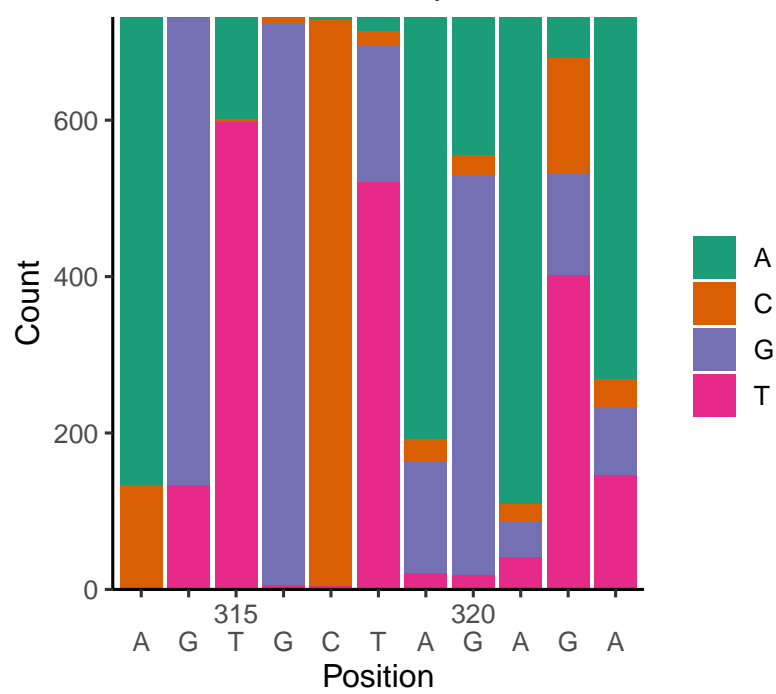
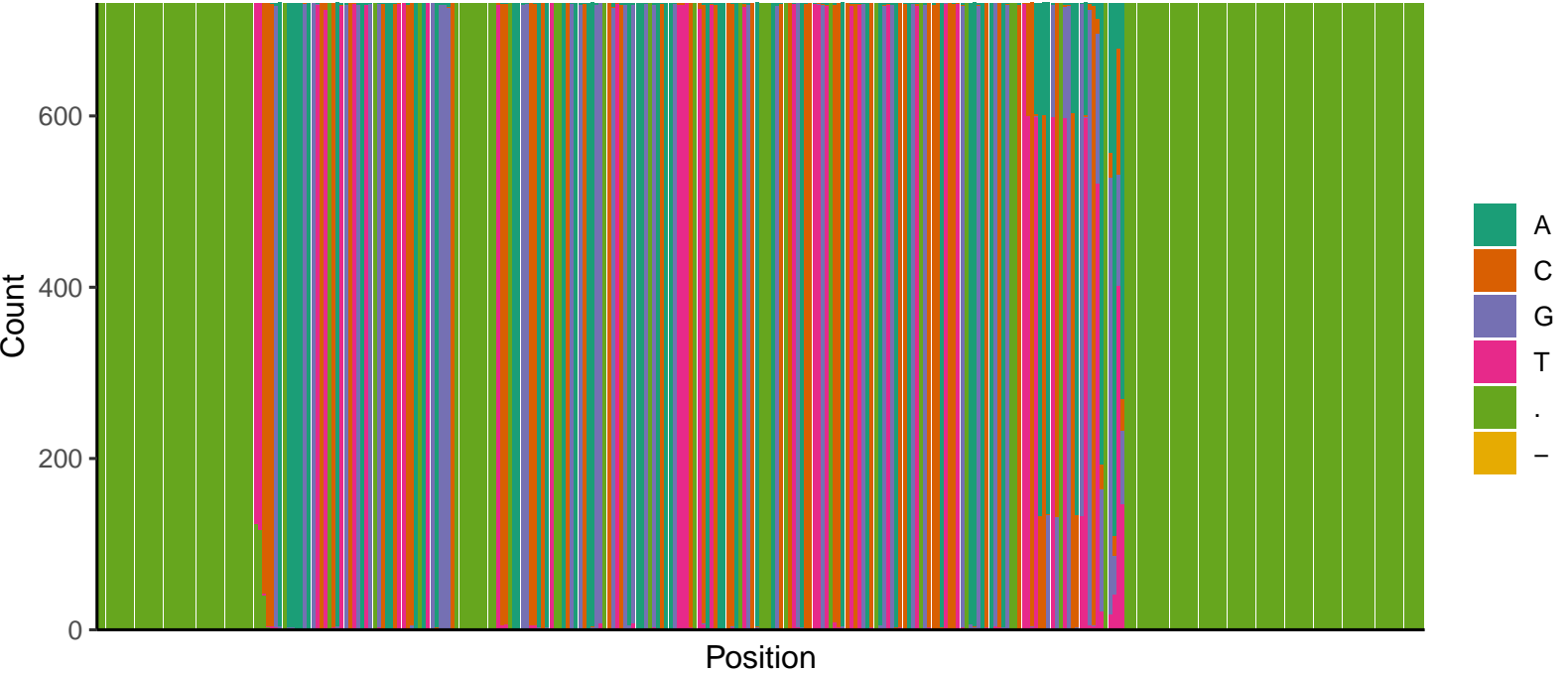


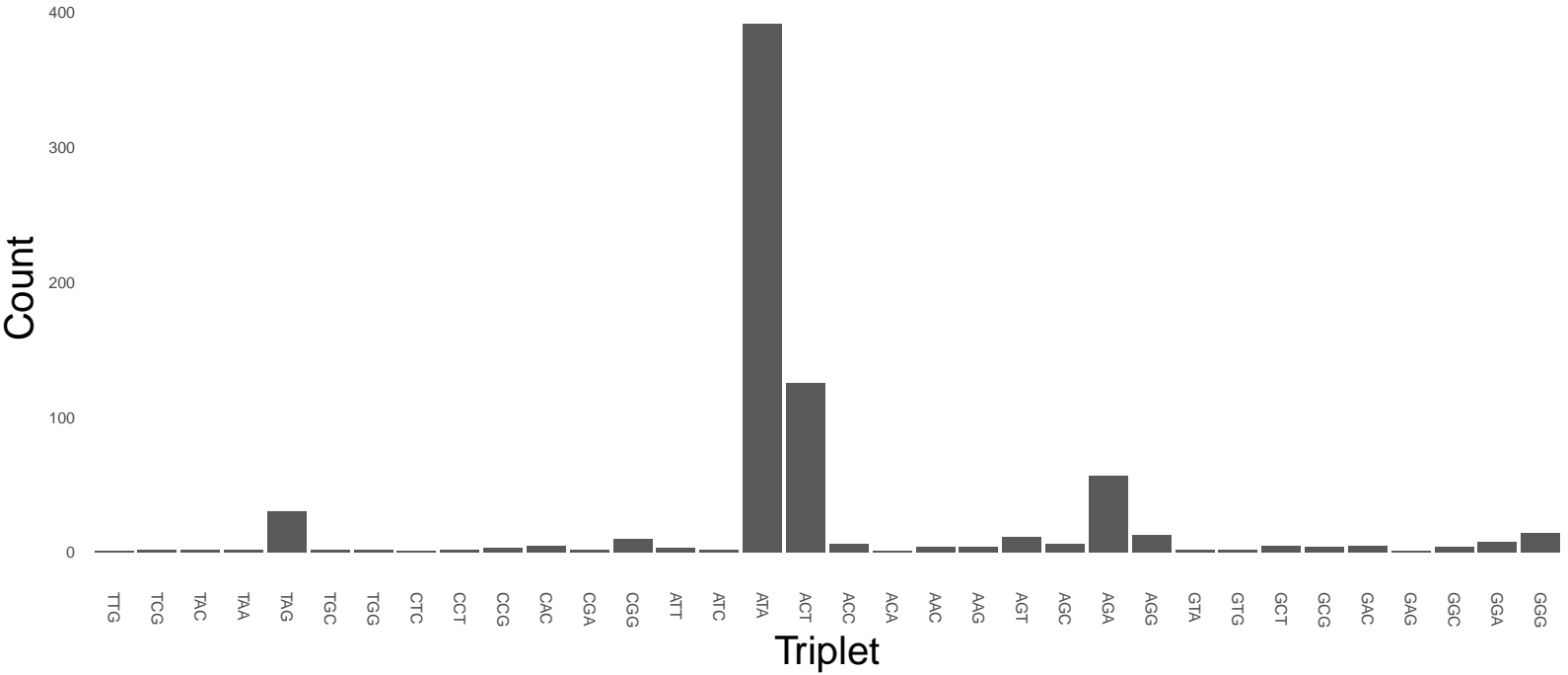
Gene TRBV20-1*bp04_322GA323



Gene TRBV20-1*bp04_322GA323

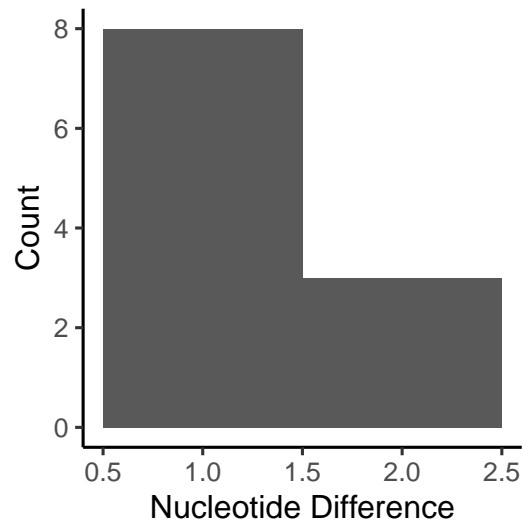


TRBV20-1*bp04_322GA323- Final 3 nucleotides as a triplet



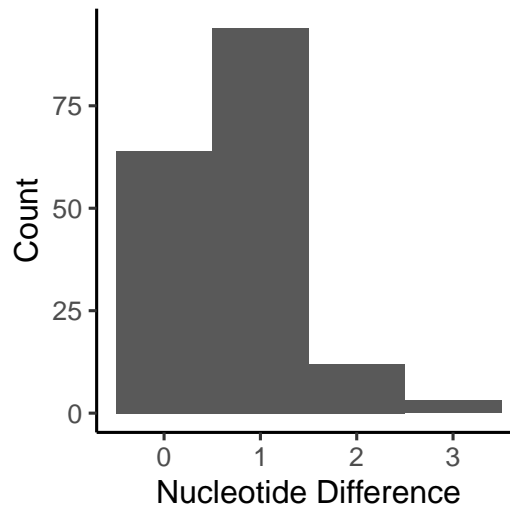
TRBV10–1*bp02

11 sequences assigned
No exact matches.



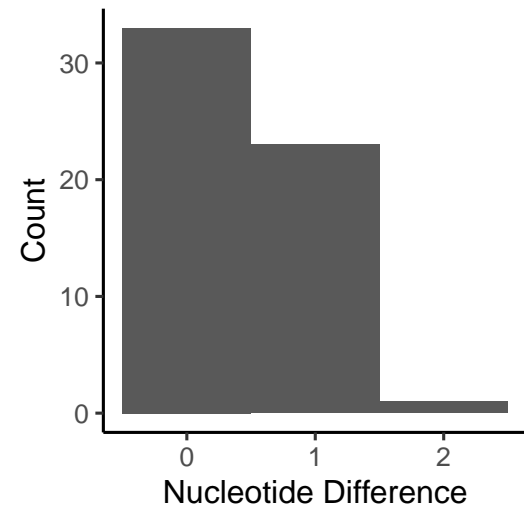
TRBV10–3*bp01

173 sequences assigned
64 (37%) exact matches, in which:
48 unique CDR3
9 unique J



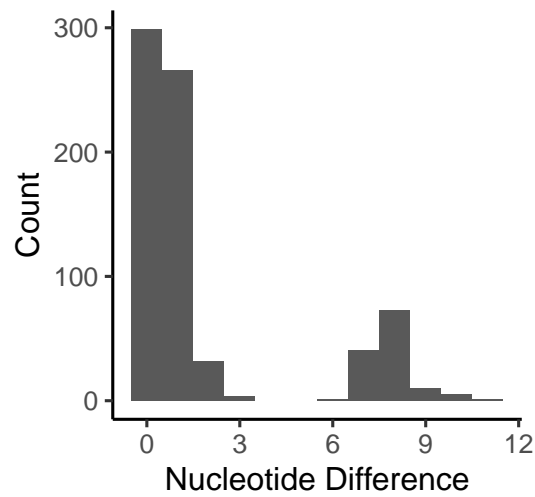
TRBV15*bp02

57 sequences assigned
33 (57.9%) exact matches, in which:
17 unique CDR3
6 unique J



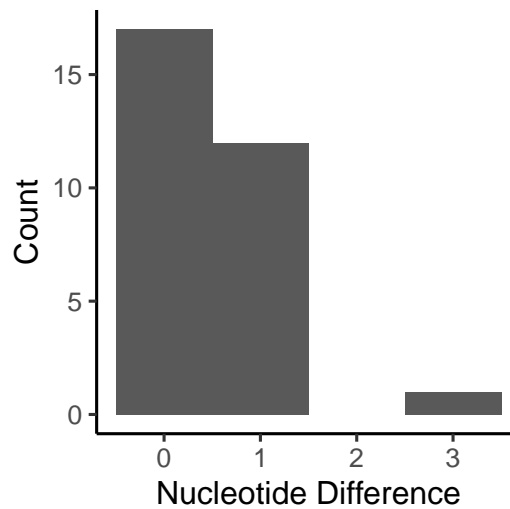
TRBV20–1*bp04_322GA:

732 sequences assigned
299 (40.8%) exact matches, in which:
153 unique CDR3
12 unique J



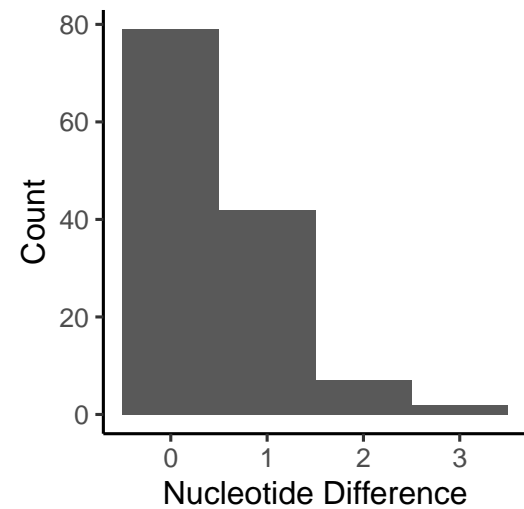
TRBV13*bp01

30 sequences assigned
17 (56.7%) exact matches, in which:
12 unique CDR3
4 unique J



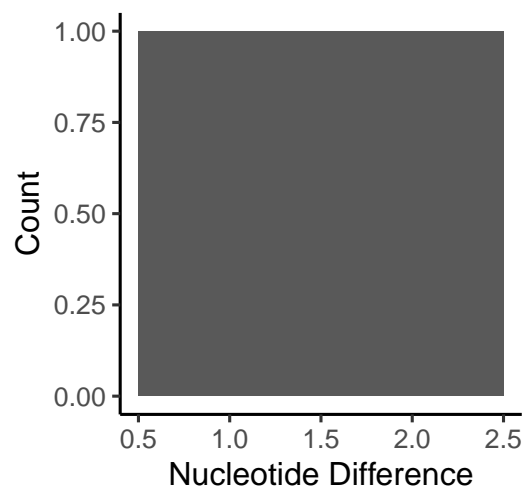
TRBV18*bp01

130 sequences assigned
79 (60.8%) exact matches, in which:
40 unique CDR3
9 unique J



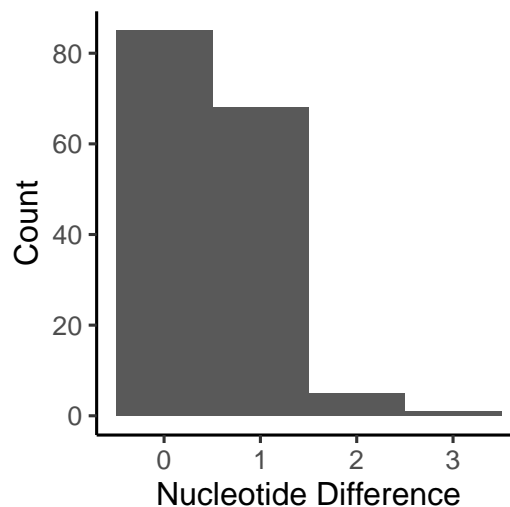
TRBV10–2*bp01

2 sequences assigned
No exact matches.



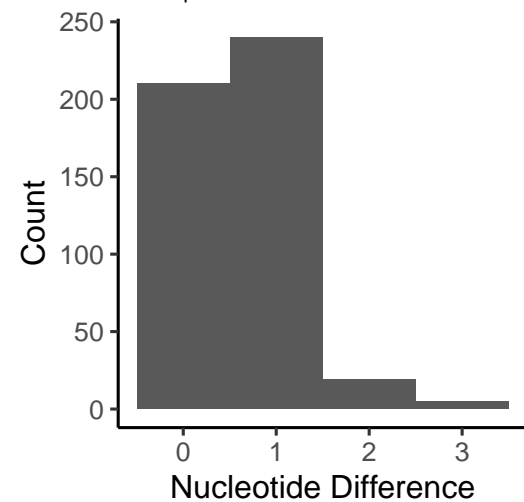
TRBV14*bp01

159 sequences assigned
85 (53.5%) exact matches, in which:
66 unique CDR3
9 unique J



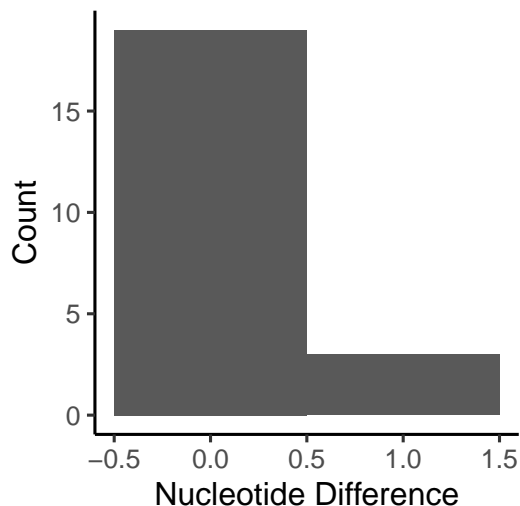
TRBV19*bp01

474 sequences assigned
210 (44.3%) exact matches, in which:
141 unique CDR3
12 unique J



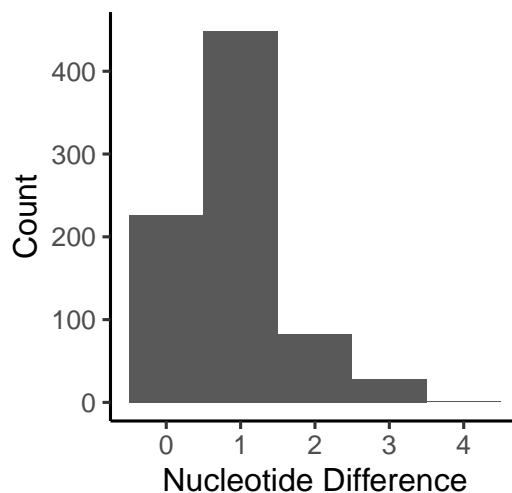
TRBV2*bp01

22 sequences assigned
19 (86.4%) exact matches, in which:
17 unique CDR3
9 unique J



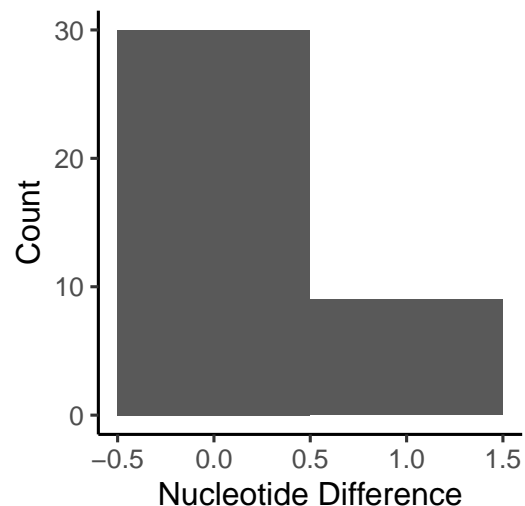
TRBV30*bp01

787 sequences assigned
226 (28.7%) exact matches, in which:
116 unique CDR3
10 unique J



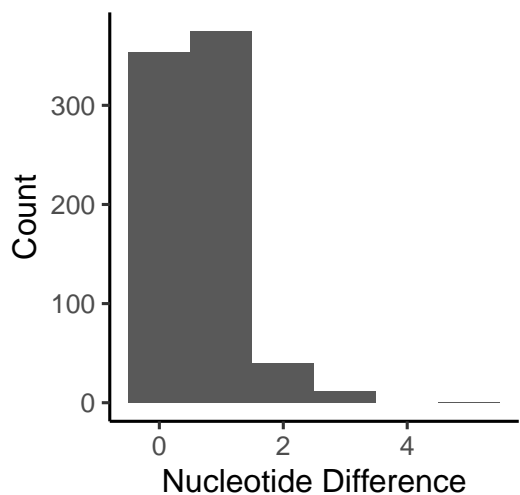
TRBV21-1*bp01

39 sequences assigned
30 (76.9%) exact matches, in which:
21 unique CDR3
10 unique J



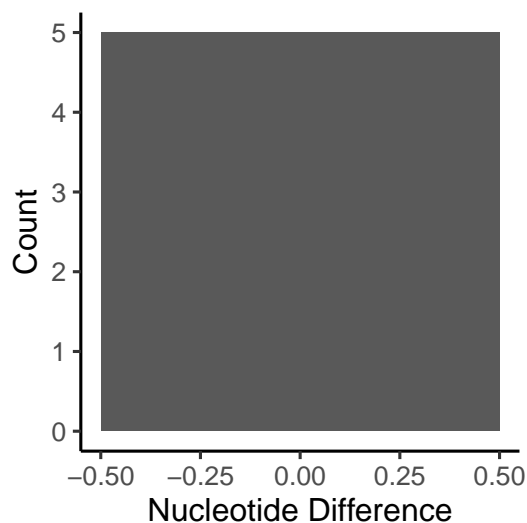
TRBV27*bp01

782 sequences assigned
354 (45.3%) exact matches, in which:
237 unique CDR3
12 unique J



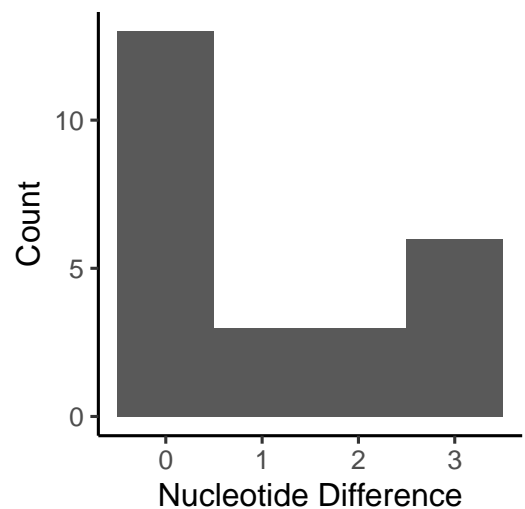
TRBV9*bp01

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



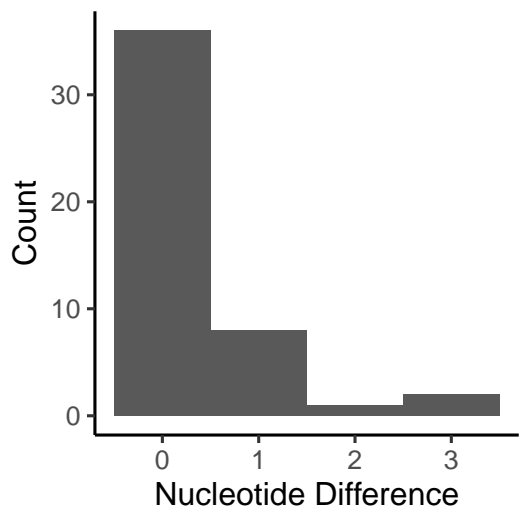
TRBV11-2*bp01

25 sequences assigned
13 (52%) exact matches, in which:
11 unique CDR3
5 unique J



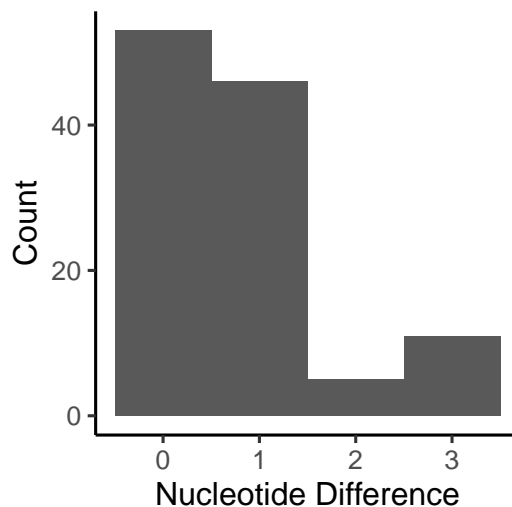
TRBV28*bp01

47 sequences assigned
36 (76.6%) exact matches, in which:
30 unique CDR3
10 unique J



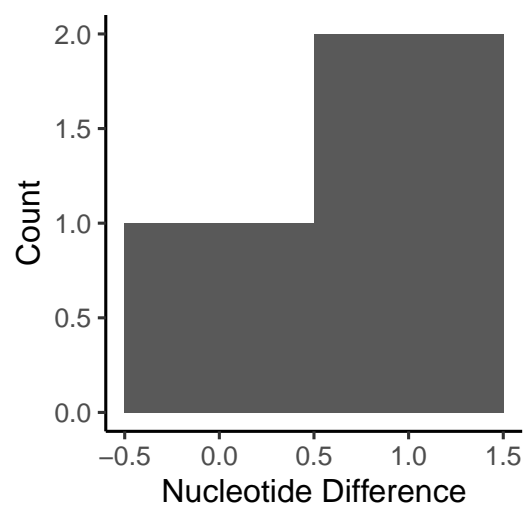
TRBV11-1*bp01

115 sequences assigned
53 (46.1%) exact matches, in which:
30 unique CDR3
9 unique J



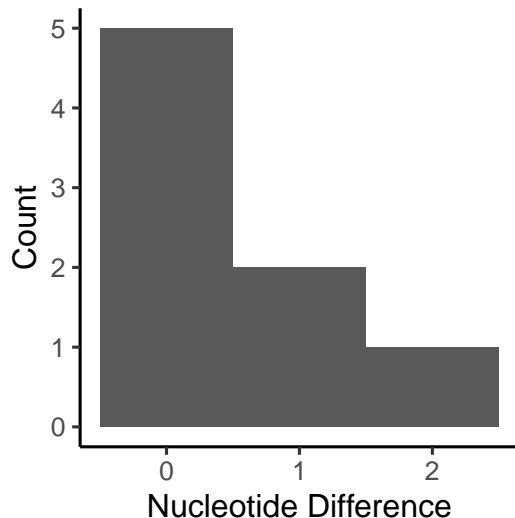
TRBV11-3*bp01

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



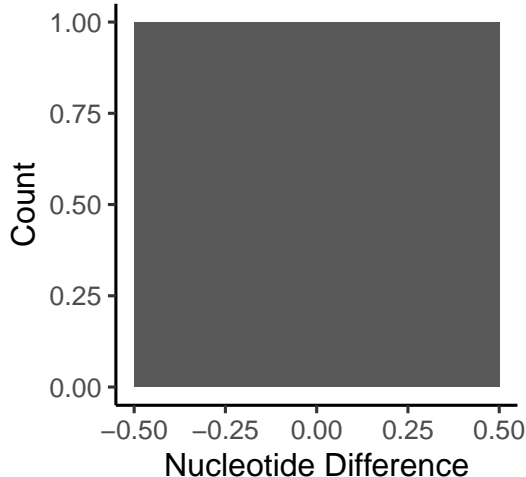
TRBV12–5*bp01

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



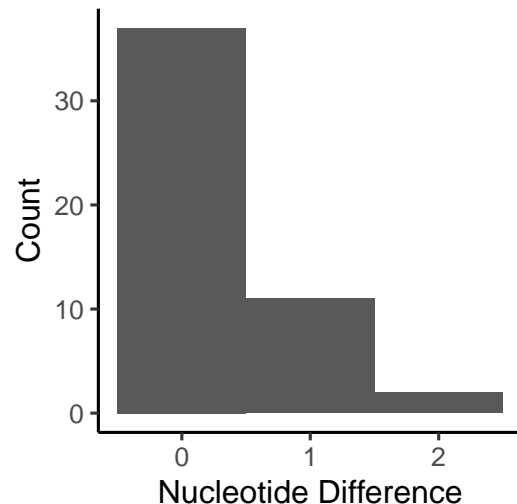
TRBV3–2*bp02

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



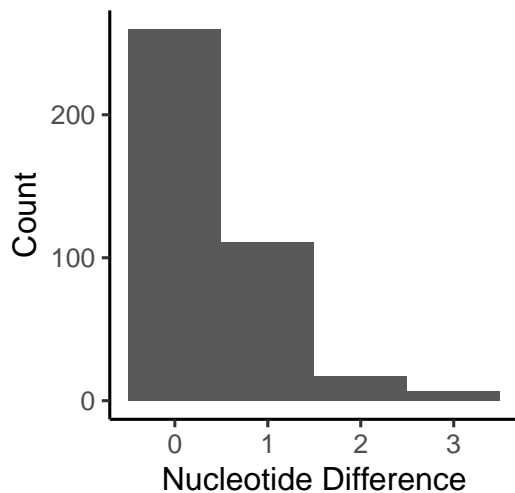
TRBV4–2*bp01

50 sequences assigned
37 (74%) exact matches, in which:
26 unique CDR3
6 unique J



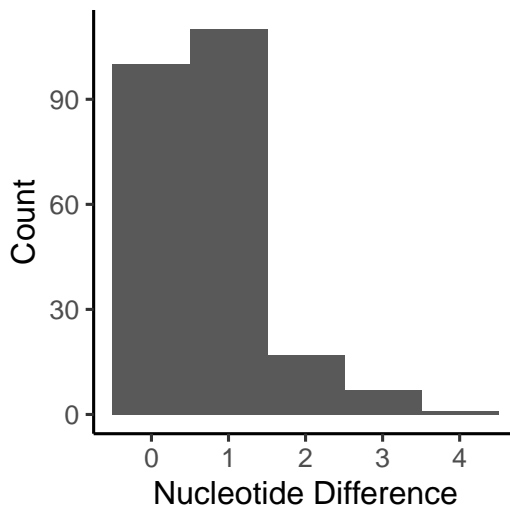
TRBV12–34*bp01

395 sequences assigned
260 (65.8%) exact matches, in which:
132 unique CDR3
12 unique J



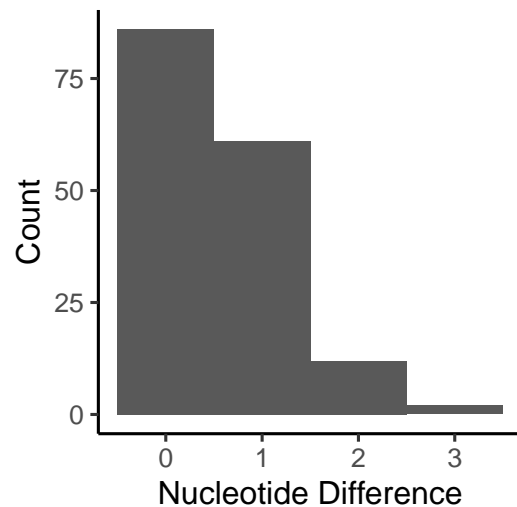
TRBV24–1*bp01

235 sequences assigned
100 (42.6%) exact matches, in which:
67 unique CDR3
7 unique J



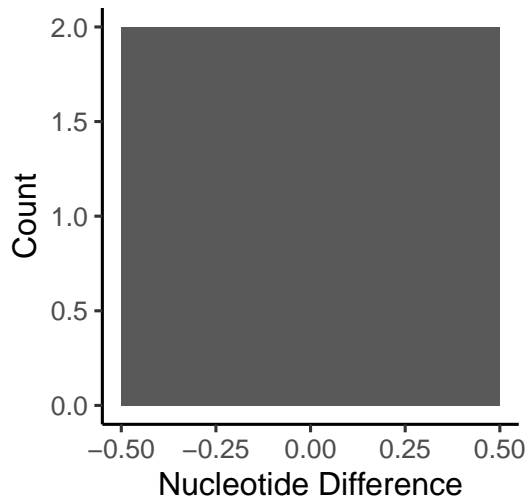
TRBV4–3*bp01

161 sequences assigned
86 (53.4%) exact matches, in which:
64 unique CDR3
9 unique J



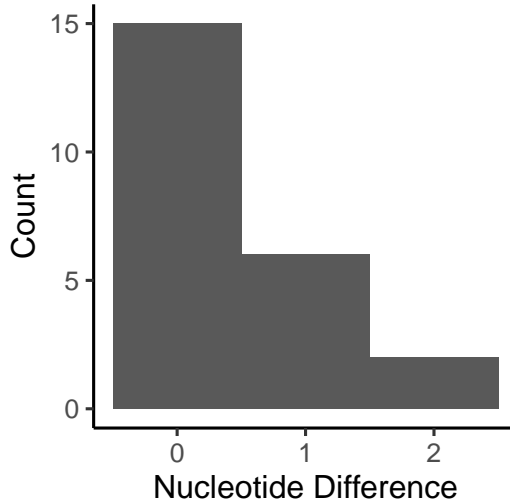
TRBV23–1*bp01

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



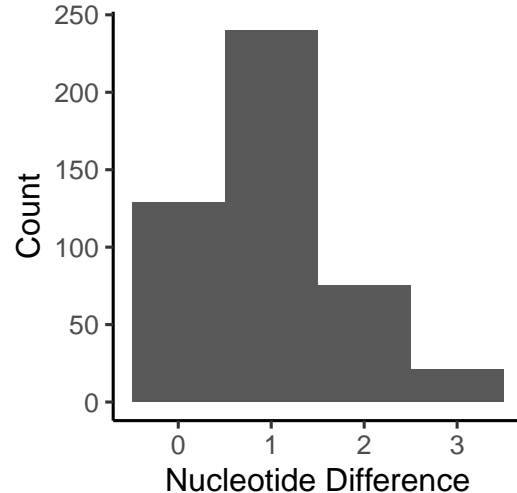
TRBV4–1*bp01

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



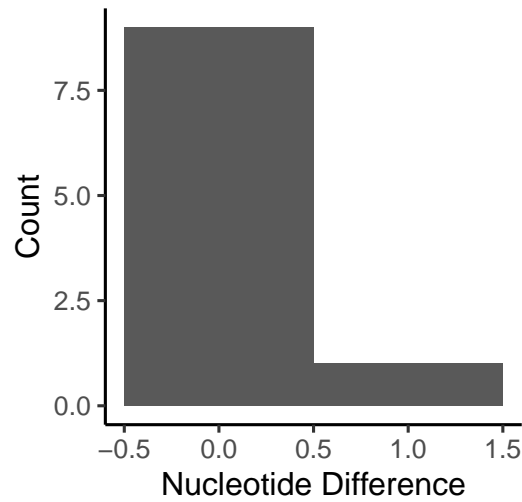
TRBV5–1*bp01

465 sequences assigned
129 (27.7%) exact matches, in which:
91 unique CDR3
9 unique J



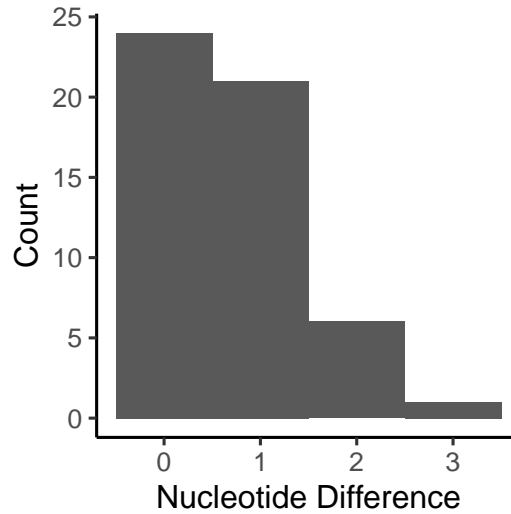
TRBV25-1*bp01

10 sequences assigned
9 (90%) exact matches, in which:
5 unique CDR3
3 unique J



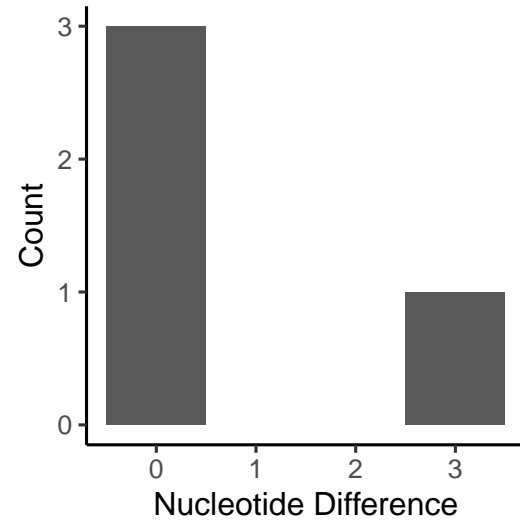
TRBV5-5*bp01

52 sequences assigned
24 (46.2%) exact matches, in which:
14 unique CDR3
8 unique J



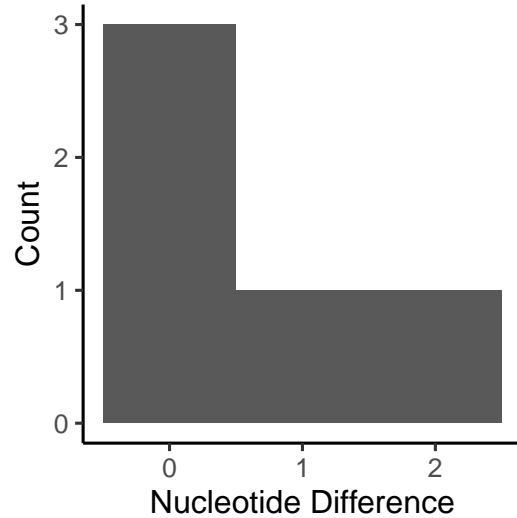
TRBV5-8*bp01

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



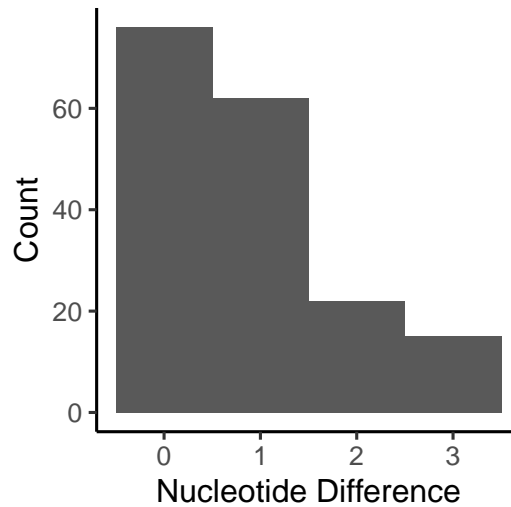
TRBV5-3*bp01

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



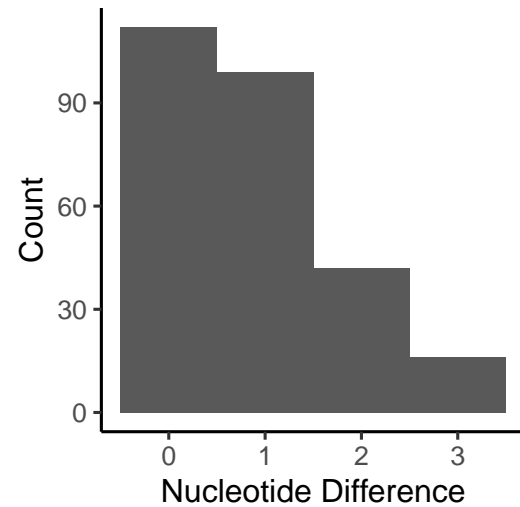
TRBV5-6*bp01

175 sequences assigned
76 (43.4%) exact matches, in which:
54 unique CDR3
11 unique J



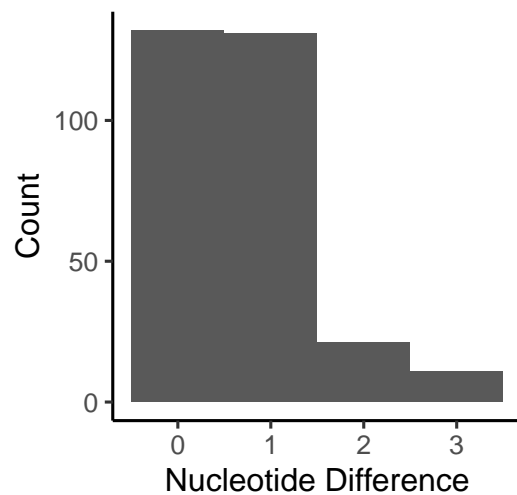
TRBV6-1*bp01

270 sequences assigned
112 (41.5%) exact matches, in which:
85 unique CDR3
11 unique J



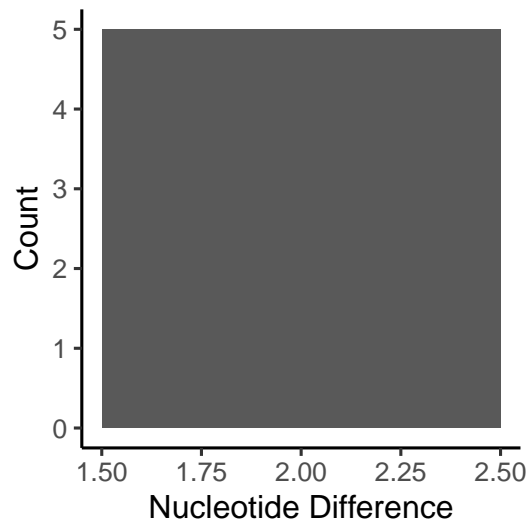
TRBV5-4*bp01

295 sequences assigned
132 (44.7%) exact matches, in which:
84 unique CDR3
10 unique J



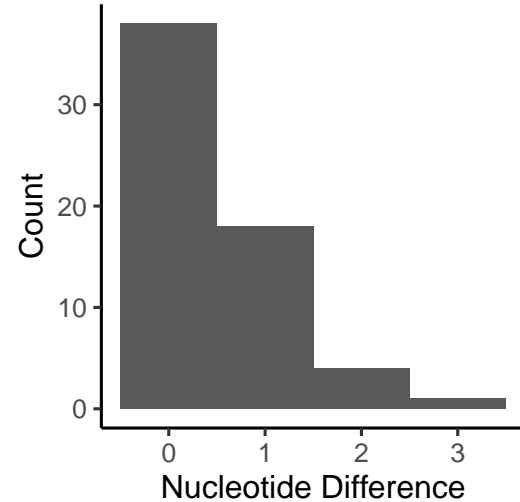
TRBV5-7*bp01

5 sequences assigned
No exact matches.



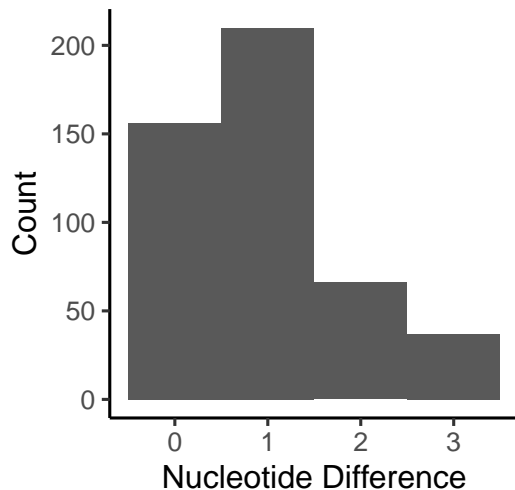
TRBV6-4*bp01

61 sequences assigned
38 (62.3%) exact matches, in which:
27 unique CDR3
9 unique J



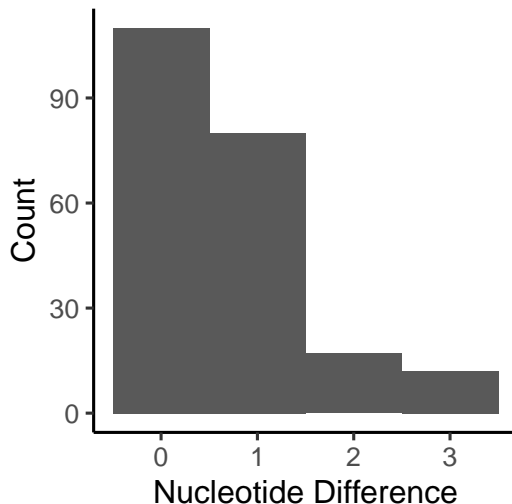
TRBV6–5*bp01

469 sequences assigned
156 (33.3%) exact matches, in which:
109 unique CDR3
12 unique J



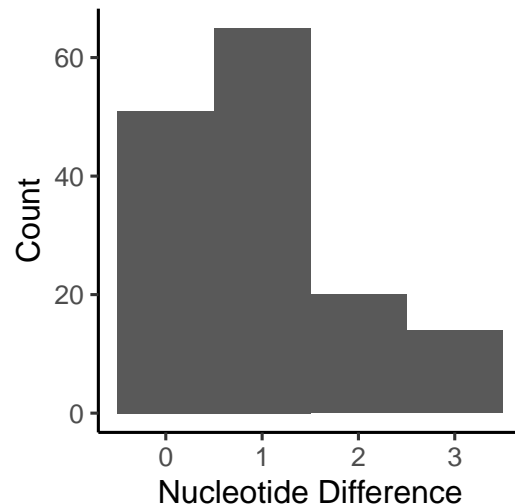
TRBV7–2*bp01

219 sequences assigned
110 (50.2%) exact matches, in which:
77 unique CDR3
12 unique J



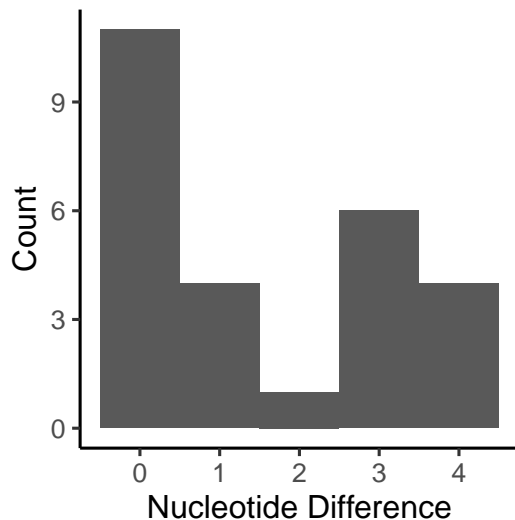
TRBV7–6*bp01

150 sequences assigned
51 (34%) exact matches, in which:
28 unique CDR3
6 unique J



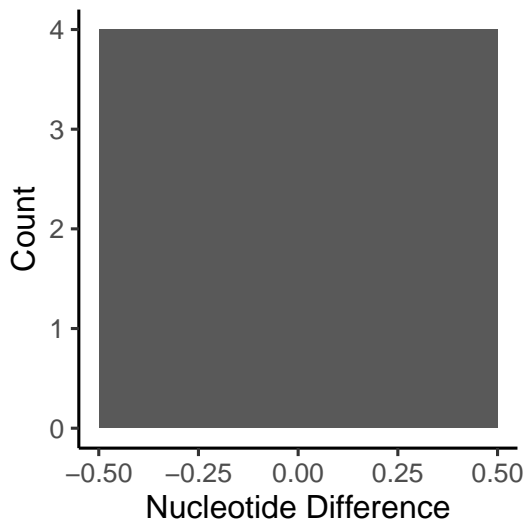
TRBV6–6*bp01

26 sequences assigned
11 (42.3%) exact matches, in which:
10 unique CDR3
7 unique J



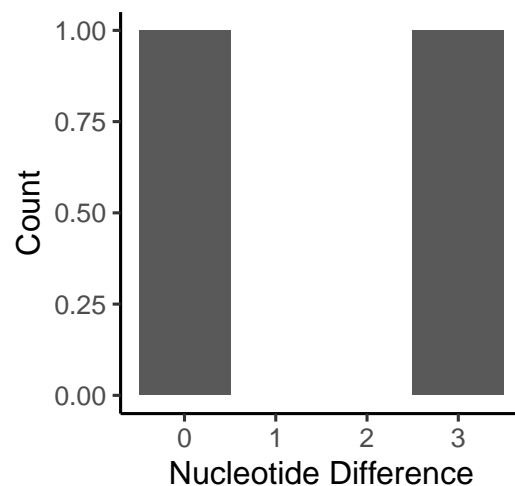
TRBV7–3*bp01

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



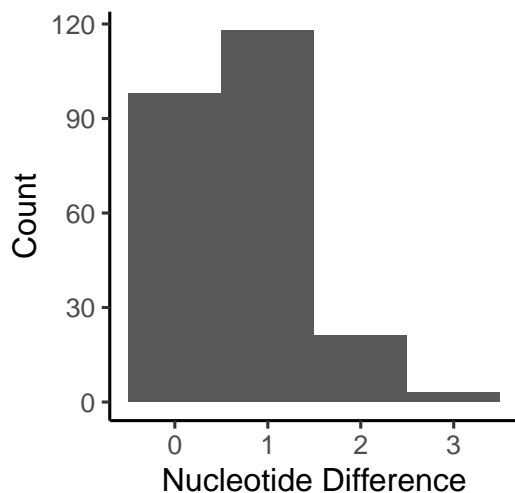
TRBV7–7*bp01

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



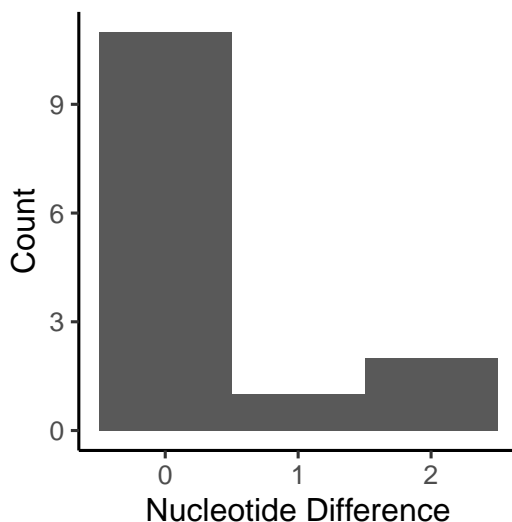
TRBV6–23*bp01

240 sequences assigned
98 (40.8%) exact matches, in which:
76 unique CDR3
11 unique J



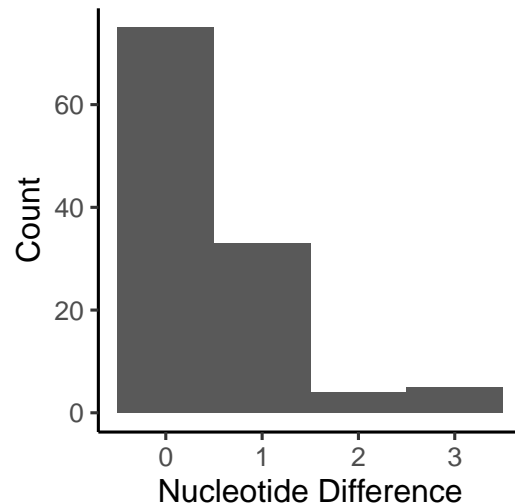
TRBV7–4*bp01

14 sequences assigned
11 (78.6%) exact matches, in which:
6 unique CDR3
4 unique J



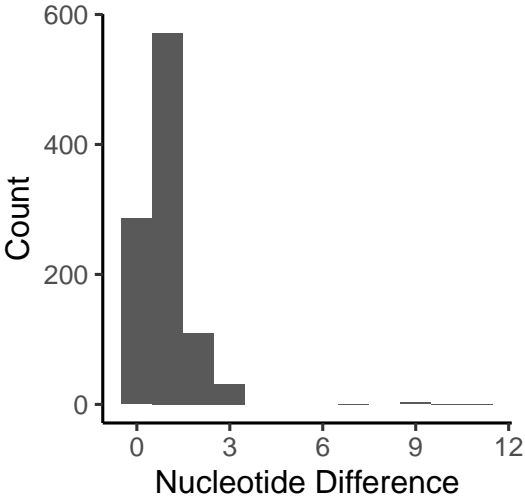
TRBV7–9*bp01

117 sequences assigned
75 (64.1%) exact matches, in which:
51 unique CDR3
9 unique J

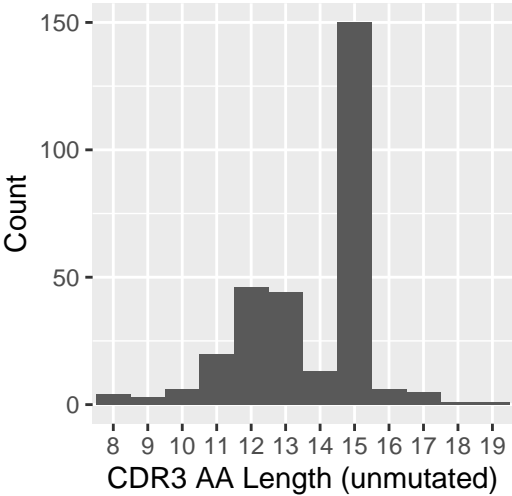


TRBV29-1*bp01

1006 sequences assigned
286 (28.4%) exact matches, in which:
147 unique CDR3
11 unique J



TRBV20-1*bp04_322GA323





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