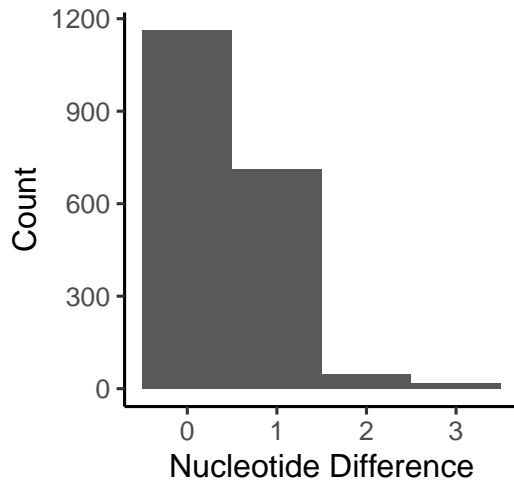


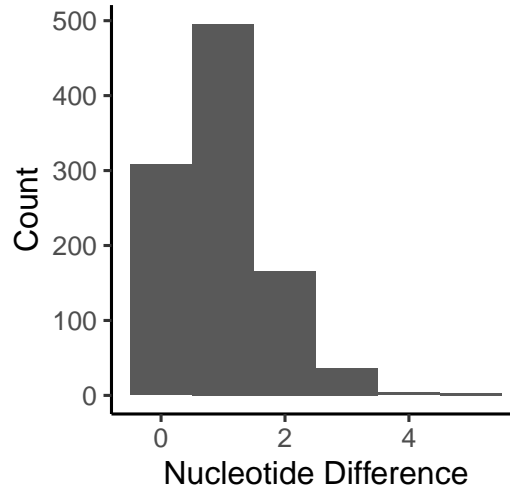
### TRBV20–1\*bp01

1939 sequences assigned  
1162 (59.9%) exact matches, in which:  
601 unique CDR3  
14 unique J



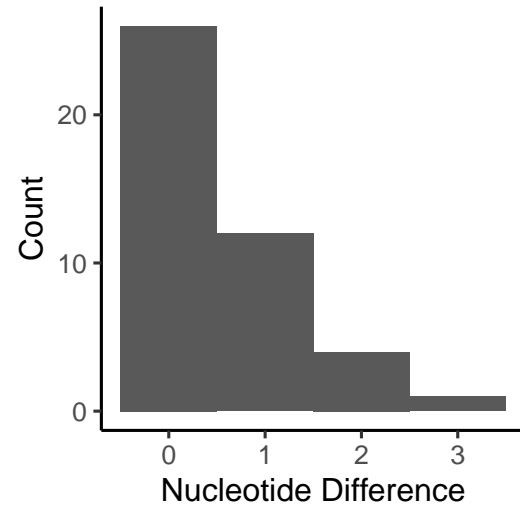
### TRBV10–2\*bp01

1014 sequences assigned  
308 (30.4%) exact matches, in which:  
181 unique CDR3  
13 unique J



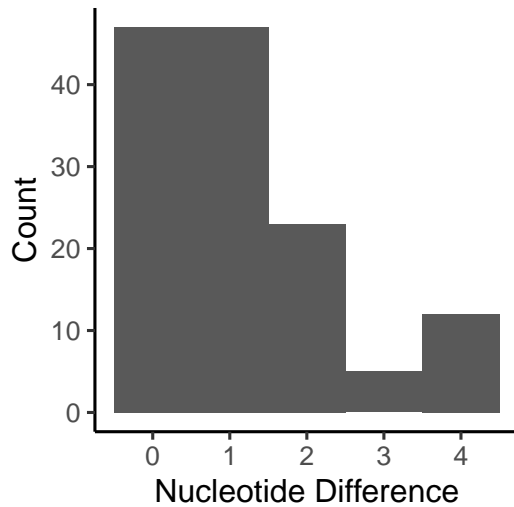
### TRBV13\*bp01

43 sequences assigned  
26 (60.5%) exact matches, in which:  
23 unique CDR3  
9 unique J



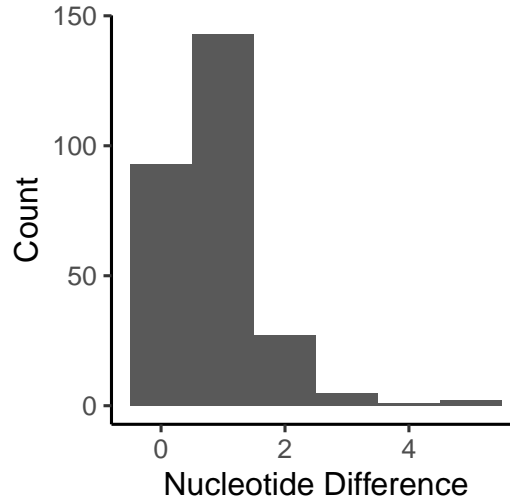
### TRBV10–1\*bp01

134 sequences assigned  
47 (35.1%) exact matches, in which:  
34 unique CDR3  
11 unique J



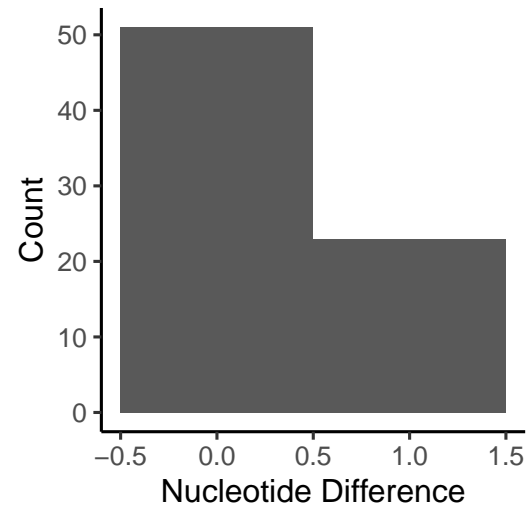
### TRBV10–2\*bp02

271 sequences assigned  
93 (34.3%) exact matches, in which:  
60 unique CDR3  
11 unique J



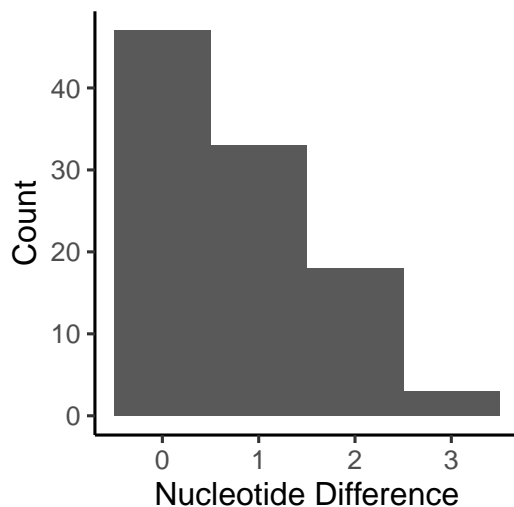
### TRBV14\*bp01

74 sequences assigned  
51 (68.9%) exact matches, in which:  
41 unique CDR3  
9 unique J



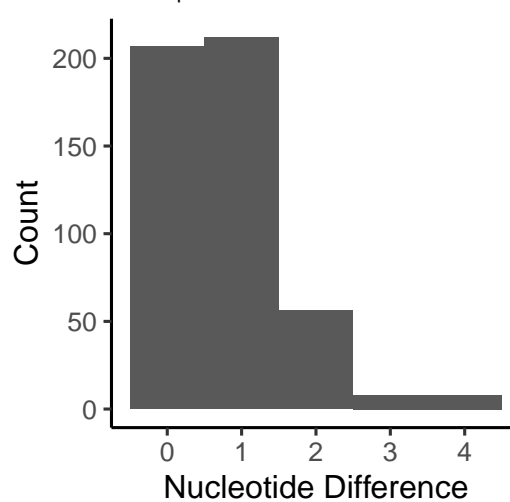
### TRBV10–1\*bp02

101 sequences assigned  
47 (46.5%) exact matches, in which:  
34 unique CDR3  
12 unique J



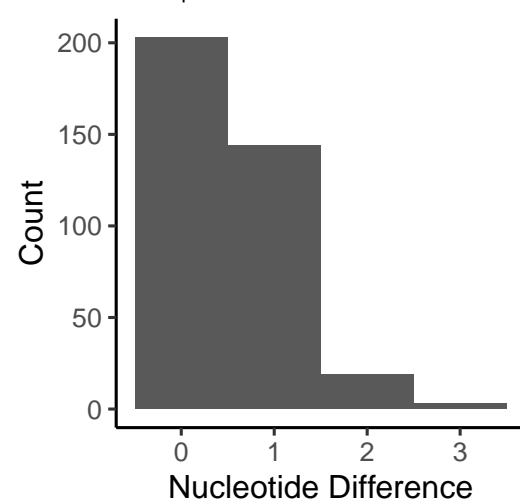
### TRBV10–3\*bp01

491 sequences assigned  
207 (42.2%) exact matches, in which:  
166 unique CDR3  
13 unique J



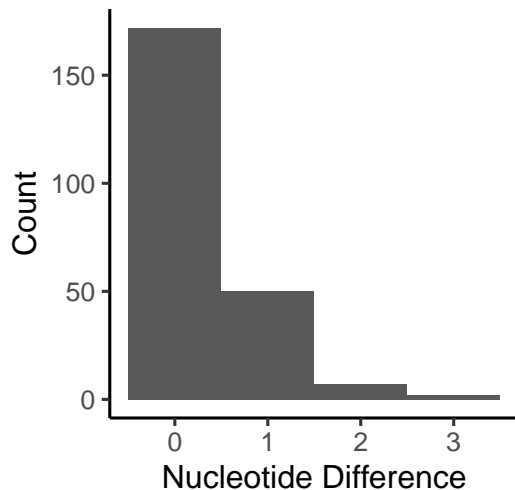
### TRBV15\*bp02

369 sequences assigned  
203 (55%) exact matches, in which:  
113 unique CDR3  
11 unique J



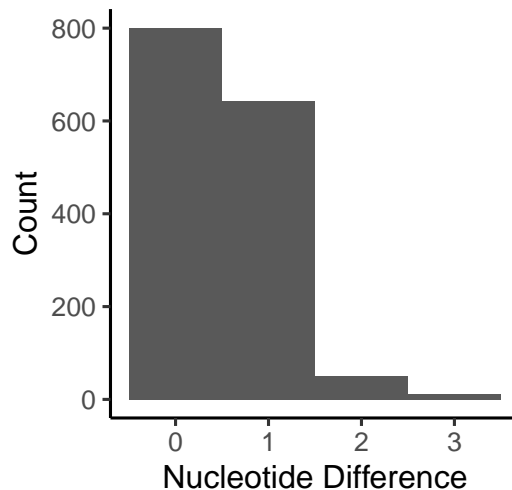
### TRBV18\*bp01

232 sequences assigned  
172 (74.1%) exact matches, in which:  
98 unique CDR3  
12 unique J



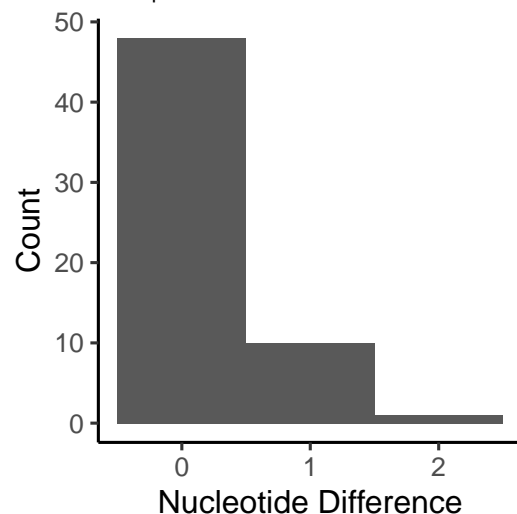
### TRBV27\*bp01

1506 sequences assigned  
801 (53.2%) exact matches, in which:  
602 unique CDR3  
14 unique J



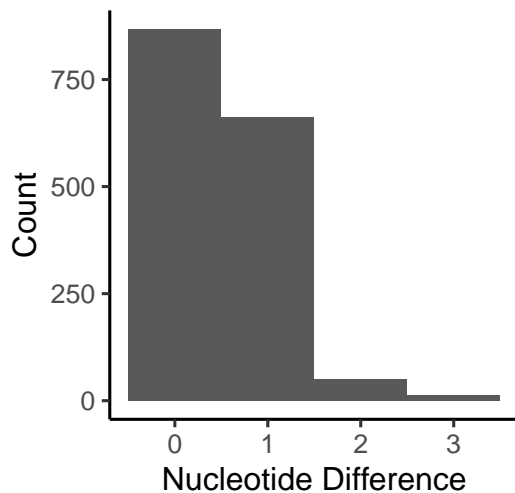
### TRBV9\*bp01

59 sequences assigned  
48 (81.4%) exact matches, in which:  
41 unique CDR3  
9 unique J



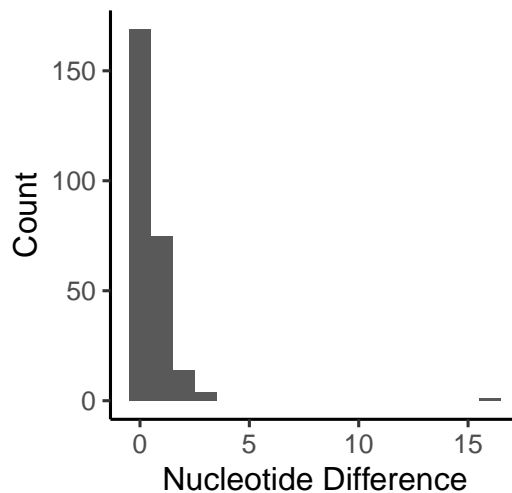
### TRBV19\*bp01

1594 sequences assigned  
868 (54.5%) exact matches, in which:  
524 unique CDR3  
14 unique J



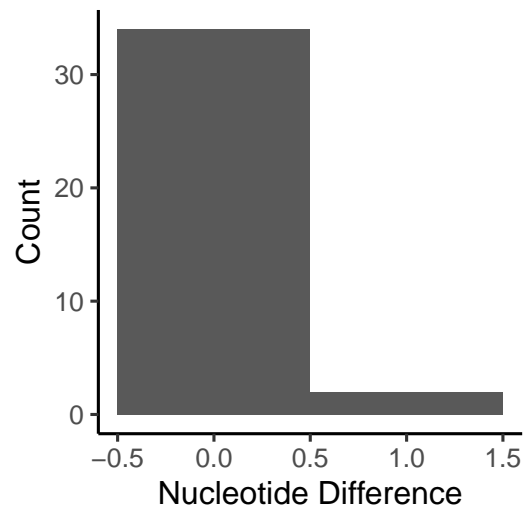
### TRBV28\*bp01

265 sequences assigned  
169 (63.8%) exact matches, in which:  
136 unique CDR3  
14 unique J



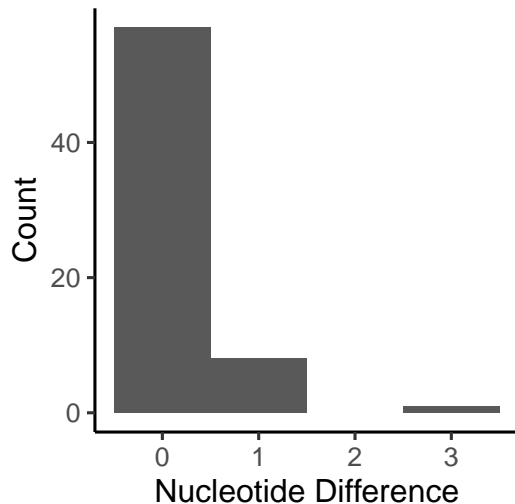
### TRBV9\*bp02

36 sequences assigned  
34 (94.4%) exact matches, in which:  
27 unique CDR3  
8 unique J



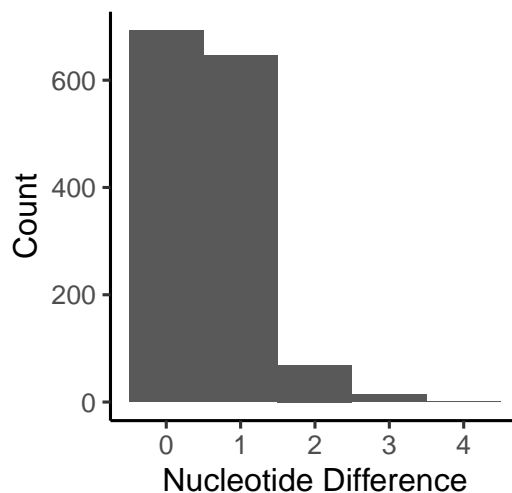
### TRBV2\*bp01

66 sequences assigned  
57 (86.4%) exact matches, in which:  
49 unique CDR3  
13 unique J



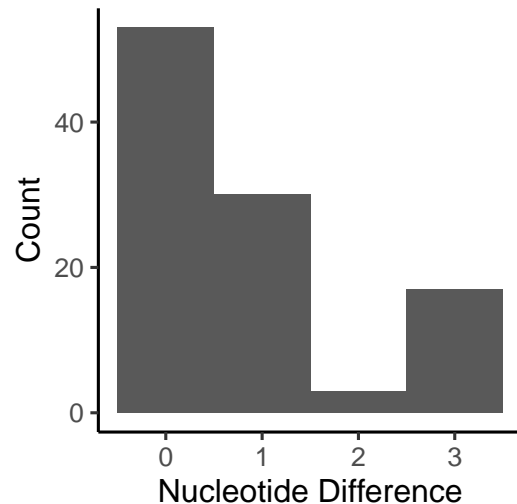
### TRBV30\*bp01

1423 sequences assigned  
693 (48.7%) exact matches, in which:  
352 unique CDR3  
13 unique J



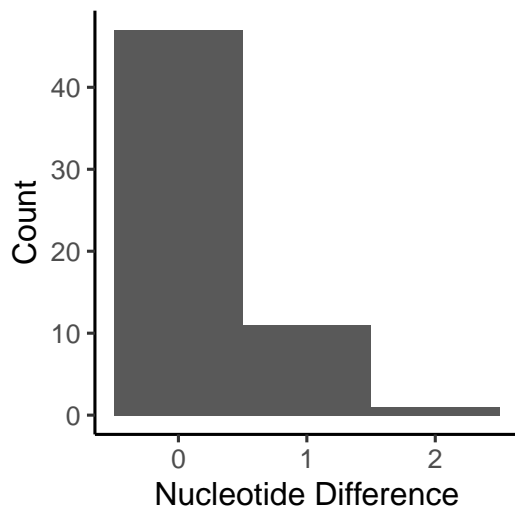
### TRBV11-1\*bp01

103 sequences assigned  
53 (51.5%) exact matches, in which:  
43 unique CDR3  
11 unique J



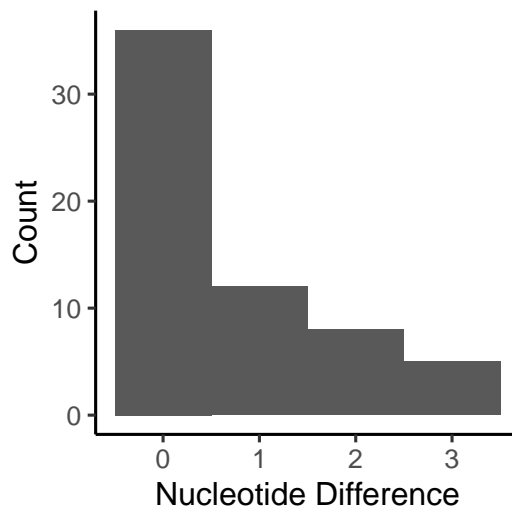
### TRBV21-1\*bp02

59 sequences assigned  
47 (79.7%) exact matches, in which:  
42 unique CDR3  
11 unique J



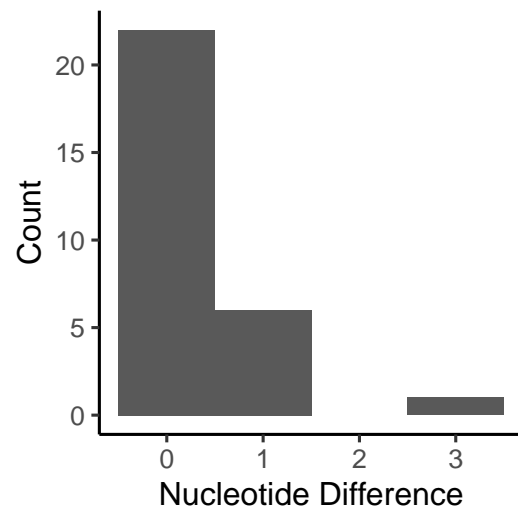
### TRBV11-3\*bp01

61 sequences assigned  
36 (59%) exact matches, in which:  
33 unique CDR3  
10 unique J



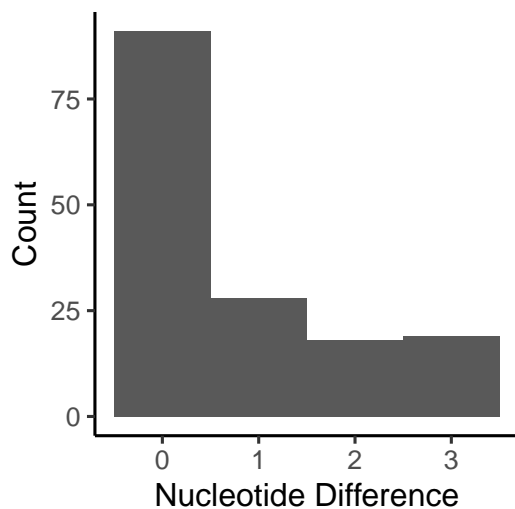
### TRBV23-1\*bp01

29 sequences assigned  
22 (75.9%) exact matches, in which:  
17 unique CDR3  
9 unique J



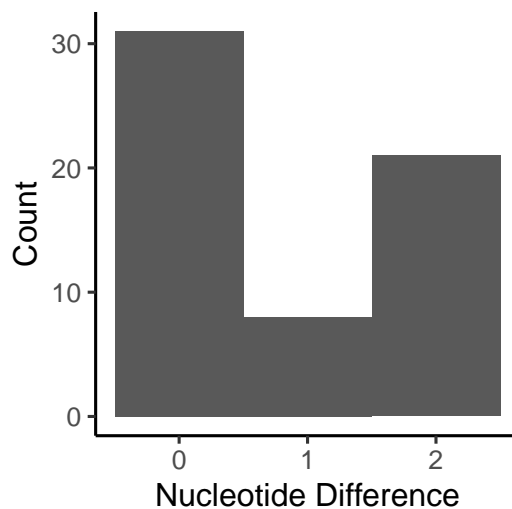
### TRBV11-2\*bp01

156 sequences assigned  
91 (58.3%) exact matches, in which:  
81 unique CDR3  
13 unique J



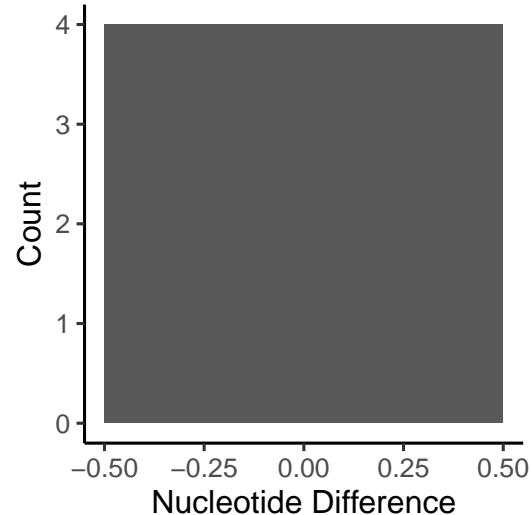
### TRBV12-5\*bp01

60 sequences assigned  
31 (51.7%) exact matches, in which:  
25 unique CDR3  
11 unique J



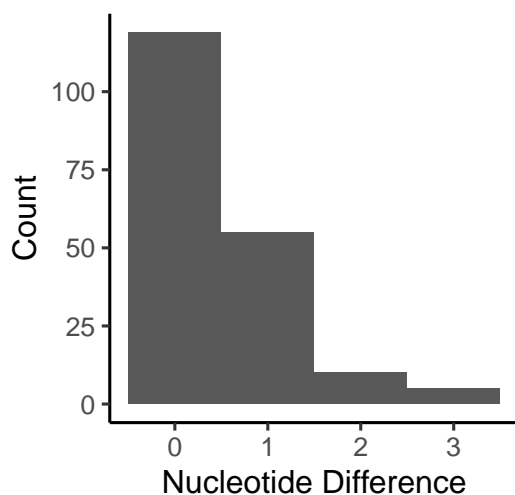
### TRBV3-1\*bp01

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



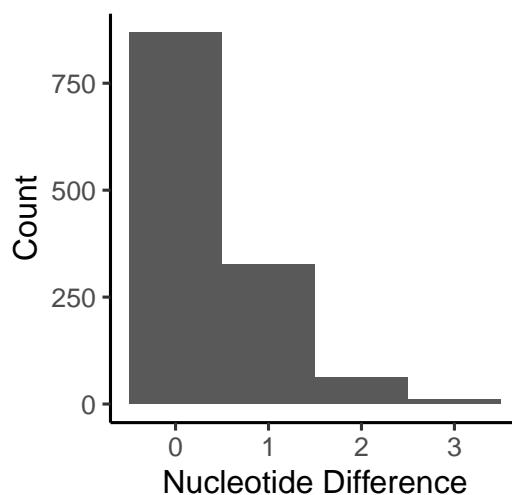
### TRBV11-2\*bp03

189 sequences assigned  
119 (63%) exact matches, in which:  
95 unique CDR3  
11 unique J



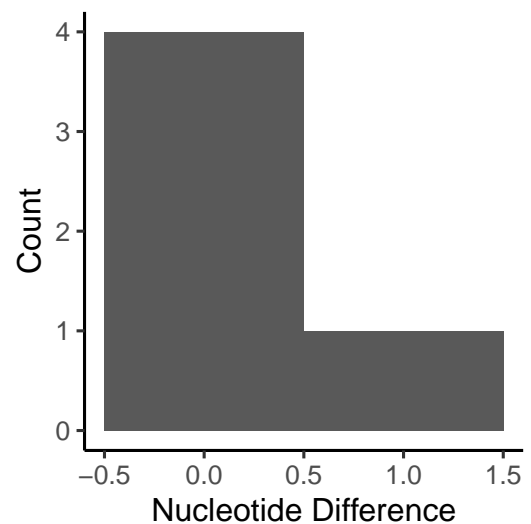
### TRBV12-34\*bp01

1267 sequences assigned  
869 (68.6%) exact matches, in which:  
467 unique CDR3  
14 unique J



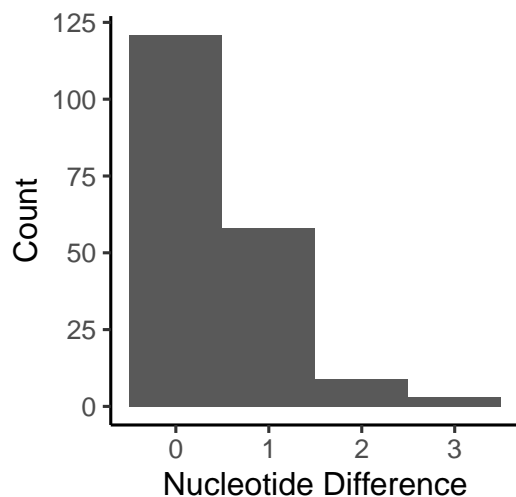
### TRBV3-2\*bp01

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



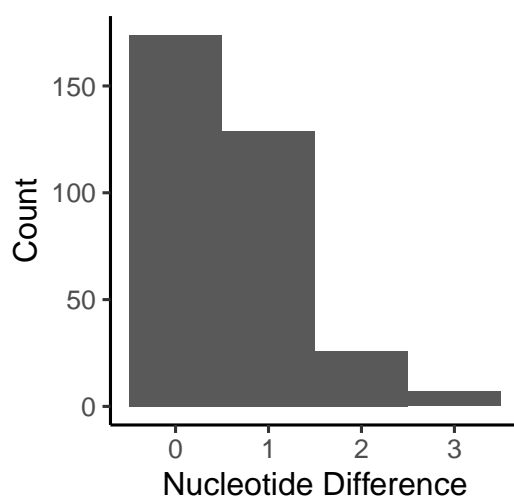
### TRBV4-1\*bp01

191 sequences assigned  
121 (63.4%) exact matches, in which:  
89 unique CDR3  
13 unique J



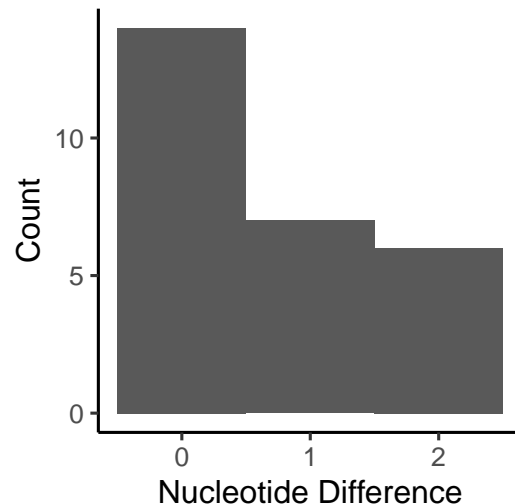
### TRBV4-3\*bp01

336 sequences assigned  
174 (51.8%) exact matches, in which:  
131 unique CDR3  
14 unique J



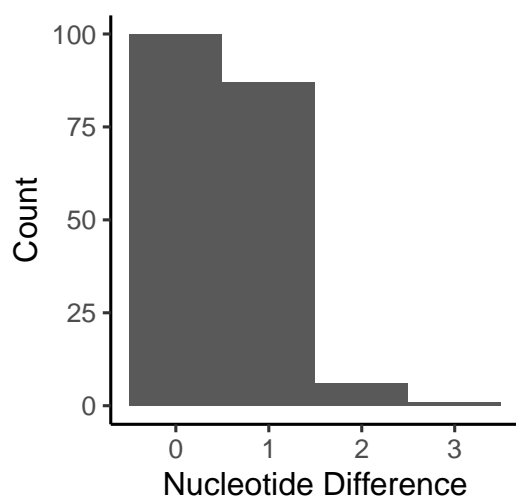
### TRBV5-3\*bp01

27 sequences assigned  
14 (51.9%) exact matches, in which:  
10 unique CDR3  
7 unique J



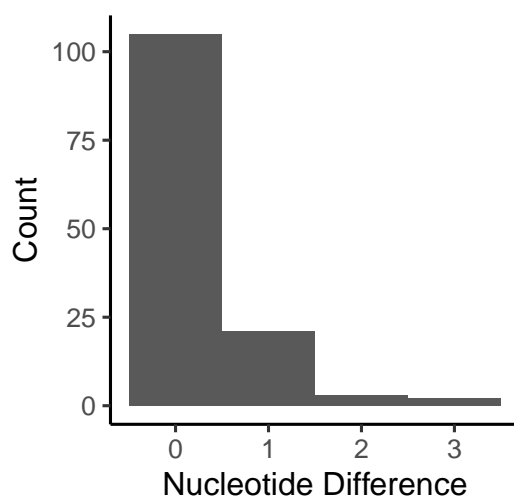
### TRBV24-1\*bp02

194 sequences assigned  
100 (51.5%) exact matches, in which:  
69 unique CDR3  
11 unique J



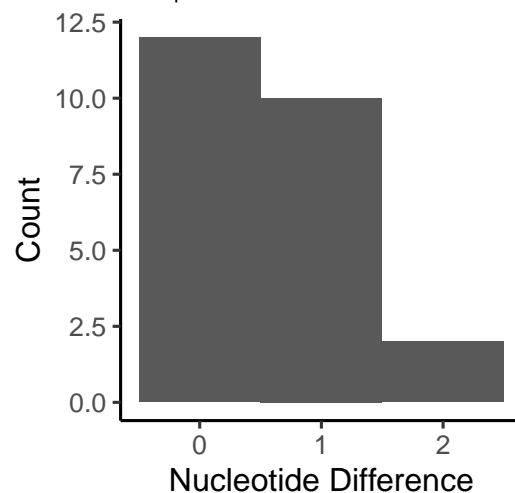
### TRBV25-1\*bp01

131 sequences assigned  
105 (80.2%) exact matches, in which:  
59 unique CDR3  
10 unique J



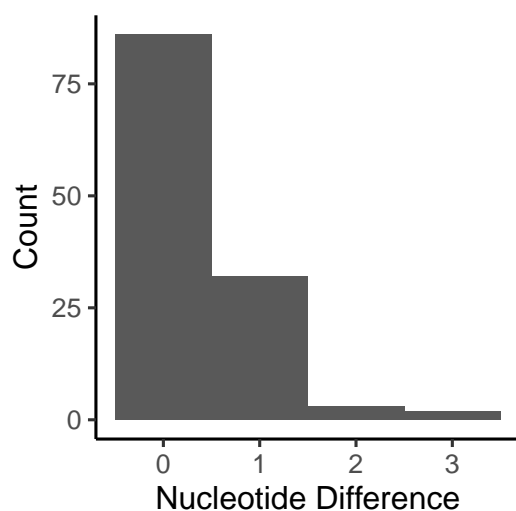
### TRBV5-3\*bp02

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



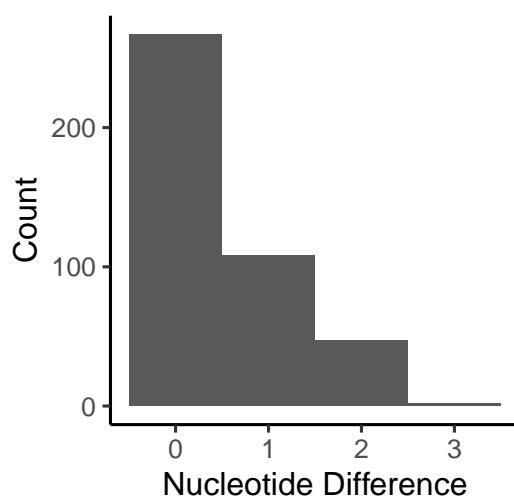
### TRBV4-2\*bp01

123 sequences assigned  
86 (69.9%) exact matches, in which:  
71 unique CDR3  
12 unique J



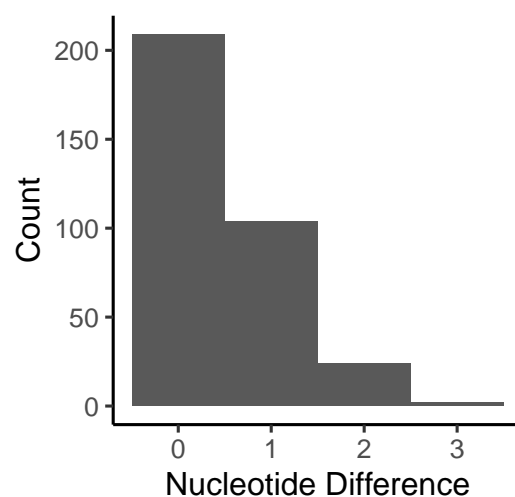
### TRBV5-1\*bp01

424 sequences assigned  
267 (63%) exact matches, in which:  
178 unique CDR3  
13 unique J



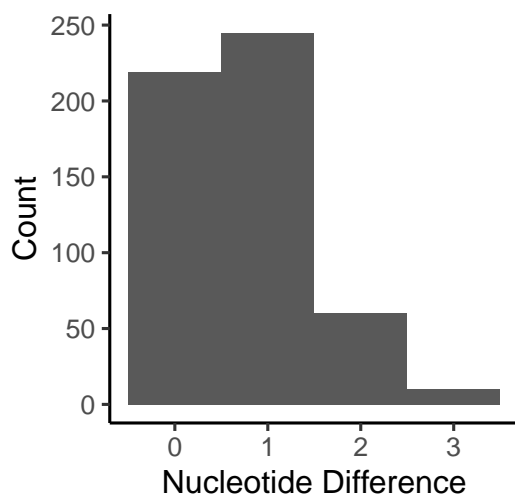
### TRBV5-4\*bp01

339 sequences assigned  
209 (61.7%) exact matches, in which:  
141 unique CDR3  
13 unique J



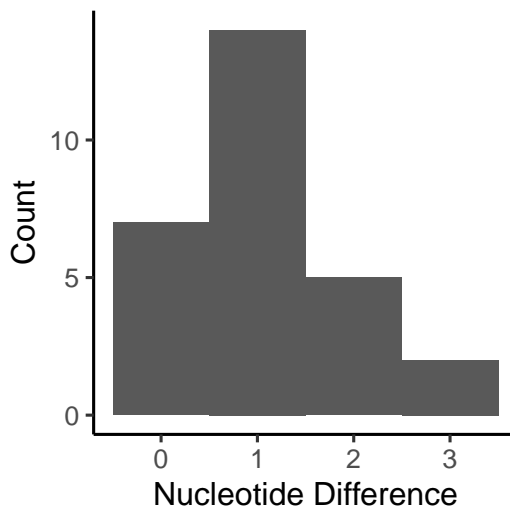
### TRBV5-5\*bp01

534 sequences assigned  
219 (41%) exact matches, in which:  
163 unique CDR3  
13 unique J



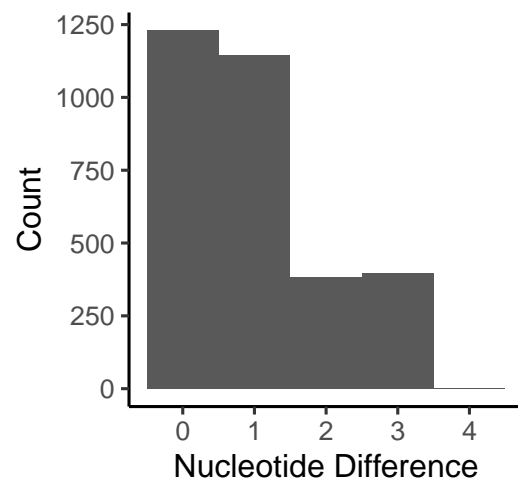
### TRBV5-8\*bp01

28 sequences assigned  
7 (25%) exact matches, in which:  
7 unique CDR3  
4 unique J



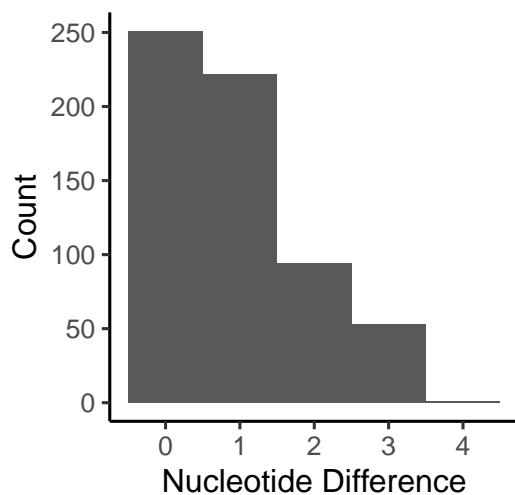
### TRBV6-5\*bp01

3156 sequences assigned  
1230 (39%) exact matches, in which:  
915 unique CDR3  
14 unique J



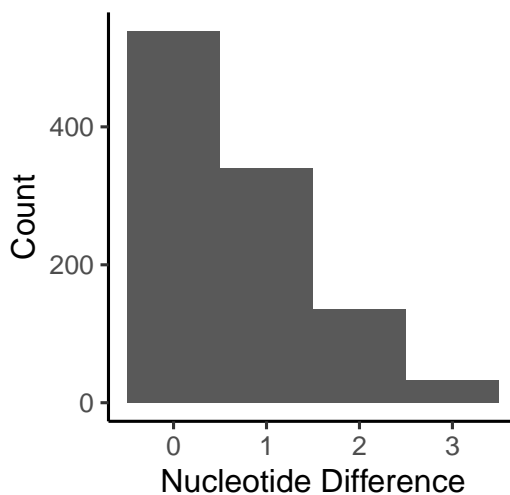
### TRBV5-6\*bp01

621 sequences assigned  
251 (40.4%) exact matches, in which:  
150 unique CDR3  
14 unique J



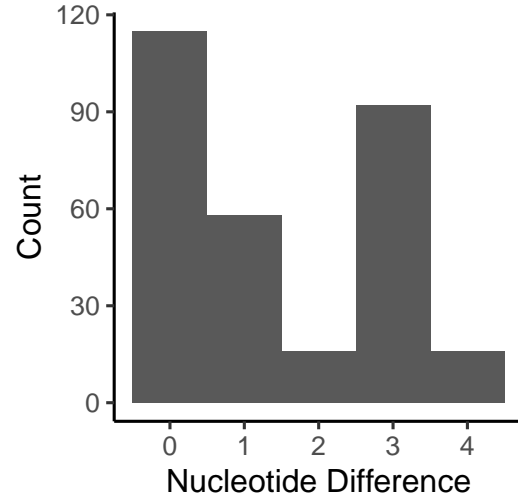
### TRBV6-1\*bp01

1047 sequences assigned  
539 (51.5%) exact matches, in which:  
440 unique CDR3  
14 unique J



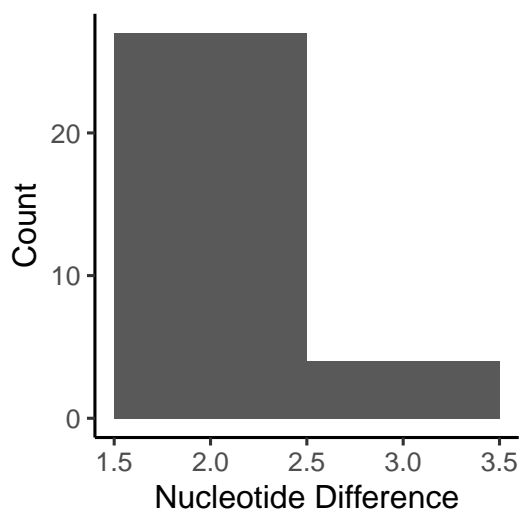
### TRBV6-6\*bp01

297 sequences assigned  
115 (38.7%) exact matches, in which:  
99 unique CDR3  
12 unique J



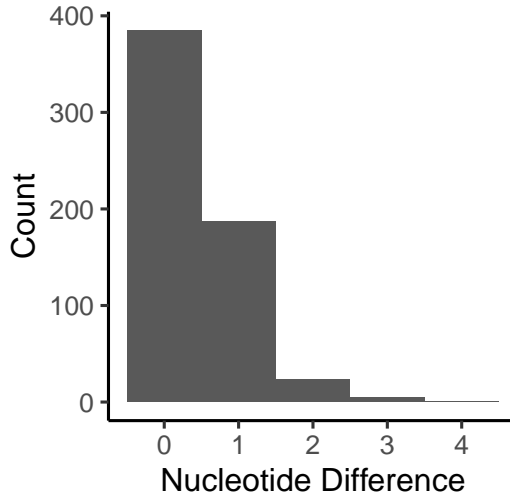
### TRBV5-7\*bp01

31 sequences assigned  
No exact matches.



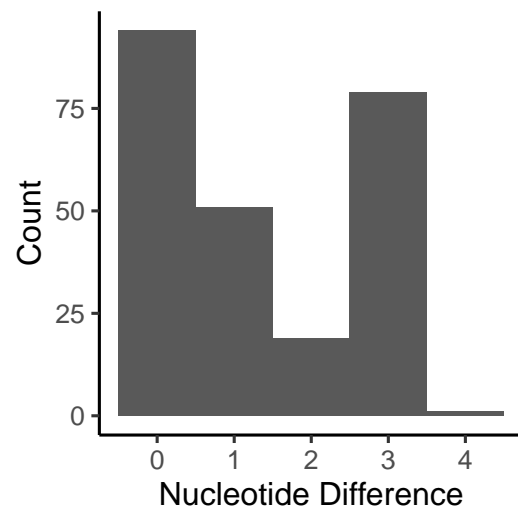
### TRBV6-4\*bp01

601 sequences assigned  
385 (64.1%) exact matches, in which:  
285 unique CDR3  
14 unique J



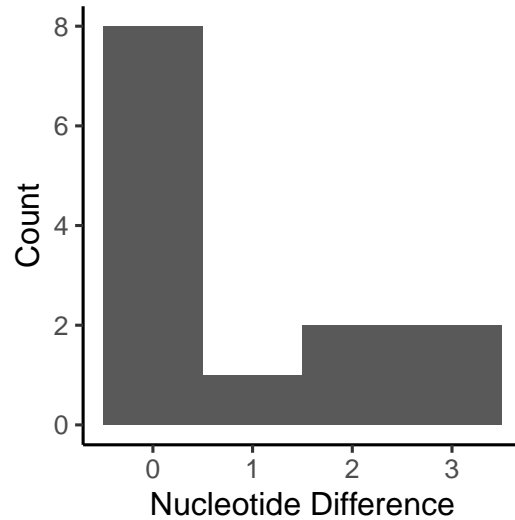
### TRBV6-6\*bp02

244 sequences assigned  
94 (38.5%) exact matches, in which:  
85 unique CDR3  
13 unique J



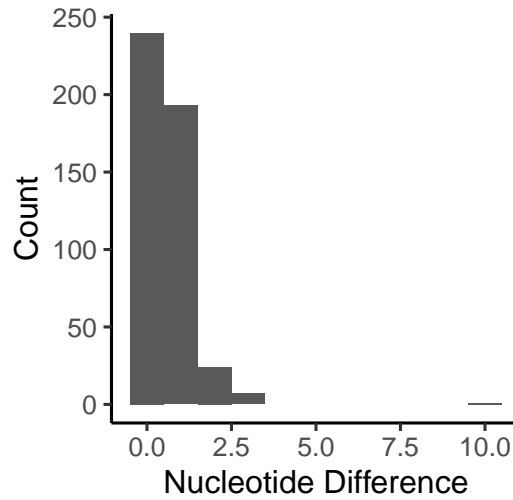
### TRBV6-7\*bp01

13 sequences assigned  
8 (61.5%) exact matches, in which:  
8 unique CDR3  
6 unique J



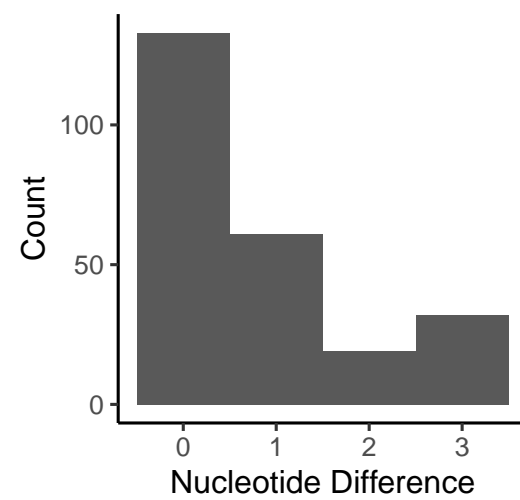
### TRBV6-23\*bp01

465 sequences assigned  
240 (51.6%) exact matches, in which:  
210 unique CDR3  
13 unique J



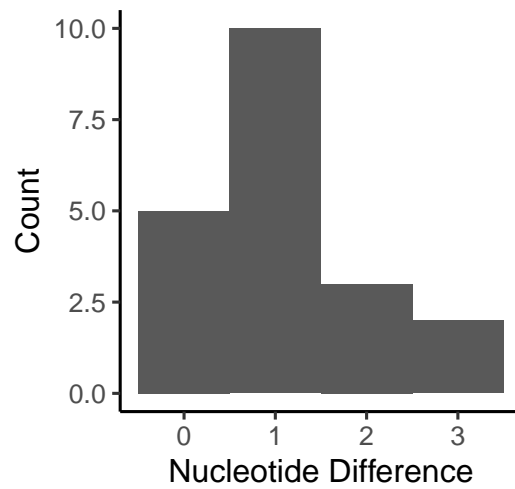
### TRBV7-3\*bp01

245 sequences assigned  
133 (54.3%) exact matches, in which:  
77 unique CDR3  
12 unique J



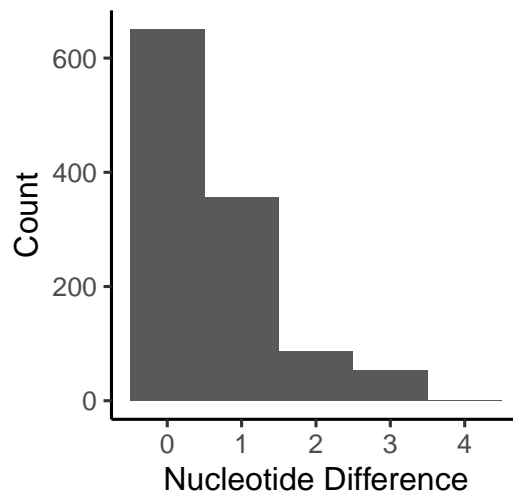
### TRBV6-8\*bp01

20 sequences assigned  
5 (25%) exact matches, in which:  
5 unique CDR3  
3 unique J



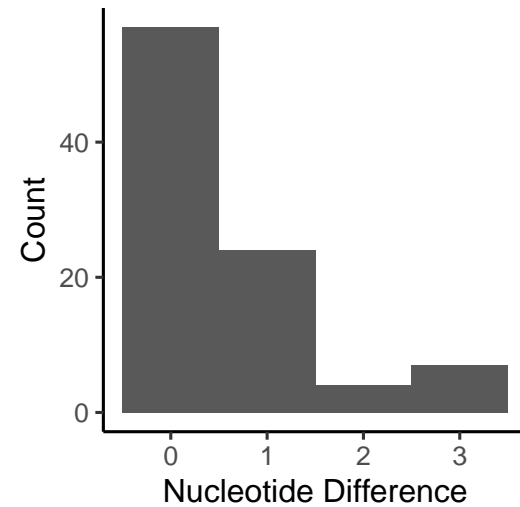
### TRBV7-2\*bp01

1147 sequences assigned  
651 (56.8%) exact matches, in which:  
352 unique CDR3  
14 unique J



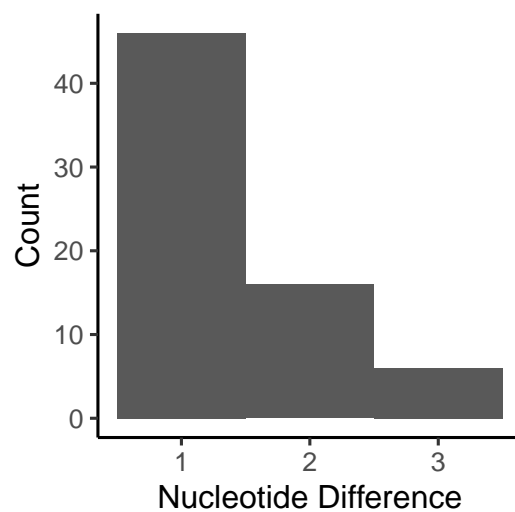
### TRBV7-3\*bp03

92 sequences assigned  
57 (62%) exact matches, in which:  
29 unique CDR3  
10 unique J



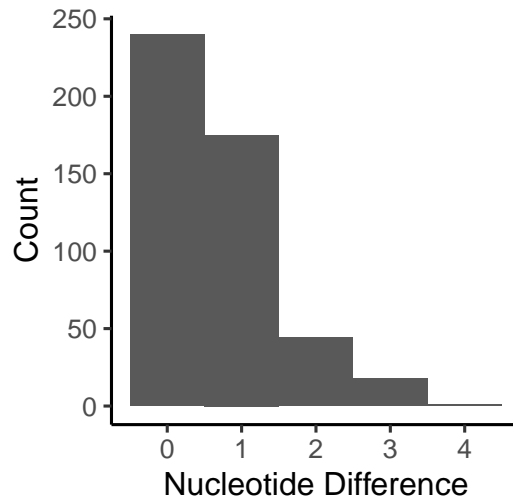
### TRBV6-9\*bp01

69 sequences assigned  
No exact matches.



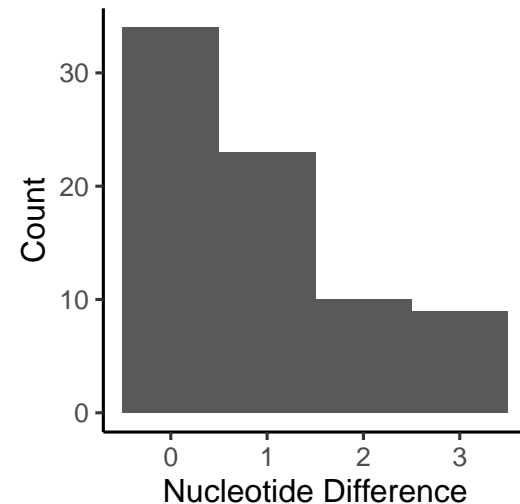
### TRBV7-2\*bp02

478 sequences assigned  
240 (50.2%) exact matches, in which:  
136 unique CDR3  
14 unique J



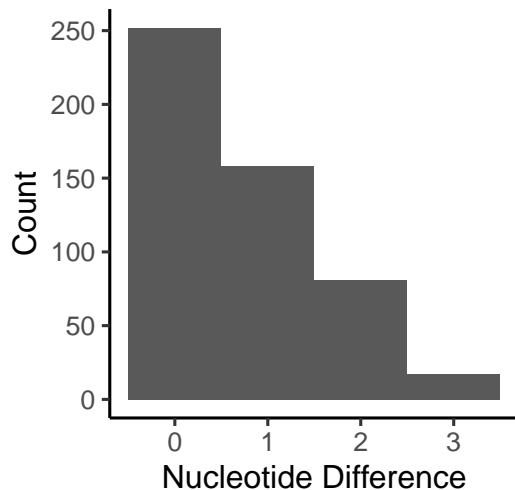
### TRBV7-4\*bp01

76 sequences assigned  
34 (44.7%) exact matches, in which:  
23 unique CDR3  
7 unique J



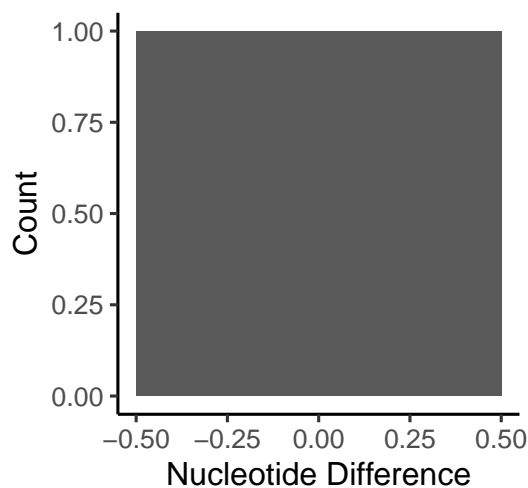
### TRBV7-6\*bp01

508 sequences assigned  
252 (49.6%) exact matches, in which:  
137 unique CDR3  
12 unique J



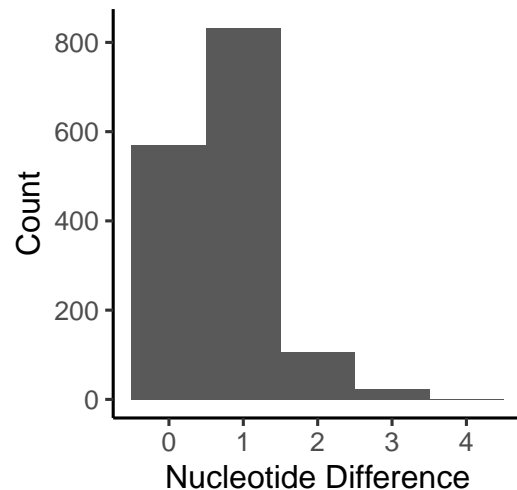
### TRBV7-8\*bp02

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



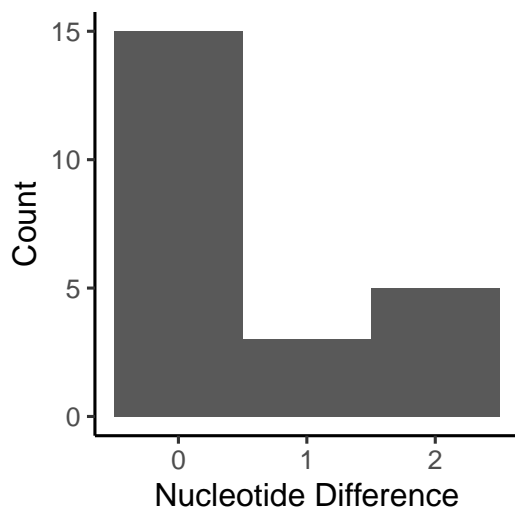
### TRBV29-1\*bp01

1535 sequences assigned  
570 (37.1%) exact matches, in which:  
347 unique CDR3  
13 unique J



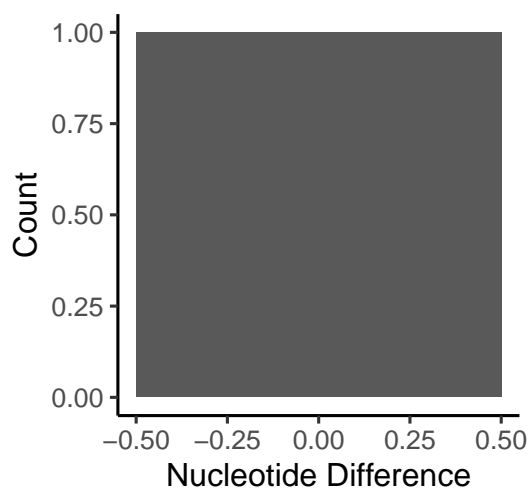
### TRBV7-7\*bp01

23 sequences assigned  
15 (65.2%) exact matches, in which:  
12 unique CDR3  
7 unique J



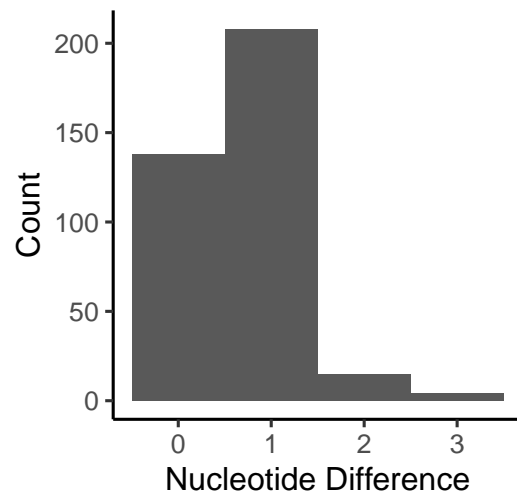
### TRBV7-8\*bp03

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



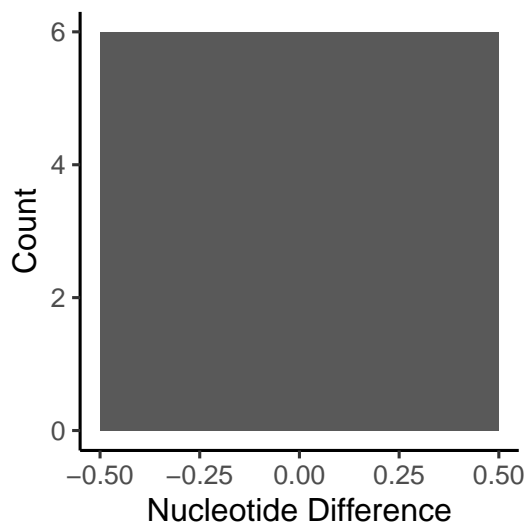
### TRBV29-1\*bp03

365 sequences assigned  
138 (37.8%) exact matches, in which:  
94 unique CDR3  
10 unique J



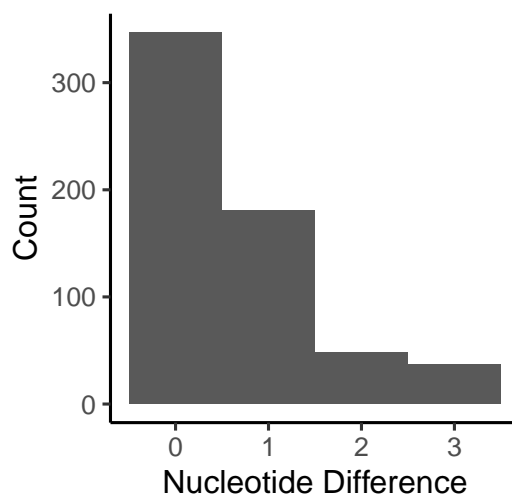
### TRBV7-8\*bp01

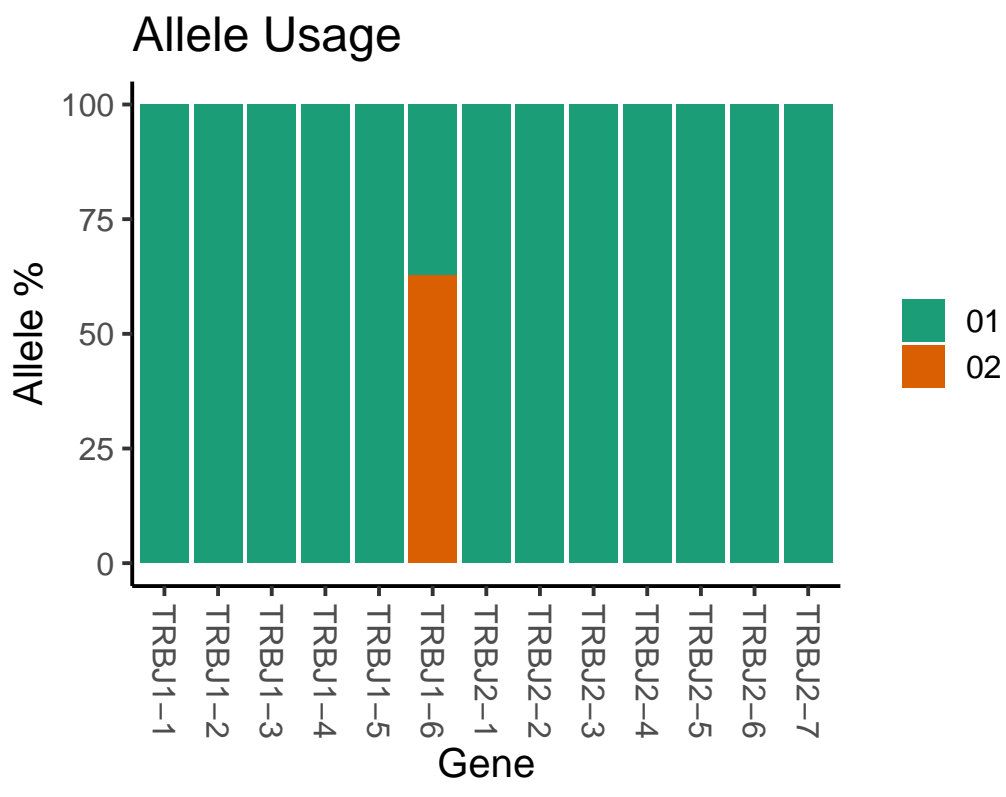
6 sequences assigned  
6 (100%) exact matches, in which:  
4 unique CDR3  
2 unique J



### TRBV7-9\*bp01

613 sequences assigned  
347 (56.6%) exact matches, in which:  
196 unique CDR3  
12 unique J







Sequence Count by TRBJ1–6 allele usage

