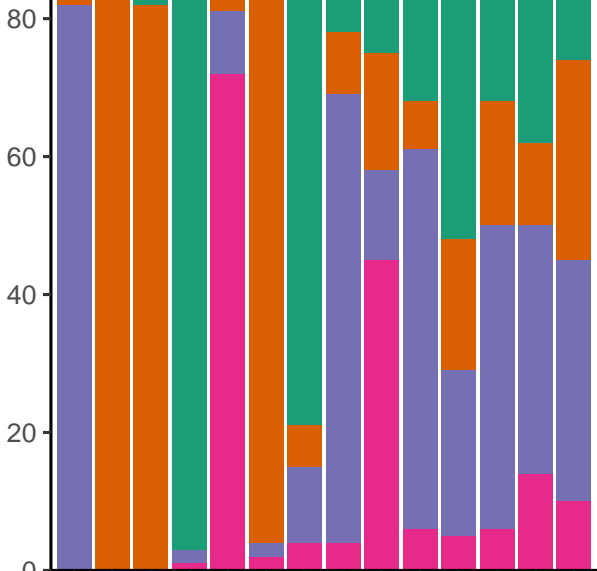


Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326

Count

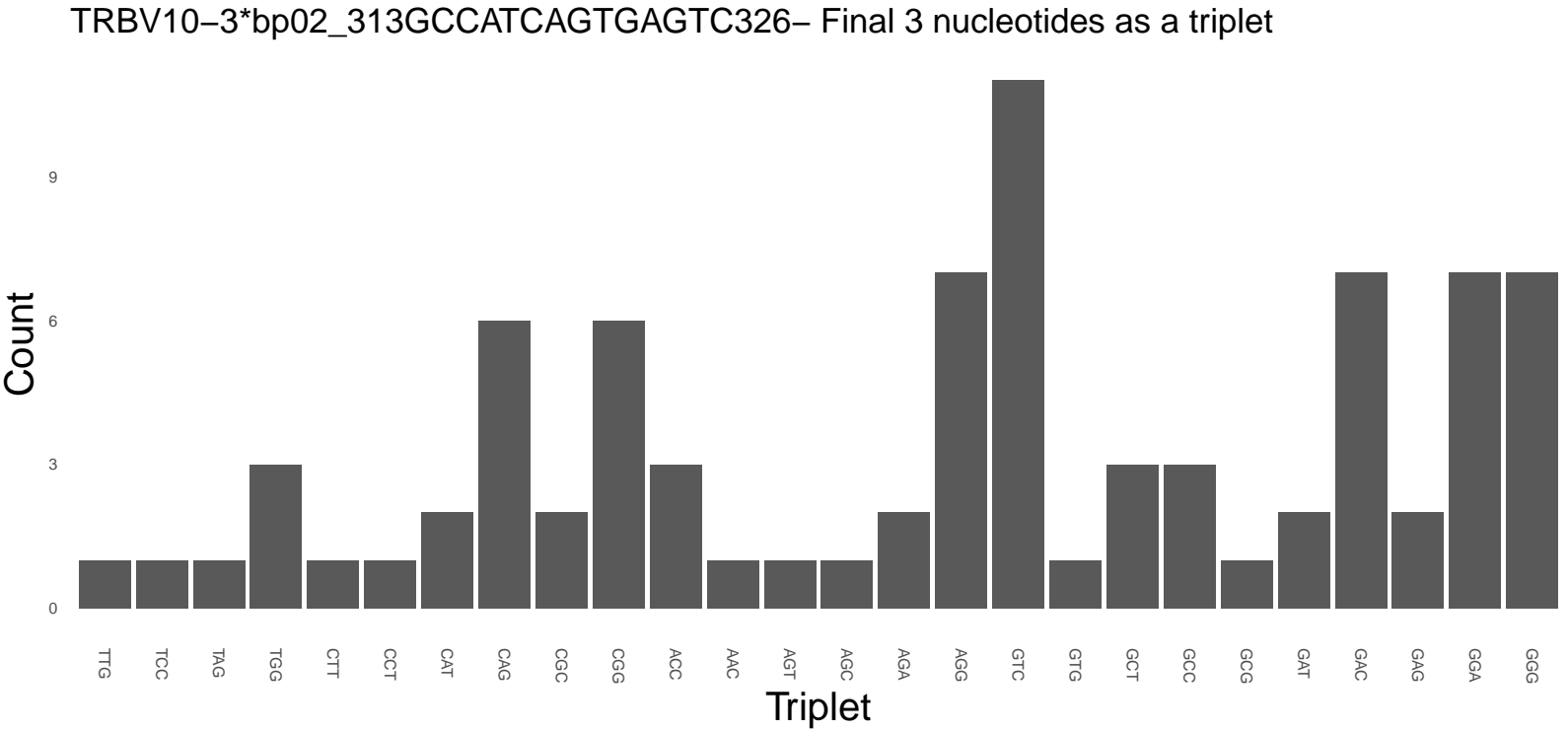
- A
- C
- G
- T

315 320 325
G C C A T C A G T G A G T C
Position



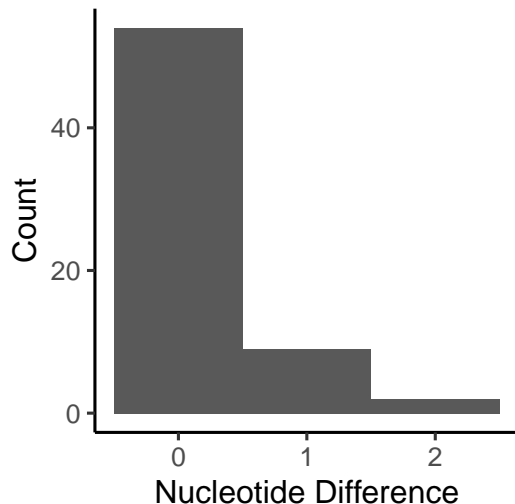
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326





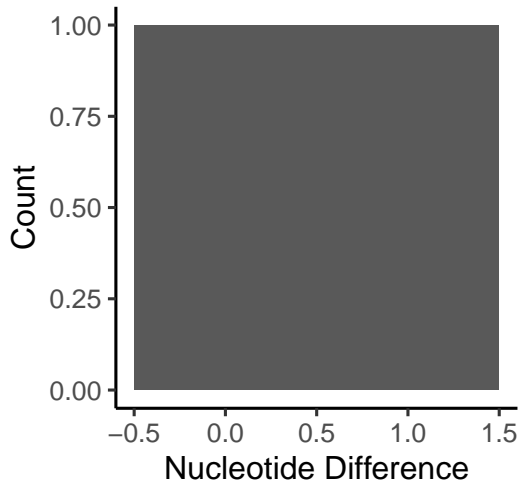
TRBV20–1*bp01

65 sequences assigned
54 (83.1%) exact matches, in which:
37 unique CDR3
13 unique J



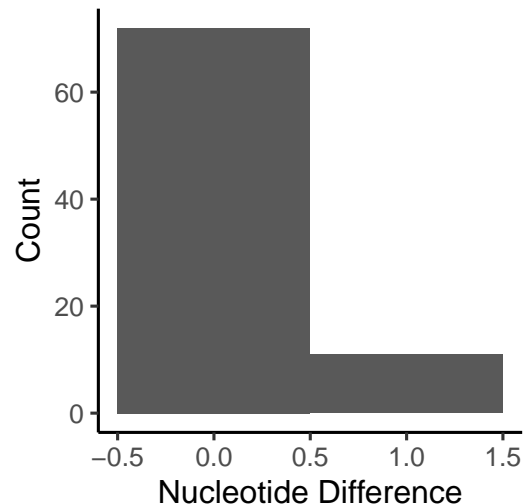
TRBV10–2*bp01

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



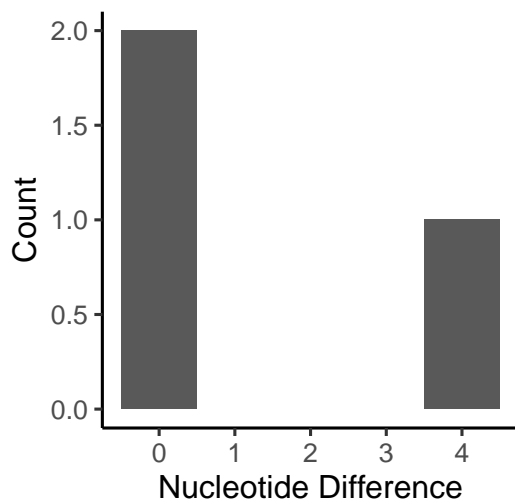
TRBV10–3*bp02_313GCC

83 sequences assigned
72 (86.7%) exact matches, in which:
58 unique CDR3
14 unique J



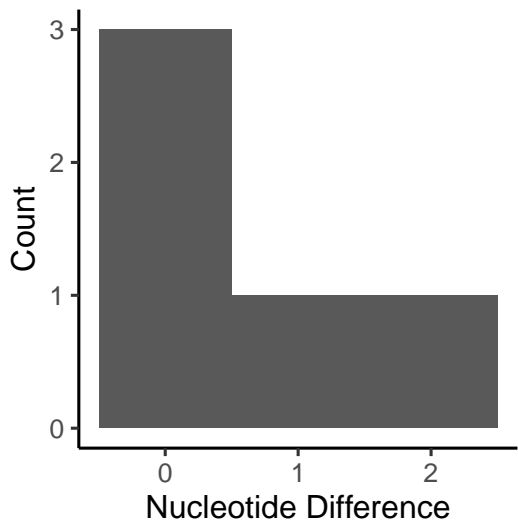
TRBV10–1*bp01

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



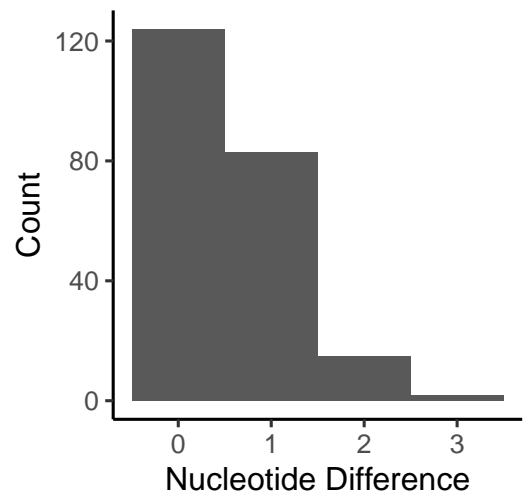
TRBV10–2*bp02

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



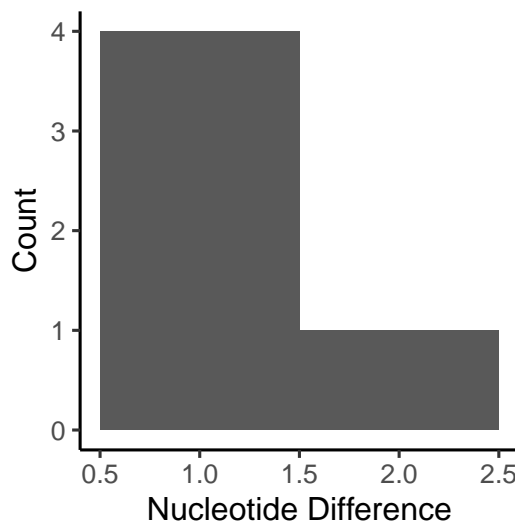
TRBV13*bp01

224 sequences assigned
124 (55.4%) exact matches, in which:
91 unique CDR3
14 unique J



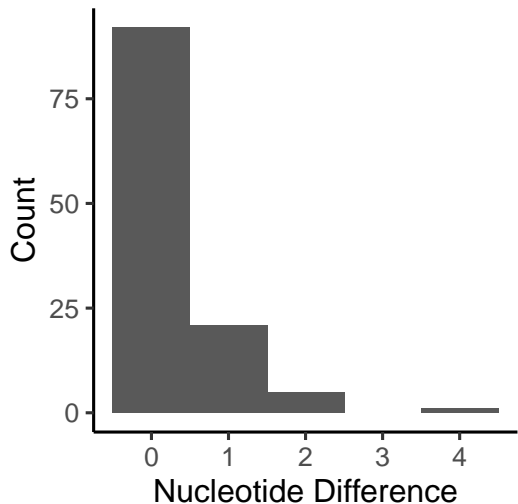
TRBV10–1*bp02

5 sequences assigned
No exact matches.



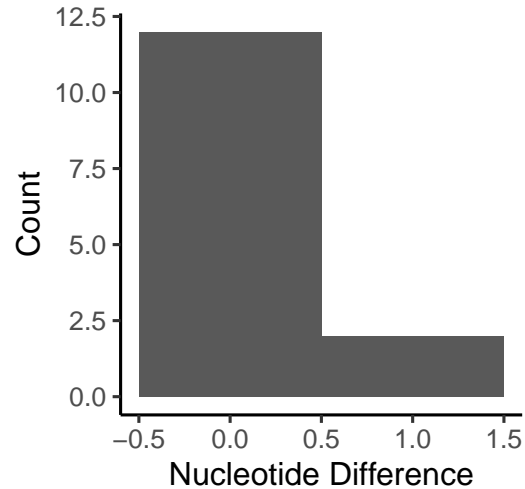
TRBV10–3*bp01

119 sequences assigned
92 (77.3%) exact matches, in which:
75 unique CDR3
14 unique J



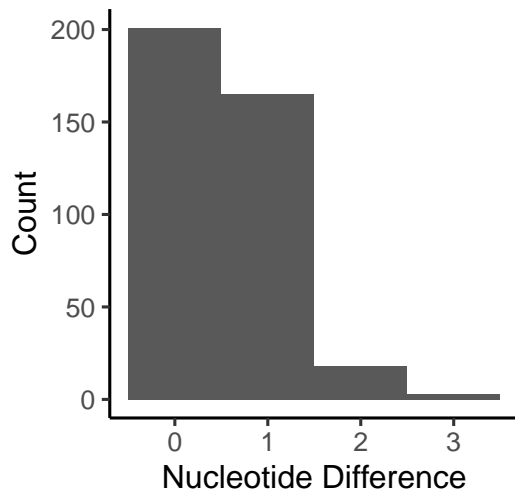
TRBV14*bp01

14 sequences assigned
12 (85.7%) exact matches, in which:
12 unique CDR3
8 unique J



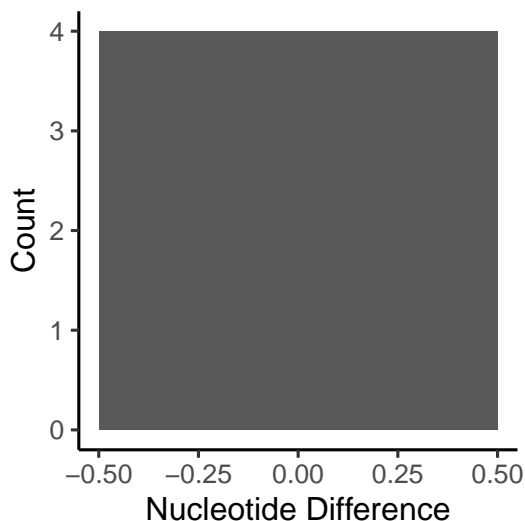
TRBV15*bp02

387 sequences assigned
201 (51.9%) exact matches, in which:
110 unique CDR3
14 unique J



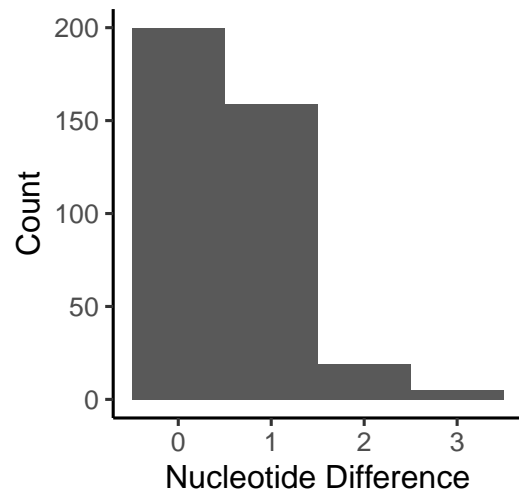
TRBV2*bp01

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



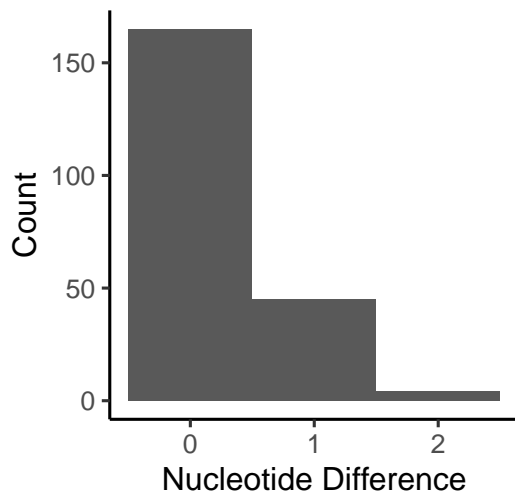
TRBV30*bp01

383 sequences assigned
200 (52.2%) exact matches, in which:
86 unique CDR3
14 unique J



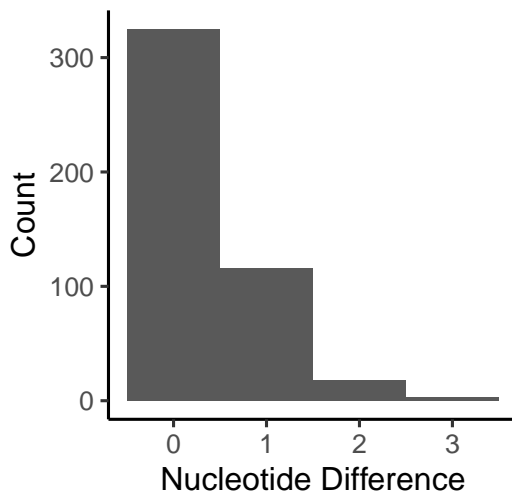
TRBV18*bp01

214 sequences assigned
165 (77.1%) exact matches, in which:
120 unique CDR3
15 unique J



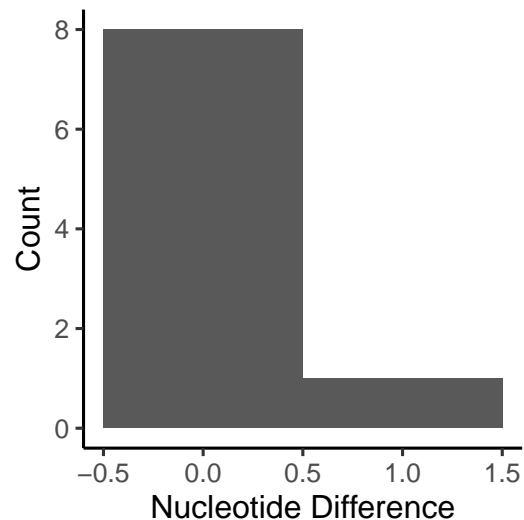
TRBV27*bp01

462 sequences assigned
325 (70.3%) exact matches, in which:
255 unique CDR3
15 unique J



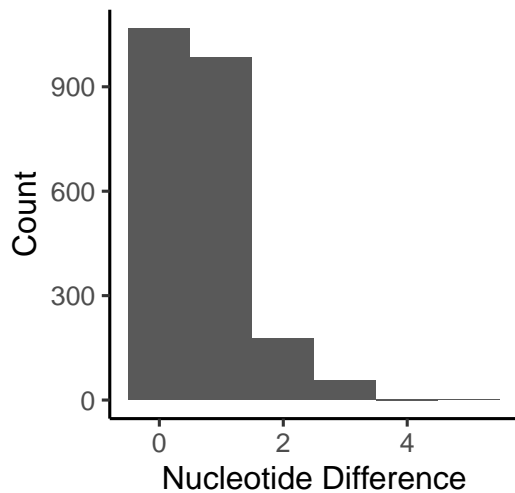
TRBV9*bp01

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



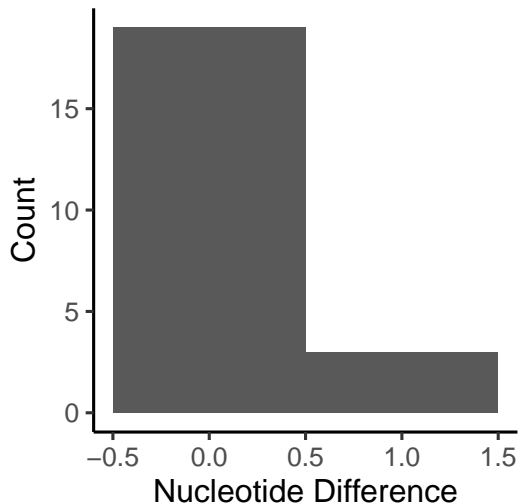
TRBV19*bp01

2288 sequences assigned
1068 (46.7%) exact matches, in which:
678 unique CDR3
15 unique J



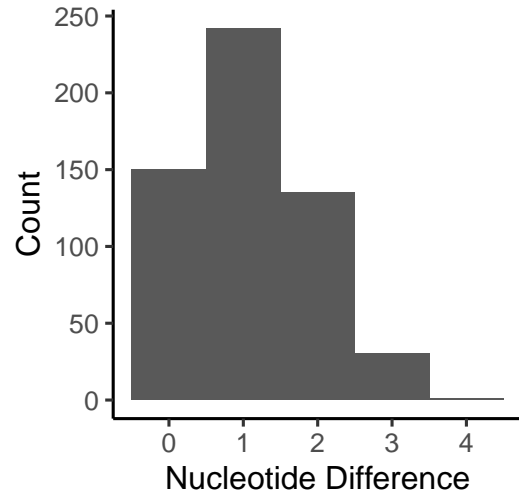
TRBV28*bp01

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



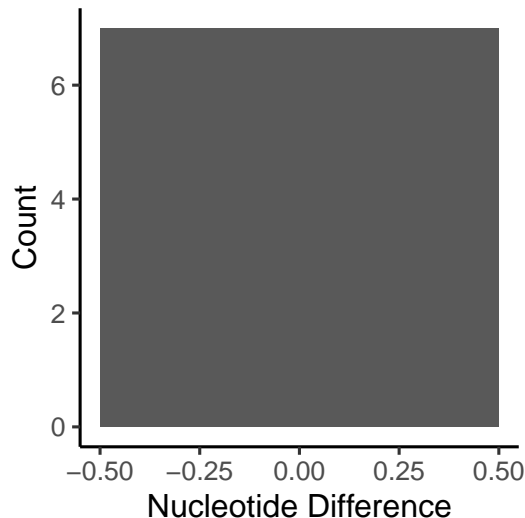
TRBV11-1*bp01

558 sequences assigned
150 (26.9%) exact matches, in which:
102 unique CDR3
13 unique J



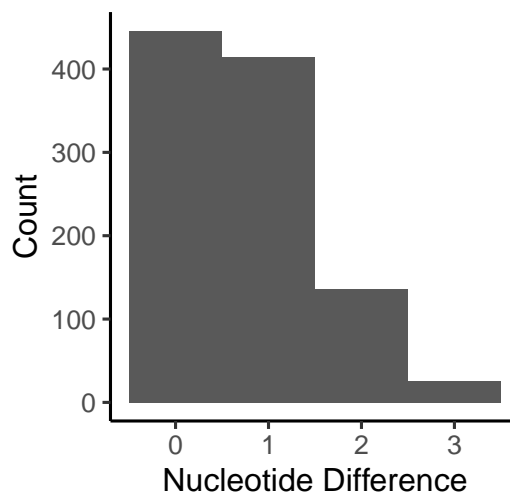
TRBV21–1*bp01

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



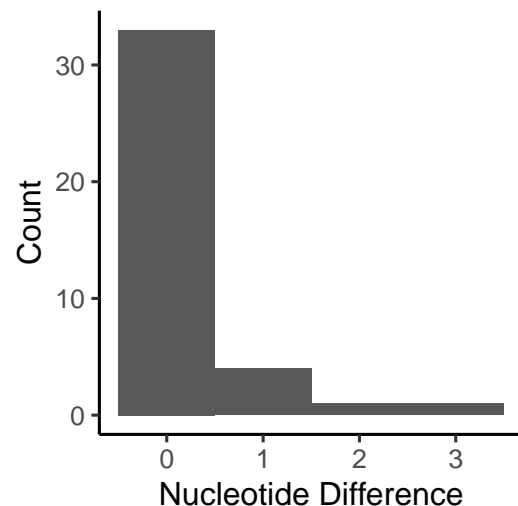
TRBV11–3*bp01

1022 sequences assigned
446 (43.6%) exact matches, in which:
298 unique CDR3
15 unique J



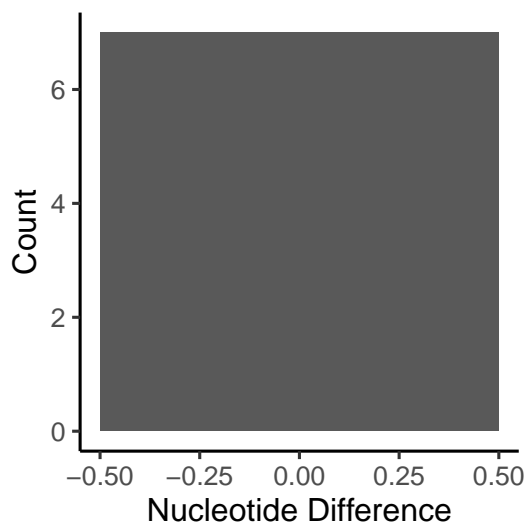
TRBV24–1*bp01

39 sequences assigned
33 (84.6%) exact matches, in which:
25 unique CDR3
10 unique J



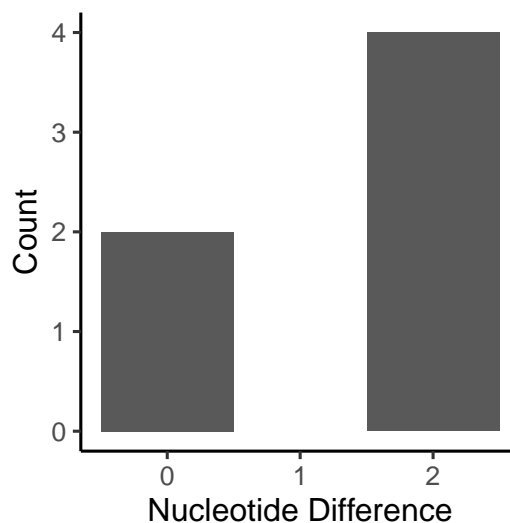
TRBV21–1*bp02

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



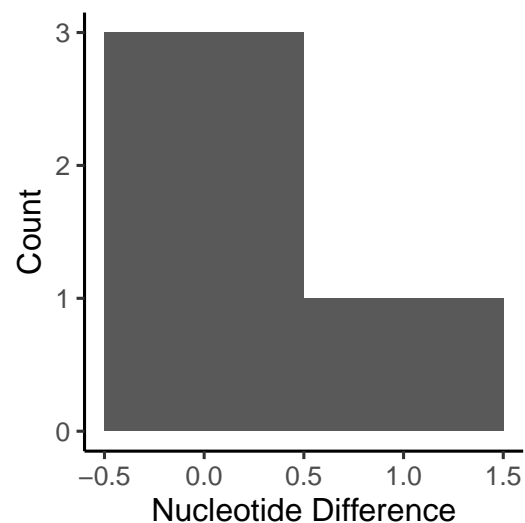
TRBV12–5*bp01

6 sequences assigned
2 (33.3%) exact matches, in which:
2 unique CDR3
2 unique J



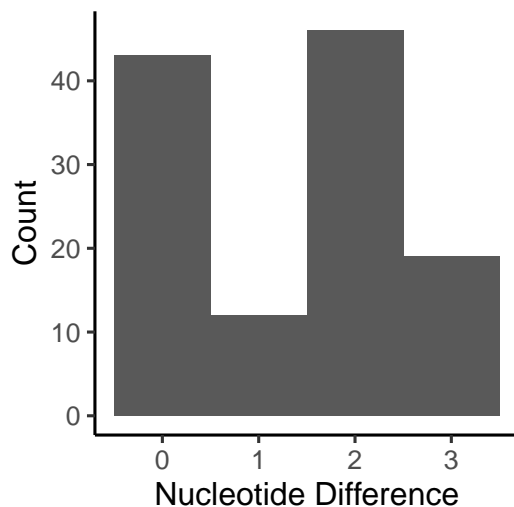
TRBV4–1*bp01

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



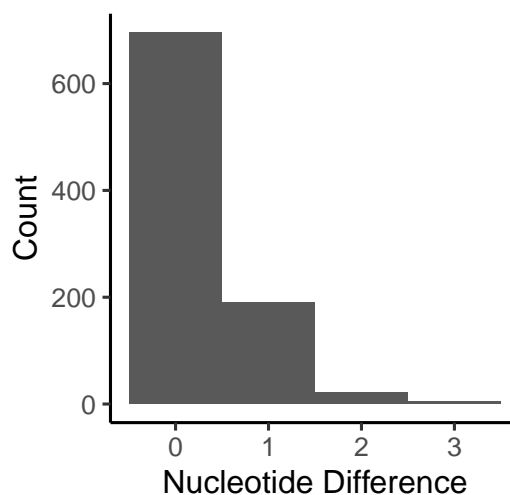
TRBV11–2*bp01

120 sequences assigned
43 (35.8%) exact matches, in which:
39 unique CDR3
11 unique J



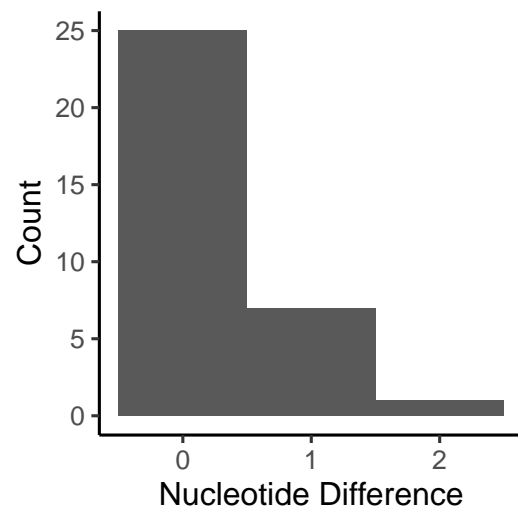
TRBV12–34*bp01

913 sequences assigned
696 (76.2%) exact matches, in which:
386 unique CDR3
15 unique J



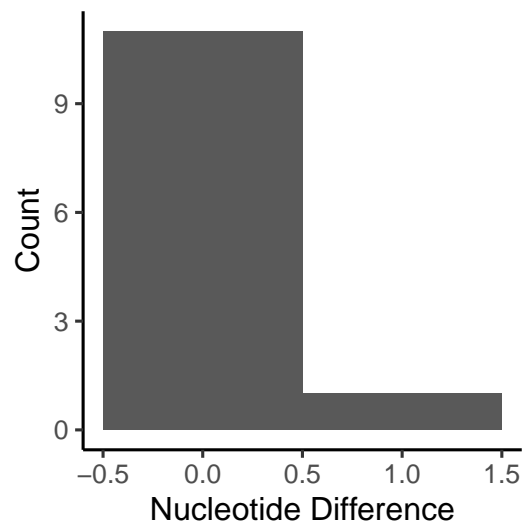
TRBV24–1*bp02

33 sequences assigned
25 (75.8%) exact matches, in which:
23 unique CDR3
9 unique J



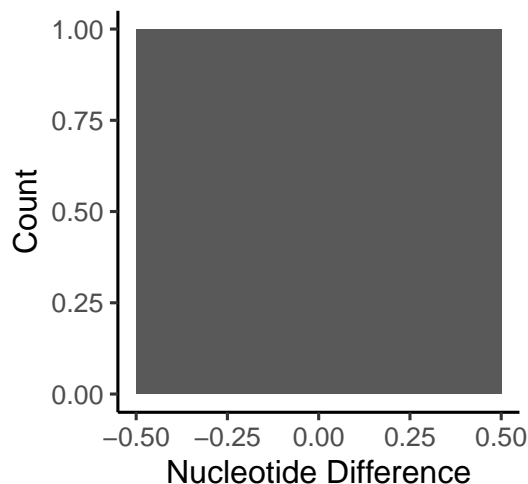
TRBV4-2*bp01

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



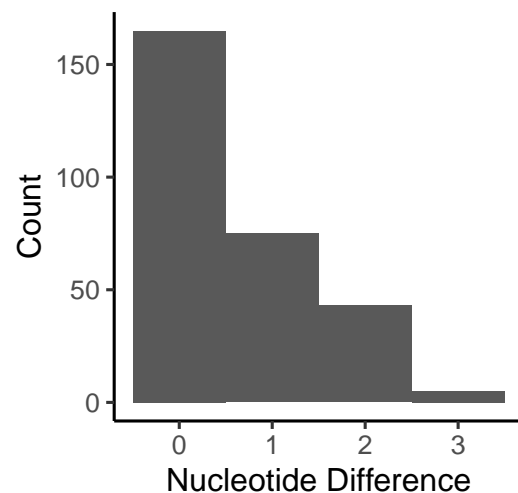
TRBV25-1*bp01

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



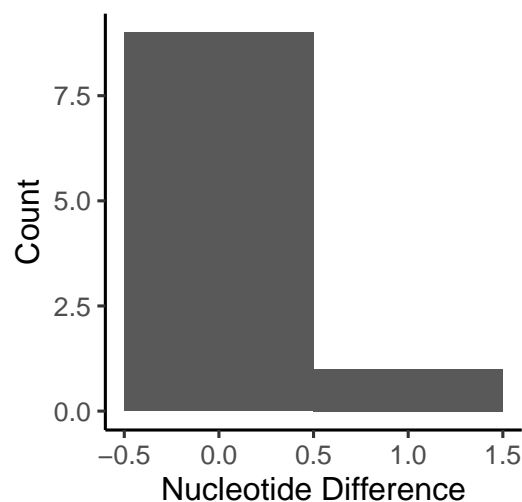
TRBV5-5*bp01

288 sequences assigned
165 (57.3%) exact matches, in which:
102 unique CDR3
14 unique J



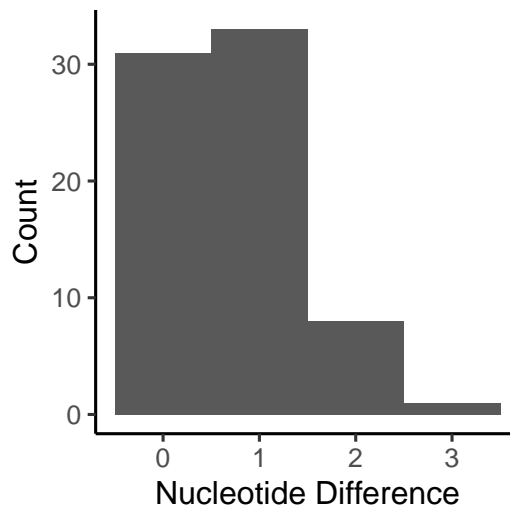
TRBV4-3*bp01

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



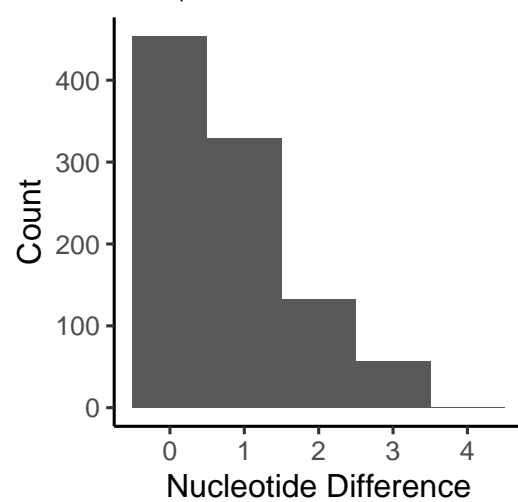
TRBV5-3*bp01

73 sequences assigned
31 (42.5%) exact matches, in which:
24 unique CDR3
9 unique J



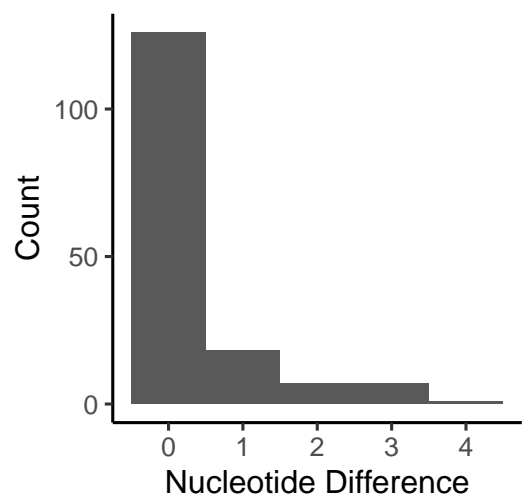
TRBV5-6*bp01

974 sequences assigned
454 (46.6%) exact matches, in which:
297 unique CDR3
15 unique J



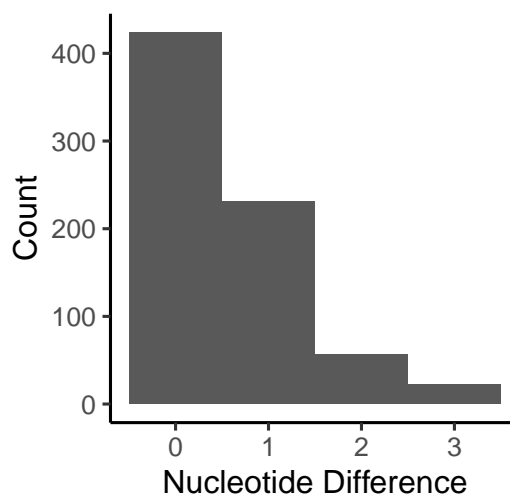
TRBV5-1*bp01

159 sequences assigned
126 (79.2%) exact matches, in which:
104 unique CDR3
13 unique J



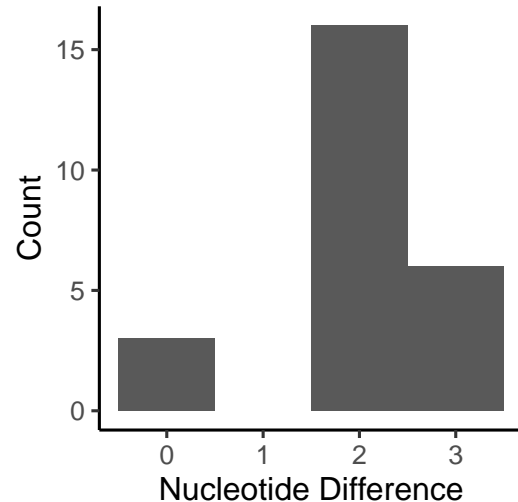
TRBV5-4*bp01

734 sequences assigned
424 (57.8%) exact matches, in which:
294 unique CDR3
15 unique J



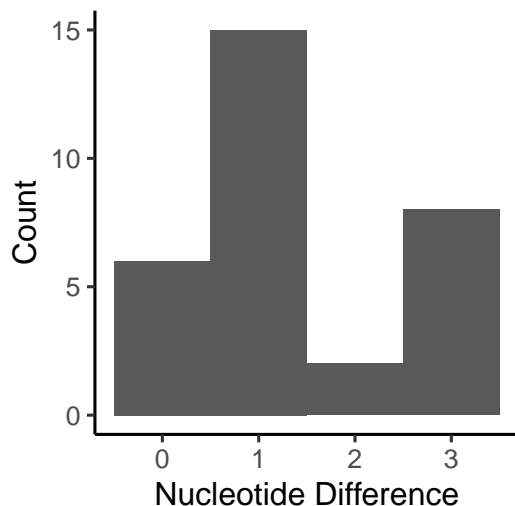
TRBV5-7*bp01

25 sequences assigned
3 (12%) exact matches, in which:
3 unique CDR3
3 unique J



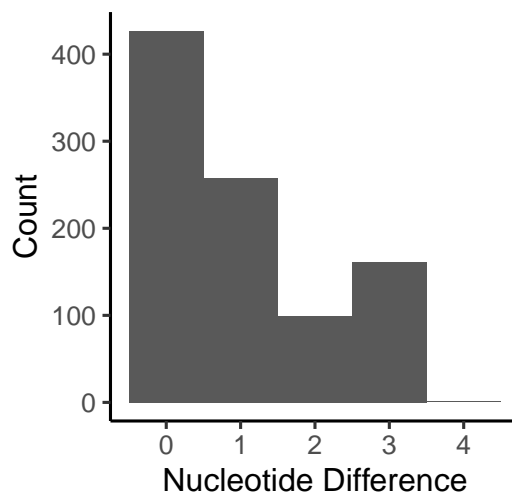
TRBV5-8*bp01

31 sequences assigned
6 (19.4%) exact matches, in which:
5 unique CDR3
3 unique J



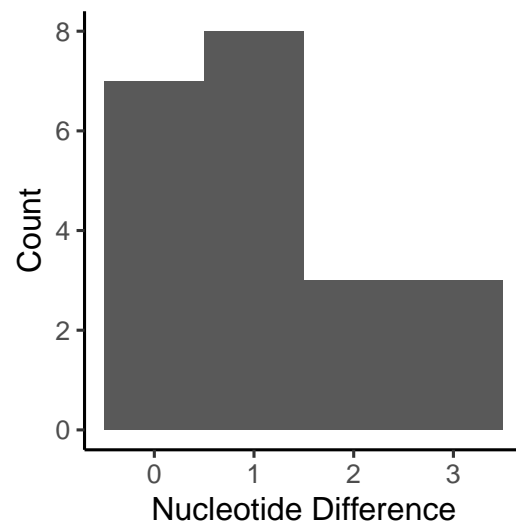
TRBV6-5*bp01

946 sequences assigned
427 (45.1%) exact matches, in which:
349 unique CDR3
15 unique J



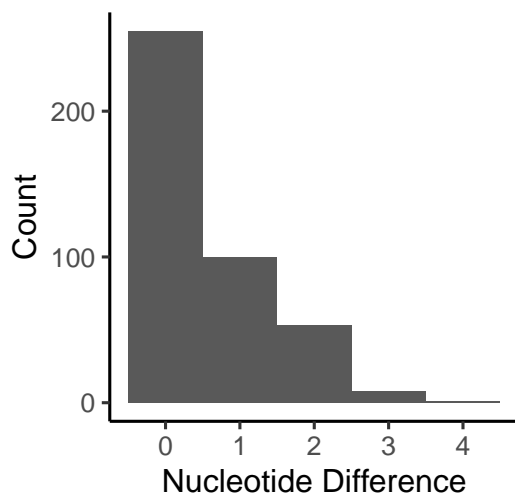
TRBV6-8*bp01

21 sequences assigned
7 (33.3%) exact matches, in which:
7 unique CDR3
6 unique J



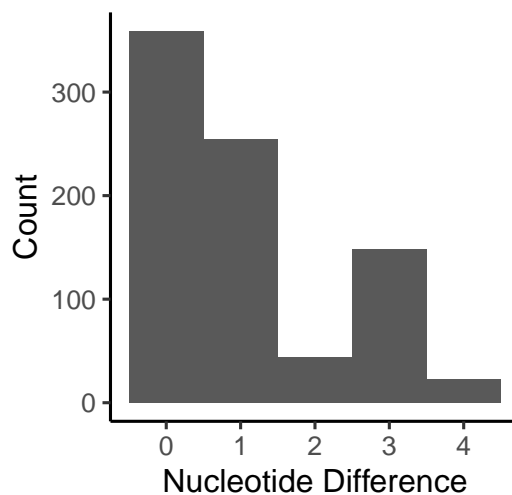
TRBV6-1*bp01

417 sequences assigned
255 (61.2%) exact matches, in which:
216 unique CDR3
15 unique J



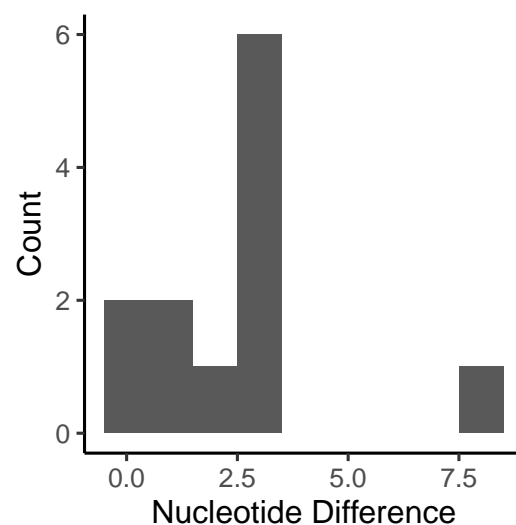
TRBV6-6*bp01

828 sequences assigned
359 (43.4%) exact matches, in which:
296 unique CDR3
15 unique J



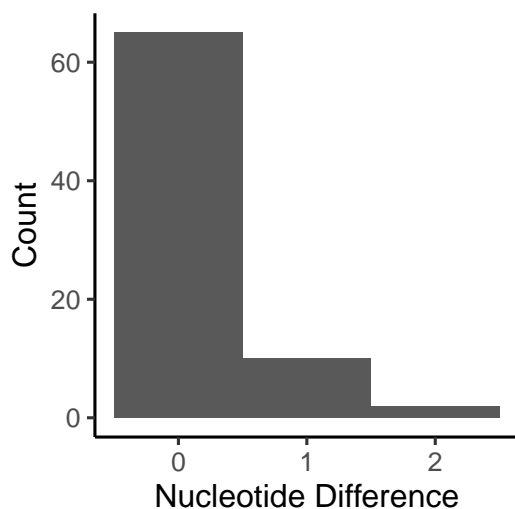
TRBV6-9*bp01

12 sequences assigned
2 (16.7%) exact matches, in which:
2 unique CDR3
2 unique J



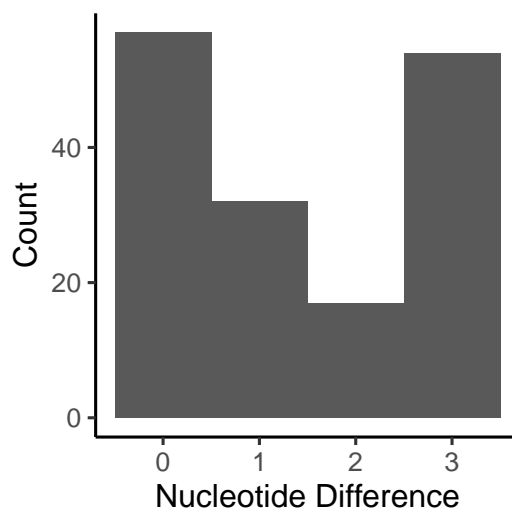
TRBV6-4*bp01

77 sequences assigned
65 (84.4%) exact matches, in which:
48 unique CDR3
15 unique J



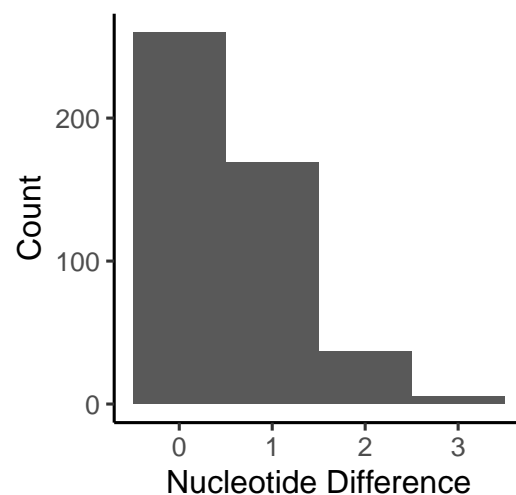
TRBV6-6*bp02

160 sequences assigned
57 (35.6%) exact matches, in which:
55 unique CDR3
13 unique J



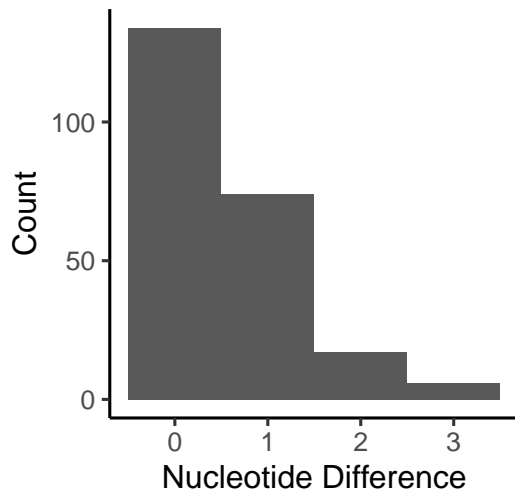
TRBV6-23*bp01

471 sequences assigned
260 (55.2%) exact matches, in which:
207 unique CDR3
15 unique J



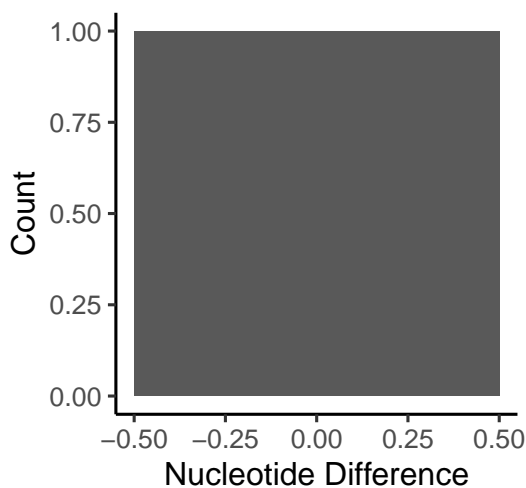
TRBV7-2*bp01

231 sequences assigned
134 (58%) exact matches, in which:
99 unique CDR3
14 unique J



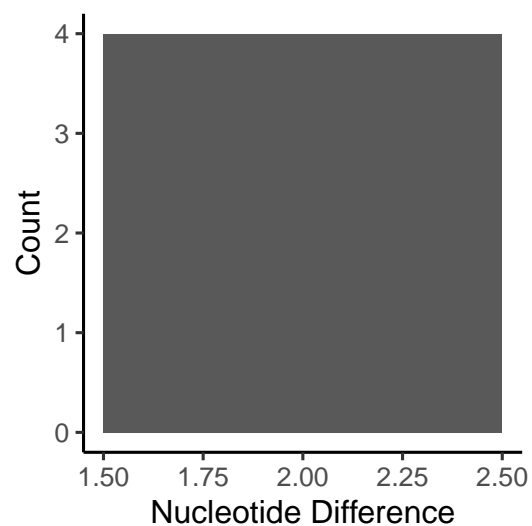
TRBV7-3*bp03

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



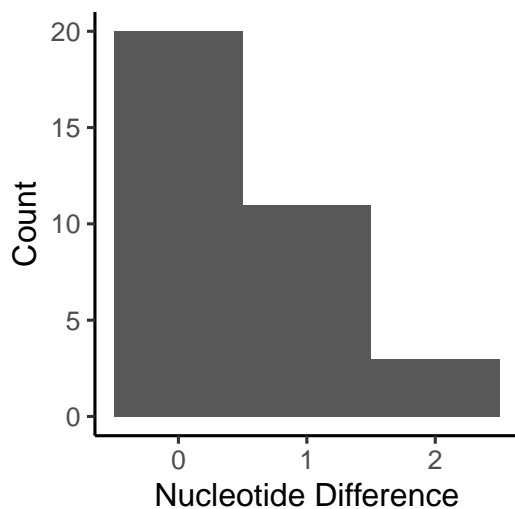
TRBV7-7*bp01

4 sequences assigned
No exact matches.



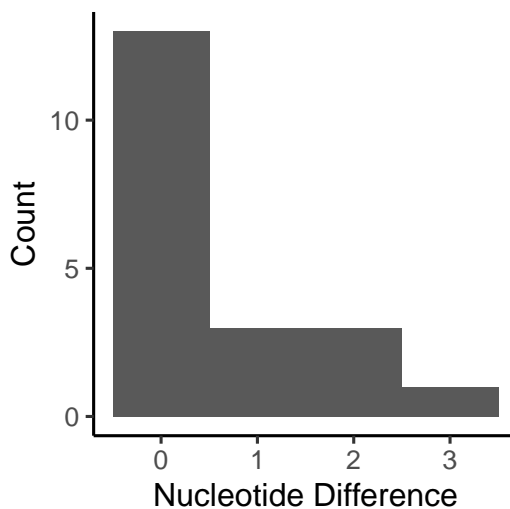
TRBV7-2*bp02

34 sequences assigned
20 (58.8%) exact matches, in which:
19 unique CDR3
7 unique J



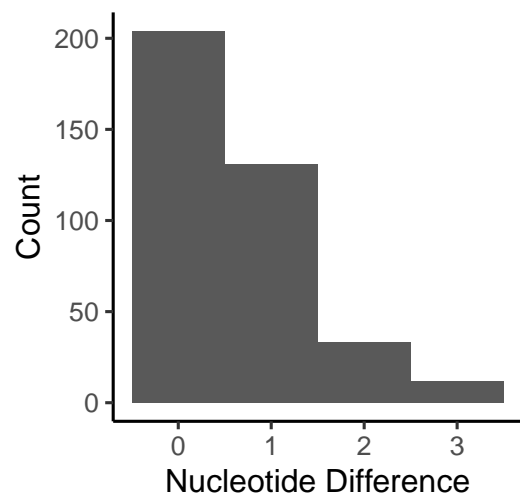
TRBV7-4*bp01

20 sequences assigned
13 (65%) exact matches, in which:
8 unique CDR3
7 unique J



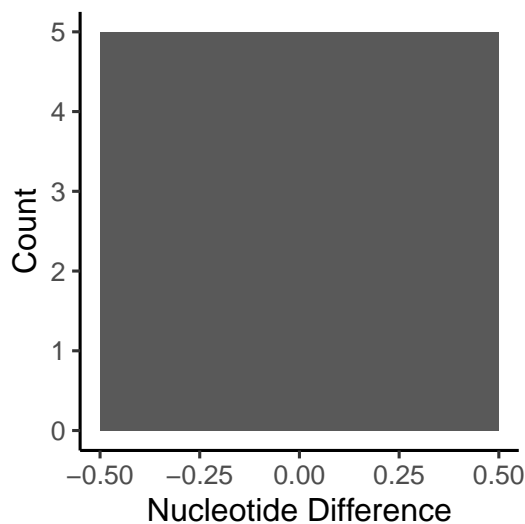
TRBV7-9*bp01

380 sequences assigned
204 (53.7%) exact matches, in which:
137 unique CDR3
14 unique J



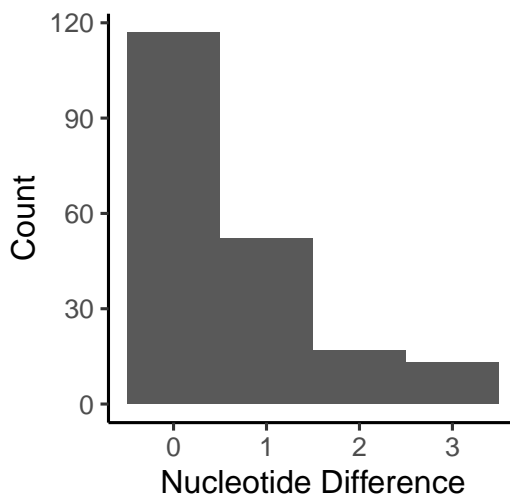
TRBV7-3*bp01

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



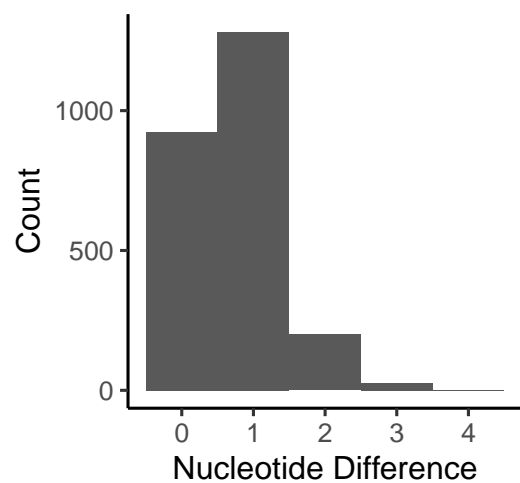
TRBV7-6*bp01

199 sequences assigned
117 (58.8%) exact matches, in which:
76 unique CDR3
14 unique J

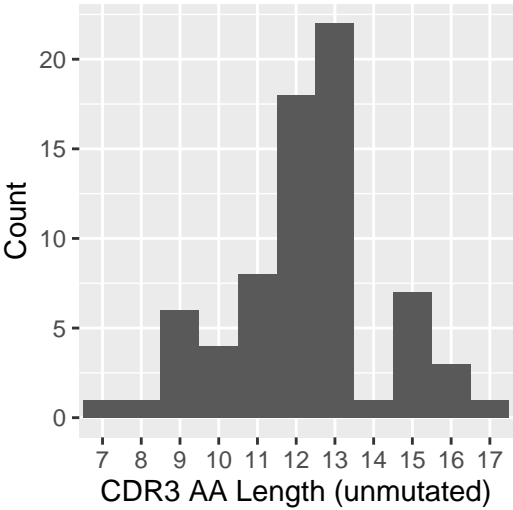


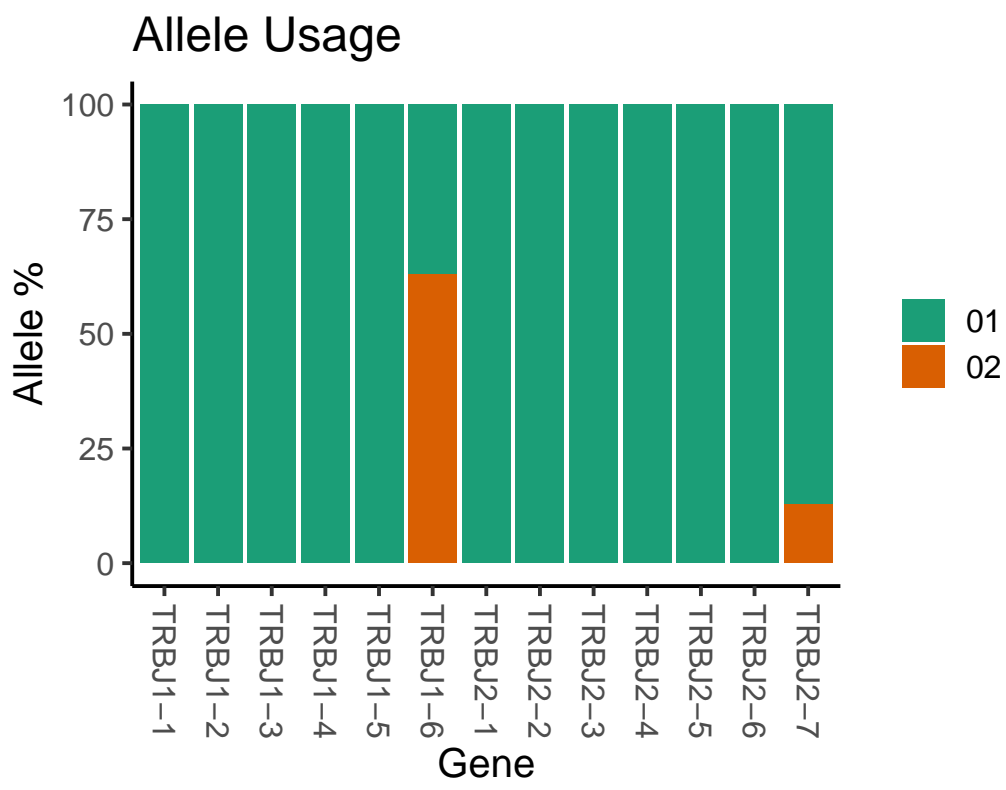
TRBV29-1*bp01

2433 sequences assigned
924 (38%) exact matches, in which:
555 unique CDR3
13 unique J

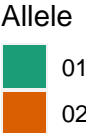


TRBV10-3*bp02_313GCCATCAGTGAGTC326





Sequence Count by TRBJ1–6 allele usage



[illegible]