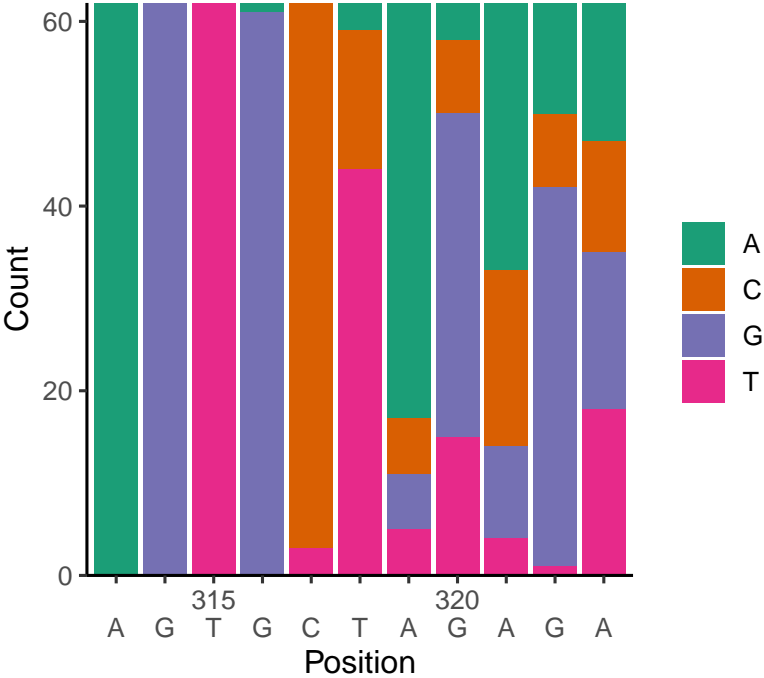
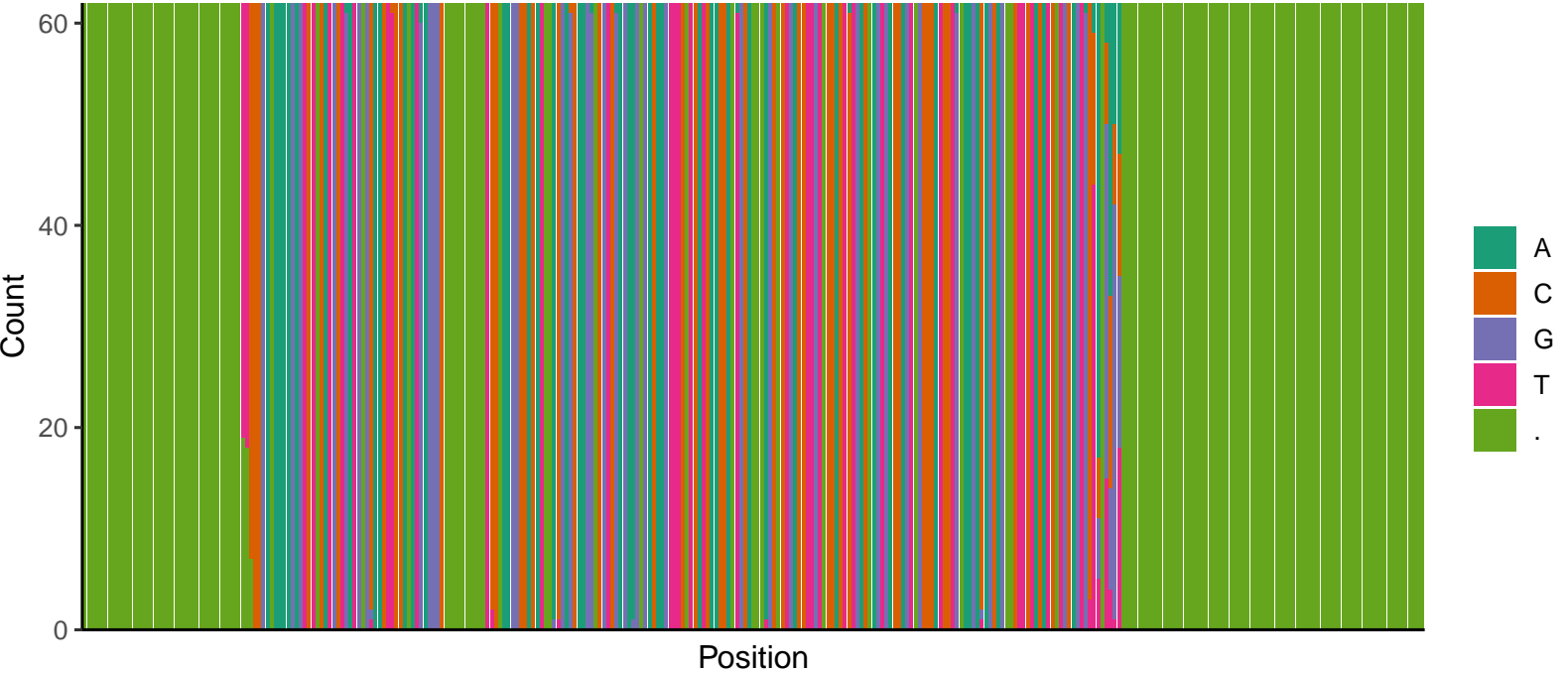


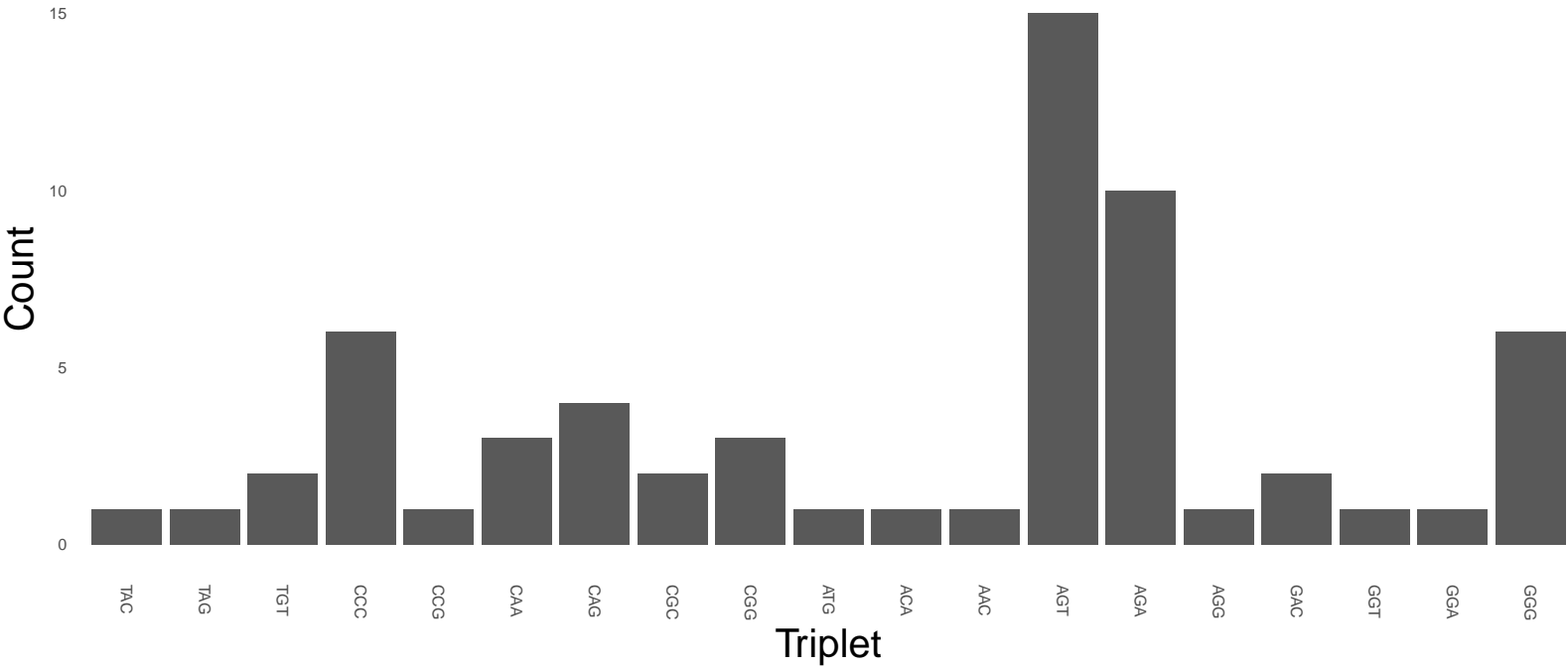
Gene TRBV20-1*bp04_322GA323



Gene TRBV20-1*bp04_322GA323

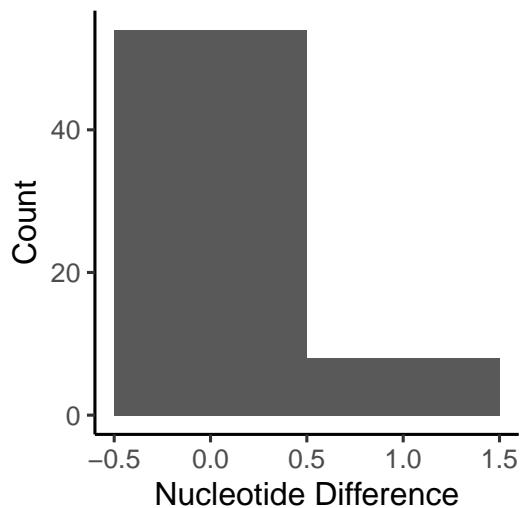


TRBV20-1*bp04_322GA323- Final 3 nucleotides as a triplet



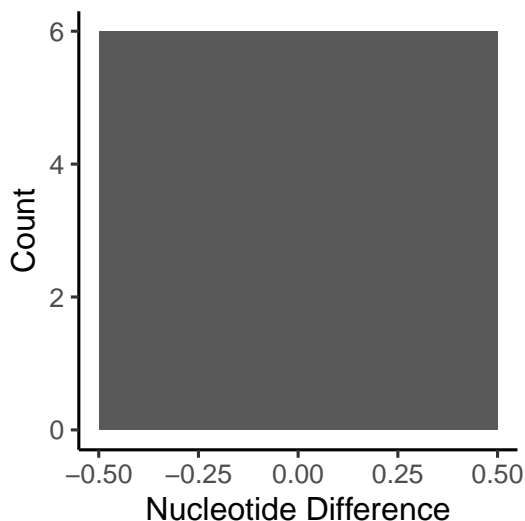
TRBV20–1*bp01

62 sequences assigned
54 (87.1%) exact matches, in which:
35 unique CDR3
12 unique J



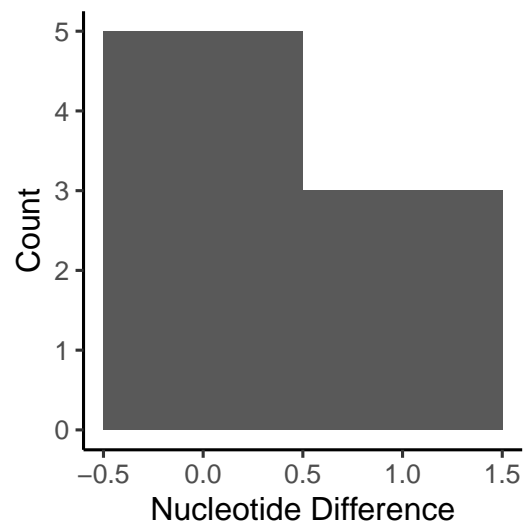
TRBV10–2*bp01

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



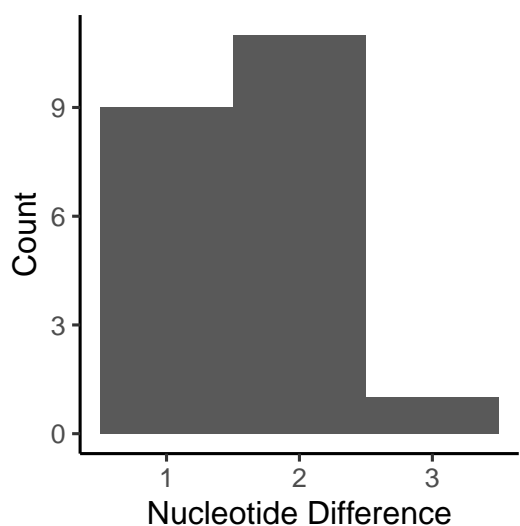
TRBV14*bp01

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



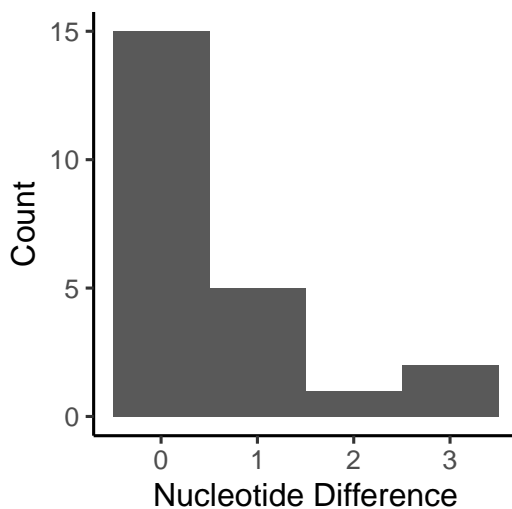
TRBV10–1*bp02

21 sequences assigned
No exact matches.



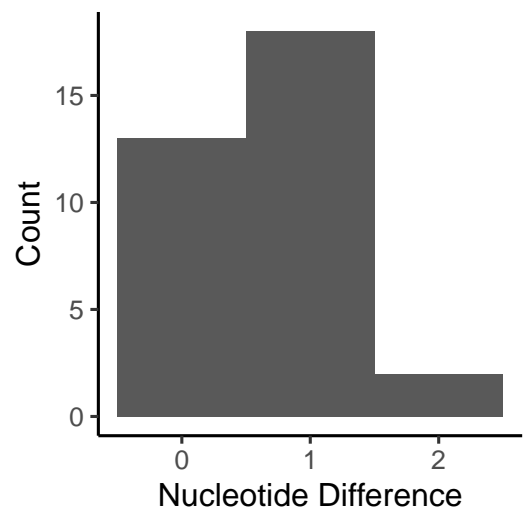
TRBV10–3*bp01

23 sequences assigned
15 (65.2%) exact matches, in which:
12 unique CDR3
6 unique J



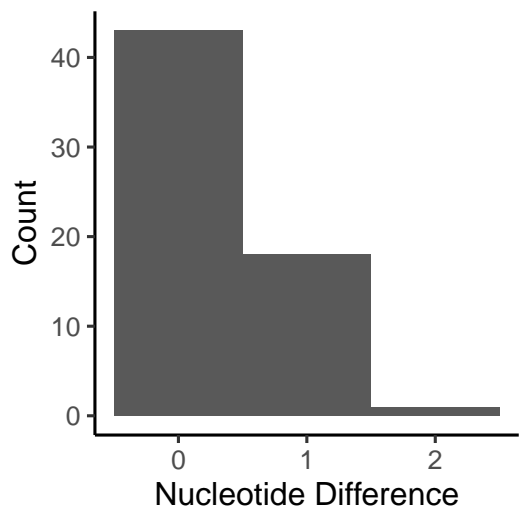
TRBV15*bp02

33 sequences assigned
13 (39.4%) exact matches, in which:
11 unique CDR3
5 unique J



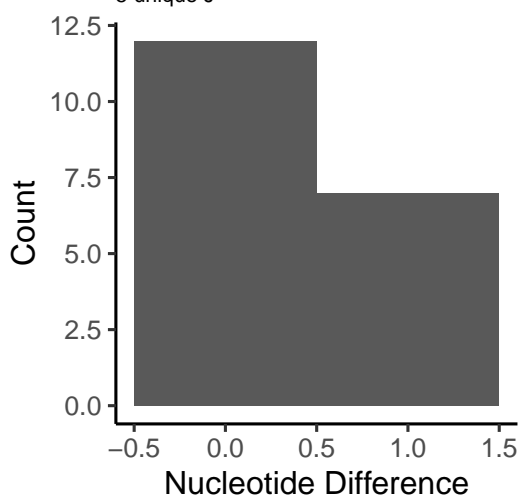
TRBV20–1*bp04_322GA3

62 sequences assigned
43 (69.4%) exact matches, in which:
27 unique CDR3
10 unique J



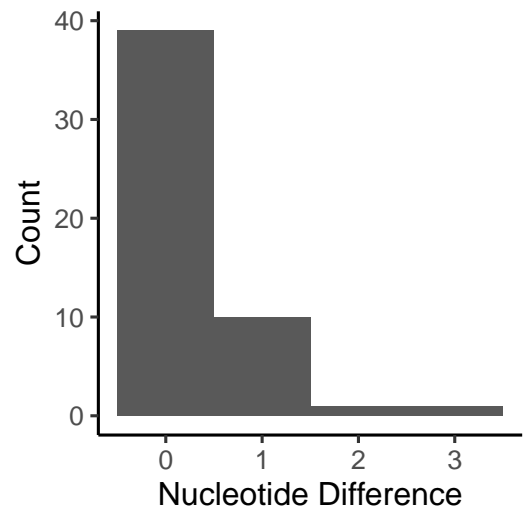
TRBV13*bp01

19 sequences assigned
12 (63.2%) exact matches, in which:
10 unique CDR3
5 unique J



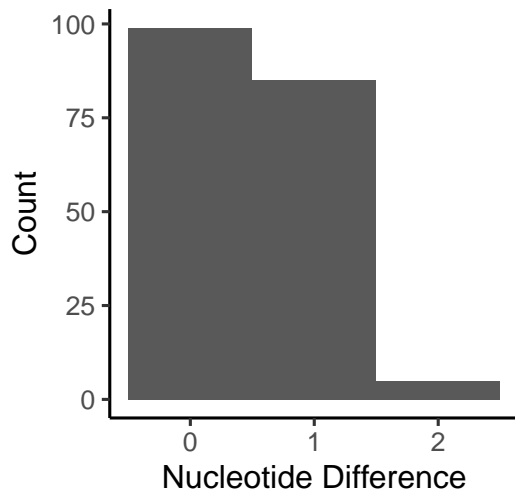
TRBV18*bp01

51 sequences assigned
39 (76.5%) exact matches, in which:
22 unique CDR3
9 unique J



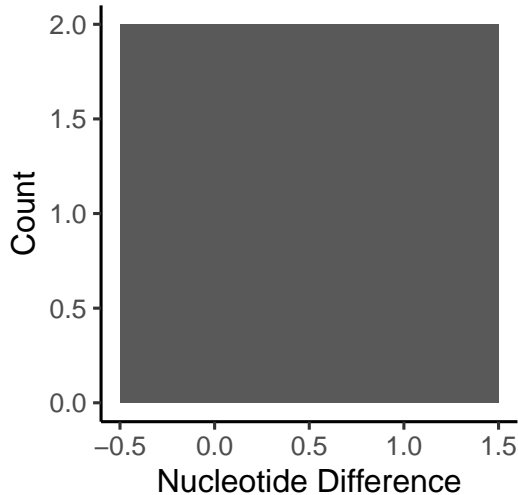
TRBV19*bp01

189 sequences assigned
99 (52.4%) exact matches, in which:
49 unique CDR3
7 unique J



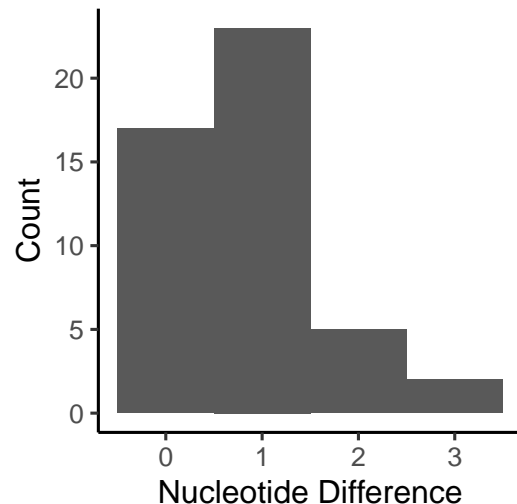
TRBV28*bp01

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



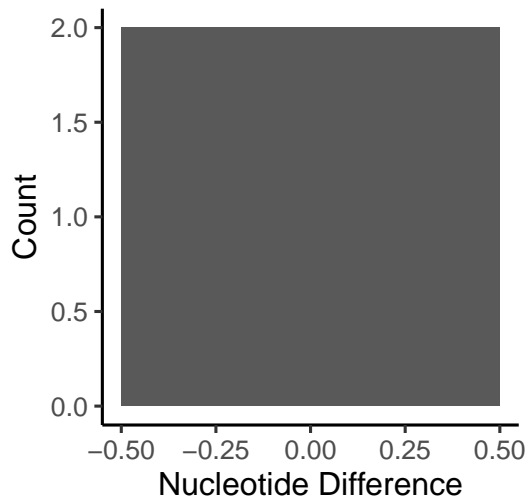
TRBV11-1*bp01

47 sequences assigned
17 (36.2%) exact matches, in which:
10 unique CDR3
6 unique J



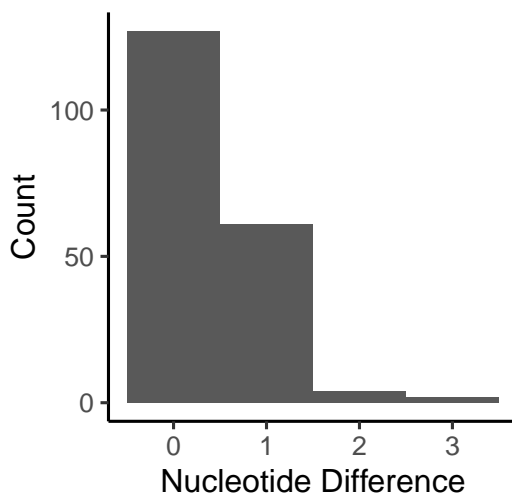
TRBV2*bp01

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



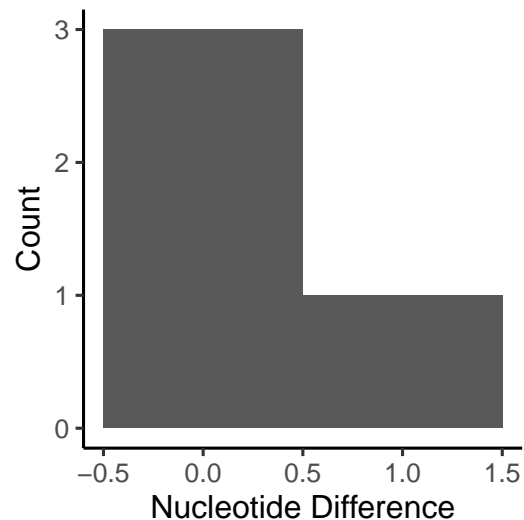
TRBV30*bp01

194 sequences assigned
127 (65.5%) exact matches, in which:
45 unique CDR3
6 unique J



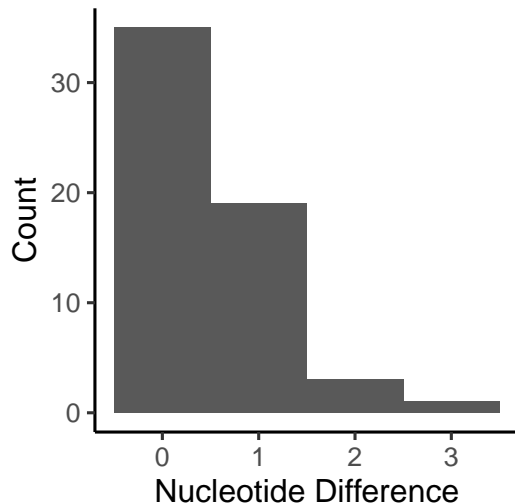
TRBV21-1*bp01

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



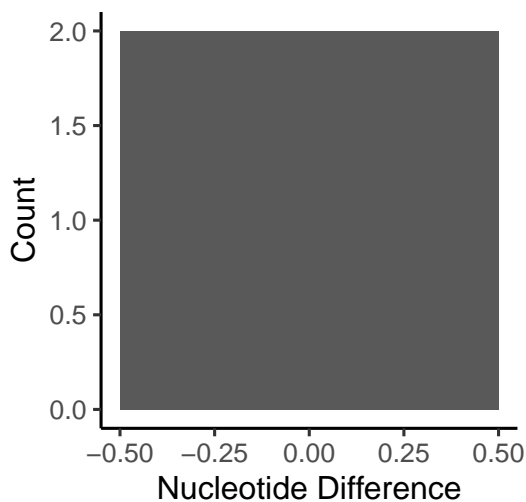
TRBV27*bp01

58 sequences assigned
35 (60.3%) exact matches, in which:
31 unique CDR3
10 unique J



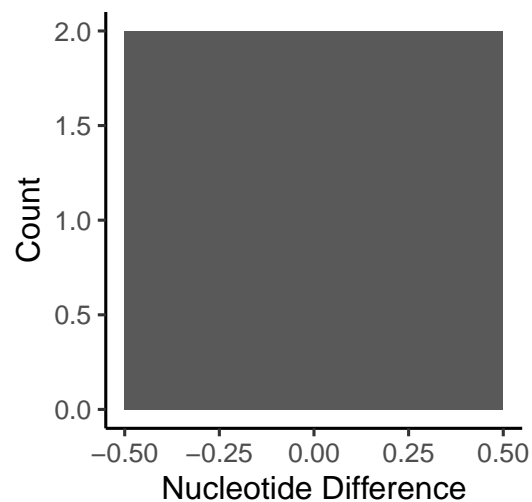
TRBV9*bp01

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



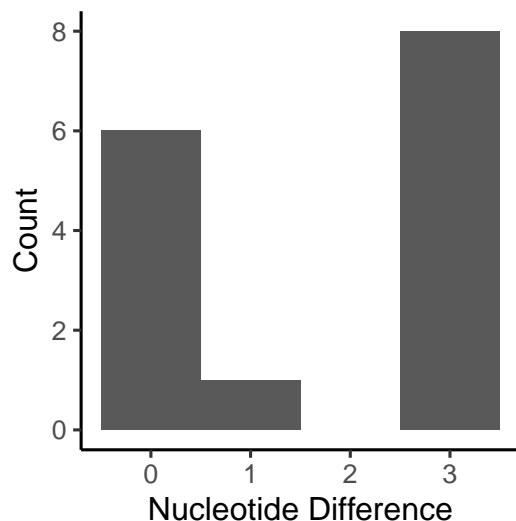
TRBV21-1*bp02

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



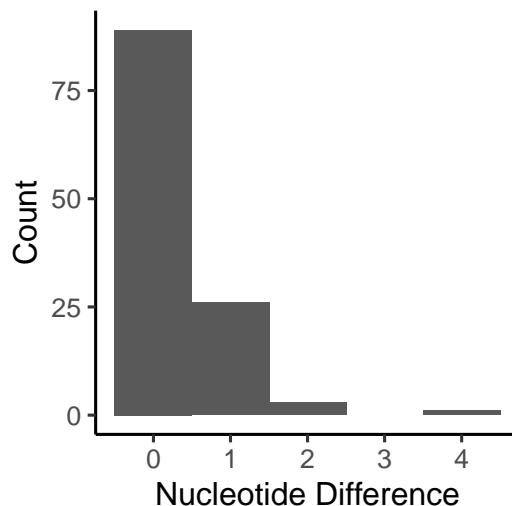
TRBV11–2*bp01

15 sequences assigned
6 (40%) exact matches, in which:
5 unique CDR3
3 unique J



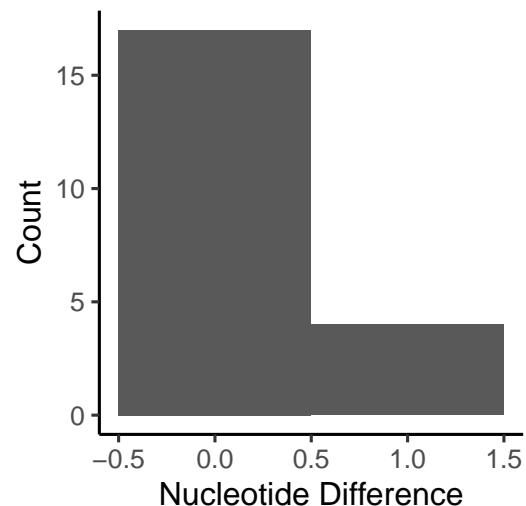
TRBV12–34*bp01

119 sequences assigned
89 (74.8%) exact matches, in which:
37 unique CDR3
10 unique J



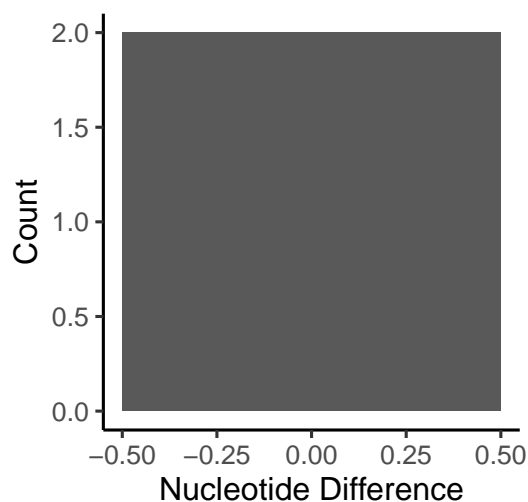
TRBV24–1*bp02

21 sequences assigned
17 (81%) exact matches, in which:
12 unique CDR3
7 unique J



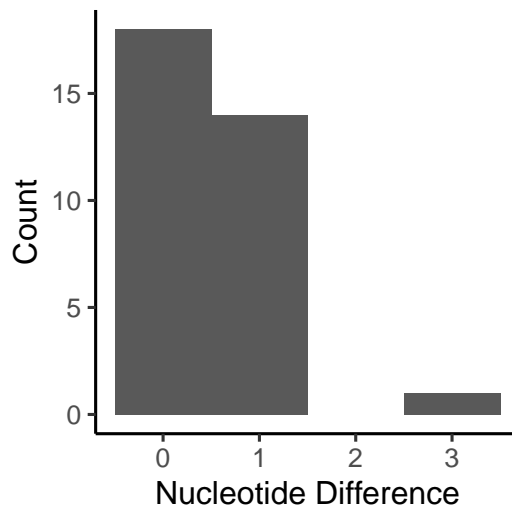
TRBV11–3*bp01

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



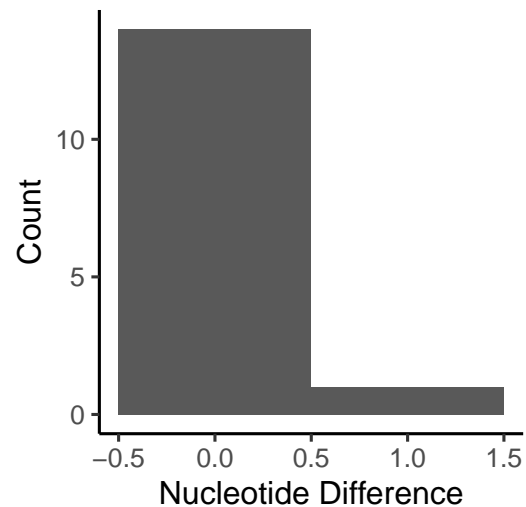
TRBV24–1*bp01

33 sequences assigned
18 (54.5%) exact matches, in which:
13 unique CDR3
5 unique J



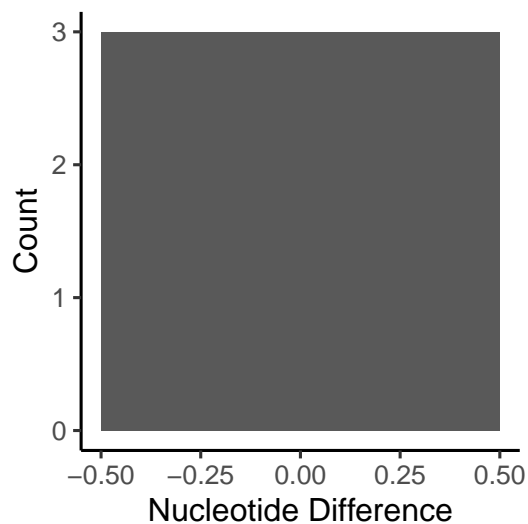
TRBV4–2*bp01

15 sequences assigned
14 (93.3%) exact matches, in which:
13 unique CDR3
8 unique J



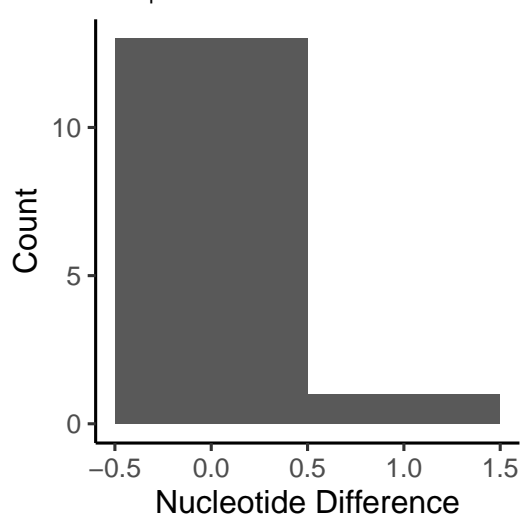
TRBV12–5*bp01

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



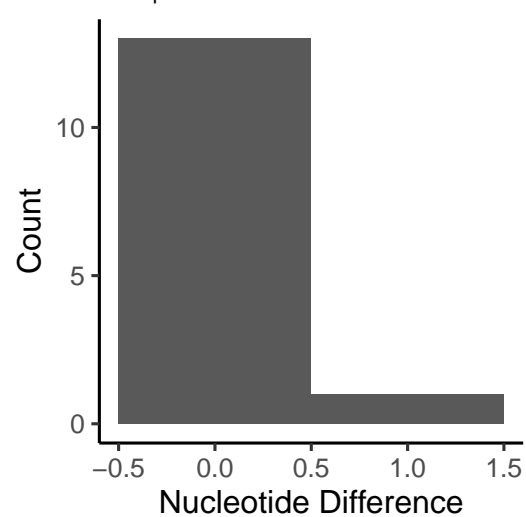
TRBV4–1*bp01

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



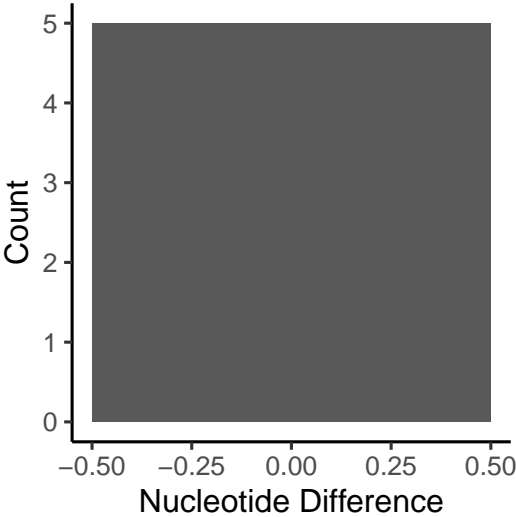
TRBV4–3*bp01

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



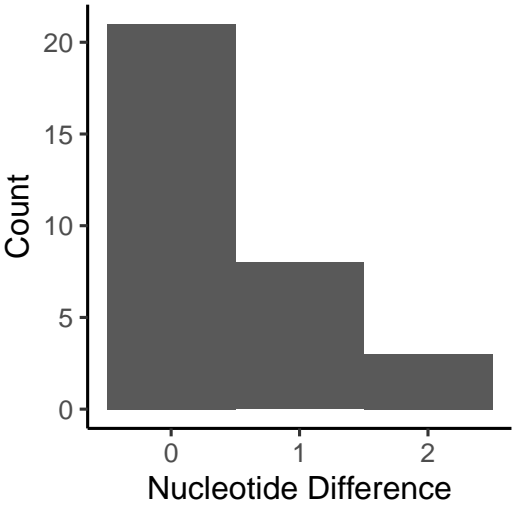
TRBV25–1*bp01

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



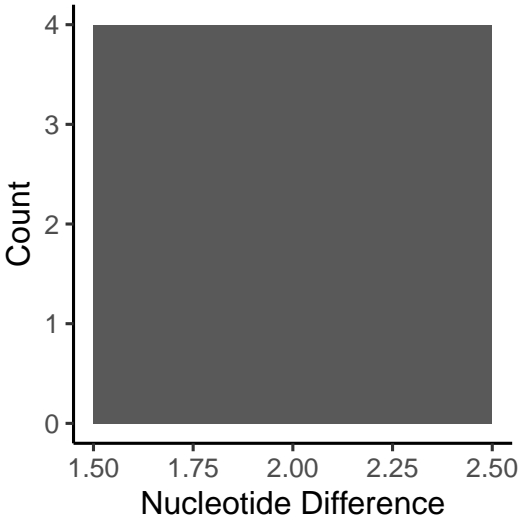
TRBV5–4*bp01

32 sequences assigned
21 (65.6%) exact matches, in which:
13 unique CDR3
8 unique J



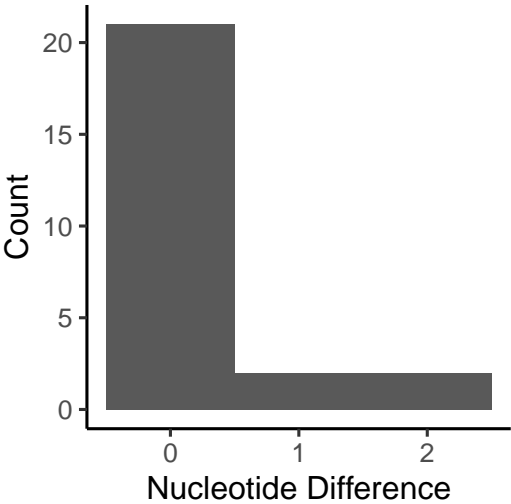
TRBV5–7*bp01

4 sequences assigned
No exact matches.



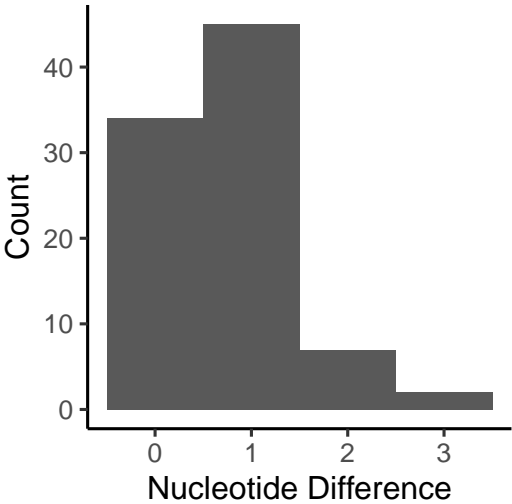
TRBV5–1*bp01

25 sequences assigned
21 (84%) exact matches, in which:
19 unique CDR3
9 unique J



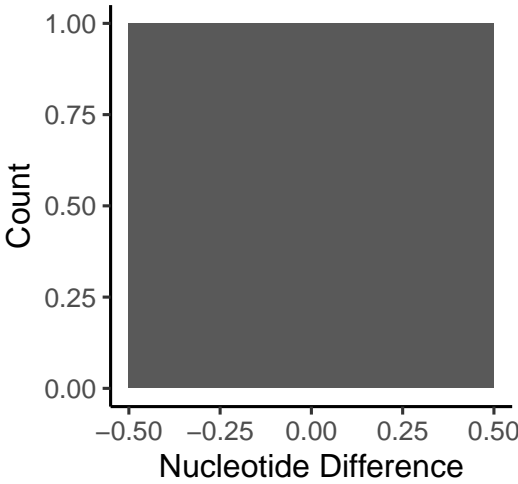
TRBV5–5*bp01

88 sequences assigned
34 (38.6%) exact matches, in which:
23 unique CDR3
9 unique J



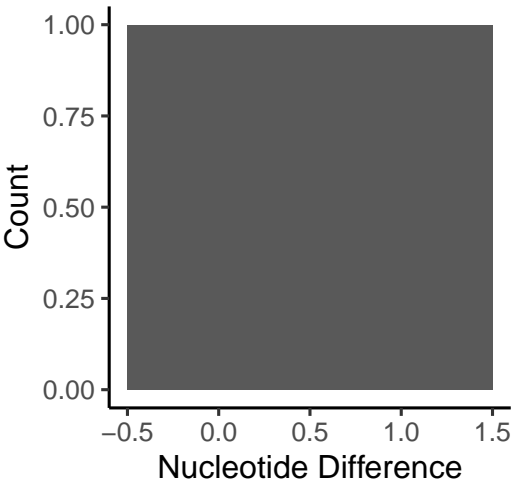
TRBV5–8*bp01

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



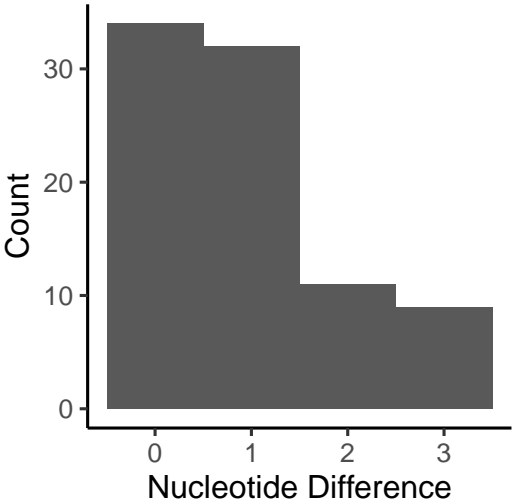
TRBV5–3*bp01

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



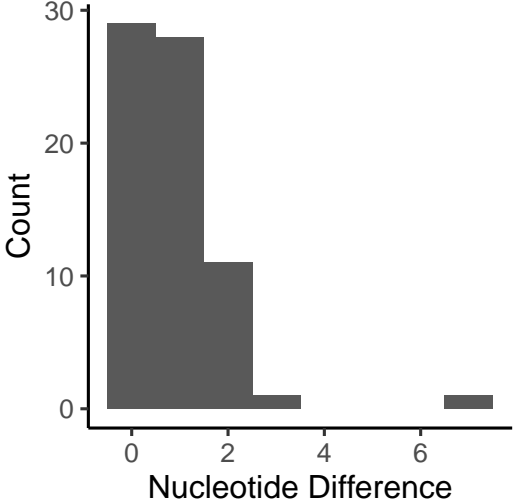
TRBV5–6*bp01

86 sequences assigned
34 (39.5%) exact matches, in which:
18 unique CDR3
9 unique J



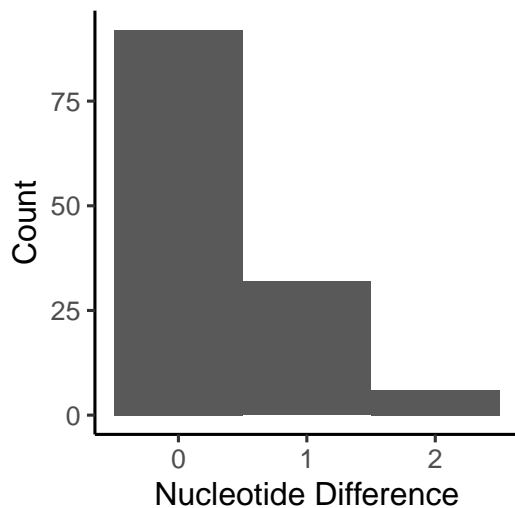
TRBV6–1*bp01

70 sequences assigned
29 (41.4%) exact matches, in which:
23 unique CDR3
6 unique J



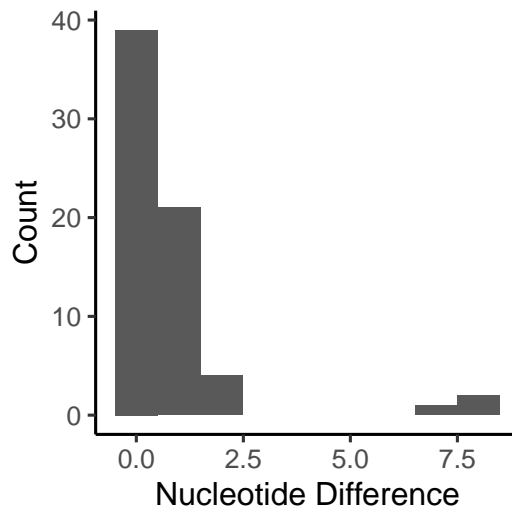
TRBV6-4*bp01

130 sequences assigned
92 (70.8%) exact matches, in which:
48 unique CDR3
7 unique J



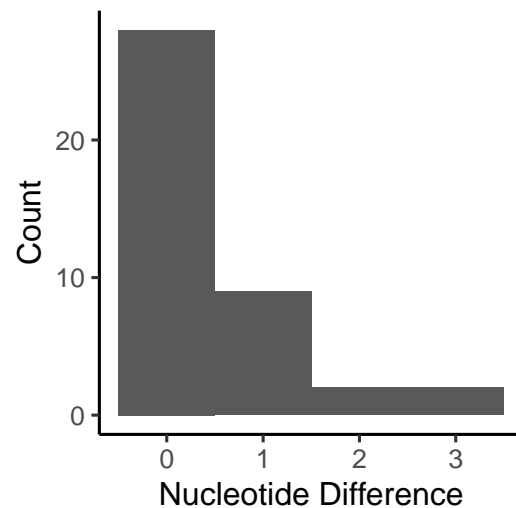
TRBV6-23*bp01

67 sequences assigned
39 (58.2%) exact matches, in which:
27 unique CDR3
7 unique J



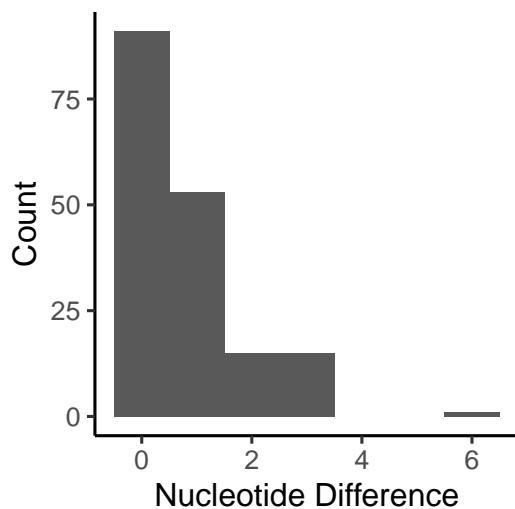
TRBV7-6*bp01

41 sequences assigned
28 (68.3%) exact matches, in which:
14 unique CDR3
6 unique J



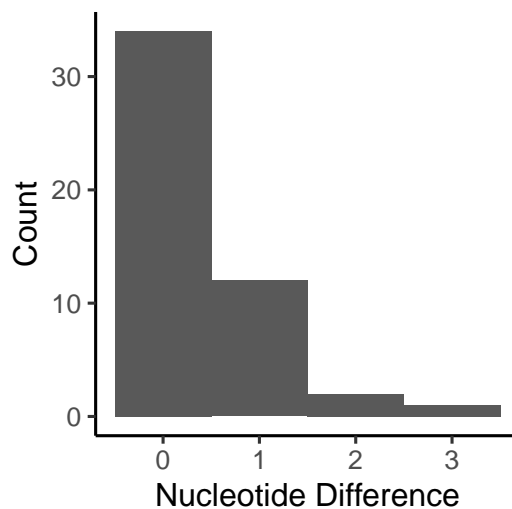
TRBV6-5*bp01

175 sequences assigned
91 (52%) exact matches, in which:
73 unique CDR3
12 unique J



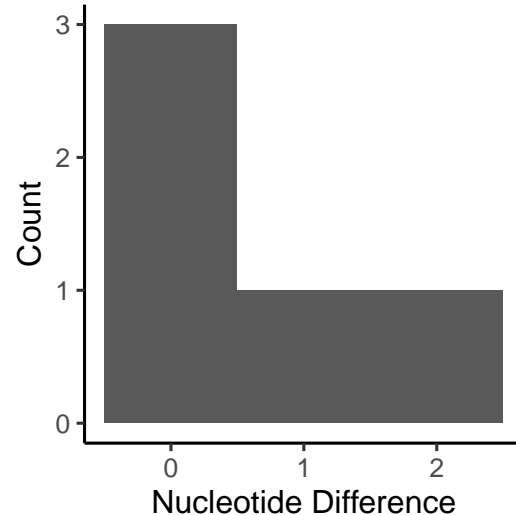
TRBV7-2*bp01

49 sequences assigned
34 (69.4%) exact matches, in which:
27 unique CDR3
11 unique J



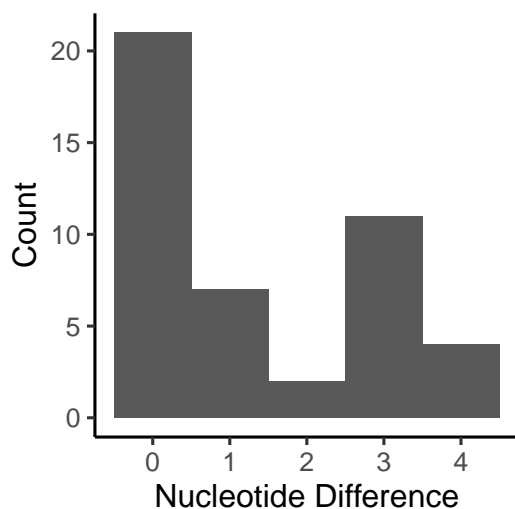
TRBV7-7*bp01

5 sequences assigned
3 (60%) exact matches, in which:
3 unique CDR3
3 unique J



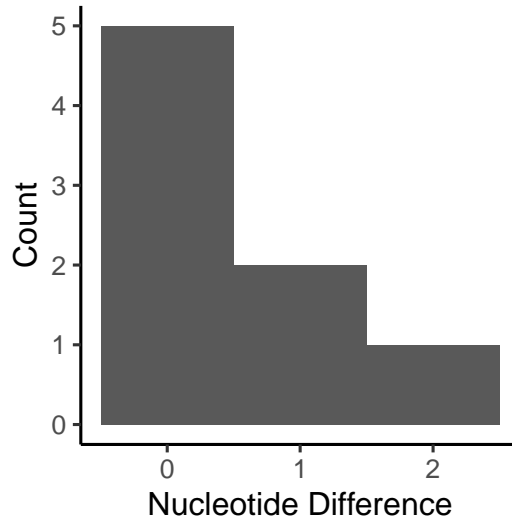
TRBV6-6*bp01

45 sequences assigned
21 (46.7%) exact matches, in which:
18 unique CDR3
8 unique J



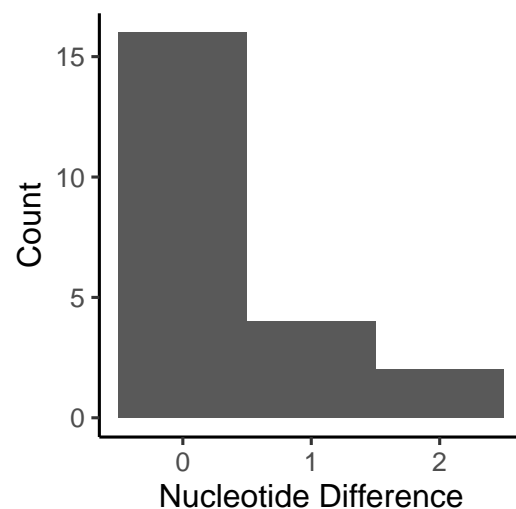
TRBV7-3*bp01

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



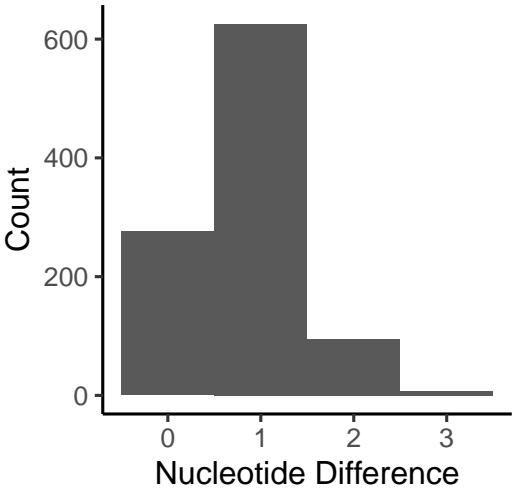
TRBV7-9*bp01

22 sequences assigned
16 (72.7%) exact matches, in which:
11 unique CDR3
8 unique J

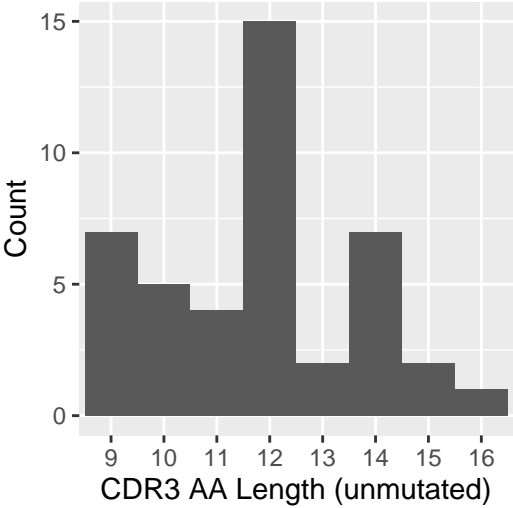


TRBV29–1*bp01

1005 sequences assigned
276 (27.5%) exact matches, in which:
143 unique CDR3
6 unique J



TRBV20-1*bp04_322GA323





[illegible]