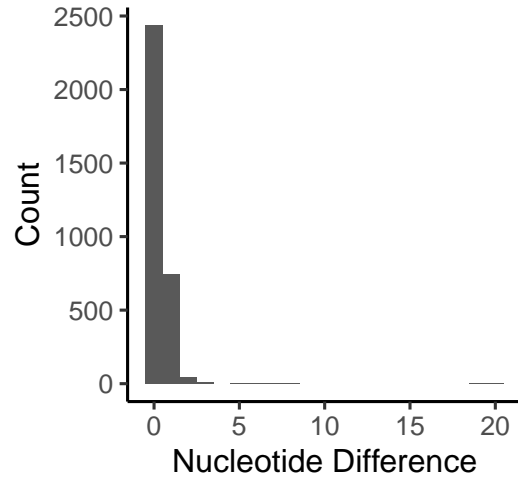


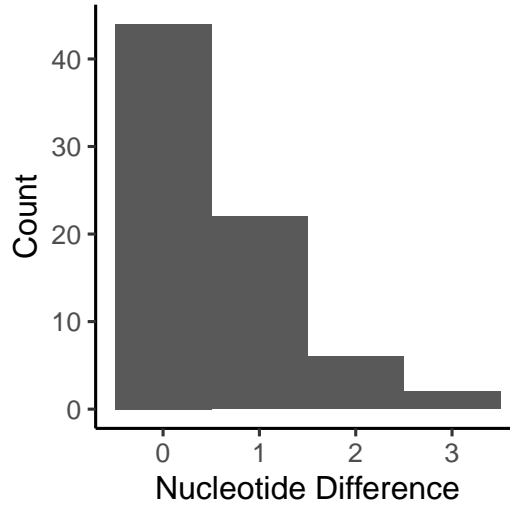
### TRBV20-1\*bp01

3249 sequences assigned  
2436 (75%) exact matches, in which:  
1418 unique CDR3  
13 unique J



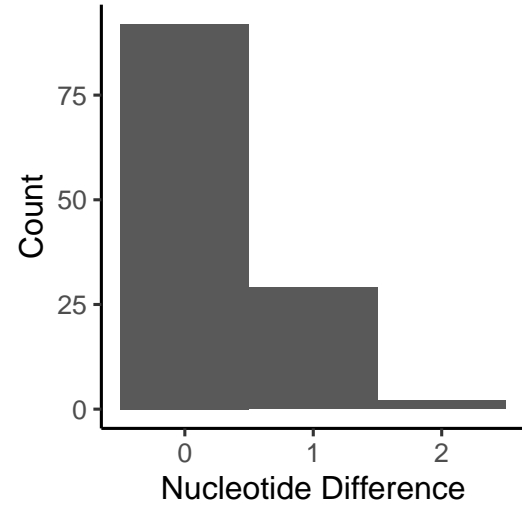
### TRBV10-2\*bp01

74 sequences assigned  
44 (59.5%) exact matches, in which:  
36 unique CDR3  
11 unique J



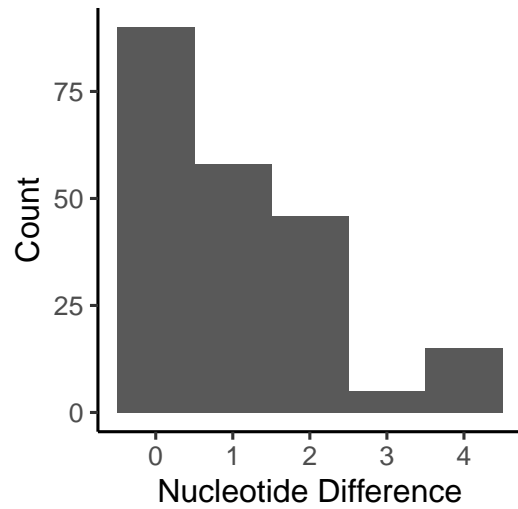
### TRBV14\*bp01

123 sequences assigned  
92 (74.8%) exact matches, in which:  
76 unique CDR3  
12 unique J



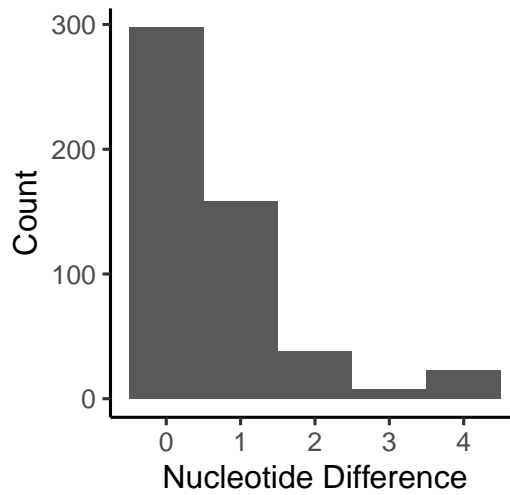
### TRBV10-1\*bp01

214 sequences assigned  
90 (42.1%) exact matches, in which:  
73 unique CDR3  
13 unique J



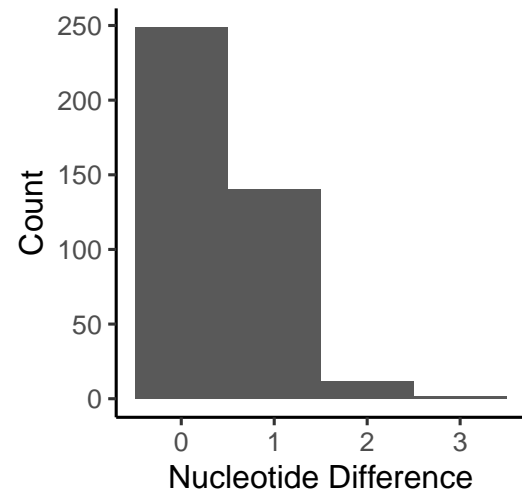
### TRBV10-3\*bp01

525 sequences assigned  
298 (56.8%) exact matches, in which:  
260 unique CDR3  
13 unique J



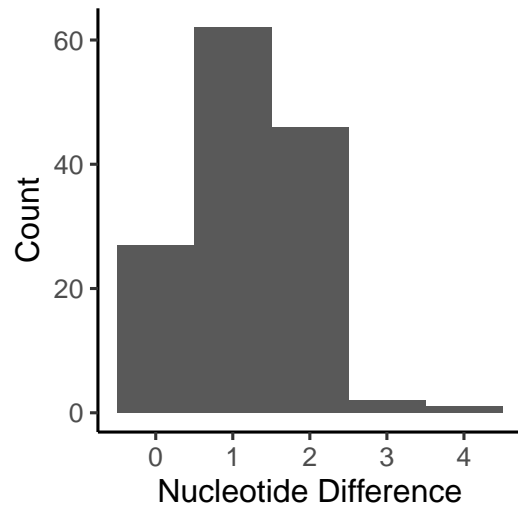
### TRBV15\*bp02

403 sequences assigned  
249 (61.8%) exact matches, in which:  
180 unique CDR3  
13 unique J



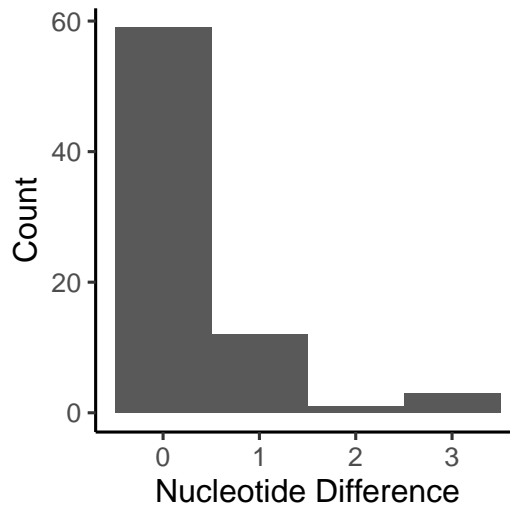
### TRBV10-1\*bp02

138 sequences assigned  
27 (19.6%) exact matches, in which:  
26 unique CDR3  
9 unique J



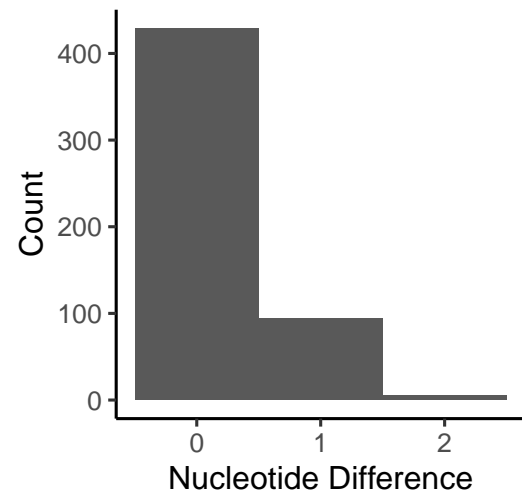
### TRBV13\*bp01

75 sequences assigned  
59 (78.7%) exact matches, in which:  
45 unique CDR3  
11 unique J



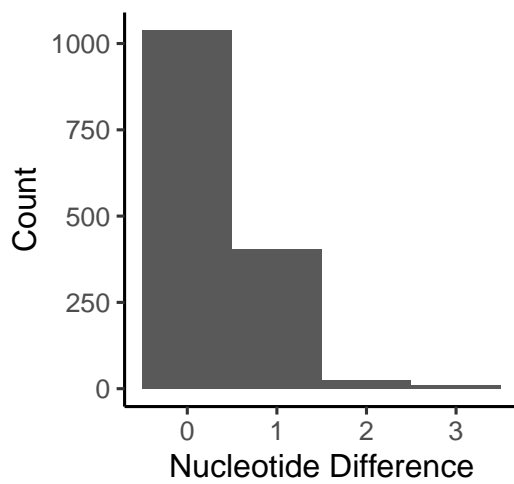
### TRBV18\*bp01

528 sequences assigned  
429 (81.2%) exact matches, in which:  
288 unique CDR3  
13 unique J



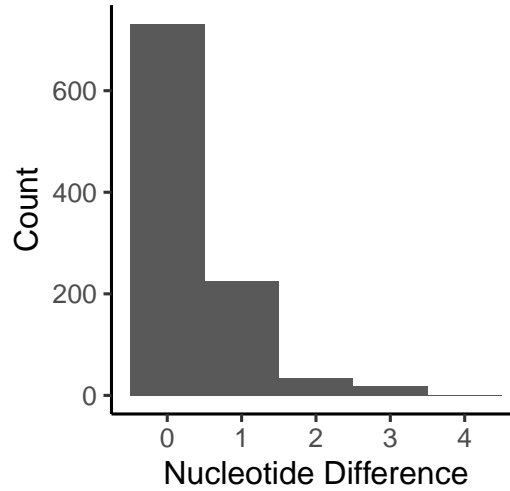
### TRBV19\*bp01

1478 sequences assigned  
1038 (70.2%) exact matches, in which:  
745 unique CDR3  
13 unique J



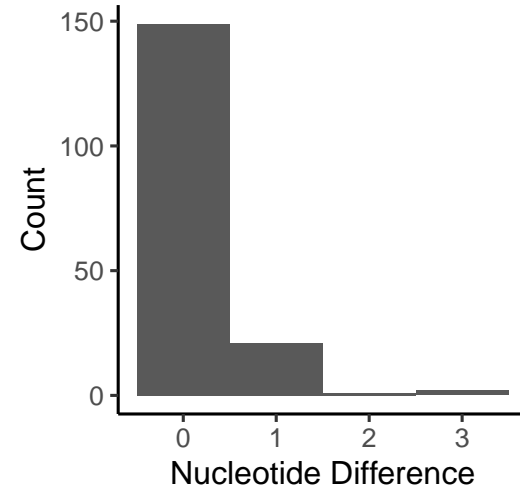
### TRBV28\*bp01

1012 sequences assigned  
732 (72.3%) exact matches, in which:  
635 unique CDR3  
13 unique J



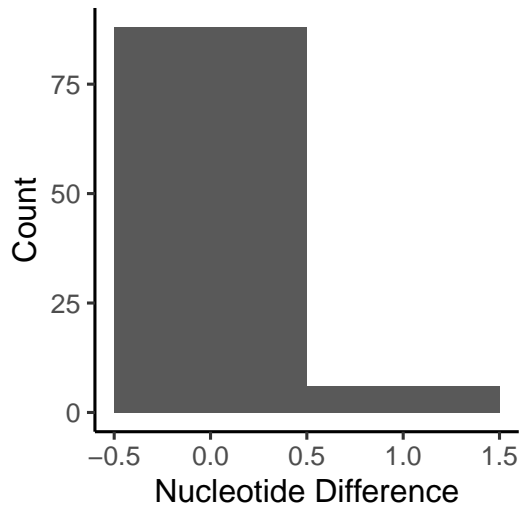
### TRBV21-1\*bp01

173 sequences assigned  
149 (86.1%) exact matches, in which:  
140 unique CDR3  
13 unique J



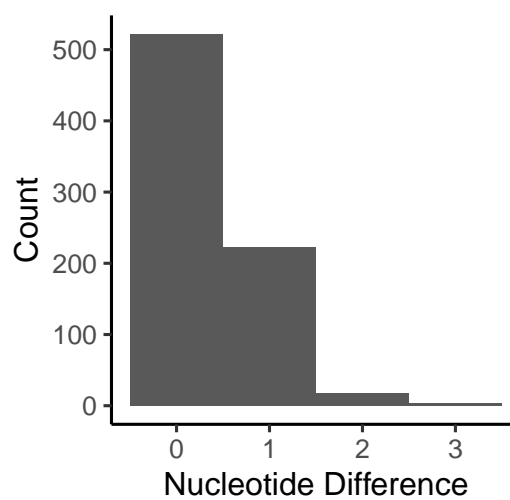
### TRBV2\*bp01

94 sequences assigned  
88 (93.6%) exact matches, in which:  
83 unique CDR3  
12 unique J



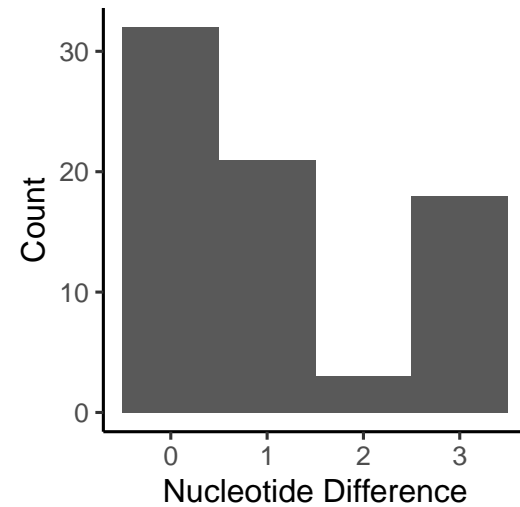
### TRBV30\*bp01

766 sequences assigned  
522 (68.1%) exact matches, in which:  
295 unique CDR3  
13 unique J



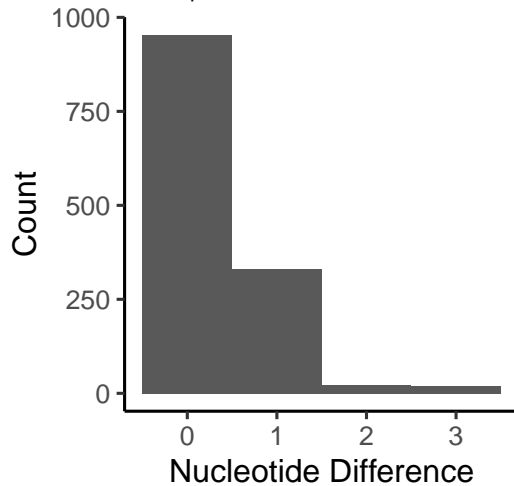
### TRBV11-1\*bp01

74 sequences assigned  
32 (43.2%) exact matches, in which:  
25 unique CDR3  
9 unique J



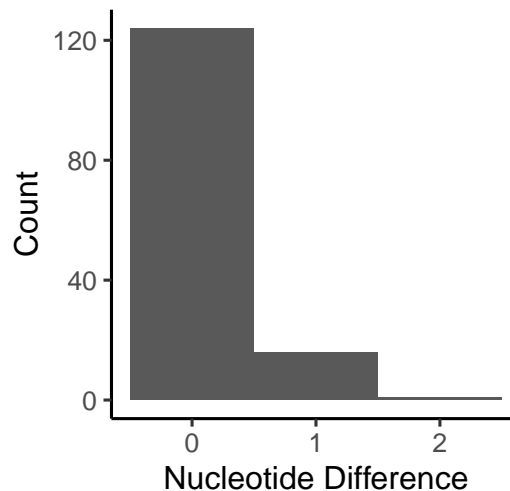
### TRBV27\*bp01

1325 sequences assigned  
953 (71.9%) exact matches, in which:  
847 unique CDR3  
13 unique J



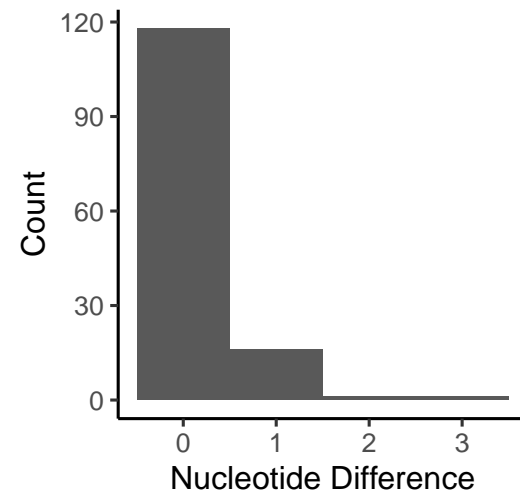
### TRBV9\*bp01

141 sequences assigned  
124 (87.9%) exact matches, in which:  
110 unique CDR3  
13 unique J



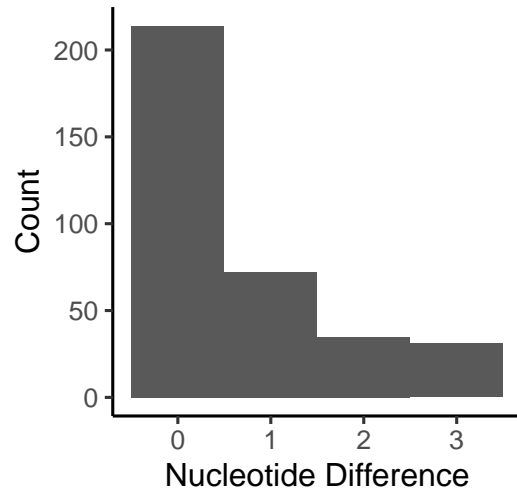
### TRBV21-1\*bp02

136 sequences assigned  
118 (86.8%) exact matches, in which:  
111 unique CDR3  
13 unique J



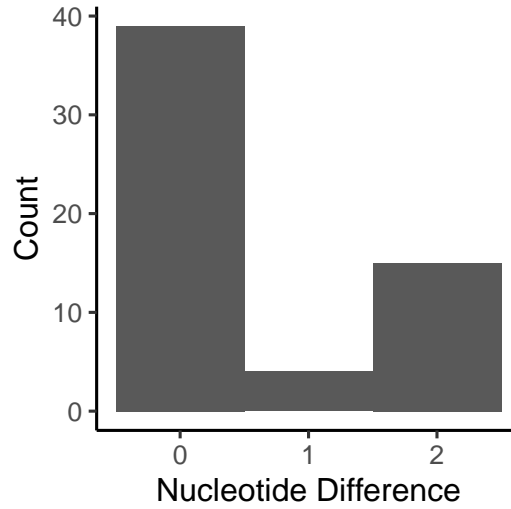
### TRBV11–2\*bp01

352 sequences assigned  
214 (60.8%) exact matches, in which:  
190 unique CDR3  
13 unique J



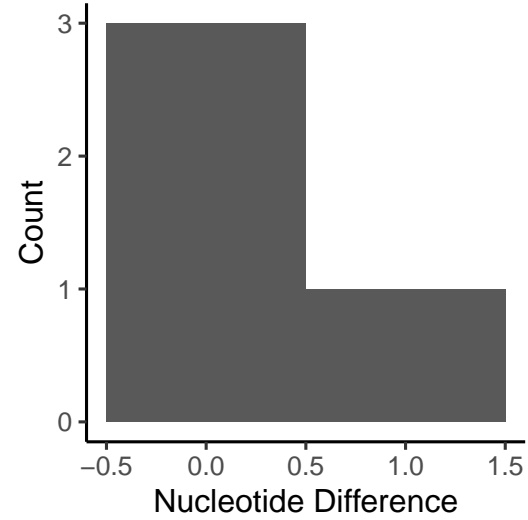
### TRBV12–5\*bp01

58 sequences assigned  
39 (67.2%) exact matches, in which:  
34 unique CDR3  
8 unique J



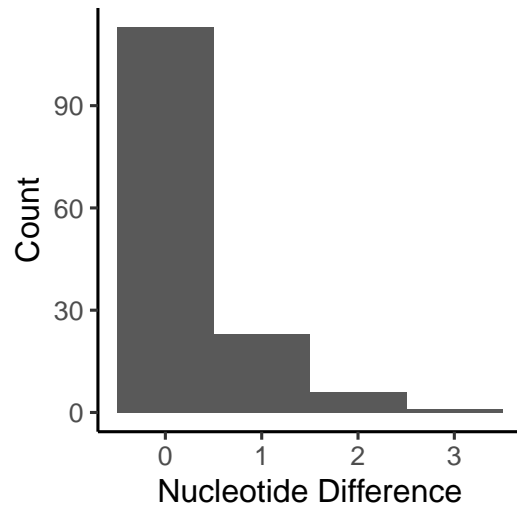
### TRBV3–1\*bp01

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



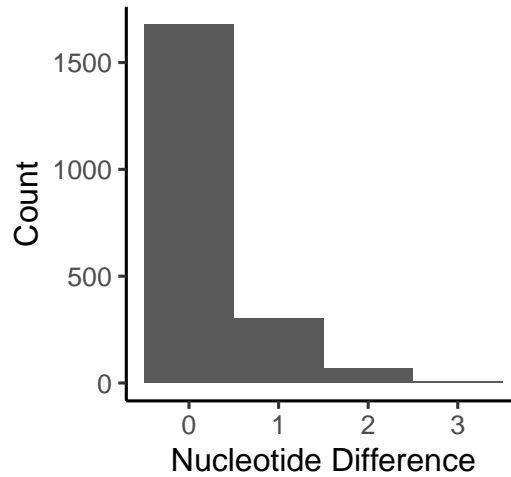
### TRBV11–2\*bp03

143 sequences assigned  
113 (79%) exact matches, in which:  
102 unique CDR3  
12 unique J



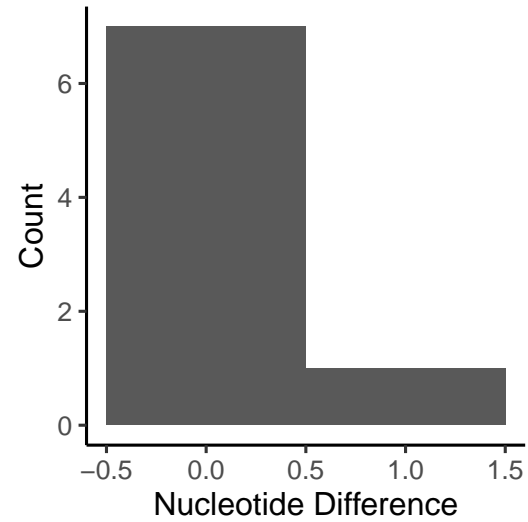
### TRBV12–34\*bp01

2056 sequences assigned  
1677 (81.6%) exact matches, in which:  
1022 unique CDR3  
14 unique J



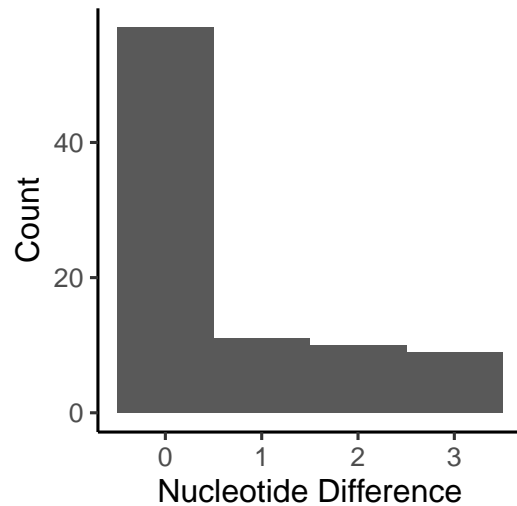
### TRBV3–2\*bp01

8 sequences assigned  
7 (87.5%) exact matches, in which:  
7 unique CDR3  
4 unique J



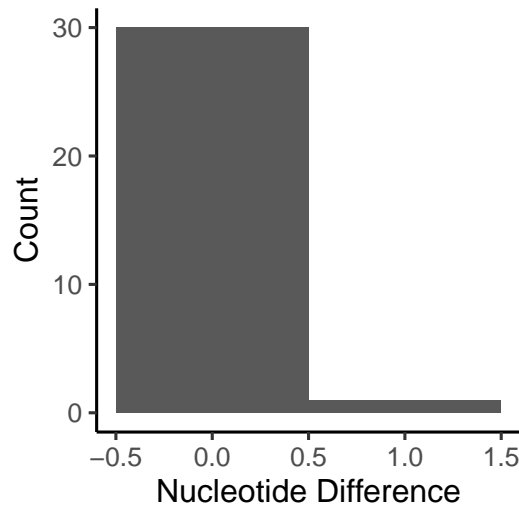
### TRBV11–3\*bp01

87 sequences assigned  
57 (65.5%) exact matches, in which:  
53 unique CDR3  
13 unique J



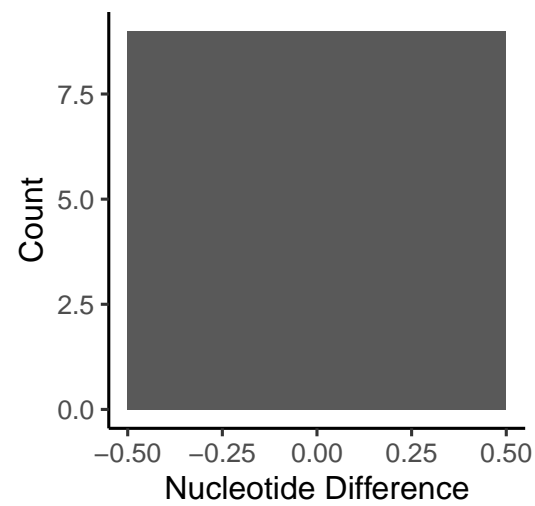
### TRBV23–1\*bp01

31 sequences assigned  
30 (96.8%) exact matches, in which:  
28 unique CDR3  
10 unique J



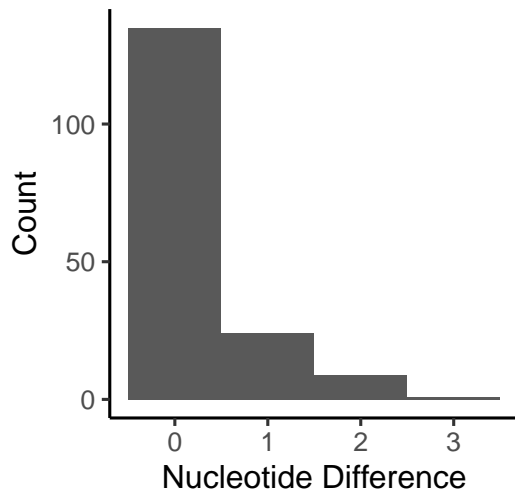
### TRBV3–2\*bp02

9 sequences assigned  
9 (100%) exact matches, in which:  
9 unique CDR3  
6 unique J



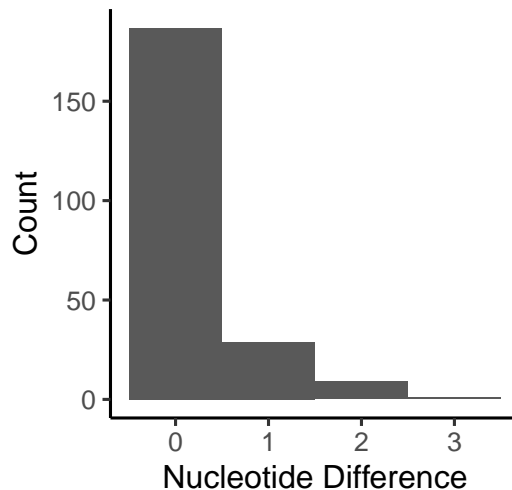
### TRBV4-1\*bp01

169 sequences assigned  
135 (79.9%) exact matches, in which:  
114 unique CDR3  
13 unique J



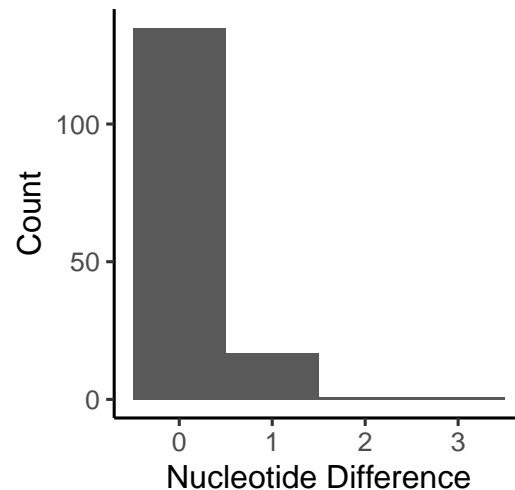
### TRBV4-2\*bp01

226 sequences assigned  
187 (82.7%) exact matches, in which:  
170 unique CDR3  
13 unique J



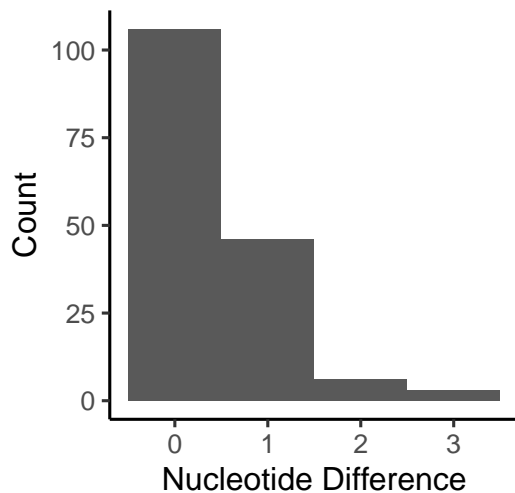
### TRBV25-1\*bp01

154 sequences assigned  
135 (87.7%) exact matches, in which:  
81 unique CDR3  
13 unique J



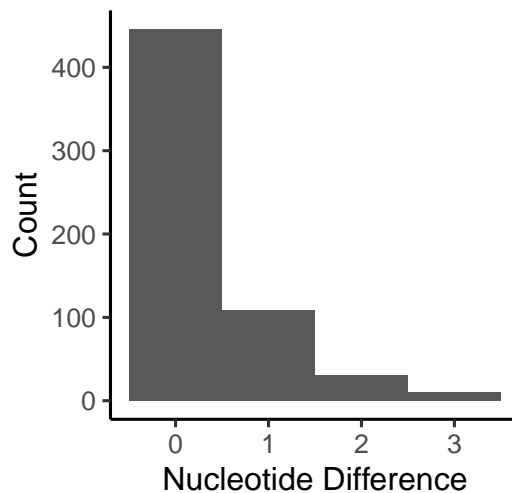
### TRBV24-1\*bp01

161 sequences assigned  
106 (65.8%) exact matches, in which:  
91 unique CDR3  
12 unique J



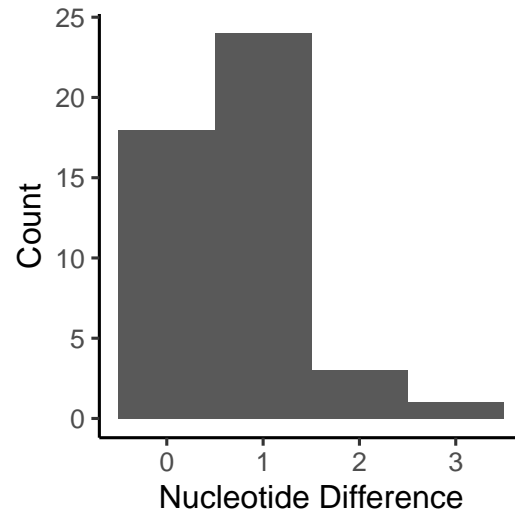
### TRBV4-3\*bp01

596 sequences assigned  
446 (74.8%) exact matches, in which:  
361 unique CDR3  
13 unique J



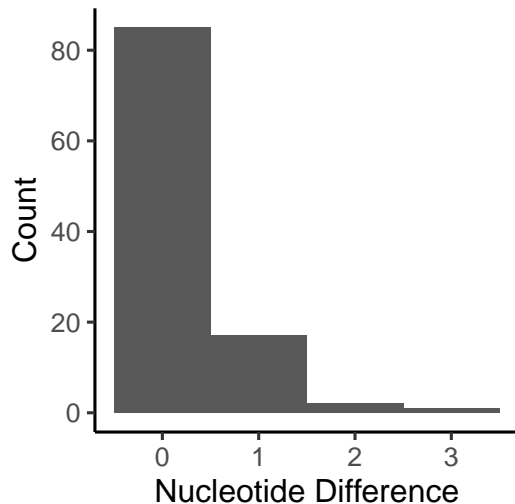
### TRBV5-3\*bp01

46 sequences assigned  
18 (39.1%) exact matches, in which:  
14 unique CDR3  
8 unique J



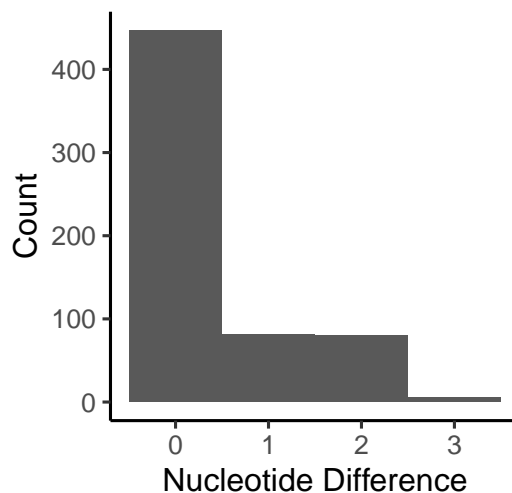
### TRBV24-1\*bp02

105 sequences assigned  
85 (81%) exact matches, in which:  
78 unique CDR3  
11 unique J



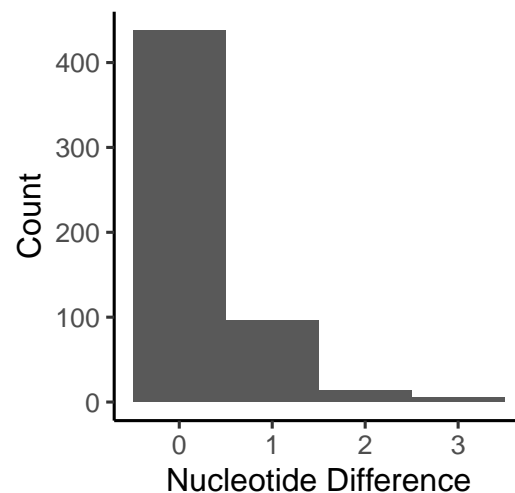
### TRBV5-1\*bp01

613 sequences assigned  
447 (72.9%) exact matches, in which:  
353 unique CDR3  
13 unique J



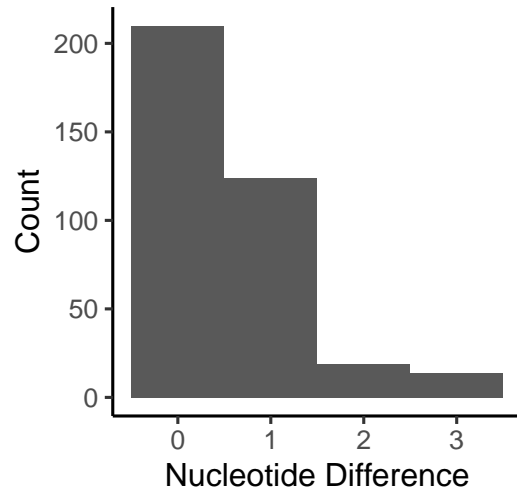
### TRBV5-4\*bp01

553 sequences assigned  
438 (79.2%) exact matches, in which:  
326 unique CDR3  
13 unique J



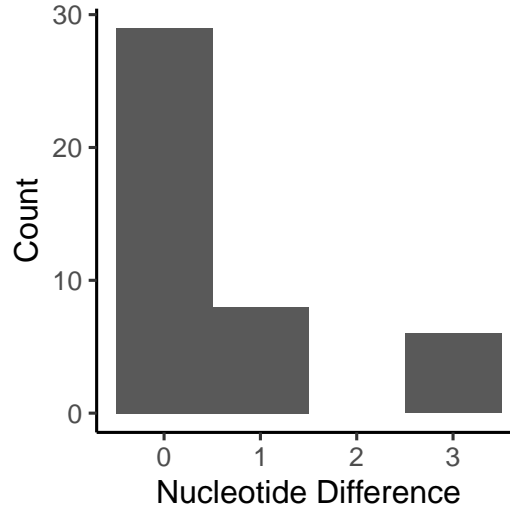
### TRBV5-5\*bp01

367 sequences assigned  
210 (57.2%) exact matches, in which:  
164 unique CDR3  
13 unique J



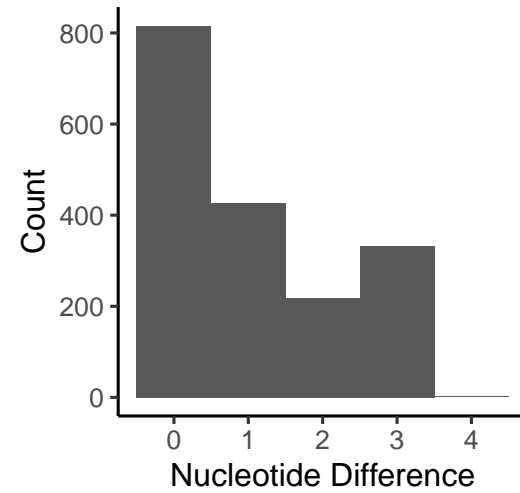
### TRBV5-8\*bp01

43 sequences assigned  
29 (67.4%) exact matches, in which:  
27 unique CDR3  
9 unique J



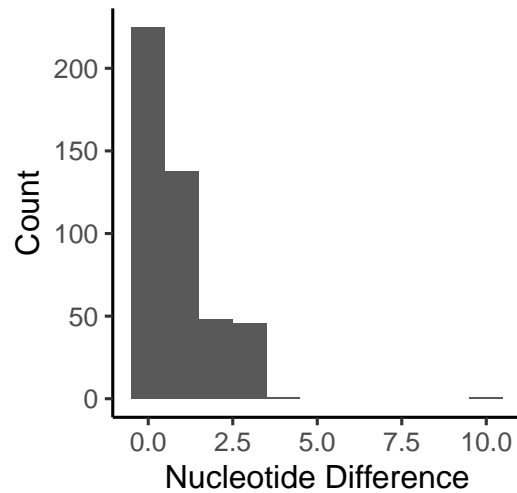
### TRBV6-5\*bp01

1796 sequences assigned  
816 (45.4%) exact matches, in which:  
724 unique CDR3  
13 unique J



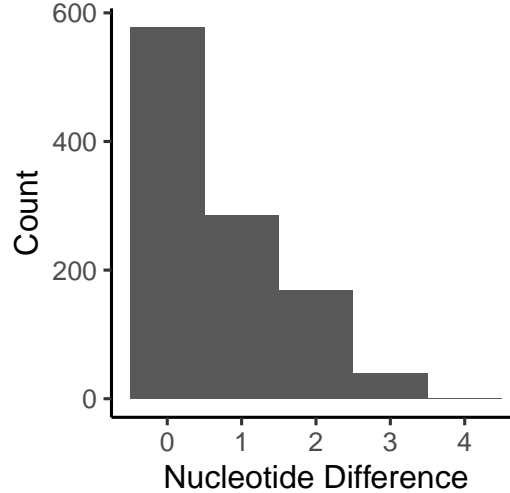
### TRBV5-6\*bp01

459 sequences assigned  
225 (49%) exact matches, in which:  
165 unique CDR3  
13 unique J



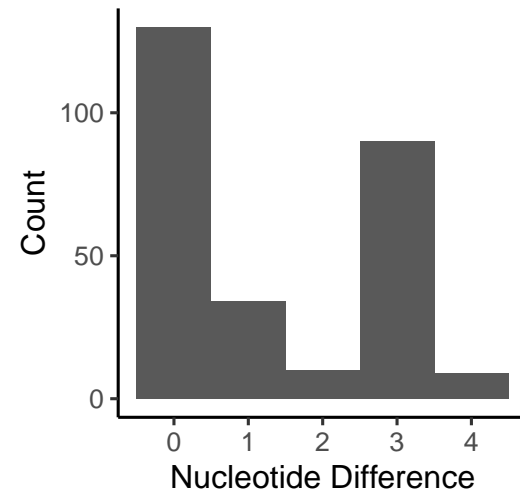
### TRBV6-1\*bp01

1071 sequences assigned  
578 (54%) exact matches, in which:  
519 unique CDR3  
13 unique J



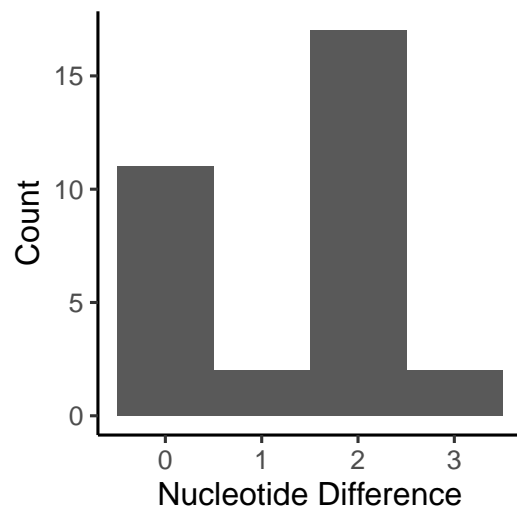
### TRBV6-6\*bp01

273 sequences assigned  
130 (47.6%) exact matches, in which:  
117 unique CDR3  
12 unique J



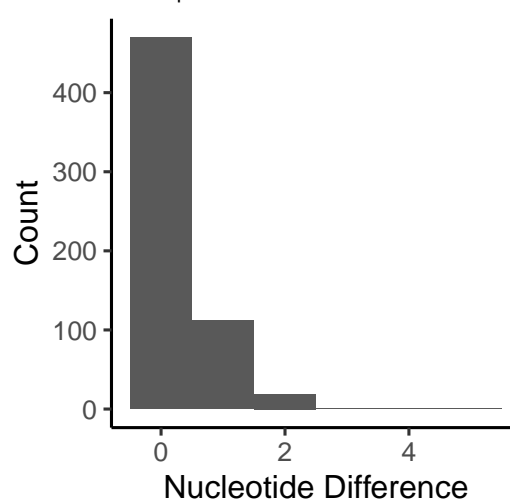
### TRBV5-7\*bp01

32 sequences assigned  
11 (34.4%) exact matches, in which:  
9 unique CDR3  
8 unique J



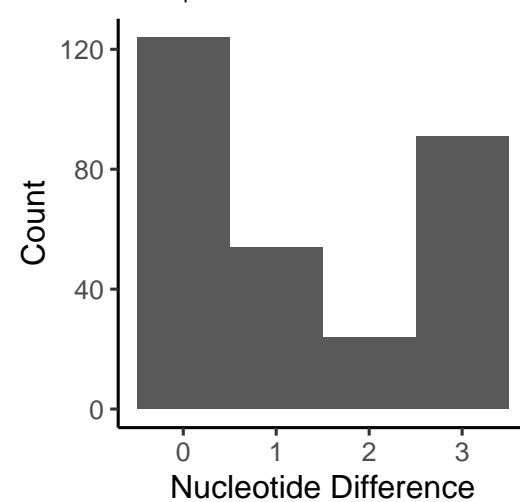
### TRBV6-4\*bp01

604 sequences assigned  
470 (77.8%) exact matches, in which:  
369 unique CDR3  
13 unique J



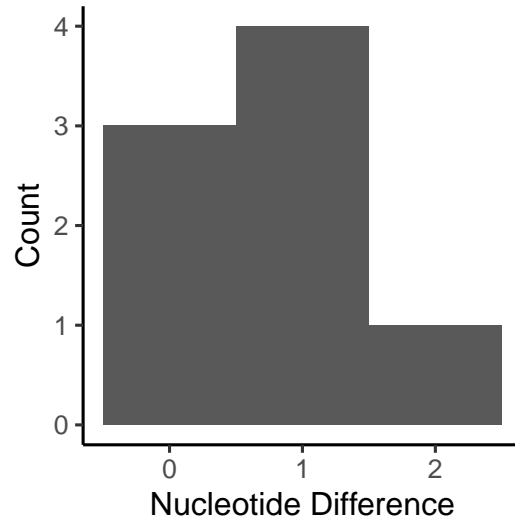
### TRBV6-6\*bp02

293 sequences assigned  
124 (42.3%) exact matches, in which:  
121 unique CDR3  
13 unique J



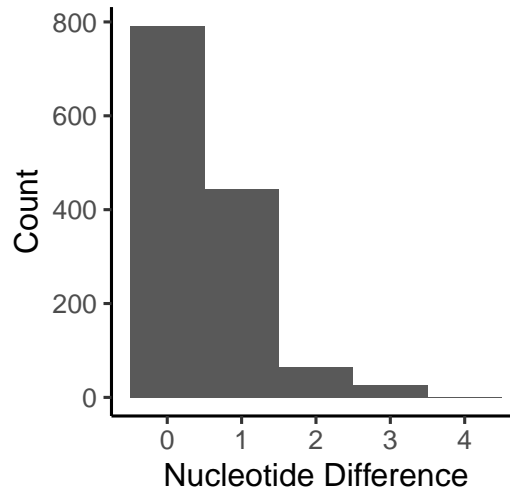
### TRBV6-7\*bp01

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



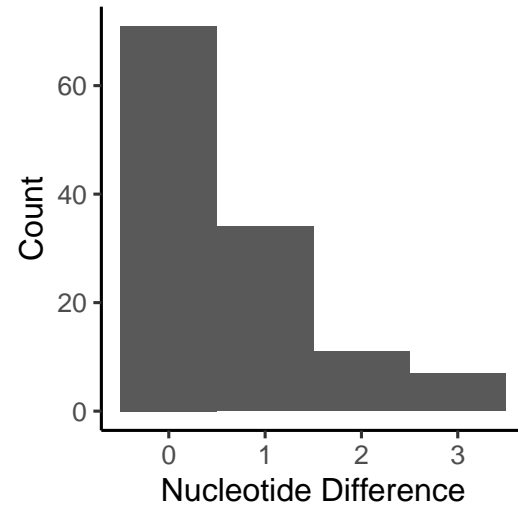
### TRBV6-23\*bp01

1329 sequences assigned  
792 (59.6%) exact matches, in which:  
693 unique CDR3  
13 unique J



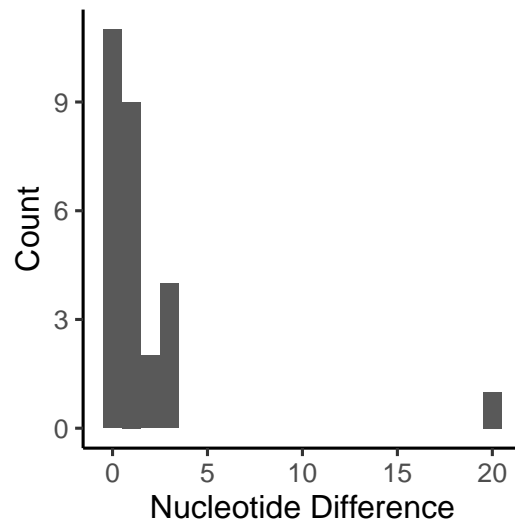
### TRBV7-3\*bp02

123 sequences assigned  
71 (57.7%) exact matches, in which:  
51 unique CDR3  
11 unique J



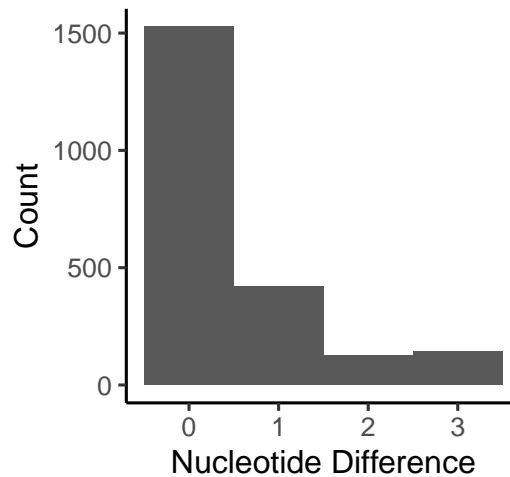
### TRBV6-8\*bp01

27 sequences assigned  
11 (40.7%) exact matches, in which:  
8 unique CDR3  
5 unique J



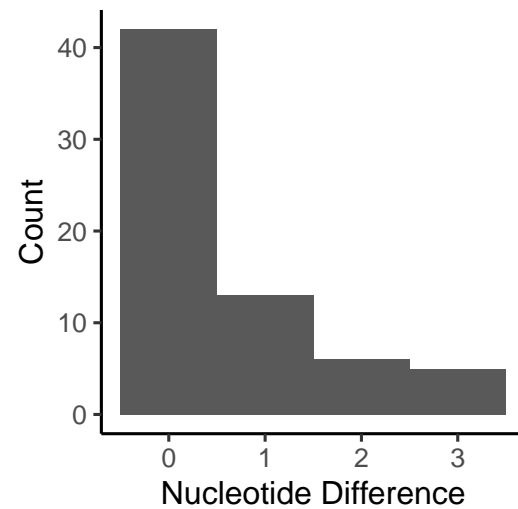
### TRBV7-2\*bp01

2218 sequences assigned  
1527 (68.8%) exact matches, in which:  
975 unique CDR3  
13 unique J



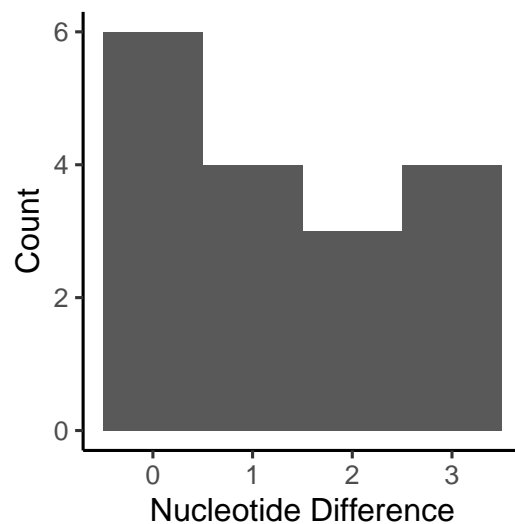
### TRBV7-4\*bp01

66 sequences assigned  
42 (63.6%) exact matches, in which:  
28 unique CDR3  
9 unique J



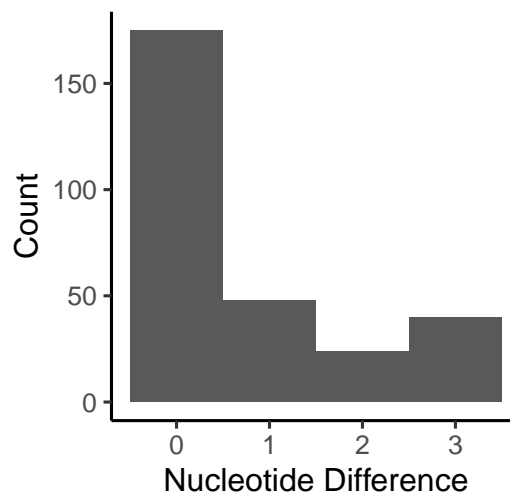
### TRBV6-9\*bp01

17 sequences assigned  
6 (35.3%) exact matches, in which:  
6 unique CDR3  
4 unique J



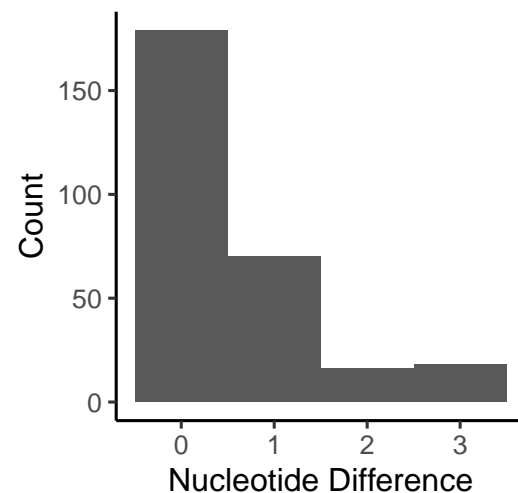
### TRBV7-3\*bp01

287 sequences assigned  
175 (61%) exact matches, in which:  
137 unique CDR3  
12 unique J



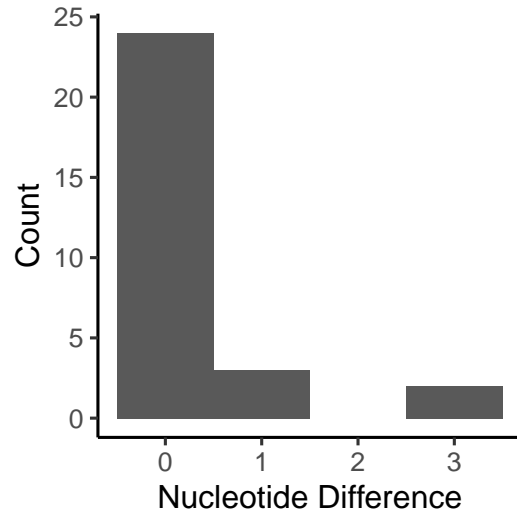
### TRBV7-6\*bp01

283 sequences assigned  
179 (63.3%) exact matches, in which:  
116 unique CDR3  
12 unique J



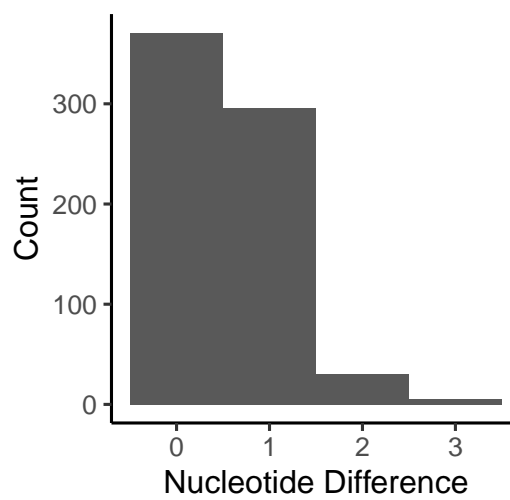
### TRBV7-7\*bp01

29 sequences assigned  
24 (82.8%) exact matches, in which:  
20 unique CDR3  
9 unique J



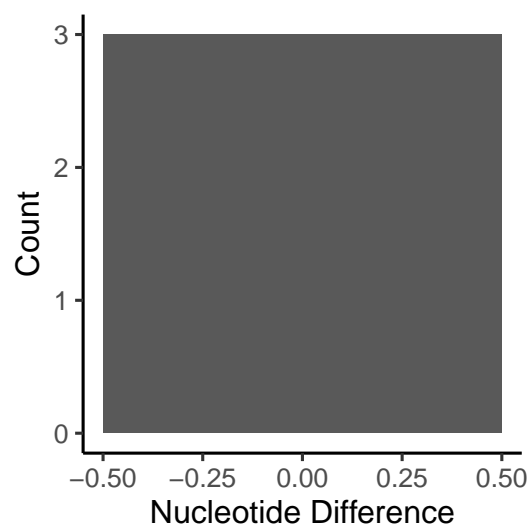
### TRBV29-1\*bp01

702 sequences assigned  
371 (52.8%) exact matches, in which:  
279 unique CDR3  
13 unique J



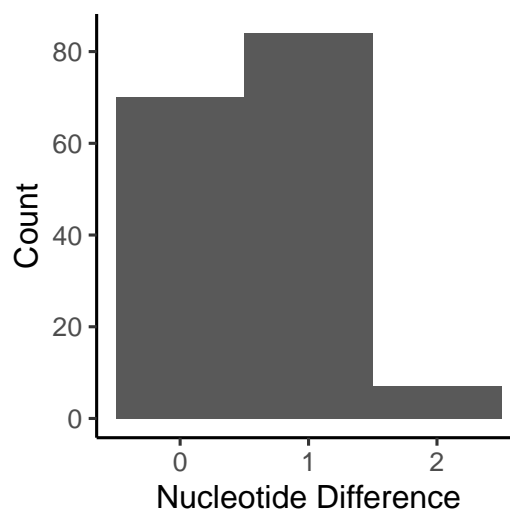
### TRBV7-8\*bp01

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



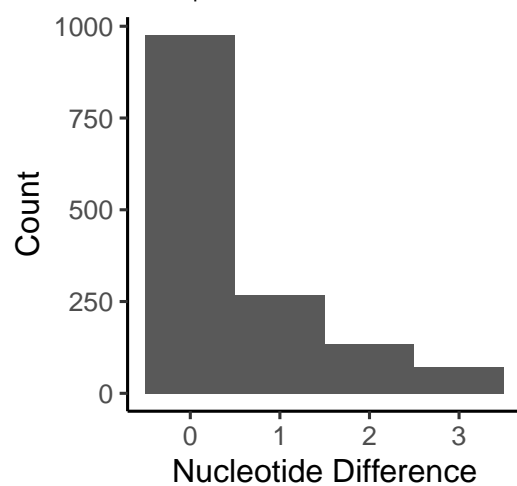
### TRBV29-1\*bp03

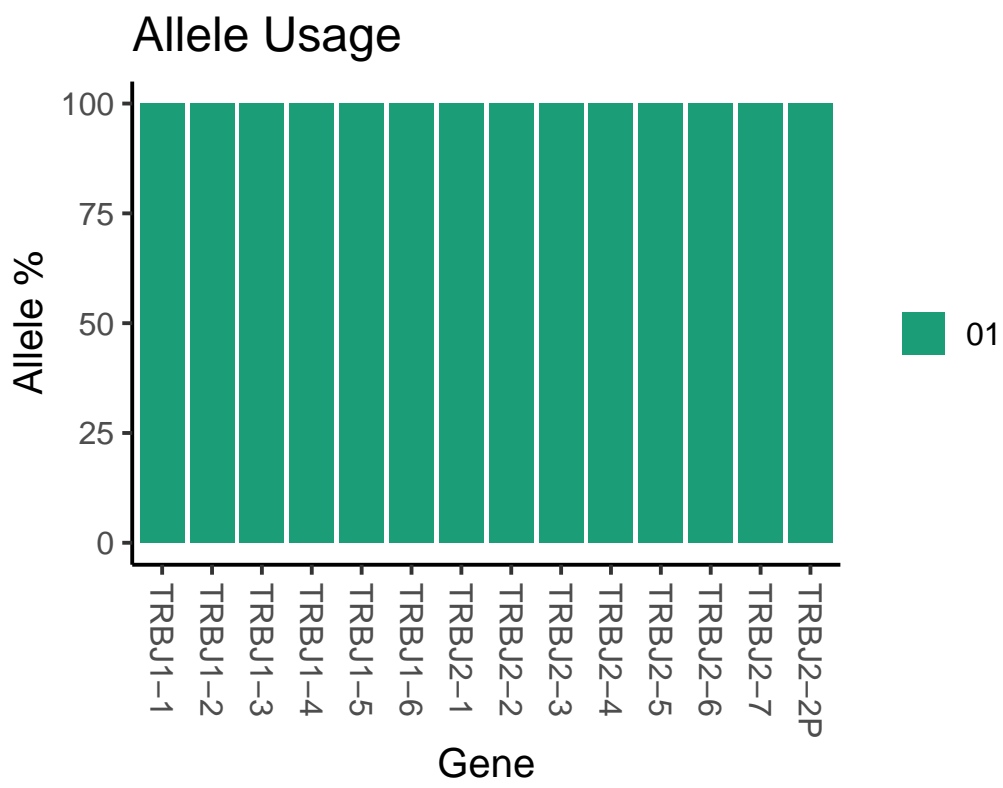
161 sequences assigned  
70 (43.5%) exact matches, in which:  
51 unique CDR3  
13 unique J



### TRBV7-9\*bp01

1450 sequences assigned  
976 (67.3%) exact matches, in which:  
651 unique CDR3  
13 unique J







Warning: sequence(s) for allele(s) TRAV26–2\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV8–3\*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV4\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV13–2\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV38–1\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV13–1\*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV8–2\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV8–1\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV23/DV6\*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV10\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV14/DV4\*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV8–3\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV9–1\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV39\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV2\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV25\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV36/DV7\*04 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV30\*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV40\*01 can't be found in the reference set or the novel alleles file.

Warning – no inferred sequences found.

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