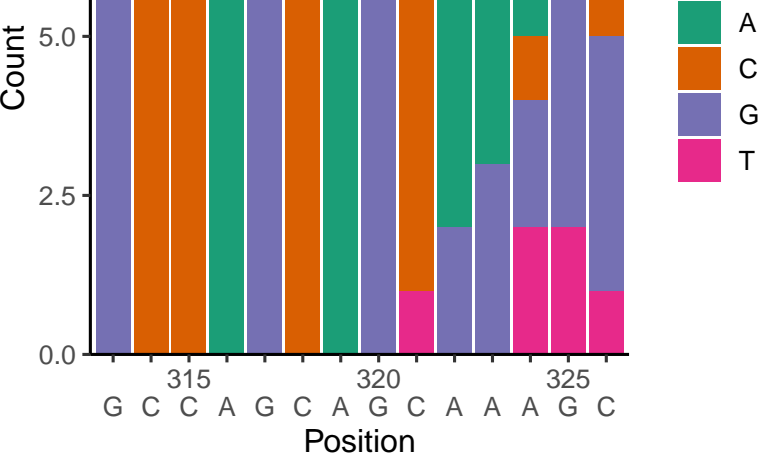


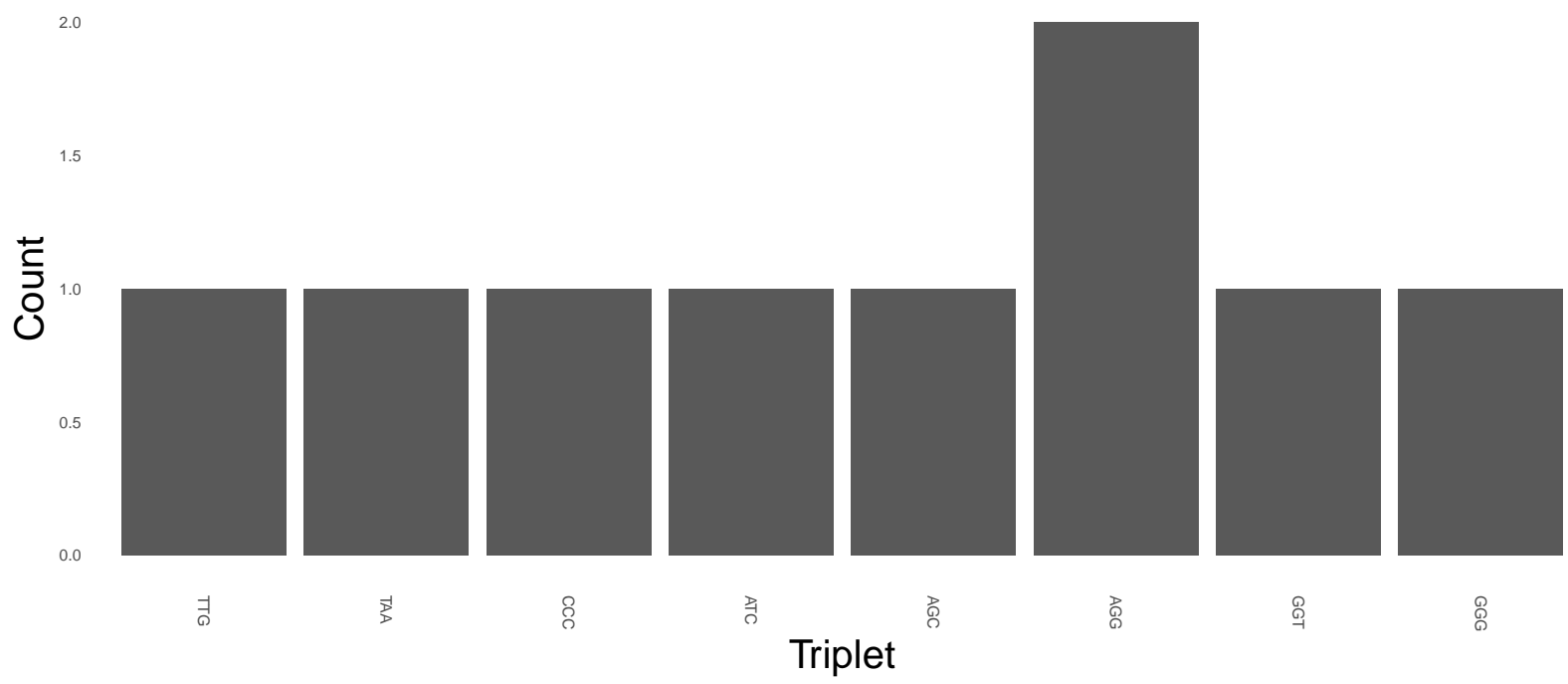
Gene TRBV21-1*bp01_C199T



Gene TRBV21-1*bp01_C199T

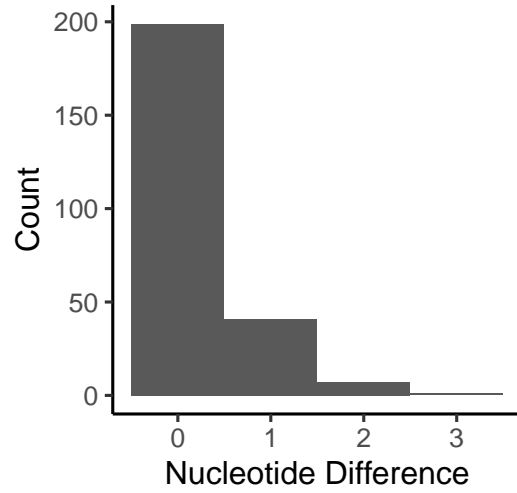


TRBV21-1*bp01_C199T- Final 3 nucleotides as a triplet



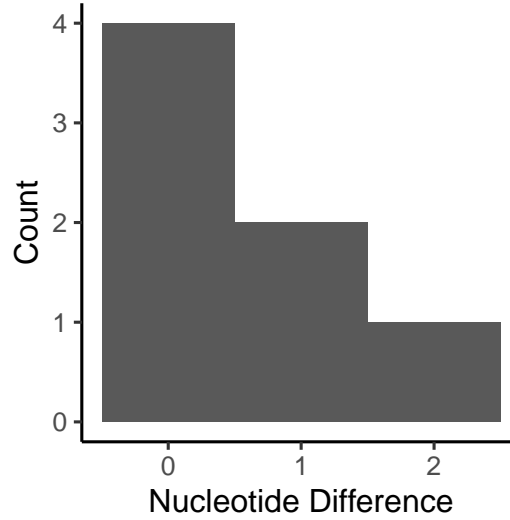
TRBV20–1*bp01

248 sequences assigned
199 (80.2%) exact matches, in which:
127 unique CDR3
12 unique J



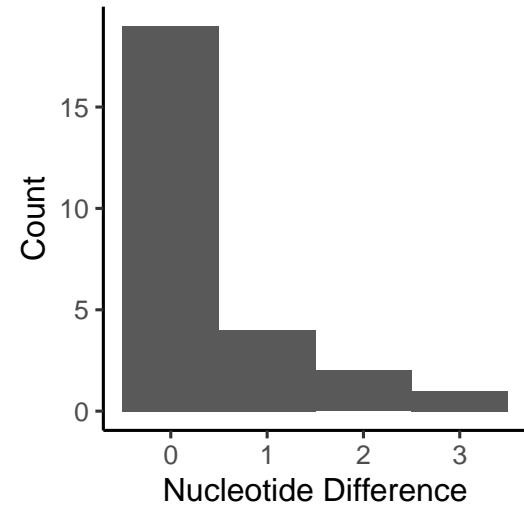
TRBV10–2*bp01

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



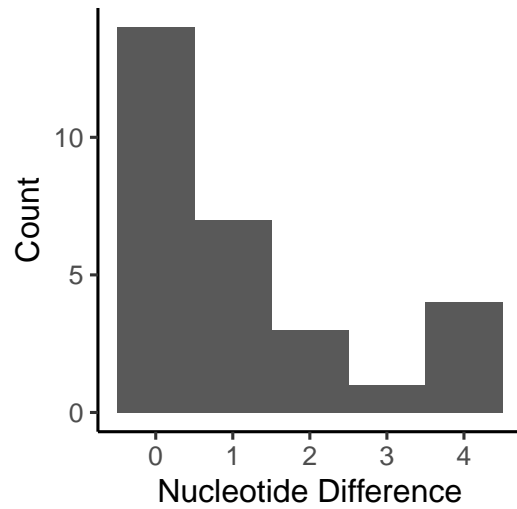
TRBV14*bp01

26 sequences assigned
19 (73.1%) exact matches, in which:
17 unique CDR3
7 unique J



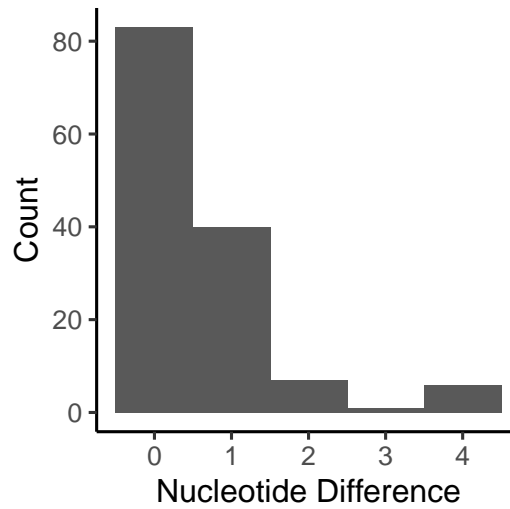
TRBV10–1*bp01

29 sequences assigned
14 (48.3%) exact matches, in which:
13 unique CDR3
6 unique J



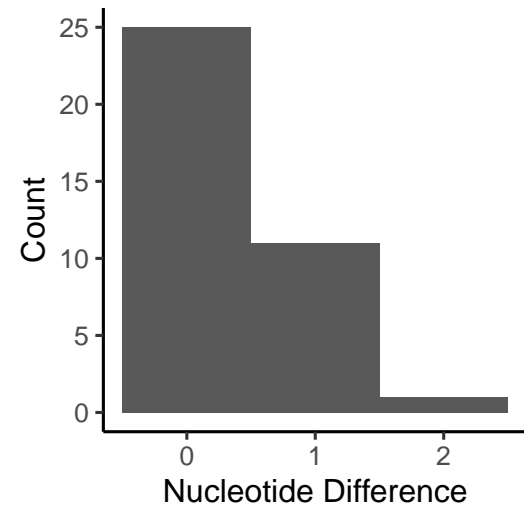
TRBV10–3*bp01

137 sequences assigned
83 (60.6%) exact matches, in which:
65 unique CDR3
11 unique J



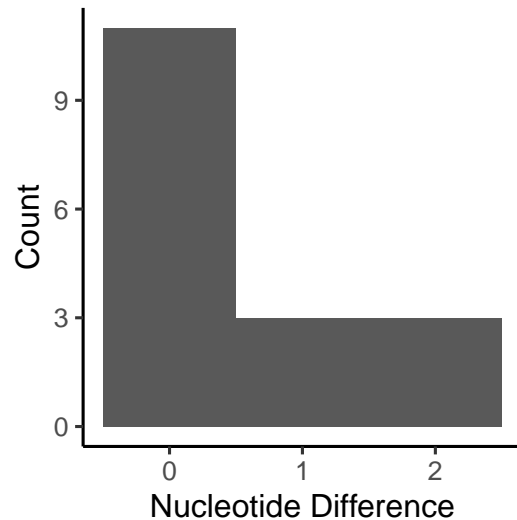
TRBV15*bp01

37 sequences assigned
25 (67.6%) exact matches, in which:
19 unique CDR3
9 unique J



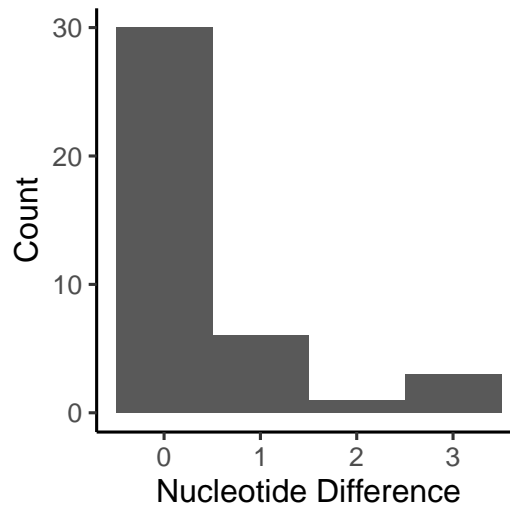
TRBV10–1*bp02

17 sequences assigned
11 (64.7%) exact matches, in which:
10 unique CDR3
7 unique J



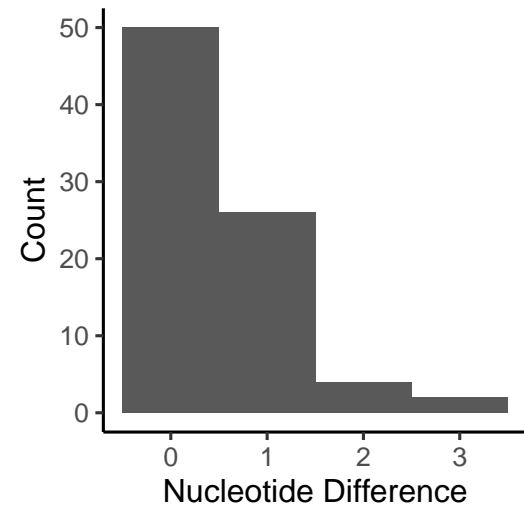
TRBV13*bp01

40 sequences assigned
30 (75%) exact matches, in which:
27 unique CDR3
10 unique J



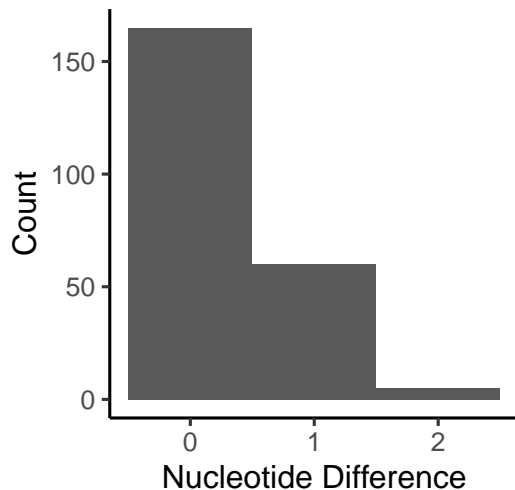
TRBV15*bp02

82 sequences assigned
50 (61%) exact matches, in which:
36 unique CDR3
10 unique J



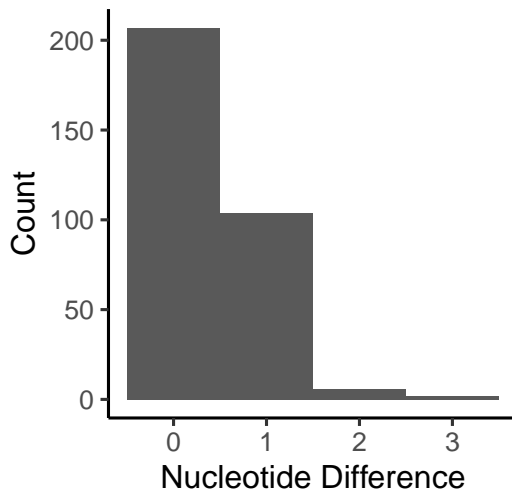
TRBV18*bp01

230 sequences assigned
165 (71.7%) exact matches, in which:
91 unique CDR3
12 unique J



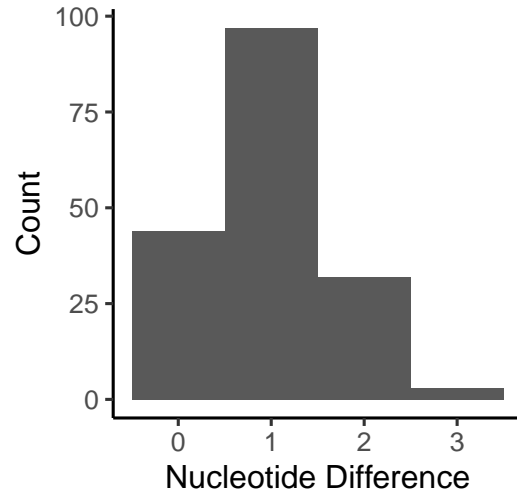
TRBV27*bp01

319 sequences assigned
207 (64.9%) exact matches, in which:
161 unique CDR3
13 unique J



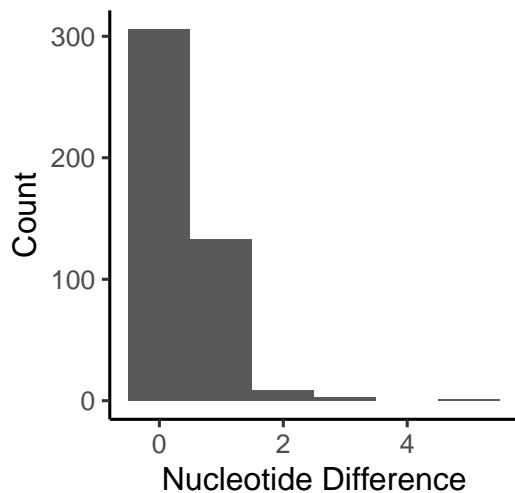
TRBV30*bp02

176 sequences assigned
44 (25%) exact matches, in which:
33 unique CDR3
12 unique J



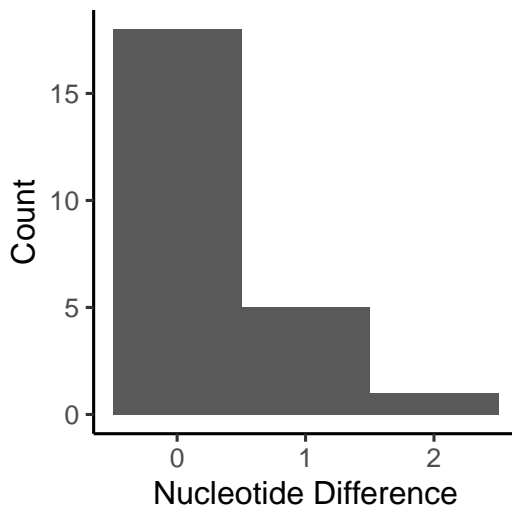
TRBV19*bp01

452 sequences assigned
306 (67.7%) exact matches, in which:
196 unique CDR3
12 unique J



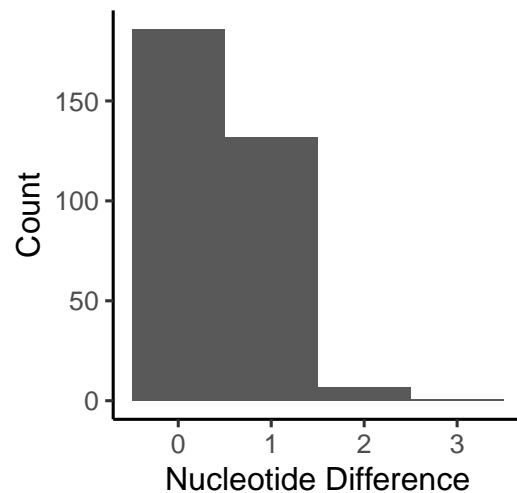
TRBV28*bp01

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



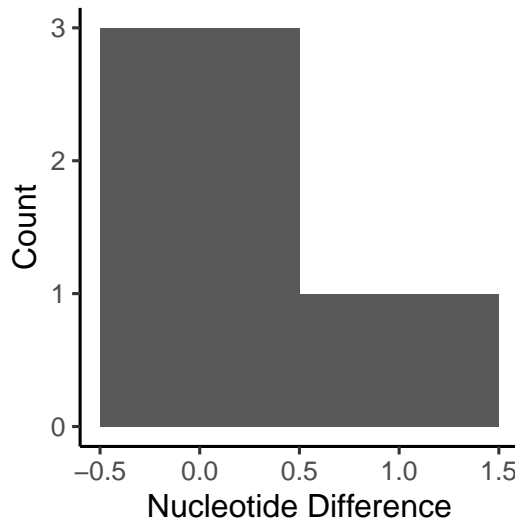
TRBV30*bp04

326 sequences assigned
186 (57.1%) exact matches, in which:
83 unique CDR3
12 unique J



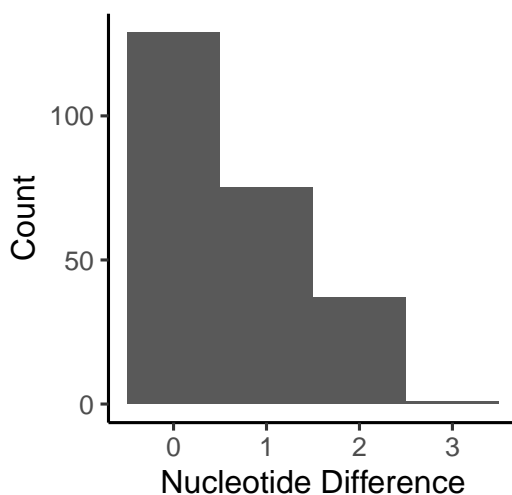
TRBV2*bp01

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



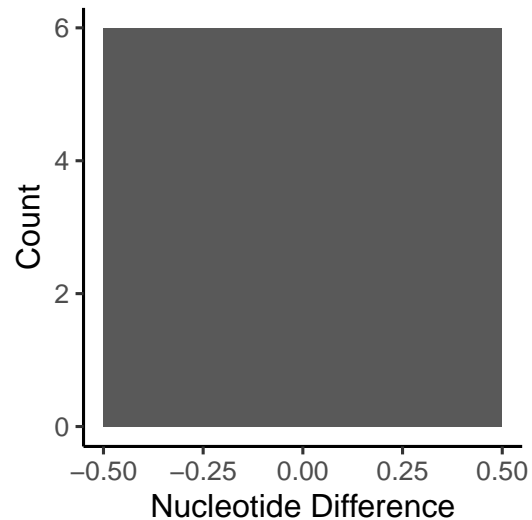
TRBV30*bp01

242 sequences assigned
129 (53.3%) exact matches, in which:
70 unique CDR3
12 unique J



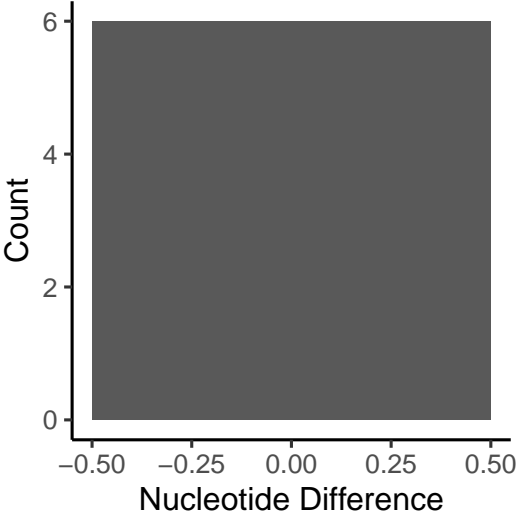
TRBV9*bp01

6 sequences assigned
6 (100%) exact matches, in which:
5 unique CDR3
4 unique J



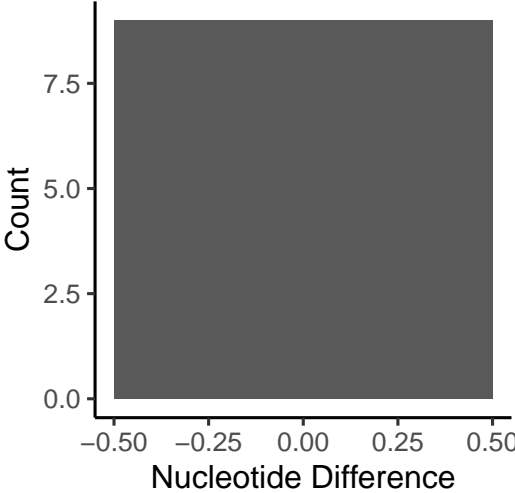
TRBV9*bp02

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
5 unique J



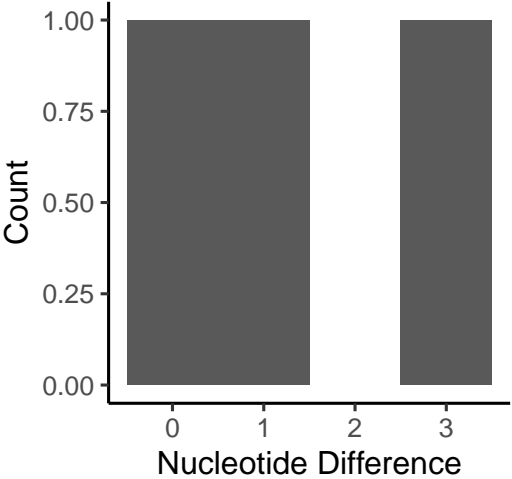
TRBV21-1*bp01_C199T

9 sequences assigned
9 (100%) exact matches, in which:
9 unique CDR3
6 unique J



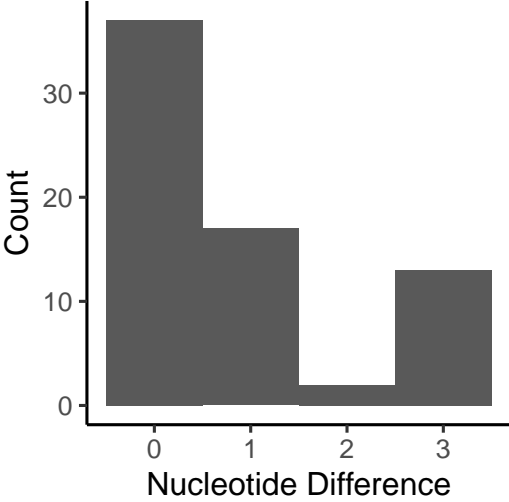
TRBV11-3*bp01

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



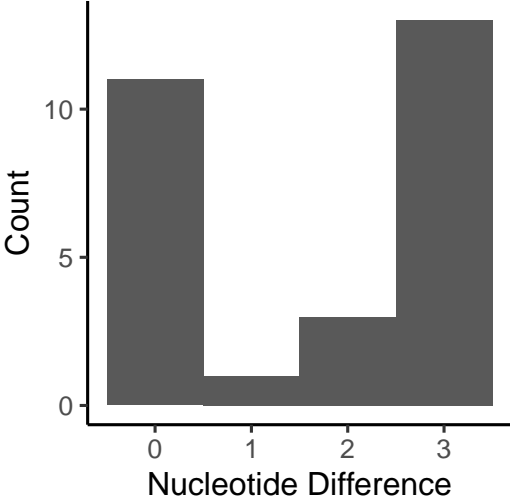
TRBV11-1*bp01

69 sequences assigned
37 (53.6%) exact matches, in which:
29 unique CDR3
9 unique J



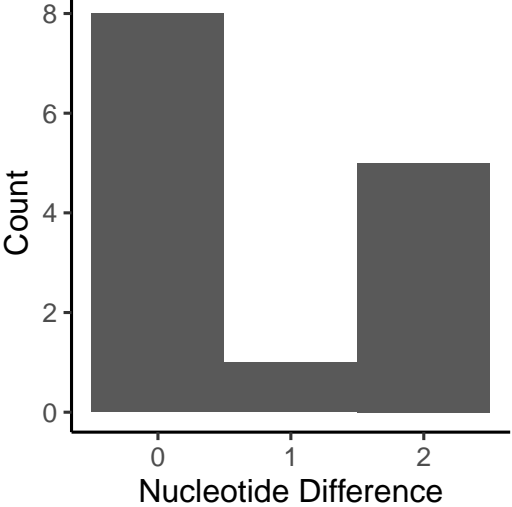
TRBV11-2*bp01

28 sequences assigned
11 (39.3%) exact matches, in which:
11 unique CDR3
6 unique J



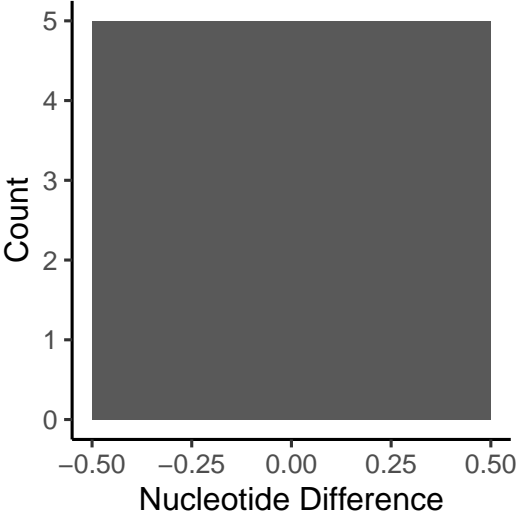
TRBV12-5*bp01

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



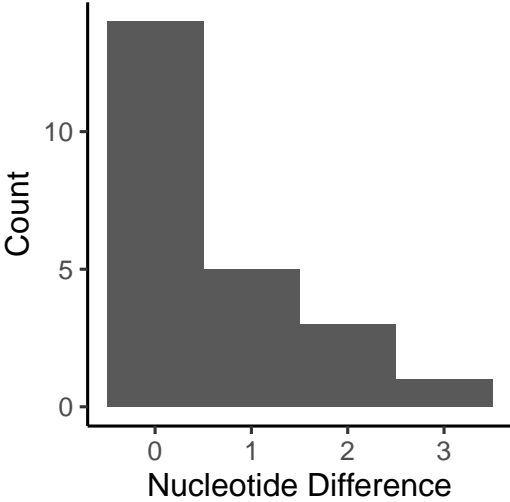
TRBV21-1*bp01

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



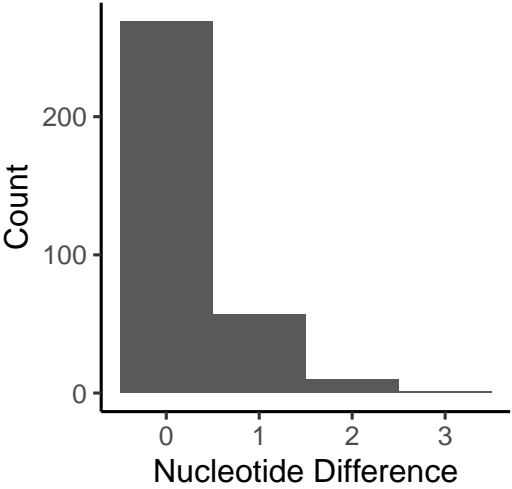
TRBV11-2*bp03

23 sequences assigned
14 (60.9%) exact matches, in which:
13 unique CDR3
5 unique J



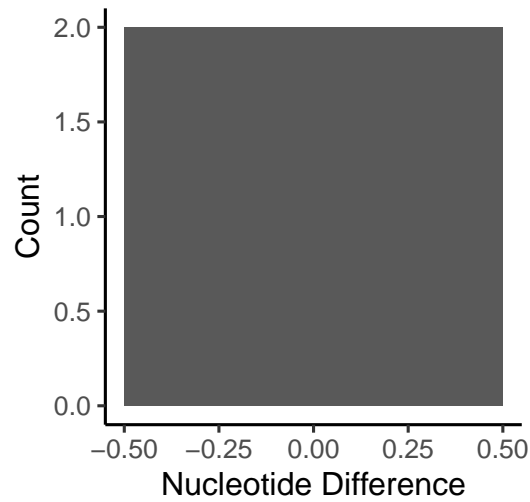
TRBV12-34*bp01

337 sequences assigned
269 (79.8%) exact matches, in which:
160 unique CDR3
13 unique J



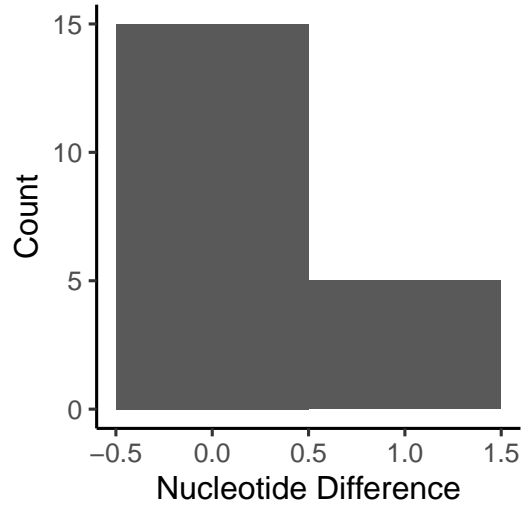
TRBV23–1*bp01

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



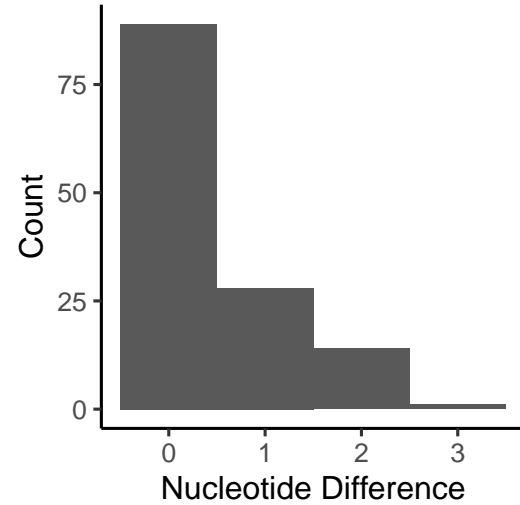
TRBV4–2*bp01

20 sequences assigned
15 (75%) exact matches, in which:
12 unique CDR3
7 unique J



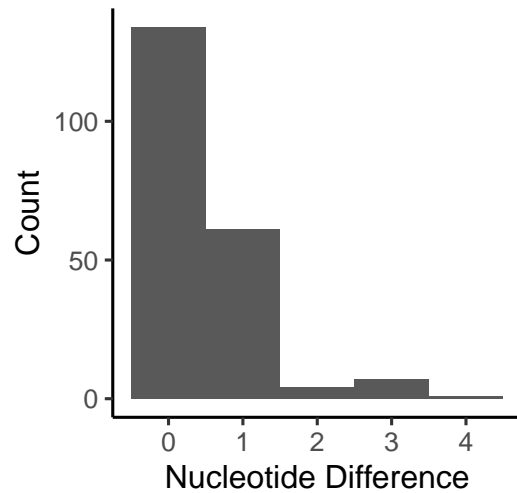
TRBV5–4*bp01

132 sequences assigned
89 (67.4%) exact matches, in which:
67 unique CDR3
12 unique J



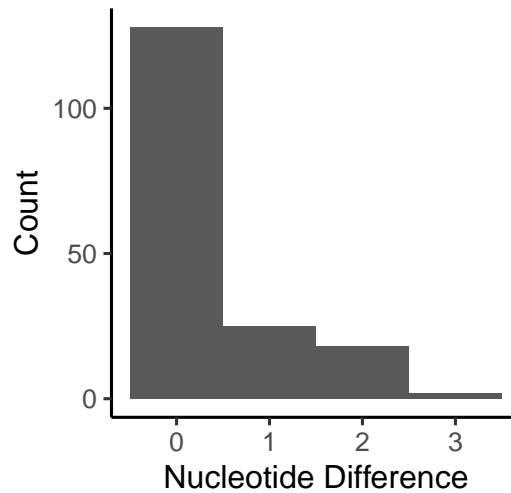
TRBV24–1*bp01

207 sequences assigned
134 (64.7%) exact matches, in which:
96 unique CDR3
11 unique J



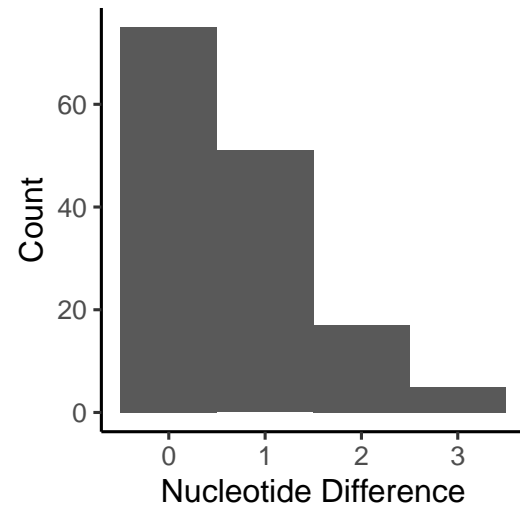
TRBV5–1*bp01

173 sequences assigned
128 (74%) exact matches, in which:
93 unique CDR3
13 unique J



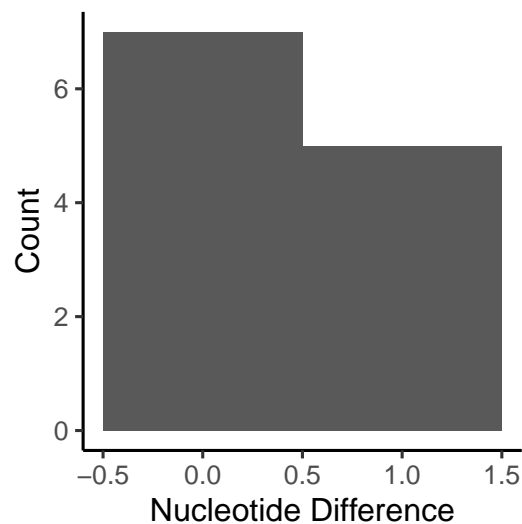
TRBV5–5*bp01

148 sequences assigned
75 (50.7%) exact matches, in which:
43 unique CDR3
10 unique J



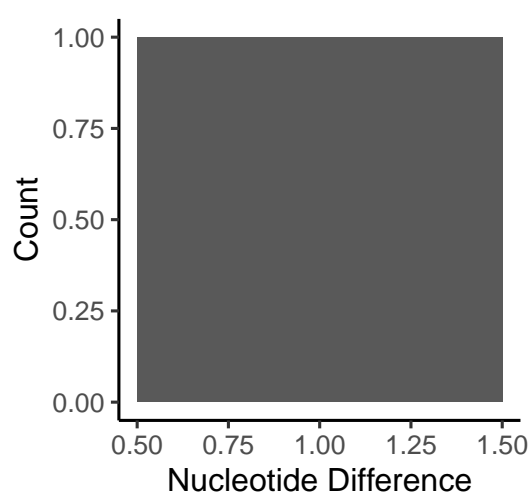
TRBV4–1*bp01

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



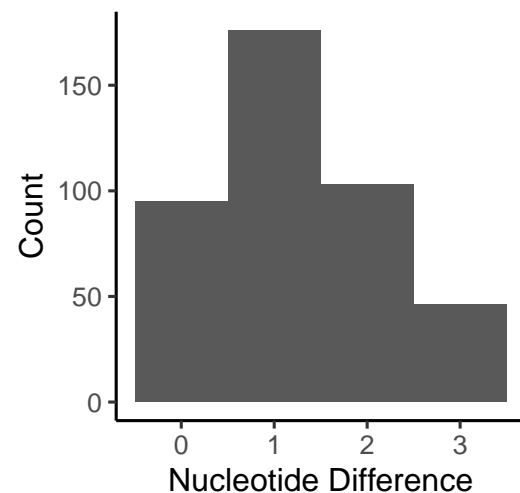
TRBV5–3*bp01

1 sequences assigned
No exact matches.



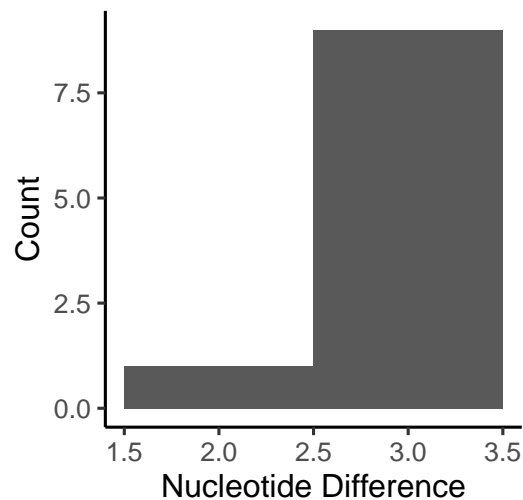
TRBV5–6*bp01

420 sequences assigned
95 (22.6%) exact matches, in which:
71 unique CDR3
12 unique J



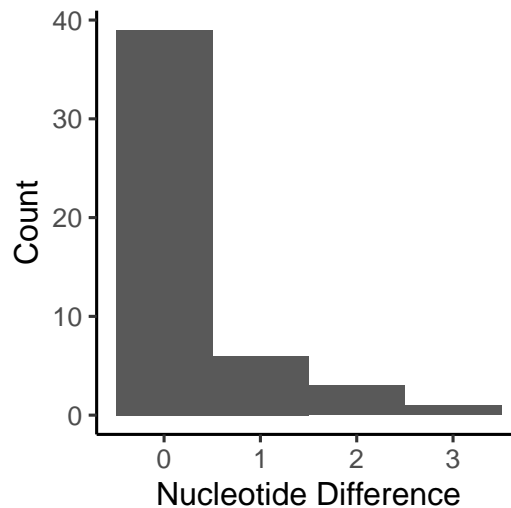
TRBV5-7*bp01

10 sequences assigned
No exact matches.



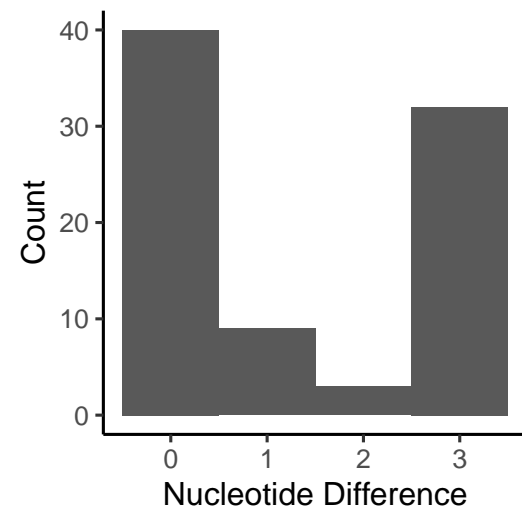
TRBV6-4*bp01

49 sequences assigned
39 (79.6%) exact matches, in which:
32 unique CDR3
11 unique J



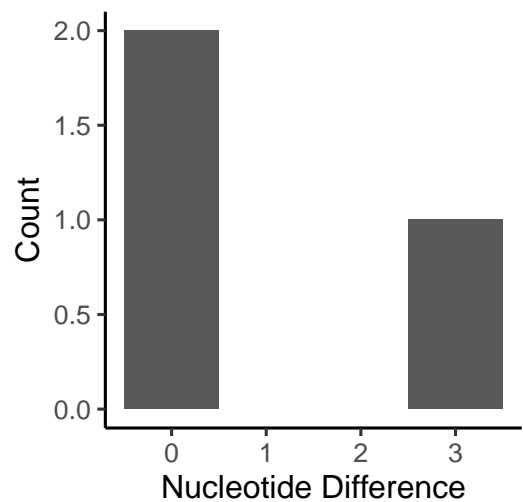
TRBV6-6*bp02

84 sequences assigned
40 (47.6%) exact matches, in which:
35 unique CDR3
11 unique J



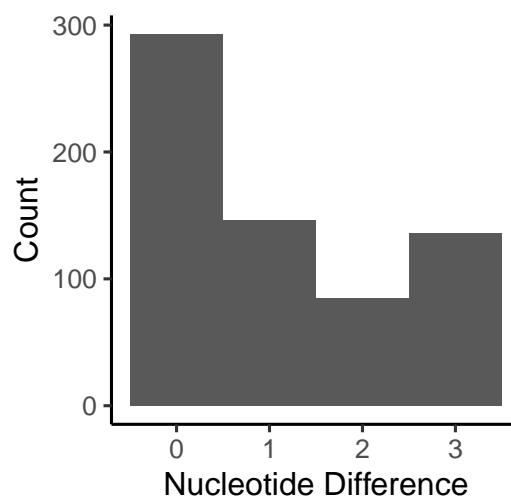
TRBV5-8*bp01

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



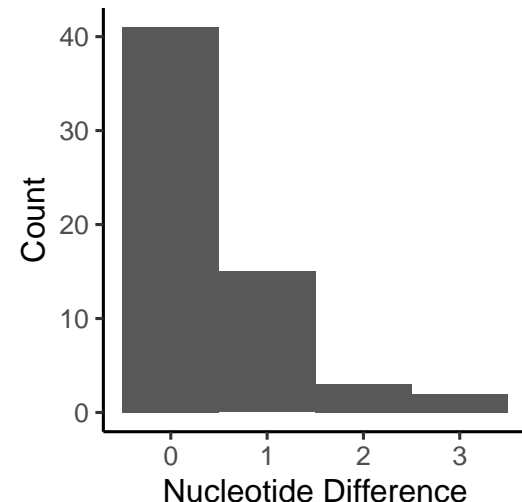
TRBV6-5*bp01

660 sequences assigned
293 (44.4%) exact matches, in which:
241 unique CDR3
13 unique J



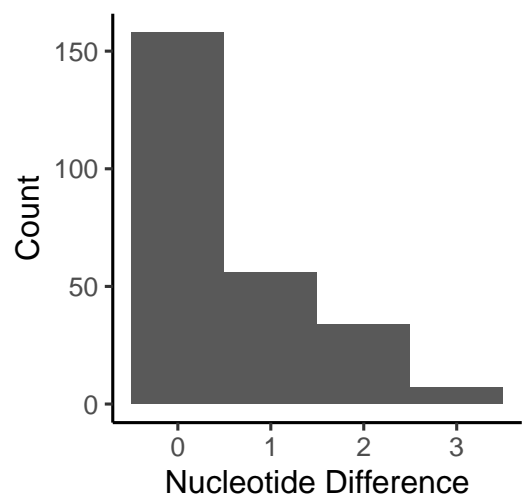
TRBV6-23*bp01

61 sequences assigned
41 (67.2%) exact matches, in which:
35 unique CDR3
11 unique J



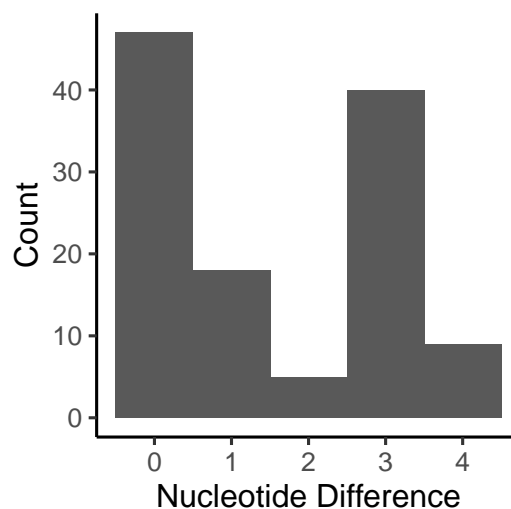
TRBV6-1*bp01

255 sequences assigned
158 (62%) exact matches, in which:
131 unique CDR3
12 unique J



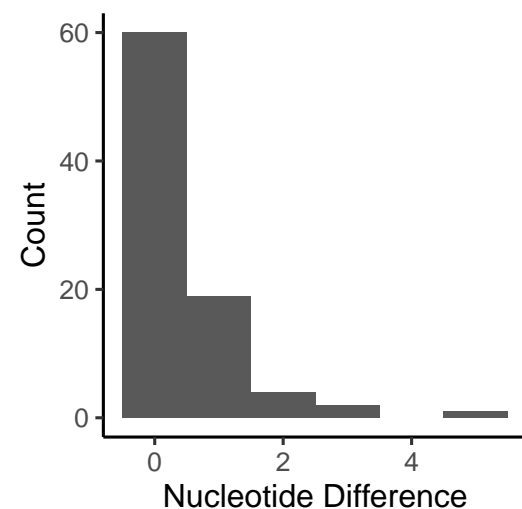
TRBV6-6*bp01

119 sequences assigned
47 (39.5%) exact matches, in which:
40 unique CDR3
11 unique J



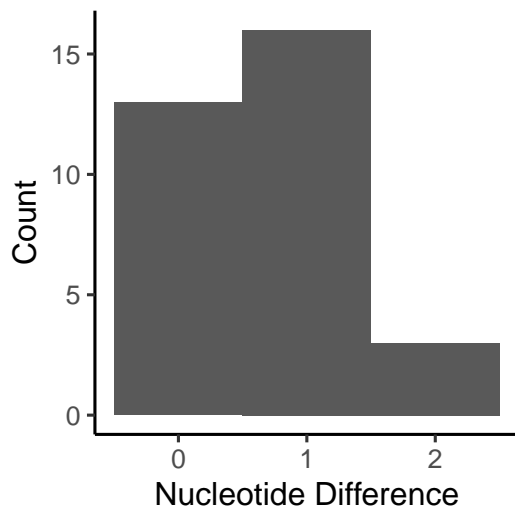
TRBV7-2*bp01

86 sequences assigned
60 (69.8%) exact matches, in which:
40 unique CDR3
10 unique J



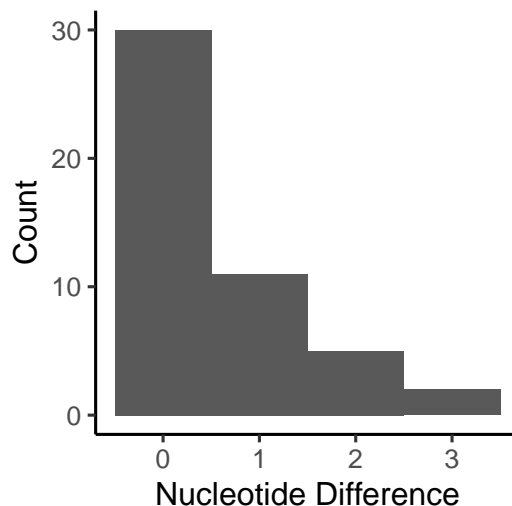
TRBV7-2*bp02

32 sequences assigned
13 (40.6%) exact matches, in which:
8 unique CDR3
6 unique J



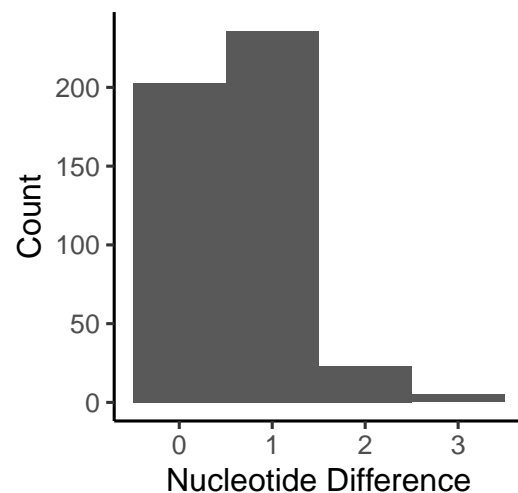
TRBV7-6*bp01

48 sequences assigned
30 (62.5%) exact matches, in which:
21 unique CDR3
9 unique J



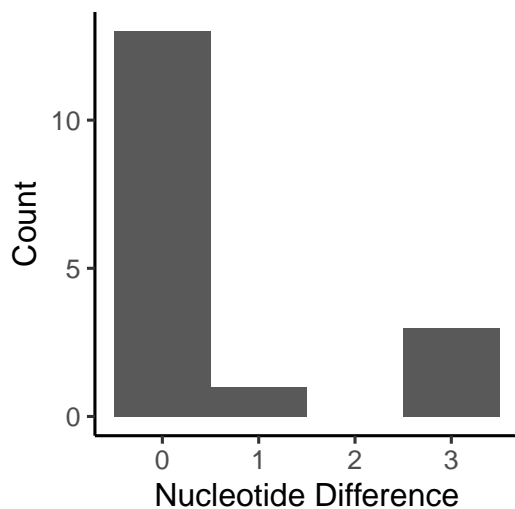
TRBV29-1*bp01

467 sequences assigned
203 (43.5%) exact matches, in which:
126 unique CDR3
11 unique J



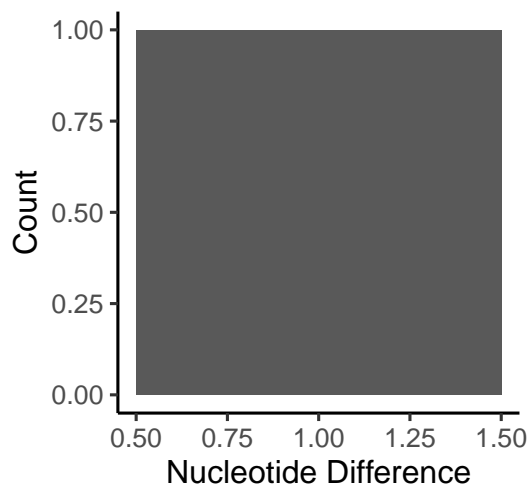
TRBV7-3*bp01

17 sequences assigned
13 (76.5%) exact matches, in which:
11 unique CDR3
7 unique J



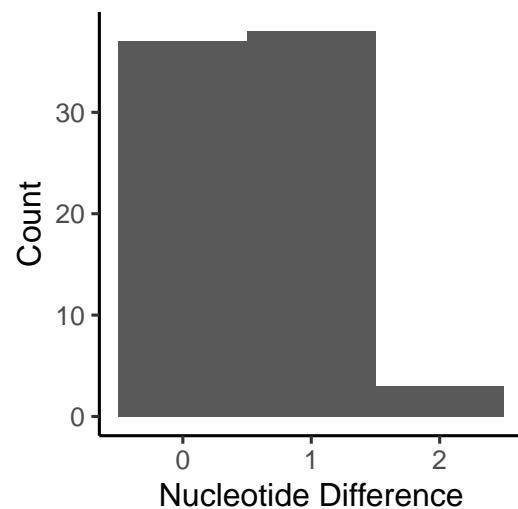
TRBV7-7*bp01

1 sequences assigned
No exact matches.



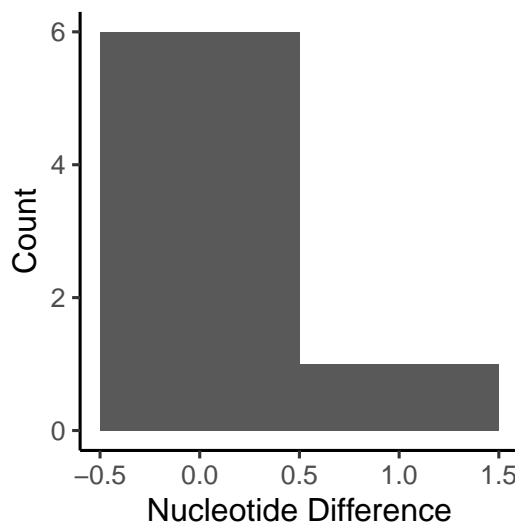
TRBV29-1*bp03

78 sequences assigned
37 (47.4%) exact matches, in which:
23 unique CDR3
7 unique J



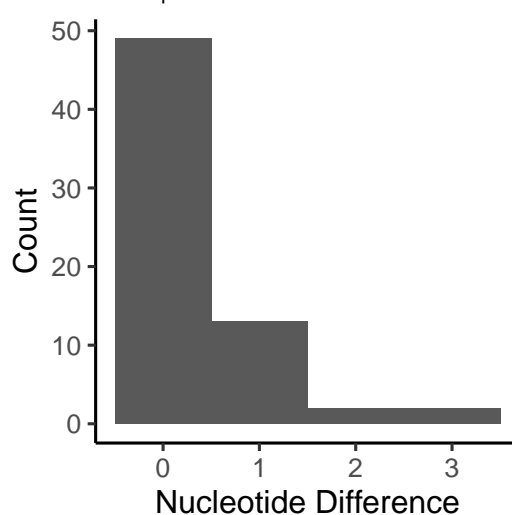
TRBV7-4*bp01

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

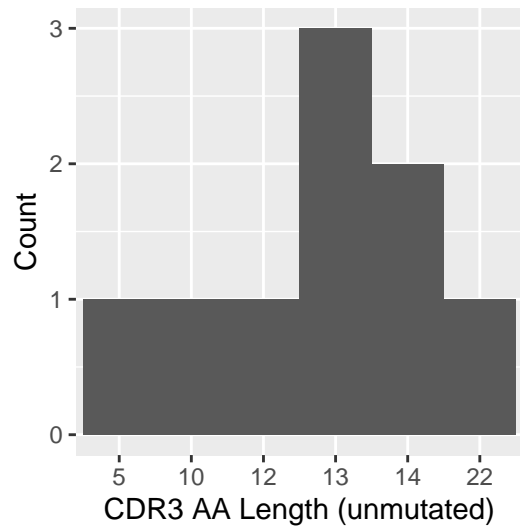


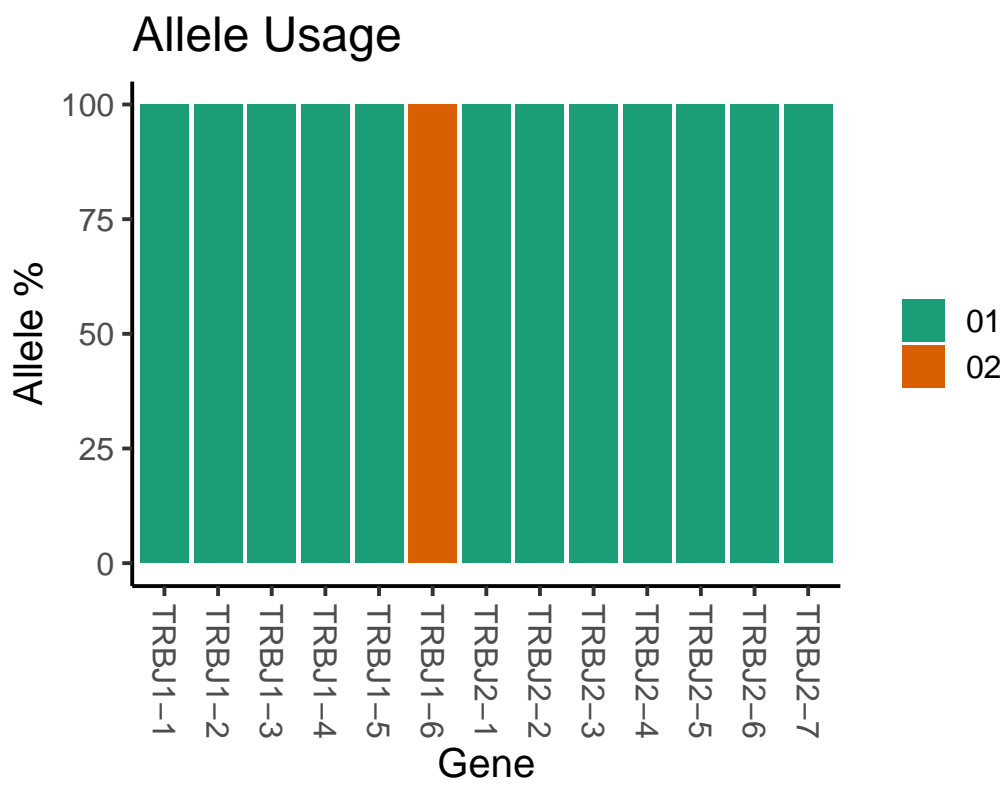
TRBV7-9*bp01

66 sequences assigned
49 (74.2%) exact matches, in which:
39 unique CDR3
11 unique J



TRBV21-1*bp01_C199T





[illegible]