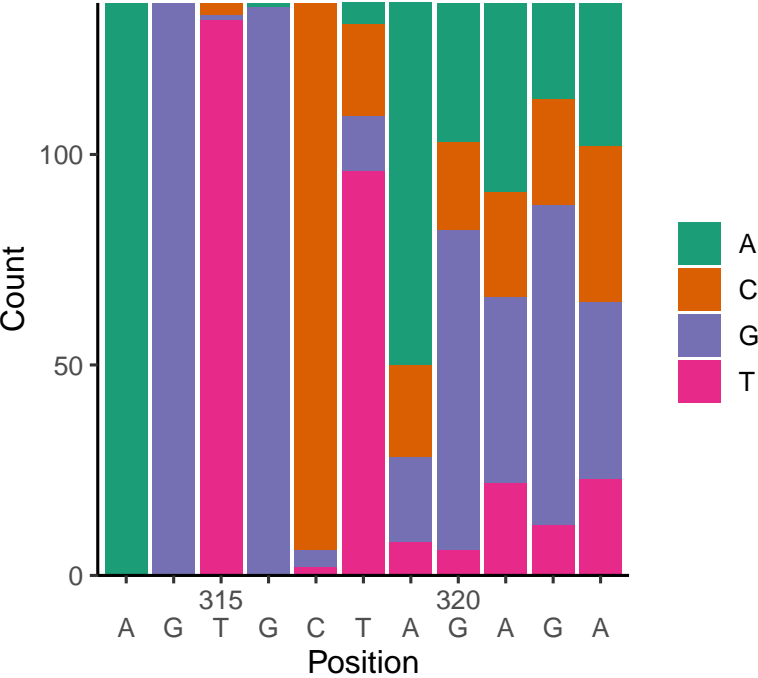


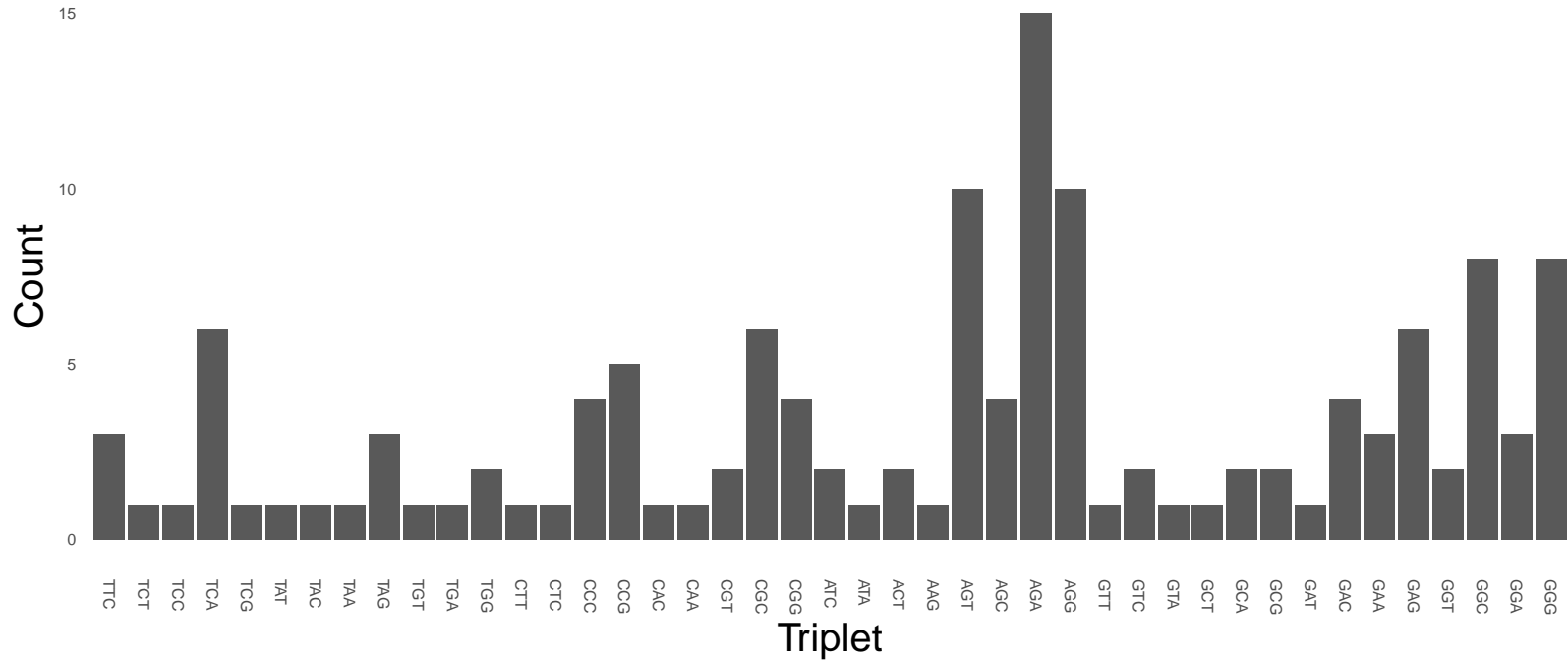
Gene TRBV20-1*bp04_322GA323



Gene TRBV20-1*bp04_322GA323

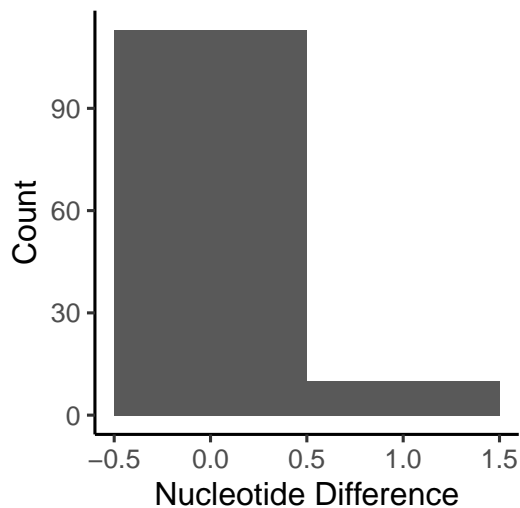


TRBV20-1*bp04_322GA323- Final 3 nucleotides as a triplet



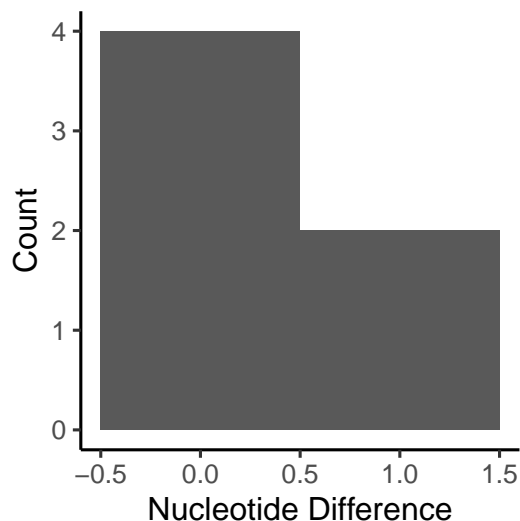
TRBV20–1*bp01

123 sequences assigned
113 (91.9%) exact matches, in which:
90 unique CDR3
14 unique J



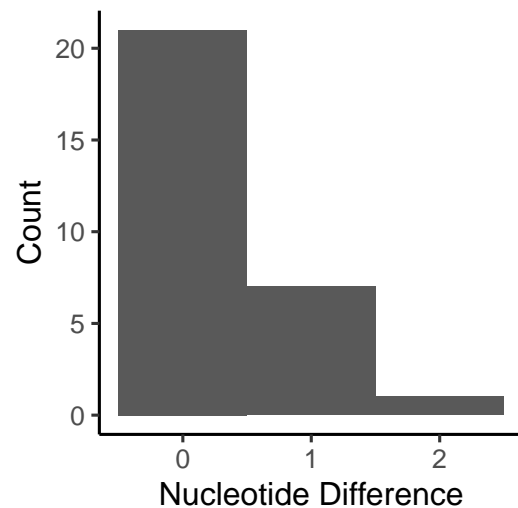
TRBV10–2*bp01

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



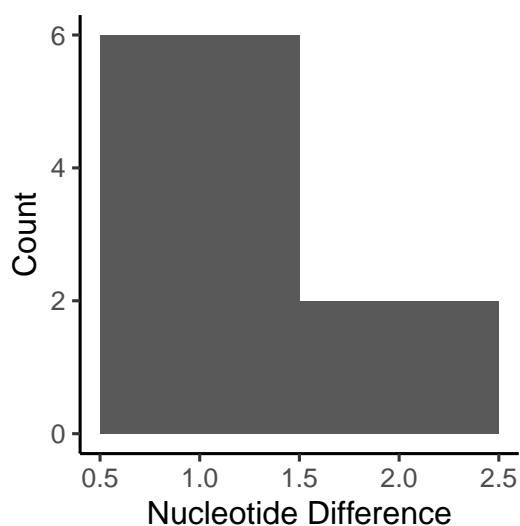
TRBV14*bp01

29 sequences assigned
21 (72.4%) exact matches, in which:
15 unique CDR3
7 unique J



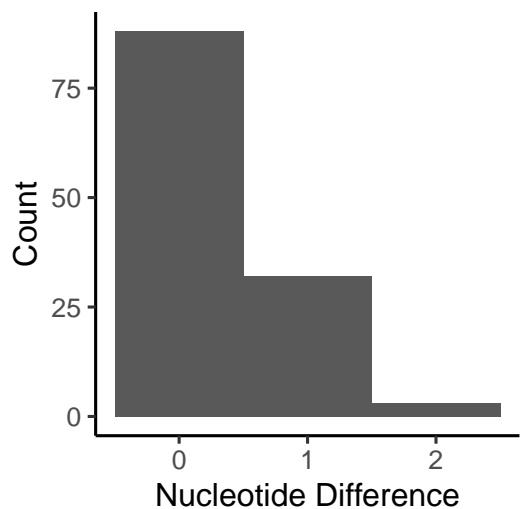
TRBV10–1*bp02

8 sequences assigned
No exact matches.



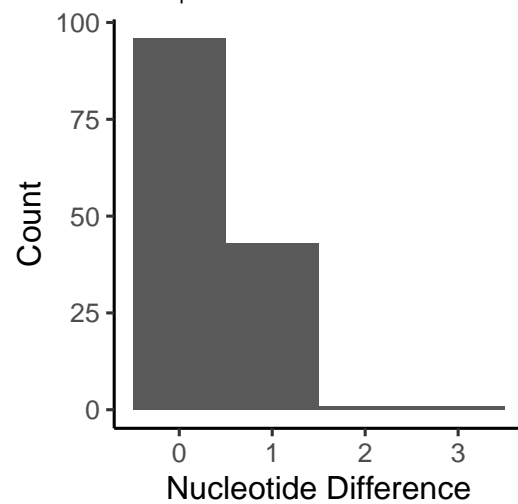
TRBV10–3*bp01

123 sequences assigned
88 (71.5%) exact matches, in which:
71 unique CDR3
13 unique J



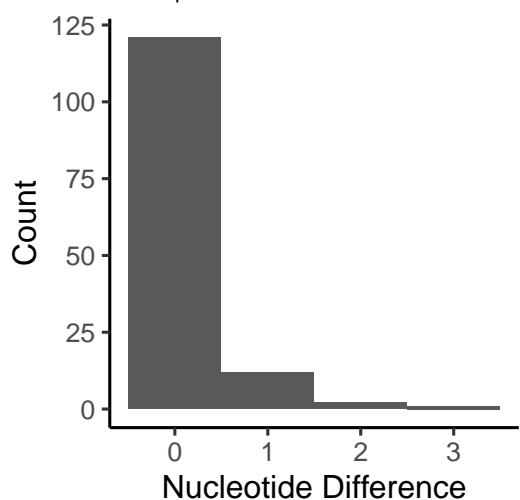
TRBV15*bp02

141 sequences assigned
96 (68.1%) exact matches, in which:
51 unique CDR3
11 unique J



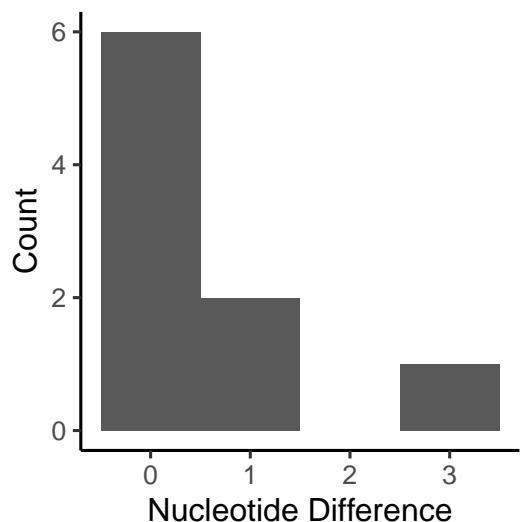
TRBV20–1*bp04_322GA:

136 sequences assigned
121 (89%) exact matches, in which:
97 unique CDR3
14 unique J



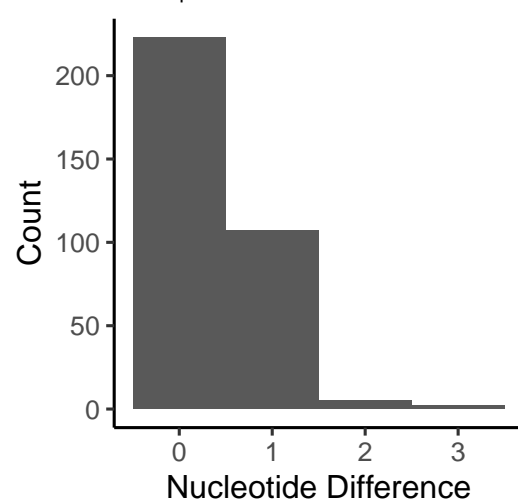
TRBV13*bp01

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



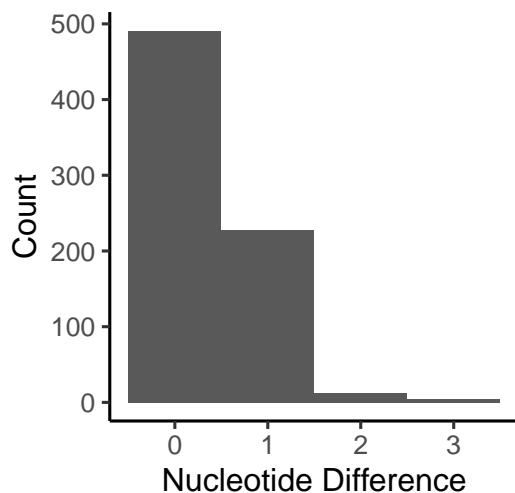
TRBV18*bp01

337 sequences assigned
223 (66.2%) exact matches, in which:
127 unique CDR3
14 unique J



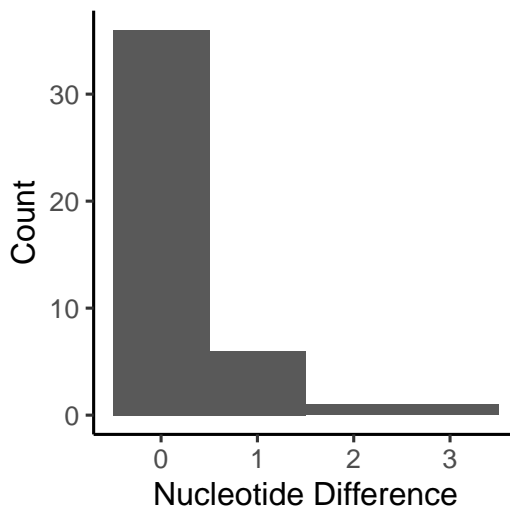
TRBV19*bp01

735 sequences assigned
491 (66.8%) exact matches, in which:
267 unique CDR3
14 unique J



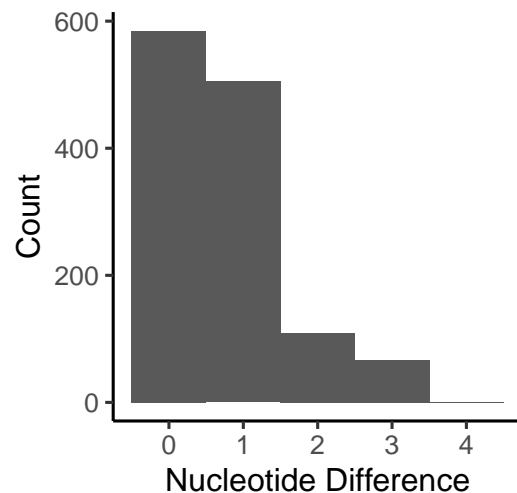
TRBV28*bp01

44 sequences assigned
36 (81.8%) exact matches, in which:
31 unique CDR3
13 unique J



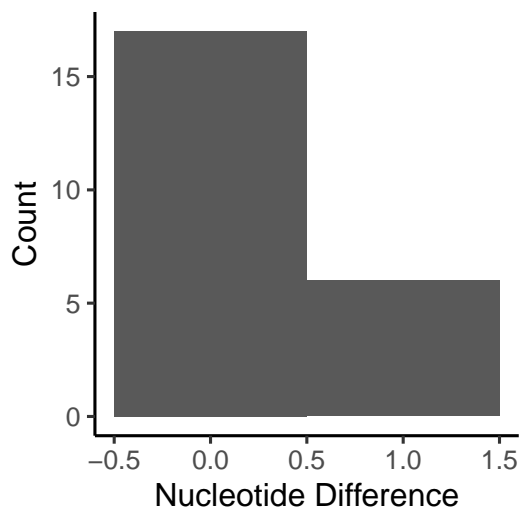
TRBV11-1*bp01

1267 sequences assigned
585 (46.2%) exact matches, in which:
389 unique CDR3
14 unique J



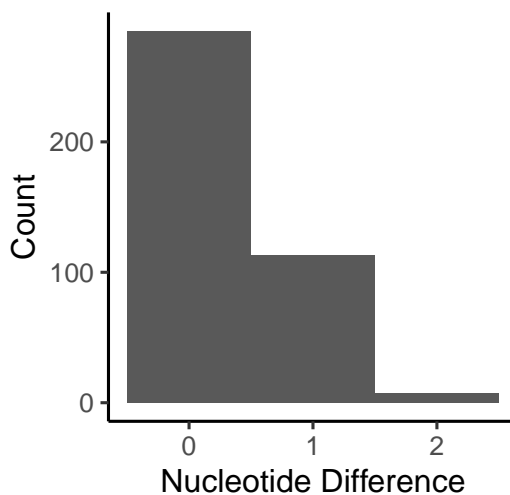
TRBV2*bp01

23 sequences assigned
17 (73.9%) exact matches, in which:
17 unique CDR3
9 unique J



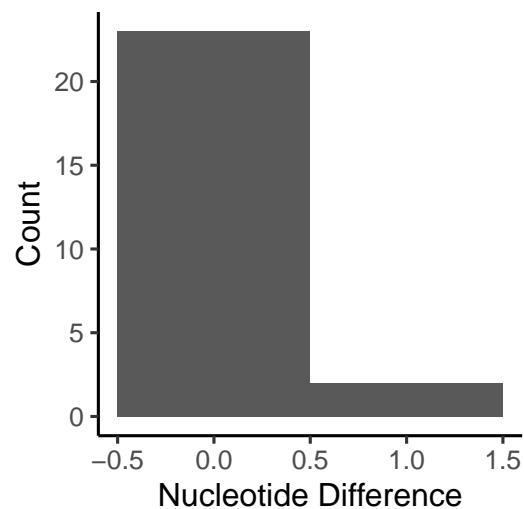
TRBV30*bp01

405 sequences assigned
285 (70.4%) exact matches, in which:
116 unique CDR3
14 unique J



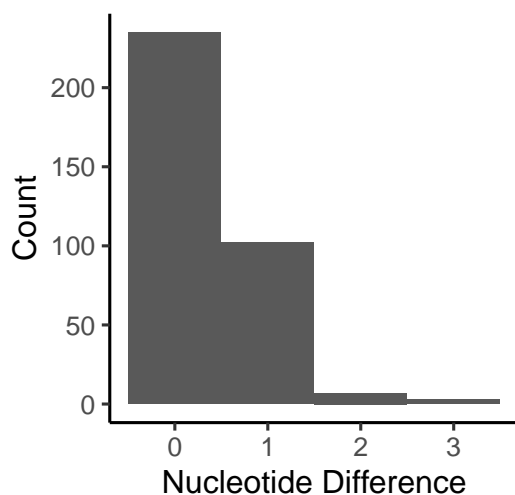
TRBV21-1*bp01

25 sequences assigned
23 (92%) exact matches, in which:
21 unique CDR3
10 unique J



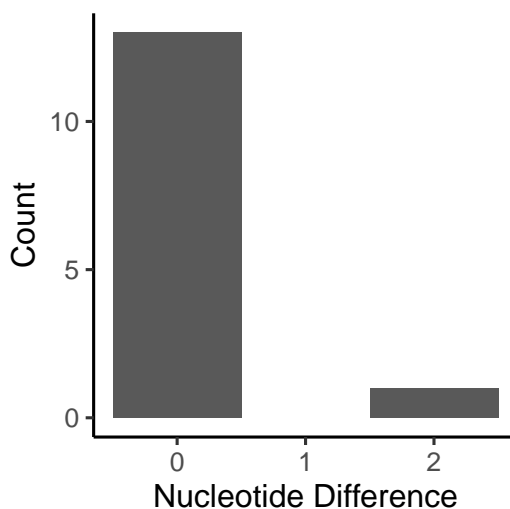
TRBV27*bp01

347 sequences assigned
235 (67.7%) exact matches, in which:
170 unique CDR3
14 unique J



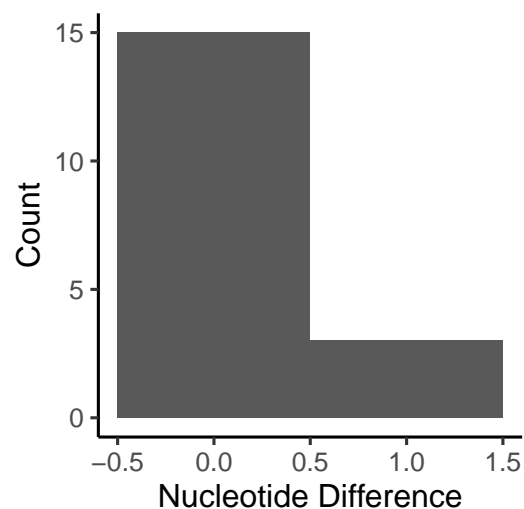
TRBV9*bp01

14 sequences assigned
13 (92.9%) exact matches, in which:
13 unique CDR3
8 unique J



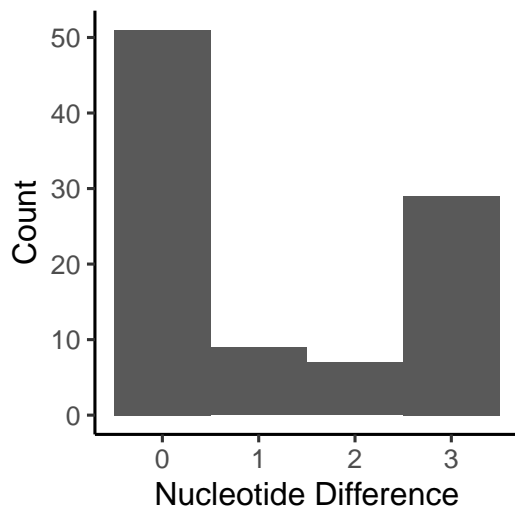
TRBV21-1*bp02

18 sequences assigned
15 (83.3%) exact matches, in which:
13 unique CDR3
7 unique J



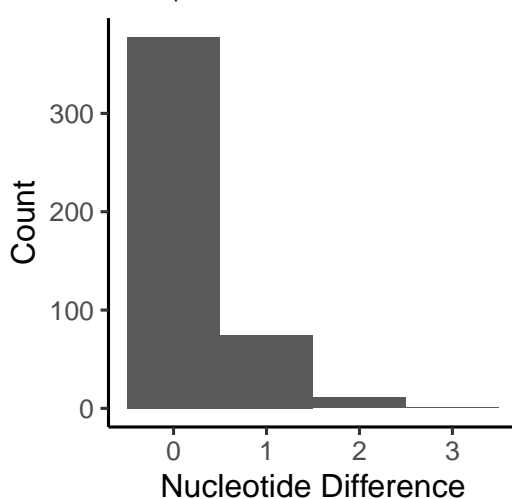
TRBV11–2*bp01

96 sequences assigned
51 (53.1%) exact matches, in which:
34 unique CDR3
9 unique J



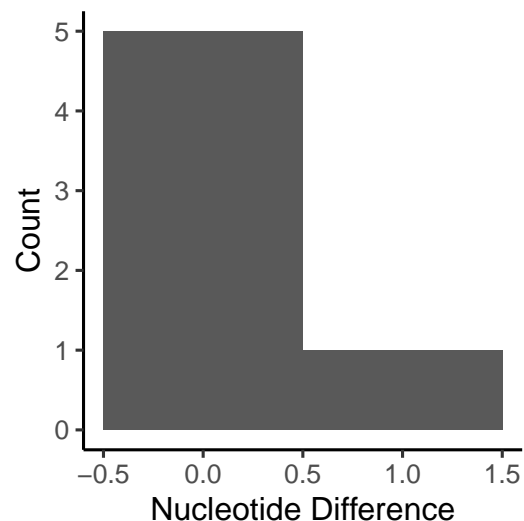
TRBV12–34*bp01

465 sequences assigned
378 (81.3%) exact matches, in which:
210 unique CDR3
14 unique J



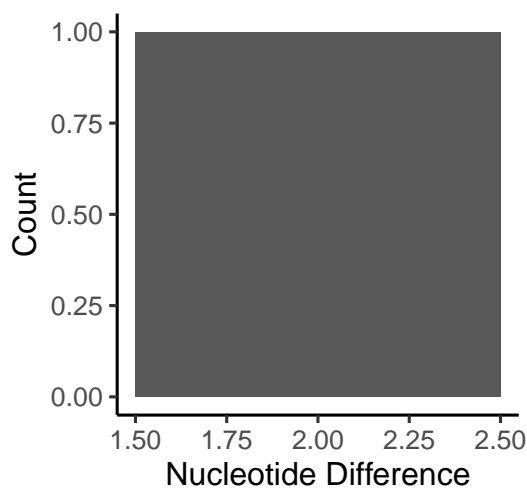
TRBV4–1*bp01

6 sequences assigned
5 (83.3%) exact matches, in which:
5 unique CDR3
5 unique J



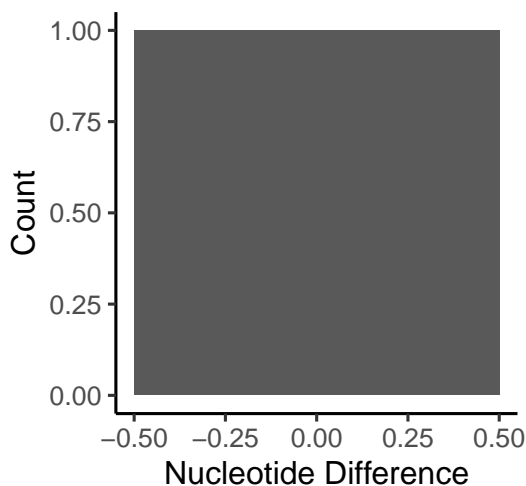
TRBV11–3*bp01

1 sequences assigned
No exact matches.



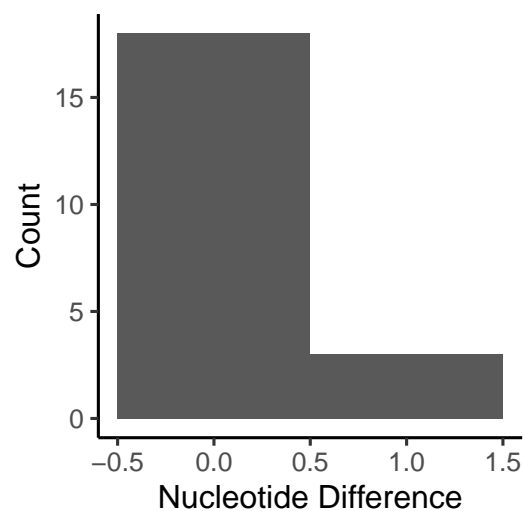
TRBV23–1*bp01

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



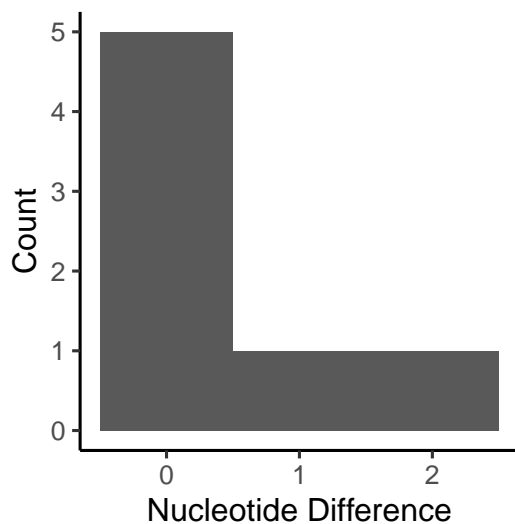
TRBV24–1*bp02

21 sequences assigned
18 (85.7%) exact matches, in which:
15 unique CDR3
8 unique J



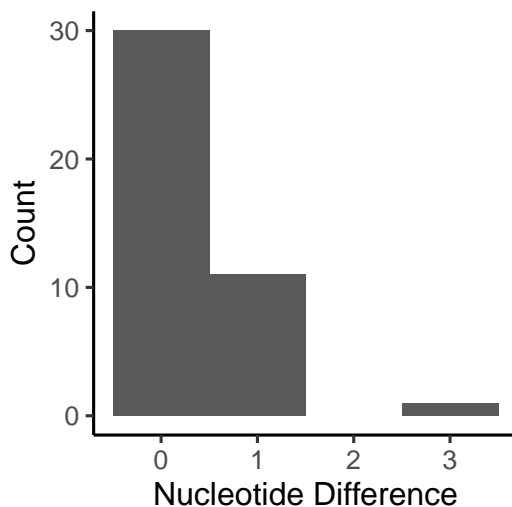
TRBV12–5*bp01

7 sequences assigned
5 (71.4%) exact matches, in which:
5 unique CDR3
5 unique J



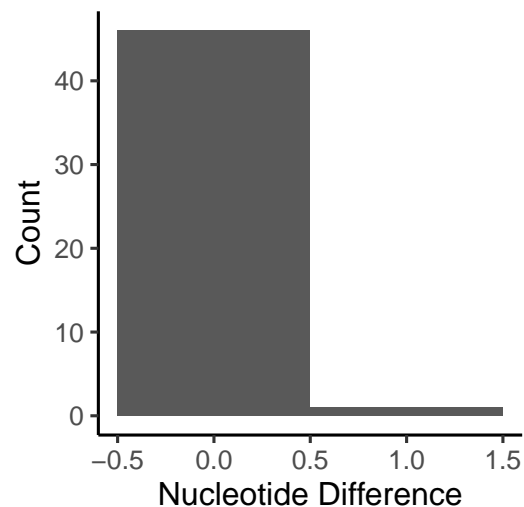
TRBV24–1*bp01

42 sequences assigned
30 (71.4%) exact matches, in which:
27 unique CDR3
7 unique J



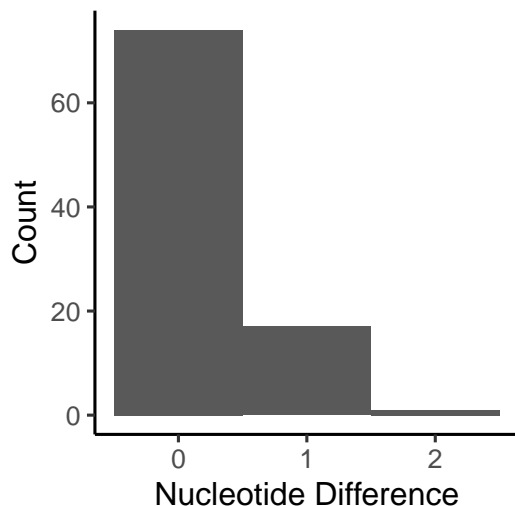
TRBV4–2*bp01

47 sequences assigned
46 (97.9%) exact matches, in which:
39 unique CDR3
11 unique J



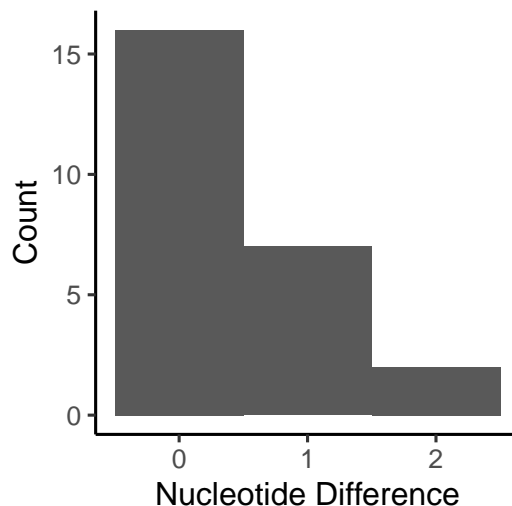
TRBV4-3*bp01

92 sequences assigned
74 (80.4%) exact matches, in which:
60 unique CDR3
13 unique J



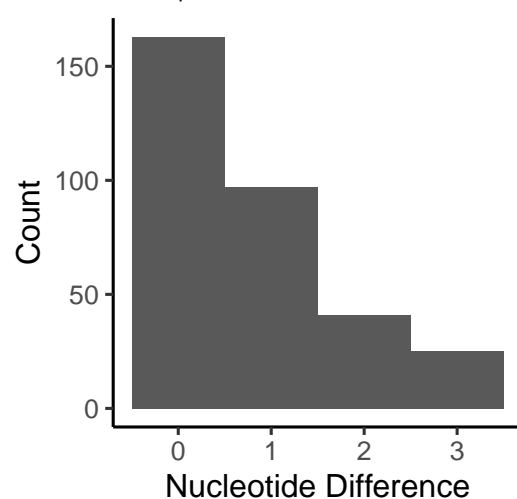
TRBV5-3*bp01

25 sequences assigned
16 (64%) exact matches, in which:
14 unique CDR3
6 unique J



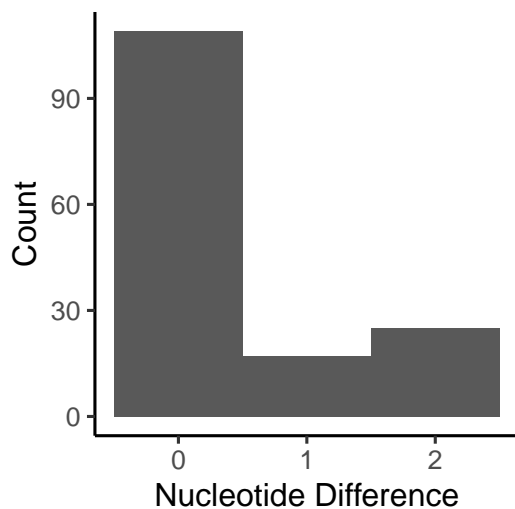
TRBV5-6*bp01

326 sequences assigned
163 (50%) exact matches, in which:
87 unique CDR3
14 unique J



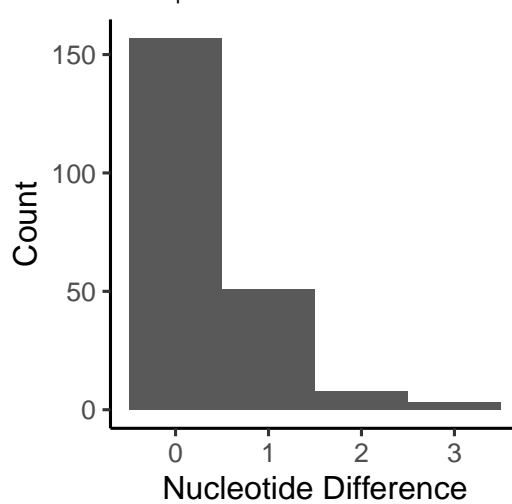
TRBV5-1*bp01

151 sequences assigned
109 (72.2%) exact matches, in which:
79 unique CDR3
11 unique J



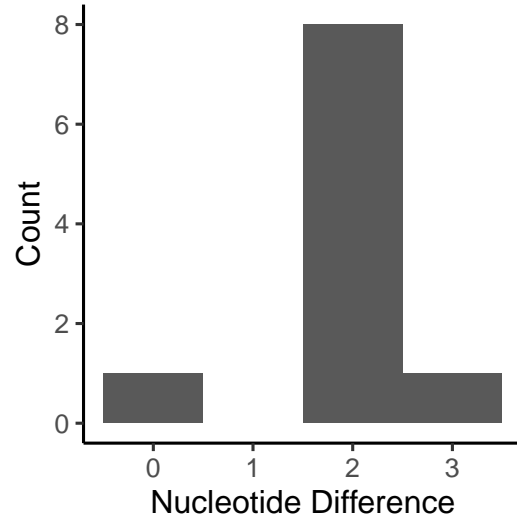
TRBV5-4*bp01

219 sequences assigned
157 (71.7%) exact matches, in which:
84 unique CDR3
14 unique J



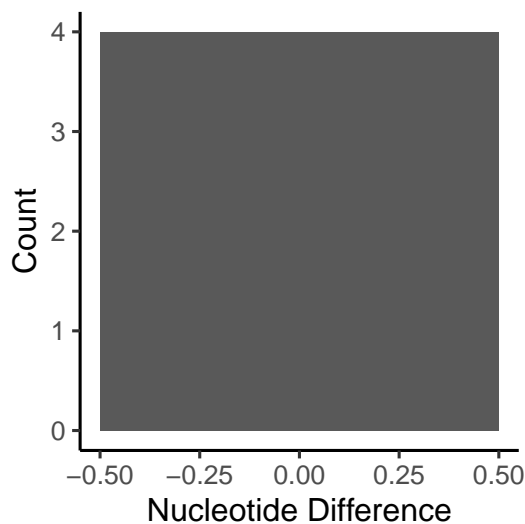
TRBV5-7*bp01

10 sequences assigned
1 (10%) exact matches, in which:
1 unique CDR3
1 unique J



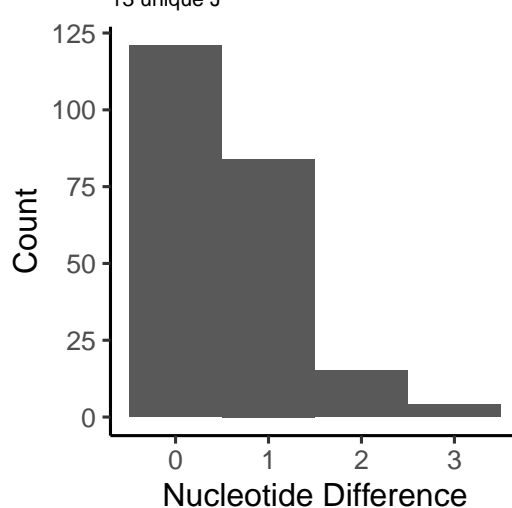
TRBV25-1*bp01

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



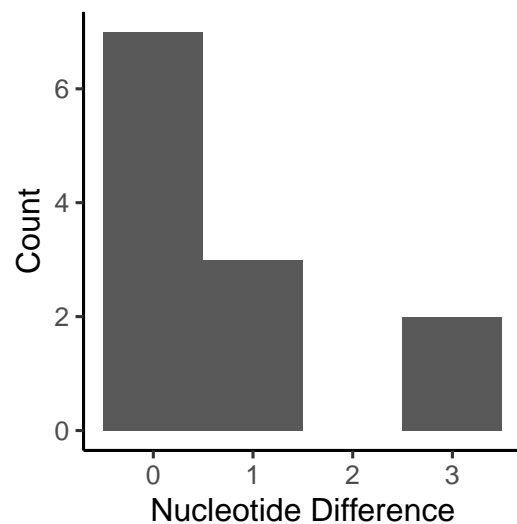
TRBV5-5*bp01

224 sequences assigned
121 (54%) exact matches, in which:
69 unique CDR3
13 unique J



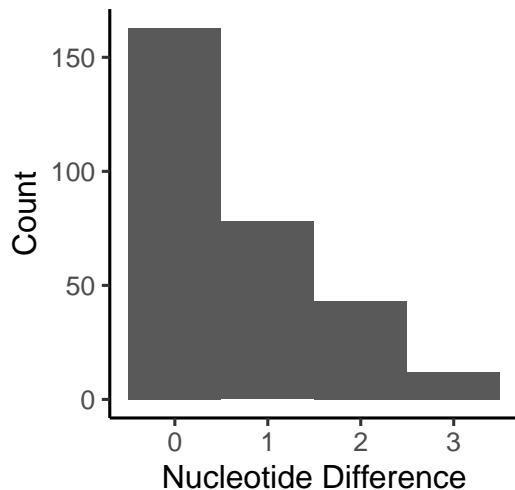
TRBV5-8*bp01

12 sequences assigned
7 (58.3%) exact matches, in which:
5 unique CDR3
3 unique J



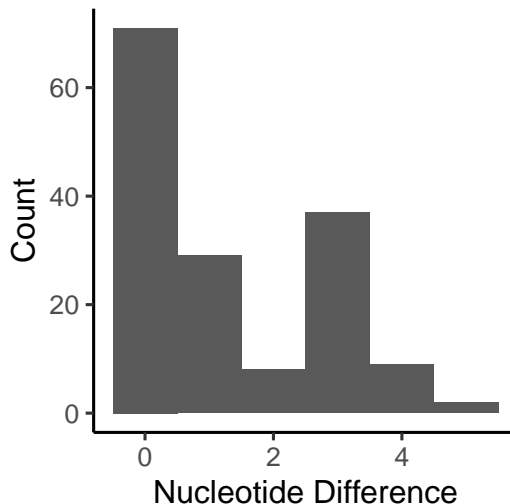
TRBV6-1*bp01

296 sequences assigned
163 (55.1%) exact matches, in which:
130 unique CDR3
14 unique J



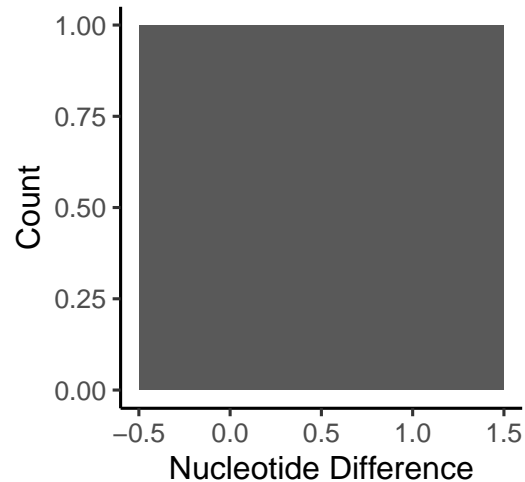
TRBV6-6*bp01

156 sequences assigned
71 (45.5%) exact matches, in which:
59 unique CDR3
14 unique J



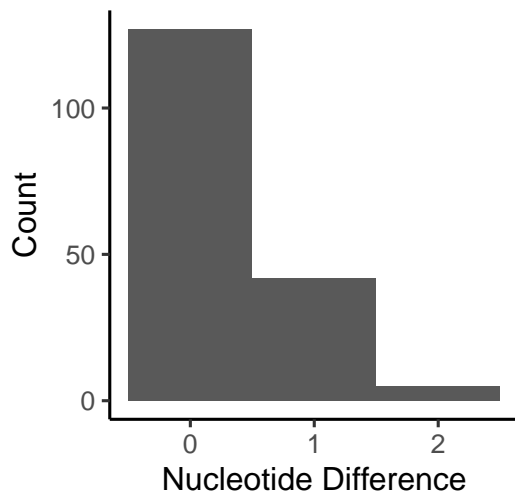
TRBV6-9*bp01

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



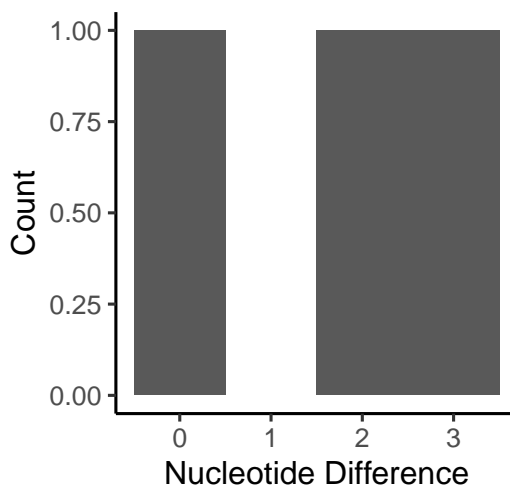
TRBV6-4*bp01

174 sequences assigned
127 (73%) exact matches, in which:
93 unique CDR3
13 unique J



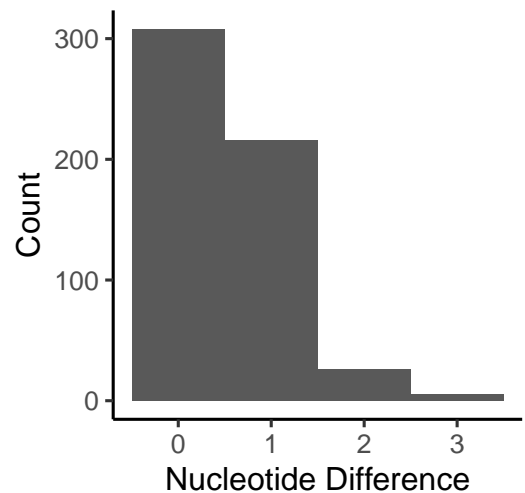
TRBV6-7*bp01

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



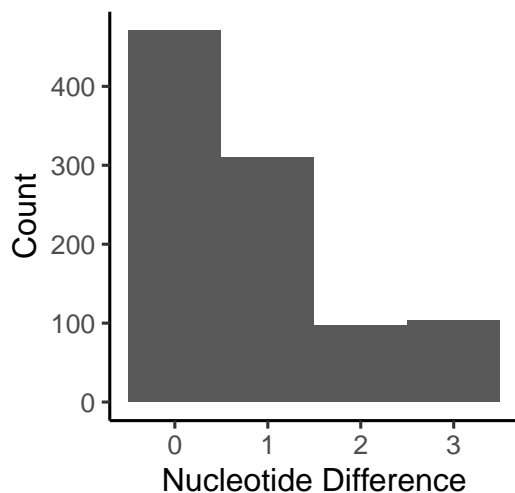
TRBV6-23*bp01

555 sequences assigned
308 (55.5%) exact matches, in which:
234 unique CDR3
14 unique J



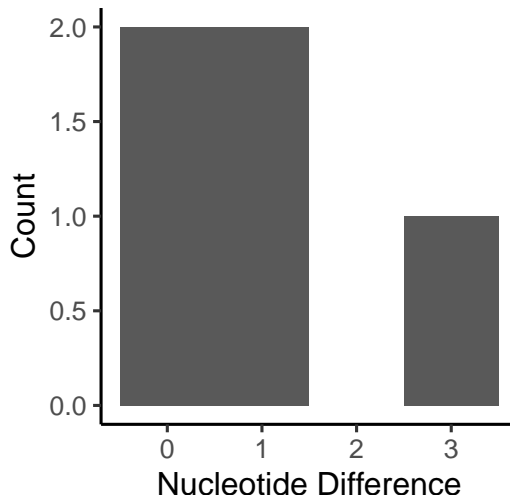
TRBV6-5*bp01

981 sequences assigned
471 (48%) exact matches, in which:
359 unique CDR3
14 unique J



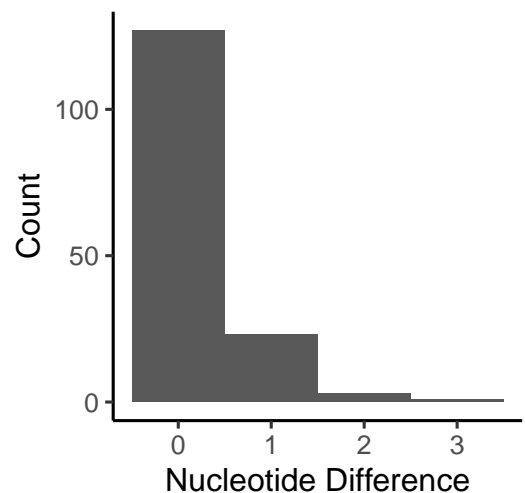
TRBV6-8*bp01

5 sequences assigned
2 (40%) exact matches, in which:
1 unique CDR3
1 unique J



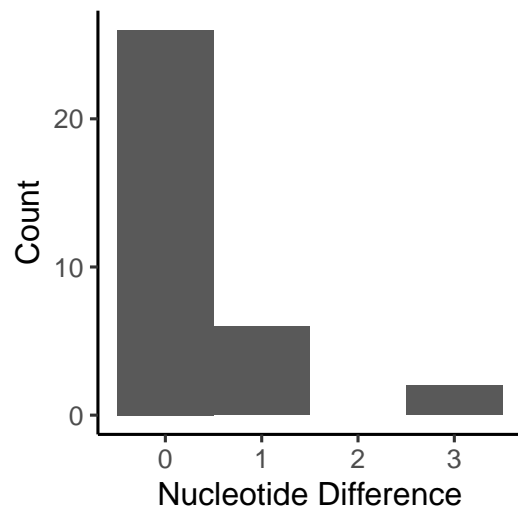
TRBV7-2*bp01

154 sequences assigned
127 (82.5%) exact matches, in which:
86 unique CDR3
13 unique J



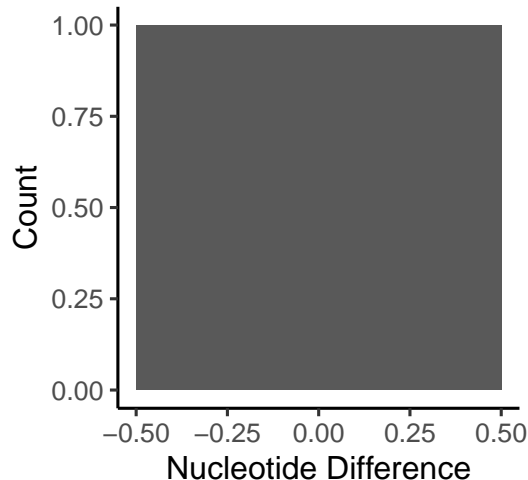
TRBV7-3*bp01

34 sequences assigned
26 (76.5%) exact matches, in which:
24 unique CDR3
9 unique J



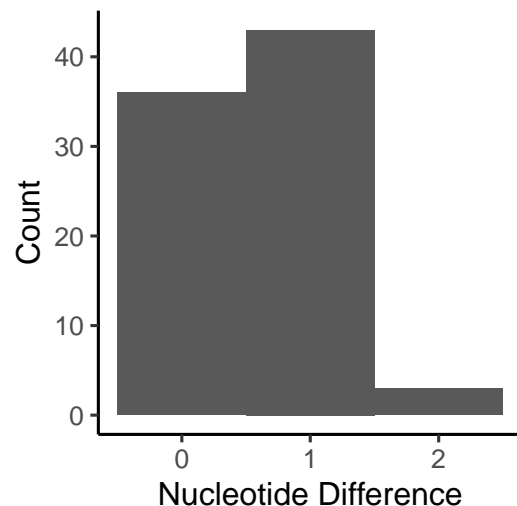
TRBV7-7*bp01

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



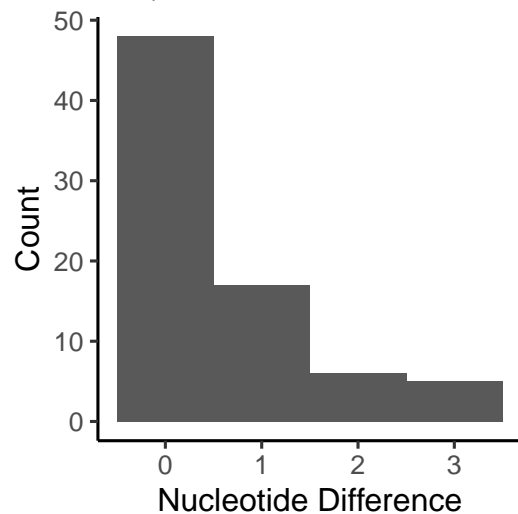
TRBV29-1*bp03

82 sequences assigned
36 (43.9%) exact matches, in which:
13 unique CDR3
5 unique J



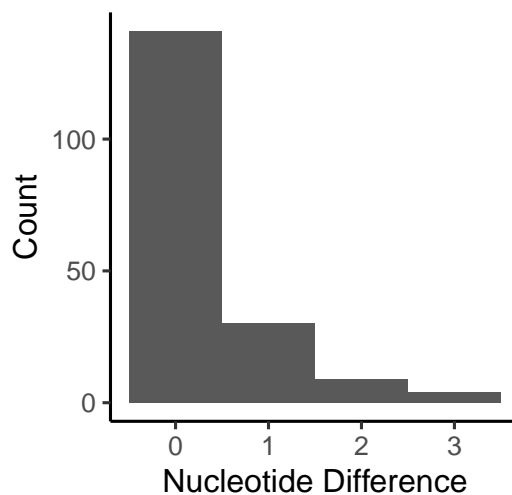
TRBV7-4*bp01

76 sequences assigned
48 (63.2%) exact matches, in which:
26 unique CDR3
9 unique J



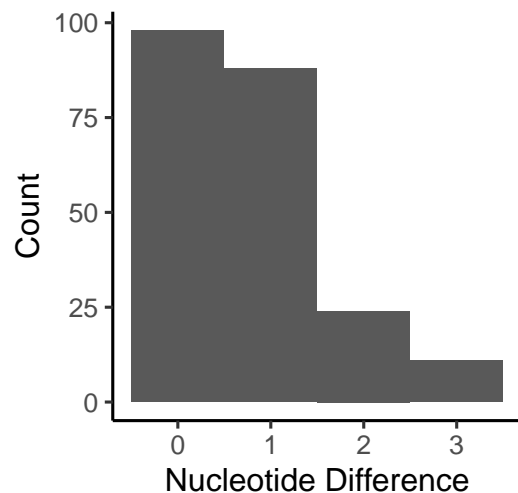
TRBV7-9*bp01

184 sequences assigned
141 (76.6%) exact matches, in which:
93 unique CDR3
13 unique J



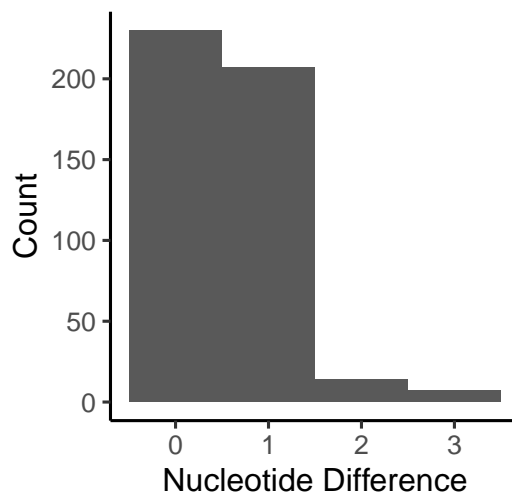
TRBV7-6*bp01

221 sequences assigned
98 (44.3%) exact matches, in which:
53 unique CDR3
12 unique J

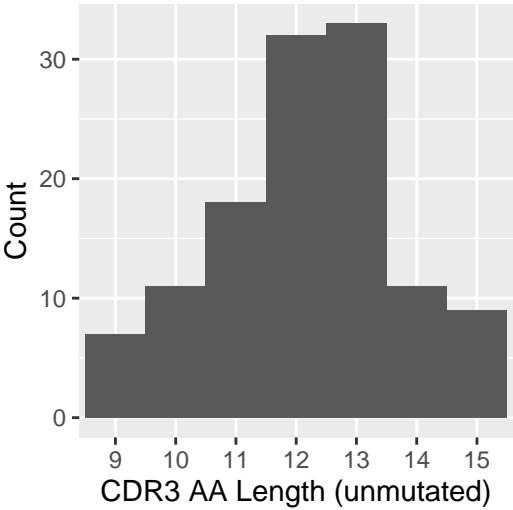


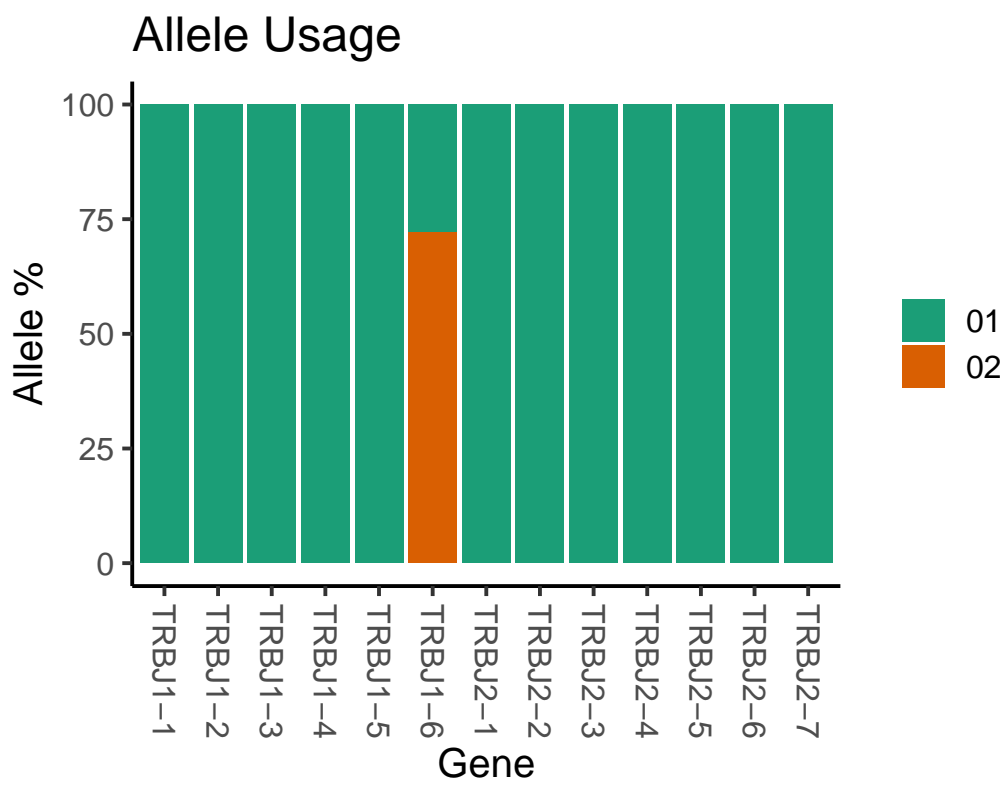
TRBV29-1*bp01

458 sequences assigned
230 (50.2%) exact matches, in which:
137 unique CDR3
12 unique J

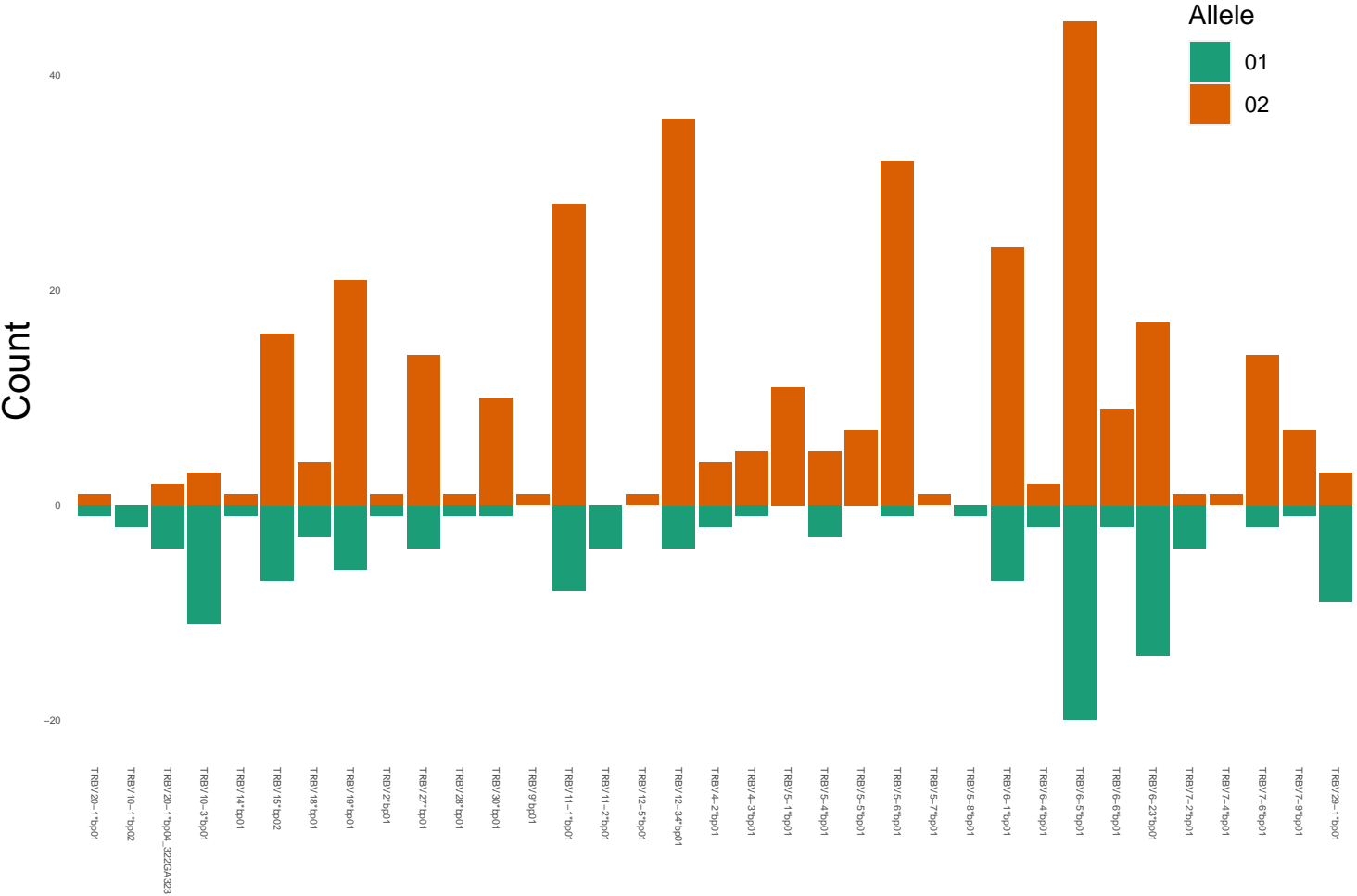


TRBV20-1*bp04_322GA323





Sequence Count by TRBJ1–6 allele usage



[illegible]