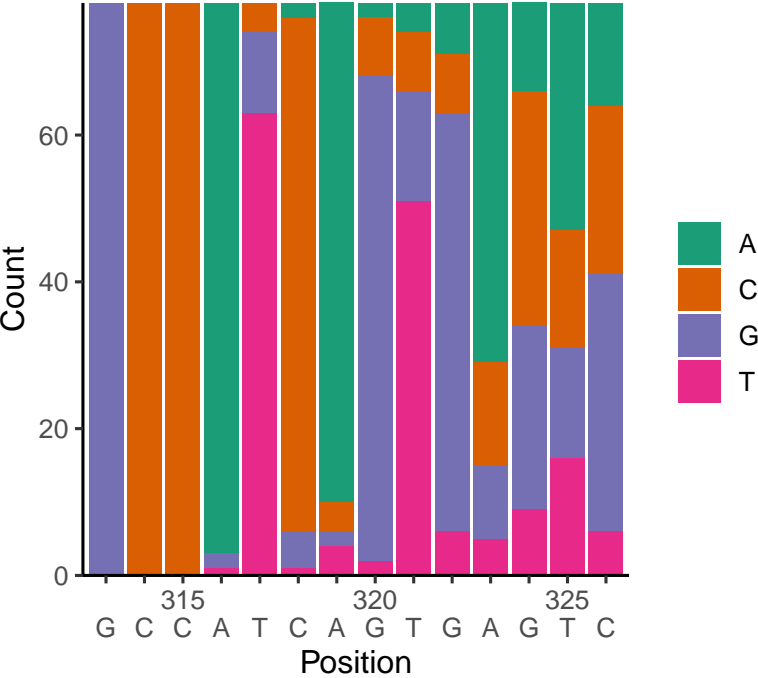
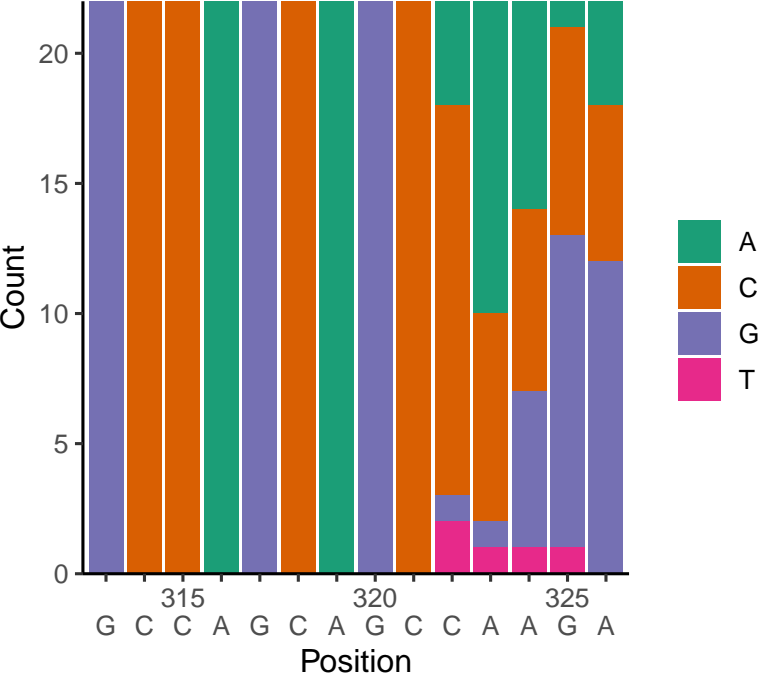


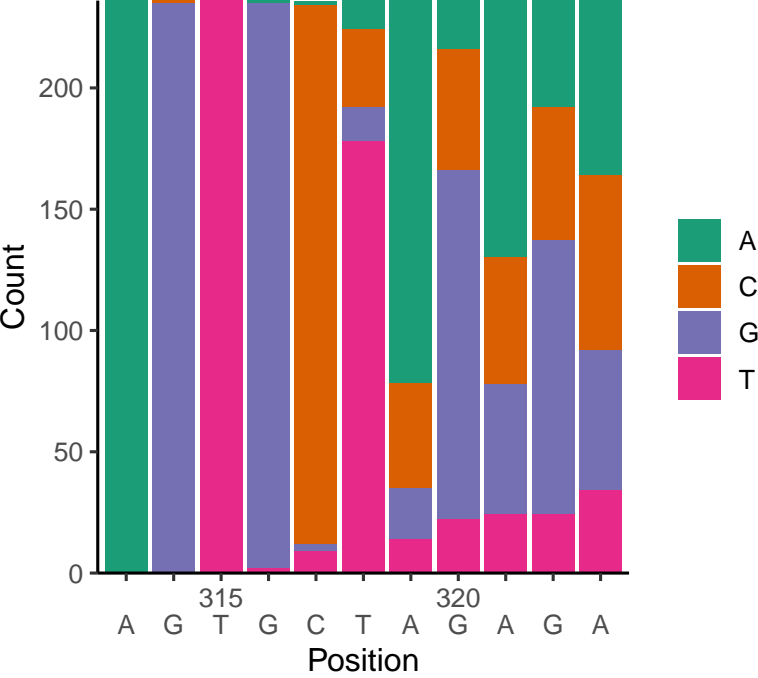
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



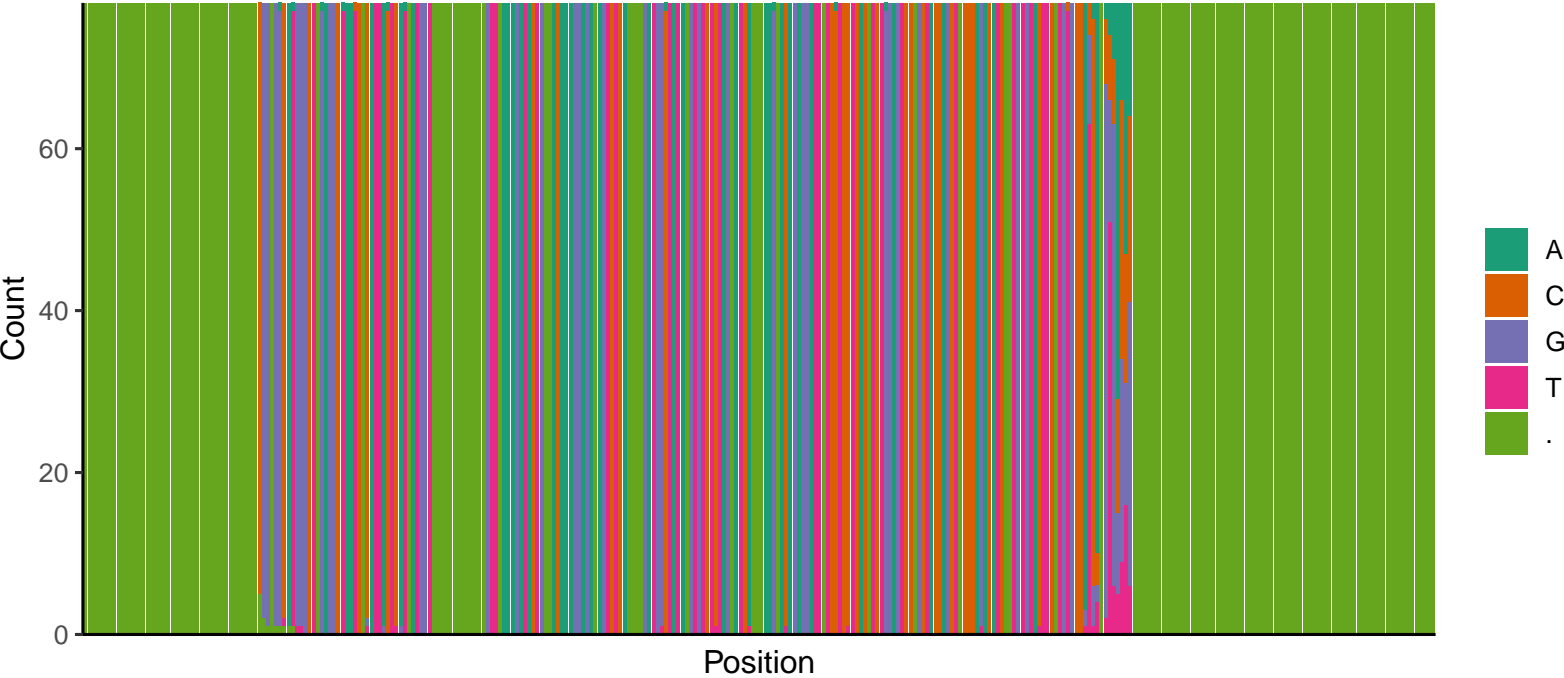
Gene TRBV14*bp02_322CAAGA326



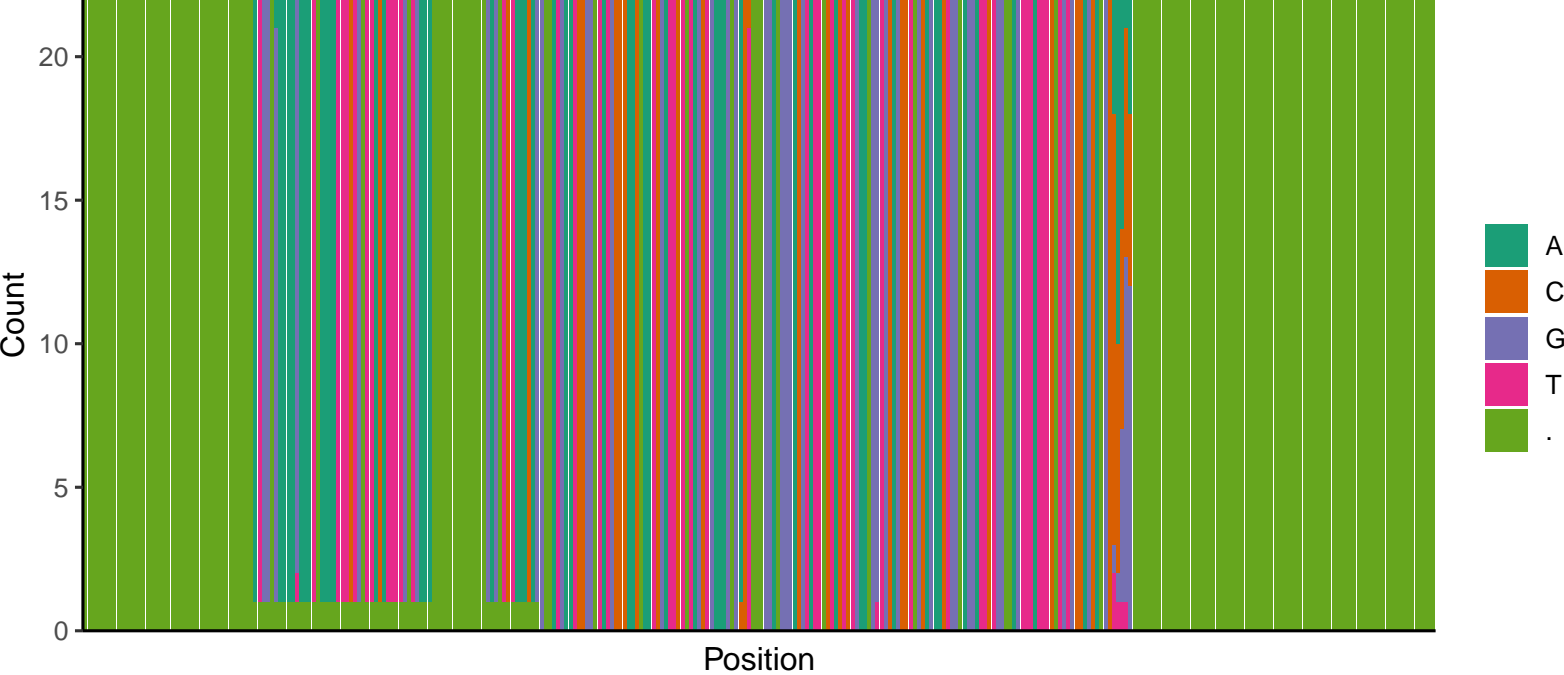
Gene TRBV20-1*bp04_322GA323



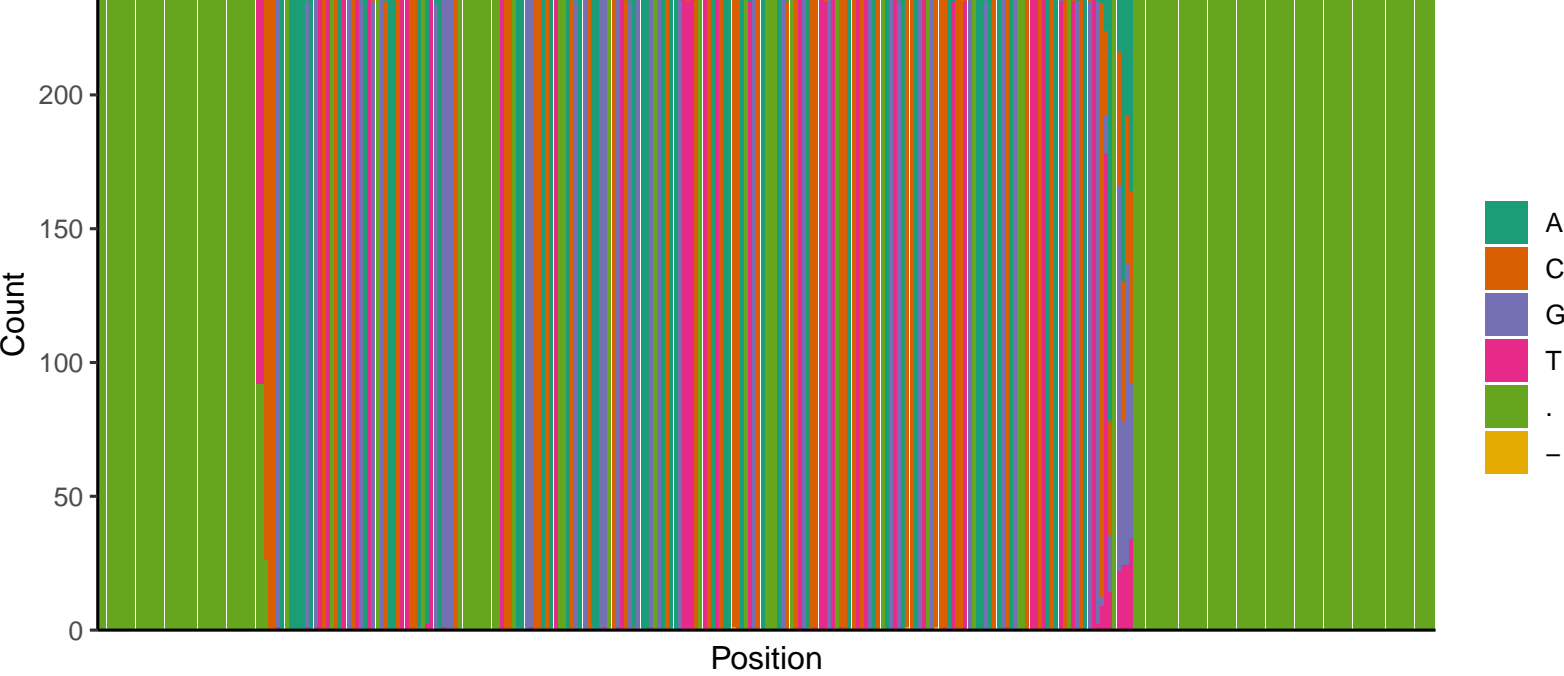
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



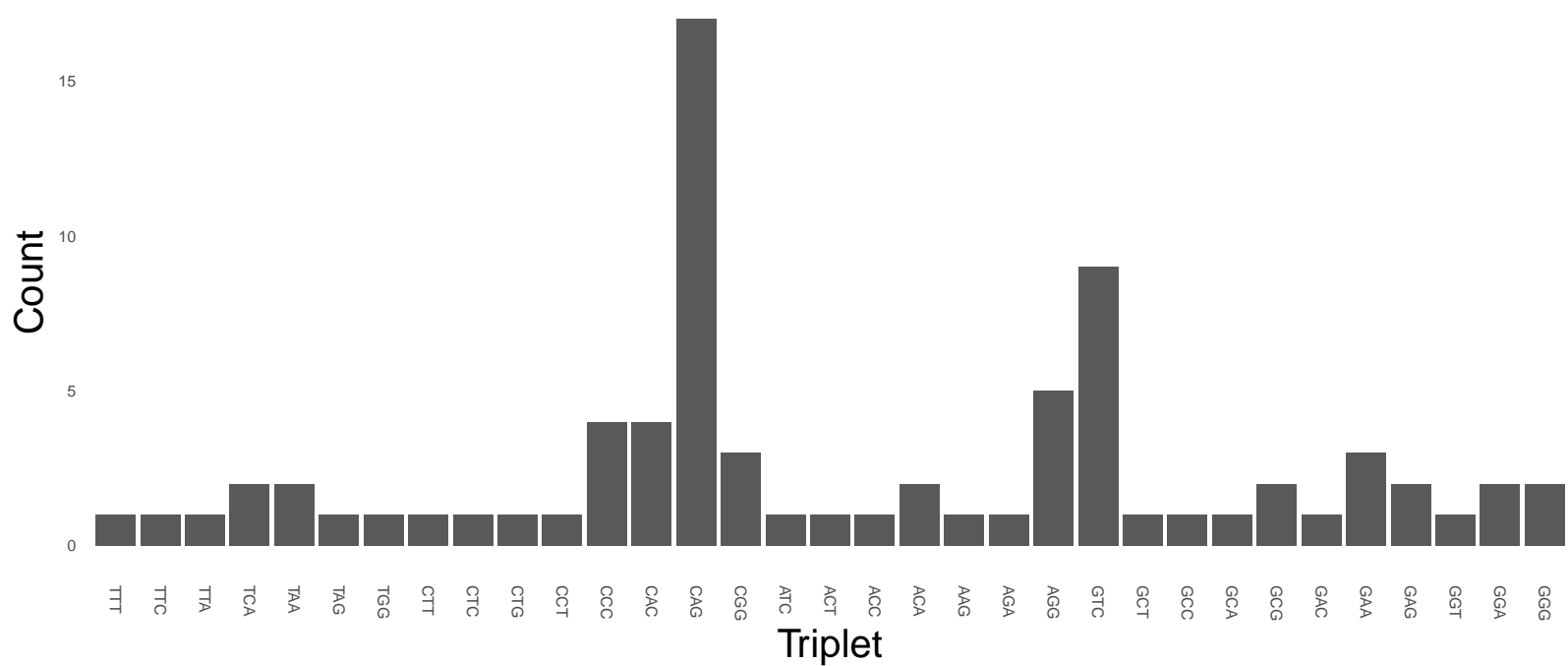
Gene TRBV14*bp02_322CAAGA326



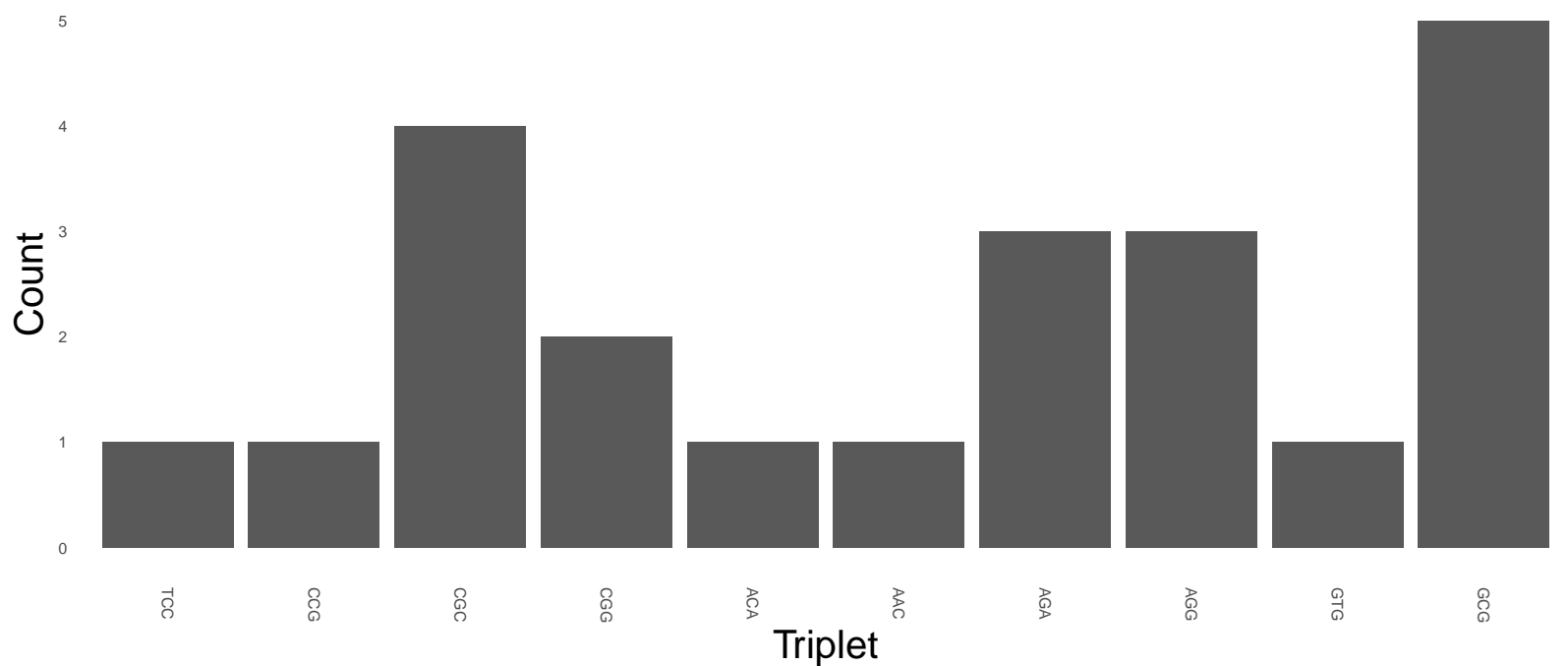
Gene TRBV20-1*bp04_322GA323



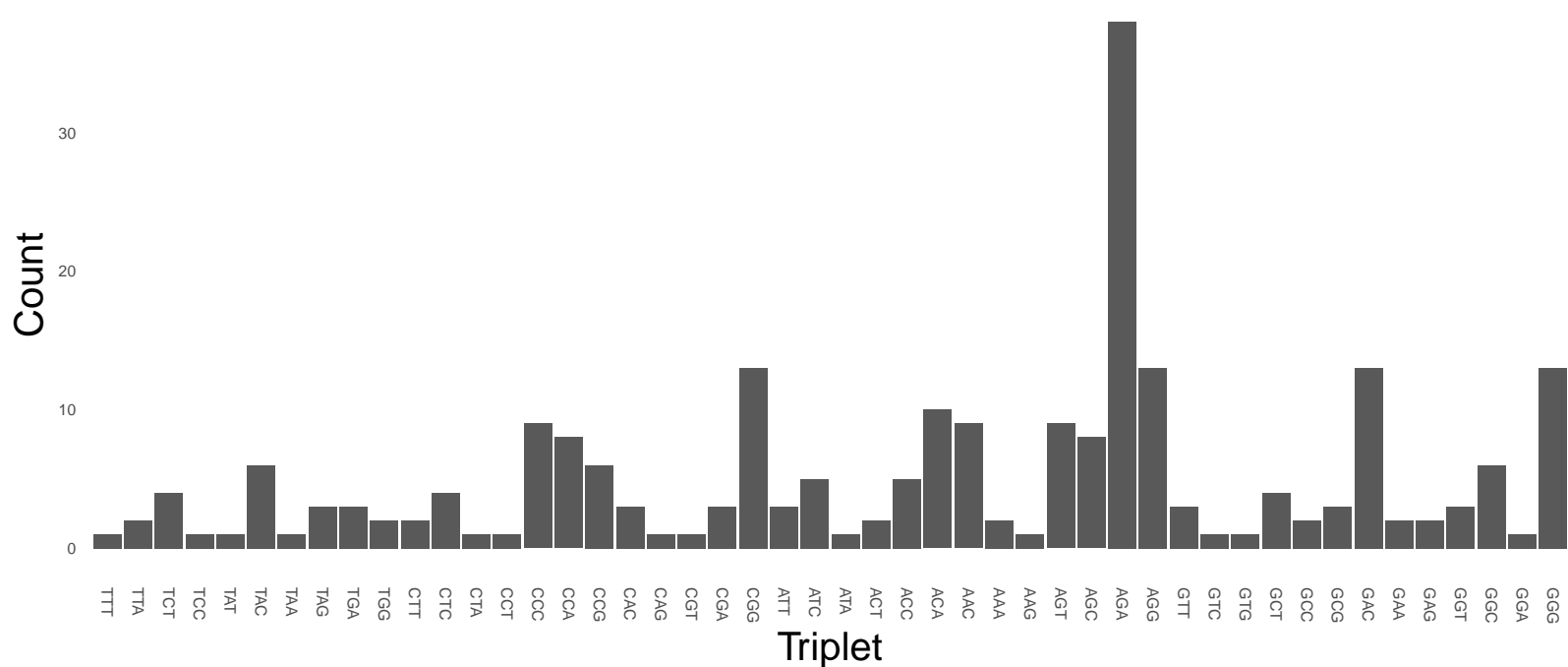
TRBV10–3*bp02_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



TRBV14*bp02_322CAAGA326– Final 3 nucleotides as a triplet

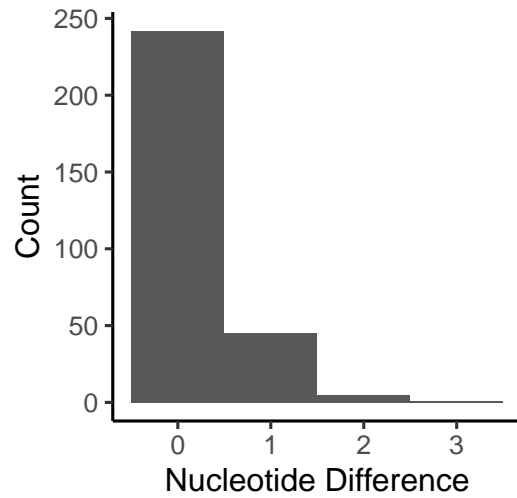


TRBV20–1*bp04_322GA323– Final 3 nucleotides as a triplet



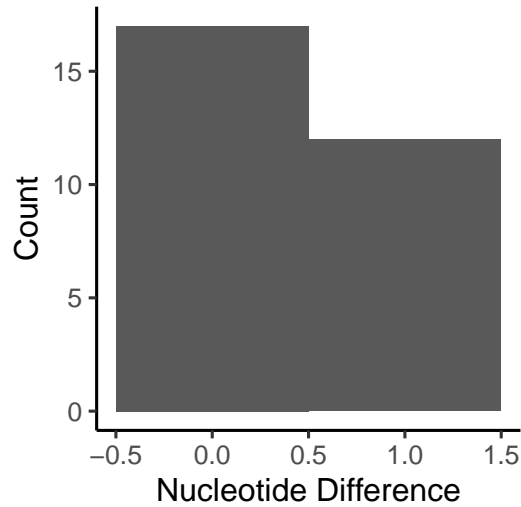
TRBV20–1*bp01

293 sequences assigned
242 (82.6%) exact matches, in which:
172 unique CDR3
14 unique J



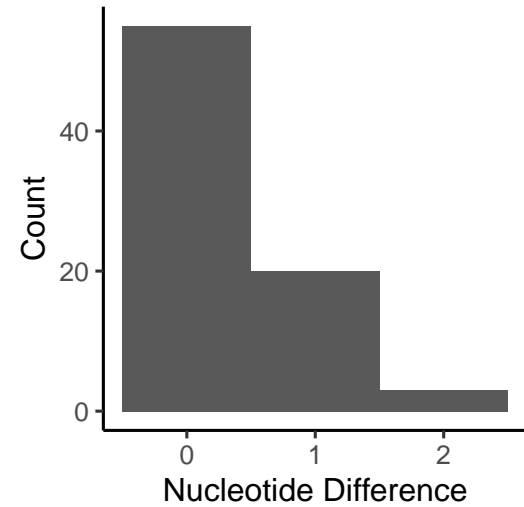
TRBV10–2*bp01

29 sequences assigned
17 (58.6%) exact matches, in which:
14 unique CDR3
8 unique J



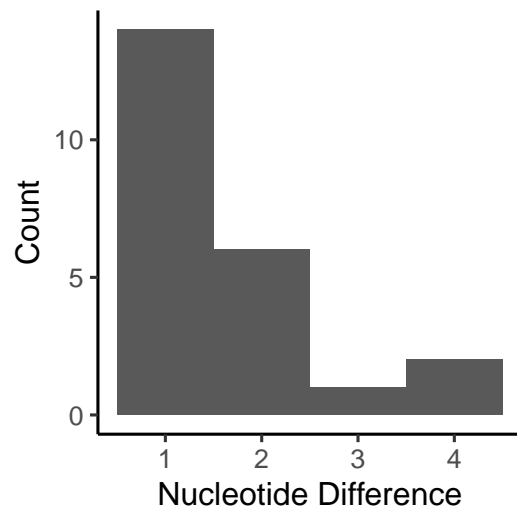
TRBV10–3*bp02_313GCC

78 sequences assigned
55 (70.5%) exact matches, in which:
48 unique CDR3
11 unique J



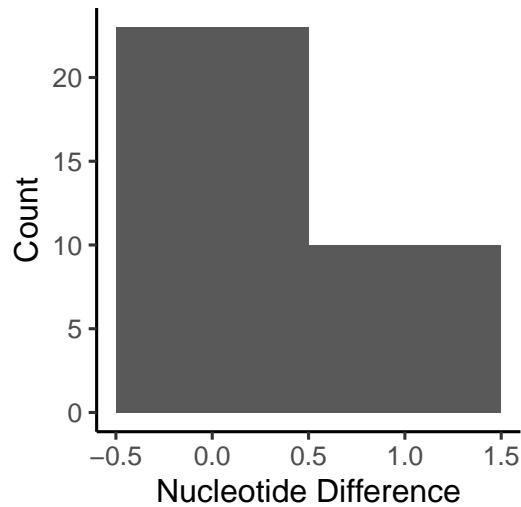
TRBV10–1*bp02

23 sequences assigned
No exact matches.



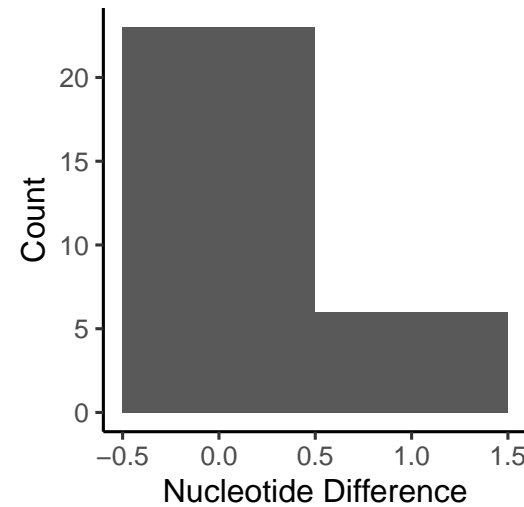
TRBV10–2*bp02

33 sequences assigned
23 (69.7%) exact matches, in which:
19 unique CDR3
8 unique J



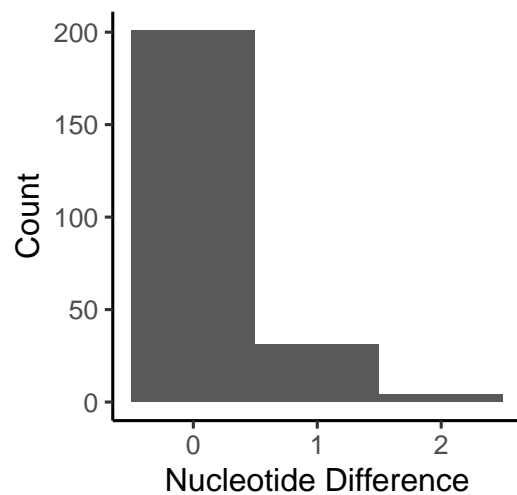
TRBV13*bp01

29 sequences assigned
23 (79.3%) exact matches, in which:
19 unique CDR3
11 unique J



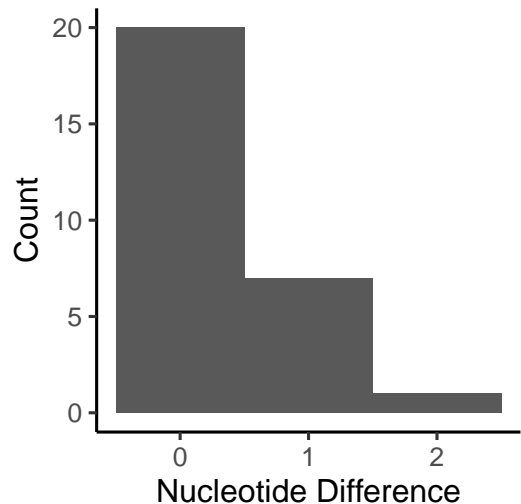
TRBV20–1*bp04_322GA:

236 sequences assigned
201 (85.2%) exact matches, in which:
147 unique CDR3
14 unique J



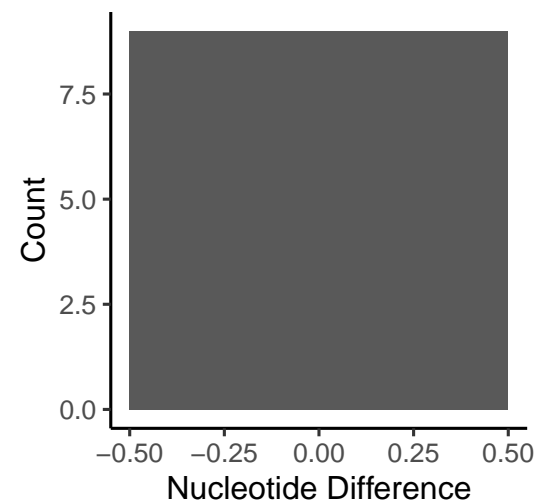
TRBV10–3*bp01

28 sequences assigned
20 (71.4%) exact matches, in which:
17 unique CDR3
8 unique J



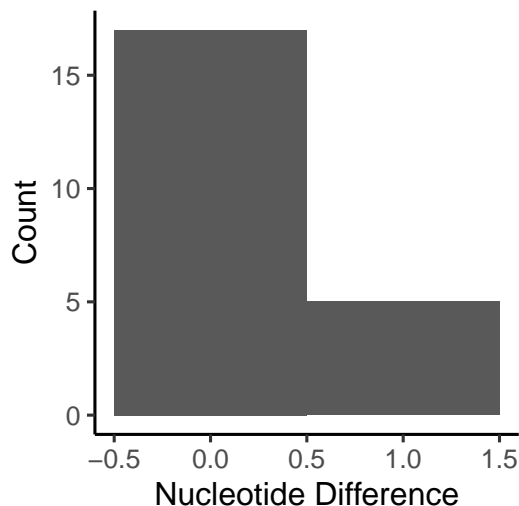
TRBV14*bp01

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



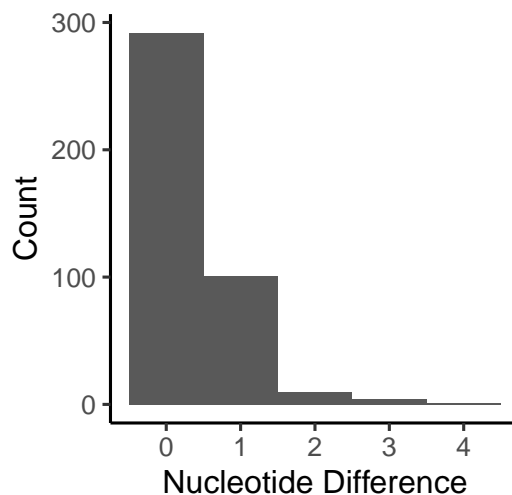
TRBV14*bp02_322CAAG/

22 sequences assigned
17 (77.3%) exact matches, in which:
15 unique CDR3
6 unique J



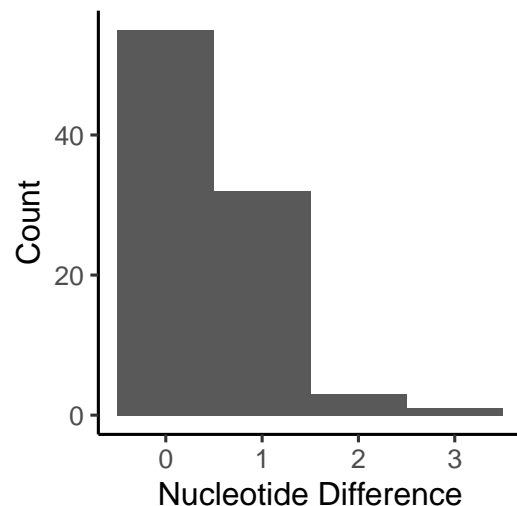
TRBV19*bp01

409 sequences assigned
292 (71.4%) exact matches, in which:
206 unique CDR3
14 unique J



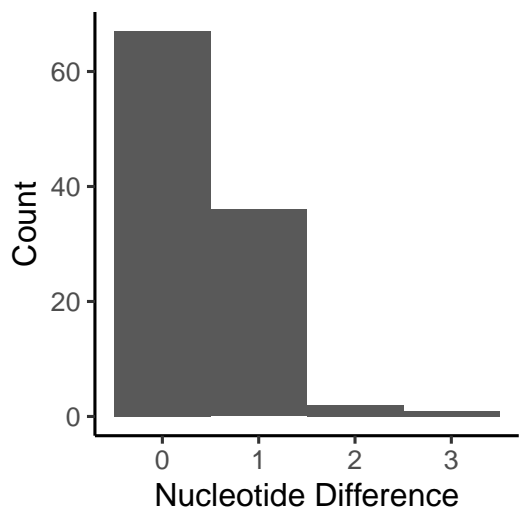
TRBV28*bp01

91 sequences assigned
55 (60.4%) exact matches, in which:
47 unique CDR3
12 unique J



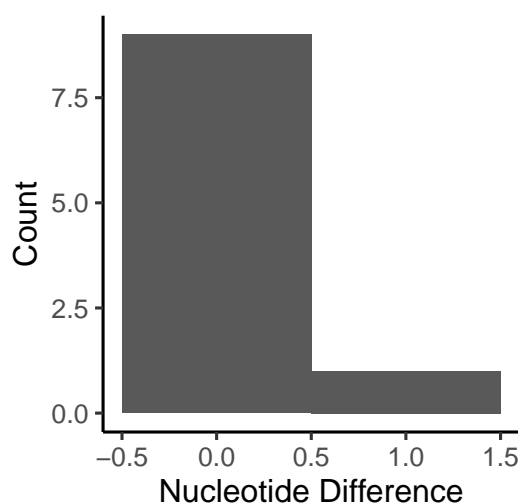
TRBV15*bp02

106 sequences assigned
67 (63.2%) exact matches, in which:
45 unique CDR3
10 unique J



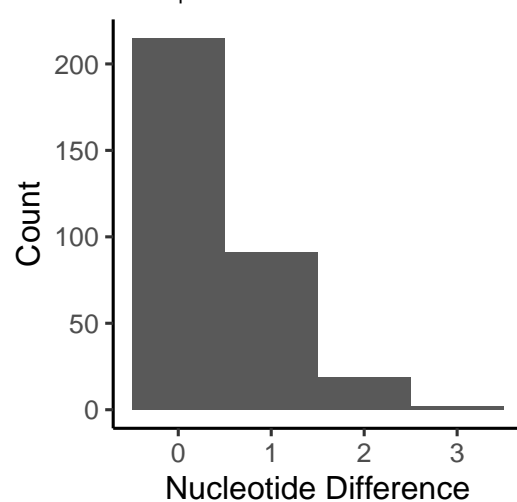
TRBV2*bp01

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



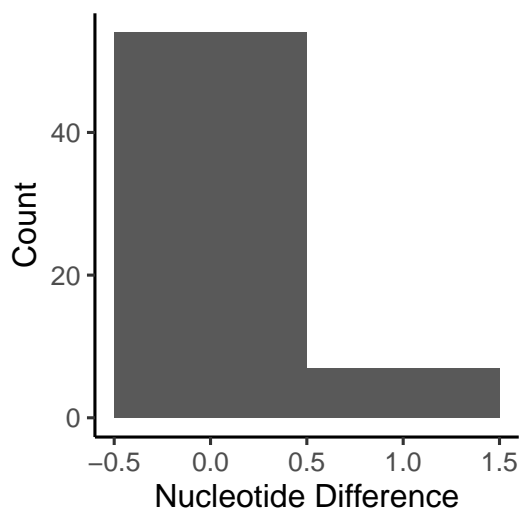
TRBV30*bp01

327 sequences assigned
215 (65.7%) exact matches, in which:
129 unique CDR3
14 unique J



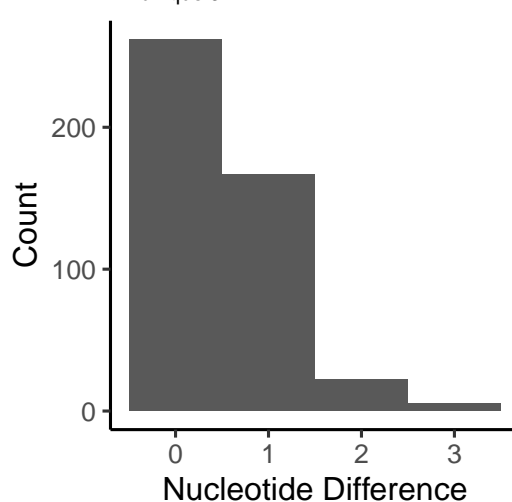
TRBV18*bp01

61 sequences assigned
54 (88.5%) exact matches, in which:
37 unique CDR3
11 unique J



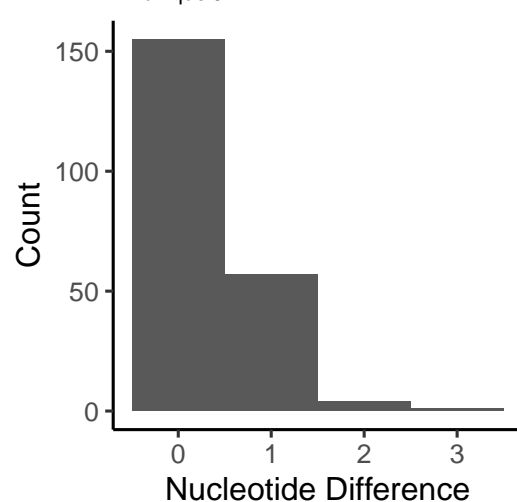
TRBV27*bp01

456 sequences assigned
262 (57.5%) exact matches, in which:
206 unique CDR3
14 unique J



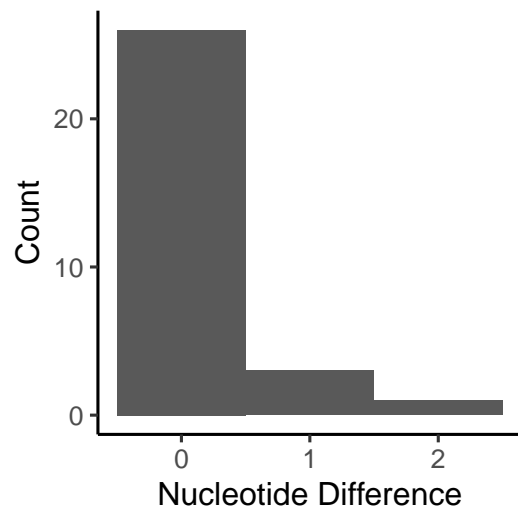
TRBV30*bp02

217 sequences assigned
155 (71.4%) exact matches, in which:
99 unique CDR3
14 unique J



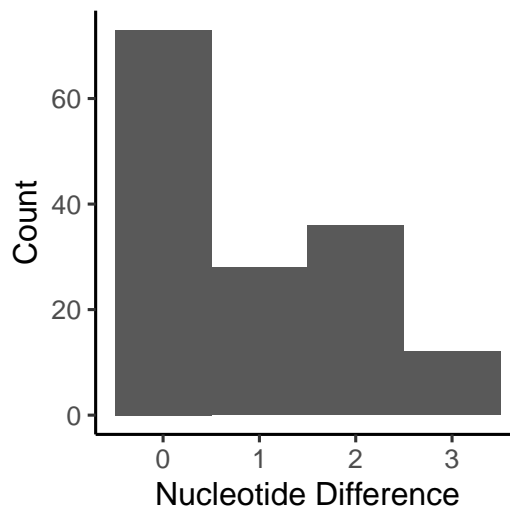
TRBV9*bp01

30 sequences assigned
26 (86.7%) exact matches, in which:
25 unique CDR3
11 unique J



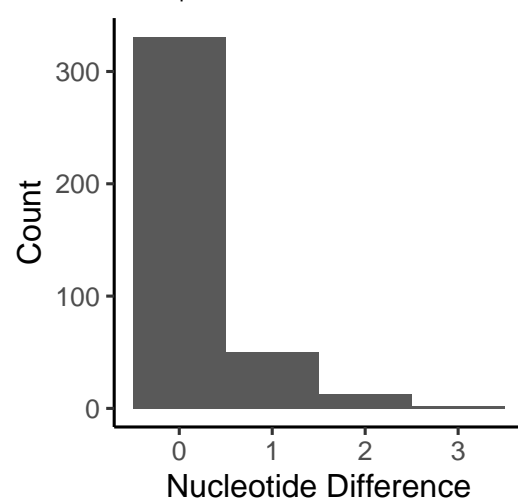
TRBV11-2*bp01

149 sequences assigned
73 (49%) exact matches, in which:
59 unique CDR3
11 unique J



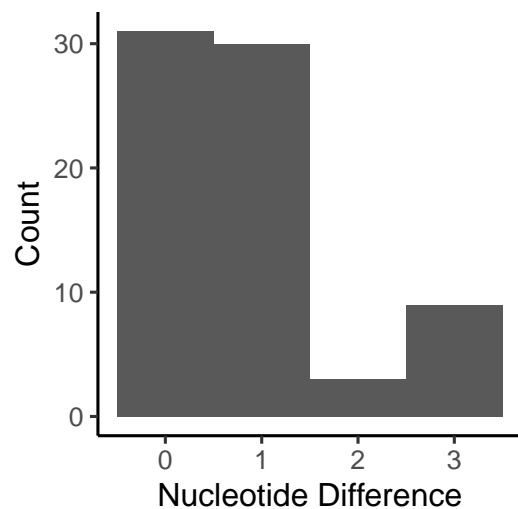
TRBV12-34*bp01

396 sequences assigned
331 (83.6%) exact matches, in which:
199 unique CDR3
14 unique J



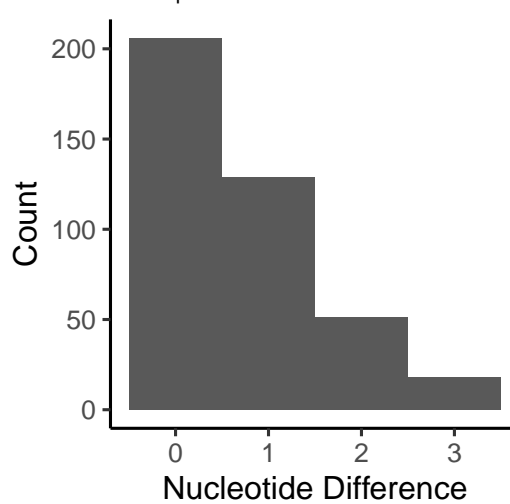
TRBV11-1*bp01

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



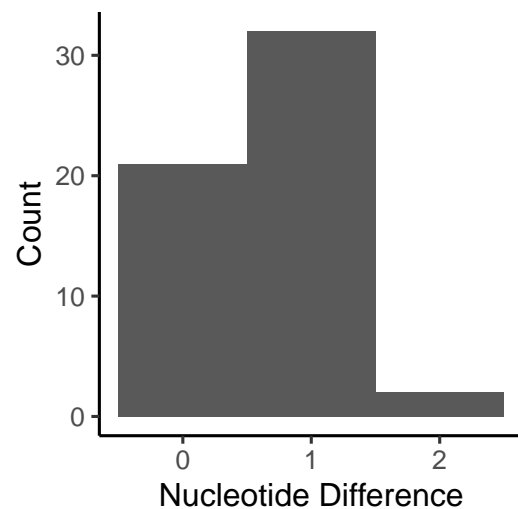
TRBV11-3*bp01

404 sequences assigned
206 (51%) exact matches, in which:
144 unique CDR3
14 unique J



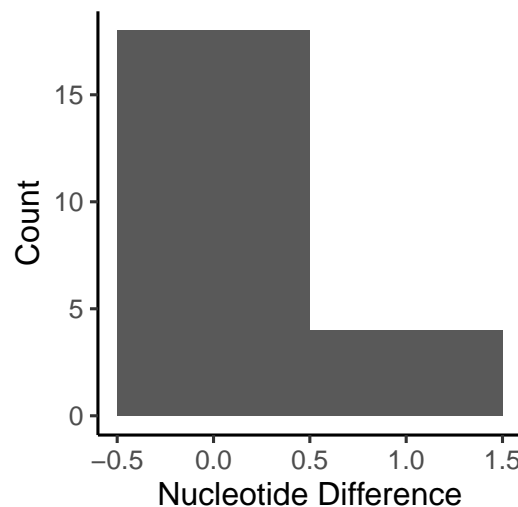
TRBV23-1*bp01

56 sequences assigned
21 (37.5%) exact matches, in which:
17 unique CDR3
5 unique J



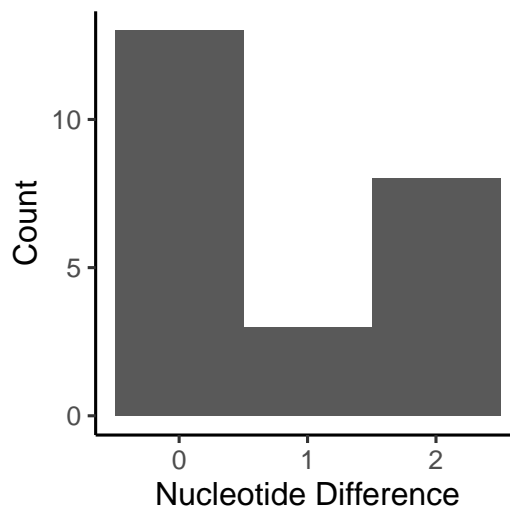
TRBV21-1*bp01

22 sequences assigned
18 (81.8%) exact matches, in which:
17 unique CDR3
10 unique J



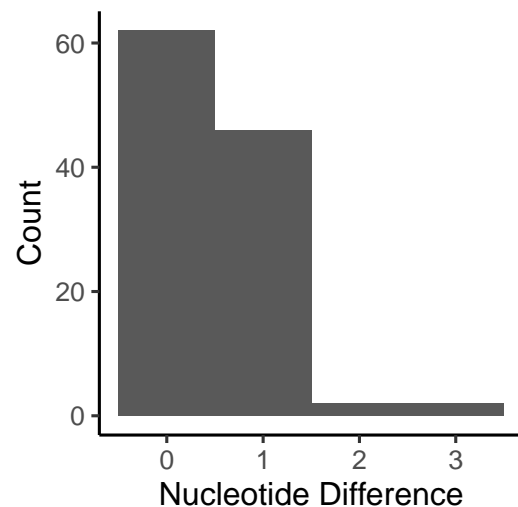
TRBV12-5*bp01

24 sequences assigned
13 (54.2%) exact matches, in which:
13 unique CDR3
8 unique J



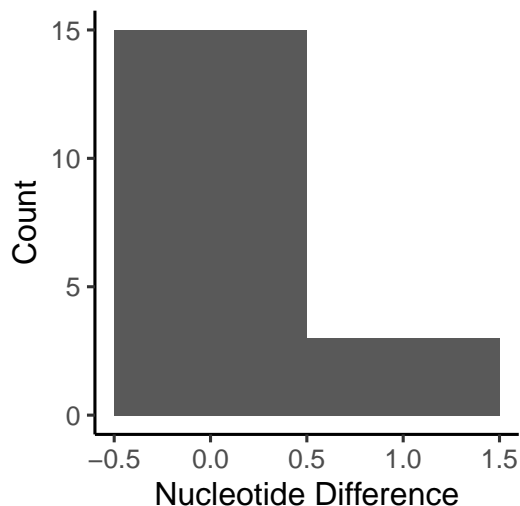
TRBV24-1*bp01

112 sequences assigned
62 (55.4%) exact matches, in which:
48 unique CDR3
12 unique J



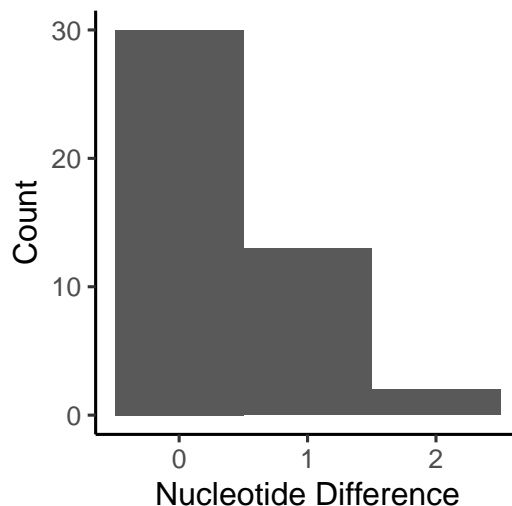
TRBV4-1*bp01

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



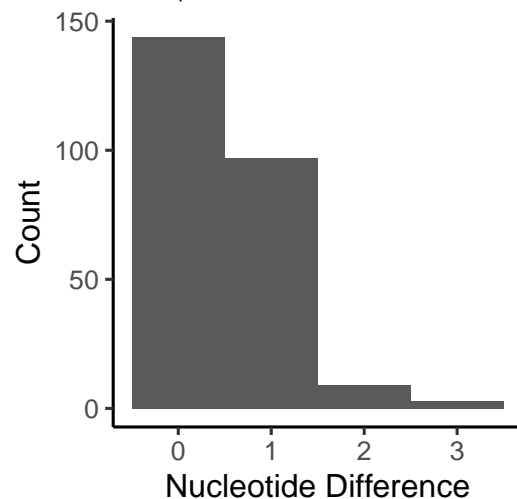
TRBV25-1*bp01

45 sequences assigned
30 (66.7%) exact matches, in which:
17 unique CDR3
7 unique J



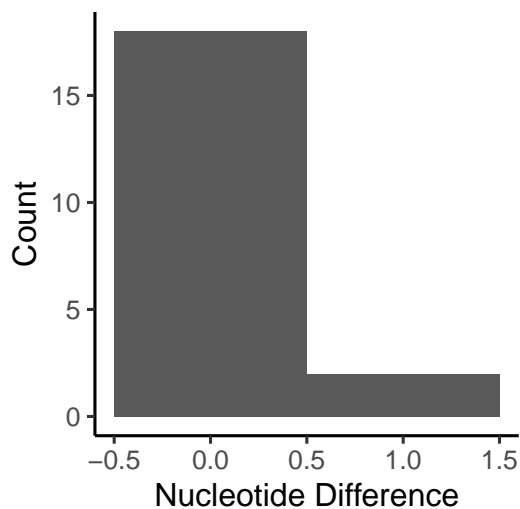
TRBV5-4*bp01

253 sequences assigned
144 (56.9%) exact matches, in which:
116 unique CDR3
14 unique J



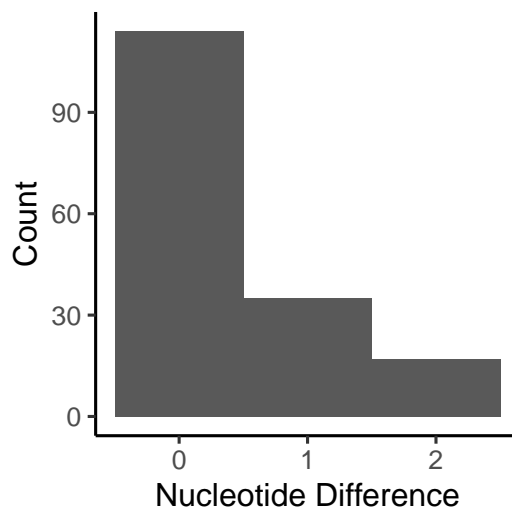
TRBV4-2*bp01

20 sequences assigned
18 (90%) exact matches, in which:
17 unique CDR3
7 unique J



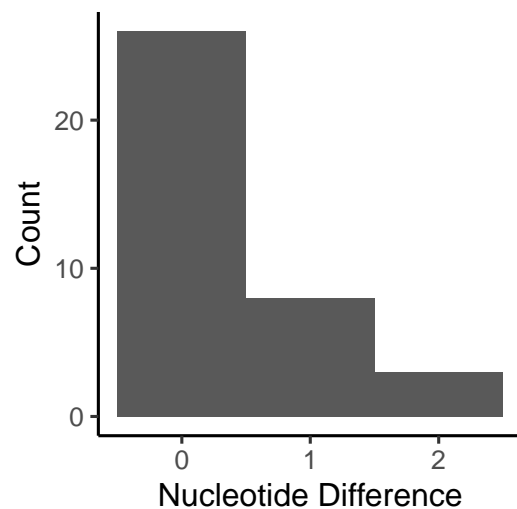
TRBV5-1*bp01

166 sequences assigned
114 (68.7%) exact matches, in which:
85 unique CDR3
13 unique J



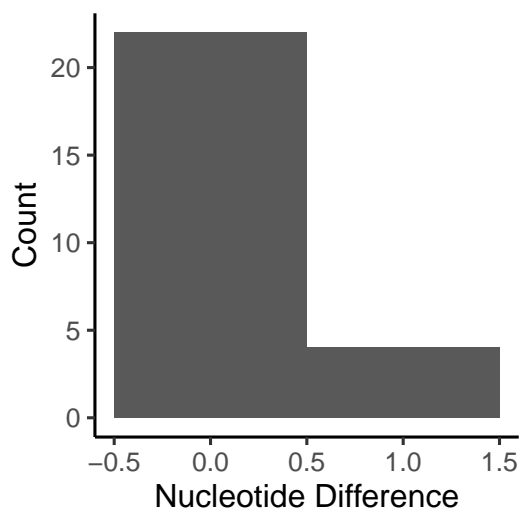
TRBV5-5*bp01

37 sequences assigned
26 (70.3%) exact matches, in which:
21 unique CDR3
8 unique J



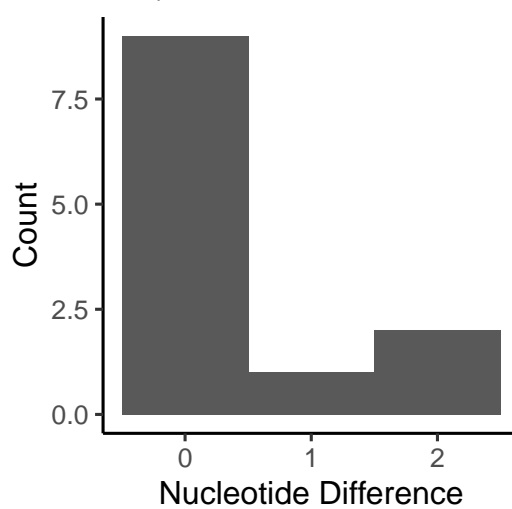
TRBV4-3*bp01

26 sequences assigned
22 (84.6%) exact matches, in which:
21 unique CDR3
9 unique J



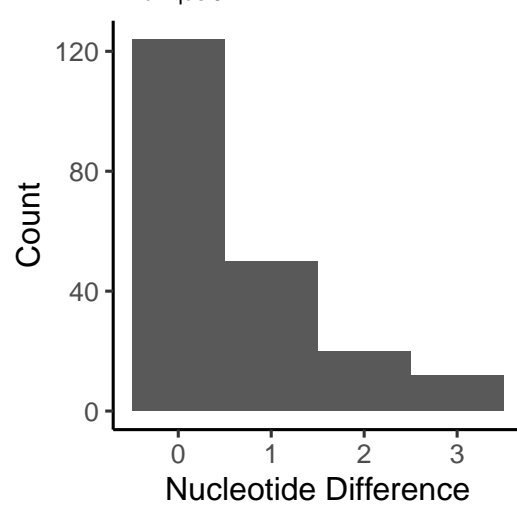
TRBV5-3*bp01

12 sequences assigned
9 (75%) exact matches, in which:
6 unique CDR3
4 unique J



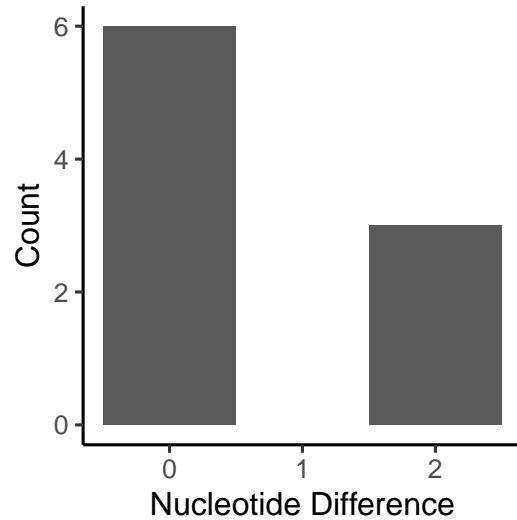
TRBV5-6*bp01

206 sequences assigned
124 (60.2%) exact matches, in which:
95 unique CDR3
12 unique J



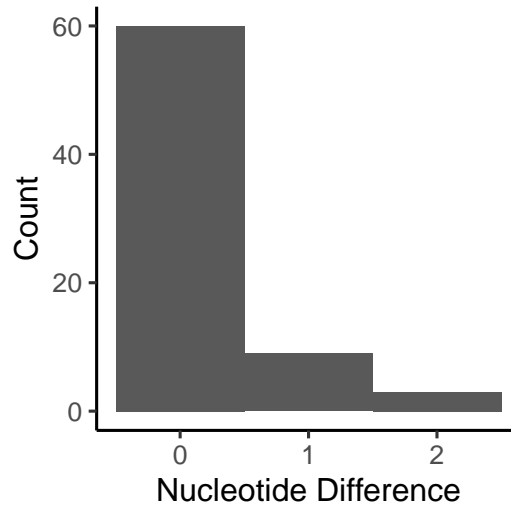
TRBV5-7*bp01

9 sequences assigned
6 (66.7%) exact matches, in which:
4 unique CDR3
4 unique J



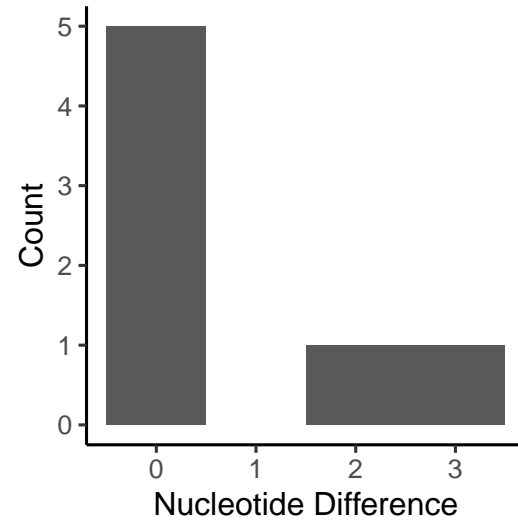
TRBV6-4*bp01

72 sequences assigned
60 (83.3%) exact matches, in which:
45 unique CDR3
12 unique J



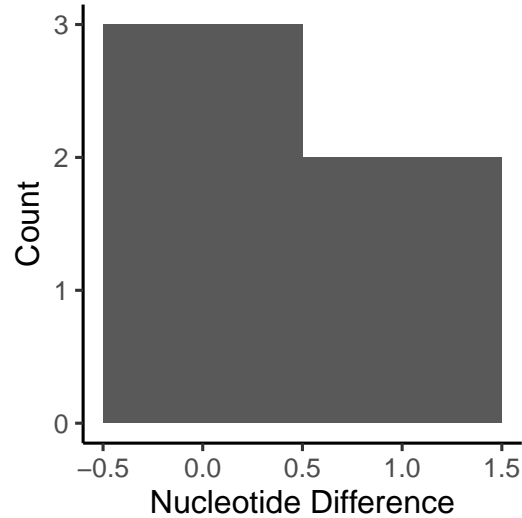
TRBV6-7*bp01

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



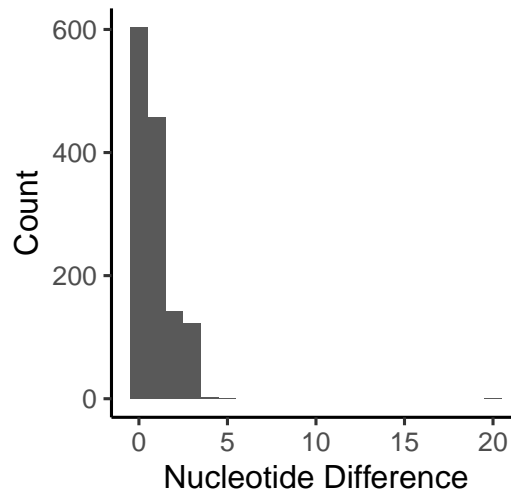
TRBV5-8*bp01

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



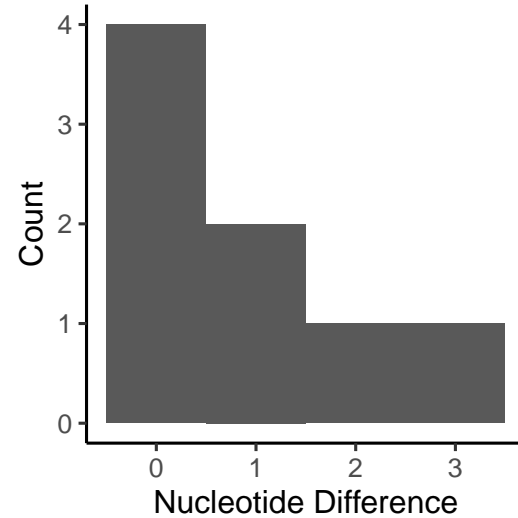
TRBV6-5*bp01

1332 sequences assigned
604 (45.3%) exact matches, in which:
457 unique CDR3
14 unique J



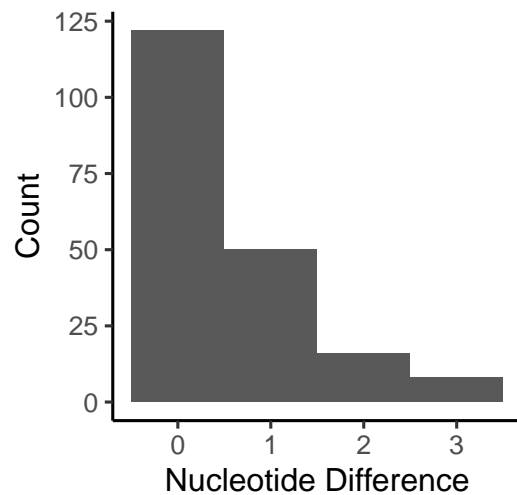
TRBV6-8*bp01

9 sequences assigned
4 (44.4%) exact matches, in which:
2 unique CDR3
3 unique J



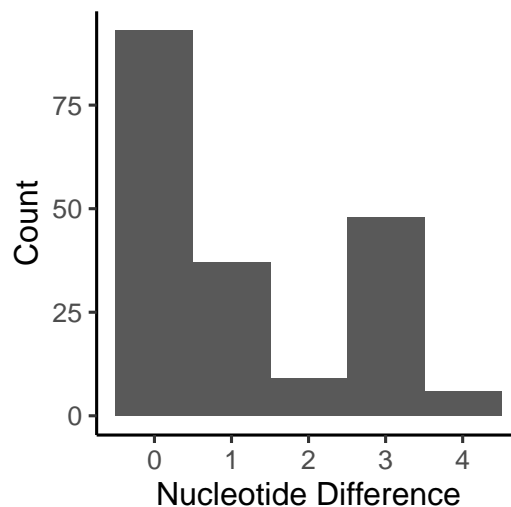
TRBV6-1*bp01

196 sequences assigned
122 (62.2%) exact matches, in which:
107 unique CDR3
14 unique J



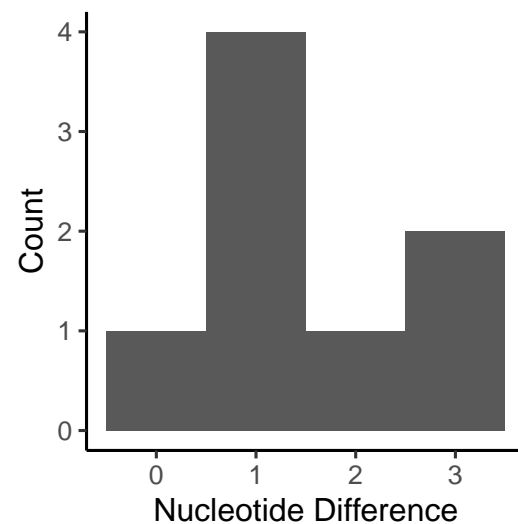
TRBV6-6*bp01

193 sequences assigned
93 (48.2%) exact matches, in which:
80 unique CDR3
14 unique J



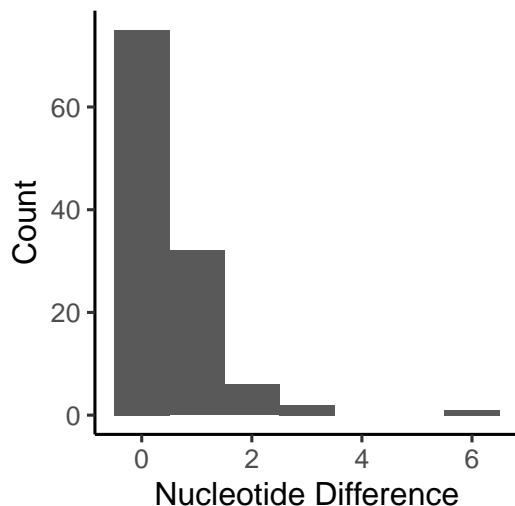
TRBV6-9*bp01

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



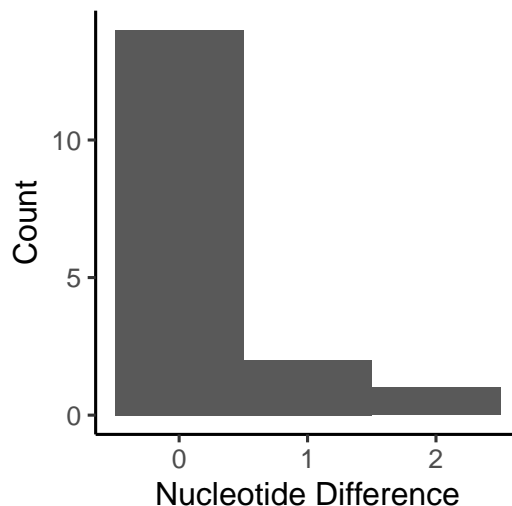
TRBV6-23*bp01

116 sequences assigned
75 (64.7%) exact matches, in which:
57 unique CDR3
11 unique J



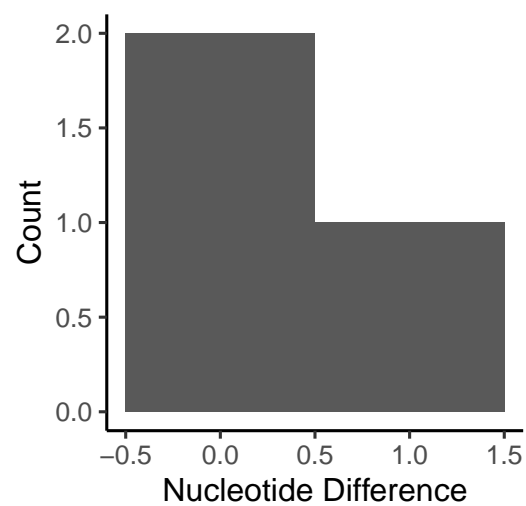
TRBV7-4*bp01

17 sequences assigned
14 (82.4%) exact matches, in which:
11 unique CDR3
5 unique J



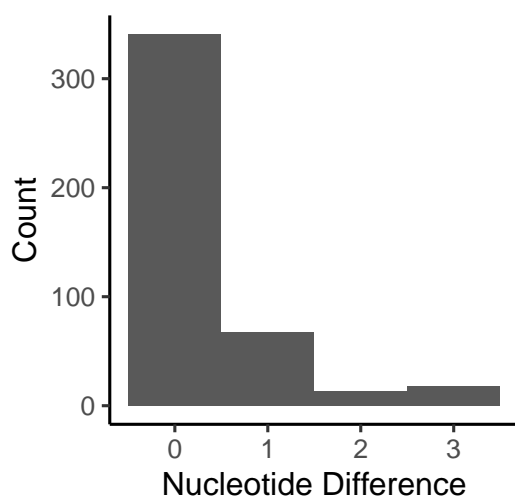
TRBV7-8*bp01

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



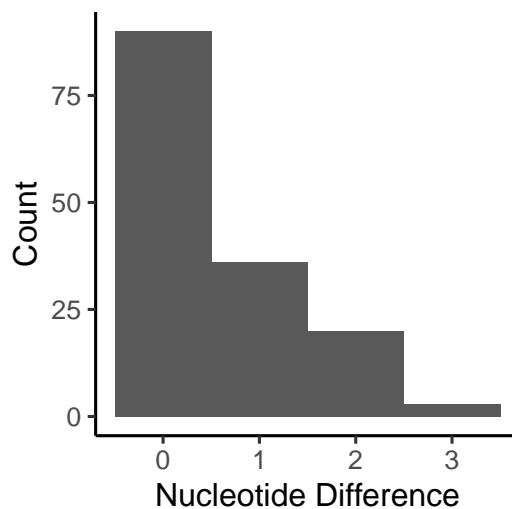
TRBV7-2*bp01

439 sequences assigned
341 (77.7%) exact matches, in which:
198 unique CDR3
14 unique J



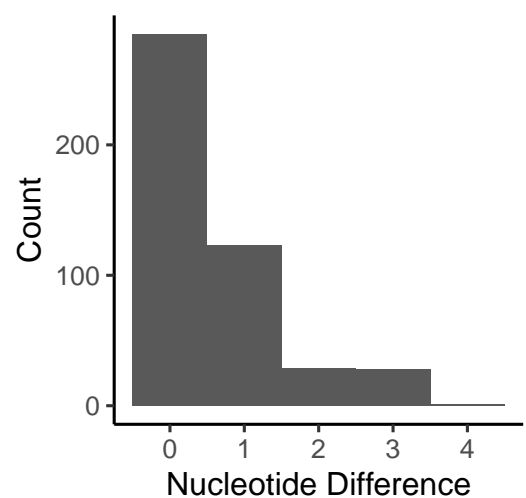
TRBV7-6*bp01

149 sequences assigned
90 (60.4%) exact matches, in which:
62 unique CDR3
13 unique J



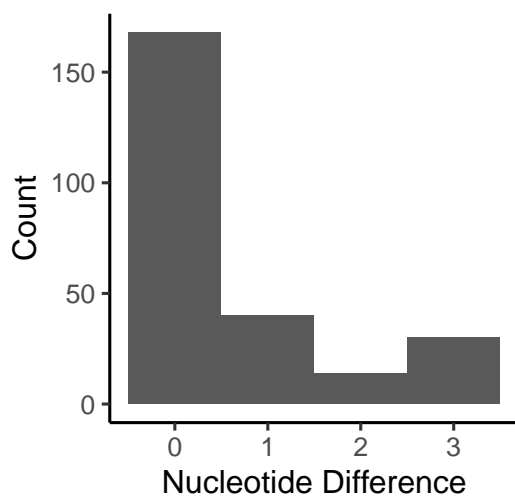
TRBV7-9*bp01

466 sequences assigned
285 (61.2%) exact matches, in which:
176 unique CDR3
14 unique J



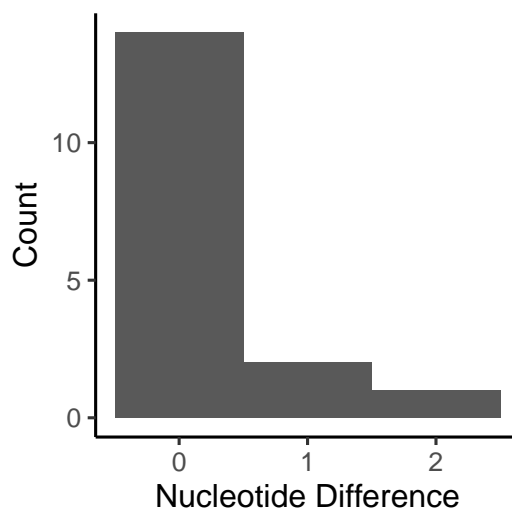
TRBV7-3*bp01

252 sequences assigned
168 (66.7%) exact matches, in which:
114 unique CDR3
13 unique J



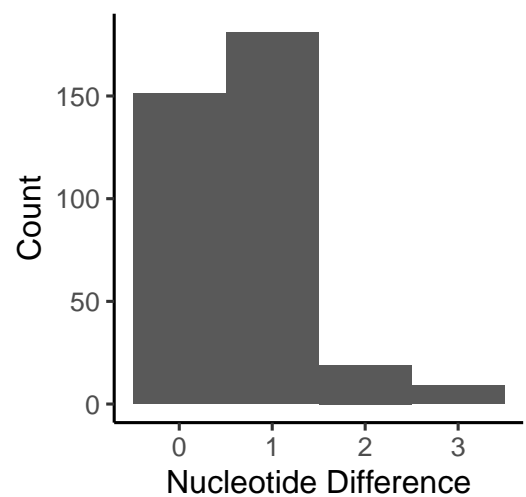
TRBV7-7*bp01

17 sequences assigned
14 (82.4%) exact matches, in which:
8 unique CDR3
5 unique J



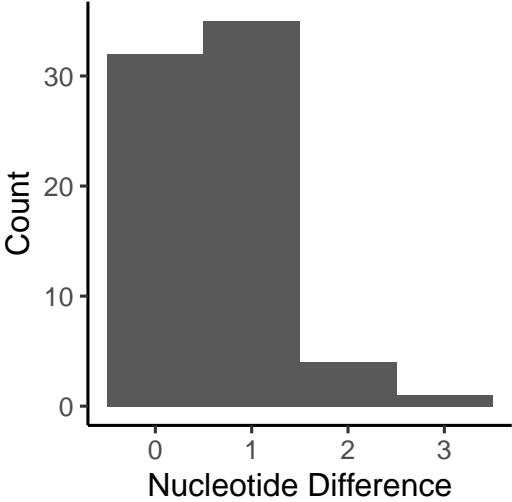
TRBV29-1*bp01

360 sequences assigned
151 (41.9%) exact matches, in which:
107 unique CDR3
13 unique J

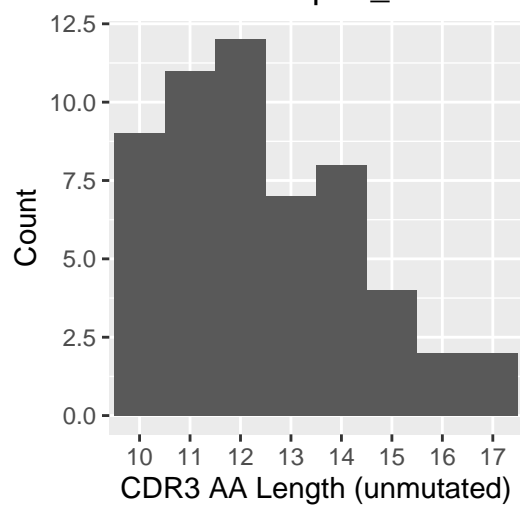


TRBV29–1*bp03

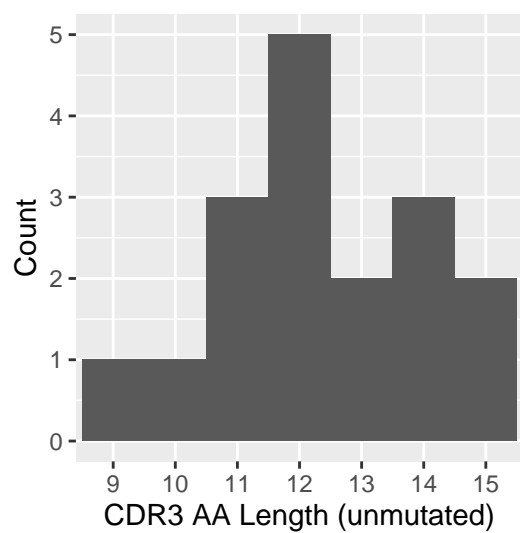
72 sequences assigned
32 (44.4%) exact matches, in which:
25 unique CDR3
8 unique J



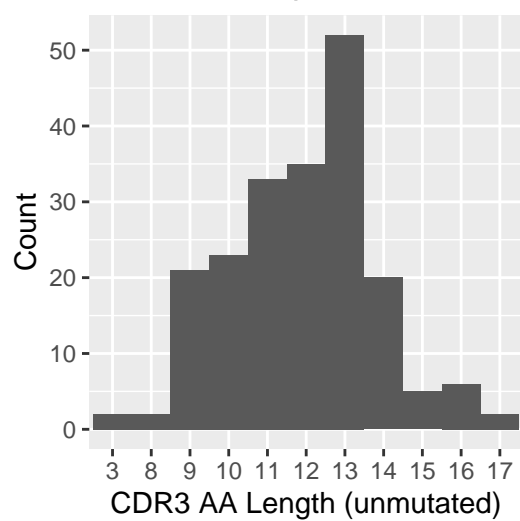
TRBV10-3*bp02_313GCCATCAGTGAGTC326

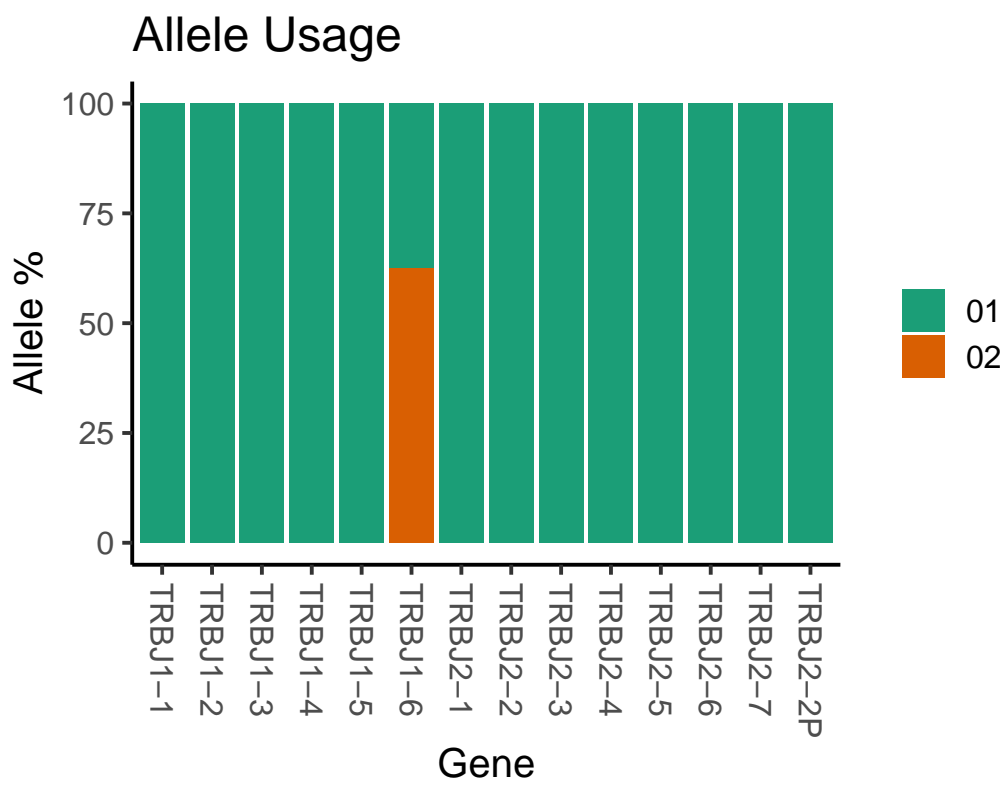


TRBV14*bp02_322CAAGA326



TRBV20-1*bp04_322GA323





Sequence Count by TRBJ1–6 allele usage



