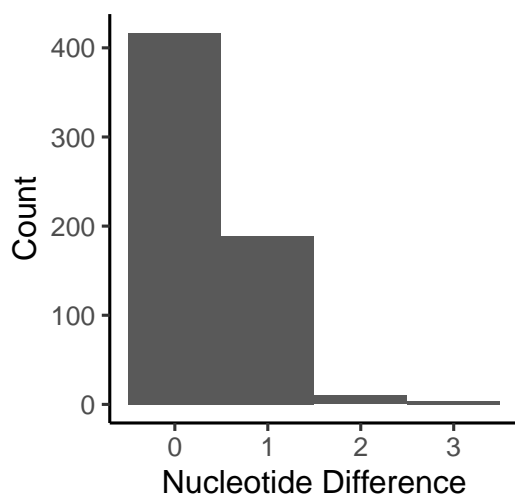


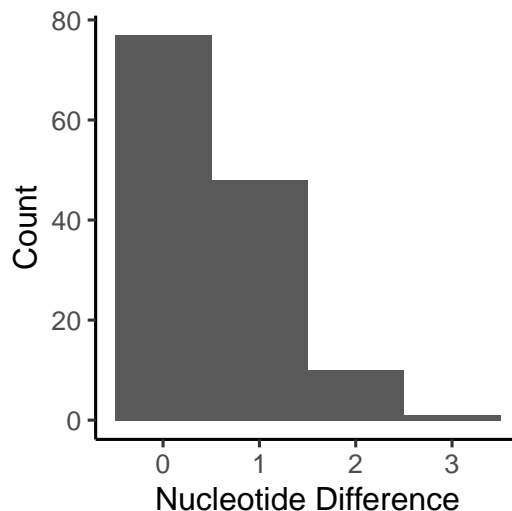
TRBV20–1*bp01

620 sequences assigned
417 (67.3%) exact matches, in which:
205 unique CDR3
14 unique J



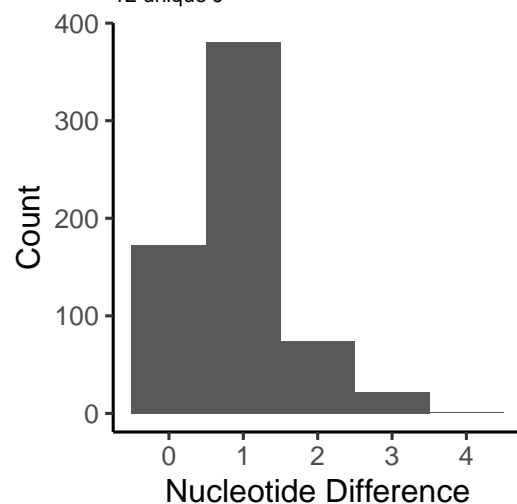
TRBV10–3*bp01

136 sequences assigned
77 (56.6%) exact matches, in which:
59 unique CDR3
11 unique J



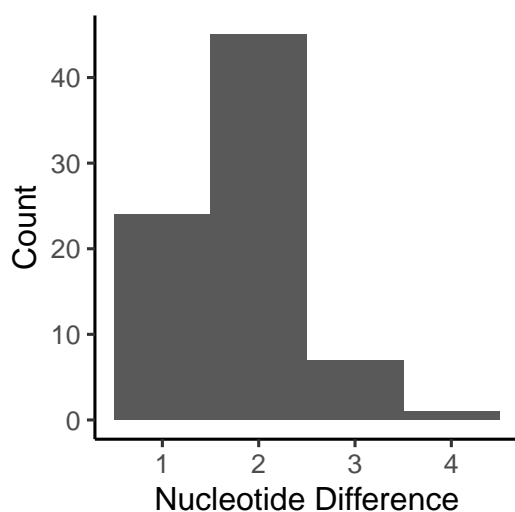
TRBV15*bp02

651 sequences assigned
173 (26.6%) exact matches, in which:
105 unique CDR3
12 unique J



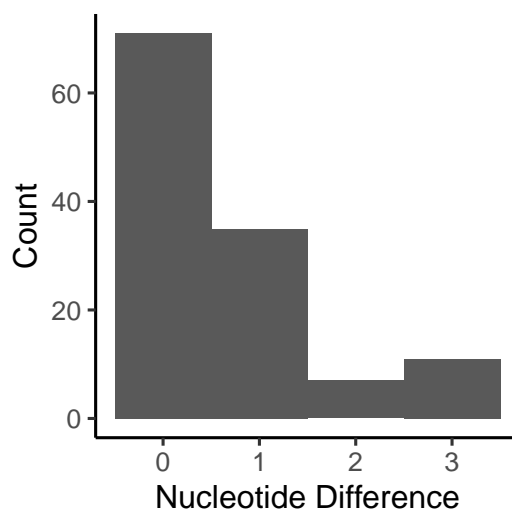
TRBV10–1*bp02

77 sequences assigned
No exact matches.



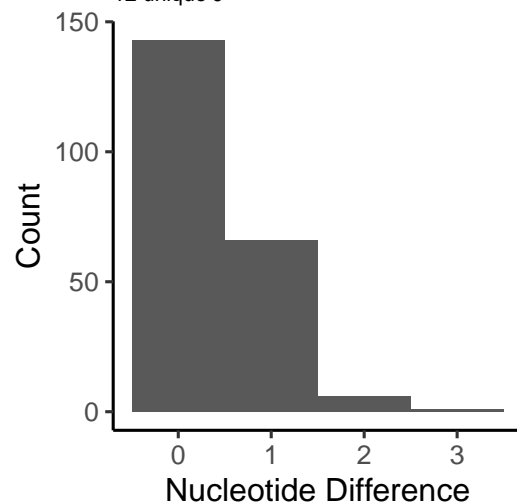
TRBV13*bp01

124 sequences assigned
71 (57.3%) exact matches, in which:
63 unique CDR3
12 unique J



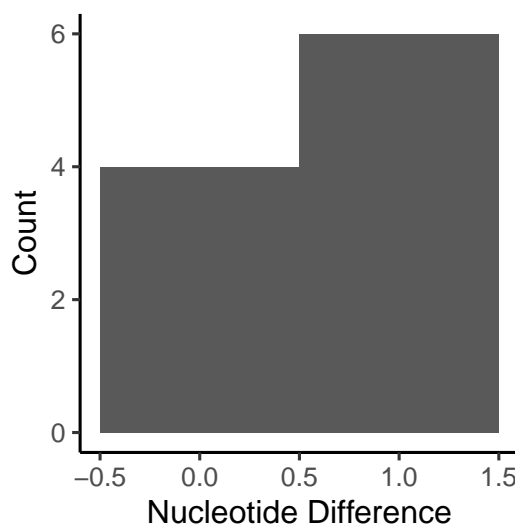
TRBV18*bp01

216 sequences assigned
143 (66.2%) exact matches, in which:
81 unique CDR3
12 unique J



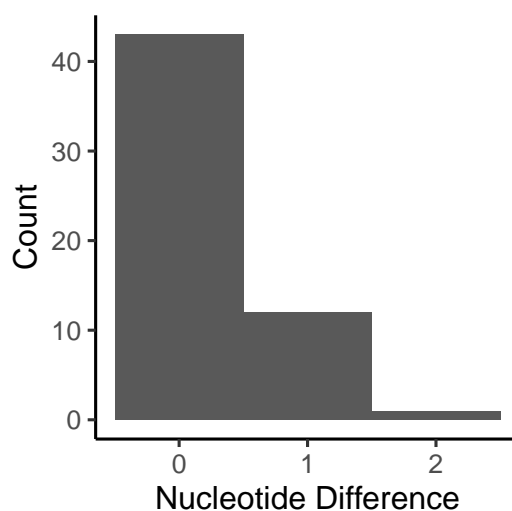
TRBV10–2*bp01

10 sequences assigned
4 (40%) exact matches, in which:
3 unique CDR3
3 unique J



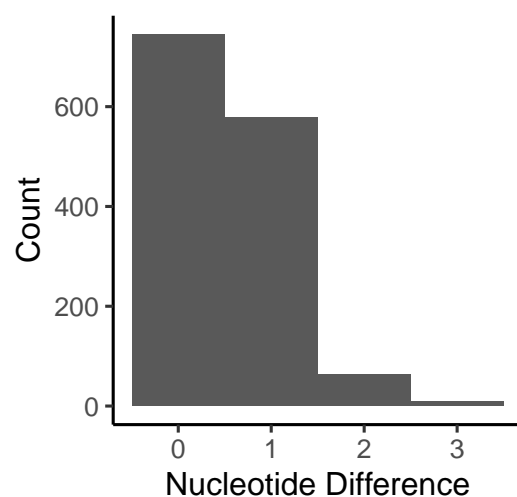
TRBV14*bp01

56 sequences assigned
43 (76.8%) exact matches, in which:
35 unique CDR3
11 unique J



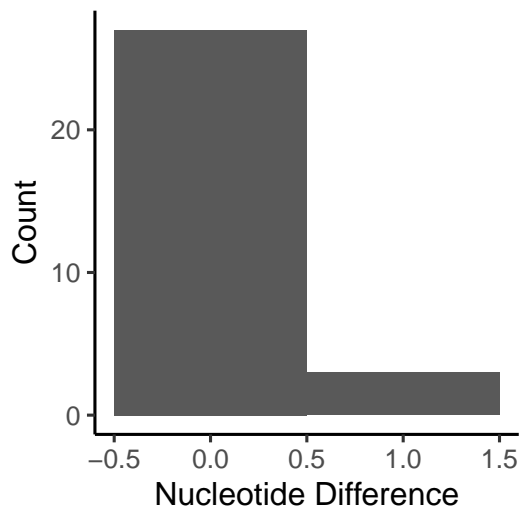
TRBV19*bp01

1396 sequences assigned
745 (53.4%) exact matches, in which:
461 unique CDR3
14 unique J



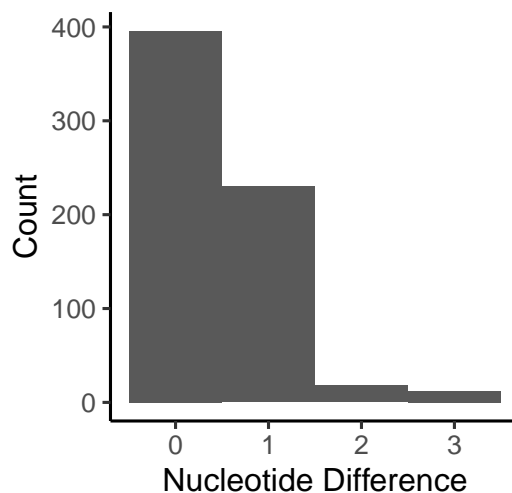
TRBV2*bp01

30 sequences assigned
27 (90%) exact matches, in which:
23 unique CDR3
11 unique J



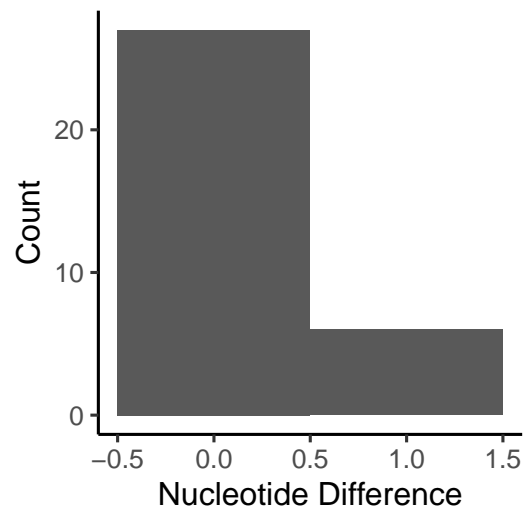
TRBV30*bp01

656 sequences assigned
396 (60.4%) exact matches, in which:
171 unique CDR3
12 unique J



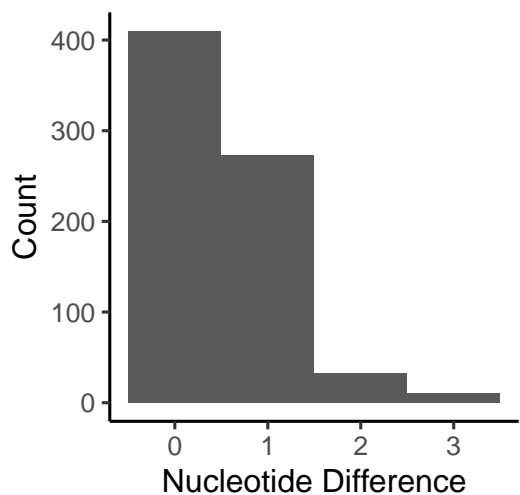
TRBV21-1*bp01

33 sequences assigned
27 (81.8%) exact matches, in which:
25 unique CDR3
7 unique J



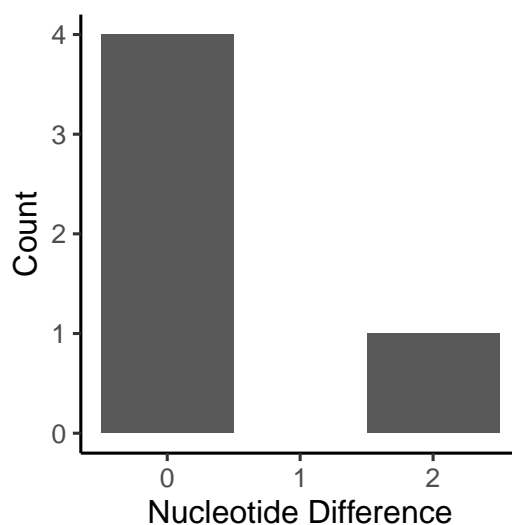
TRBV27*bp01

726 sequences assigned
410 (56.5%) exact matches, in which:
329 unique CDR3
14 unique J



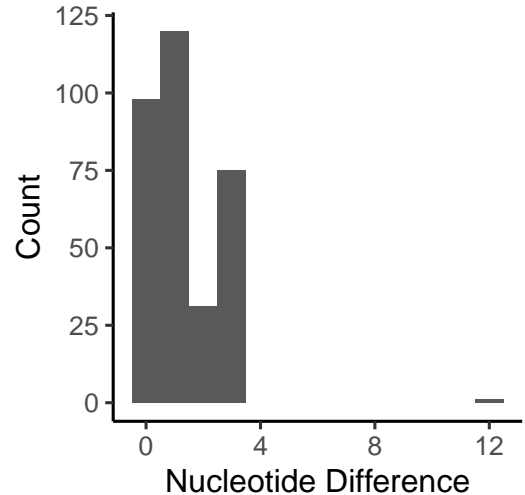
TRBV9*bp01

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



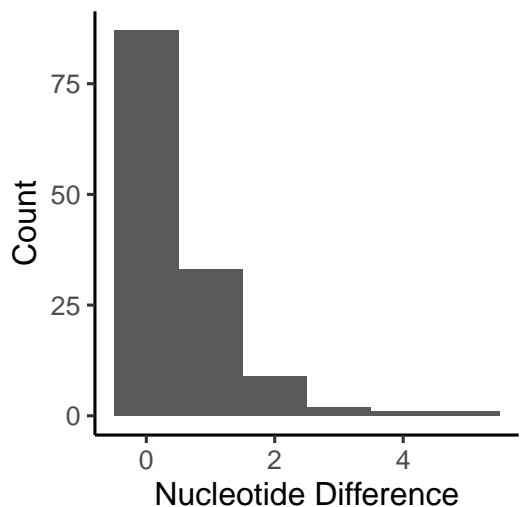
TRBV11-1*bp01

325 sequences assigned
98 (30.2%) exact matches, in which:
76 unique CDR3
12 unique J



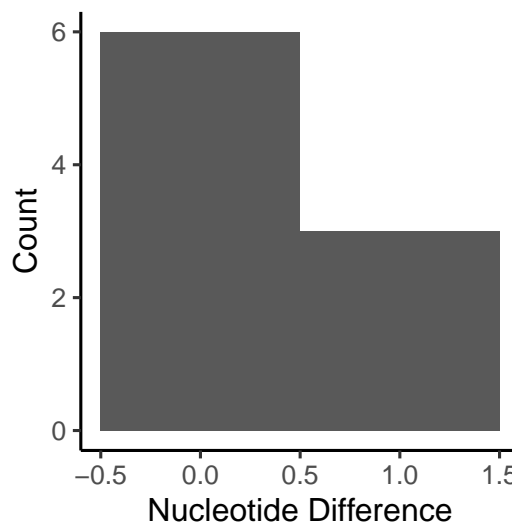
TRBV28*bp01

133 sequences assigned
87 (65.4%) exact matches, in which:
78 unique CDR3
13 unique J



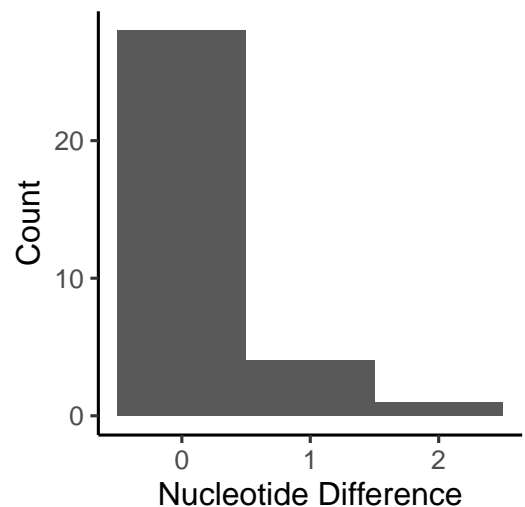
TRBV9*bp02

9 sequences assigned
6 (66.7%) exact matches, in which:
6 unique CDR3
4 unique J



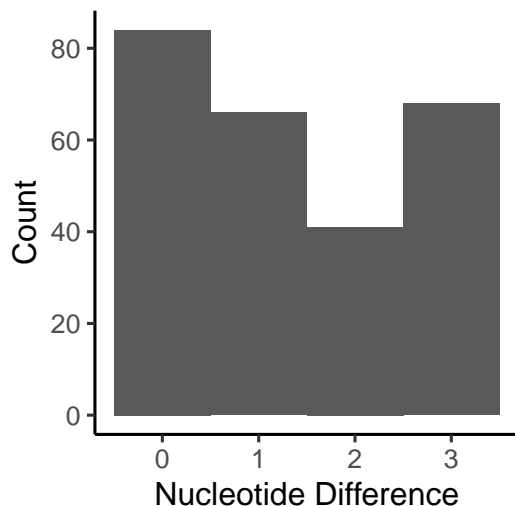
TRBV21-1*bp02

33 sequences assigned
28 (84.8%) exact matches, in which:
27 unique CDR3
9 unique J



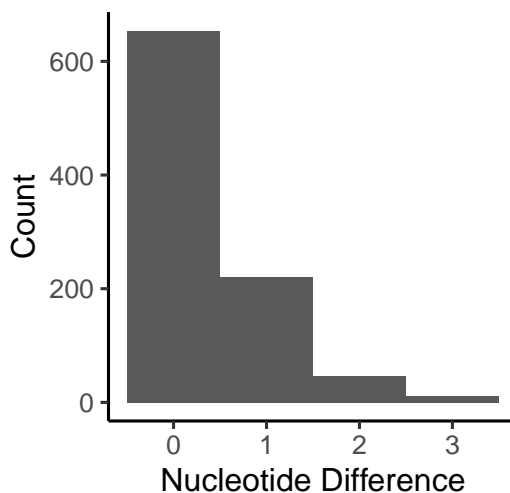
TRBV11–2*bp01

259 sequences assigned
84 (32.4%) exact matches, in which:
72 unique CDR3
11 unique J



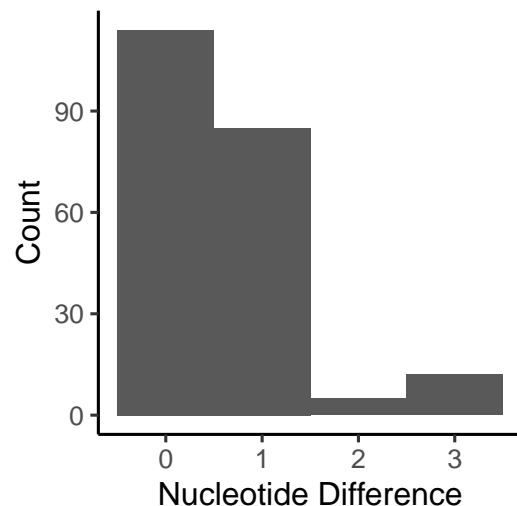
TRBV12–34*bp01

932 sequences assigned
654 (70.2%) exact matches, in which:
399 unique CDR3
14 unique J



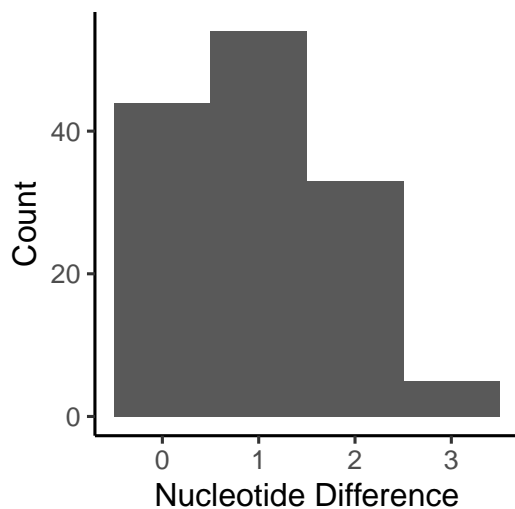
TRBV24–1*bp01

216 sequences assigned
114 (52.8%) exact matches, in which:
88 unique CDR3
12 unique J



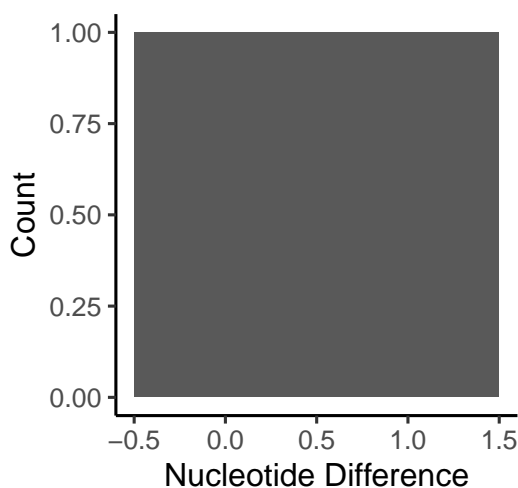
TRBV11–3*bp01

136 sequences assigned
44 (32.4%) exact matches, in which:
33 unique CDR3
8 unique J



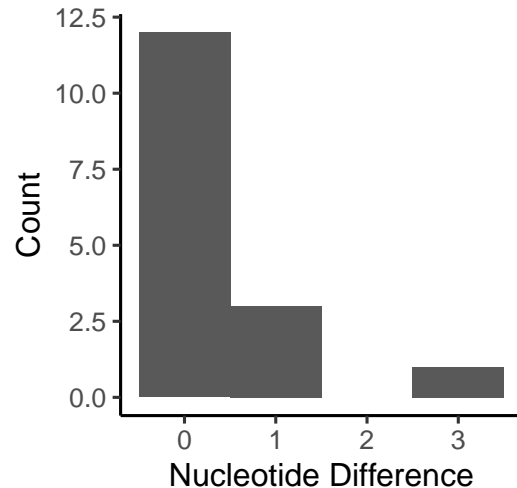
TRBV23–1*bp01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



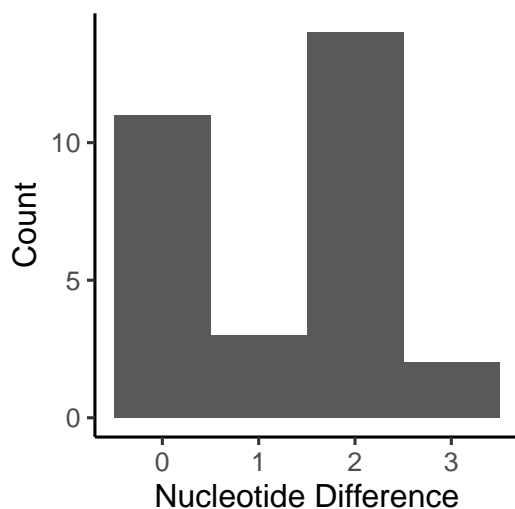
TRBV4–1*bp01

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



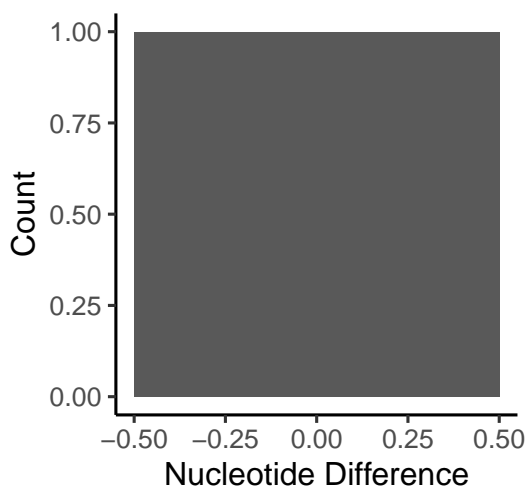
TRBV12–5*bp01

30 sequences assigned
11 (36.7%) exact matches, in which:
6 unique CDR3
6 unique J



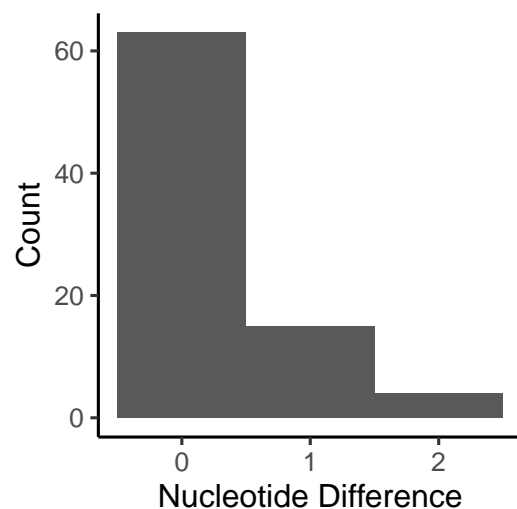
TRBV3–1*bp01

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



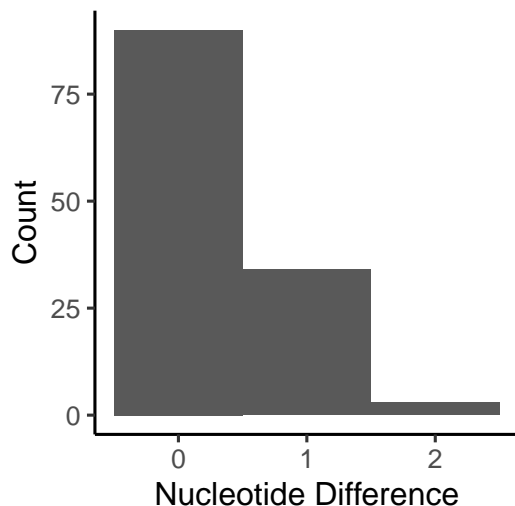
TRBV24–1*bp02

82 sequences assigned
63 (76.8%) exact matches, in which:
49 unique CDR3
12 unique J



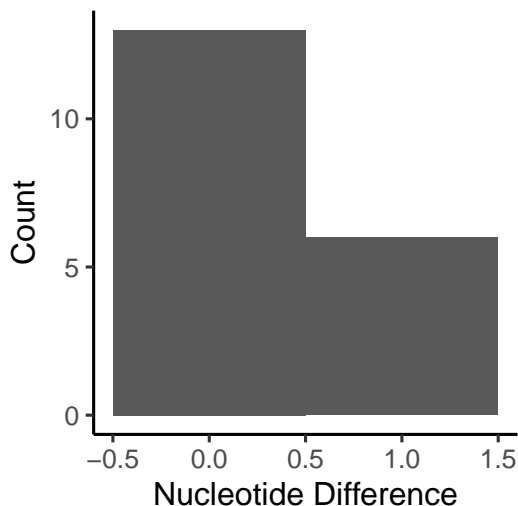
TRBV4-2*bp01

127 sequences assigned
90 (70.9%) exact matches, in which:
64 unique CDR3
12 unique J



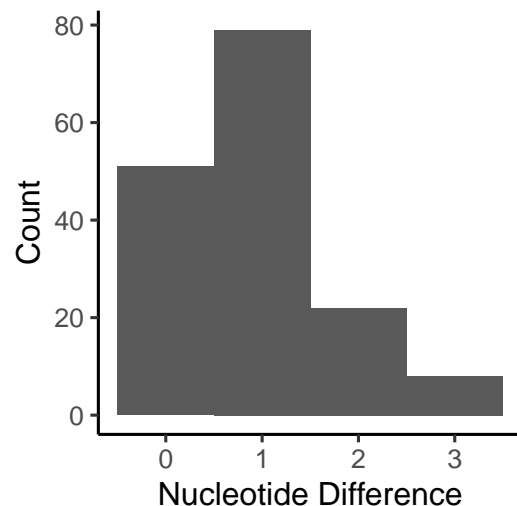
TRBV25-1*bp01

19 sequences assigned
13 (68.4%) exact matches, in which:
10 unique CDR3
6 unique J



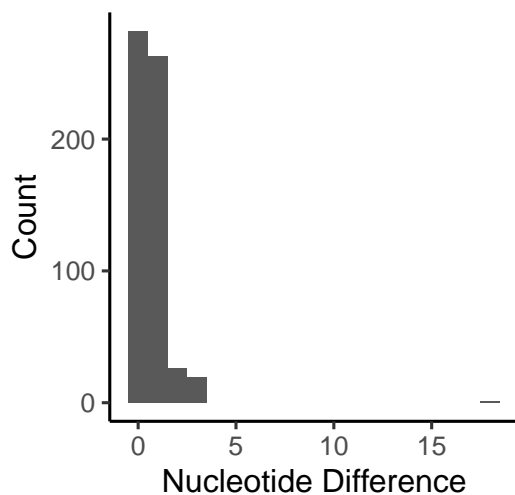
TRBV5-5*bp01

160 sequences assigned
51 (31.9%) exact matches, in which:
36 unique CDR3
10 unique J



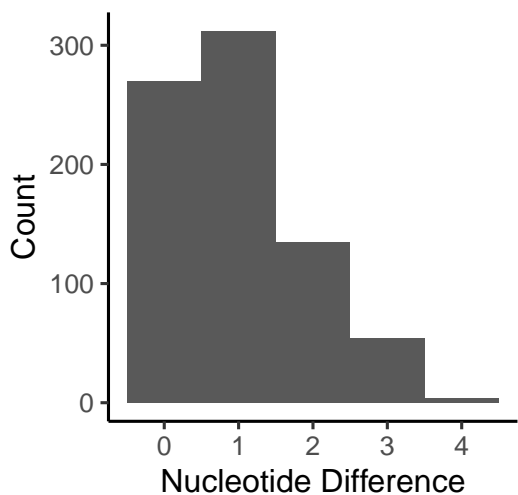
TRBV4-3*bp01

591 sequences assigned
282 (47.7%) exact matches, in which:
205 unique CDR3
13 unique J



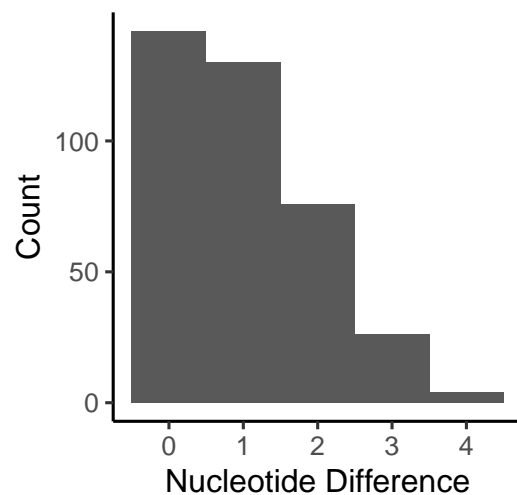
TRBV5-3*bp01

775 sequences assigned
270 (34.8%) exact matches, in which:
177 unique CDR3
13 unique J



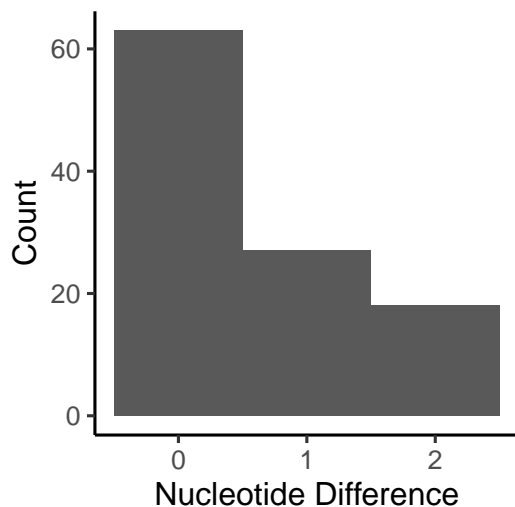
TRBV5-6*bp01

378 sequences assigned
142 (37.6%) exact matches, in which:
86 unique CDR3
13 unique J



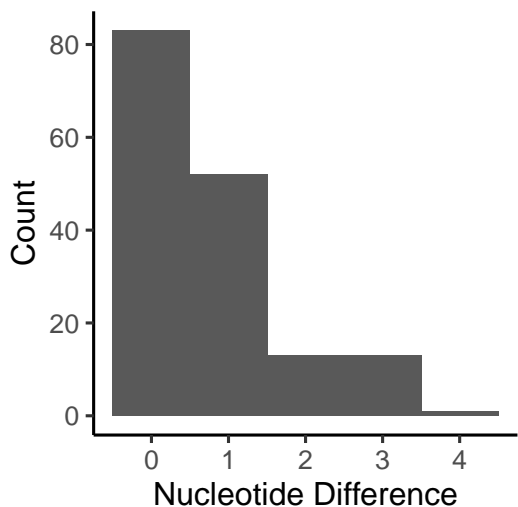
TRBV5-1*bp01

108 sequences assigned
63 (58.3%) exact matches, in which:
47 unique CDR3
12 unique J



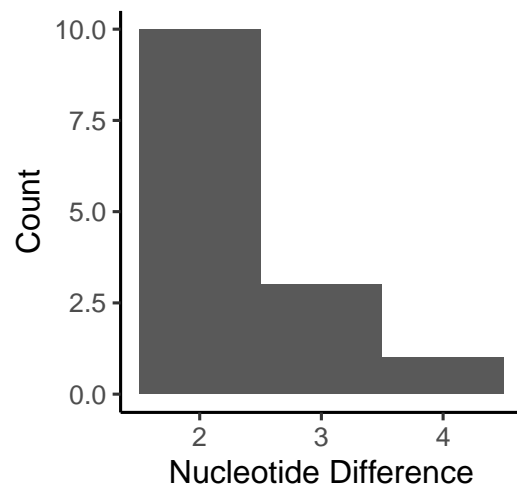
TRBV5-4*bp01

162 sequences assigned
83 (51.2%) exact matches, in which:
51 unique CDR3
12 unique J



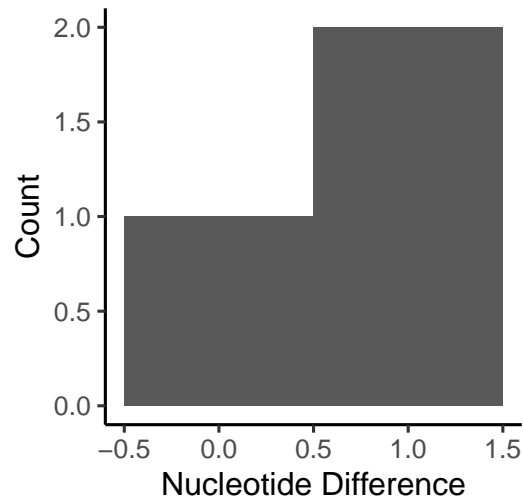
TRBV5-7*bp01

14 sequences assigned
No exact matches.



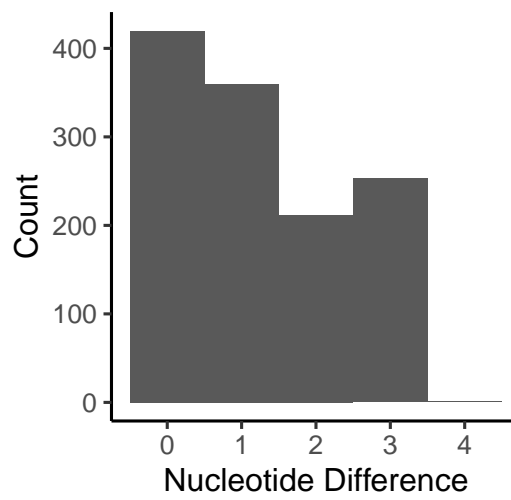
TRBV5-8*bp01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



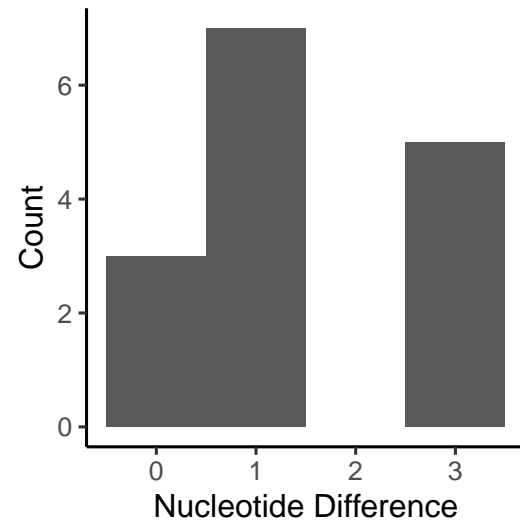
TRBV6-5*bp01

1246 sequences assigned
420 (33.7%) exact matches, in which:
334 unique CDR3
14 unique J



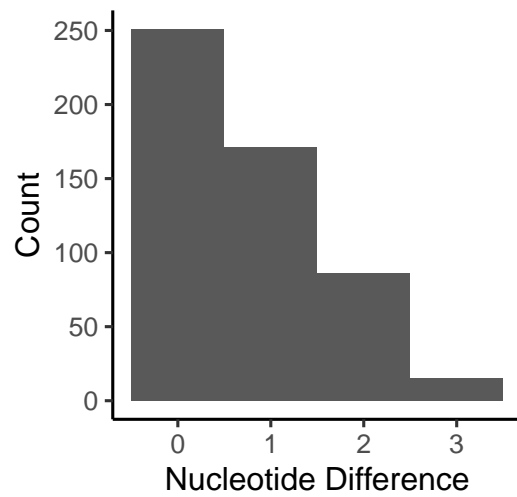
TRBV6-8*bp01

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



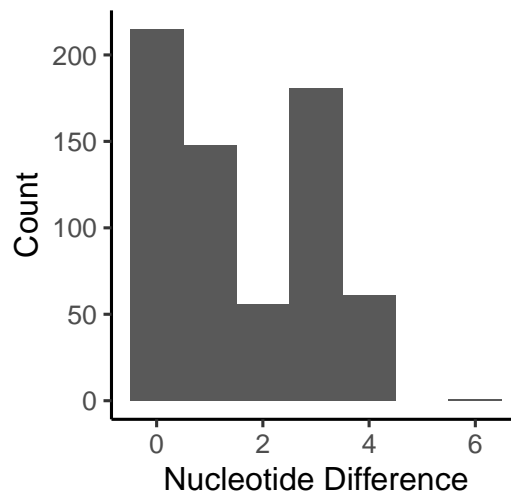
TRBV6-1*bp01

523 sequences assigned
251 (48%) exact matches, in which:
207 unique CDR3
13 unique J



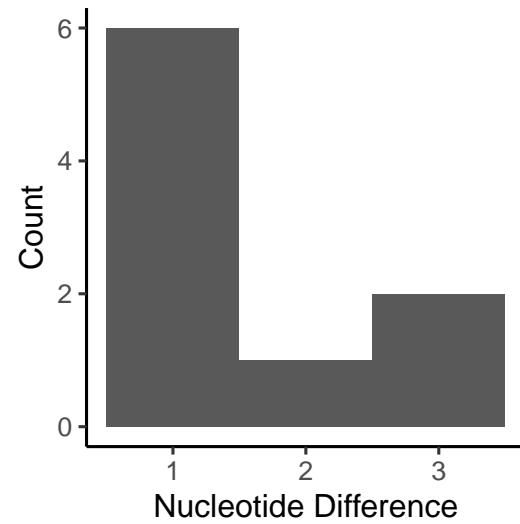
TRBV6-6*bp01

662 sequences assigned
215 (32.5%) exact matches, in which:
173 unique CDR3
14 unique J



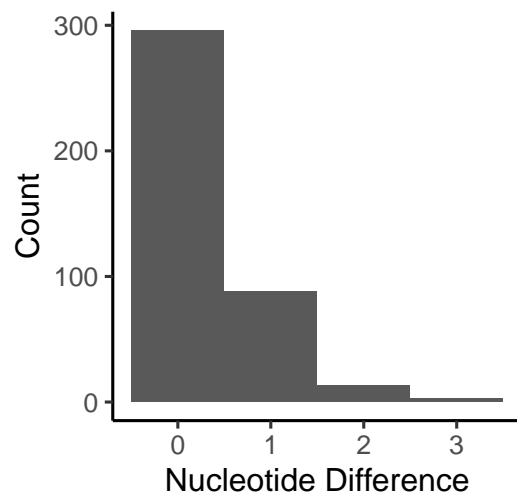
TRBV6-9*bp01

9 sequences assigned
No exact matches.



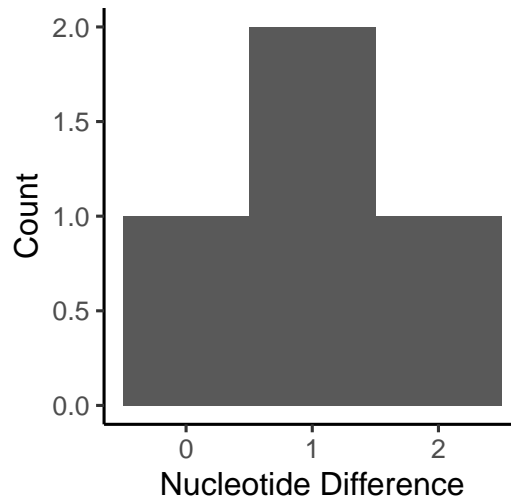
TRBV6-4*bp01

400 sequences assigned
296 (74%) exact matches, in which:
212 unique CDR3
14 unique J



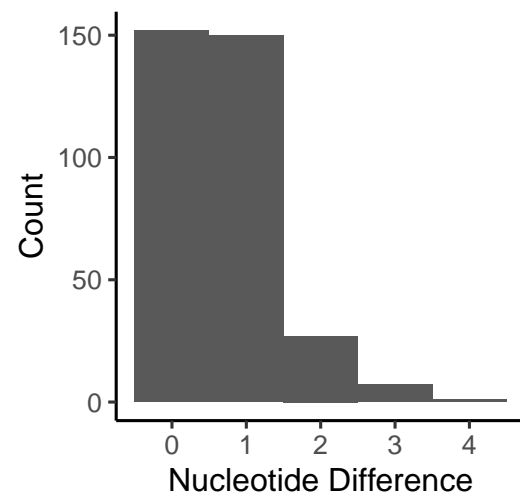
TRBV6-7*bp01

4 sequences assigned
1 (25%) exact matches, in which:
1 unique CDR3
1 unique J



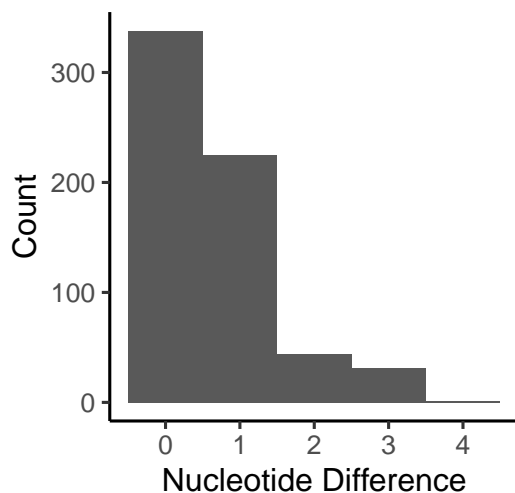
TRBV6-23*bp01

337 sequences assigned
152 (45.1%) exact matches, in which:
130 unique CDR3
14 unique J



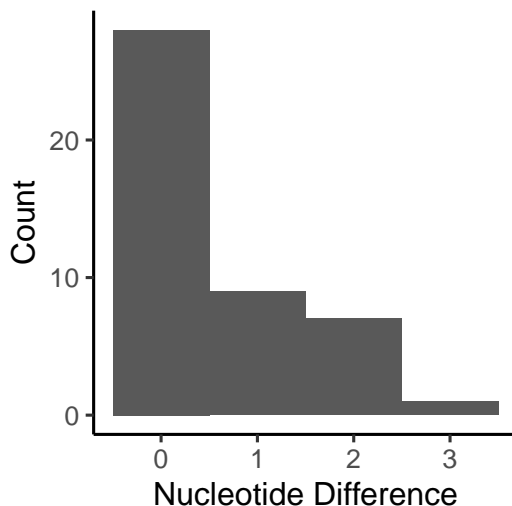
TRBV7-2*bp01

639 sequences assigned
338 (52.9%) exact matches, in which:
206 unique CDR3
14 unique J



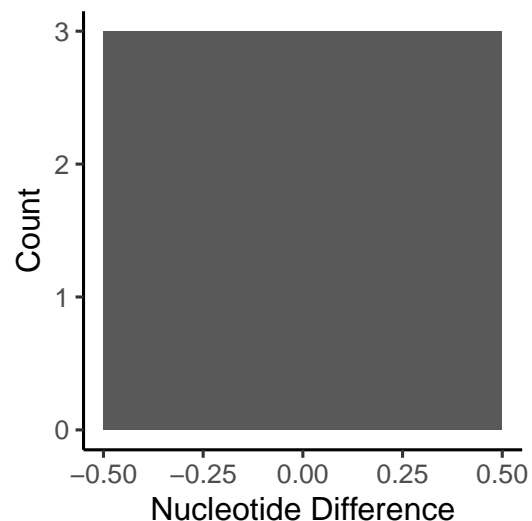
TRBV7-4*bp01

45 sequences assigned
28 (62.2%) exact matches, in which:
16 unique CDR3
7 unique J



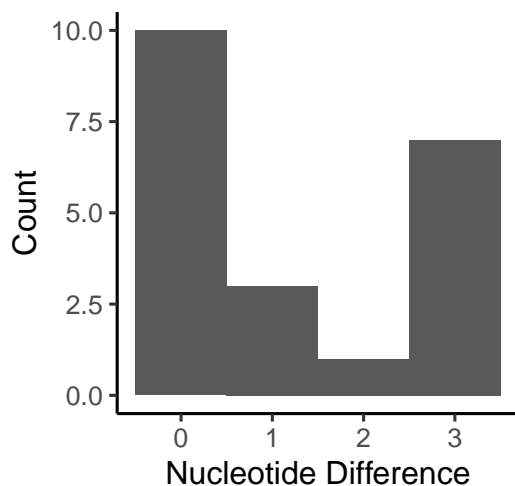
TRBV7-8*bp01

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



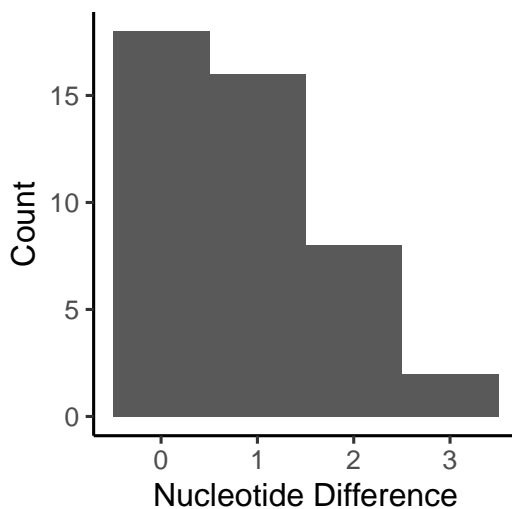
TRBV7-3*bp01

21 sequences assigned
10 (47.6%) exact matches, in which:
8 unique CDR3
6 unique J



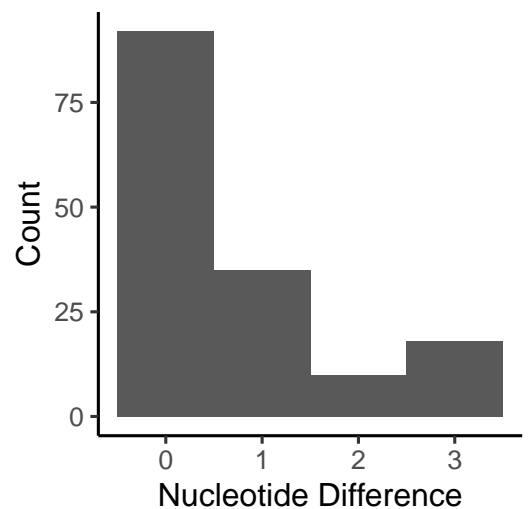
TRBV7-6*bp01

44 sequences assigned
18 (40.9%) exact matches, in which:
11 unique CDR3
7 unique J



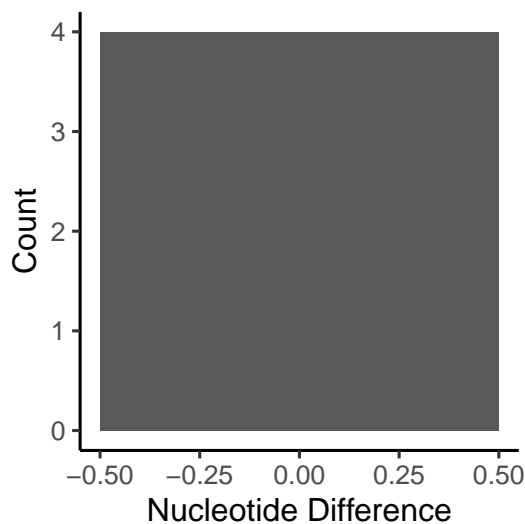
TRBV7-9*bp01

155 sequences assigned
92 (59.4%) exact matches, in which:
63 unique CDR3
13 unique J



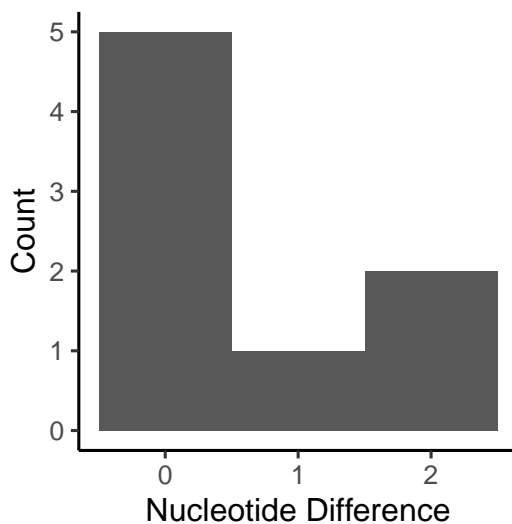
TRBV7-3*bp03

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



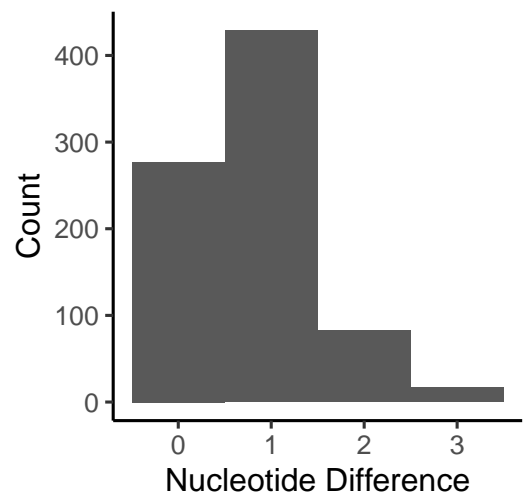
TRBV7-7*bp01

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



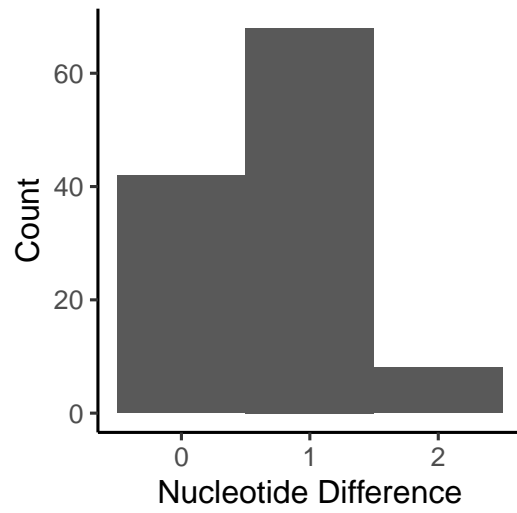
TRBV29-1*bp01

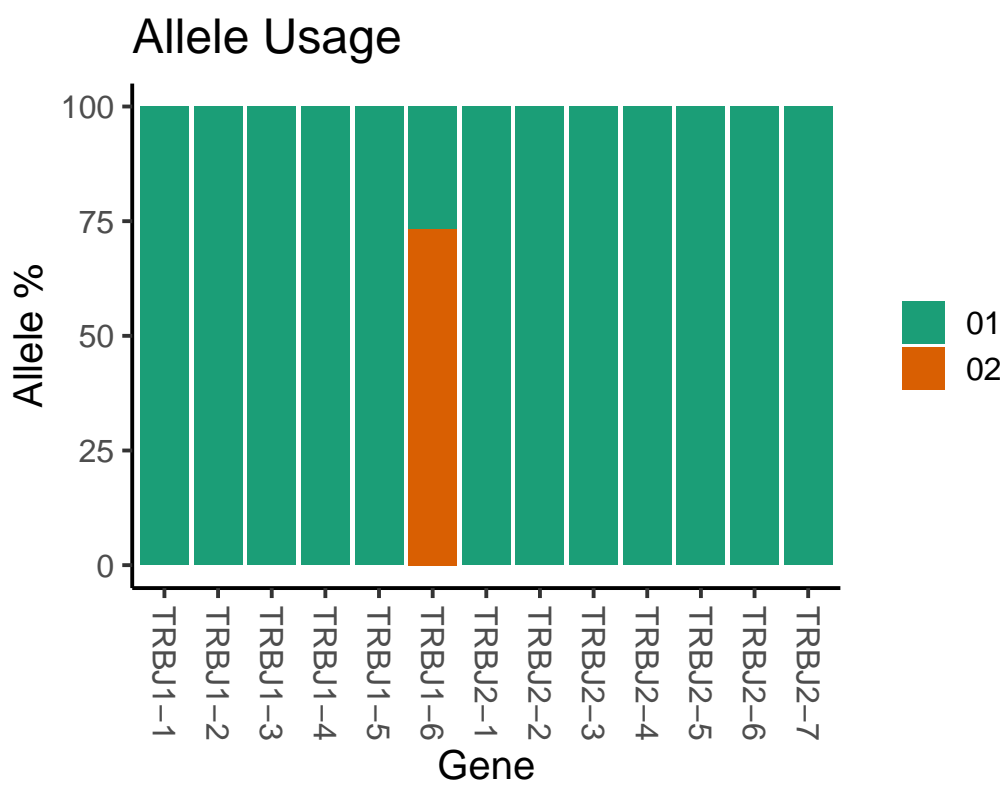
806 sequences assigned
277 (34.4%) exact matches, in which:
170 unique CDR3
11 unique J



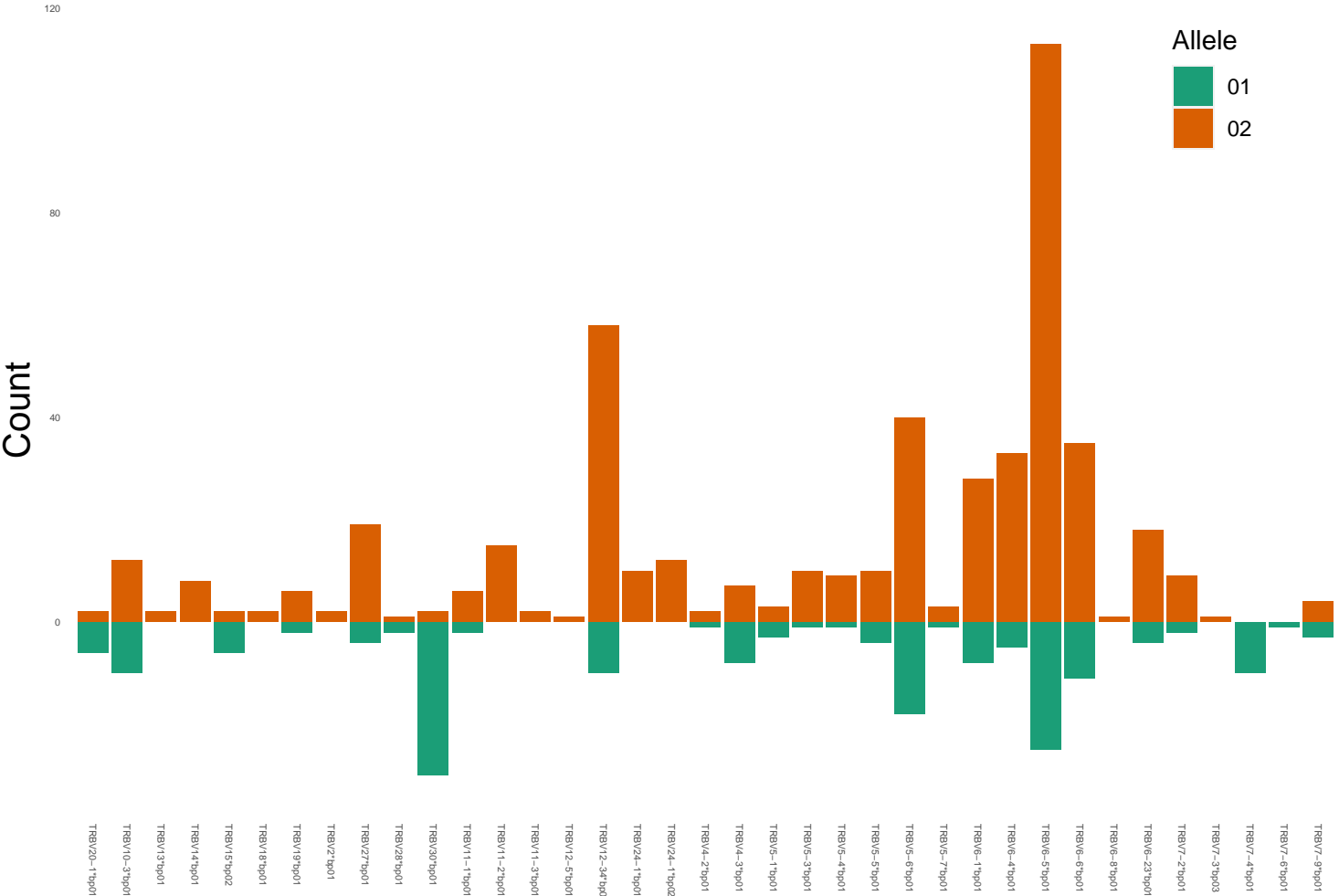
TRBV29–1*bp03

118 sequences assigned
42 (35.6%) exact matches, in which:
28 unique CDR3
7 unique J





Sequence Count by TRBJ1–6 allele usage



[illegible]