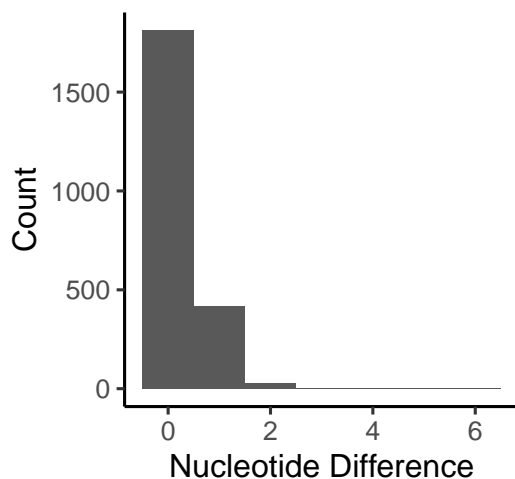


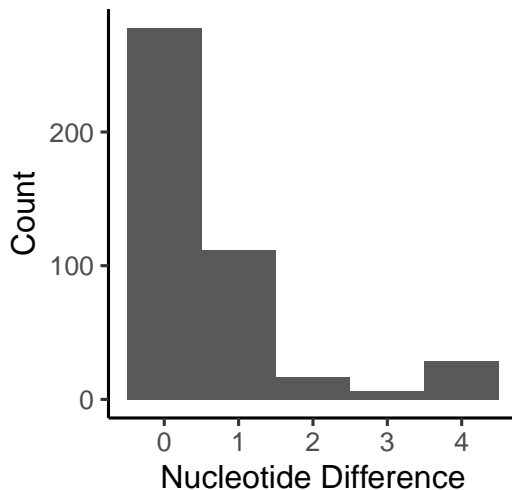
### TRBV20-1\*bp01

2261 sequences assigned  
1812 (80.1%) exact matches, in which:  
1032 unique CDR3  
13 unique J



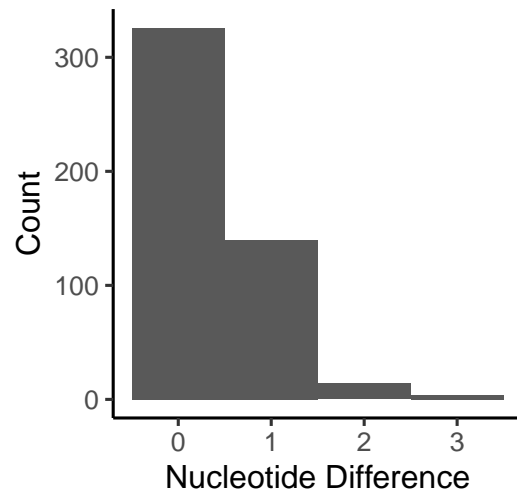
### TRBV10-3\*bp01

442 sequences assigned  
278 (62.9%) exact matches, in which:  
239 unique CDR3  
13 unique J



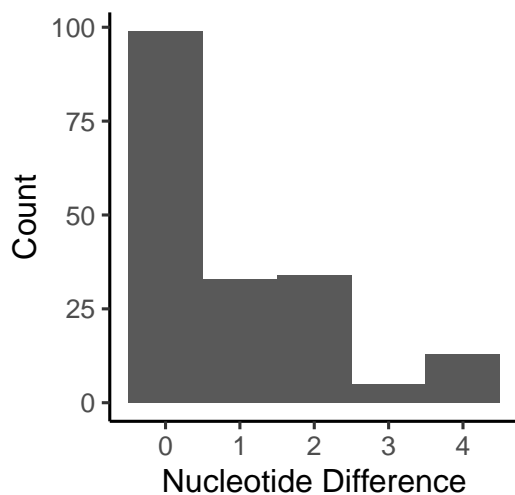
### TRBV15\*bp02

484 sequences assigned  
326 (67.4%) exact matches, in which:  
230 unique CDR3  
13 unique J



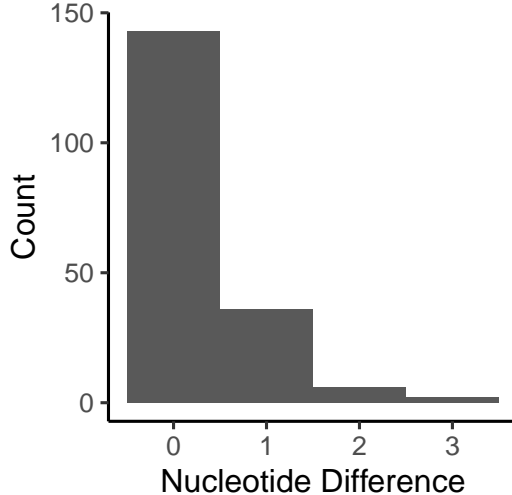
### TRBV10-1\*bp01

184 sequences assigned  
99 (53.8%) exact matches, in which:  
88 unique CDR3  
12 unique J



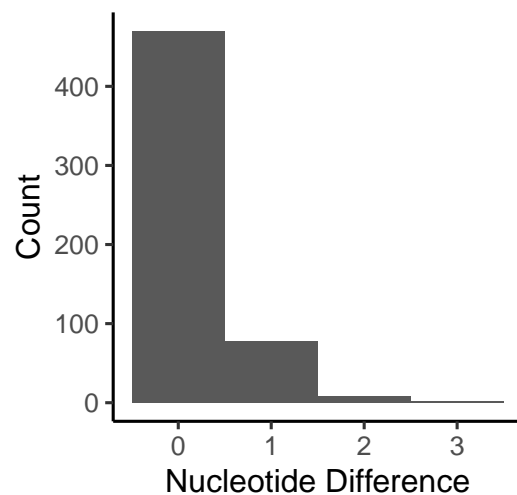
### TRBV13\*bp01

187 sequences assigned  
143 (76.5%) exact matches, in which:  
112 unique CDR3  
12 unique J



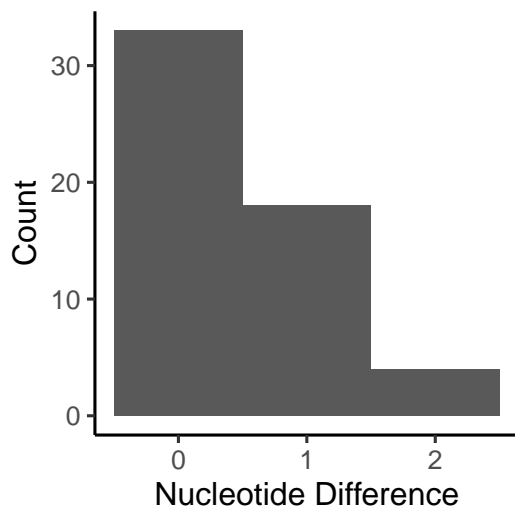
### TRBV18\*bp01

558 sequences assigned  
470 (84.2%) exact matches, in which:  
306 unique CDR3  
13 unique J



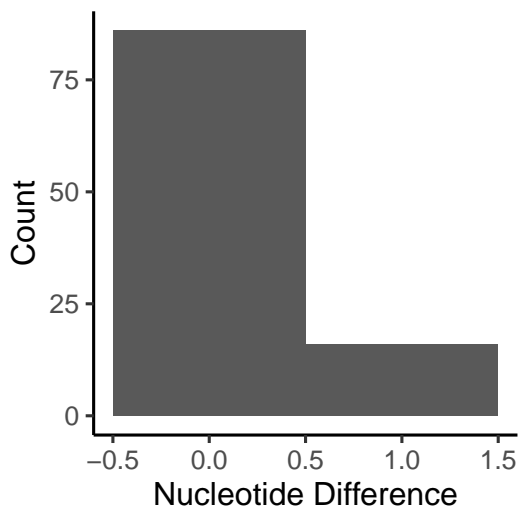
### TRBV10-2\*bp01

55 sequences assigned  
33 (60%) exact matches, in which:  
28 unique CDR3  
9 unique J



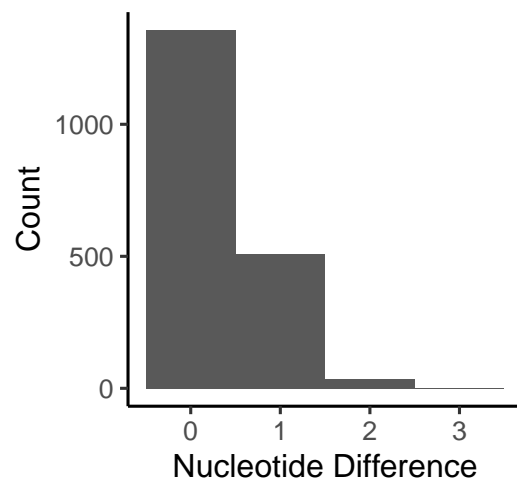
### TRBV14\*bp01

102 sequences assigned  
86 (84.3%) exact matches, in which:  
71 unique CDR3  
13 unique J



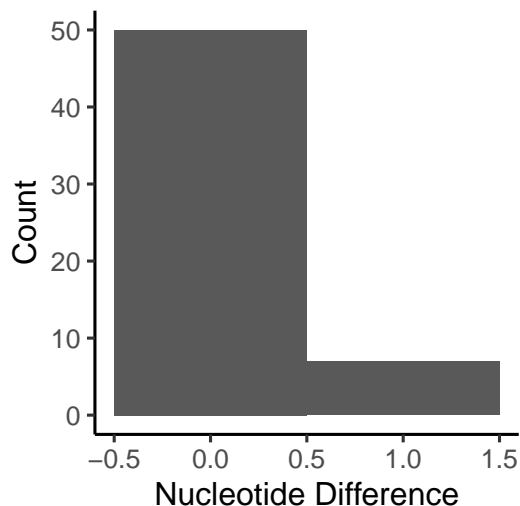
### TRBV19\*bp01

1902 sequences assigned  
1357 (71.3%) exact matches, in which:  
952 unique CDR3  
13 unique J



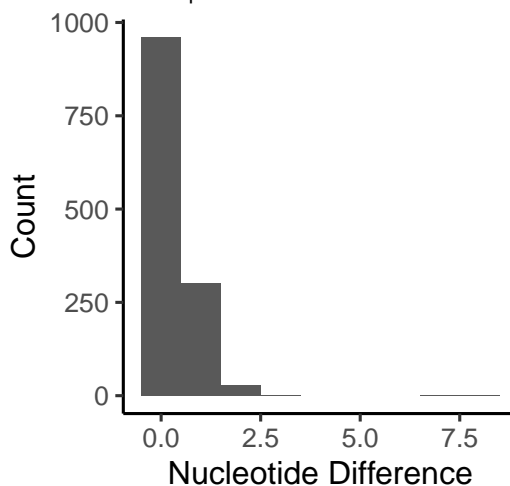
### TRBV2\*bp01

57 sequences assigned  
50 (87.7%) exact matches, in which:  
50 unique CDR3  
13 unique J



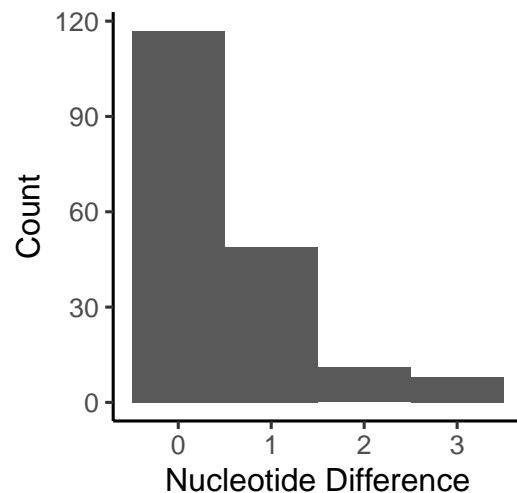
### TRBV30\*bp01

1295 sequences assigned  
960 (74.1%) exact matches, in which:  
534 unique CDR3  
13 unique J



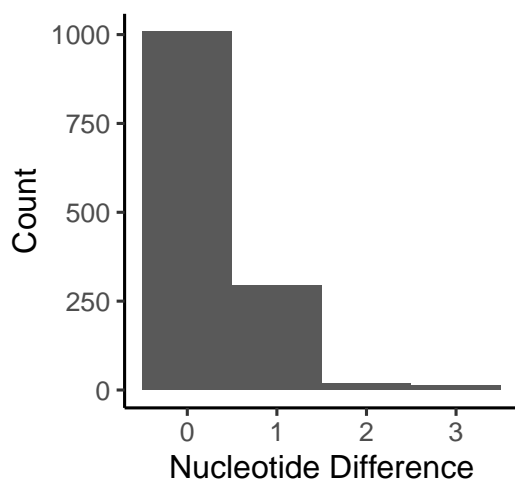
### TRBV11-1\*bp01

185 sequences assigned  
117 (63.2%) exact matches, in which:  
92 unique CDR3  
11 unique J



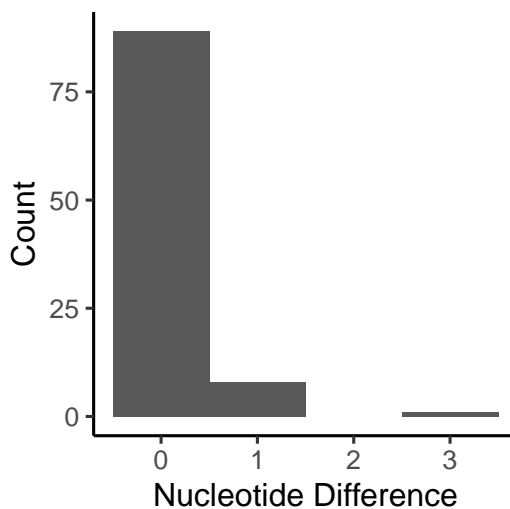
### TRBV27\*bp01

1333 sequences assigned  
1008 (75.6%) exact matches, in which:  
860 unique CDR3  
13 unique J



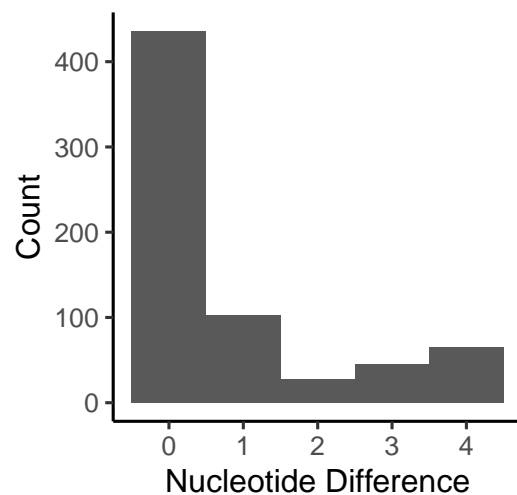
### TRBV9\*bp01

98 sequences assigned  
89 (90.8%) exact matches, in which:  
78 unique CDR3  
11 unique J



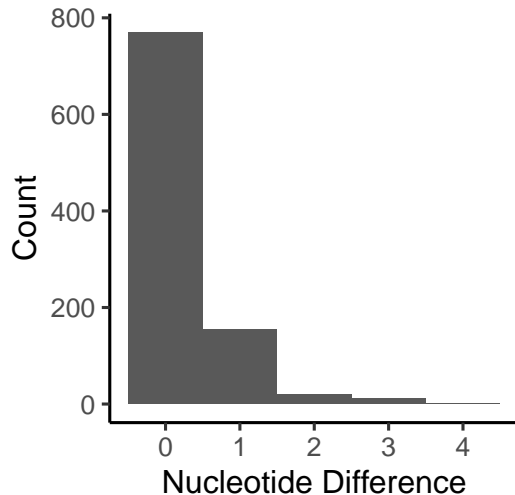
### TRBV11-2\*bp03

677 sequences assigned  
436 (64.4%) exact matches, in which:  
358 unique CDR3  
13 unique J



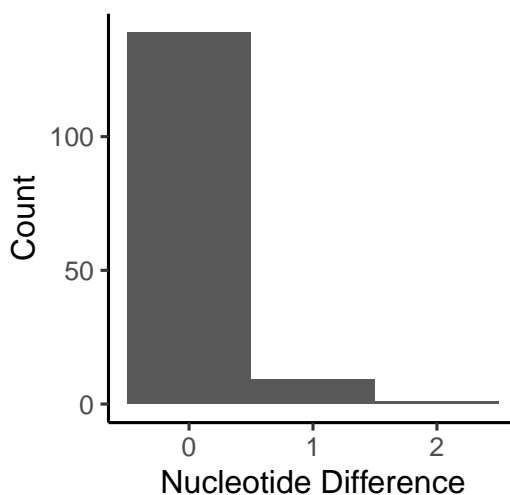
### TRBV28\*bp01

957 sequences assigned  
770 (80.5%) exact matches, in which:  
644 unique CDR3  
13 unique J



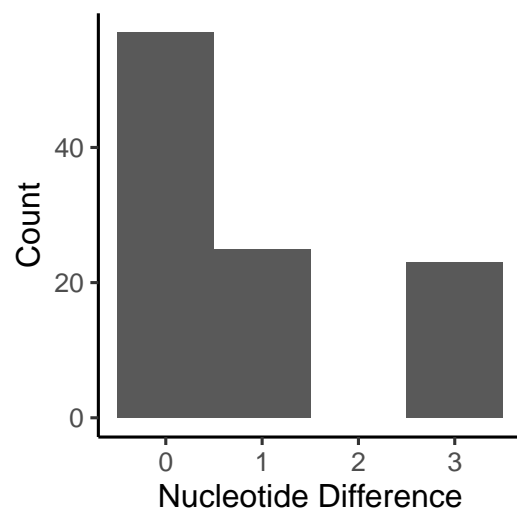
### TRBV21-1\*bp01

149 sequences assigned  
139 (93.3%) exact matches, in which:  
129 unique CDR3  
13 unique J



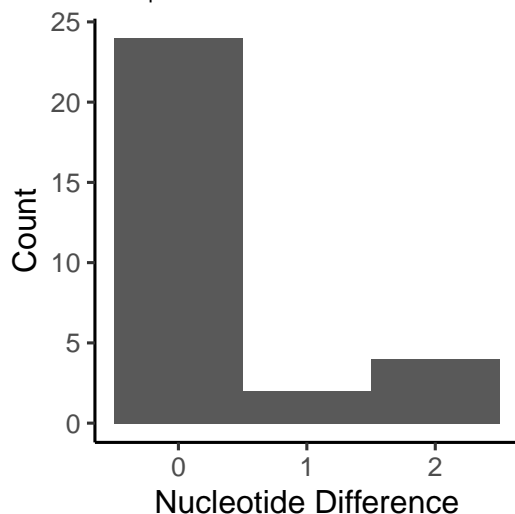
### TRBV11-3\*bp01

105 sequences assigned  
57 (54.3%) exact matches, in which:  
53 unique CDR3  
11 unique J



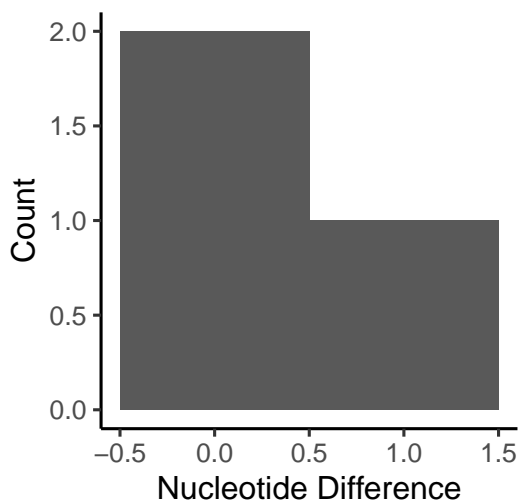
### TRBV12-5\*bp01

30 sequences assigned  
24 (80%) exact matches, in which:  
23 unique CDR3  
9 unique J



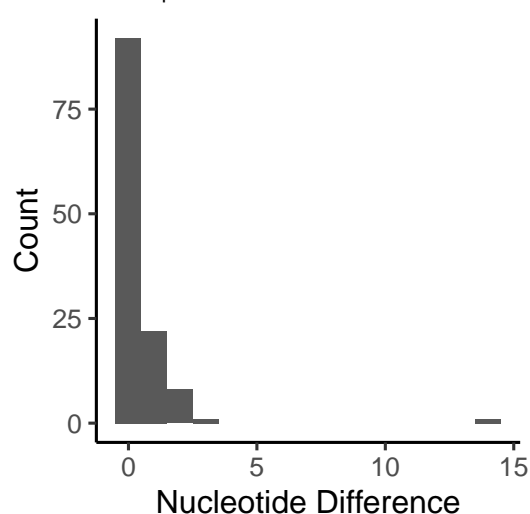
### TRBV3-1\*bp01

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



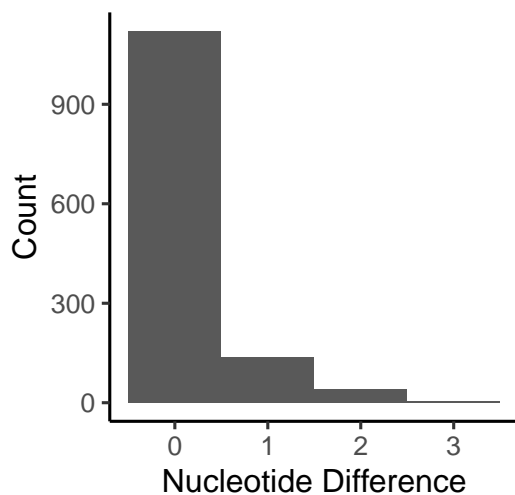
### TRBV4-2\*bp01

124 sequences assigned  
92 (74.2%) exact matches, in which:  
81 unique CDR3  
11 unique J



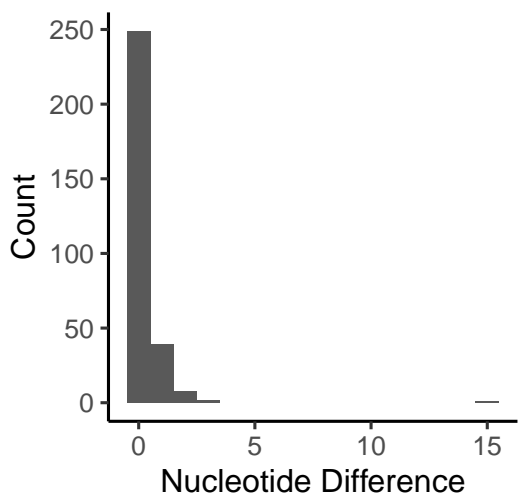
### TRBV12-34\*bp01

1302 sequences assigned  
1121 (86.1%) exact matches, in which:  
687 unique CDR3  
13 unique J



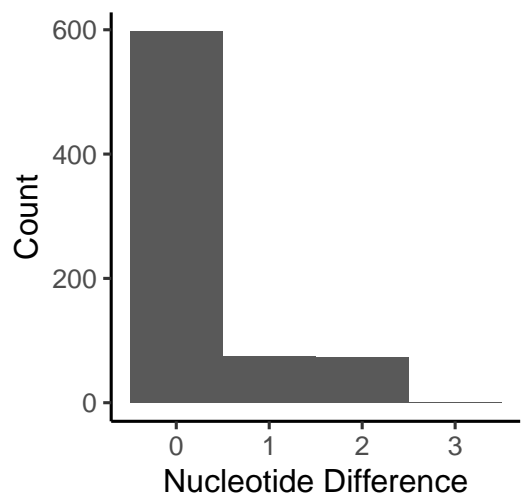
### TRBV4-1\*bp01

299 sequences assigned  
249 (83.3%) exact matches, in which:  
223 unique CDR3  
13 unique J



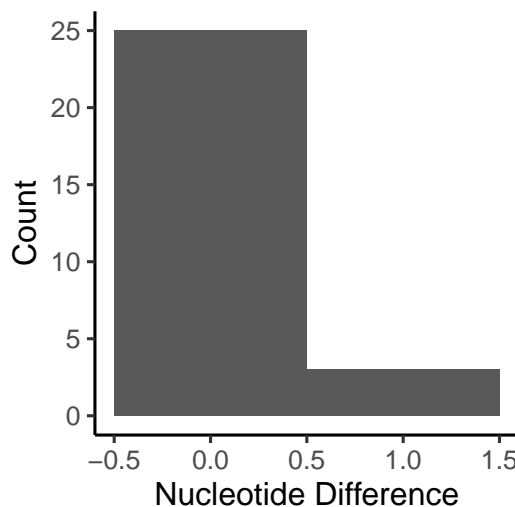
### TRBV5-1\*bp01

747 sequences assigned  
598 (80.1%) exact matches, in which:  
471 unique CDR3  
13 unique J



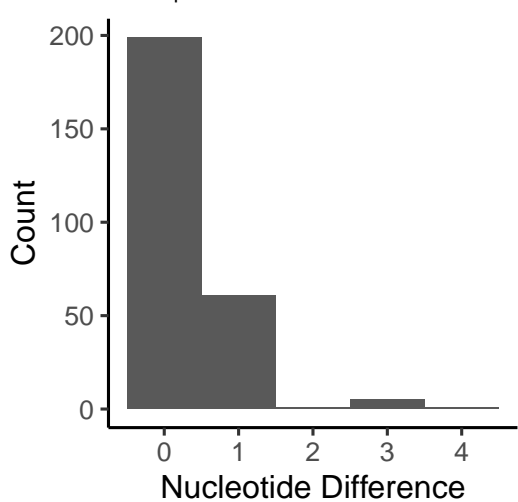
### TRBV23-1\*bp01

29 sequences assigned  
25 (86.2%) exact matches, in which:  
24 unique CDR3  
10 unique J



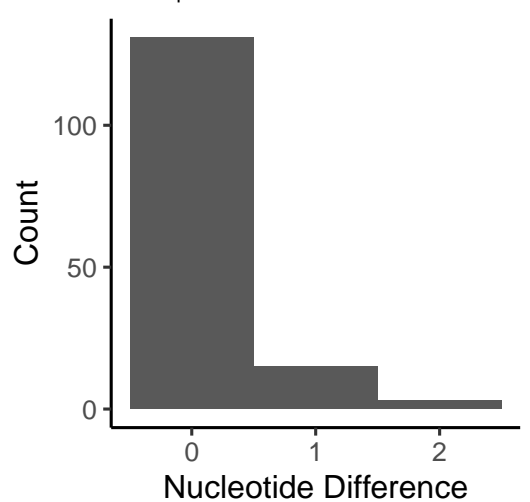
### TRBV24-1\*bp01

267 sequences assigned  
199 (74.5%) exact matches, in which:  
166 unique CDR3  
13 unique J



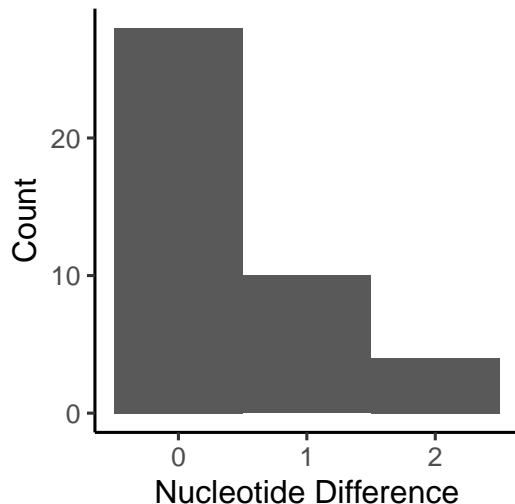
### TRBV25-1\*bp01

149 sequences assigned  
131 (87.9%) exact matches, in which:  
93 unique CDR3  
13 unique J



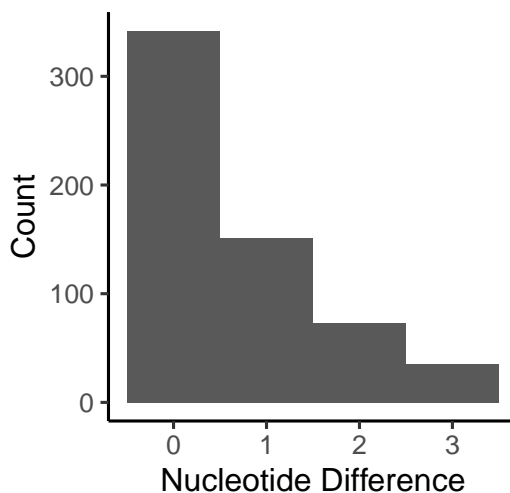
### TRBV5-3\*bp01

42 sequences assigned  
28 (66.7%) exact matches, in which:  
26 unique CDR3  
10 unique J



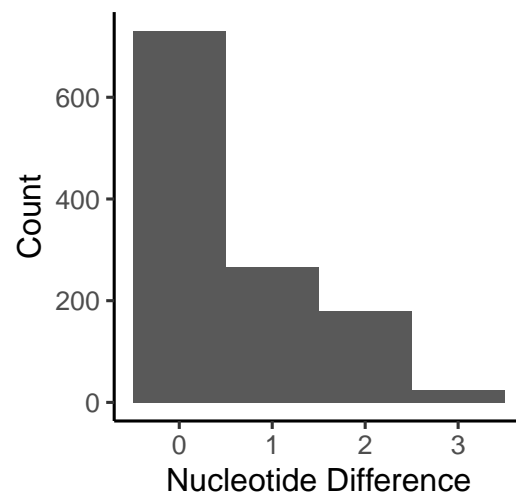
### TRBV5-6\*bp01

601 sequences assigned  
342 (56.9%) exact matches, in which:  
254 unique CDR3  
13 unique J



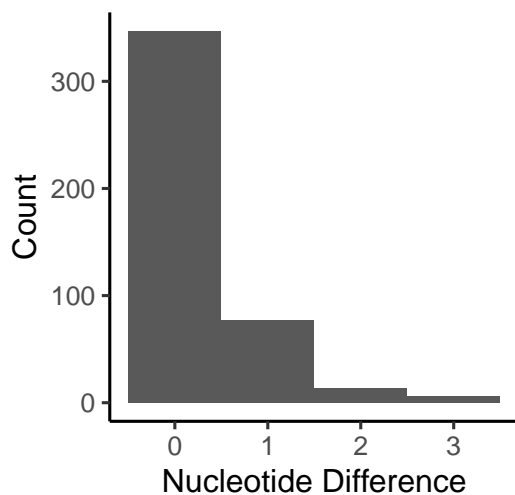
### TRBV6-1\*bp01

1202 sequences assigned  
731 (60.8%) exact matches, in which:  
642 unique CDR3  
13 unique J



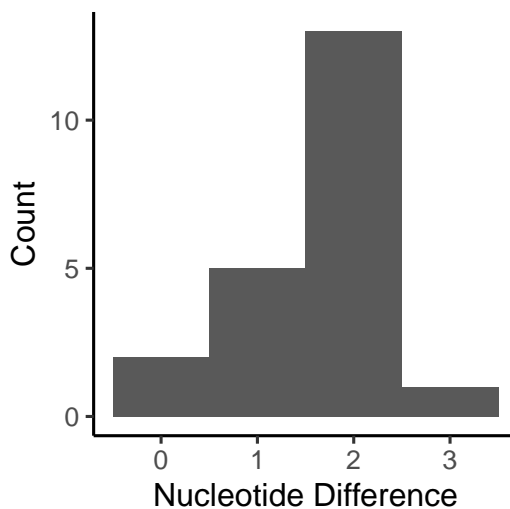
### TRBV5-4\*bp01

444 sequences assigned  
347 (78.2%) exact matches, in which:  
263 unique CDR3  
13 unique J



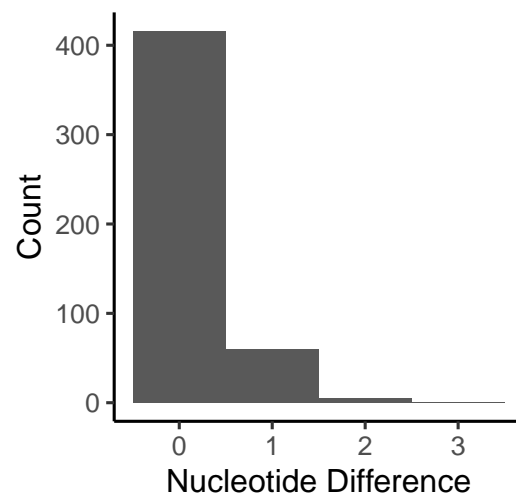
### TRBV5-7\*bp01

21 sequences assigned  
2 (9.5%) exact matches, in which:  
2 unique CDR3  
2 unique J



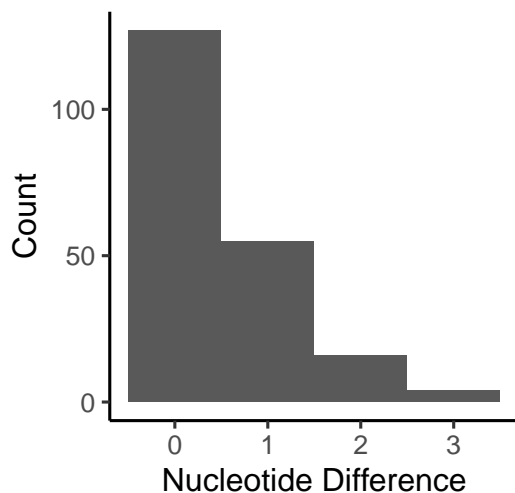
### TRBV6-4\*bp01

482 sequences assigned  
416 (86.3%) exact matches, in which:  
322 unique CDR3  
13 unique J



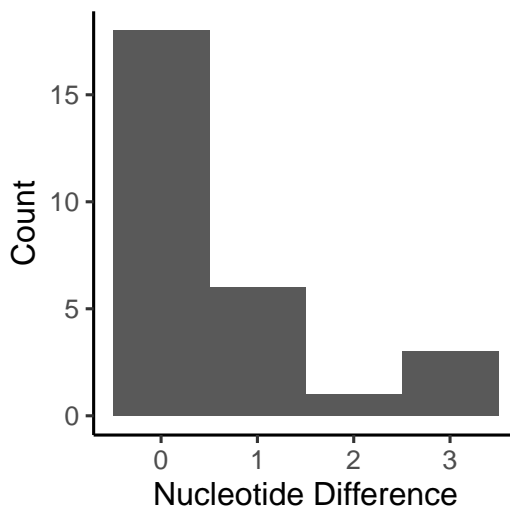
### TRBV5-5\*bp01

202 sequences assigned  
127 (62.9%) exact matches, in which:  
99 unique CDR3  
12 unique J



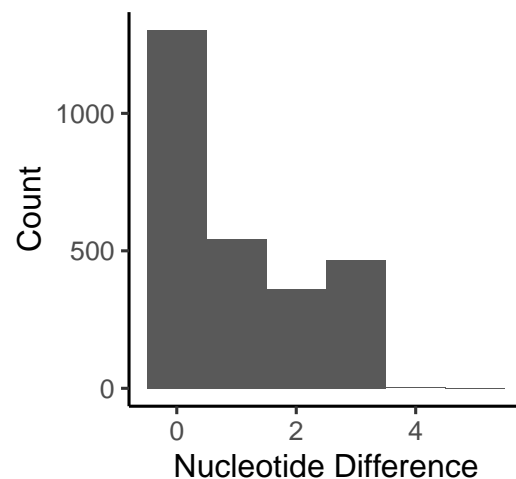
### TRBV5-8\*bp01

28 sequences assigned  
18 (64.3%) exact matches, in which:  
17 unique CDR3  
7 unique J



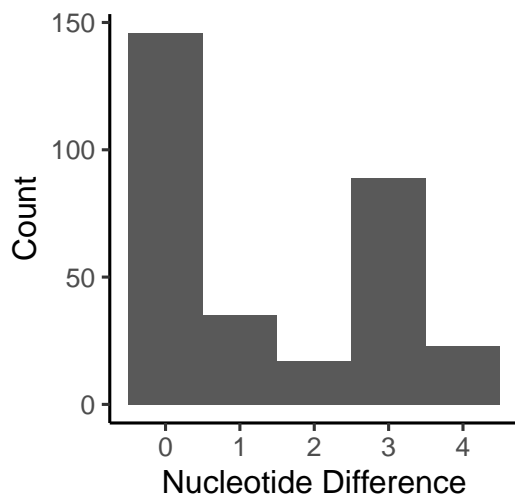
### TRBV6-5\*bp01

2679 sequences assigned  
1303 (48.6%) exact matches, in which:  
1086 unique CDR3  
13 unique J



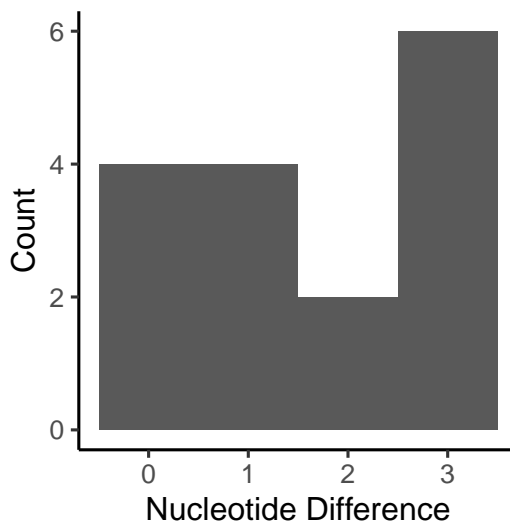
### TRBV6-6\*bp01

310 sequences assigned  
146 (47.1%) exact matches, in which:  
126 unique CDR3  
13 unique J



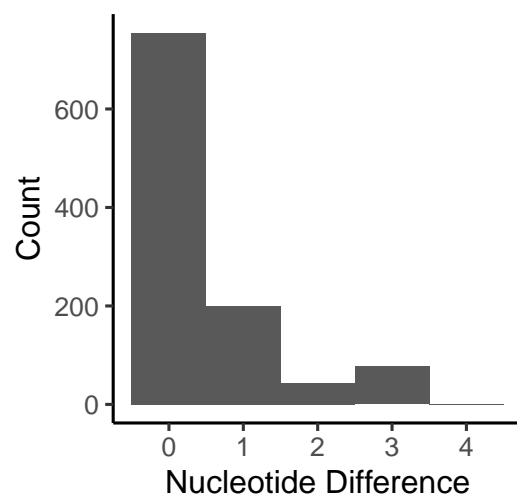
### TRBV6-8\*bp01

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



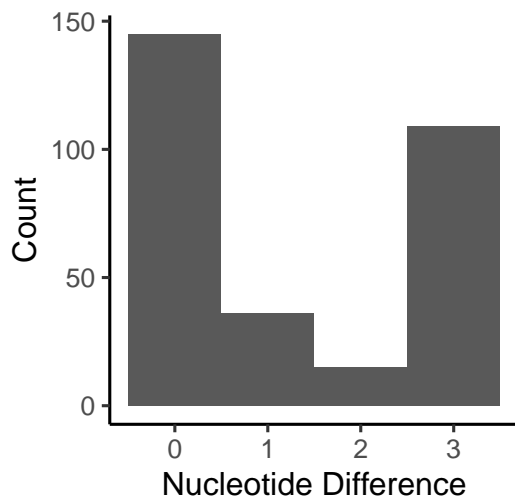
### TRBV7-2\*bp02

1076 sequences assigned  
755 (70.2%) exact matches, in which:  
494 unique CDR3  
13 unique J



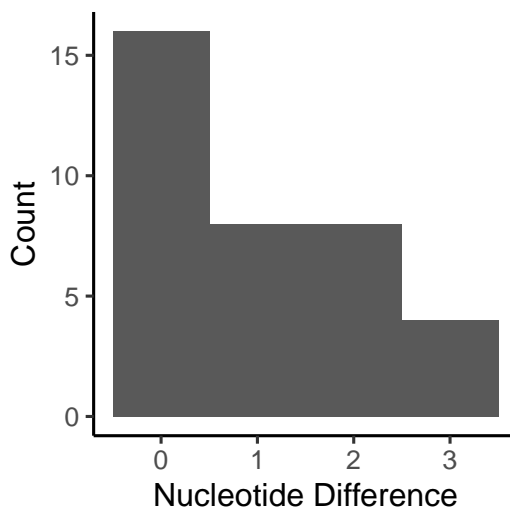
### TRBV6-6\*bp02

305 sequences assigned  
145 (47.5%) exact matches, in which:  
130 unique CDR3  
13 unique J



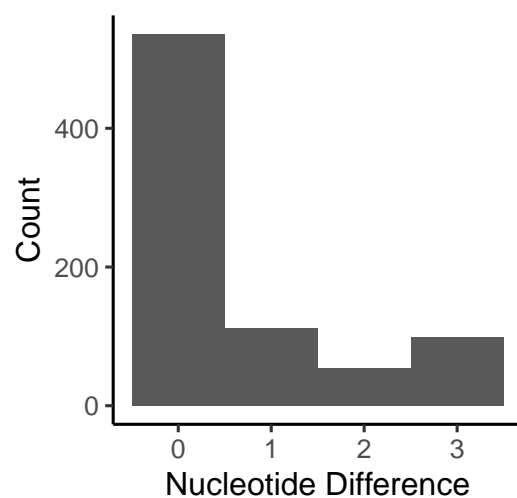
### TRBV6-9\*bp01

36 sequences assigned  
16 (44.4%) exact matches, in which:  
15 unique CDR3  
8 unique J



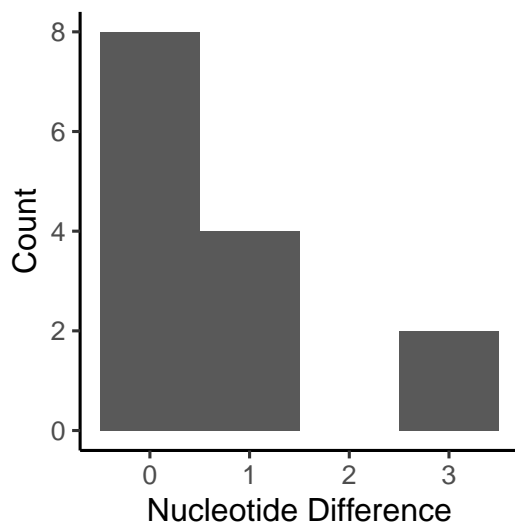
### TRBV7-3\*bp01

801 sequences assigned  
536 (66.9%) exact matches, in which:  
388 unique CDR3  
13 unique J



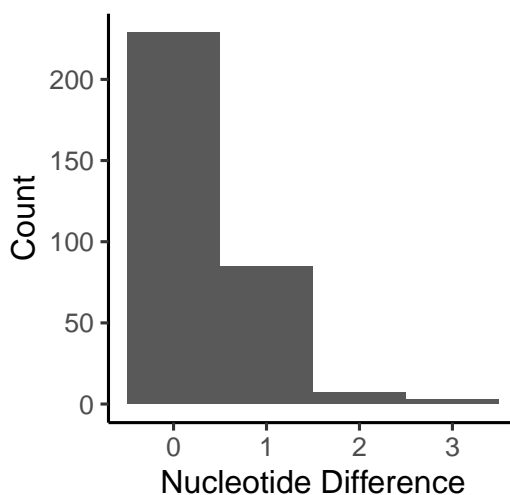
### TRBV6-7\*bp01

14 sequences assigned  
8 (57.1%) exact matches, in which:  
8 unique CDR3  
4 unique J



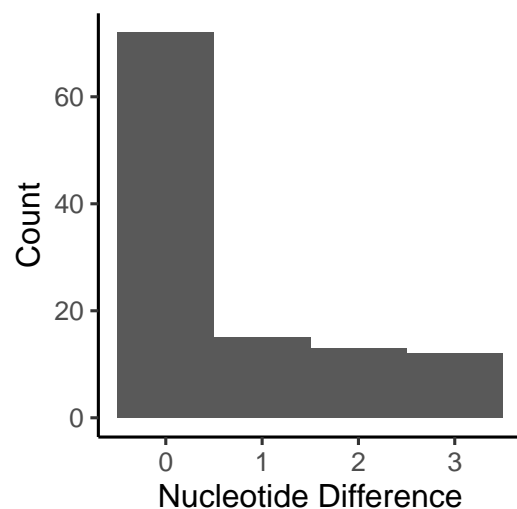
### TRBV6-23\*bp01

324 sequences assigned  
229 (70.7%) exact matches, in which:  
197 unique CDR3  
13 unique J



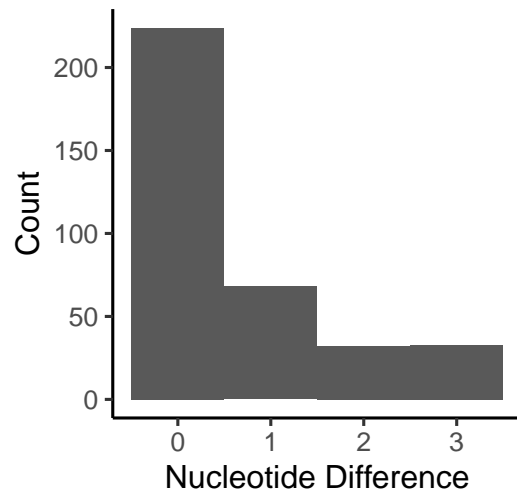
### TRBV7-4\*bp01

112 sequences assigned  
72 (64.3%) exact matches, in which:  
47 unique CDR3  
11 unique J



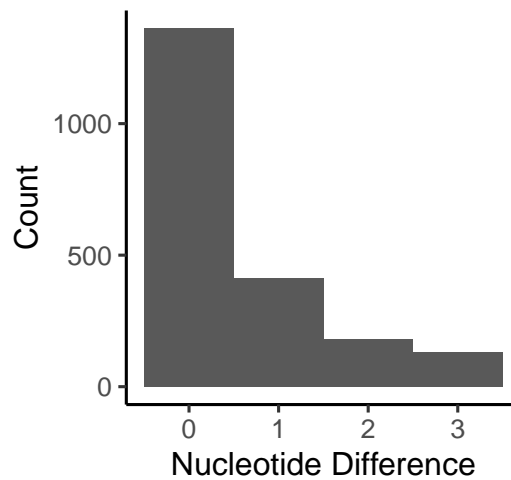
### TRBV7-6\*bp01

357 sequences assigned  
224 (62.7%) exact matches, in which:  
145 unique CDR3  
13 unique J



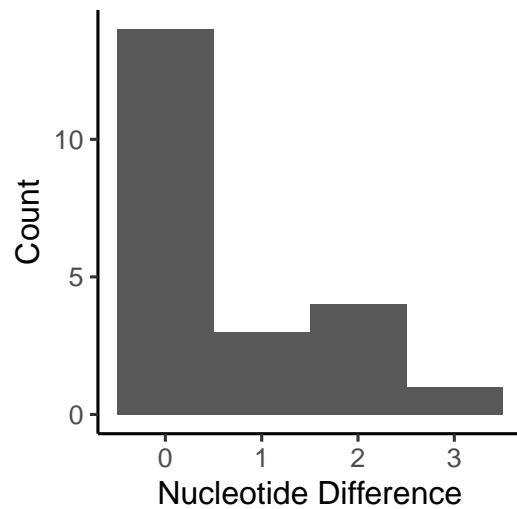
### TRBV7-9\*bp01

2086 sequences assigned  
1362 (65.3%) exact matches, in which:  
889 unique CDR3  
13 unique J



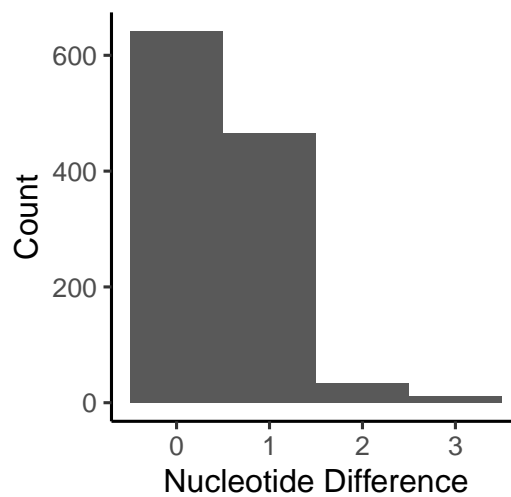
### TRBV7-7\*bp01

22 sequences assigned  
14 (63.6%) exact matches, in which:  
14 unique CDR3  
7 unique J



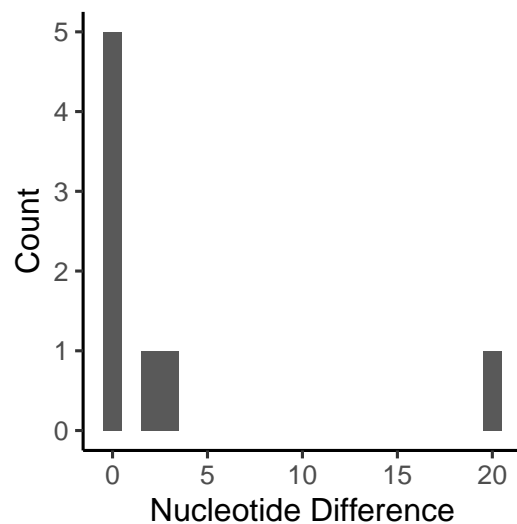
### TRBV29-1\*bp01

1152 sequences assigned  
642 (55.7%) exact matches, in which:  
461 unique CDR3  
13 unique J



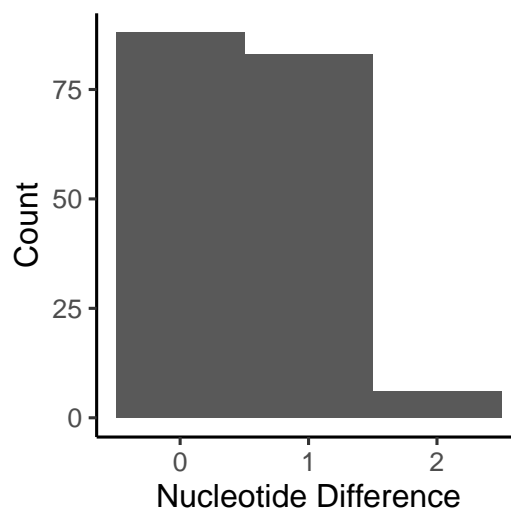
### TRBV7-8\*bp01

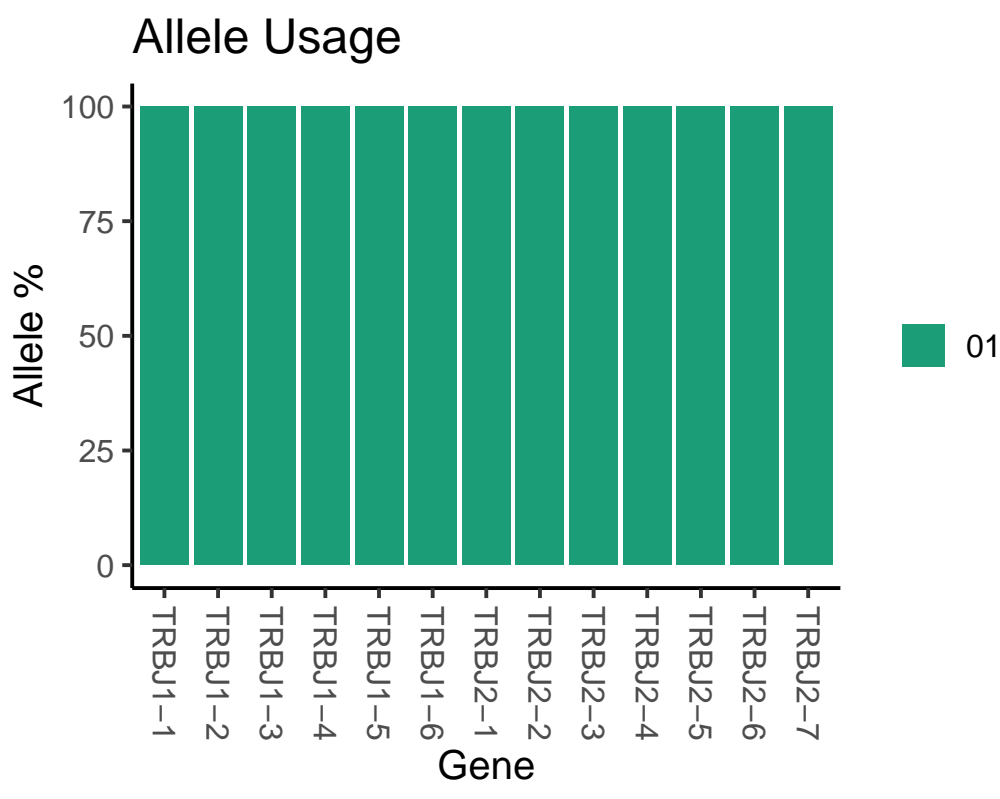
8 sequences assigned  
5 (62.5%) exact matches, in which:  
5 unique CDR3  
4 unique J



### TRBV29-1\*bp03

177 sequences assigned  
88 (49.7%) exact matches, in which:  
61 unique CDR3  
9 unique J





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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