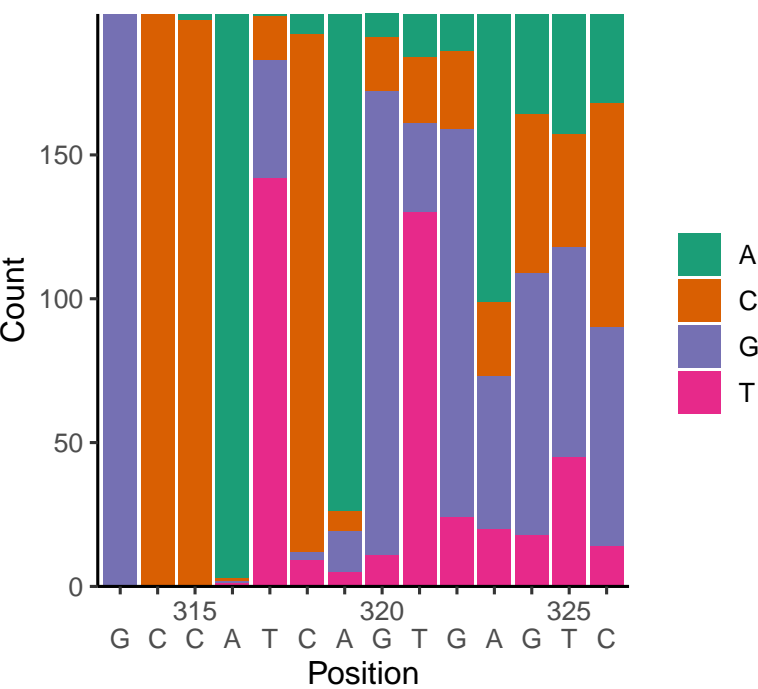
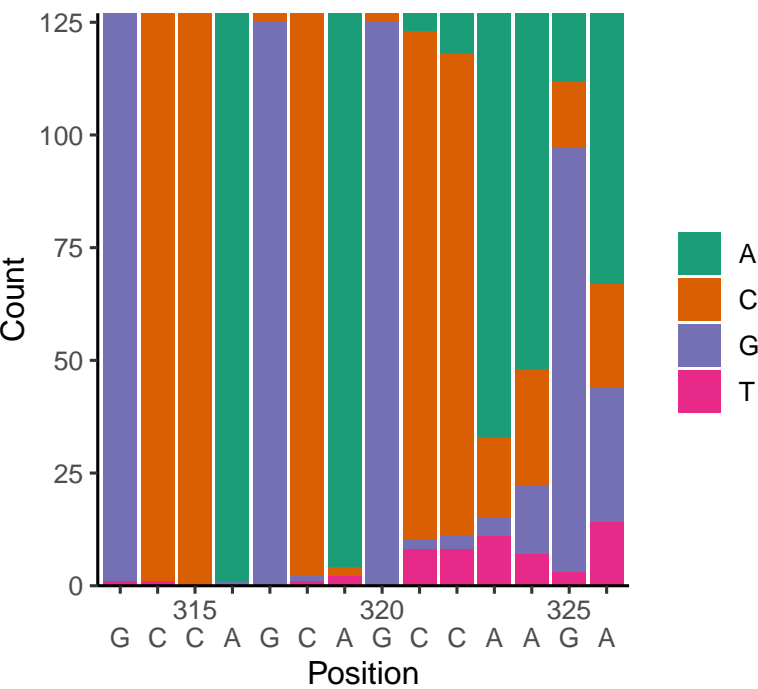


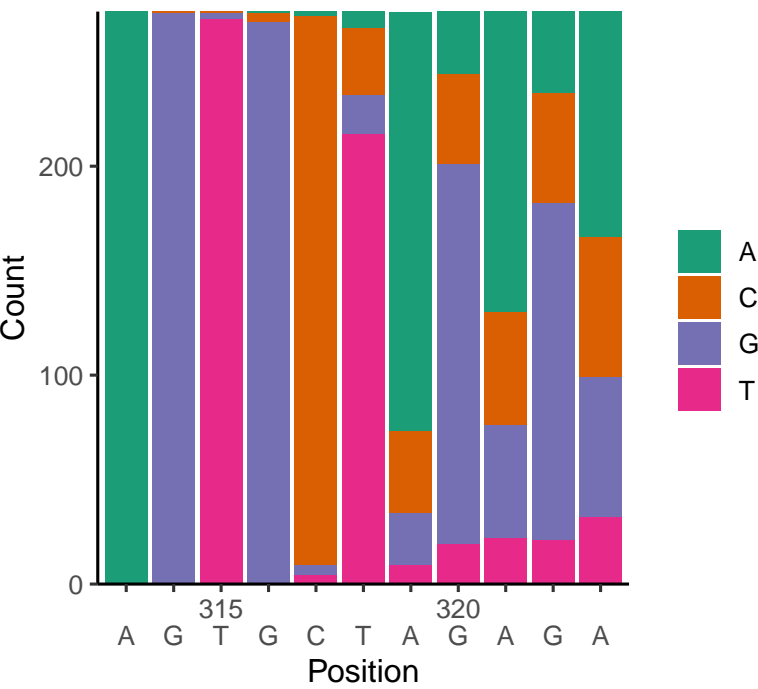
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



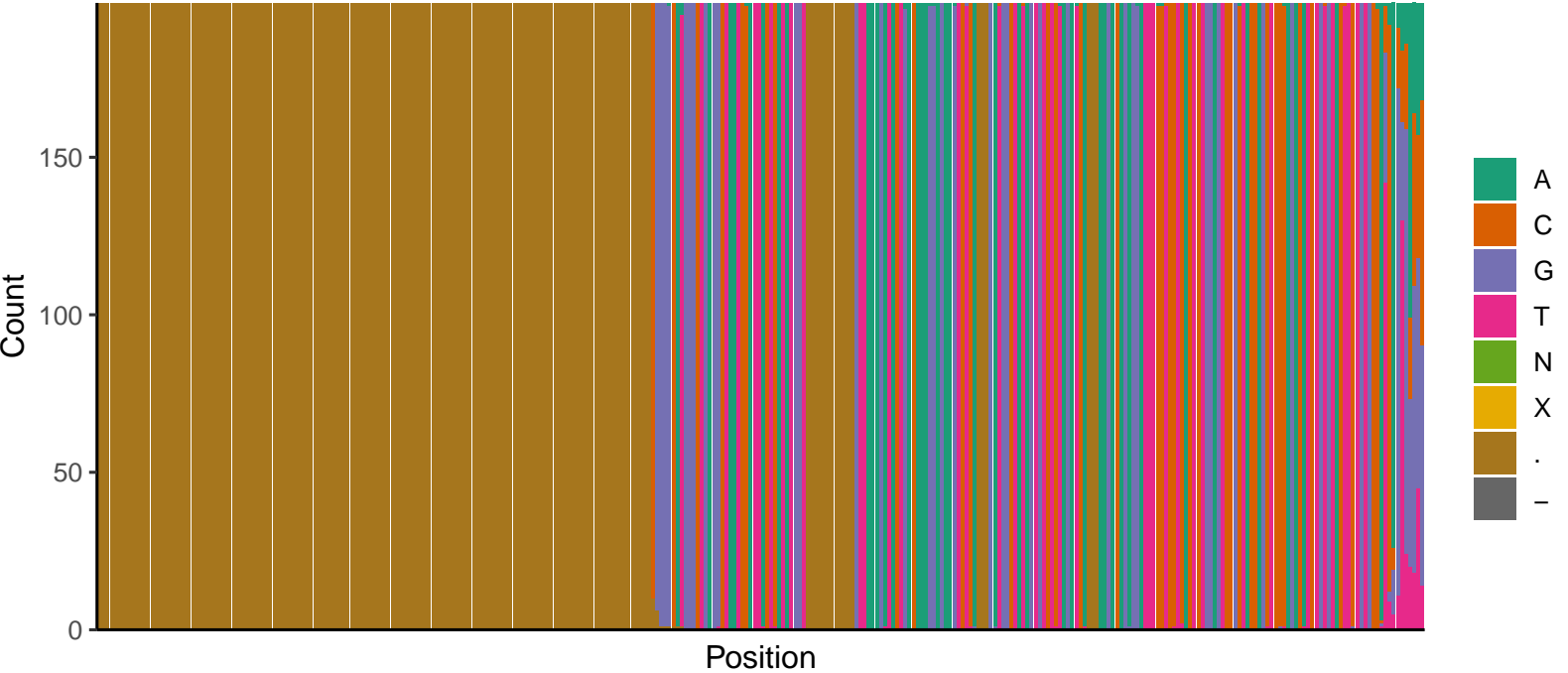
Gene TRBV14*bp02_322CAAGA326



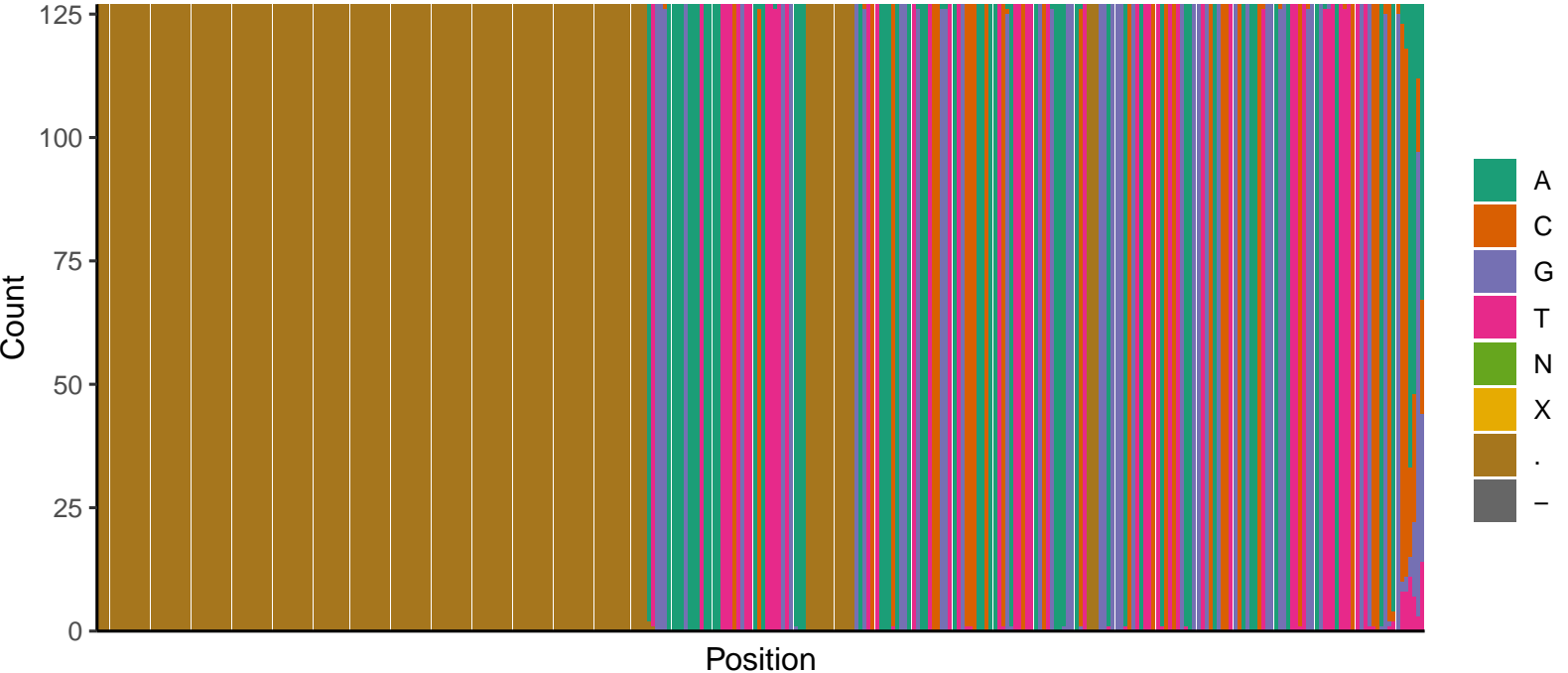
Gene TRBV20-1*bp04_322GA323



Gene TRBV10–3*bp02_313GCCATCAGTGAGTC326



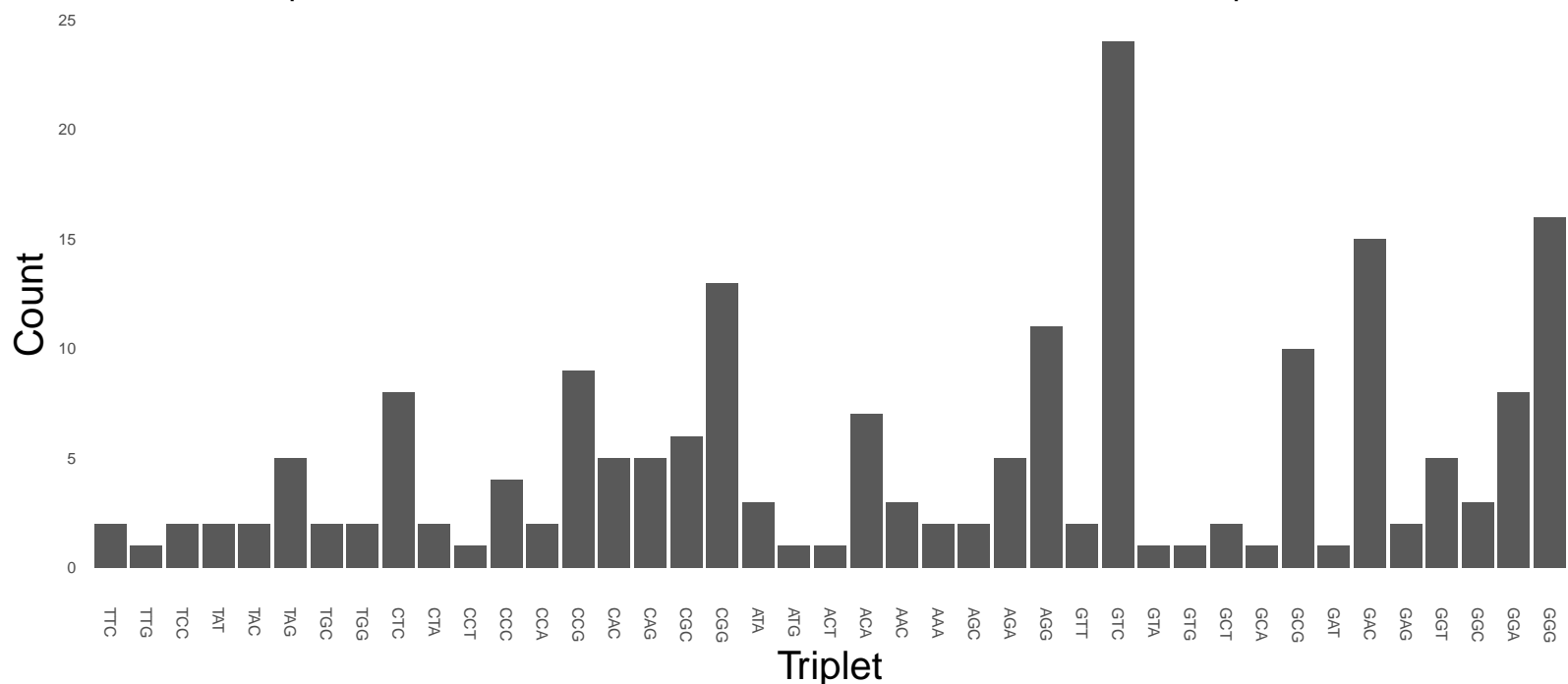
Gene TRBV14*bp02_322CAAGA326



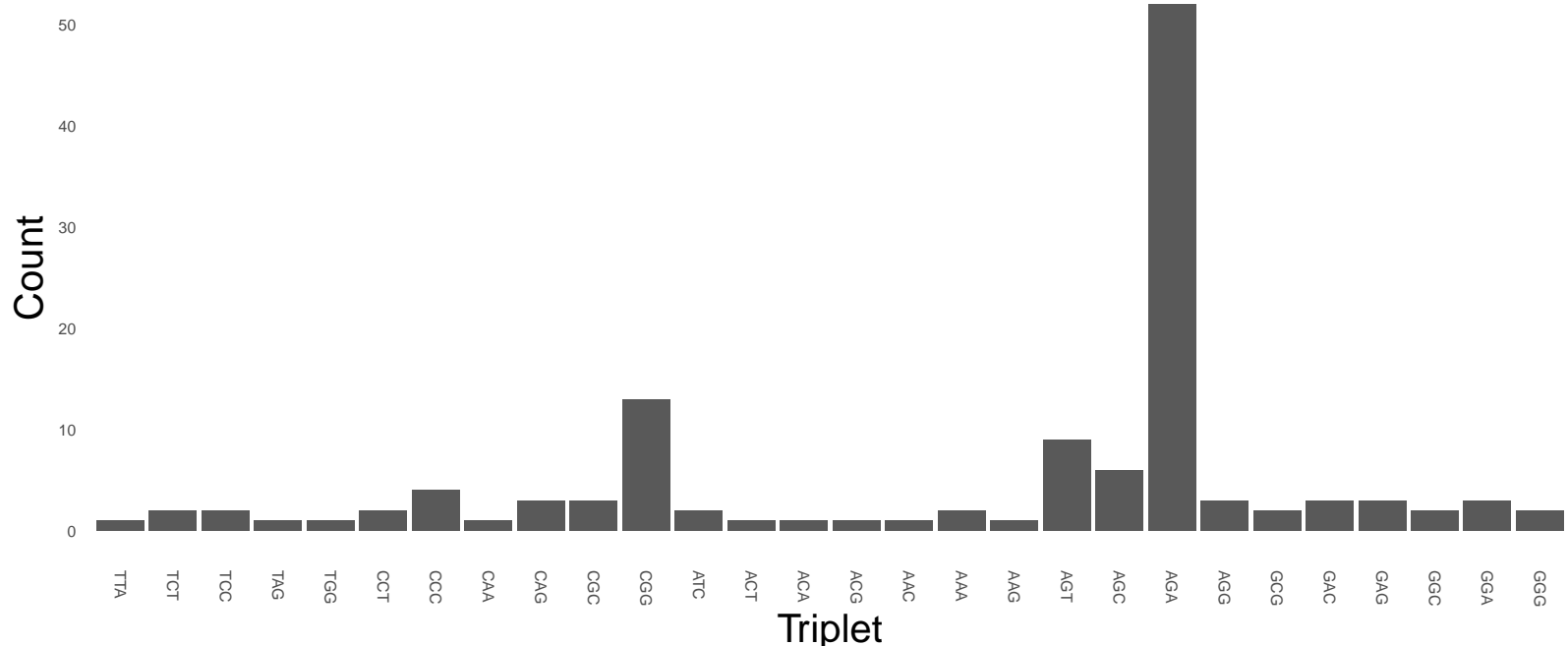
Gene TRBV20–1*bp04_322GA323



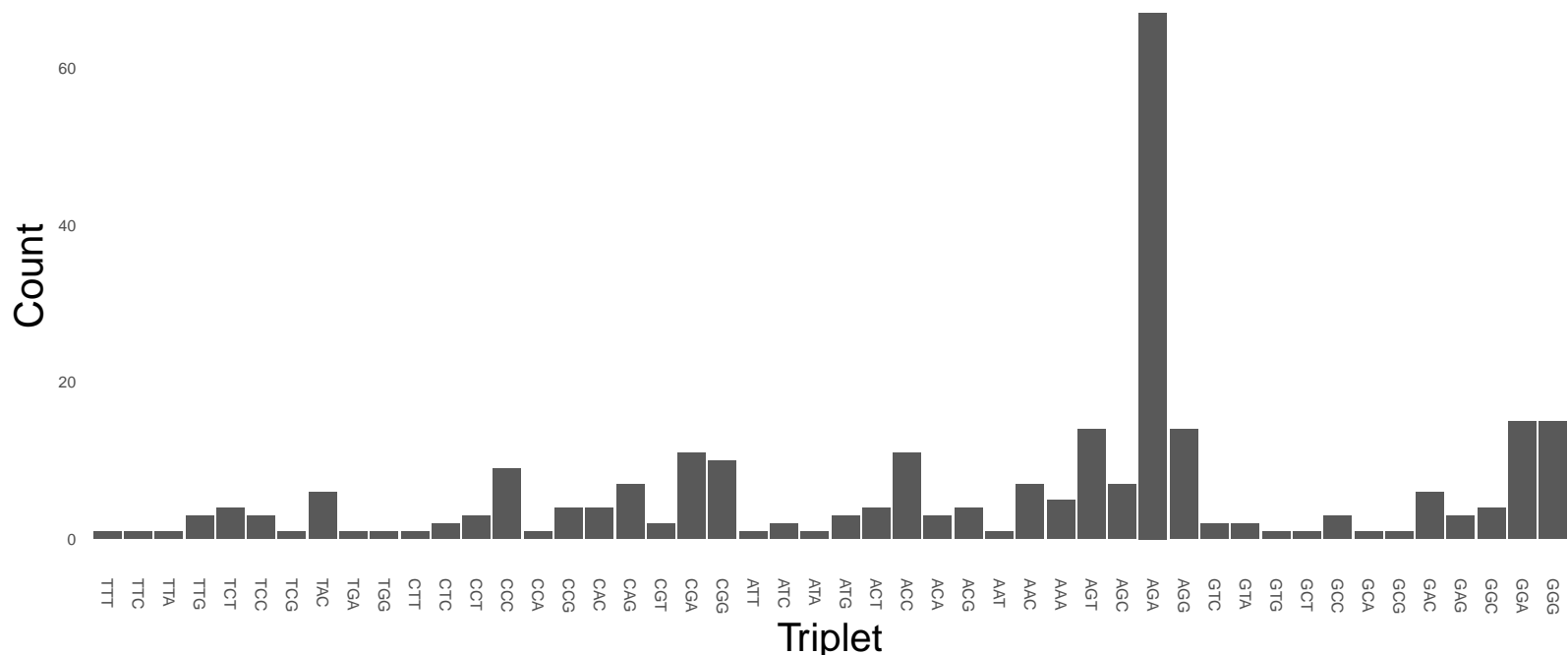
TRBV10–3*bp02_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



TRBV14*bp02_322CAAGA326– Final 3 nucleotides as a triplet

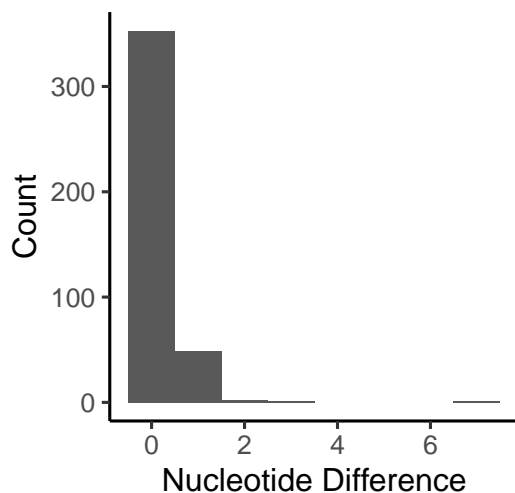


TRBV20–1*bp04_322GA323– Final 3 nucleotides as a triplet



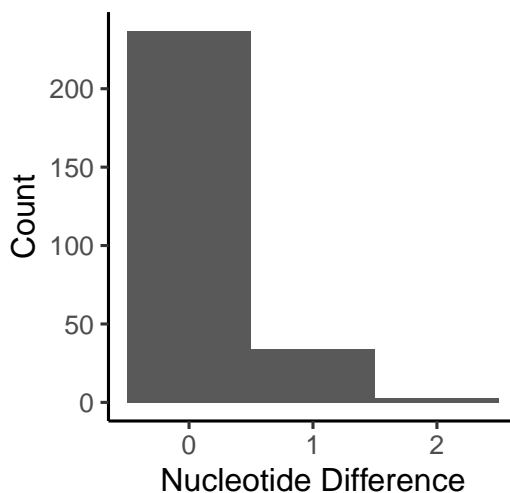
TRBV20–1*bp01

406 sequences assigned
353 (86.9%) exact matches, in which:
245 unique CDR3
13 unique J



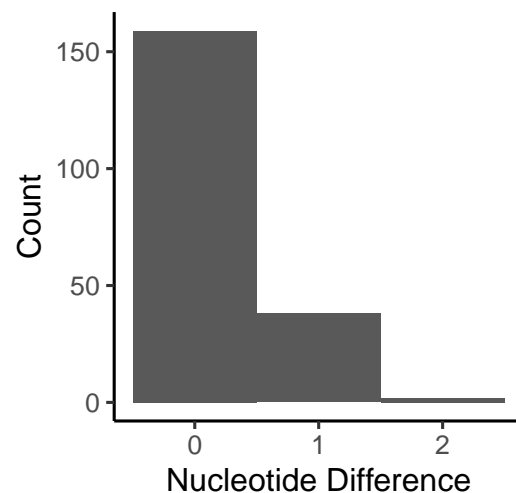
TRBV20–1*bp04_322GA:

274 sequences assigned
237 (86.5%) exact matches, in which:
180 unique CDR3
14 unique J



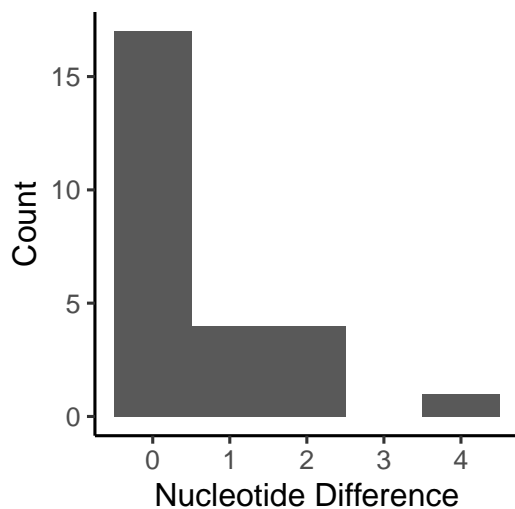
TRBV10–3*bp02_313GC

199 sequences assigned
159 (79.9%) exact matches, in which:
132 unique CDR3
14 unique J



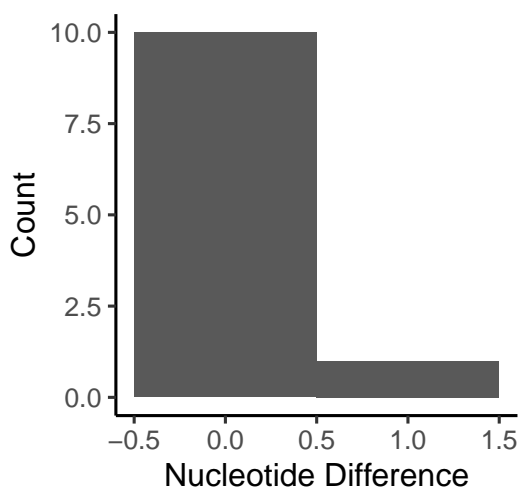
TRBV10–1*bp01

26 sequences assigned
17 (65.4%) exact matches, in which:
17 unique CDR3
9 unique J



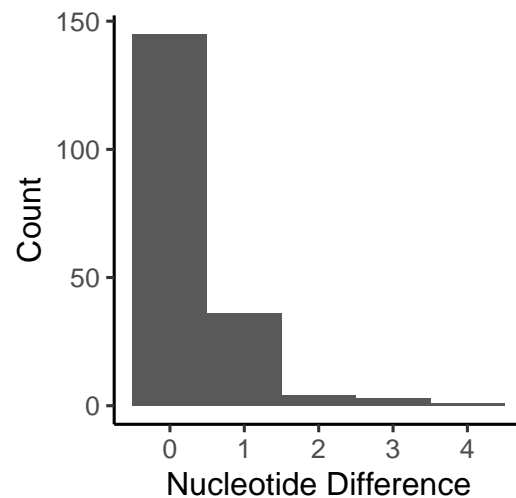
TRBV10–2*bp01

11 sequences assigned
10 (90.9%) exact matches, in which:
8 unique CDR3
6 unique J



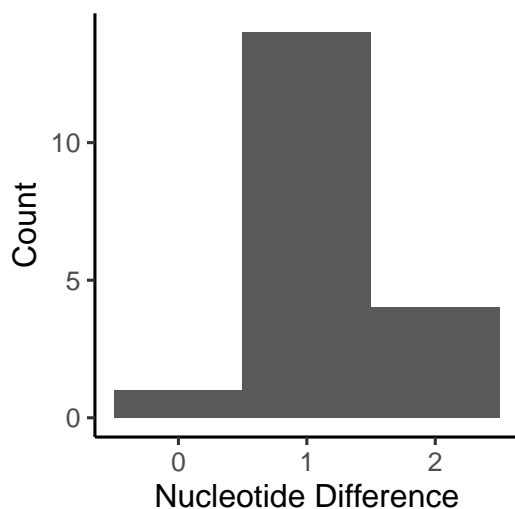
TRBV13*bp01

189 sequences assigned
145 (76.7%) exact matches, in which:
108 unique CDR3
13 unique J



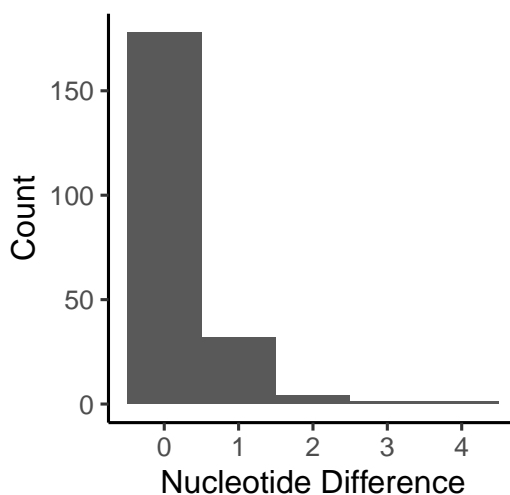
TRBV10–1*bp02

19 sequences assigned
1 (5.3%) exact matches, in which:
1 unique CDR3
1 unique J



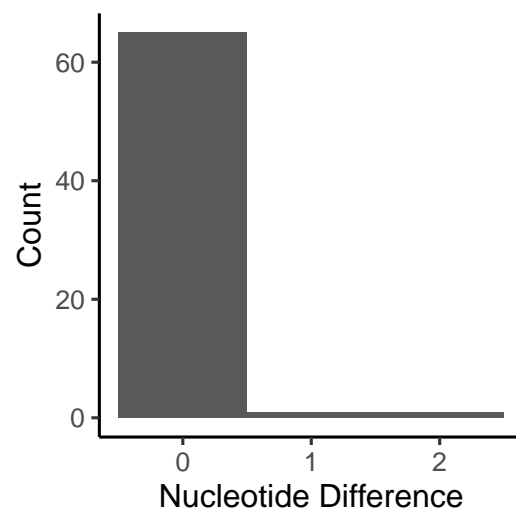
TRBV10–3*bp01

216 sequences assigned
178 (82.4%) exact matches, in which:
137 unique CDR3
14 unique J



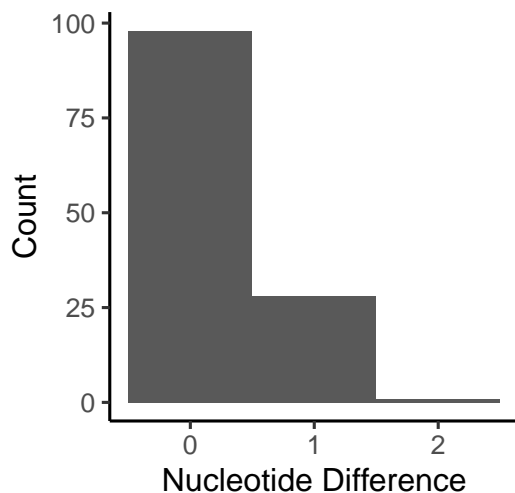
TRBV14*bp01

67 sequences assigned
65 (97%) exact matches, in which:
50 unique CDR3
12 unique J



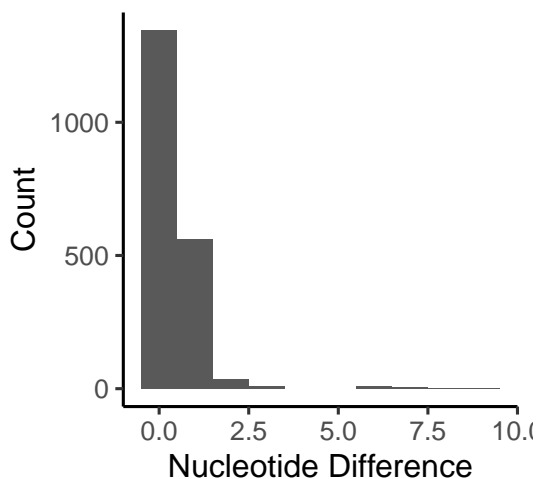
TRBV14*bp02_322CAAG

127 sequences assigned
98 (77.2%) exact matches, in which:
73 unique CDR3
11 unique J



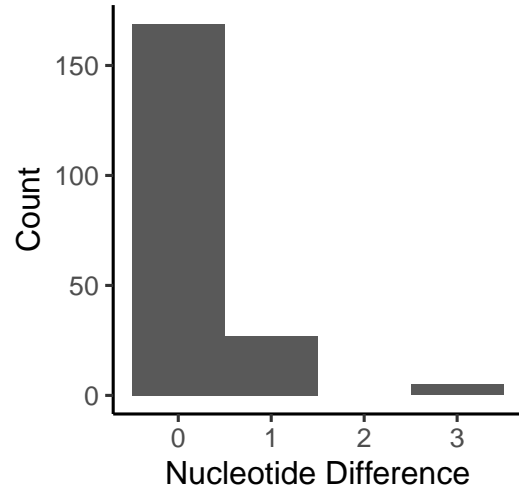
TRBV19*bp01

1970 sequences assigned
1345 (68.3%) exact matches, in which:
759 unique CDR3
14 unique J



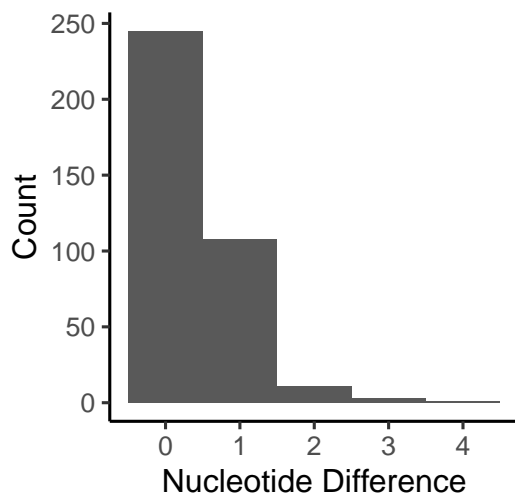
TRBV28*bp01

201 sequences assigned
169 (84.1%) exact matches, in which:
149 unique CDR3
14 unique J



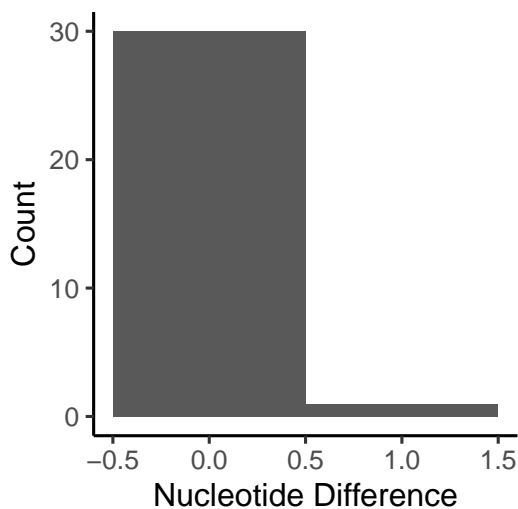
TRBV15*bp02

368 sequences assigned
245 (66.6%) exact matches, in which:
125 unique CDR3
14 unique J



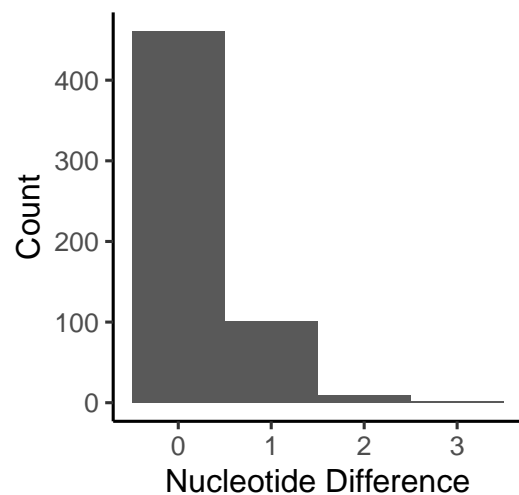
TRBV2*bp01

31 sequences assigned
30 (96.8%) exact matches, in which:
30 unique CDR3
14 unique J



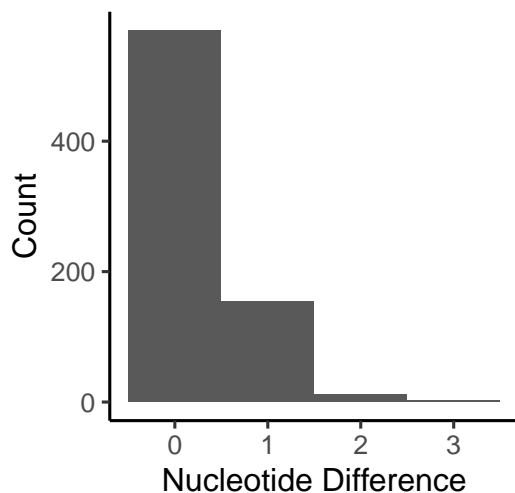
TRBV30*bp01

573 sequences assigned
461 (80.5%) exact matches, in which:
223 unique CDR3
14 unique J



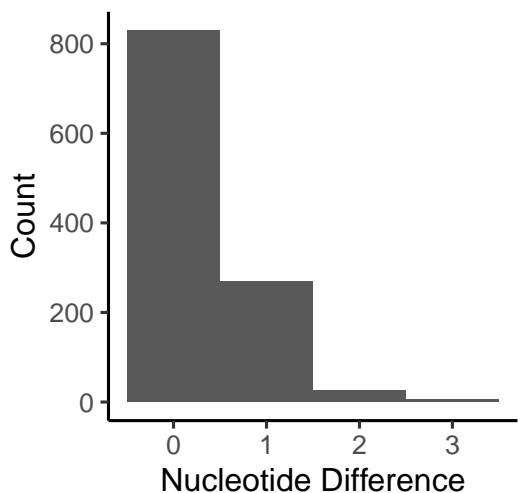
TRBV18*bp01

737 sequences assigned
570 (77.3%) exact matches, in which:
297 unique CDR3
14 unique J



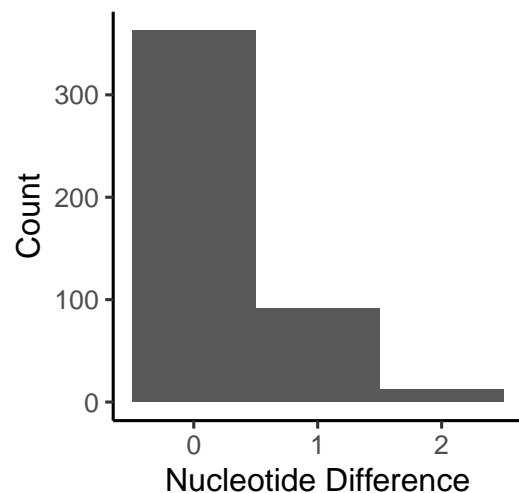
TRBV27*bp01

1131 sequences assigned
830 (73.4%) exact matches, in which:
623 unique CDR3
14 unique J



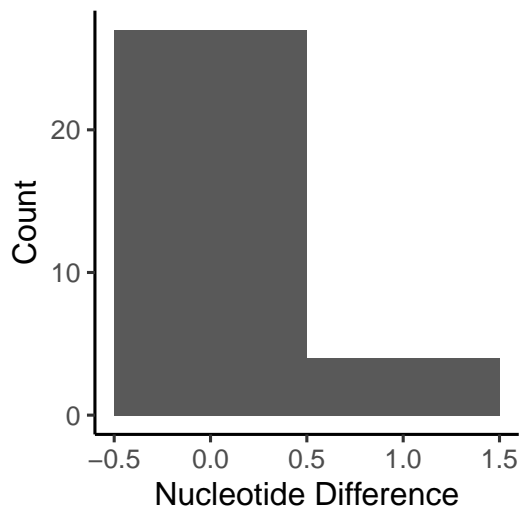
TRBV30*bp02

466 sequences assigned
363 (77.9%) exact matches, in which:
194 unique CDR3
14 unique J



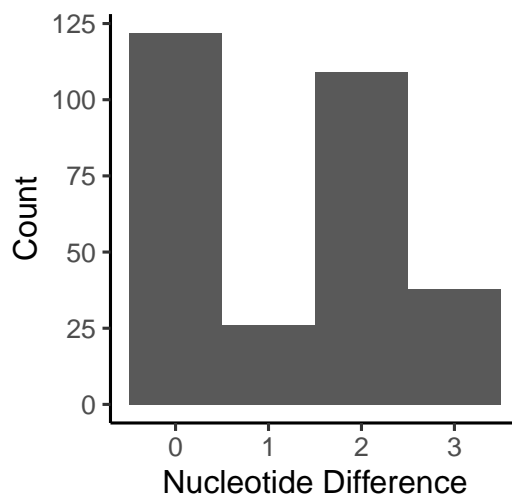
TRBV9*bp01

31 sequences assigned
27 (87.1%) exact matches, in which:
23 unique CDR3
11 unique J



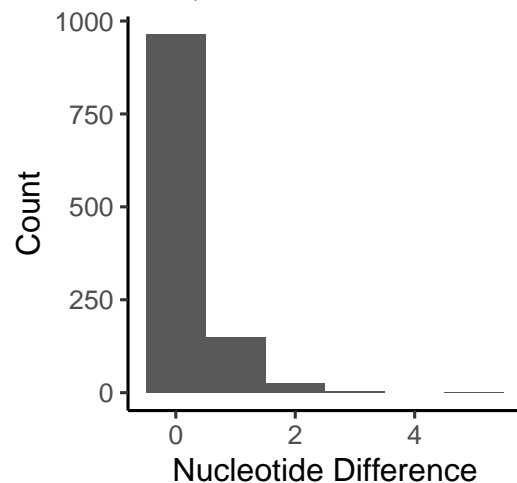
TRBV11-2*bp01

295 sequences assigned
122 (41.4%) exact matches, in which:
101 unique CDR3
14 unique J



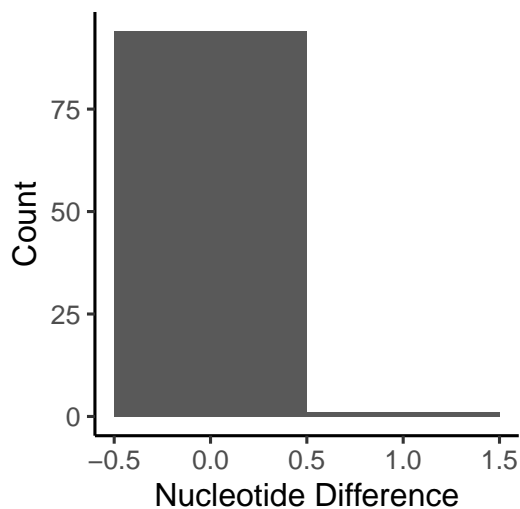
TRBV12-34*bp01

1143 sequences assigned
964 (84.3%) exact matches, in which:
522 unique CDR3
14 unique J



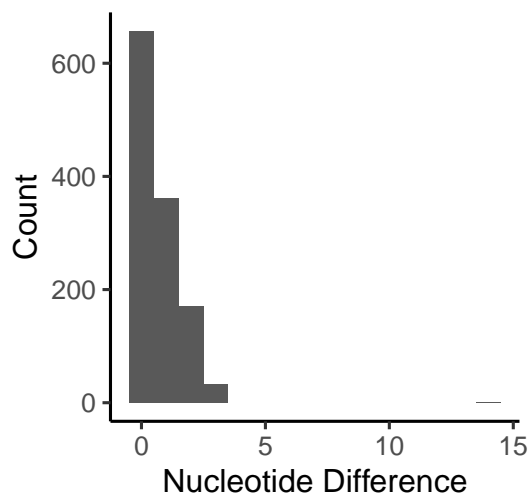
TRBV21-1*bp01

95 sequences assigned
94 (98.9%) exact matches, in which:
74 unique CDR3
13 unique J



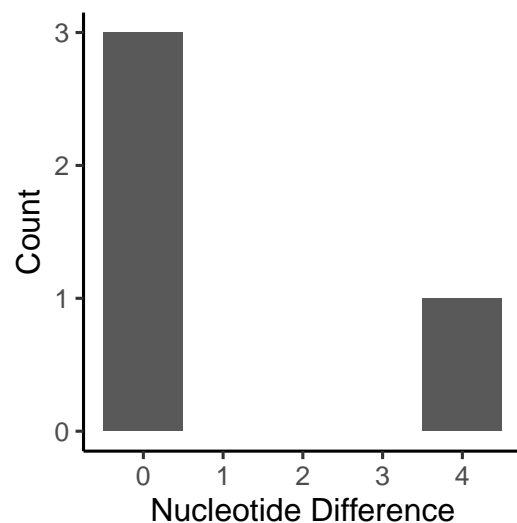
TRBV11-3*bp01

1223 sequences assigned
657 (53.7%) exact matches, in which:
440 unique CDR3
14 unique J



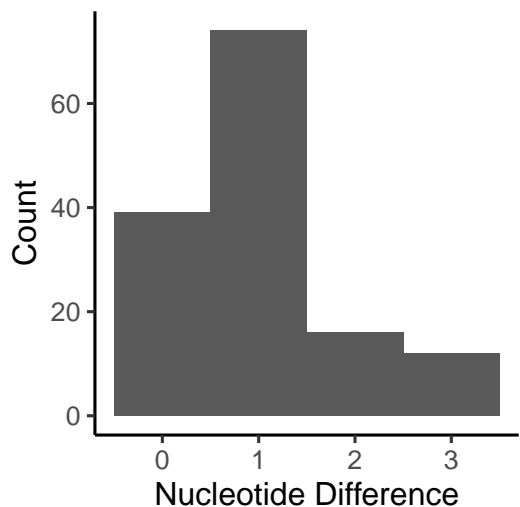
TRBV23-1*bp01

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



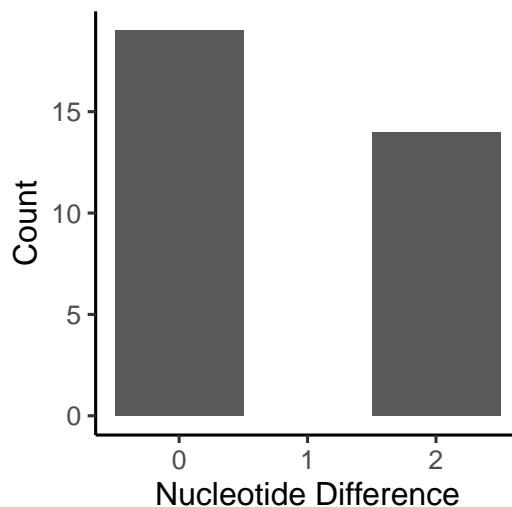
TRBV11-1*bp01

141 sequences assigned
39 (27.7%) exact matches, in which:
23 unique CDR3
8 unique J



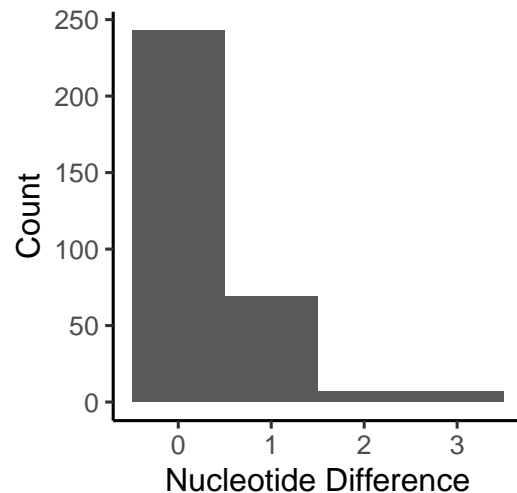
TRBV12-5*bp01

33 sequences assigned
19 (57.6%) exact matches, in which:
17 unique CDR3
8 unique J



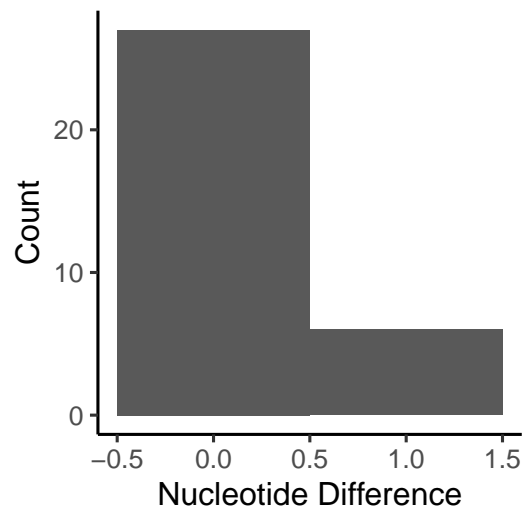
TRBV24-1*bp01

326 sequences assigned
243 (74.5%) exact matches, in which:
169 unique CDR3
14 unique J



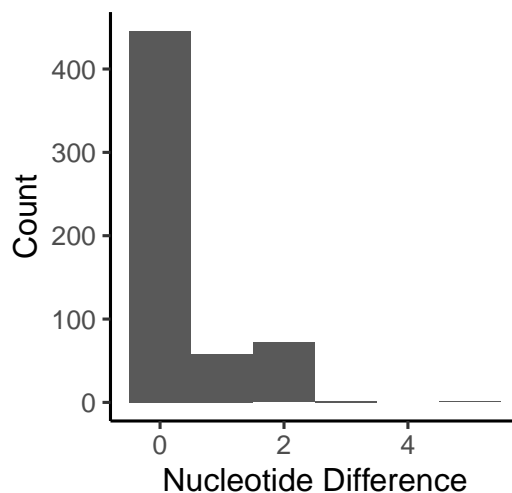
TRBV4-1*bp01

33 sequences assigned
27 (81.8%) exact matches, in which:
26 unique CDR3
7 unique J



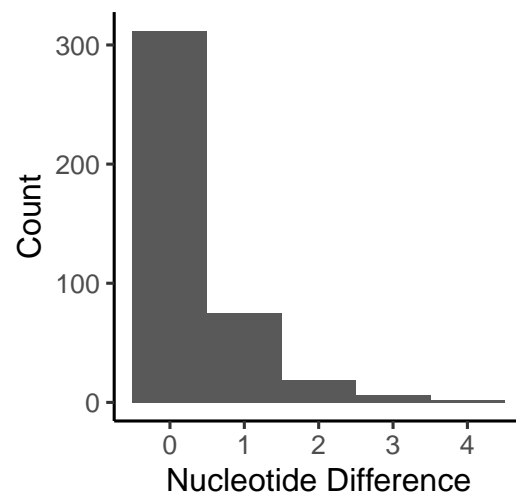
TRBV5-1*bp01

579 sequences assigned
446 (77%) exact matches, in which:
308 unique CDR3
14 unique J



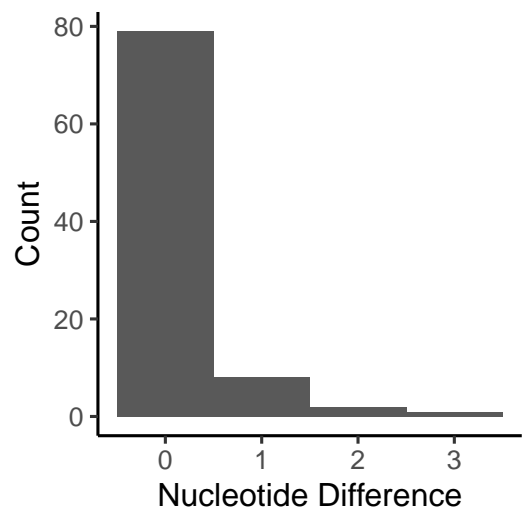
TRBV5-4*bp01

414 sequences assigned
312 (75.4%) exact matches, in which:
214 unique CDR3
14 unique J



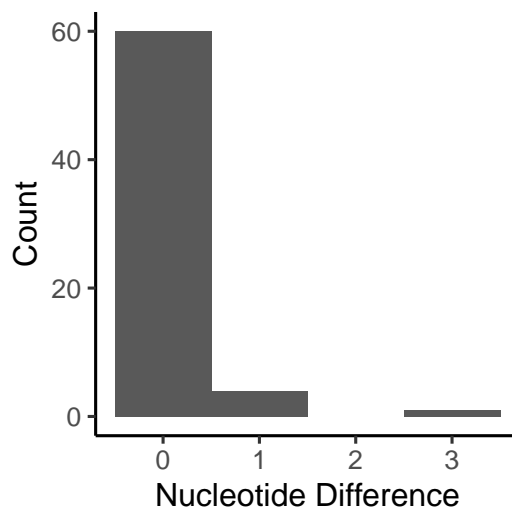
TRBV4-2*bp01

90 sequences assigned
79 (87.8%) exact matches, in which:
70 unique CDR3
13 unique J



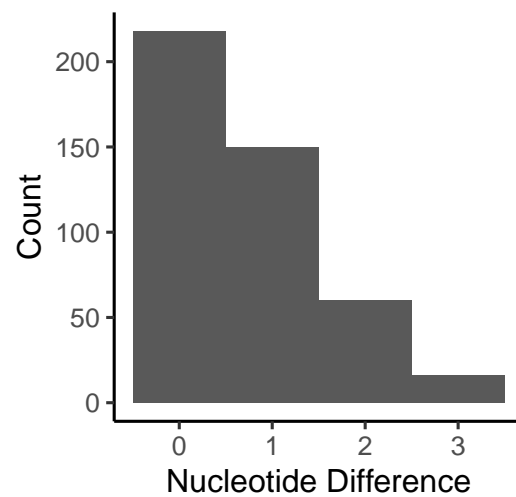
TRBV25-1*bp01

65 sequences assigned
60 (92.3%) exact matches, in which:
50 unique CDR3
11 unique J



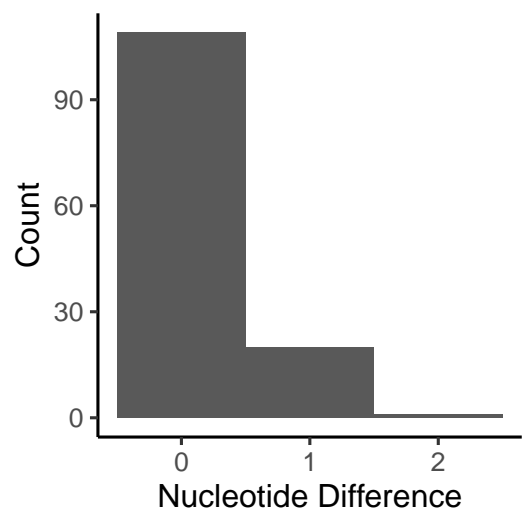
TRBV5-5*bp01

444 sequences assigned
218 (49.1%) exact matches, in which:
129 unique CDR3
13 unique J



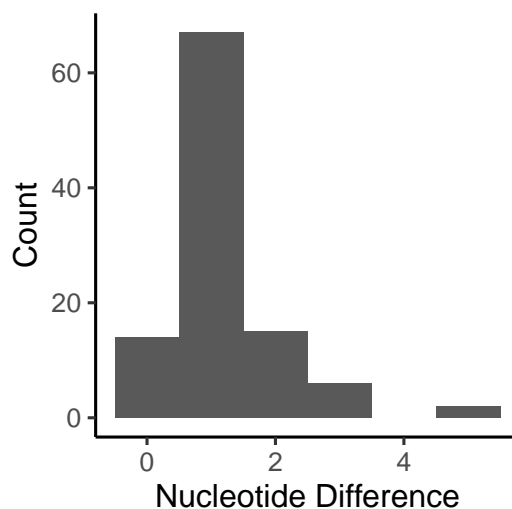
TRBV4-3*bp01

130 sequences assigned
109 (83.8%) exact matches, in which:
90 unique CDR3
14 unique J



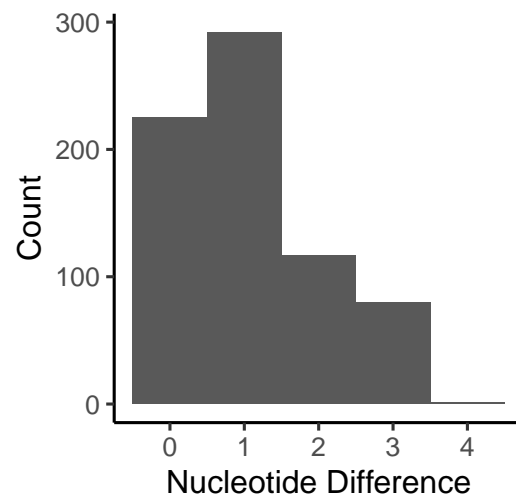
TRBV5-3*bp01

104 sequences assigned
14 (13.5%) exact matches, in which:
8 unique CDR3
7 unique J



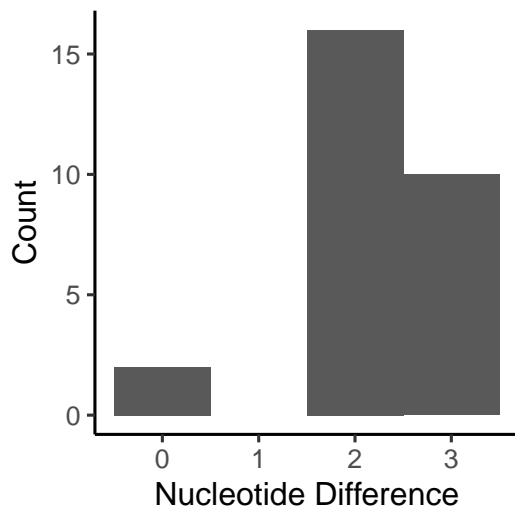
TRBV5-6*bp01

715 sequences assigned
225 (31.5%) exact matches, in which:
143 unique CDR3
14 unique J



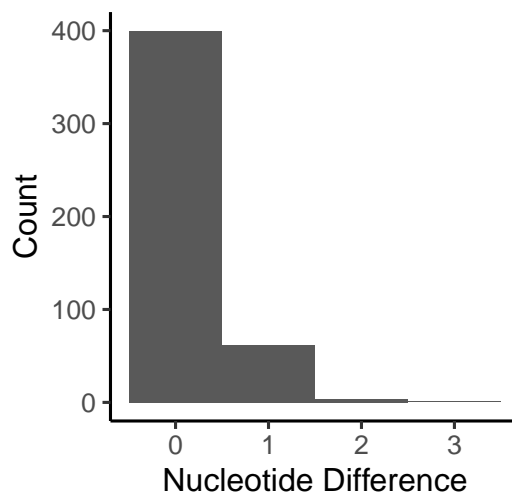
TRBV5-7*bp01

28 sequences assigned
2 (7.1%) exact matches, in which:
2 unique CDR3
2 unique J



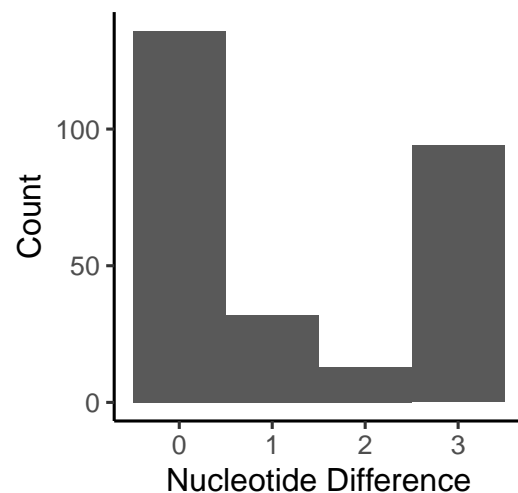
TRBV6-4*bp01

467 sequences assigned
400 (85.7%) exact matches, in which:
259 unique CDR3
13 unique J



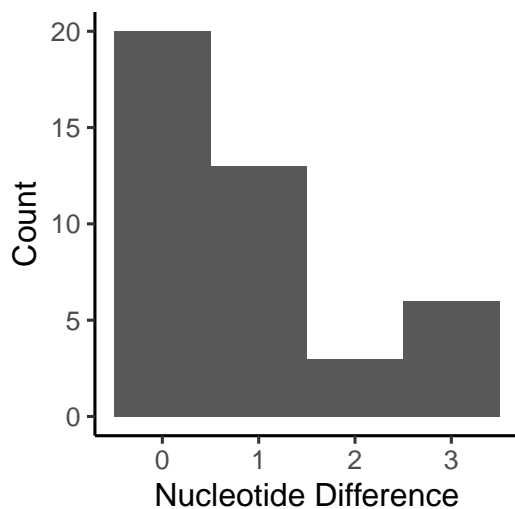
TRBV6-6*bp02

275 sequences assigned
136 (49.5%) exact matches, in which:
118 unique CDR3
14 unique J



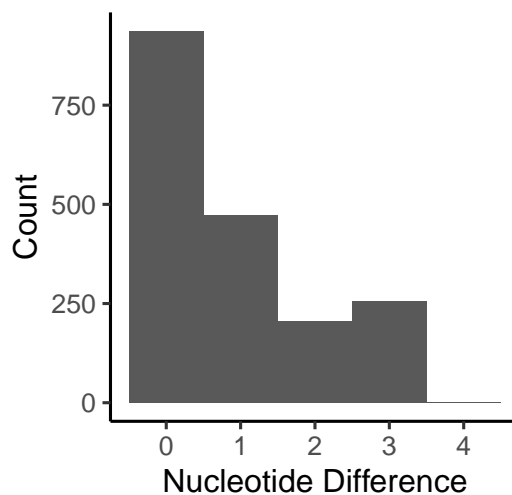
TRBV5-8*bp01

42 sequences assigned
20 (47.6%) exact matches, in which:
17 unique CDR3
10 unique J



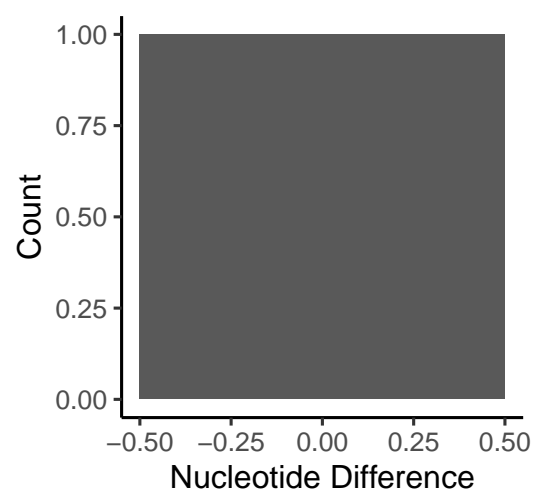
TRBV6-5*bp01

1873 sequences assigned
937 (50%) exact matches, in which:
728 unique CDR3
14 unique J



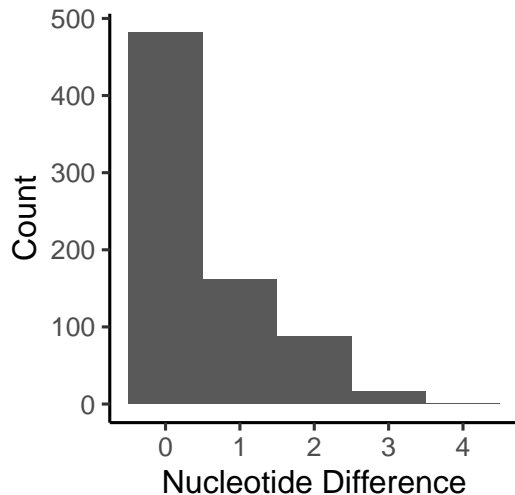
TRBV6-7*bp01

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



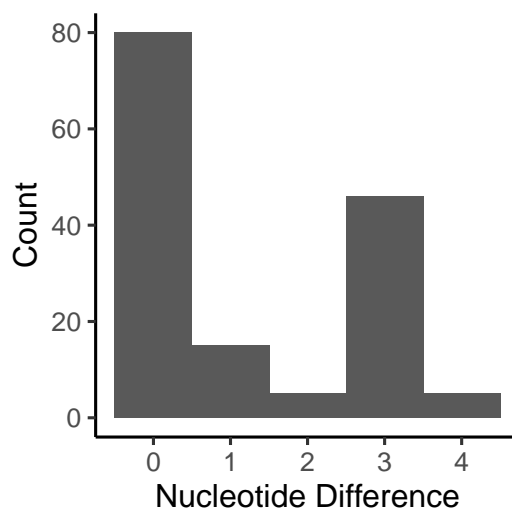
TRBV6-1*bp01

749 sequences assigned
482 (64.4%) exact matches, in which:
389 unique CDR3
14 unique J



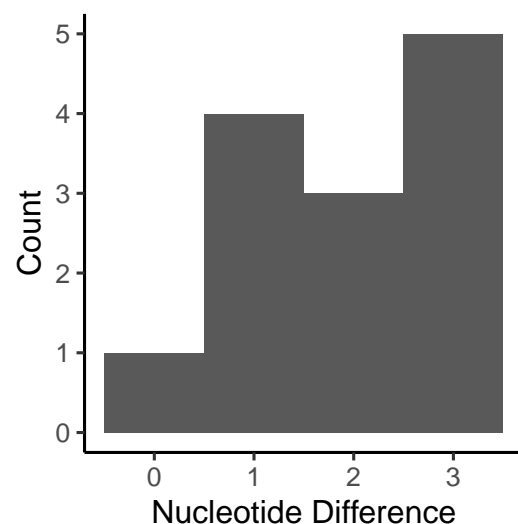
TRBV6-6*bp01

151 sequences assigned
80 (53%) exact matches, in which:
76 unique CDR3
13 unique J



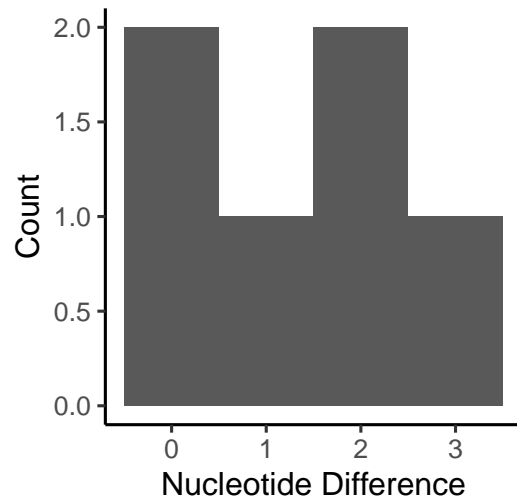
TRBV6-8*bp01

13 sequences assigned
1 (7.7%) exact matches, in which:
1 unique CDR3
1 unique J



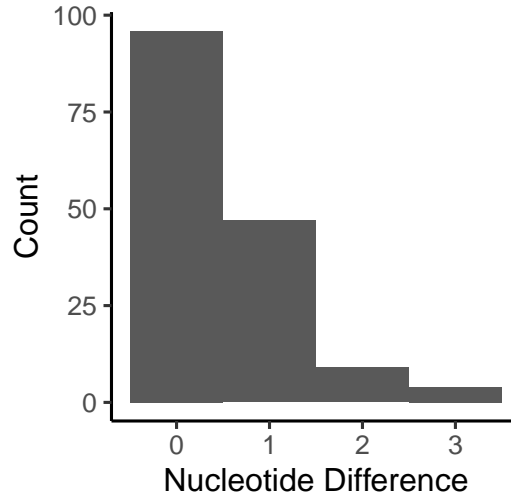
TRBV6-9*bp01

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



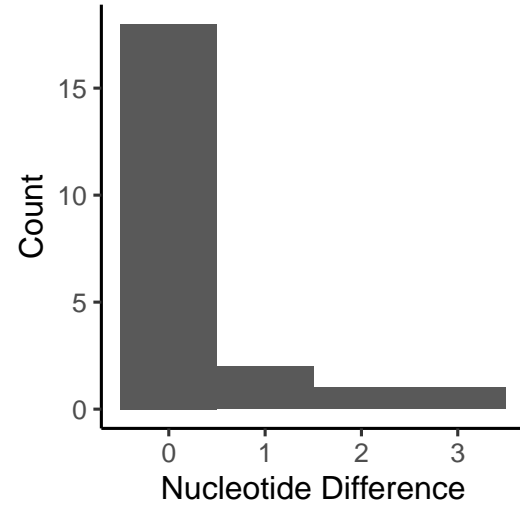
TRBV7-2*bp02

156 sequences assigned
96 (61.5%) exact matches, in which:
74 unique CDR3
12 unique J



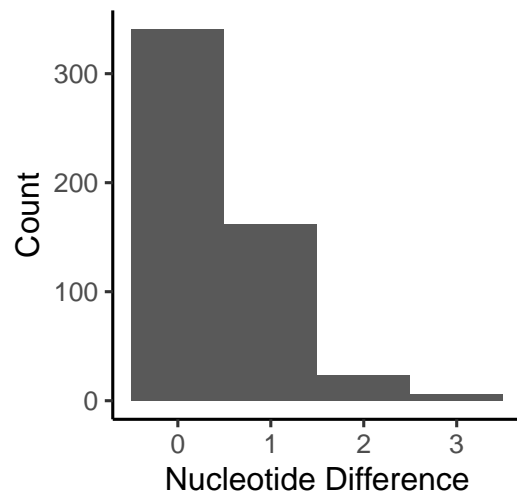
TRBV7-4*bp01

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



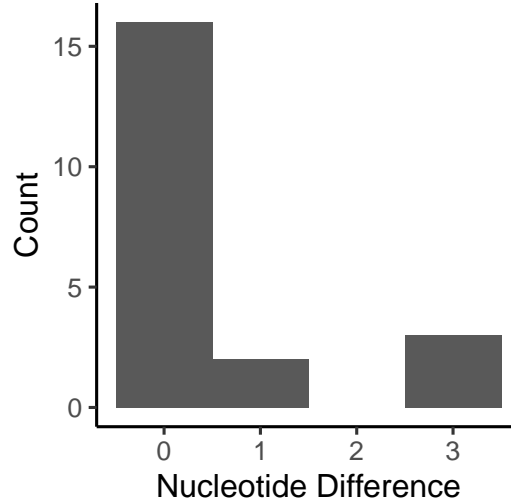
TRBV6-23*bp01

532 sequences assigned
341 (64.1%) exact matches, in which:
270 unique CDR3
14 unique J



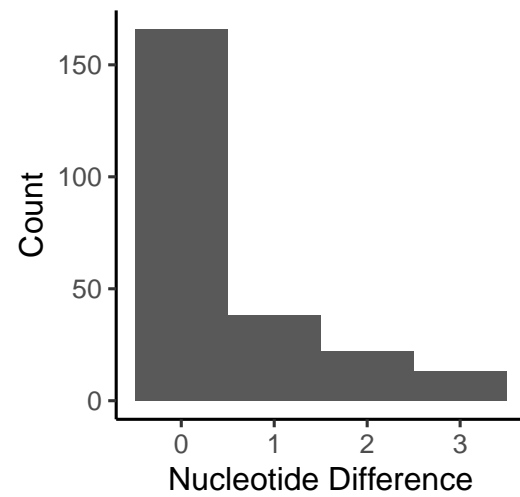
TRBV7-3*bp01

21 sequences assigned
16 (76.2%) exact matches, in which:
15 unique CDR3
9 unique J



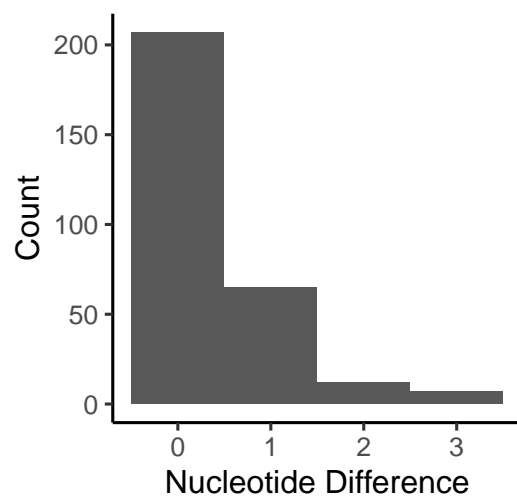
TRBV7-6*bp01

239 sequences assigned
166 (69.5%) exact matches, in which:
93 unique CDR3
13 unique J



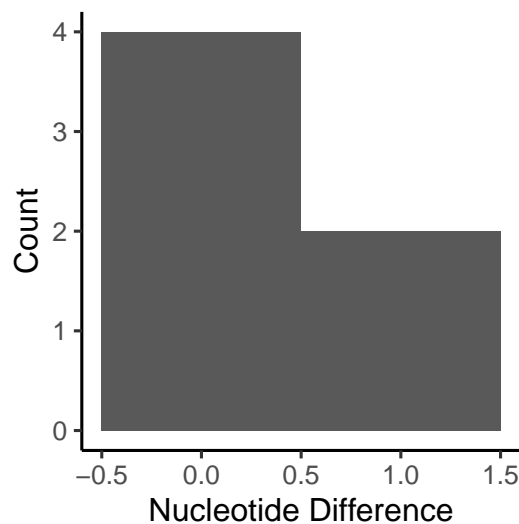
TRBV7-2*bp01

291 sequences assigned
207 (71.1%) exact matches, in which:
158 unique CDR3
13 unique J



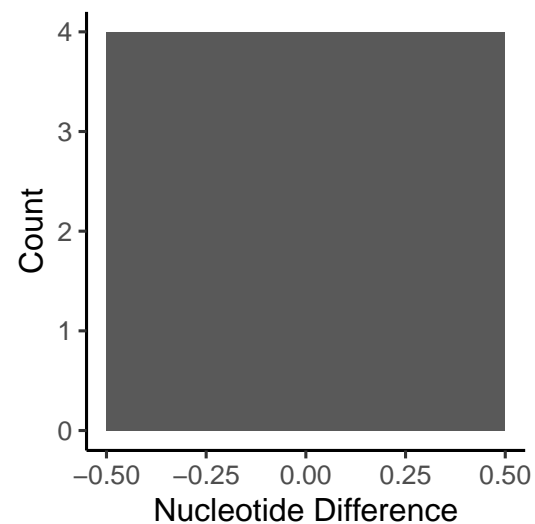
TRBV7-3*bp02

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



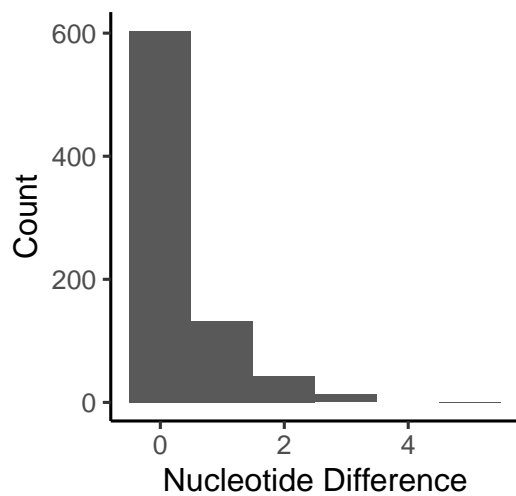
TRBV7-7*bp01

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



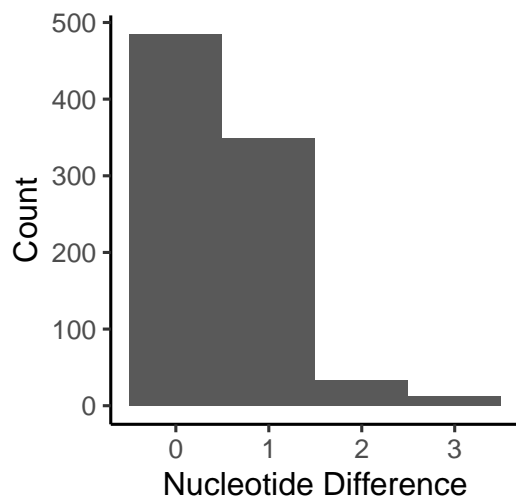
TRBV7–9*bp01

793 sequences assigned
604 (76.2%) exact matches, in which:
381 unique CDR3
14 unique J



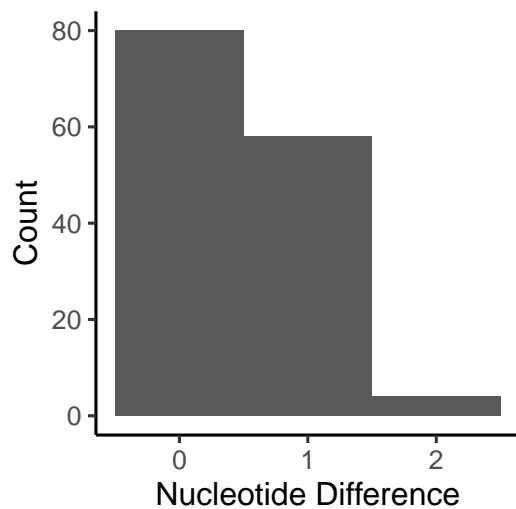
TRBV29–1*bp01

879 sequences assigned
485 (55.2%) exact matches, in which:
290 unique CDR3
13 unique J

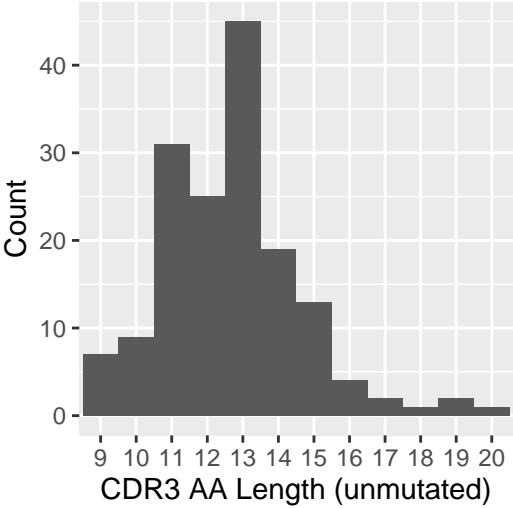


TRBV29–1*bp03

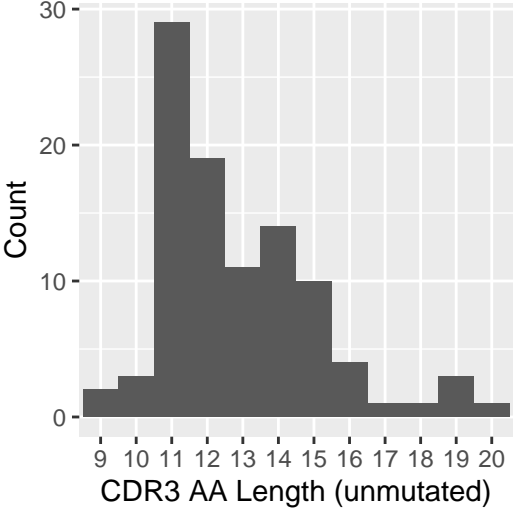
142 sequences assigned
80 (56.3%) exact matches, in which:
53 unique CDR3
10 unique J



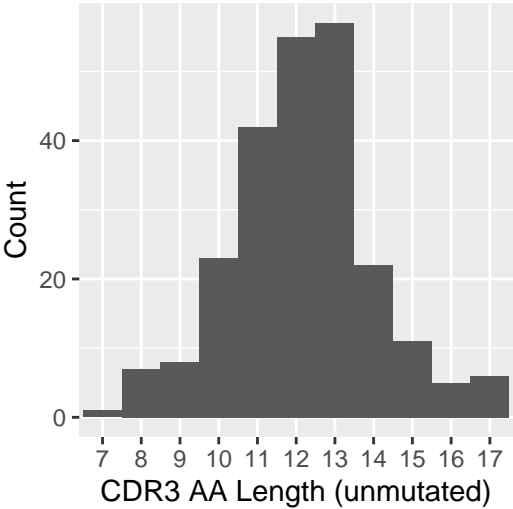
TRBV10-3*bp02_313GCCATCAGTGAGTC326

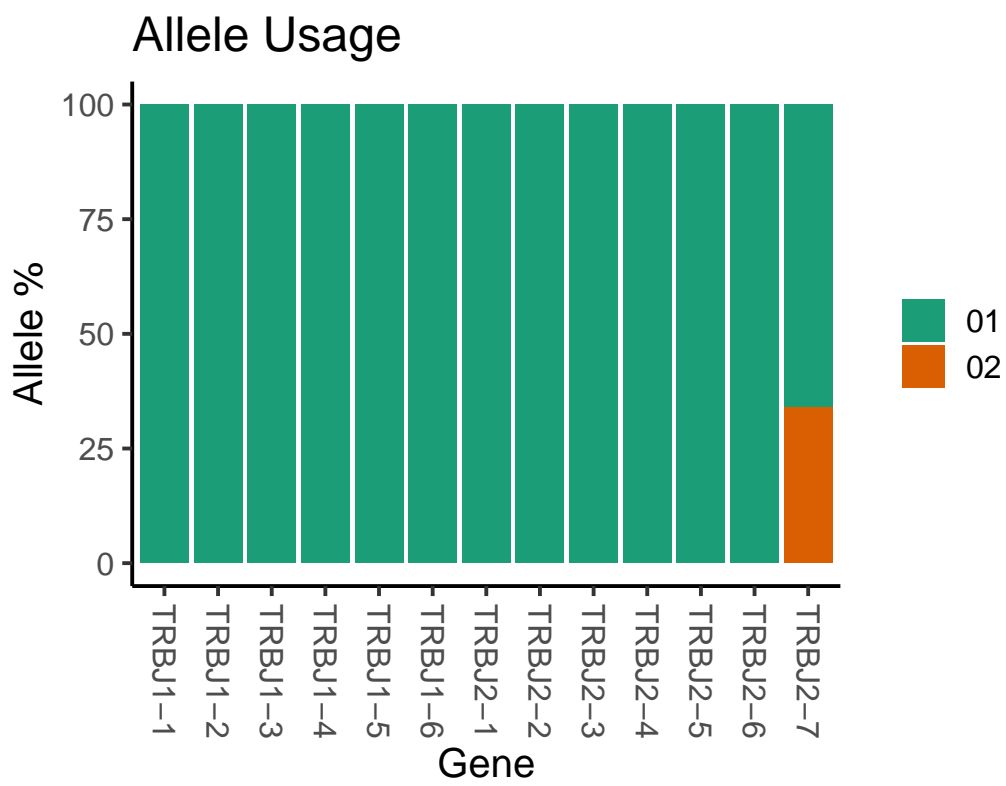


TRBV14*bp02_322CAAGA326

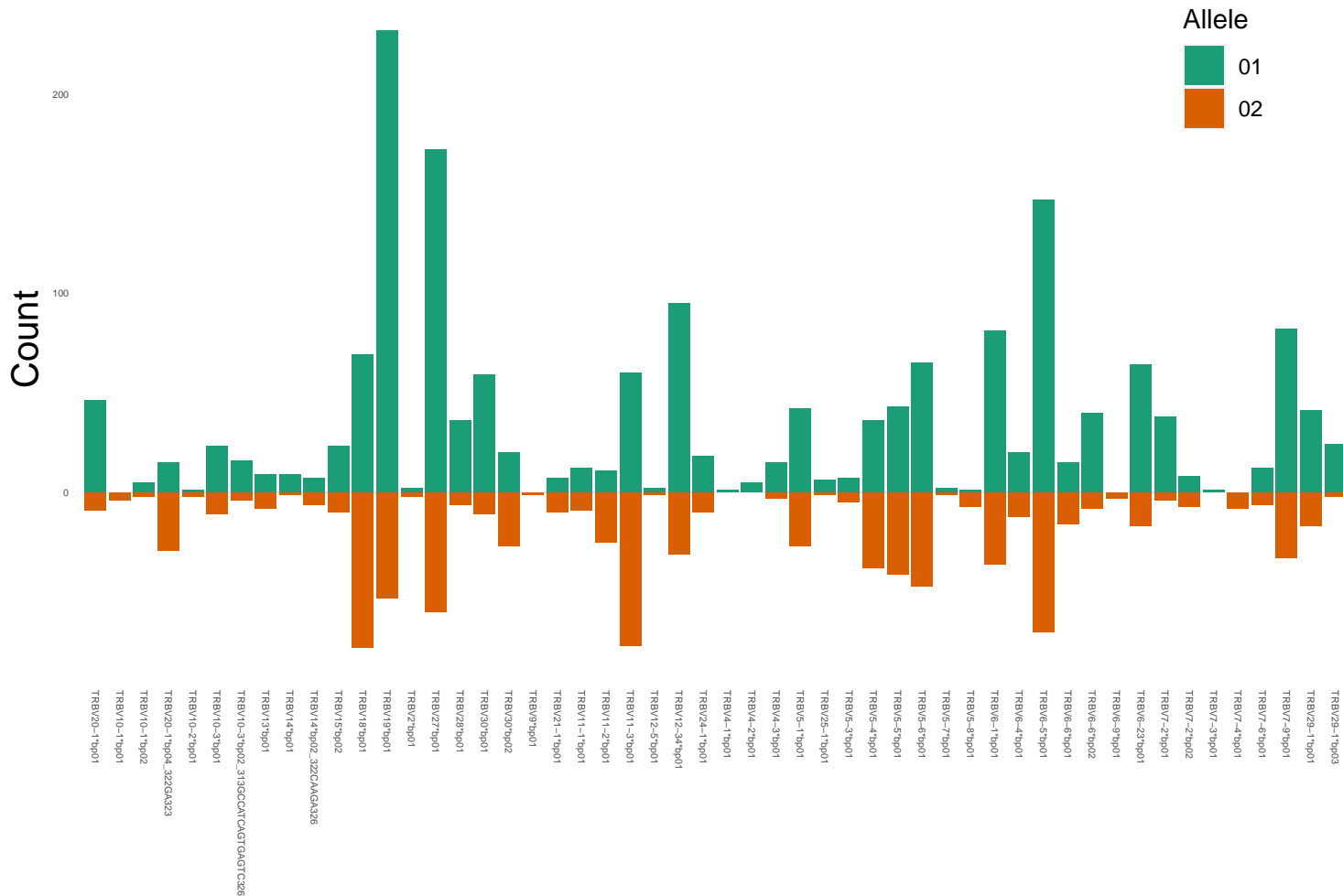


TRBV20-1*bp04_322GA323





Sequence Count by TRBJ2–7 allele usage



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