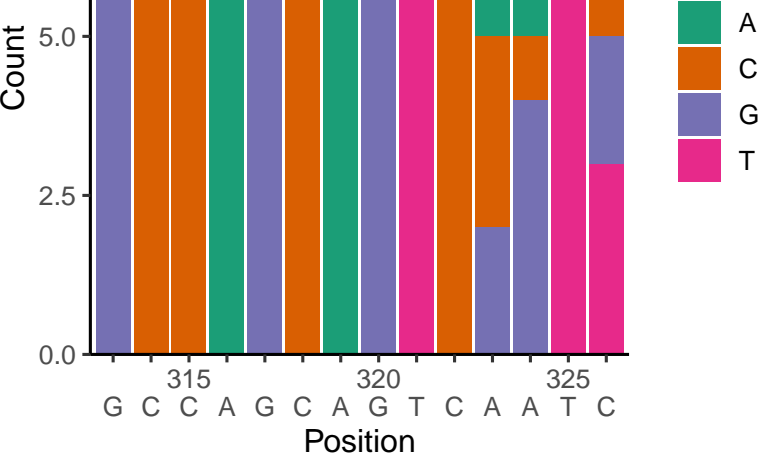


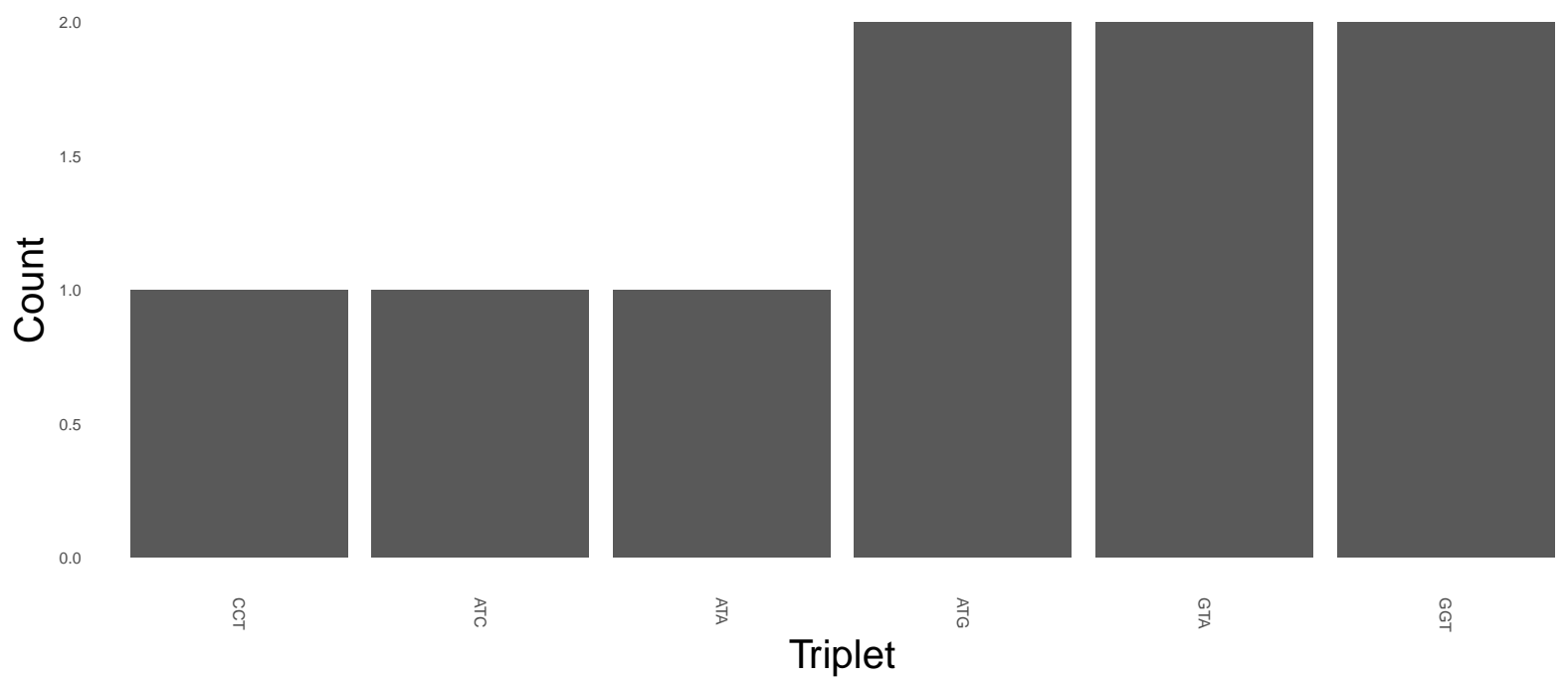
Gene TRBV23-1*bp01_T304C



Gene TRBV23-1*bp01_T304C

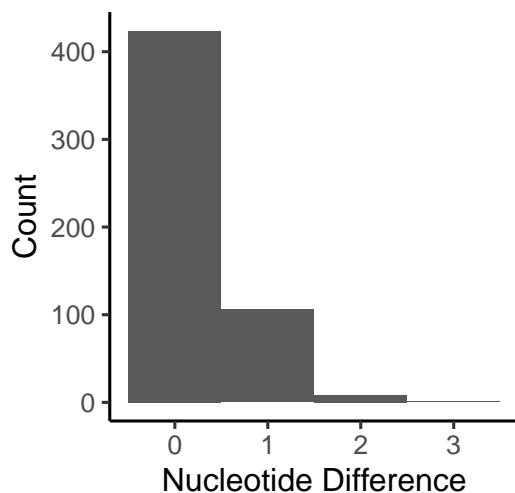


TRBV23–1*bp01_T304C– Final 3 nucleotides as a triplet



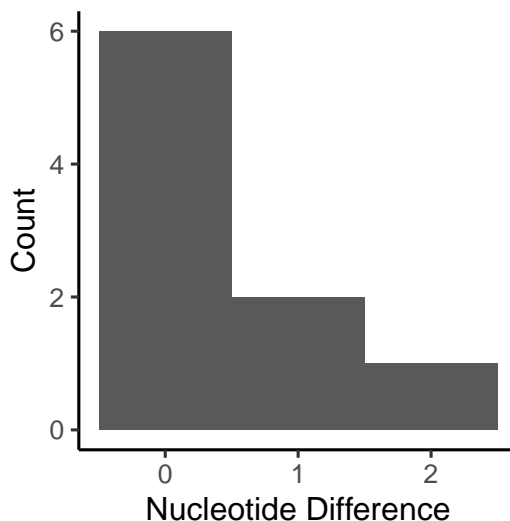
TRBV20–1*bp01

539 sequences assigned
424 (78.7%) exact matches, in which:
252 unique CDR3
15 unique J



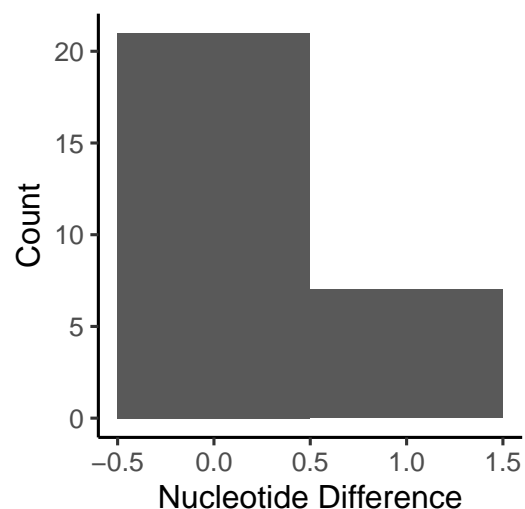
TRBV10–2*bp01

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



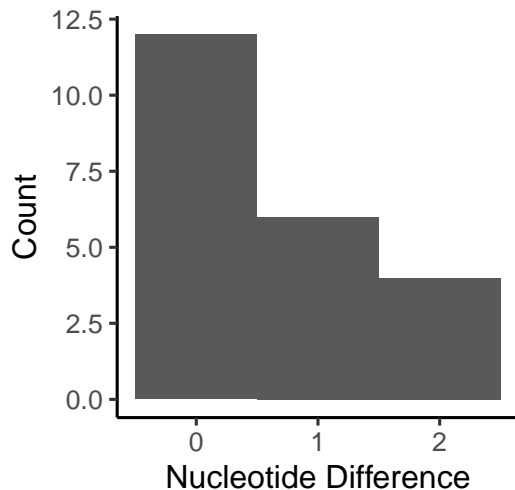
TRBV14*bp01

28 sequences assigned
21 (75%) exact matches, in which:
18 unique CDR3
9 unique J



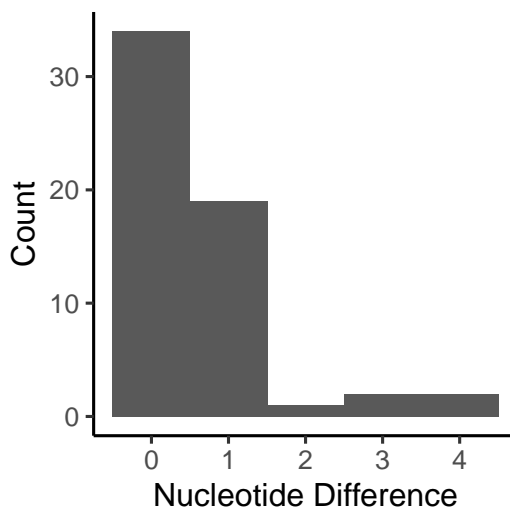
TRBV10–1*bp01

22 sequences assigned
12 (54.5%) exact matches, in which:
11 unique CDR3
6 unique J



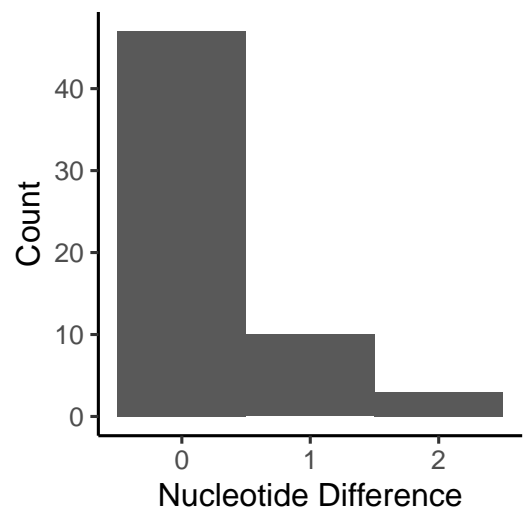
TRBV10–3*bp01

58 sequences assigned
34 (58.6%) exact matches, in which:
31 unique CDR3
10 unique J



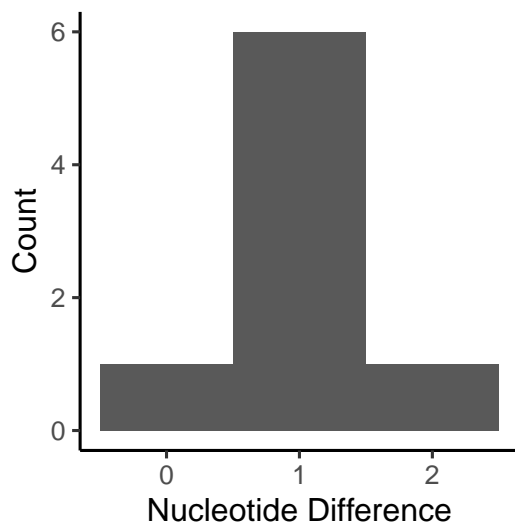
TRBV15*bp02

60 sequences assigned
47 (78.3%) exact matches, in which:
31 unique CDR3
11 unique J



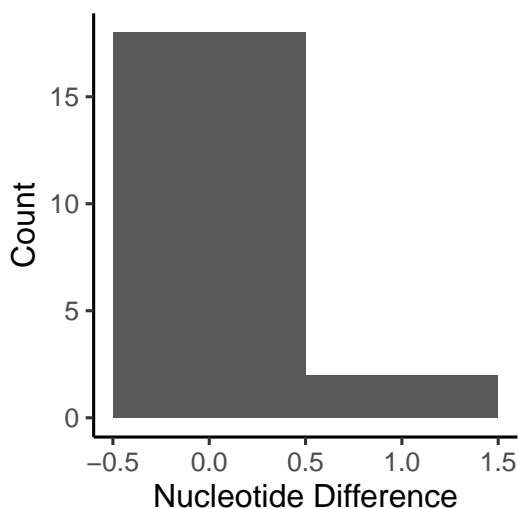
TRBV10–1*bp02

8 sequences assigned
1 (12.5%) exact matches, in which:
1 unique CDR3
1 unique J



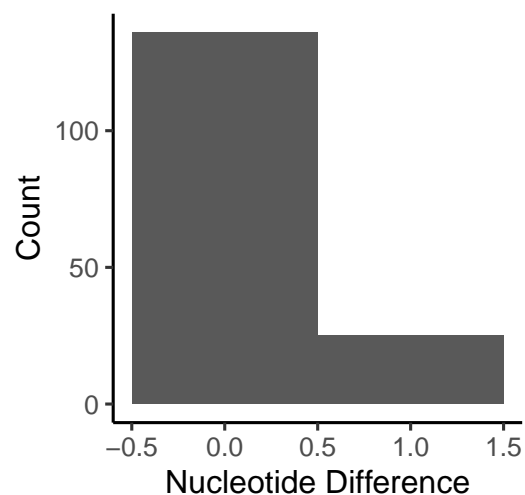
TRBV13*bp01

20 sequences assigned
18 (90%) exact matches, in which:
11 unique CDR3
7 unique J



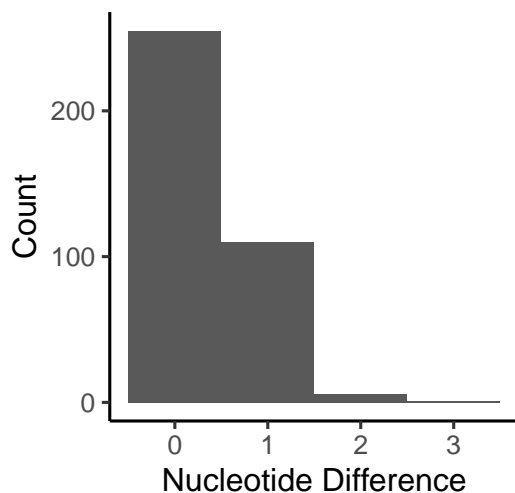
TRBV18*bp01

161 sequences assigned
136 (84.5%) exact matches, in which:
94 unique CDR3
14 unique J



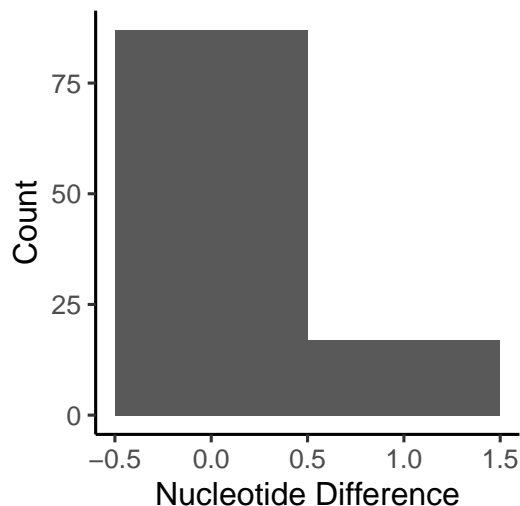
TRBV19*bp01

372 sequences assigned
255 (68.5%) exact matches, in which:
171 unique CDR3
14 unique J



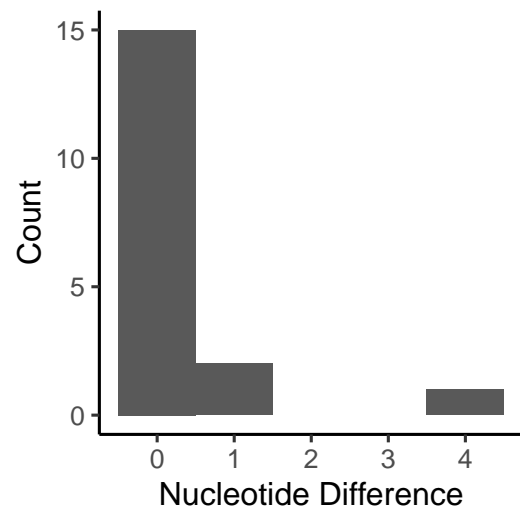
TRBV28*bp01

104 sequences assigned
87 (83.7%) exact matches, in which:
72 unique CDR3
12 unique J



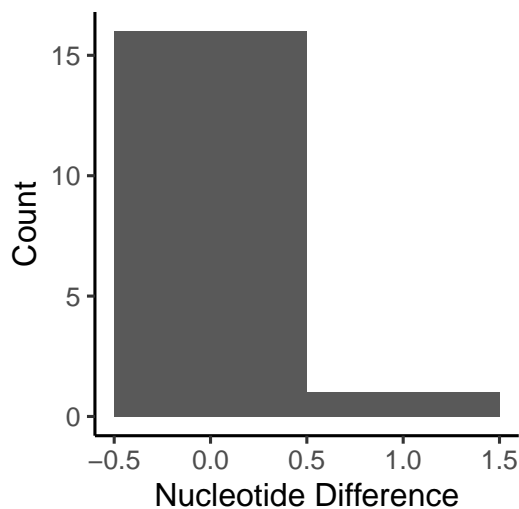
TRBV21-1*bp01

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



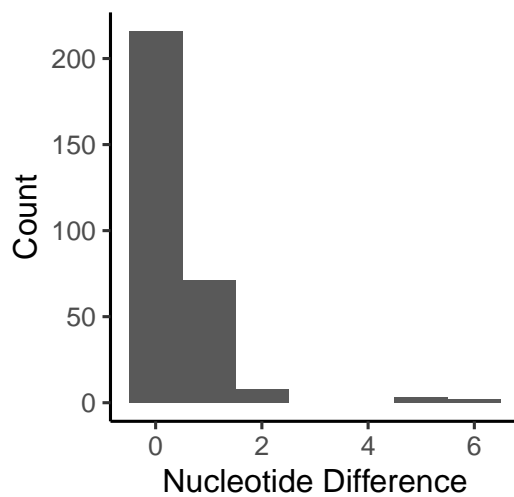
TRBV2*bp01

17 sequences assigned
16 (94.1%) exact matches, in which:
16 unique CDR3
10 unique J



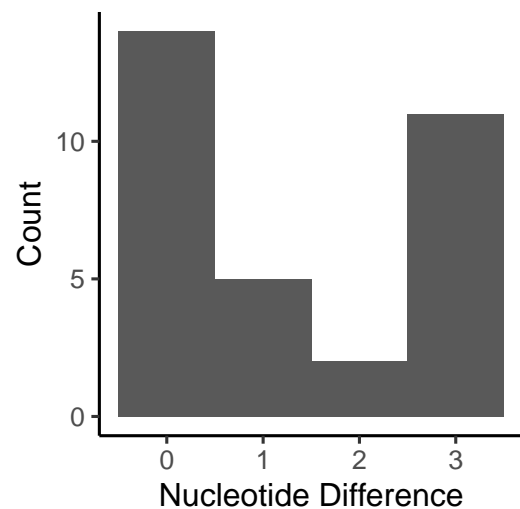
TRBV30*bp01

300 sequences assigned
216 (72%) exact matches, in which:
126 unique CDR3
14 unique J



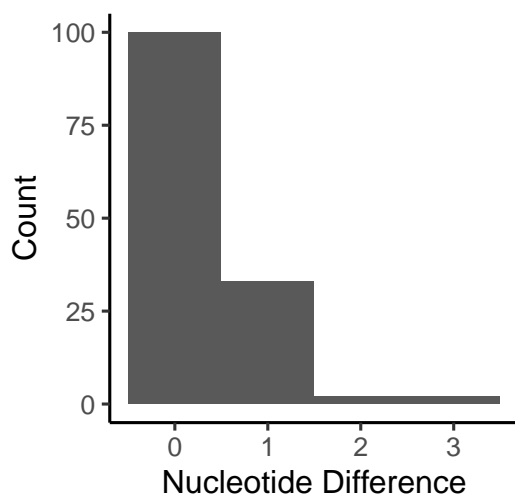
TRBV11-1*bp01

32 sequences assigned
14 (43.8%) exact matches, in which:
11 unique CDR3
6 unique J



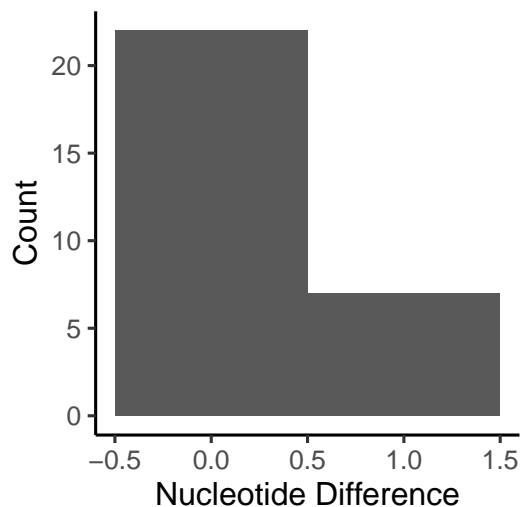
TRBV27*bp01

137 sequences assigned
100 (73%) exact matches, in which:
74 unique CDR3
12 unique J



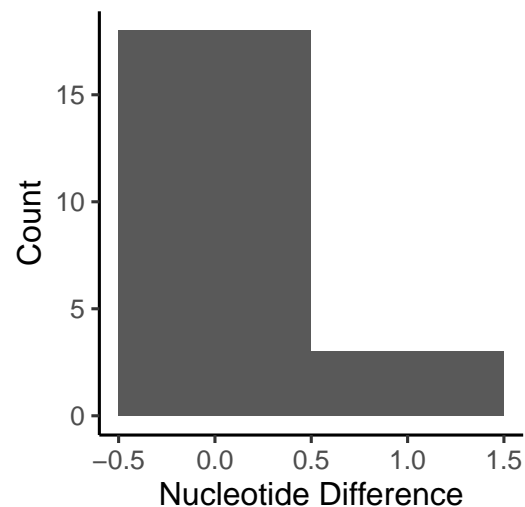
TRBV9*bp01

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



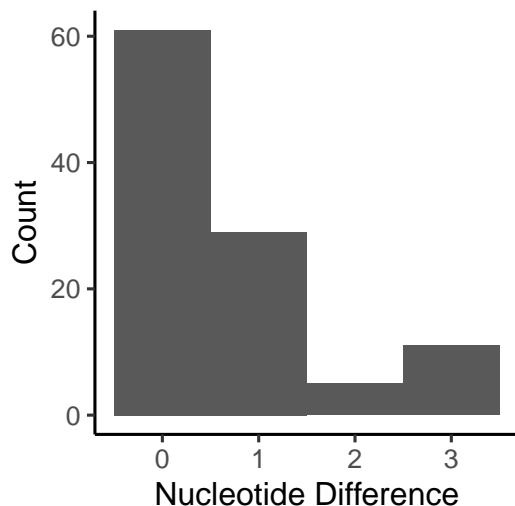
TRBV21-1*bp02

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



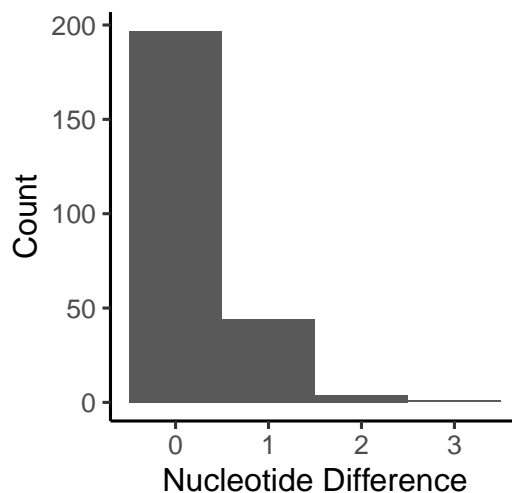
TRBV11–2*bp01

106 sequences assigned
61 (57.5%) exact matches, in which:
50 unique CDR3
12 unique J



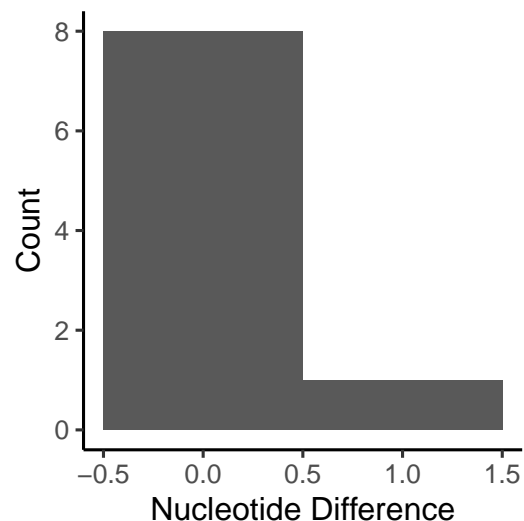
TRBV12–34*bp01

246 sequences assigned
197 (80.1%) exact matches, in which:
125 unique CDR3
14 unique J



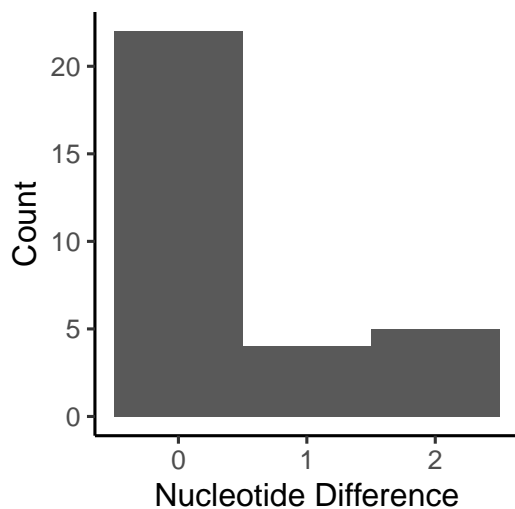
TRBV23–1*bp01_T304C

9 sequences assigned
8 (88.9%) exact matches, in which:
6 unique CDR3
4 unique J



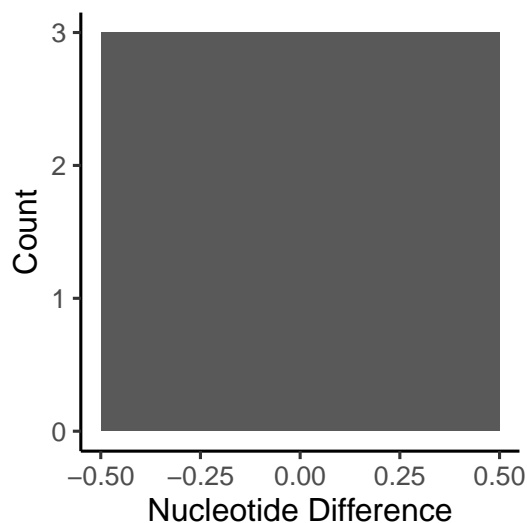
TRBV11–3*bp01

31 sequences assigned
22 (71%) exact matches, in which:
19 unique CDR3
8 unique J



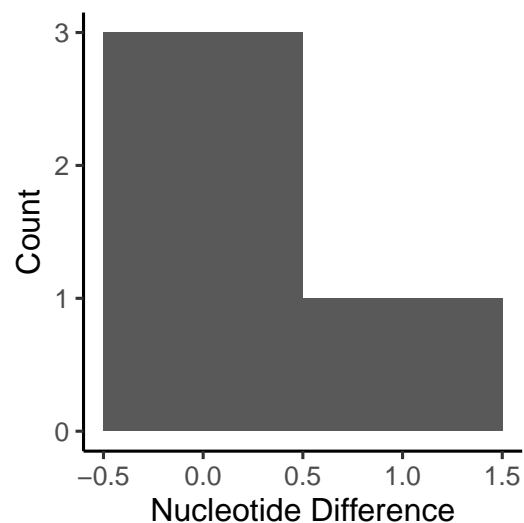
TRBV3–1*bp01

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



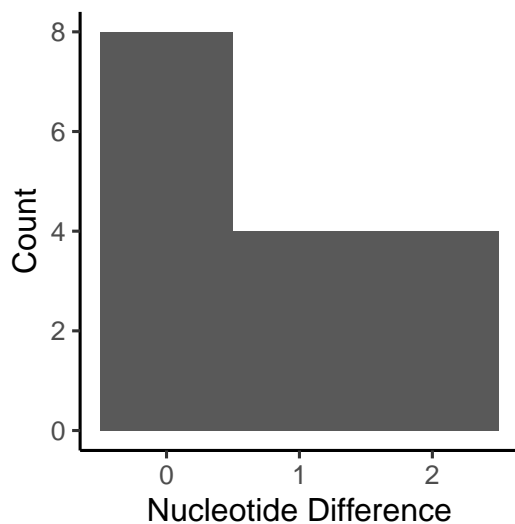
TRBV3–2*bp02

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



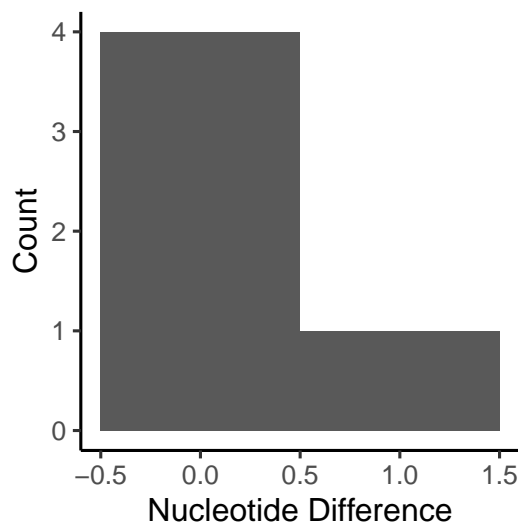
TRBV12–5*bp01

16 sequences assigned
8 (50%) exact matches, in which:
8 unique CDR3
6 unique J



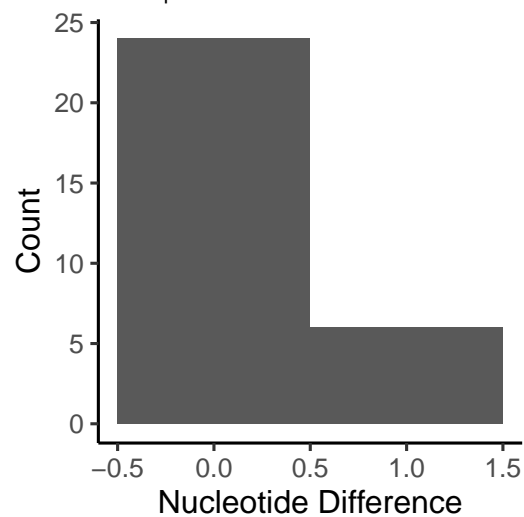
TRBV23–1*bp01

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



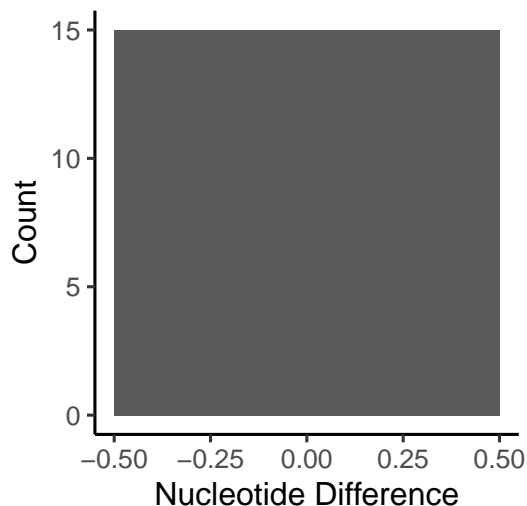
TRBV24–1*bp01

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



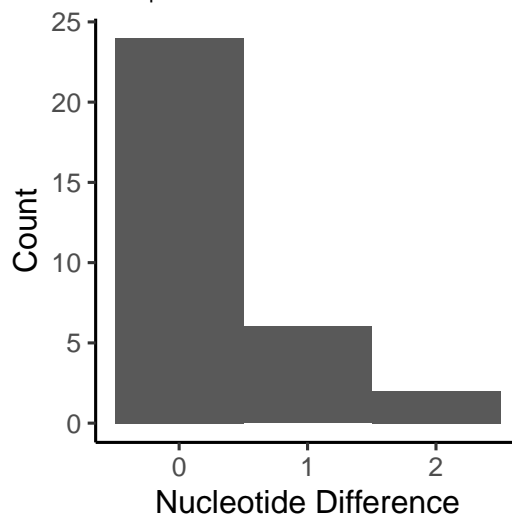
TRBV4-1*bp01

15 sequences assigned
15 (100%) exact matches, in which:
15 unique CDR3
7 unique J



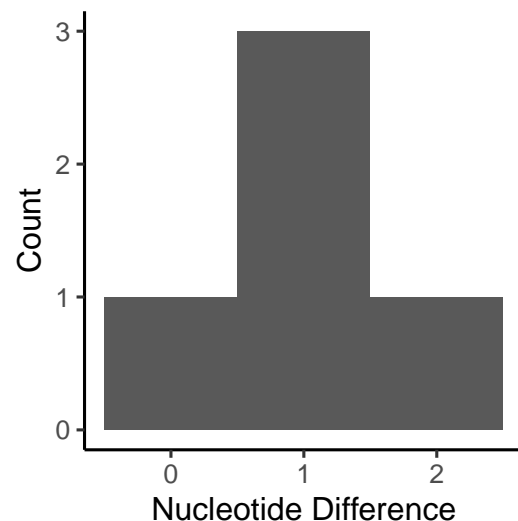
TRBV4-3*bp01

32 sequences assigned
24 (75%) exact matches, in which:
22 unique CDR3
9 unique J



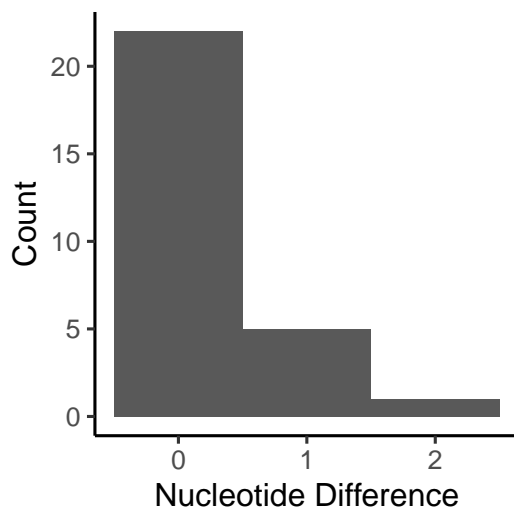
TRBV5-3*bp01

5 sequences assigned
1 (20%) exact matches, in which:
1 unique CDR3
1 unique J



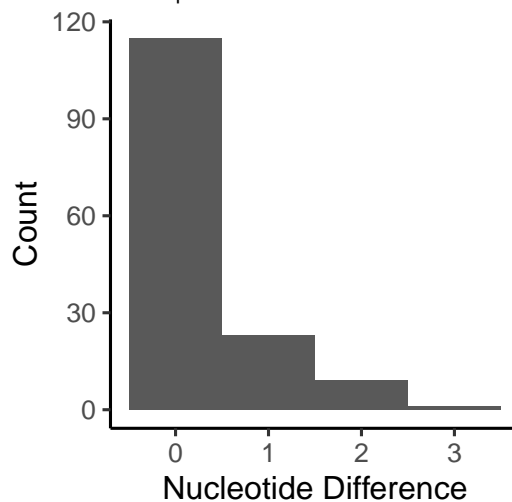
TRBV24-1*bp02

28 sequences assigned
22 (78.6%) exact matches, in which:
16 unique CDR3
10 unique J



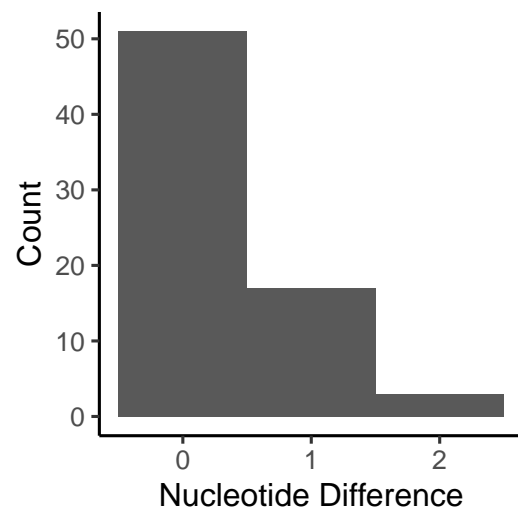
TRBV5-1*bp01

148 sequences assigned
115 (77.7%) exact matches, in which:
93 unique CDR3
12 unique J



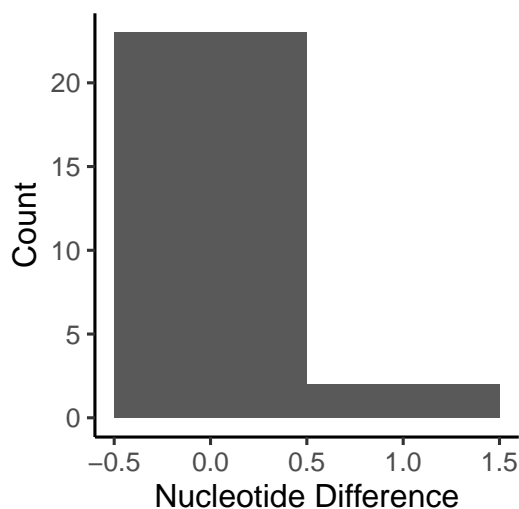
TRBV5-4*bp01

71 sequences assigned
51 (71.8%) exact matches, in which:
41 unique CDR3
9 unique J



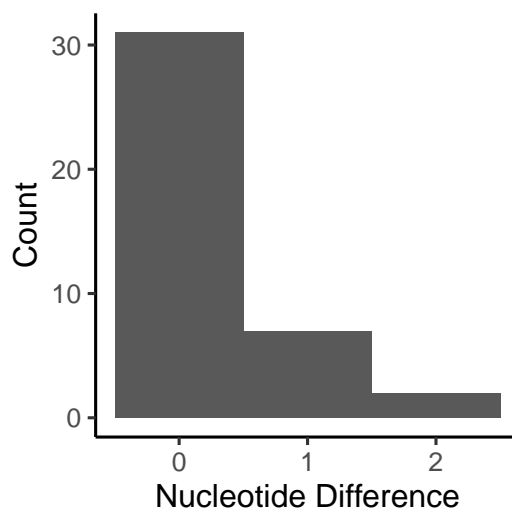
TRBV4-2*bp01

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



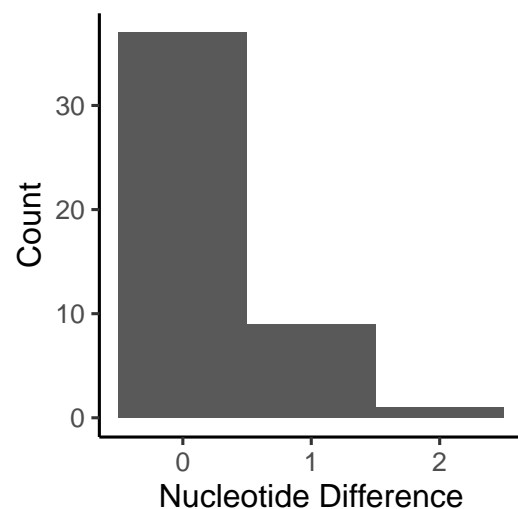
TRBV25-1*bp01

40 sequences assigned
31 (77.5%) exact matches, in which:
21 unique CDR3
8 unique J



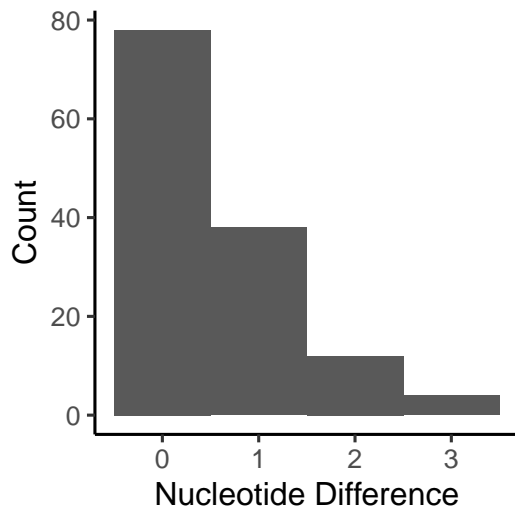
TRBV5-5*bp01

47 sequences assigned
37 (78.7%) exact matches, in which:
30 unique CDR3
9 unique J



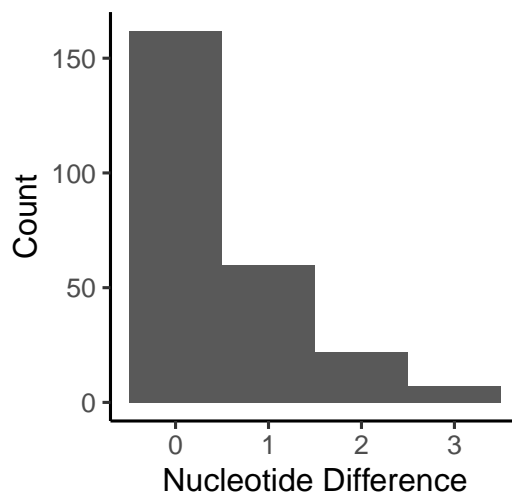
TRBV5-6*bp01

132 sequences assigned
78 (59.1%) exact matches, in which:
62 unique CDR3
12 unique J



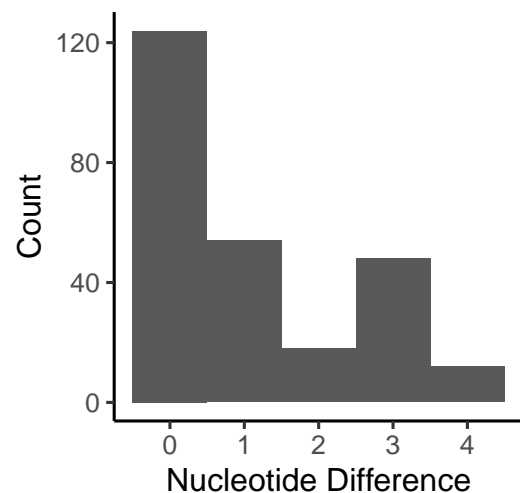
TRBV6-1*bp01

251 sequences assigned
162 (64.5%) exact matches, in which:
134 unique CDR3
14 unique J



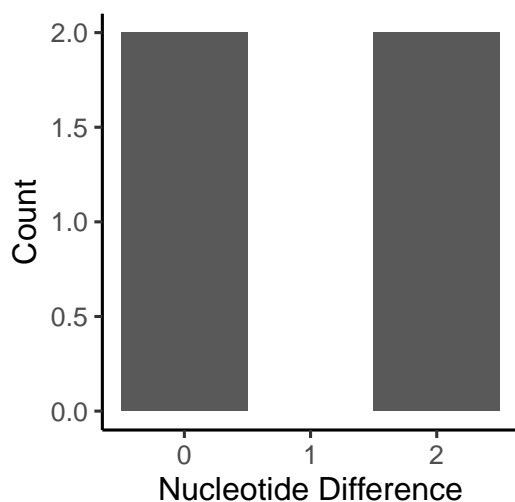
TRBV6-6*bp01

256 sequences assigned
124 (48.4%) exact matches, in which:
105 unique CDR3
13 unique J



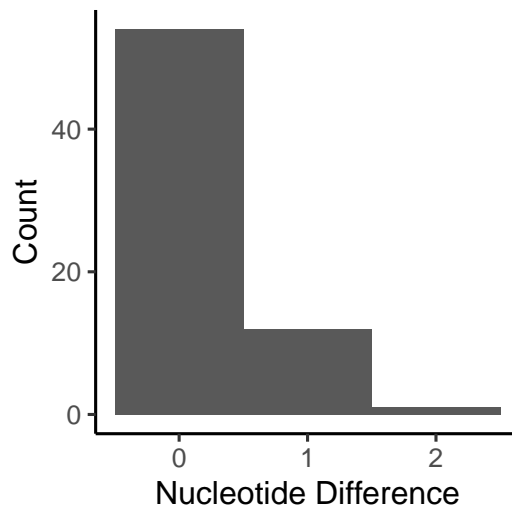
TRBV5-7*bp01

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



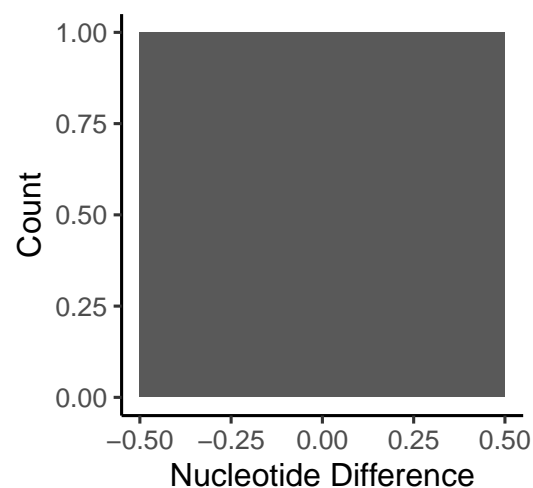
TRBV6-4*bp01

67 sequences assigned
54 (80.6%) exact matches, in which:
43 unique CDR3
11 unique J



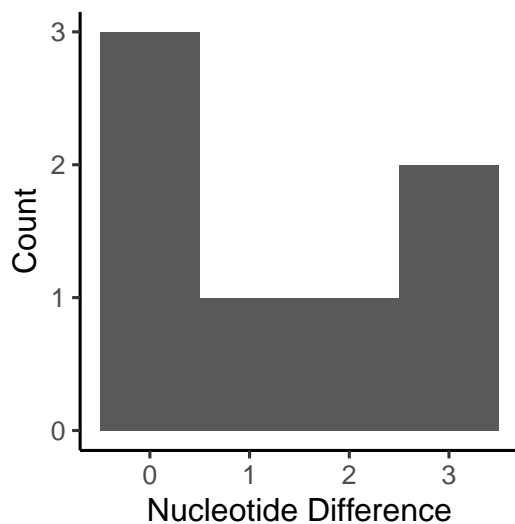
TRBV6-7*bp01

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



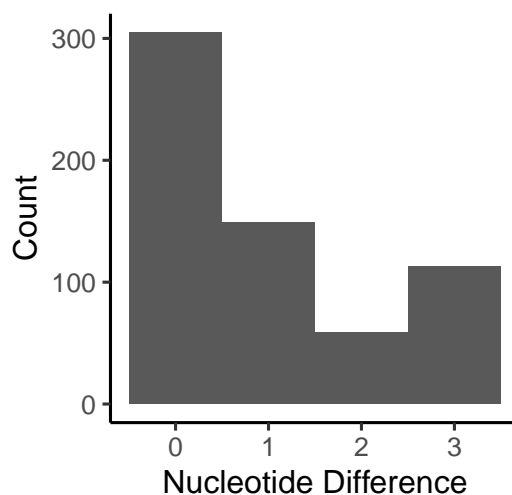
TRBV5-8*bp01

7 sequences assigned
3 (42.9%) exact matches, in which:
2 unique CDR3
2 unique J



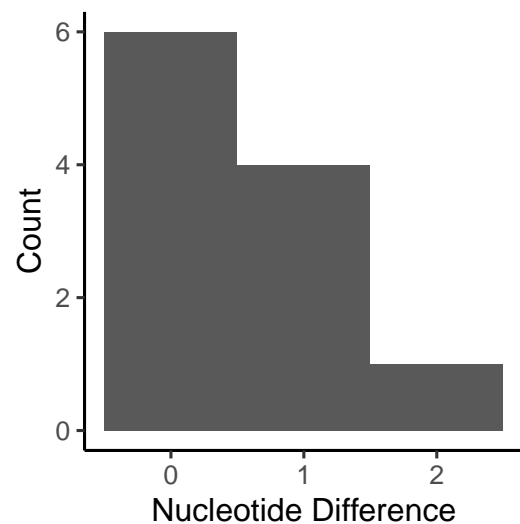
TRBV6-5*bp01

626 sequences assigned
305 (48.7%) exact matches, in which:
226 unique CDR3
14 unique J



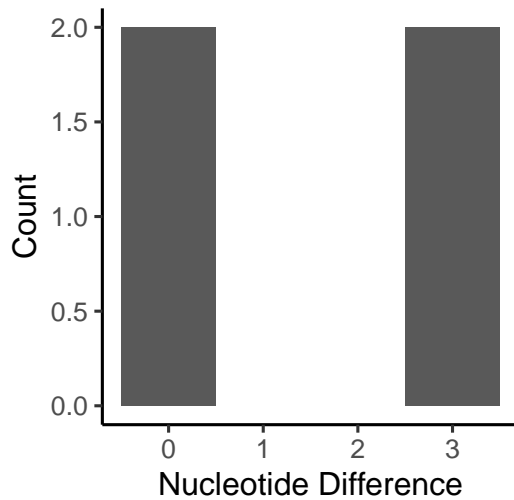
TRBV6-8*bp01

11 sequences assigned
6 (54.5%) exact matches, in which:
4 unique CDR3
4 unique J



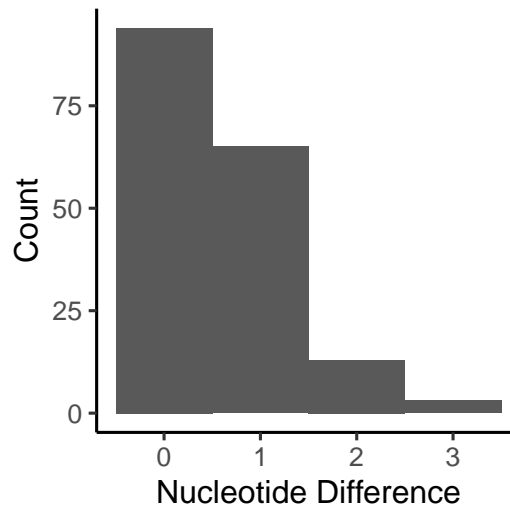
TRBV6-9*bp01

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



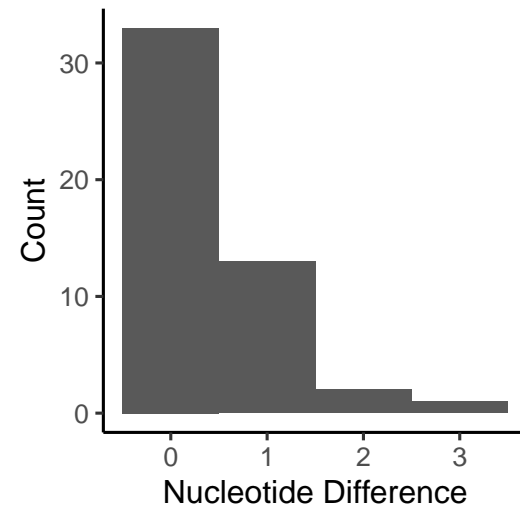
TRBV7-2*bp02

175 sequences assigned
94 (53.7%) exact matches, in which:
57 unique CDR3
8 unique J



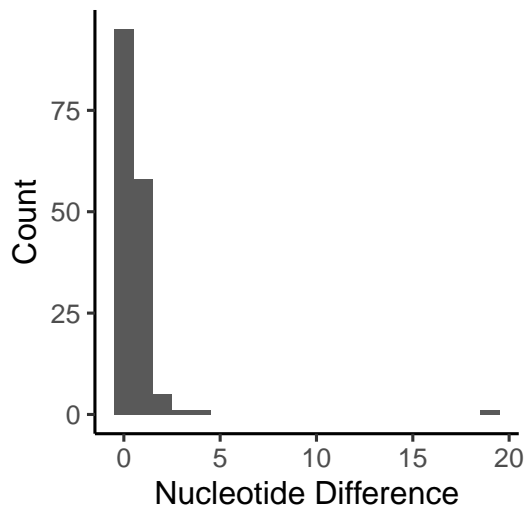
TRBV7-6*bp01

49 sequences assigned
33 (67.3%) exact matches, in which:
25 unique CDR3
9 unique J



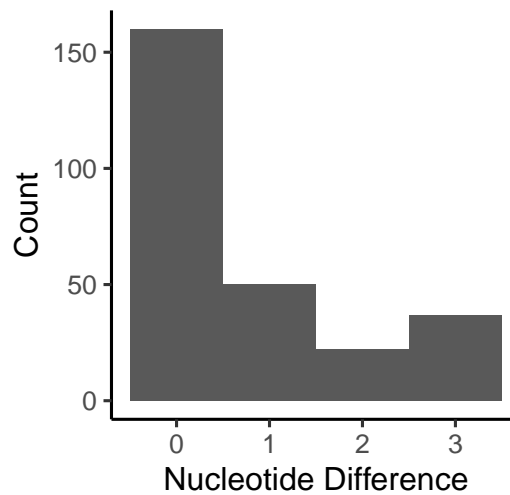
TRBV6-23*bp01

161 sequences assigned
95 (59%) exact matches, in which:
79 unique CDR3
12 unique J



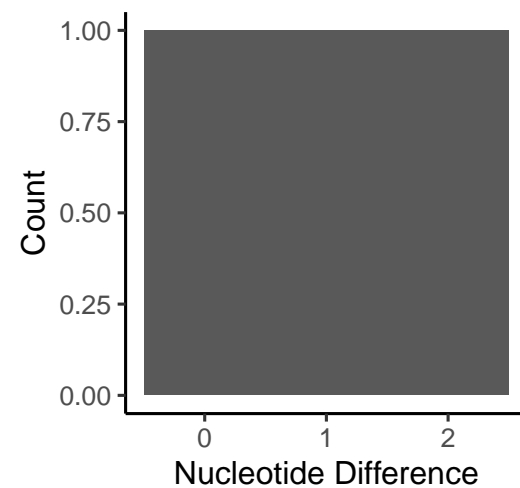
TRBV7-3*bp01

269 sequences assigned
160 (59.5%) exact matches, in which:
112 unique CDR3
12 unique J



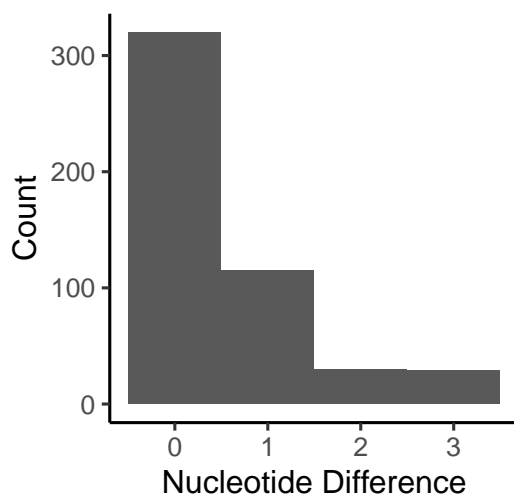
TRBV7-7*bp01

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



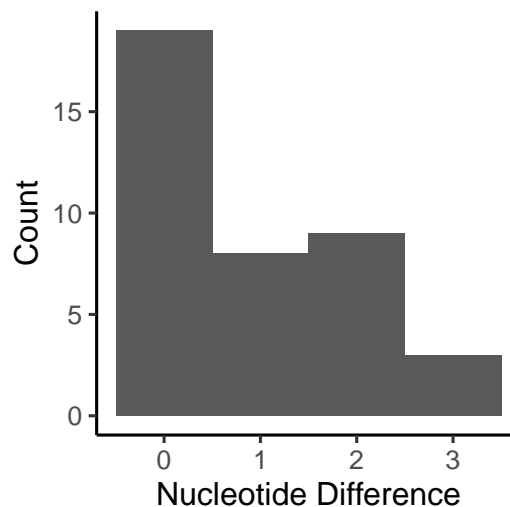
TRBV7-2*bp01

494 sequences assigned
320 (64.8%) exact matches, in which:
178 unique CDR3
13 unique J



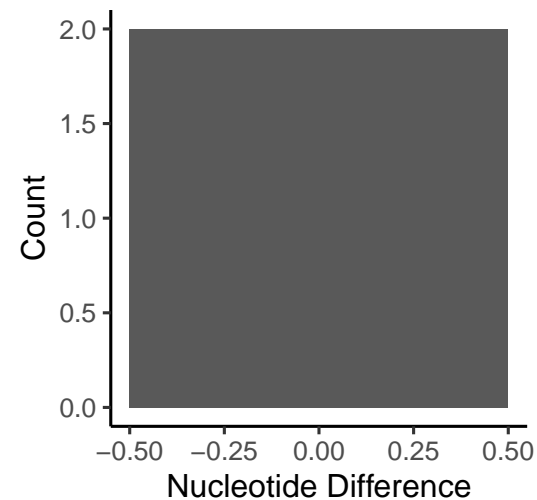
TRBV7-4*bp01

39 sequences assigned
19 (48.7%) exact matches, in which:
12 unique CDR3
7 unique J



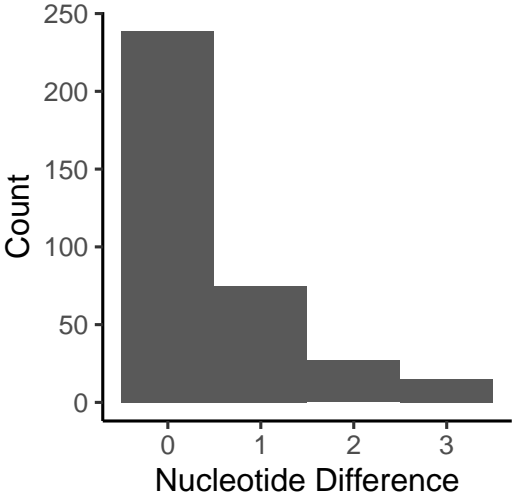
TRBV7-8*bp01

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



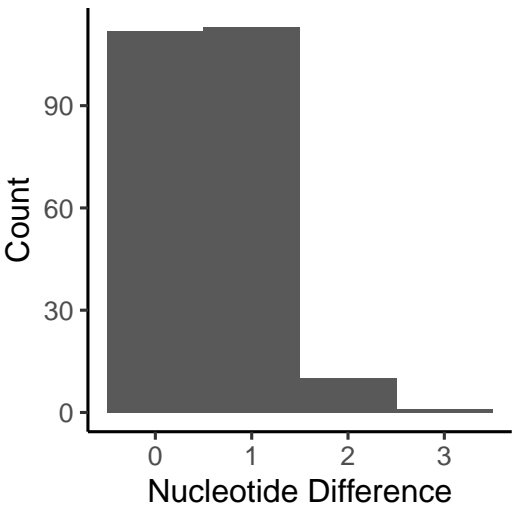
TRBV7–9*bp01

356 sequences assigned
239 (67.1%) exact matches, in which:
144 unique CDR3
14 unique J



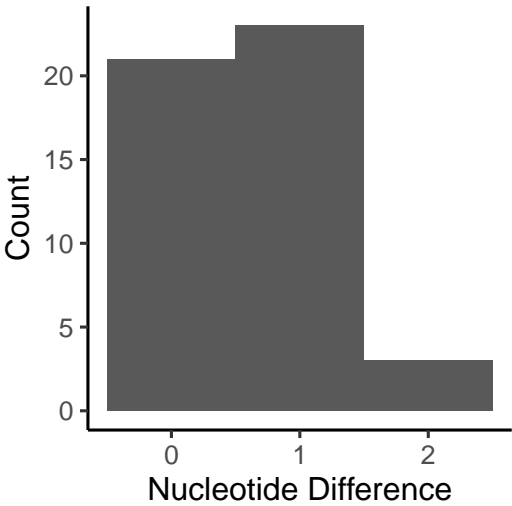
TRBV29–1*bp01

236 sequences assigned
112 (47.5%) exact matches, in which:
83 unique CDR3
10 unique J

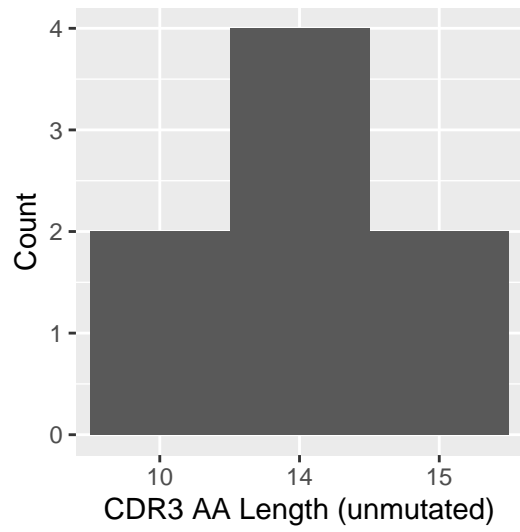


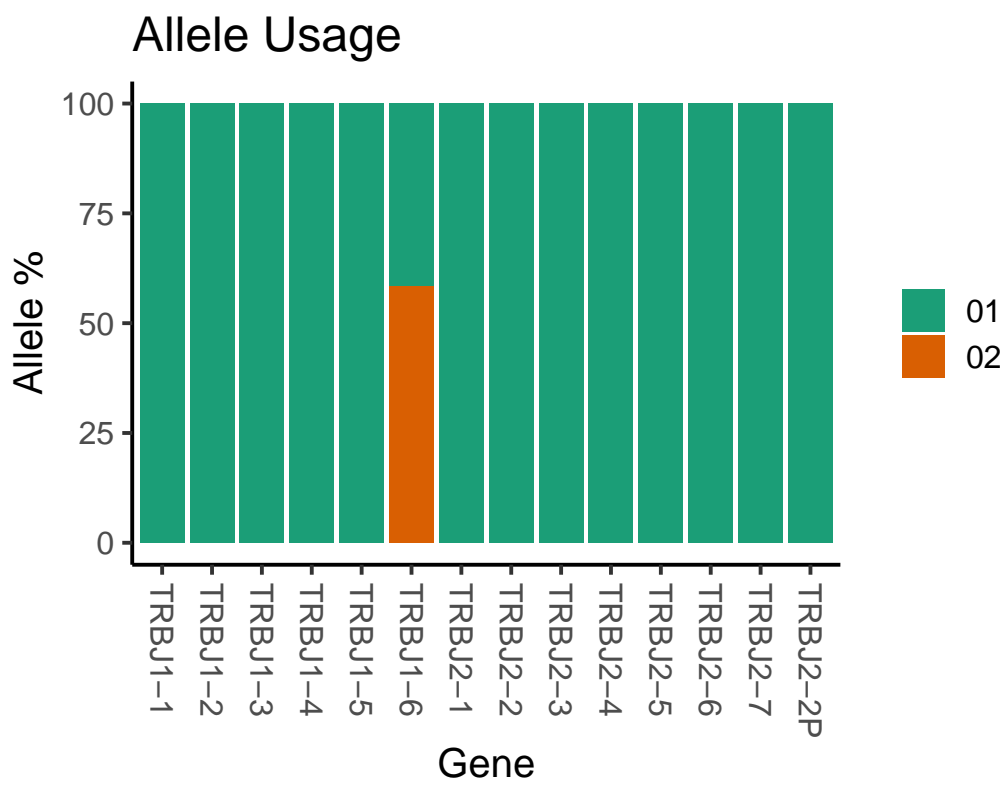
TRBV29–1*bp03

47 sequences assigned
21 (44.7%) exact matches, in which:
14 unique CDR3
5 unique J

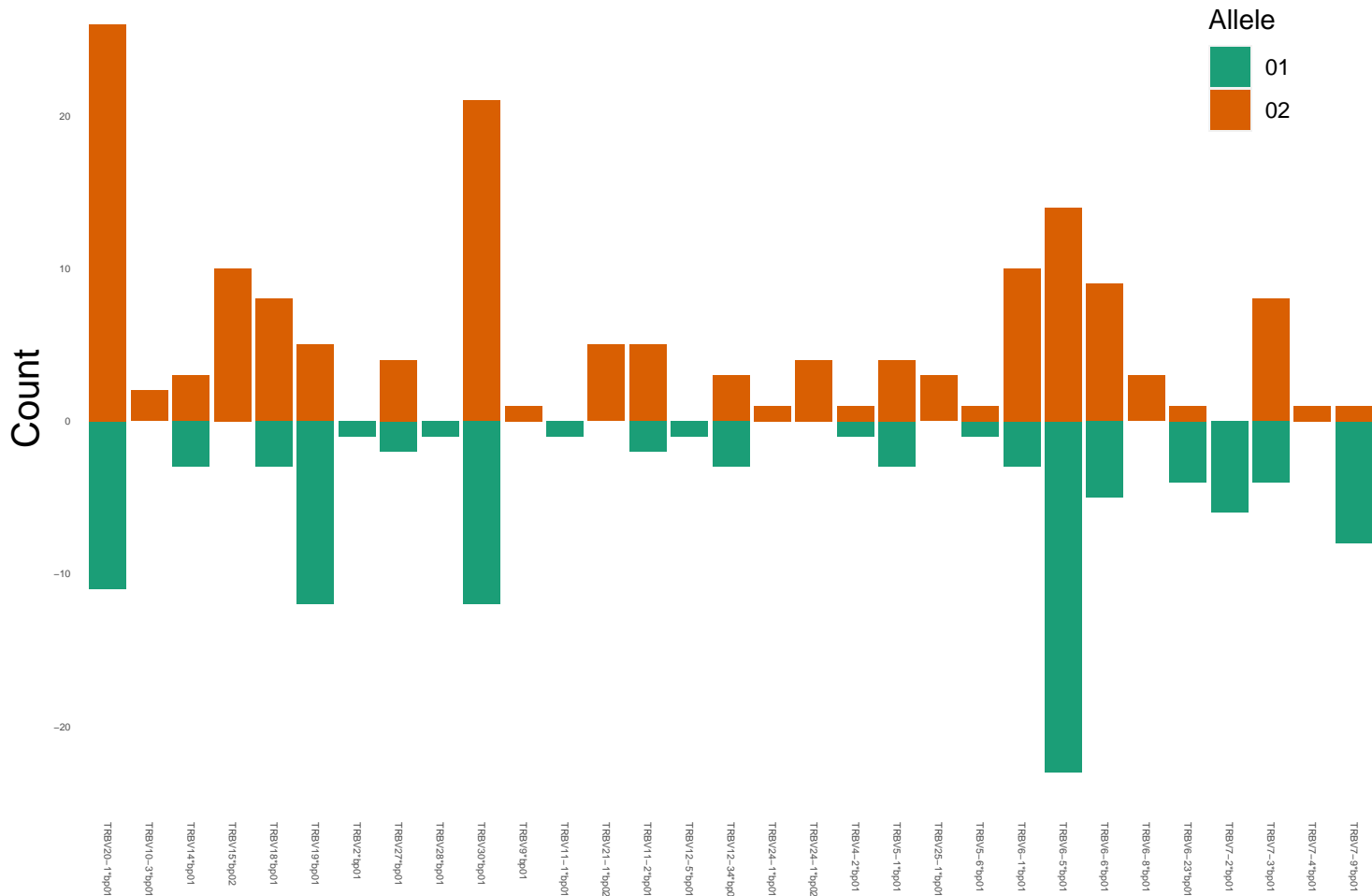


TRBV23-1*bp01_T304C





Sequence Count by TRBJ1–6 allele usage



[illegible]