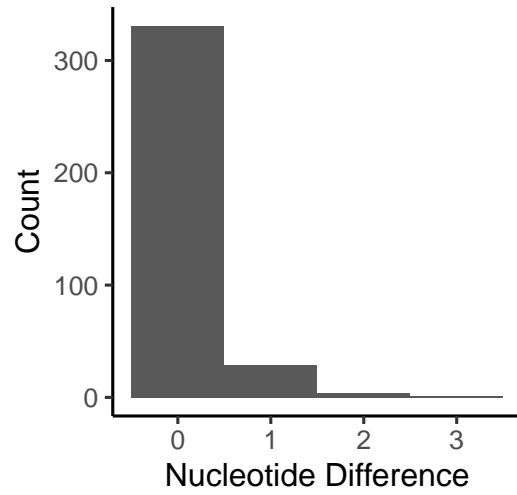


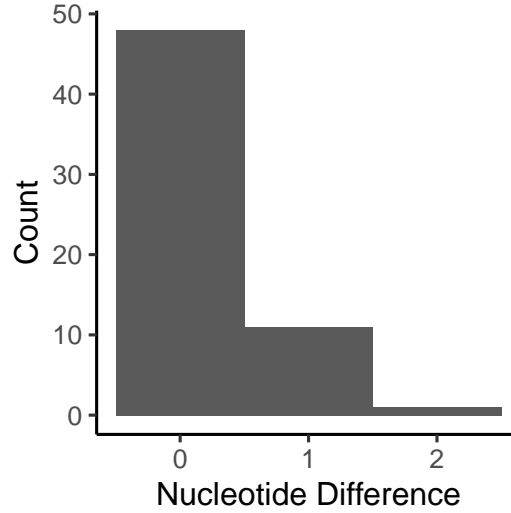
TRBV20–1*bp01

365 sequences assigned
331 (90.7%) exact matches, in which:
264 unique CDR3
14 unique J



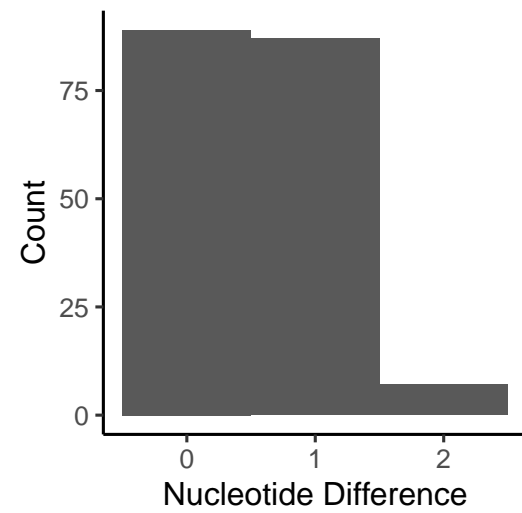
TRBV10–3*bp01

60 sequences assigned
48 (80%) exact matches, in which:
42 unique CDR3
12 unique J



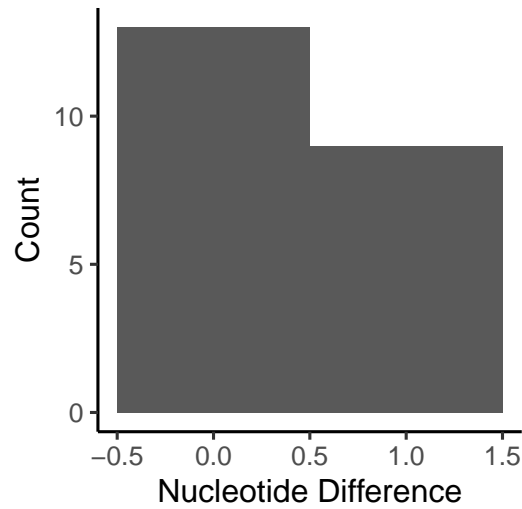
TRBV15*bp02

183 sequences assigned
89 (48.6%) exact matches, in which:
62 unique CDR3
10 unique J



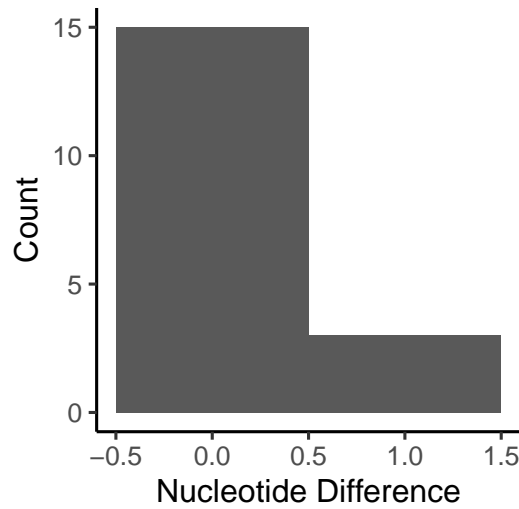
TRBV10–1*bp02

22 sequences assigned
13 (59.1%) exact matches, in which:
13 unique CDR3
7 unique J



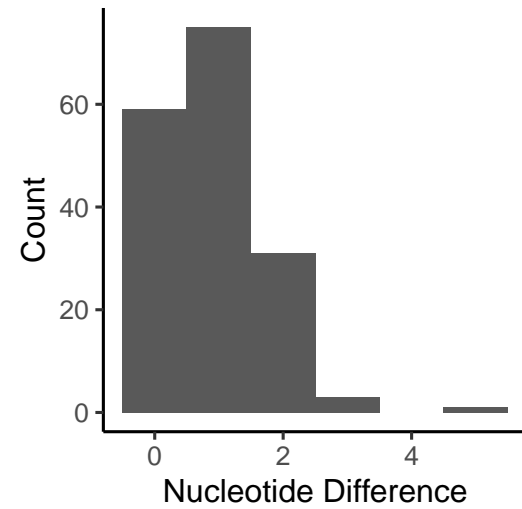
TRBV13*bp01

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



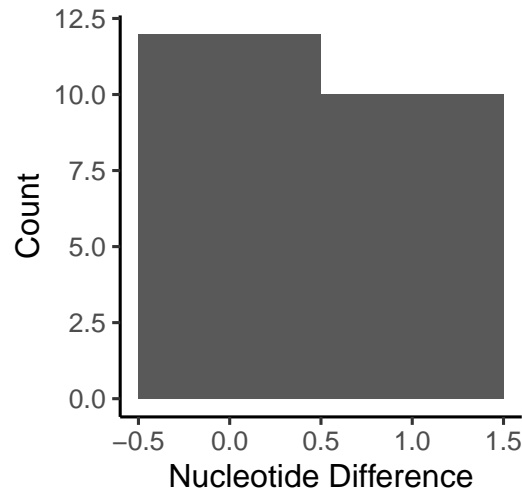
TRBV18*bp01

169 sequences assigned
59 (34.9%) exact matches, in which:
45 unique CDR3
13 unique J



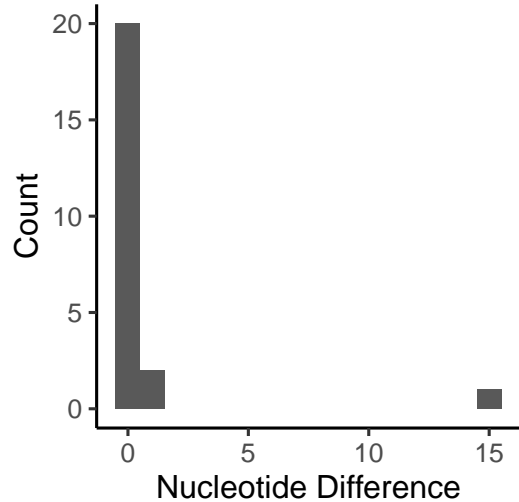
TRBV10–2*bp02

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



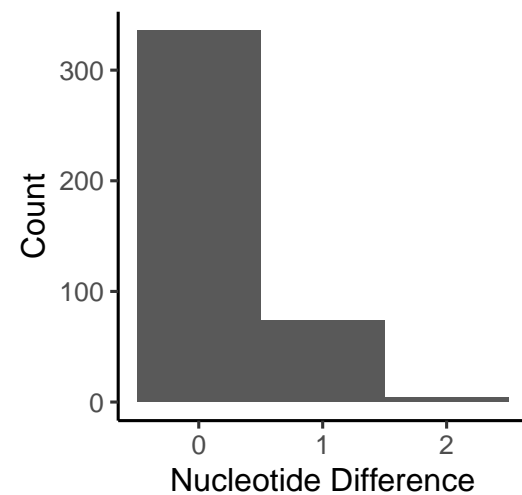
TRBV14*bp01

23 sequences assigned
20 (87%) exact matches, in which:
19 unique CDR3
10 unique J



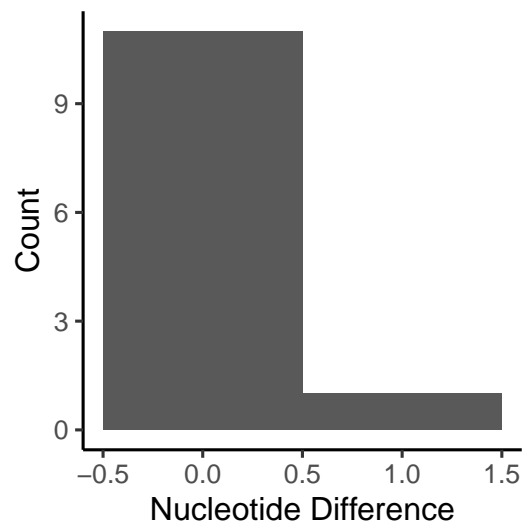
TRBV19*bp01

414 sequences assigned
336 (81.2%) exact matches, in which:
270 unique CDR3
14 unique J



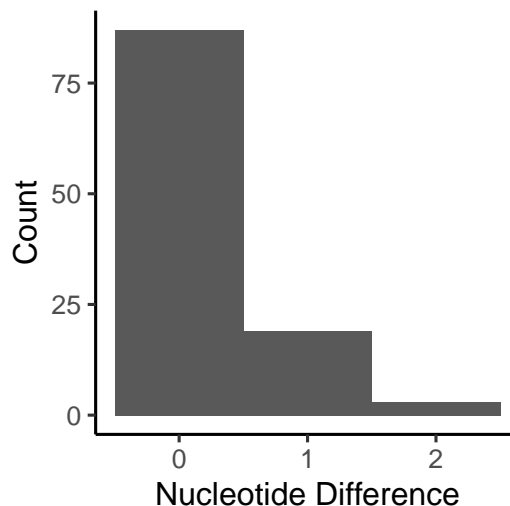
TRBV2*bp01

12 sequences assigned
11 (91.7%) exact matches, in which:
11 unique CDR3
7 unique J



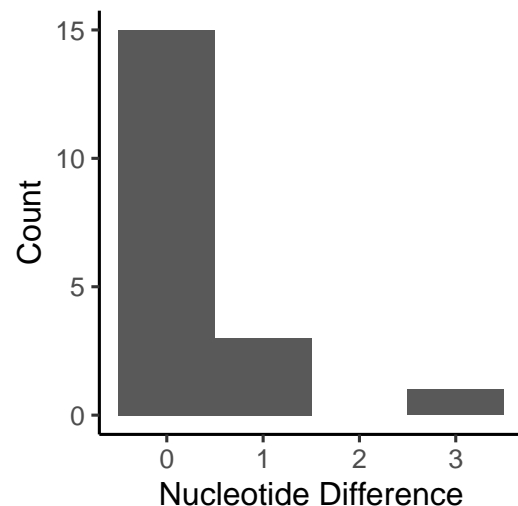
TRBV30*bp01

109 sequences assigned
87 (79.8%) exact matches, in which:
73 unique CDR3
12 unique J



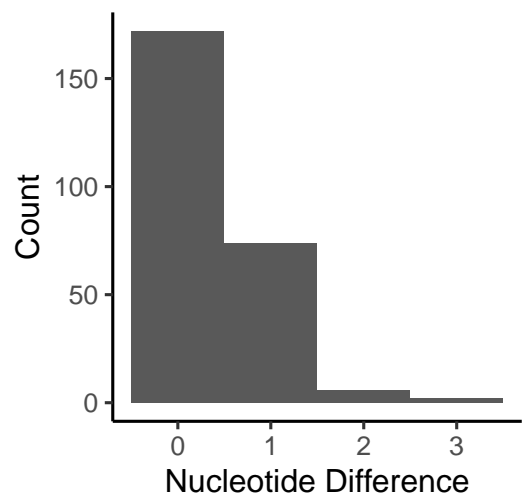
TRBV11-1*bp01

19 sequences assigned
15 (78.9%) exact matches, in which:
13 unique CDR3
6 unique J



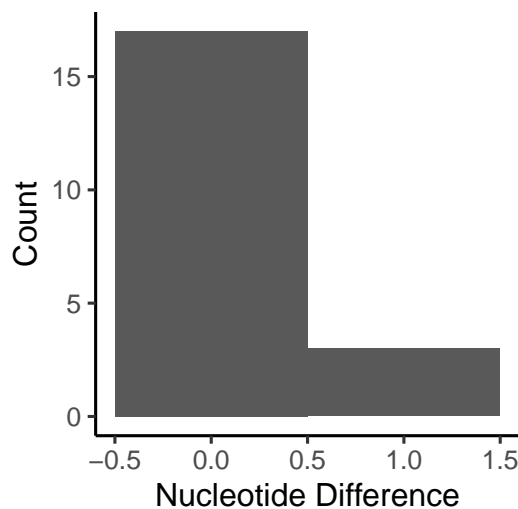
TRBV27*bp01

255 sequences assigned
172 (67.5%) exact matches, in which:
143 unique CDR3
11 unique J



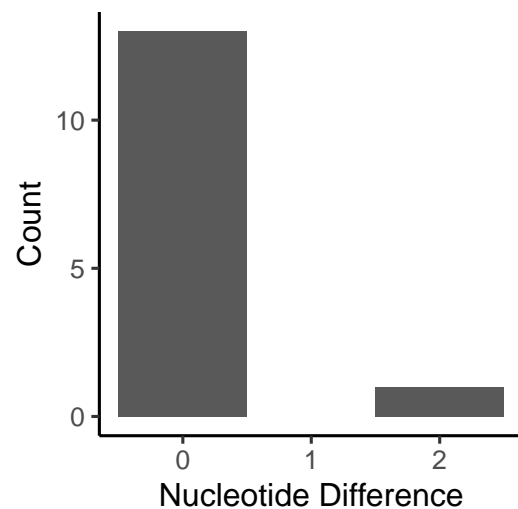
TRBV9*bp01

20 sequences assigned
17 (85%) exact matches, in which:
17 unique CDR3
8 unique J



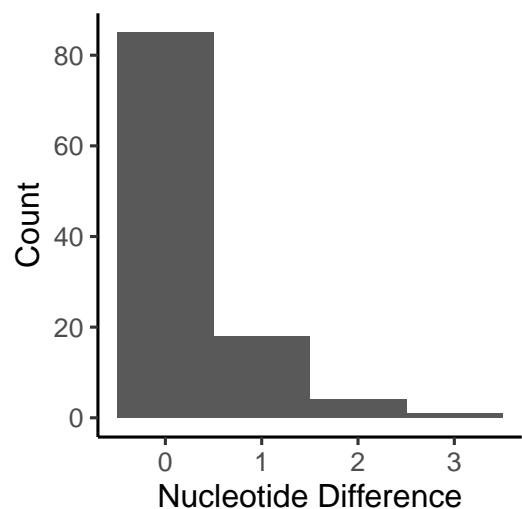
TRBV21-1*bp01

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



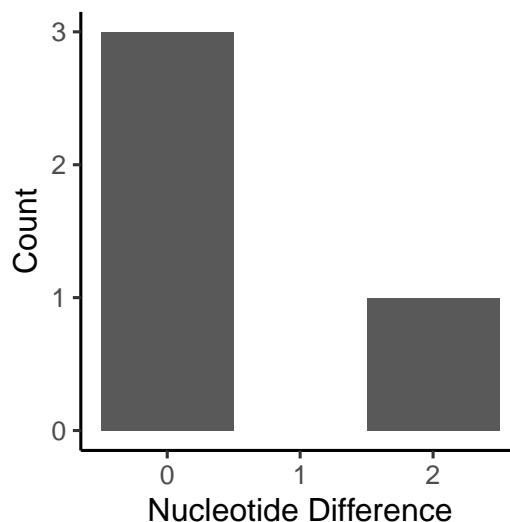
TRBV28*bp01

108 sequences assigned
85 (78.7%) exact matches, in which:
80 unique CDR3
13 unique J



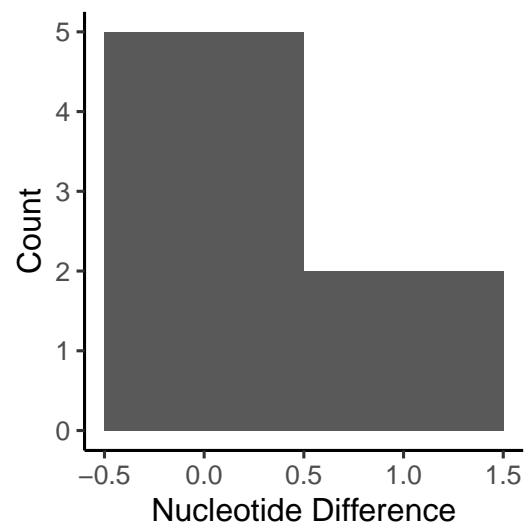
TRBV9*bp02

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



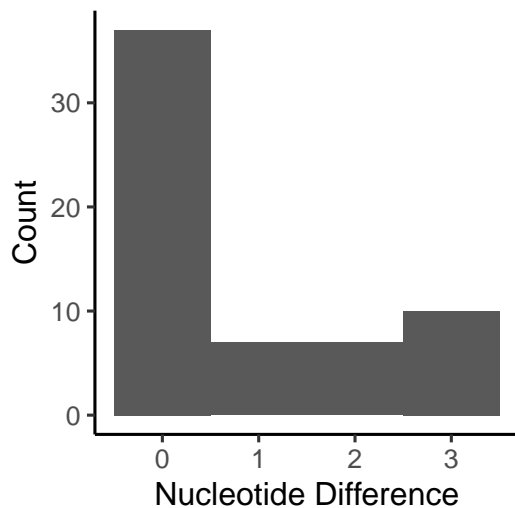
TRBV21-1*bp02

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



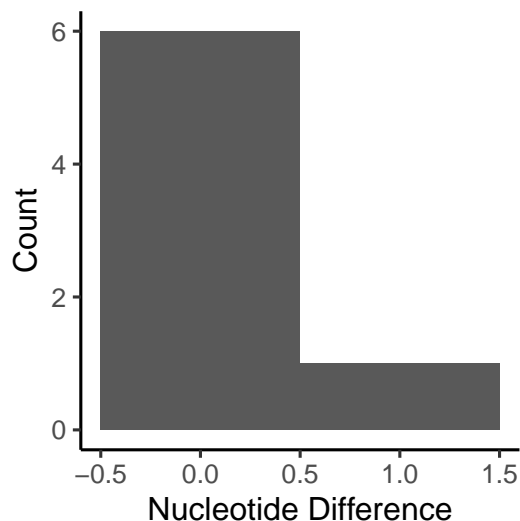
TRBV11–2*bp01

61 sequences assigned
37 (60.7%) exact matches, in which:
32 unique CDR3
12 unique J



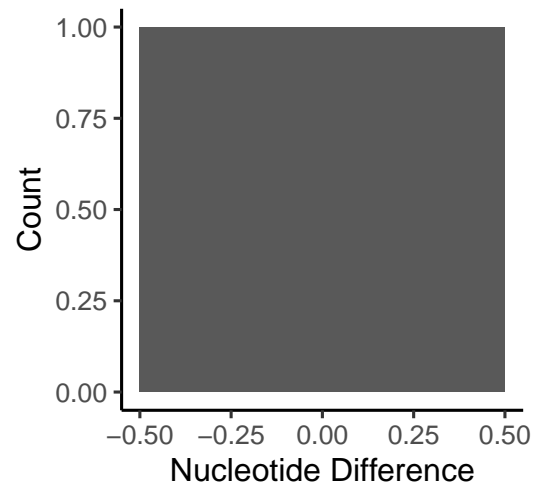
TRBV12–5*bp01

7 sequences assigned
6 (85.7%) exact matches, in which:
6 unique CDR3
4 unique J



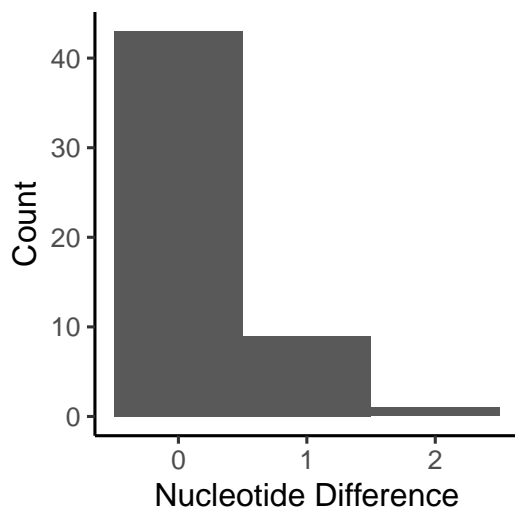
TRBV3–1*bp01

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



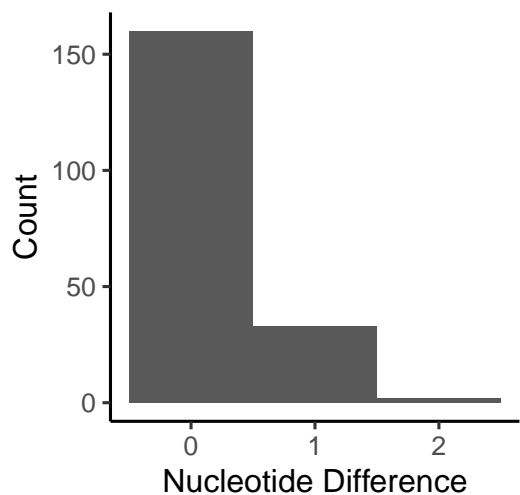
TRBV11–2*bp03

53 sequences assigned
43 (81.1%) exact matches, in which:
38 unique CDR3
9 unique J



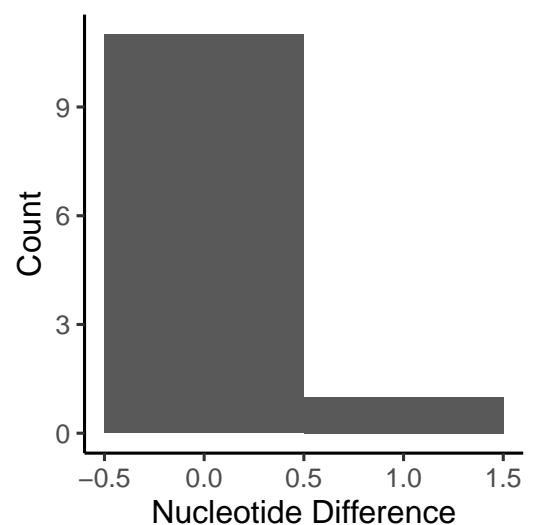
TRBV12–34*bp01

195 sequences assigned
160 (82.1%) exact matches, in which:
128 unique CDR3
14 unique J



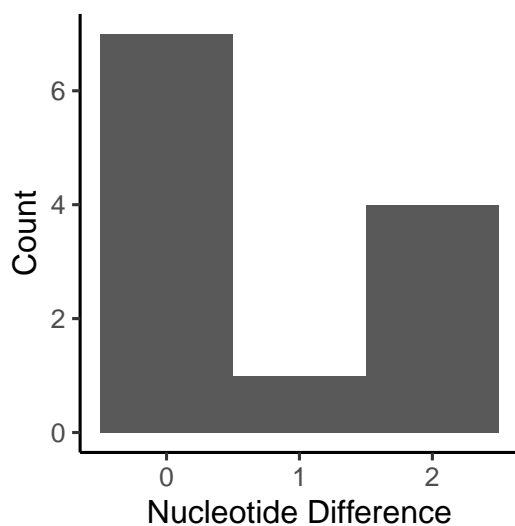
TRBV4–1*bp01

12 sequences assigned
11 (91.7%) exact matches, in which:
11 unique CDR3
7 unique J



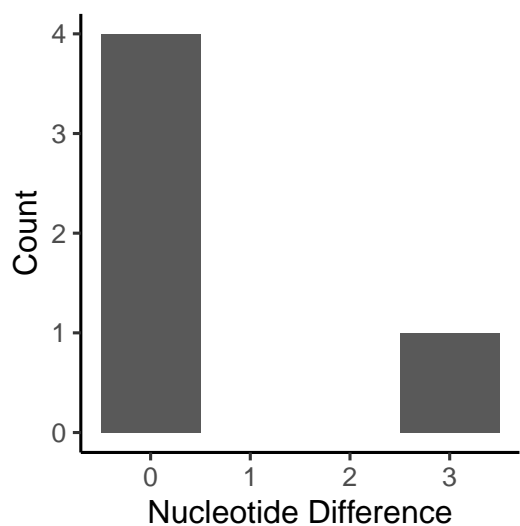
TRBV11–3*bp01

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



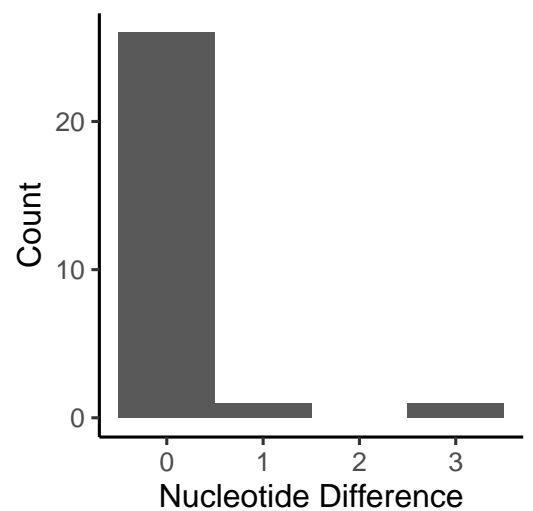
TRBV23–1*bp01

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



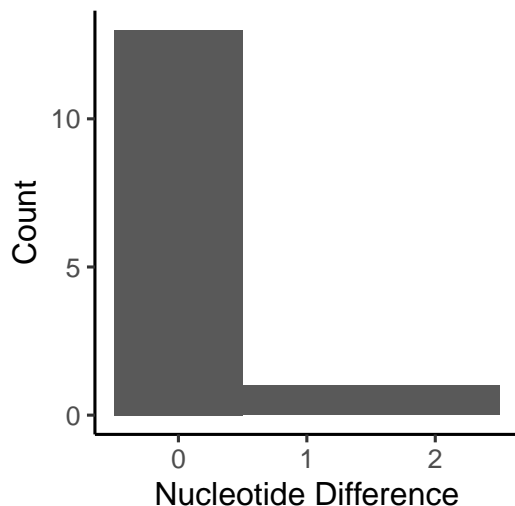
TRBV24–1*bp01

28 sequences assigned
26 (92.9%) exact matches, in which:
25 unique CDR3
8 unique J



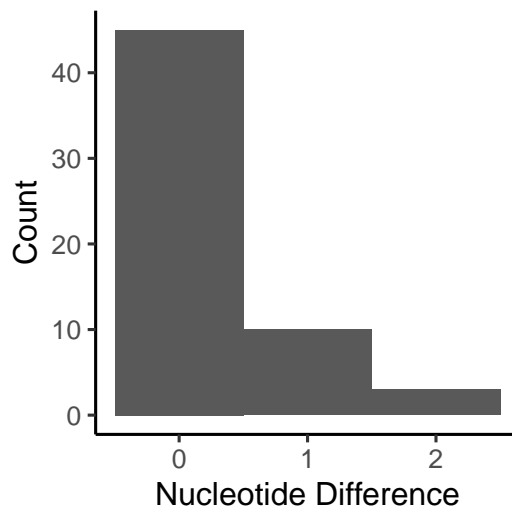
TRBV24-1*bp02

15 sequences assigned
13 (86.7%) exact matches, in which:
13 unique CDR3
6 unique J



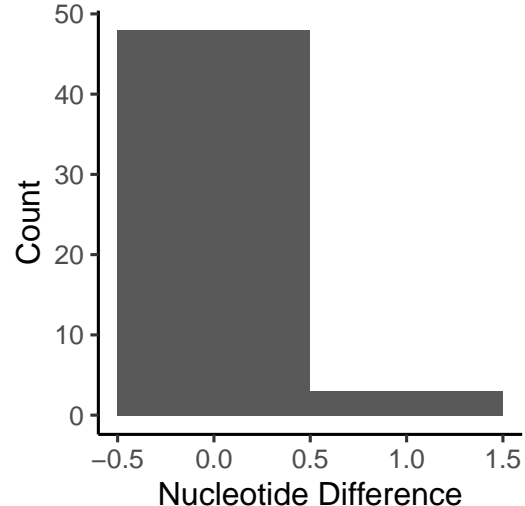
TRBV5-1*bp01

58 sequences assigned
45 (77.6%) exact matches, in which:
42 unique CDR3
12 unique J



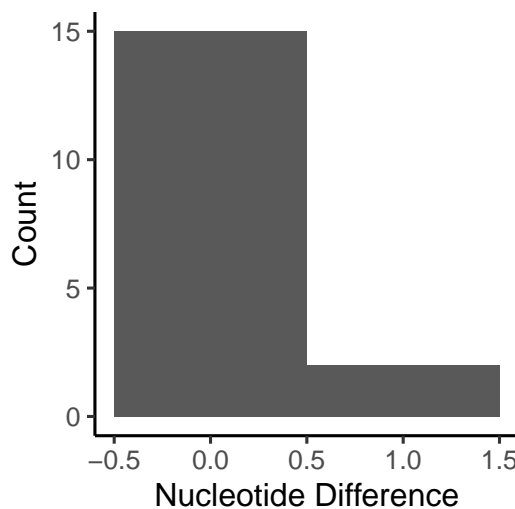
TRBV5-4*bp01

51 sequences assigned
48 (94.1%) exact matches, in which:
43 unique CDR3
12 unique J



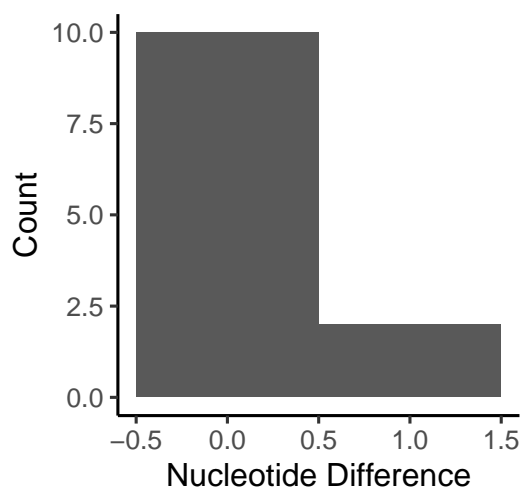
TRBV4-2*bp01

17 sequences assigned
15 (88.2%) exact matches, in which:
15 unique CDR3
8 unique J



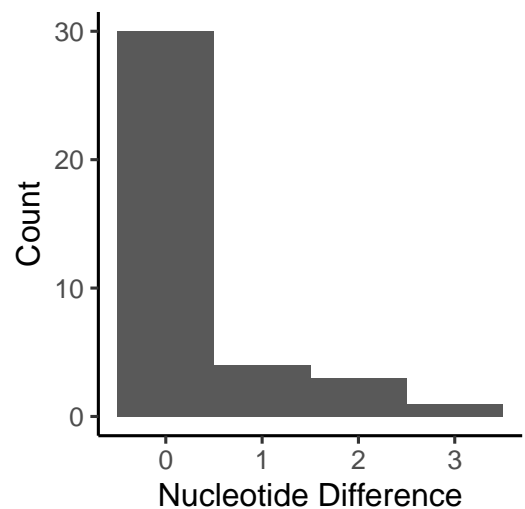
TRBV25-1*bp01

12 sequences assigned
10 (83.3%) exact matches, in which:
10 unique CDR3
5 unique J



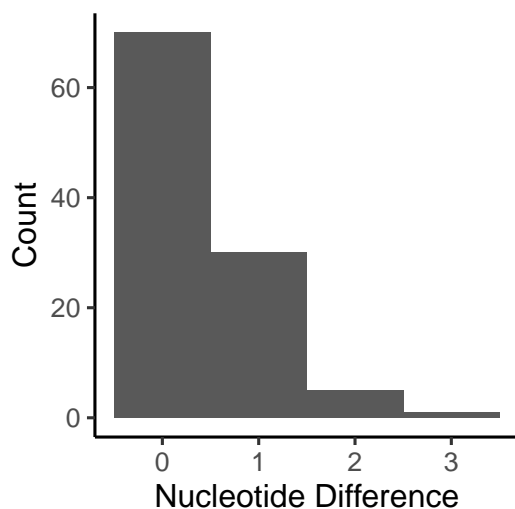
TRBV5-5*bp01

38 sequences assigned
30 (78.9%) exact matches, in which:
26 unique CDR3
10 unique J



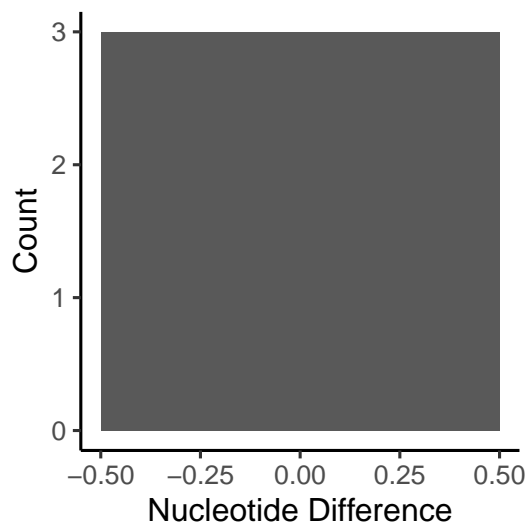
TRBV4-3*bp01

106 sequences assigned
70 (66%) exact matches, in which:
58 unique CDR3
13 unique J



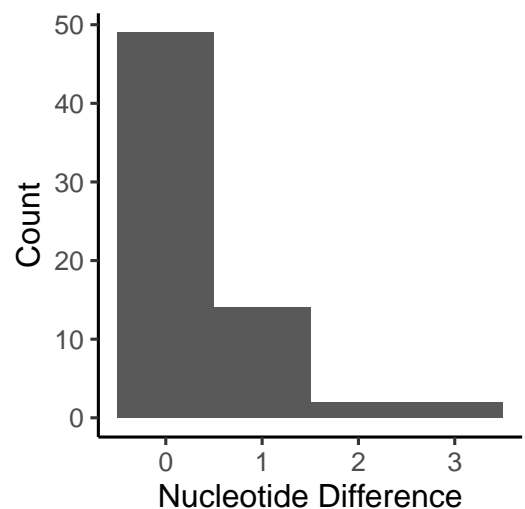
TRBV5-3*bp02

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



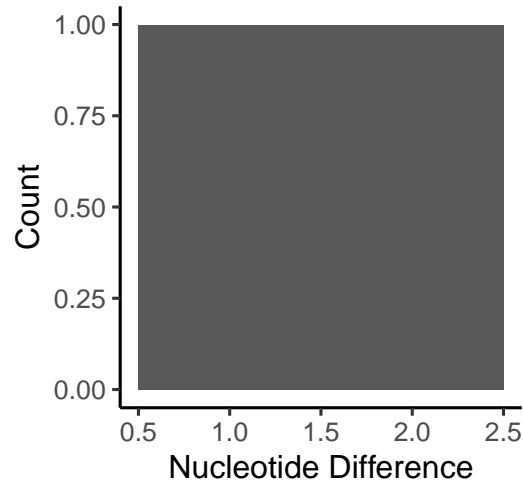
TRBV5-6*bp01

67 sequences assigned
49 (73.1%) exact matches, in which:
42 unique CDR3
12 unique J



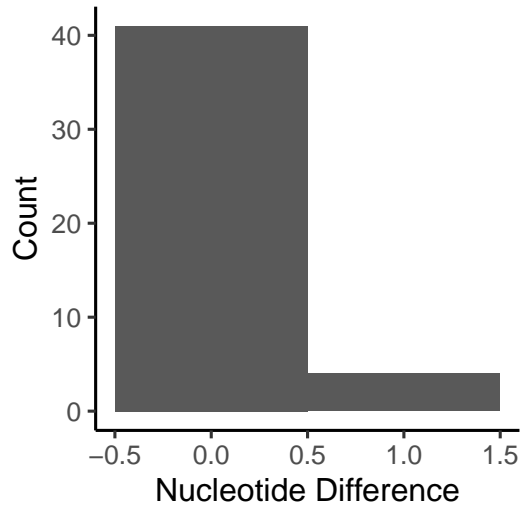
TRBV5-7*bp01

2 sequences assigned
No exact matches.



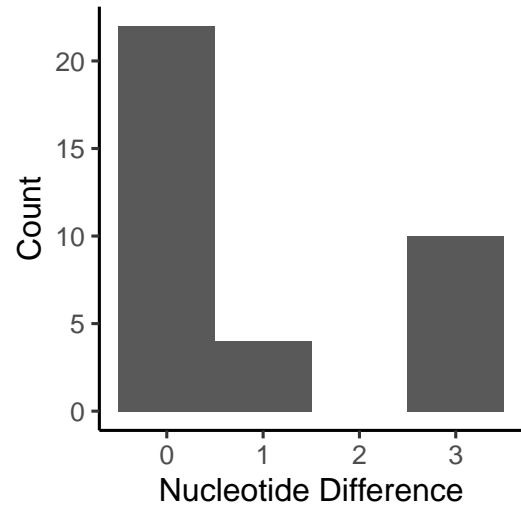
TRBV6-4*bp01

45 sequences assigned
41 (91.1%) exact matches, in which:
35 unique CDR3
12 unique J



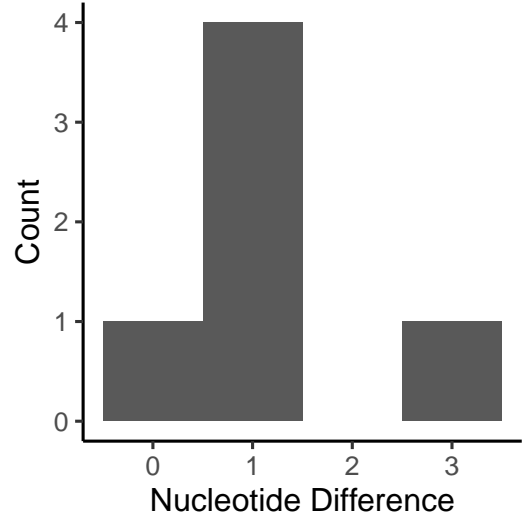
TRBV6-6*bp02

36 sequences assigned
22 (61.1%) exact matches, in which:
21 unique CDR3
8 unique J



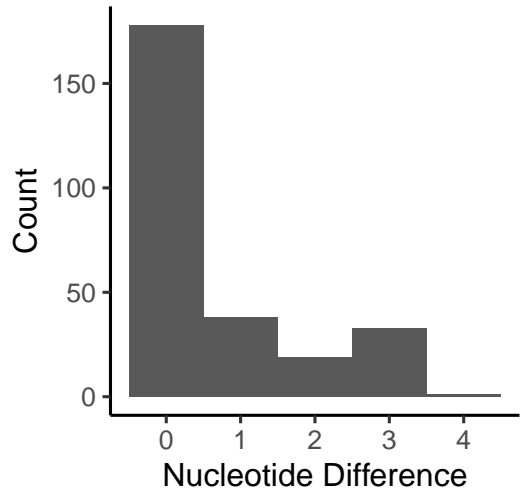
TRBV5-8*bp01

6 sequences assigned
1 (16.7%) exact matches, in which:
1 unique CDR3
1 unique J



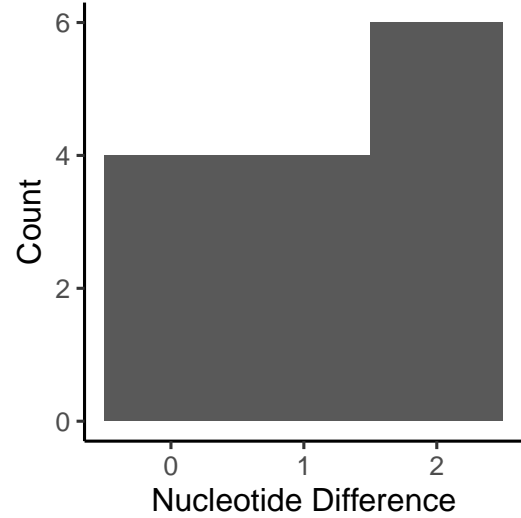
TRBV6-5*bp01

269 sequences assigned
178 (66.2%) exact matches, in which:
162 unique CDR3
13 unique J



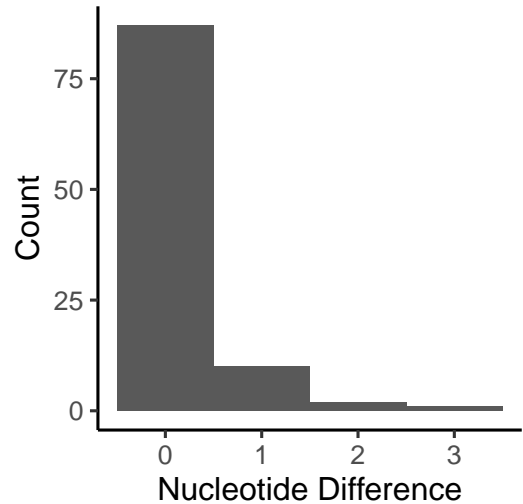
TRBV6-7*bp01

14 sequences assigned
4 (28.6%) exact matches, in which:
4 unique CDR3
3 unique J



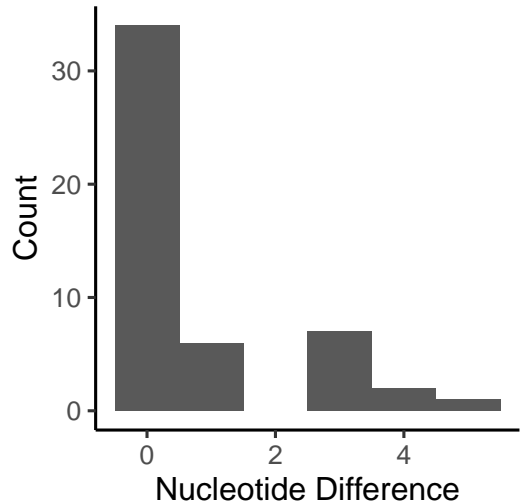
TRBV6-1*bp01

100 sequences assigned
87 (87%) exact matches, in which:
81 unique CDR3
12 unique J



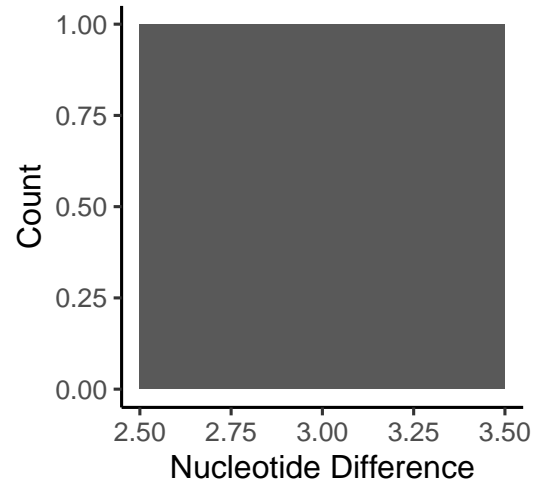
TRBV6-6*bp01

50 sequences assigned
34 (68%) exact matches, in which:
33 unique CDR3
11 unique J



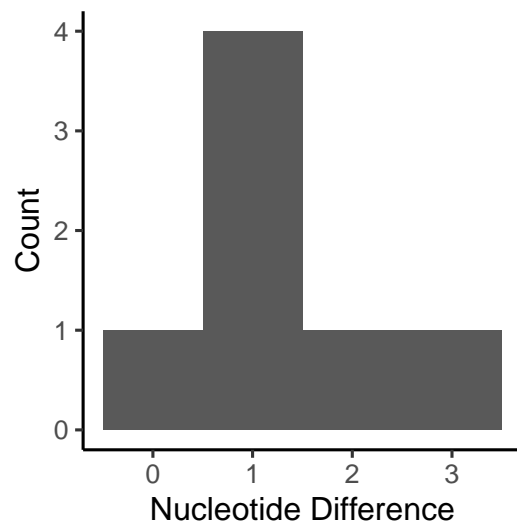
TRBV6-8*bp01

1 sequences assigned
No exact matches.



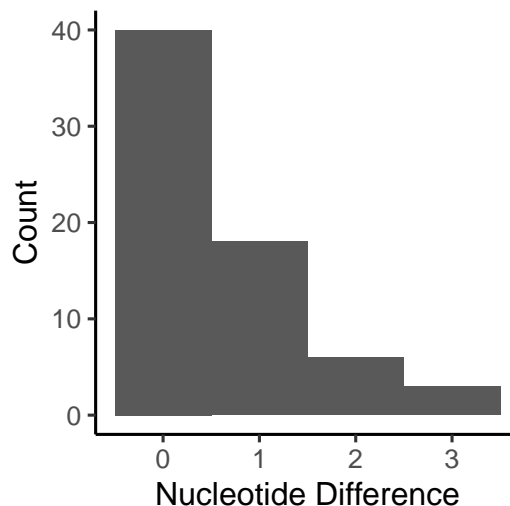
TRBV6–9*bp01

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



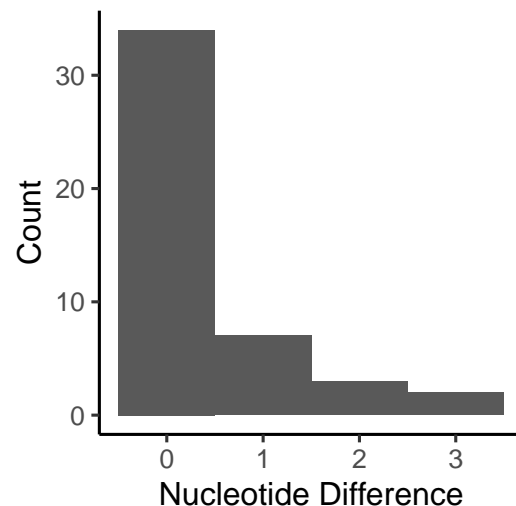
TRBV7–3*bp01

67 sequences assigned
40 (59.7%) exact matches, in which:
29 unique CDR3
7 unique J



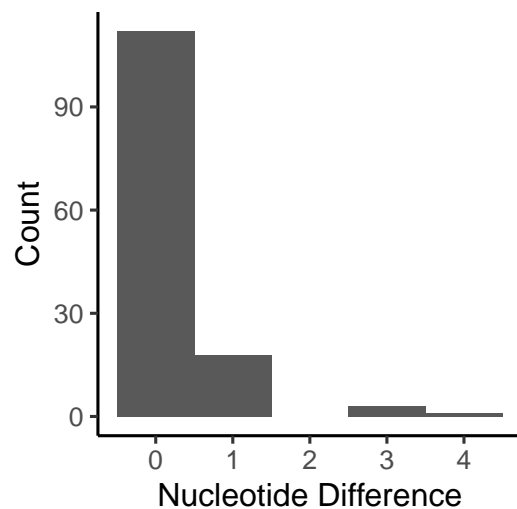
TRBV7–6*bp01

46 sequences assigned
34 (73.9%) exact matches, in which:
30 unique CDR3
11 unique J



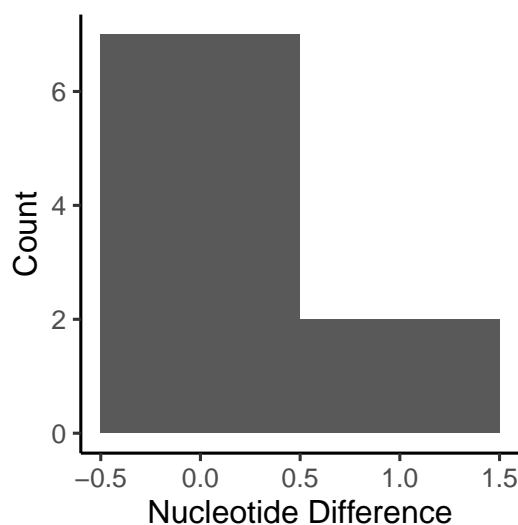
TRBV6–23*bp01

134 sequences assigned
112 (83.6%) exact matches, in which:
102 unique CDR3
13 unique J



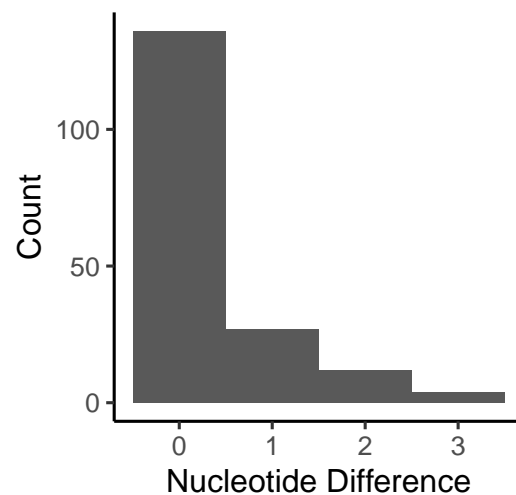
TRBV7–3*bp03

9 sequences assigned
7 (77.8%) exact matches, in which:
6 unique CDR3
3 unique J



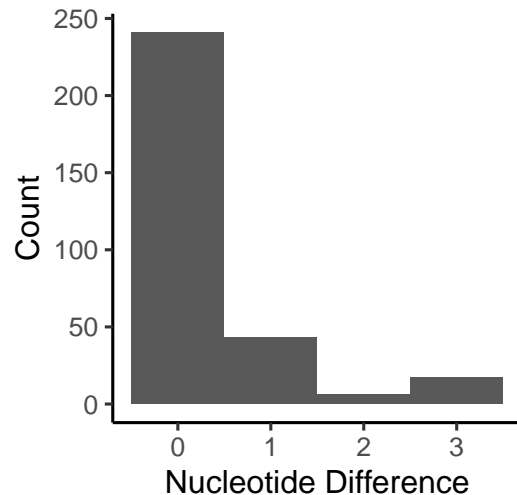
TRBV7–9*bp01

179 sequences assigned
136 (76%) exact matches, in which:
118 unique CDR3
12 unique J



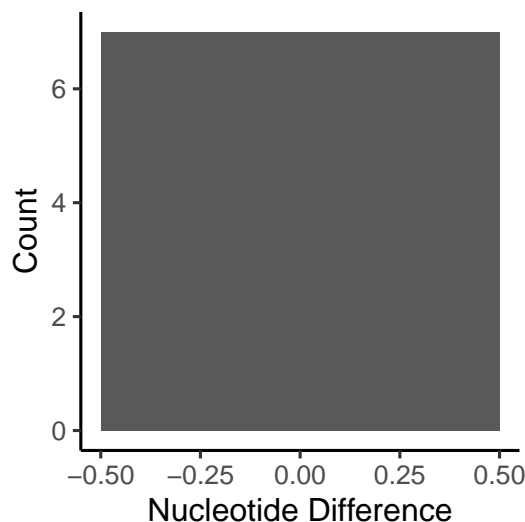
TRBV7–2*bp01

307 sequences assigned
241 (78.5%) exact matches, in which:
196 unique CDR3
14 unique J



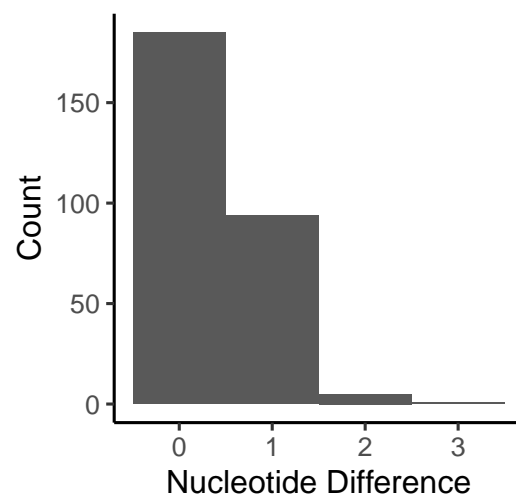
TRBV7–4*bp01

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

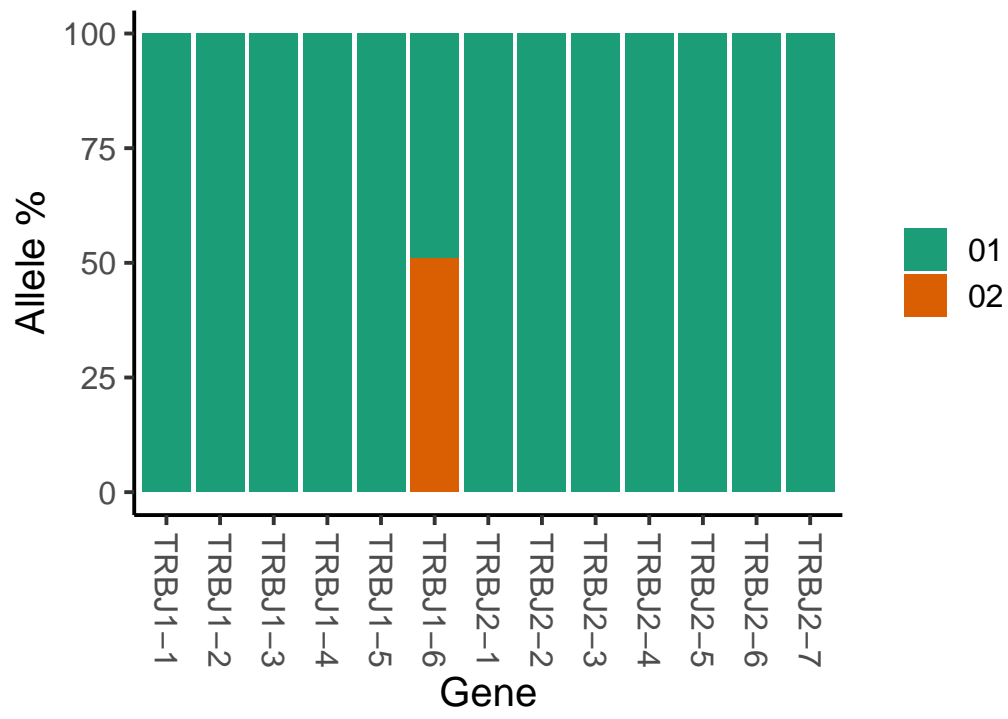


TRBV29–1*bp01

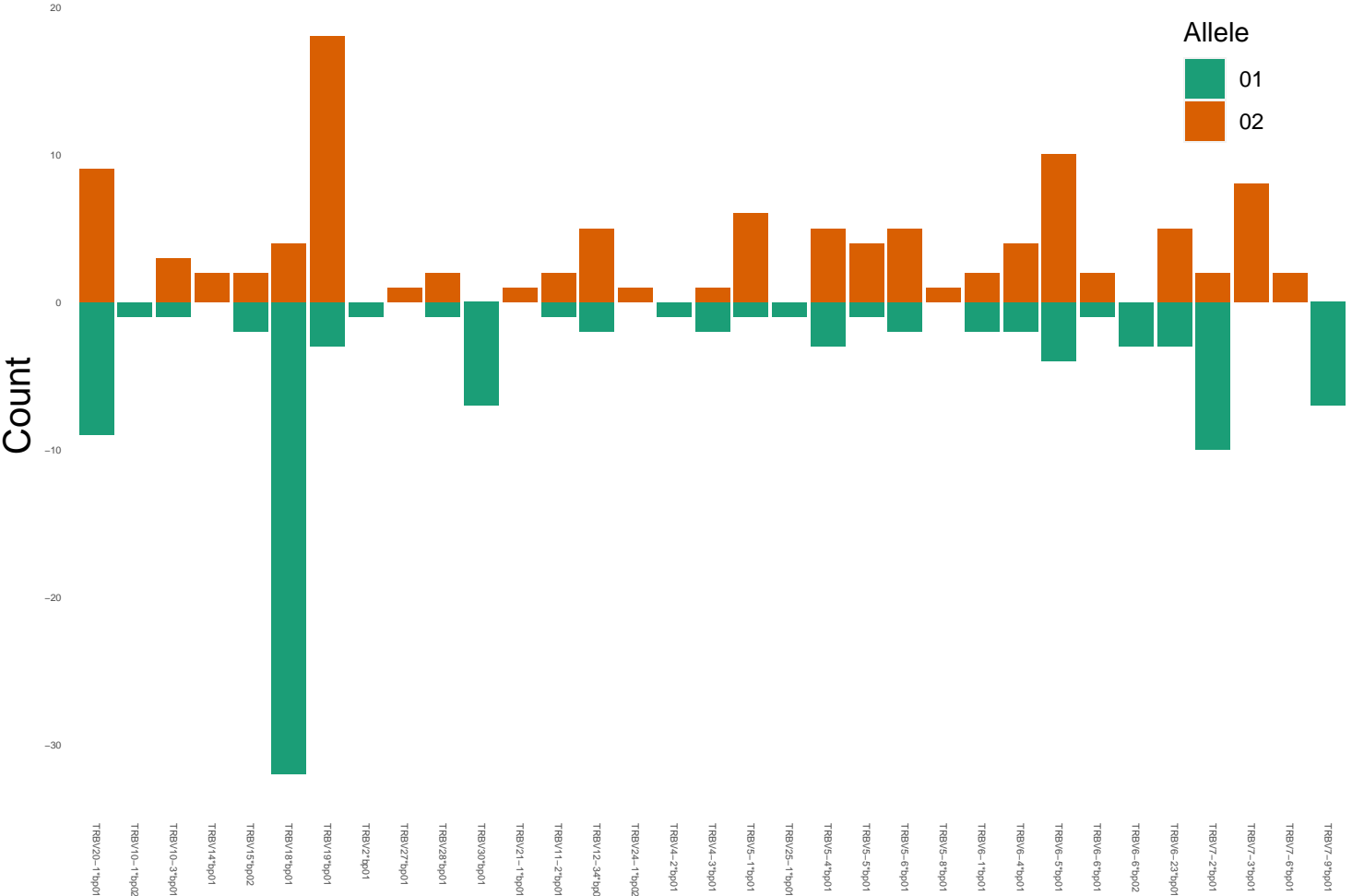
285 sequences assigned
185 (64.9%) exact matches, in which:
146 unique CDR3
12 unique J



Allele Usage



Sequence Count by TRBJ1–6 allele usage



[illegible]