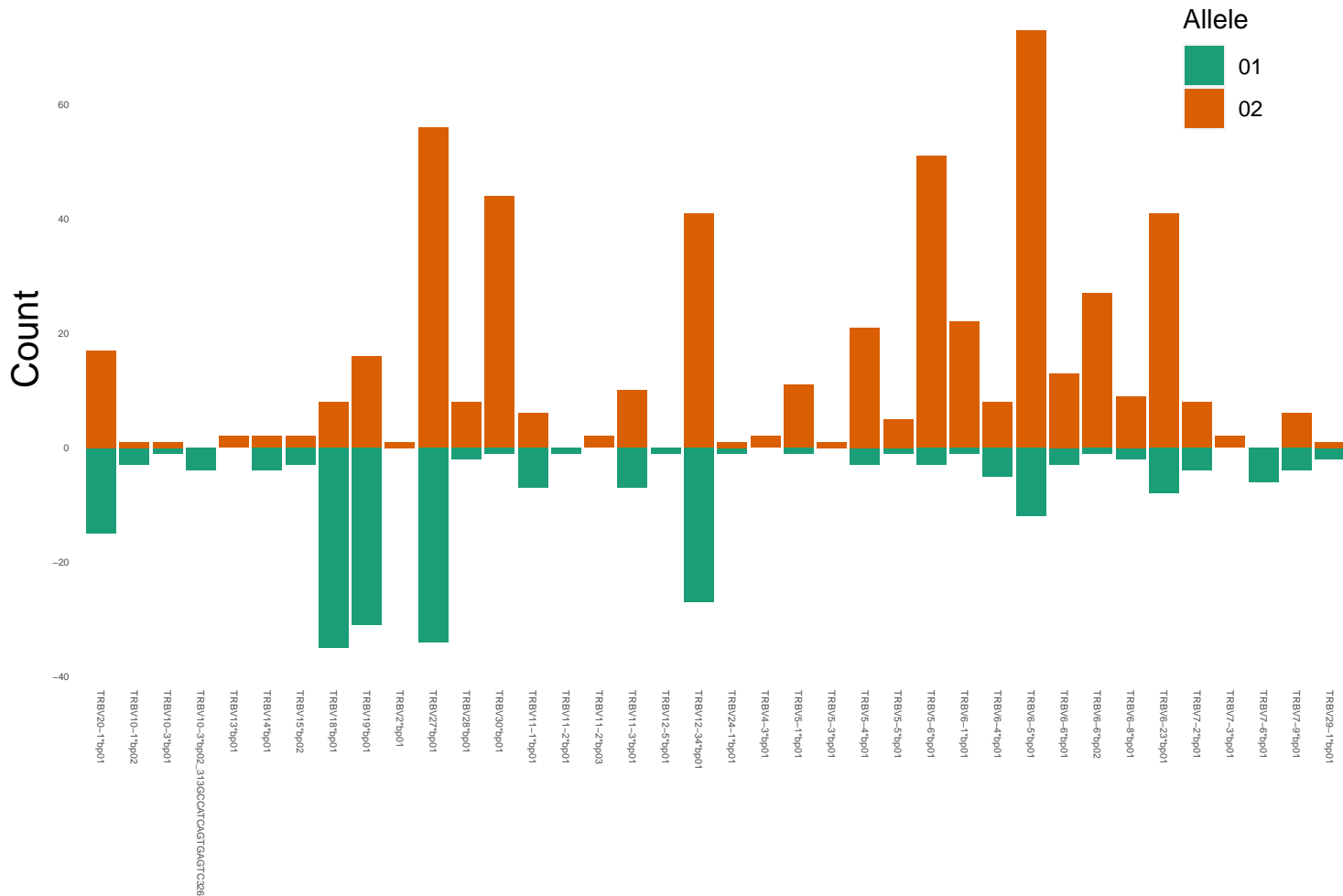


TRBV10-3\*bp02\_313GCCATCAGTGAGTC326





Sequence Count by TRBJ1–6 allele usage



[illegible]