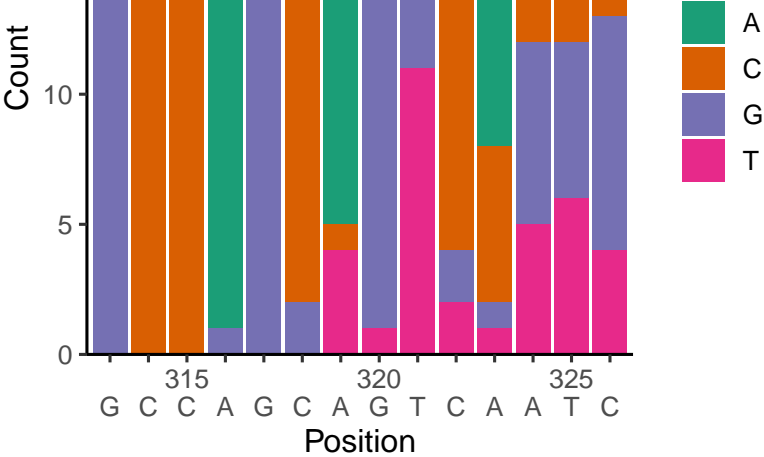


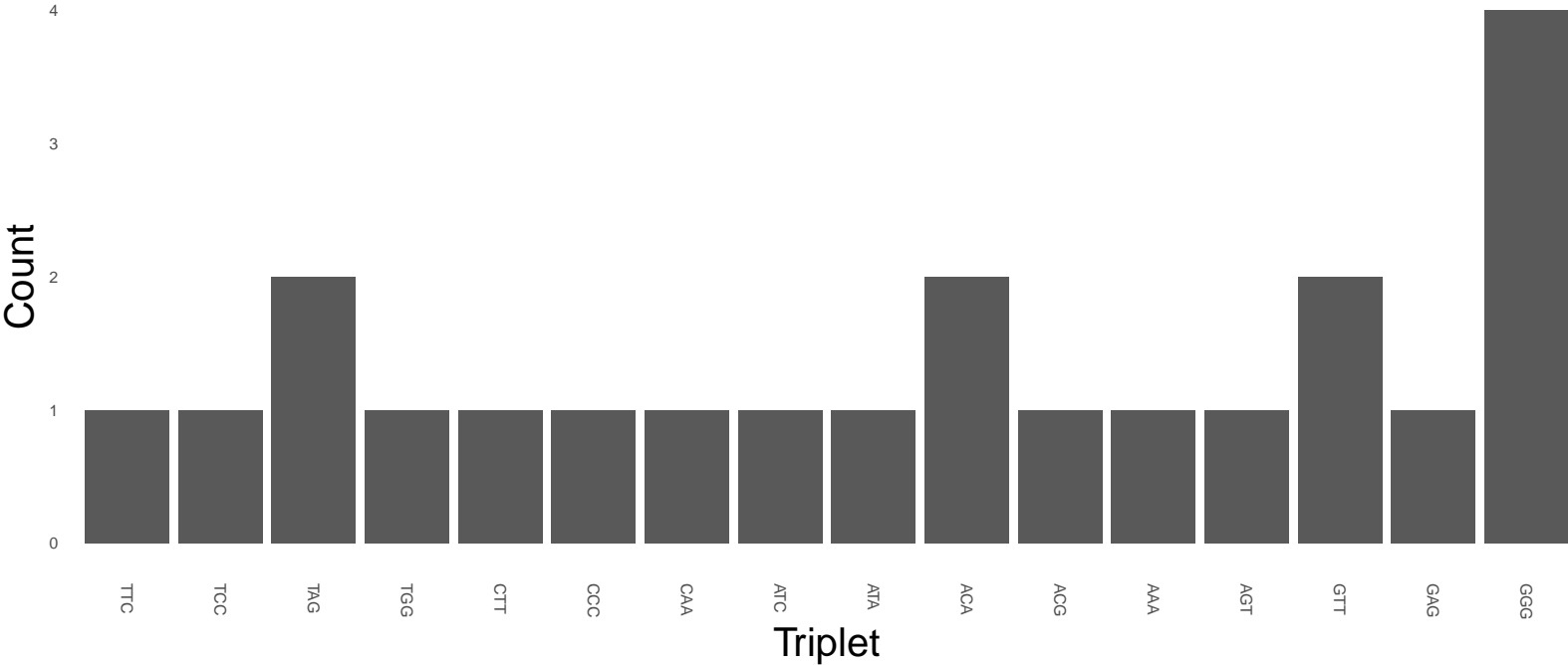
Gene TRBV23-1\*bp01\_T304C



Gene TRBV23-1\*bp01\_T304C

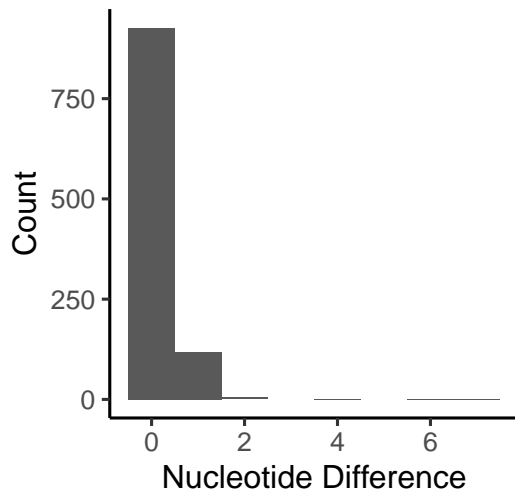


TRBV23-1\*bp01\_T304C- Final 3 nucleotides as a triplet



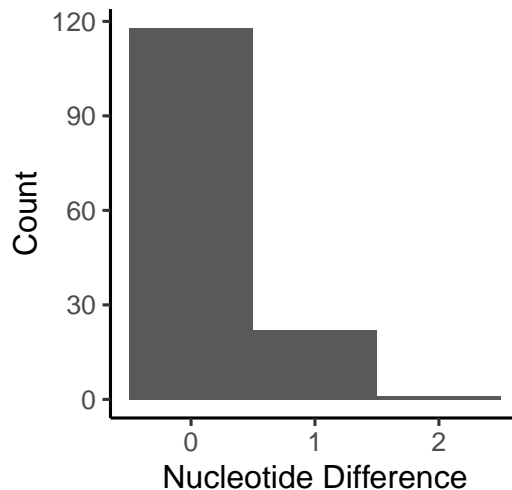
### TRBV20–1\*bp01

1055 sequences assigned  
927 (87.9%) exact matches, in which:  
744 unique CDR3  
14 unique J



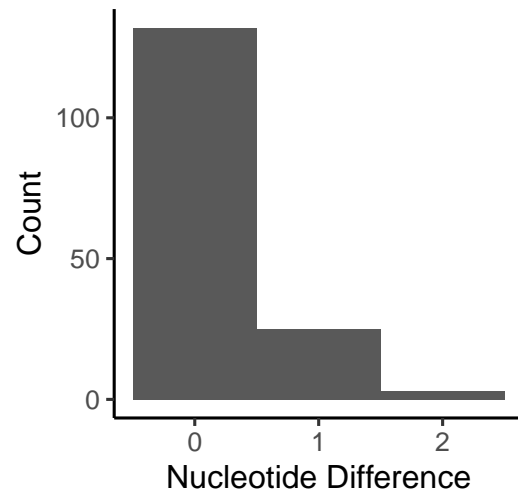
### TRBV10–3\*bp01

141 sequences assigned  
118 (83.7%) exact matches, in which:  
107 unique CDR3  
13 unique J



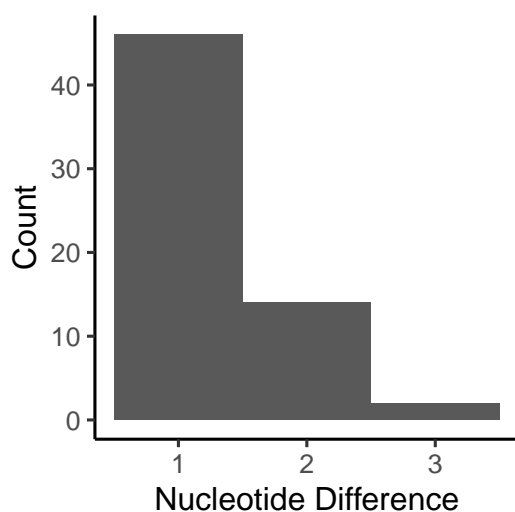
### TRBV15\*bp02

160 sequences assigned  
132 (82.5%) exact matches, in which:  
111 unique CDR3  
12 unique J



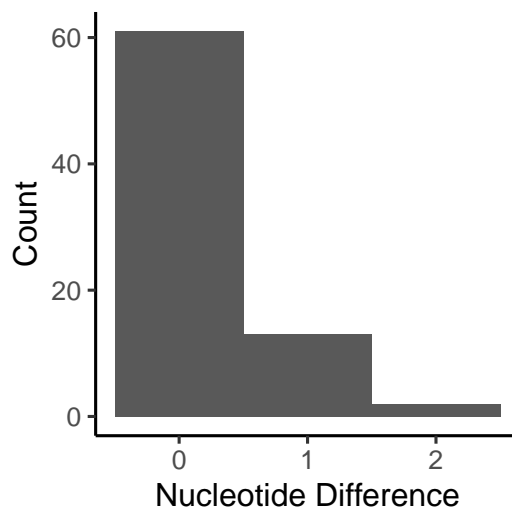
### TRBV10–1\*bp02

62 sequences assigned  
No exact matches.



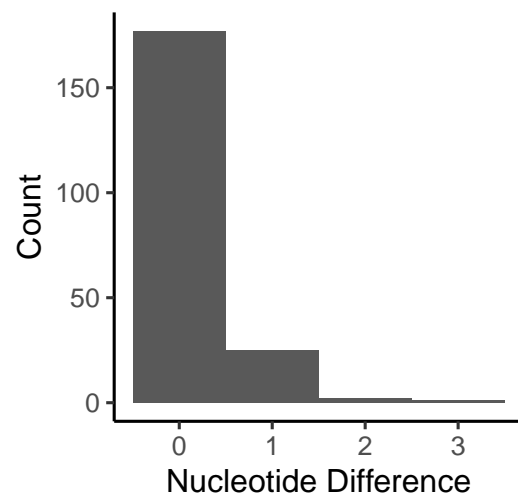
### TRBV13\*bp01

76 sequences assigned  
61 (80.3%) exact matches, in which:  
58 unique CDR3  
12 unique J



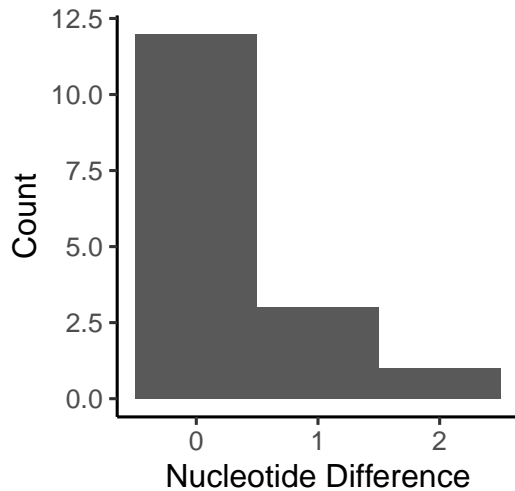
### TRBV18\*bp01

205 sequences assigned  
177 (86.3%) exact matches, in which:  
153 unique CDR3  
12 unique J



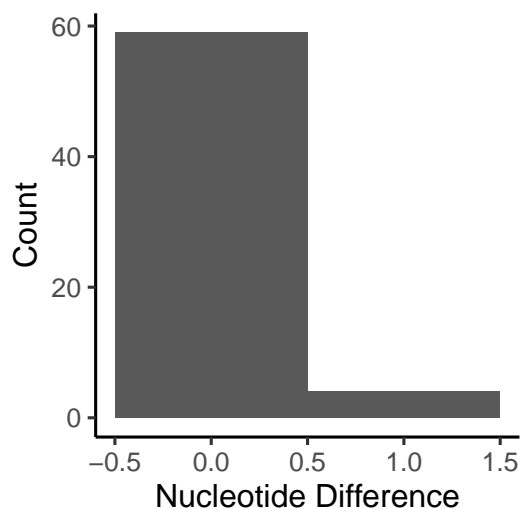
### TRBV10–2\*bp01

16 sequences assigned  
12 (75%) exact matches, in which:  
12 unique CDR3  
7 unique J



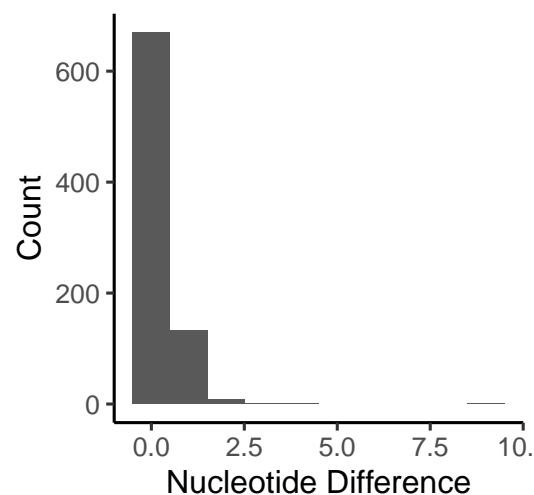
### TRBV14\*bp01

63 sequences assigned  
59 (93.7%) exact matches, in which:  
56 unique CDR3  
13 unique J



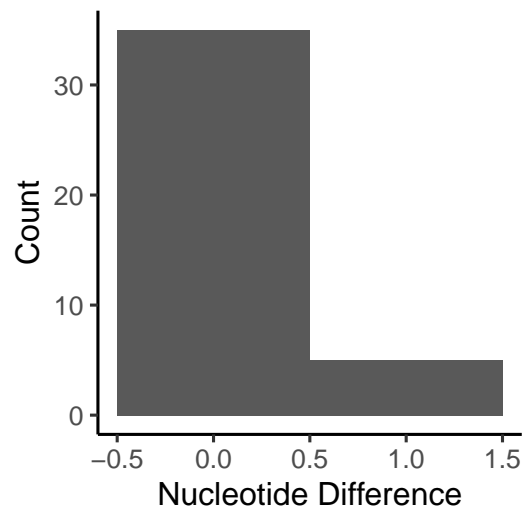
### TRBV19\*bp01

818 sequences assigned  
670 (81.9%) exact matches, in which:  
554 unique CDR3  
14 unique J



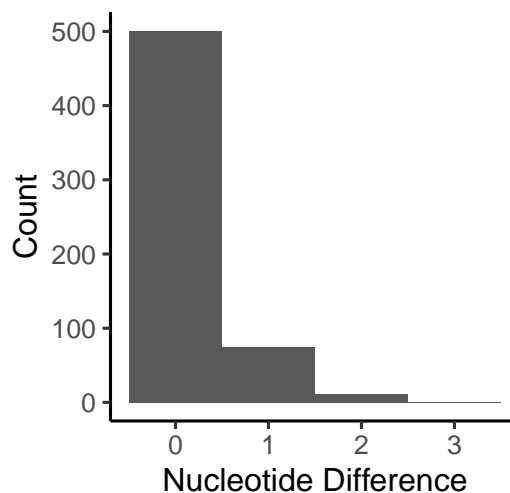
### TRBV2\*bp01

40 sequences assigned  
35 (87.5%) exact matches, in which:  
34 unique CDR3  
10 unique J



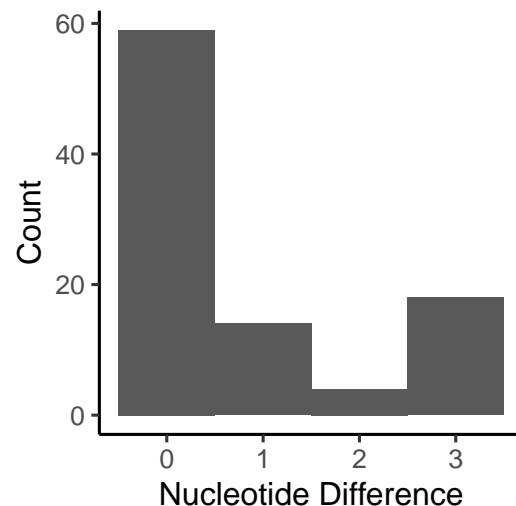
### TRBV30\*bp01

588 sequences assigned  
501 (85.2%) exact matches, in which:  
356 unique CDR3  
14 unique J



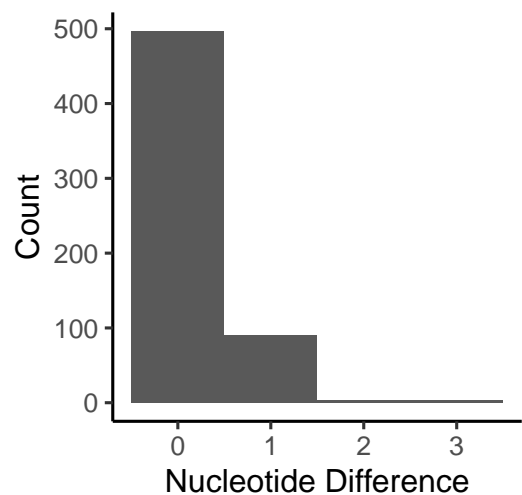
### TRBV11-1\*bp01

95 sequences assigned  
59 (62.1%) exact matches, in which:  
49 unique CDR3  
11 unique J



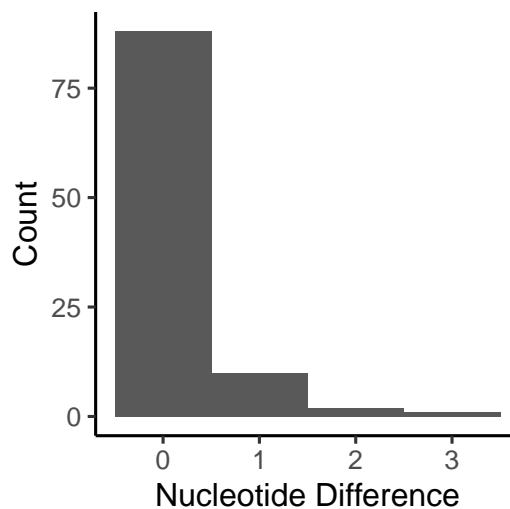
### TRBV27\*bp01

594 sequences assigned  
497 (83.7%) exact matches, in which:  
425 unique CDR3  
13 unique J



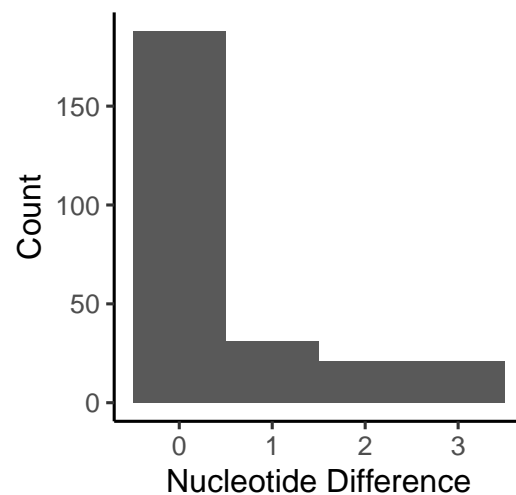
### TRBV9\*bp01

101 sequences assigned  
88 (87.1%) exact matches, in which:  
83 unique CDR3  
13 unique J



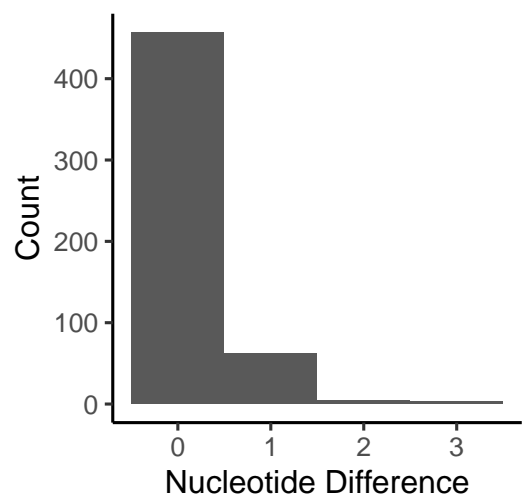
### TRBV11-2\*bp01

261 sequences assigned  
188 (72%) exact matches, in which:  
169 unique CDR3  
13 unique J



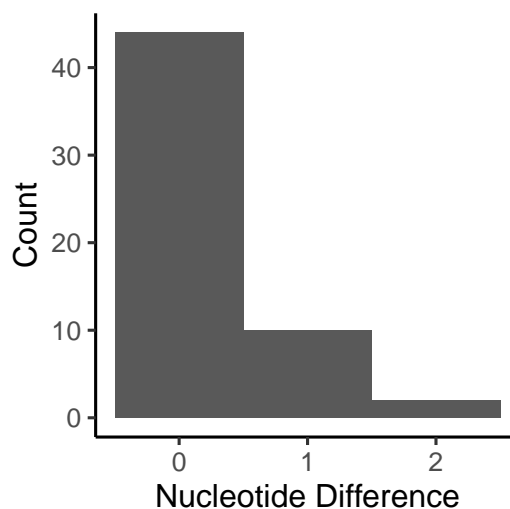
### TRBV28\*bp01

526 sequences assigned  
457 (86.9%) exact matches, in which:  
424 unique CDR3  
14 unique J



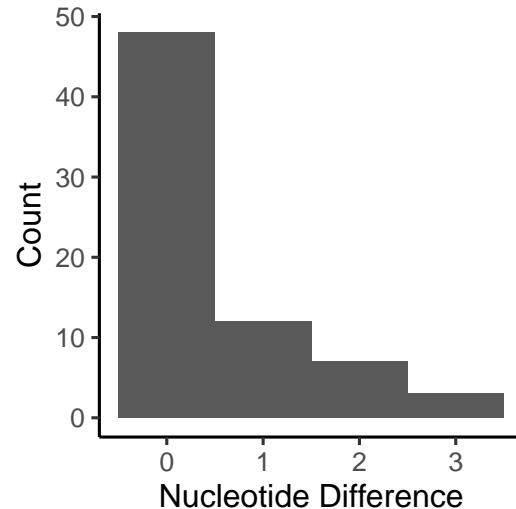
### TRBV21-1\*bp01

56 sequences assigned  
44 (78.6%) exact matches, in which:  
44 unique CDR3  
10 unique J



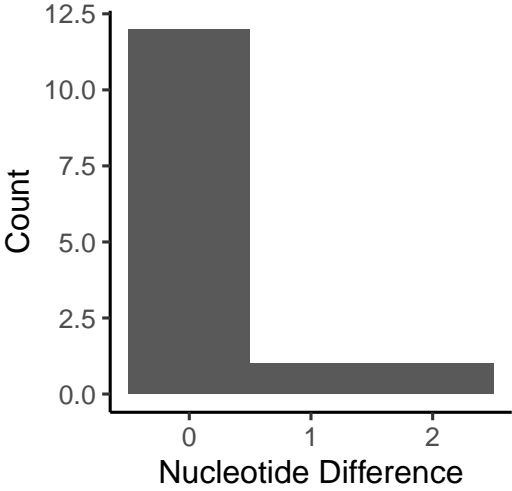
### TRBV11-3\*bp01

70 sequences assigned  
48 (68.6%) exact matches, in which:  
45 unique CDR3  
12 unique J



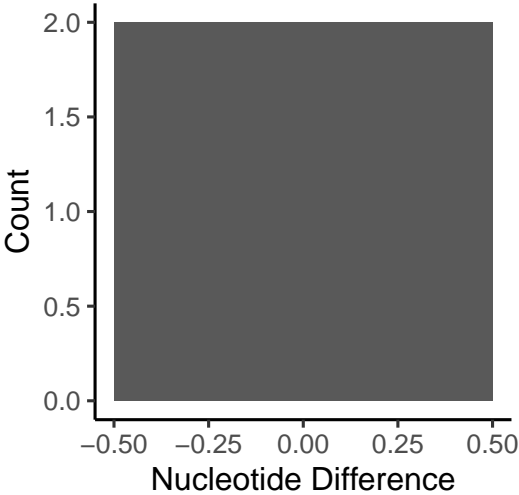
TRBV12–5\*bp01

14 sequences assigned  
12 (85.7%) exact matches, in which:  
12 unique CDR3  
5 unique J



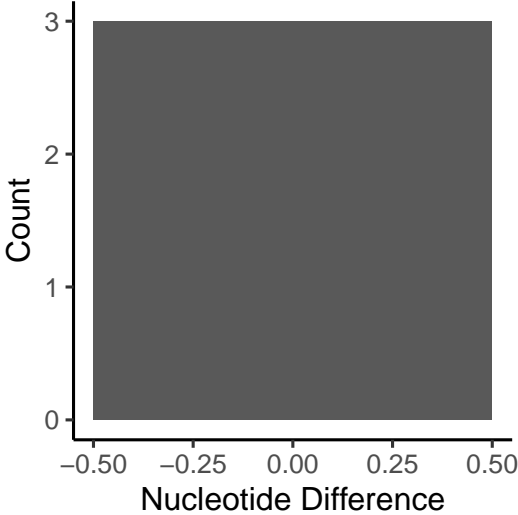
TRBV3–1\*bp01

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



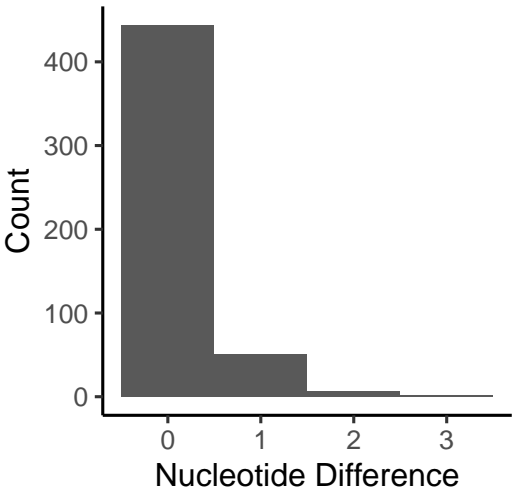
TRBV3–2\*bp02

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



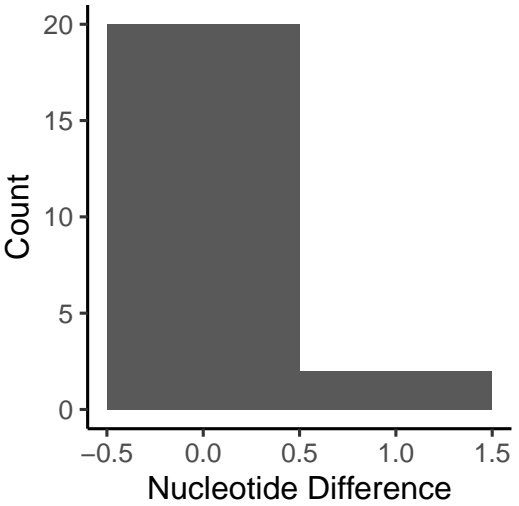
TRBV12–34\*bp01

504 sequences assigned  
444 (88.1%) exact matches, in which:  
342 unique CDR3  
14 unique J



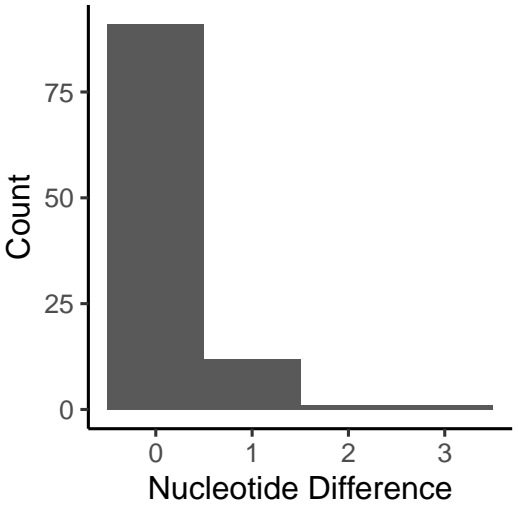
TRBV23–1\*bp01\_T304C

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



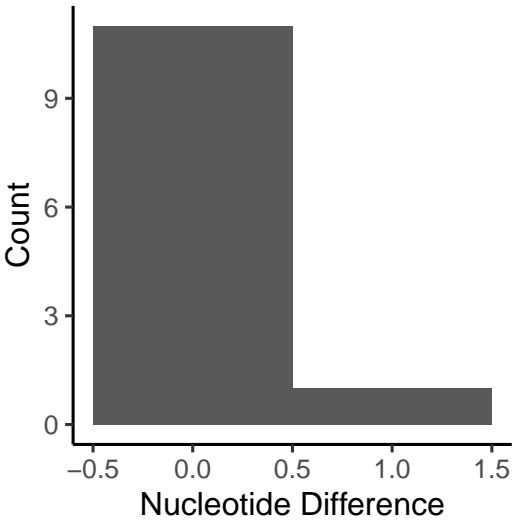
TRBV24–1\*bp01

105 sequences assigned  
91 (86.7%) exact matches, in which:  
86 unique CDR3  
14 unique J



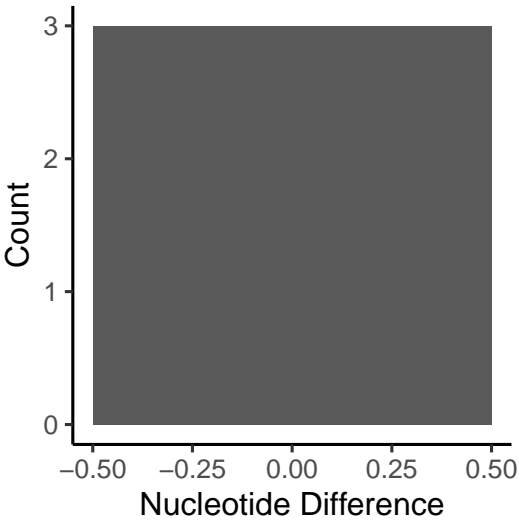
TRBV23–1\*bp01

12 sequences assigned  
11 (91.7%) exact matches, in which:  
10 unique CDR3  
7 unique J



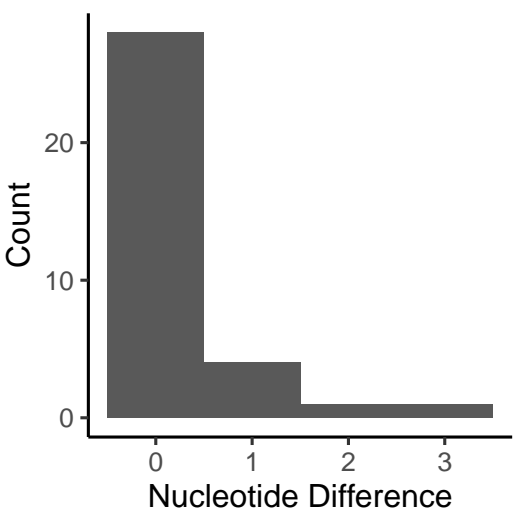
TRBV3–2\*bp01

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



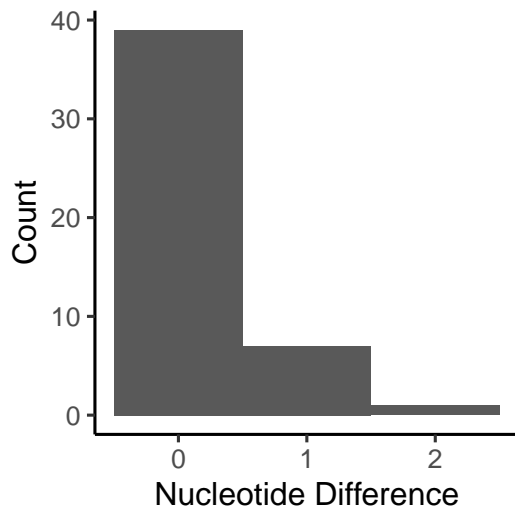
TRBV4–1\*bp01

34 sequences assigned  
28 (82.4%) exact matches, in which:  
27 unique CDR3  
10 unique J



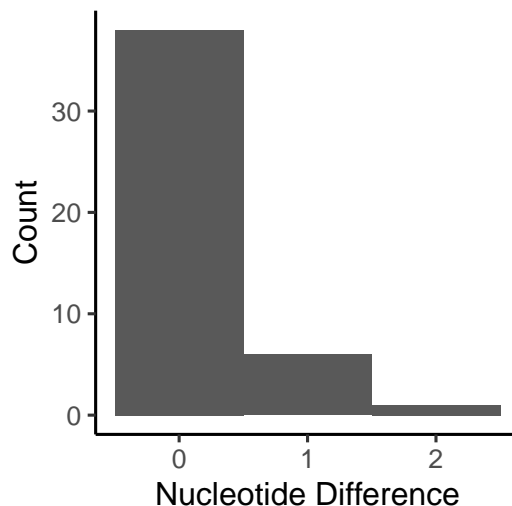
### TRBV4-2\*bp01

47 sequences assigned  
39 (83%) exact matches, in which:  
36 unique CDR3  
12 unique J



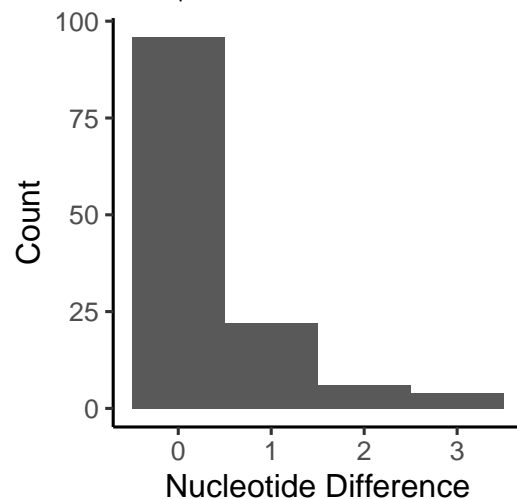
### TRBV25-1\*bp01

45 sequences assigned  
38 (84.4%) exact matches, in which:  
35 unique CDR3  
10 unique J



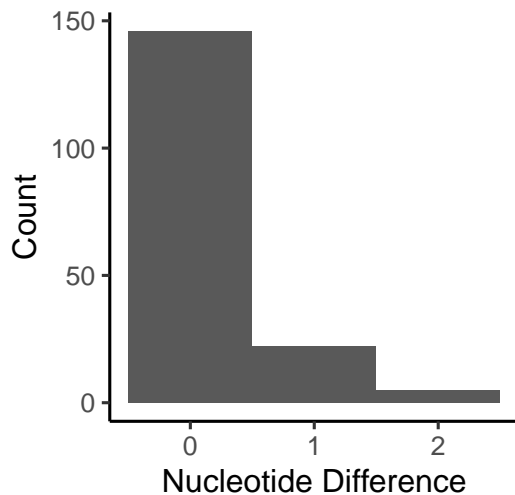
### TRBV5-5\*bp01

128 sequences assigned  
96 (75%) exact matches, in which:  
84 unique CDR3  
13 unique J



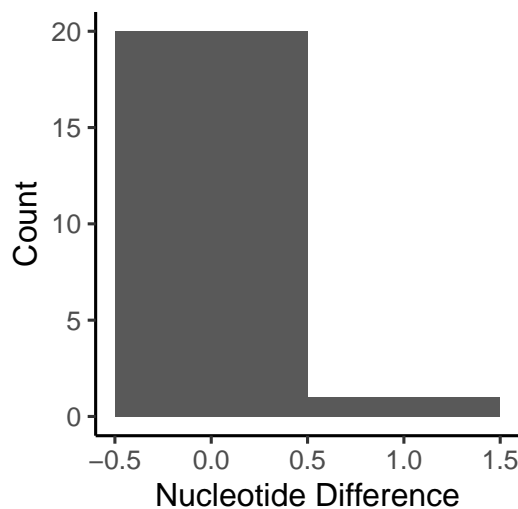
### TRBV4-3\*bp01

173 sequences assigned  
146 (84.4%) exact matches, in which:  
137 unique CDR3  
14 unique J



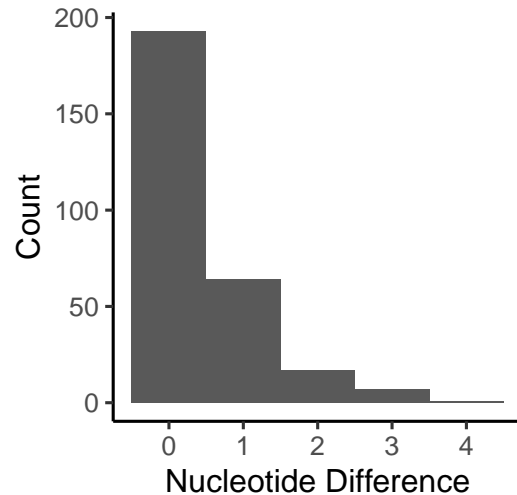
### TRBV5-3\*bp01

21 sequences assigned  
20 (95.2%) exact matches, in which:  
18 unique CDR3  
9 unique J



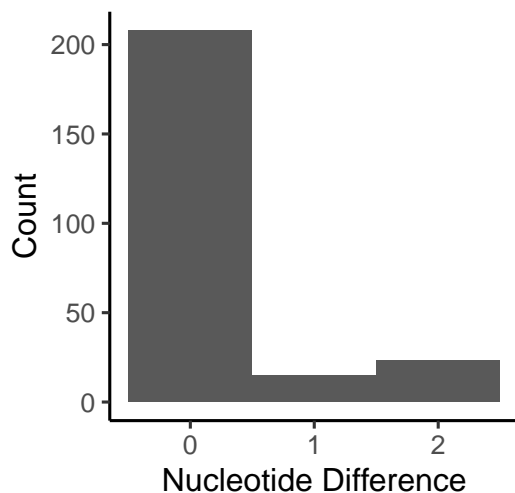
### TRBV5-6\*bp01

282 sequences assigned  
193 (68.4%) exact matches, in which:  
164 unique CDR3  
14 unique J



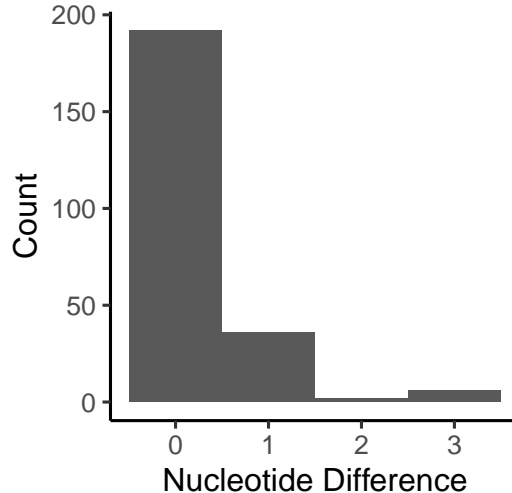
### TRBV5-1\*bp01

246 sequences assigned  
208 (84.6%) exact matches, in which:  
192 unique CDR3  
13 unique J



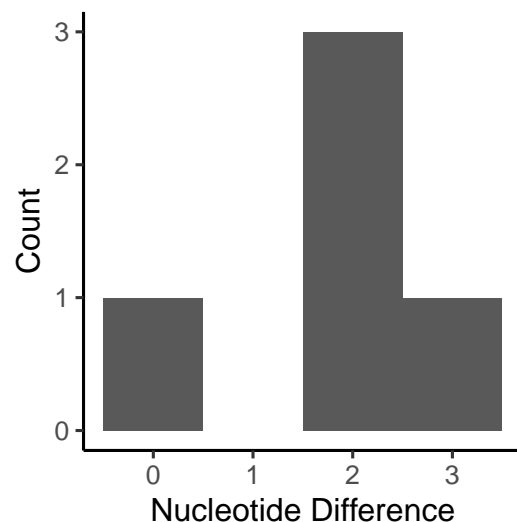
### TRBV5-4\*bp01

236 sequences assigned  
192 (81.4%) exact matches, in which:  
165 unique CDR3  
14 unique J



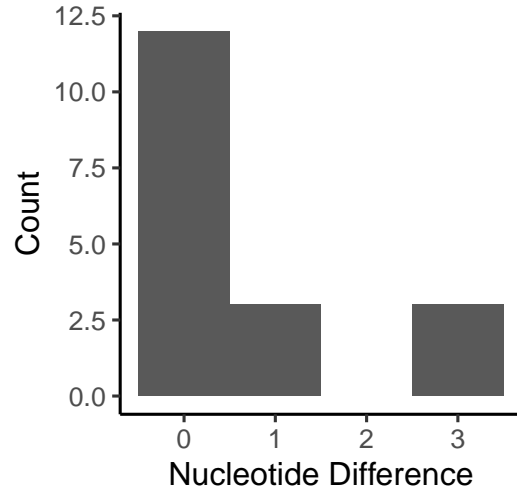
### TRBV5-7\*bp01

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



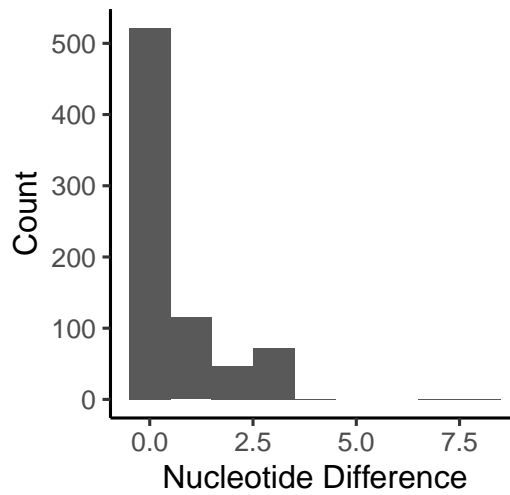
### TRBV5–8\*bp01

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



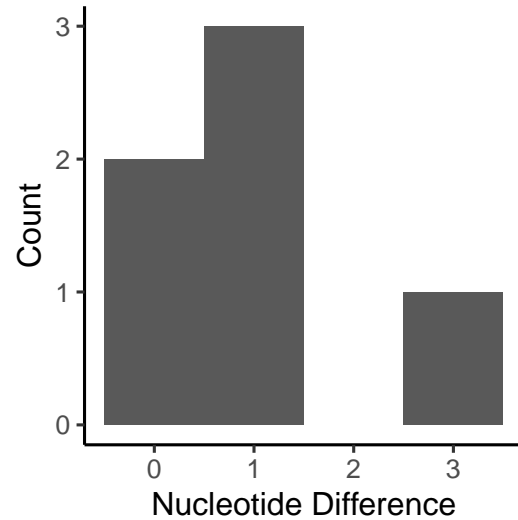
### TRBV6–5\*bp01

759 sequences assigned  
522 (68.8%) exact matches, in which:  
455 unique CDR3  
14 unique J



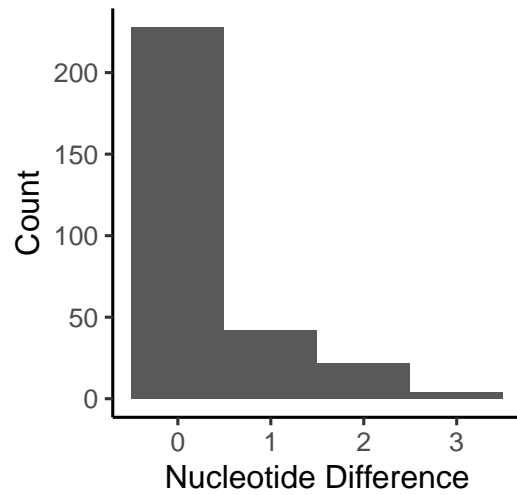
### TRBV6–8\*bp01

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



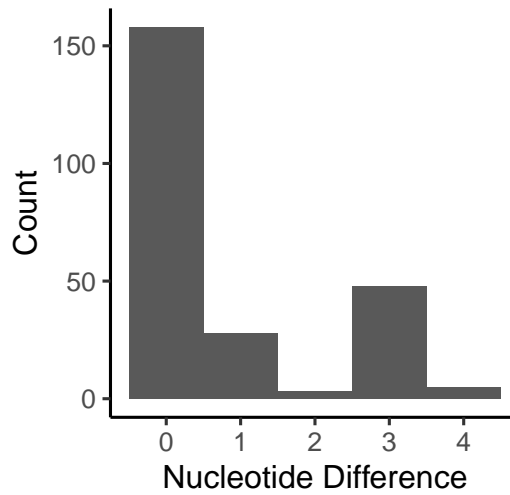
### TRBV6–1\*bp01

296 sequences assigned  
228 (77%) exact matches, in which:  
204 unique CDR3  
14 unique J



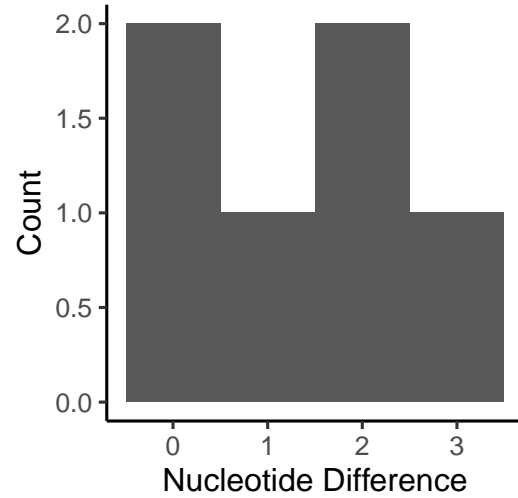
### TRBV6–6\*bp01

242 sequences assigned  
158 (65.3%) exact matches, in which:  
146 unique CDR3  
12 unique J



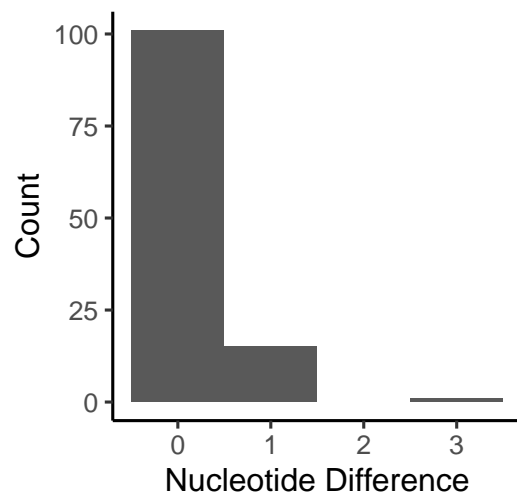
### TRBV6–9\*bp01

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



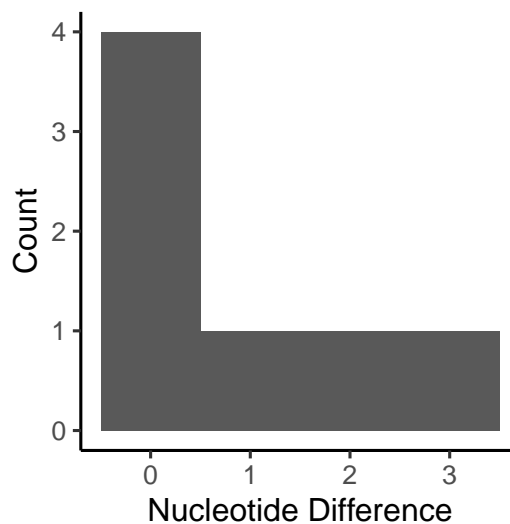
### TRBV6–4\*bp01

117 sequences assigned  
101 (86.3%) exact matches, in which:  
86 unique CDR3  
13 unique J



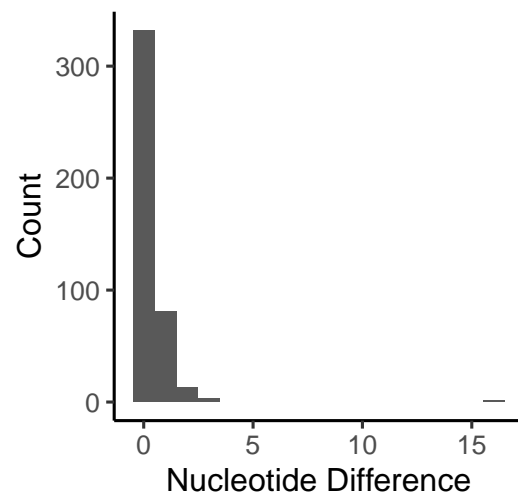
### TRBV6–7\*bp01

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



### TRBV6–23\*bp01

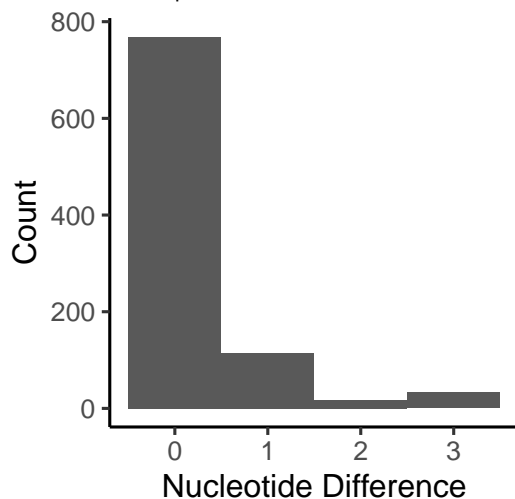
430 sequences assigned  
332 (77.2%) exact matches, in which:  
301 unique CDR3  
14 unique J





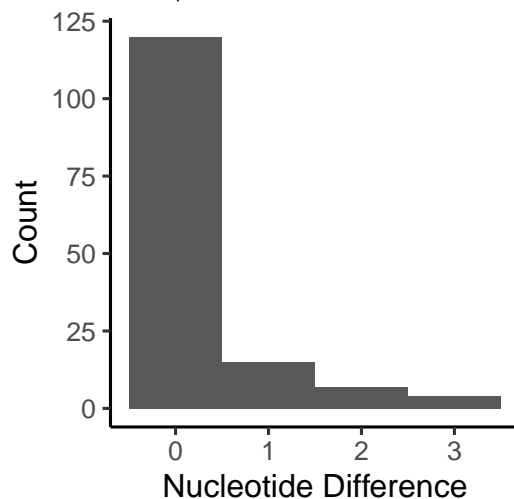
### TRBV7-2\*bp01

934 sequences assigned  
769 (82.3%) exact matches, in which:  
637 unique CDR3  
14 unique J



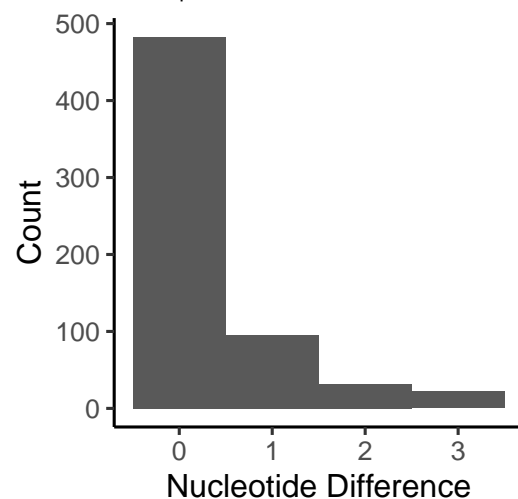
### TRBV7-6\*bp01

146 sequences assigned  
120 (82.2%) exact matches, in which:  
111 unique CDR3  
12 unique J



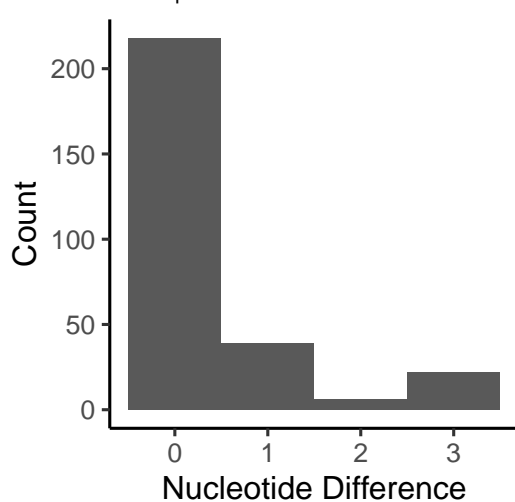
### TRBV7-9\*bp01

632 sequences assigned  
483 (76.4%) exact matches, in which:  
387 unique CDR3  
14 unique J



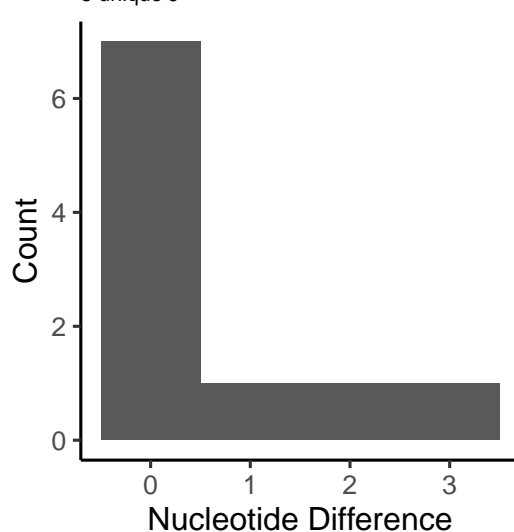
### TRBV7-3\*bp01

285 sequences assigned  
218 (76.5%) exact matches, in which:  
193 unique CDR3  
14 unique J



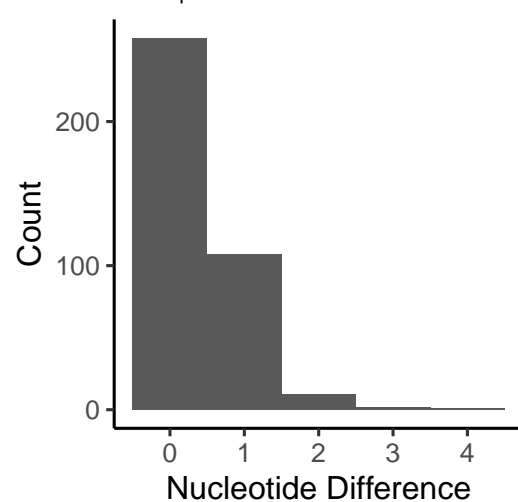
### TRBV7-7\*bp01

10 sequences assigned  
7 (70%) exact matches, in which:  
6 unique CDR3  
5 unique J



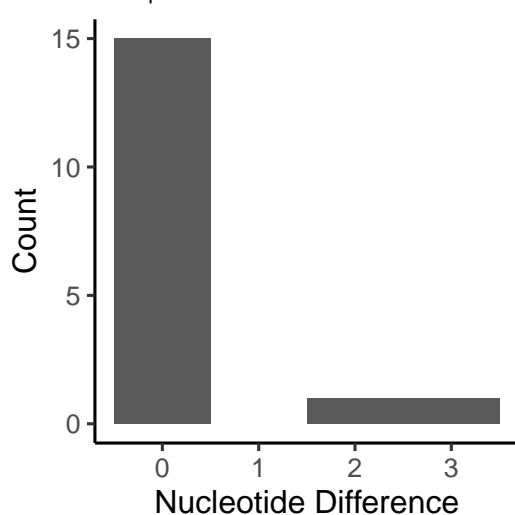
### TRBV29-1\*bp01

380 sequences assigned  
258 (67.9%) exact matches, in which:  
222 unique CDR3  
13 unique J



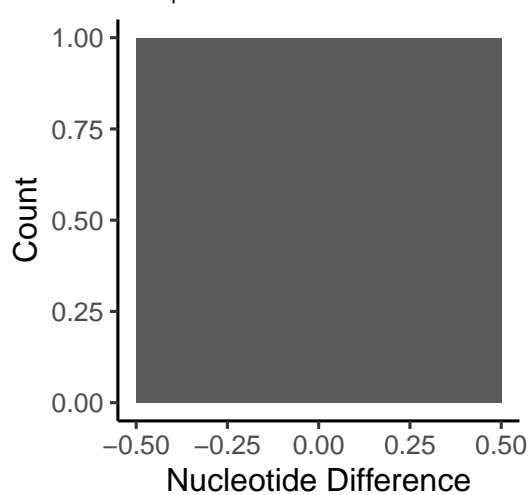
### TRBV7-4\*bp01

17 sequences assigned  
15 (88.2%) exact matches, in which:  
13 unique CDR3  
9 unique J



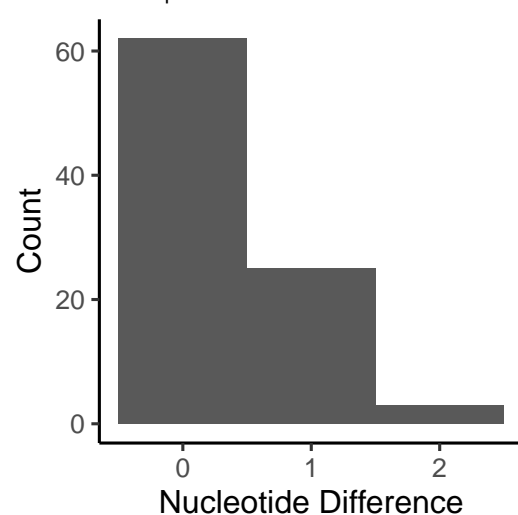
### TRBV7-8\*bp01

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

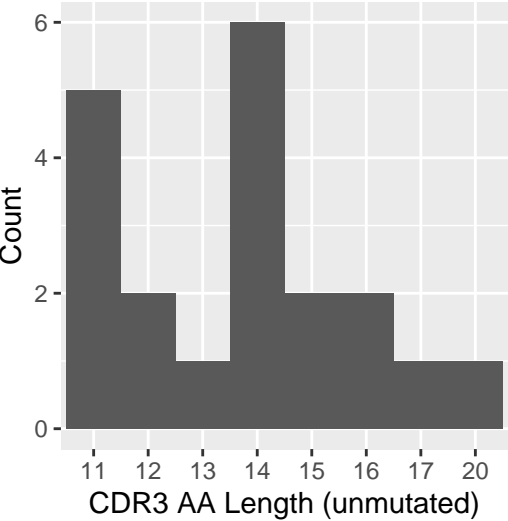


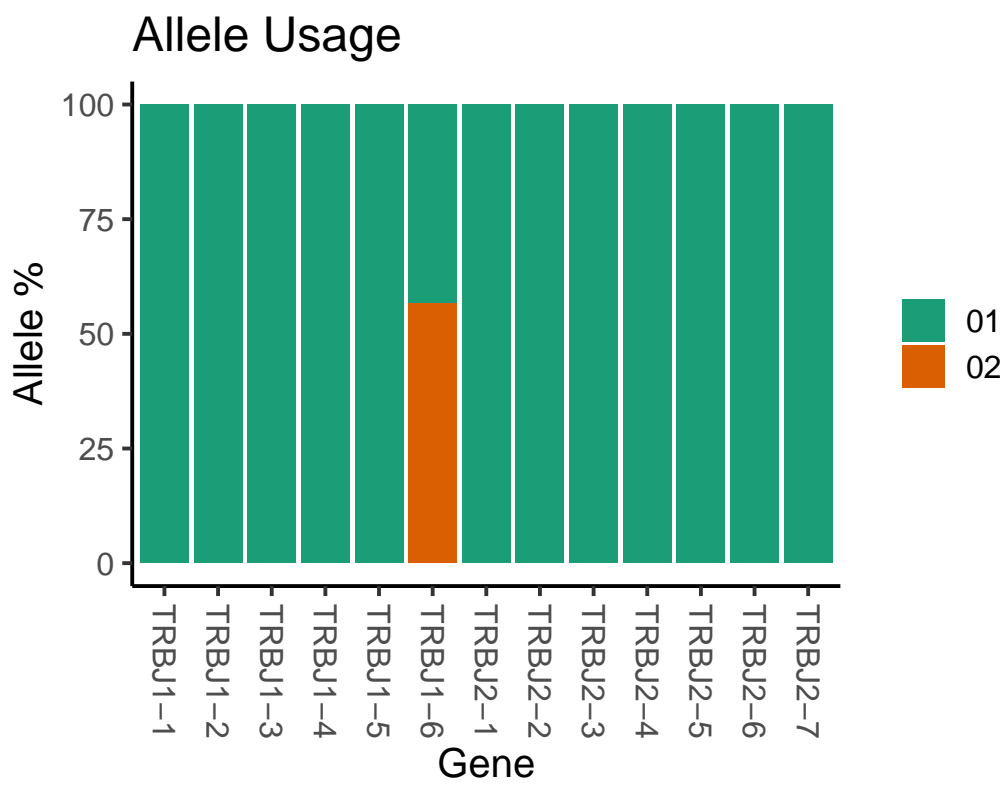
### TRBV29-1\*bp03

90 sequences assigned  
62 (68.9%) exact matches, in which:  
49 unique CDR3  
12 unique J



TRBV23-1\*bp01\_T304C





Sequence Count by TRBJ1–6 allele usage

