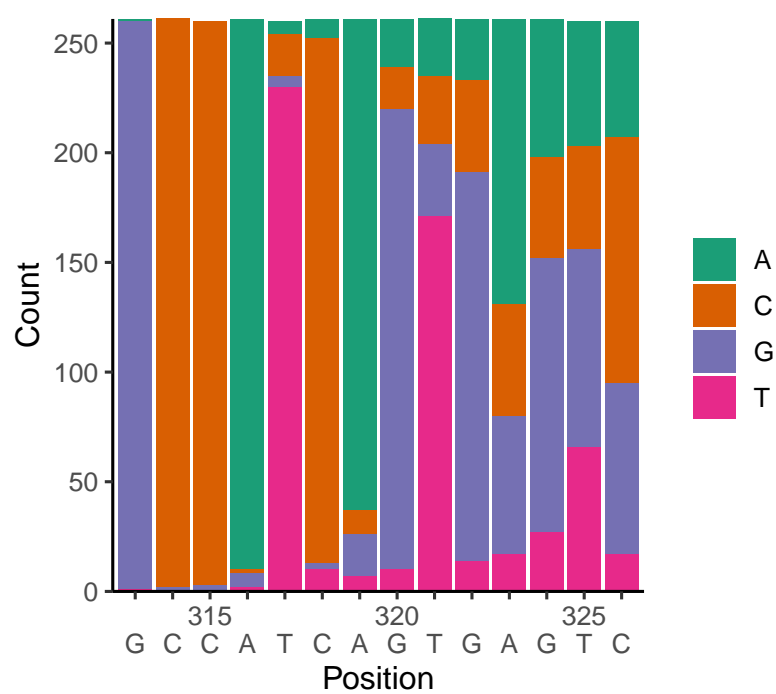
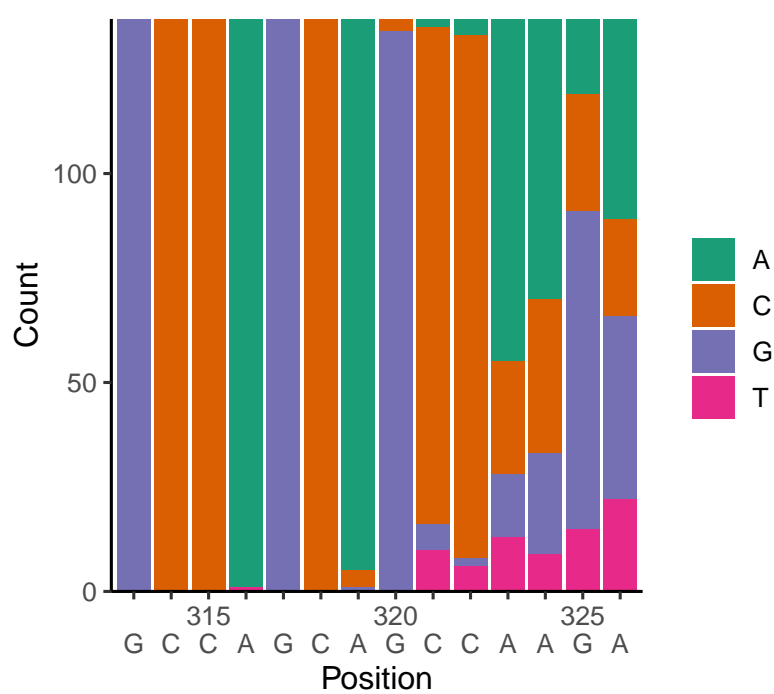


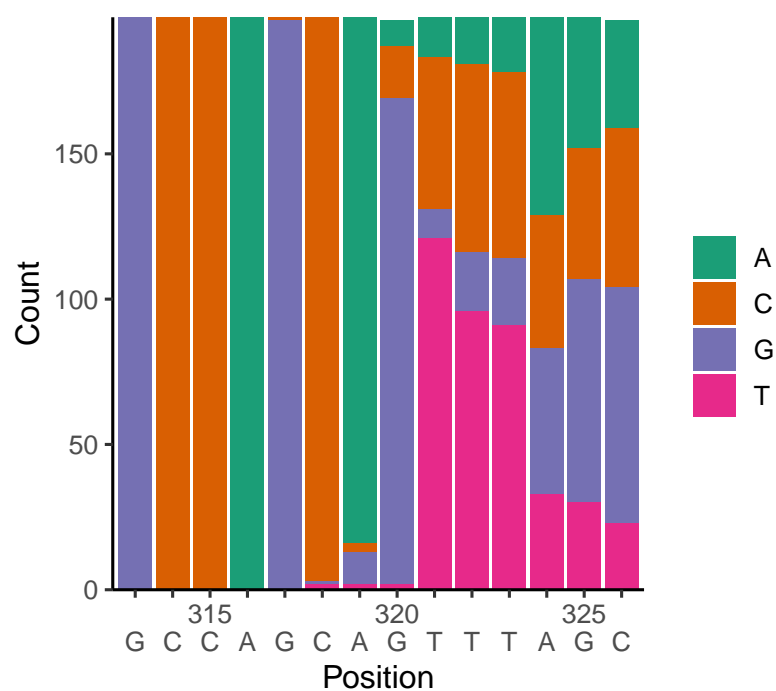
Gene TRBV10-3*03_313GCCATCAGTG/



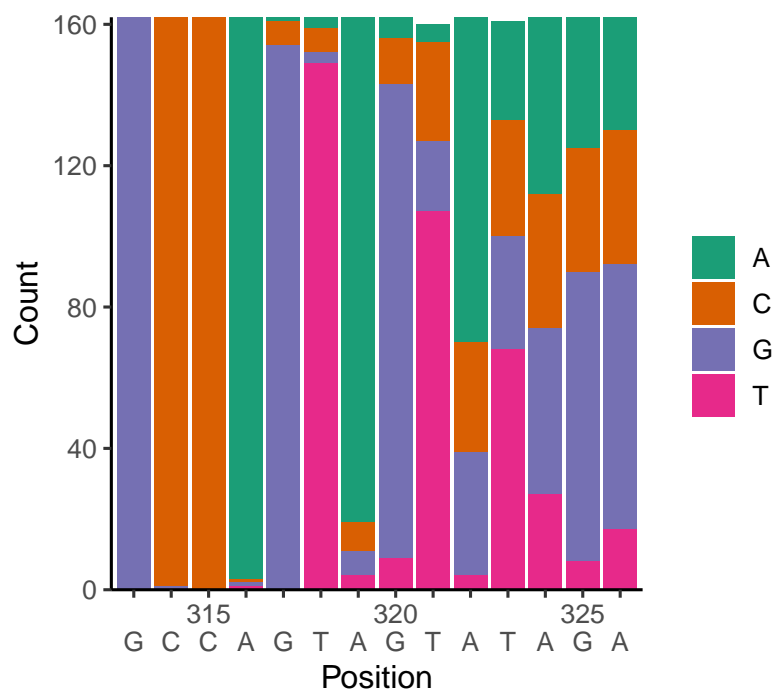
Gene TRBV14*02_322CAAGA326



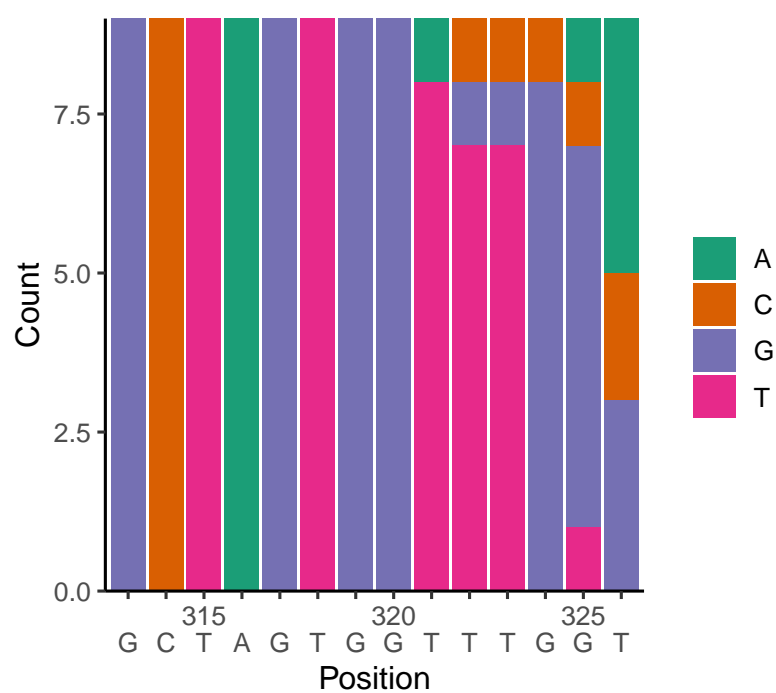
Gene TRBV12-4*01_C87T



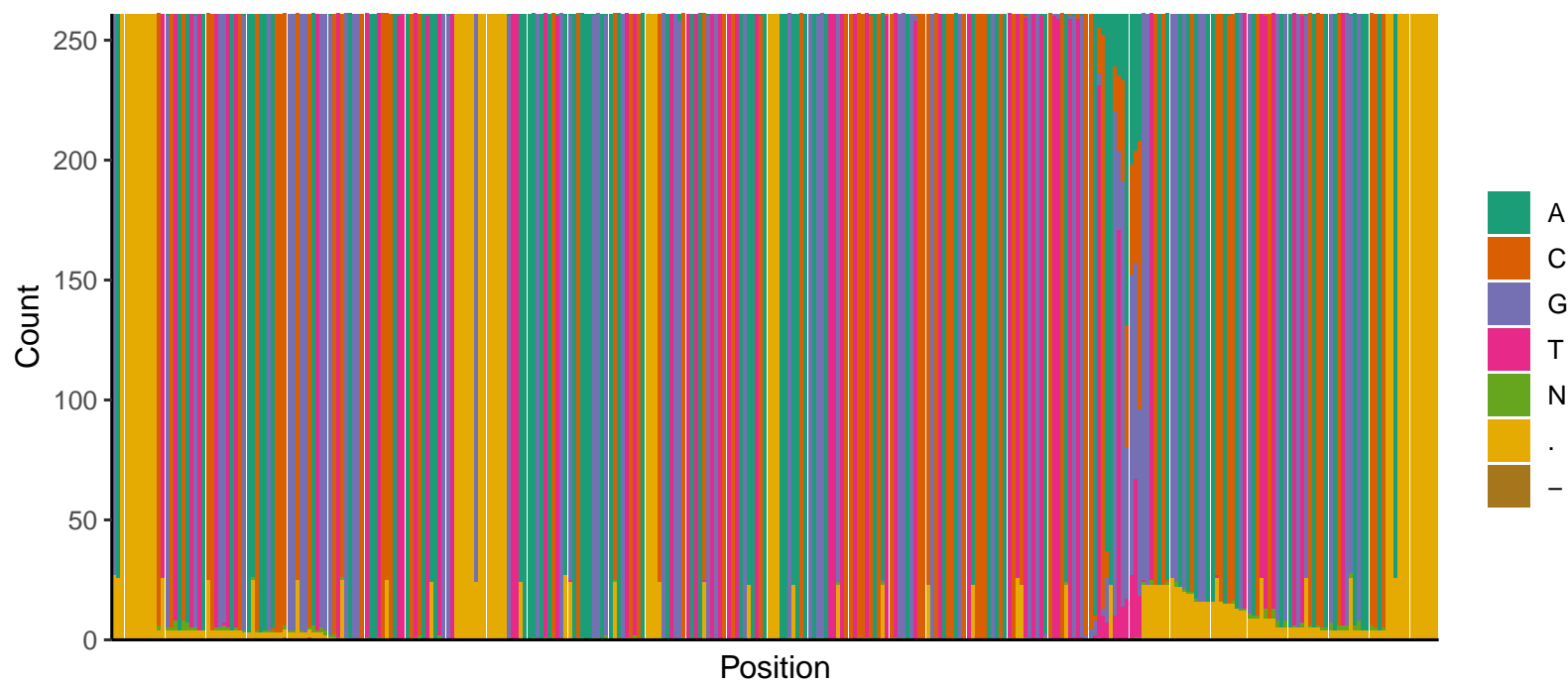
Gene TRBV19*01_A24G



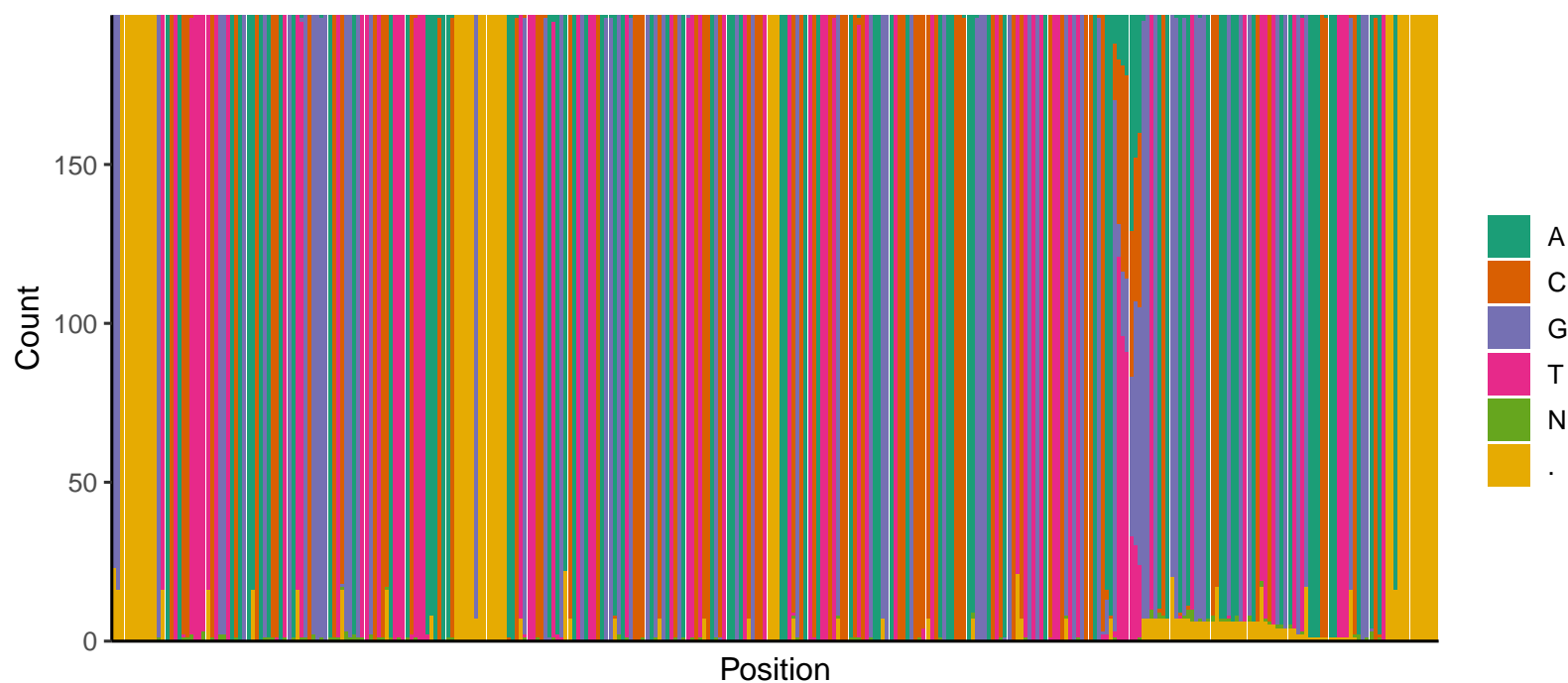
Gene TRBV12-5*01_C28G



Gene TRBV10-3*03_313GCCATCAGTGAGTC326



Gene TRBV12-4*01_C87T



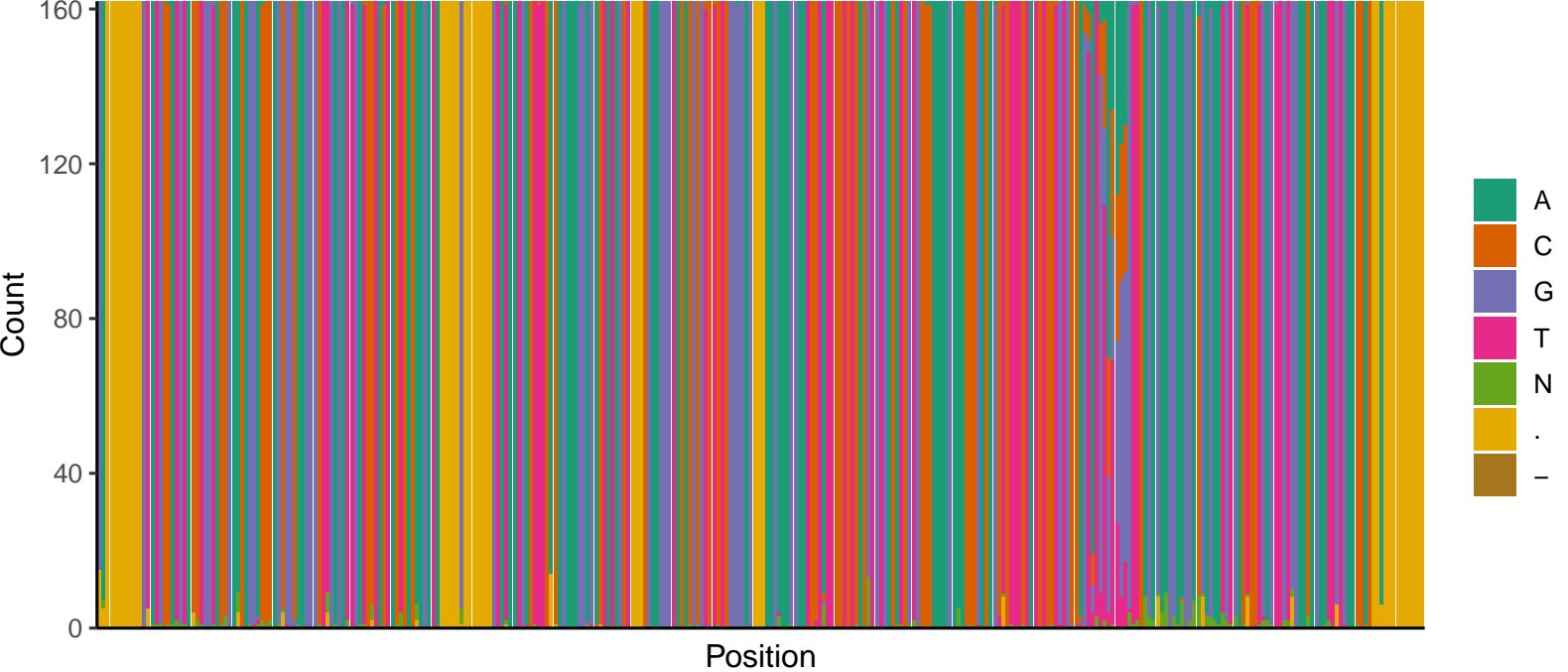
Gene TRBV12-5*01_C28G



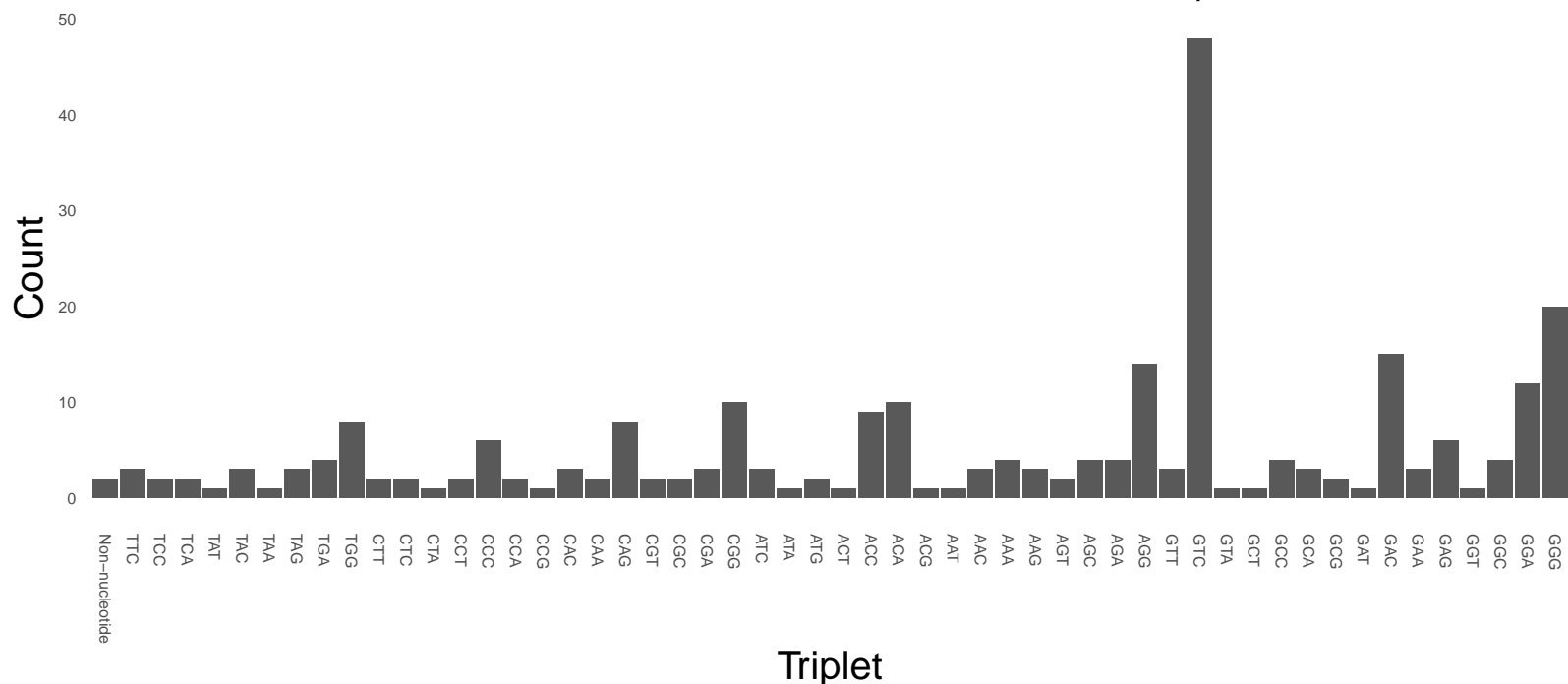
Gene TRBV14*02_322CAAGA326



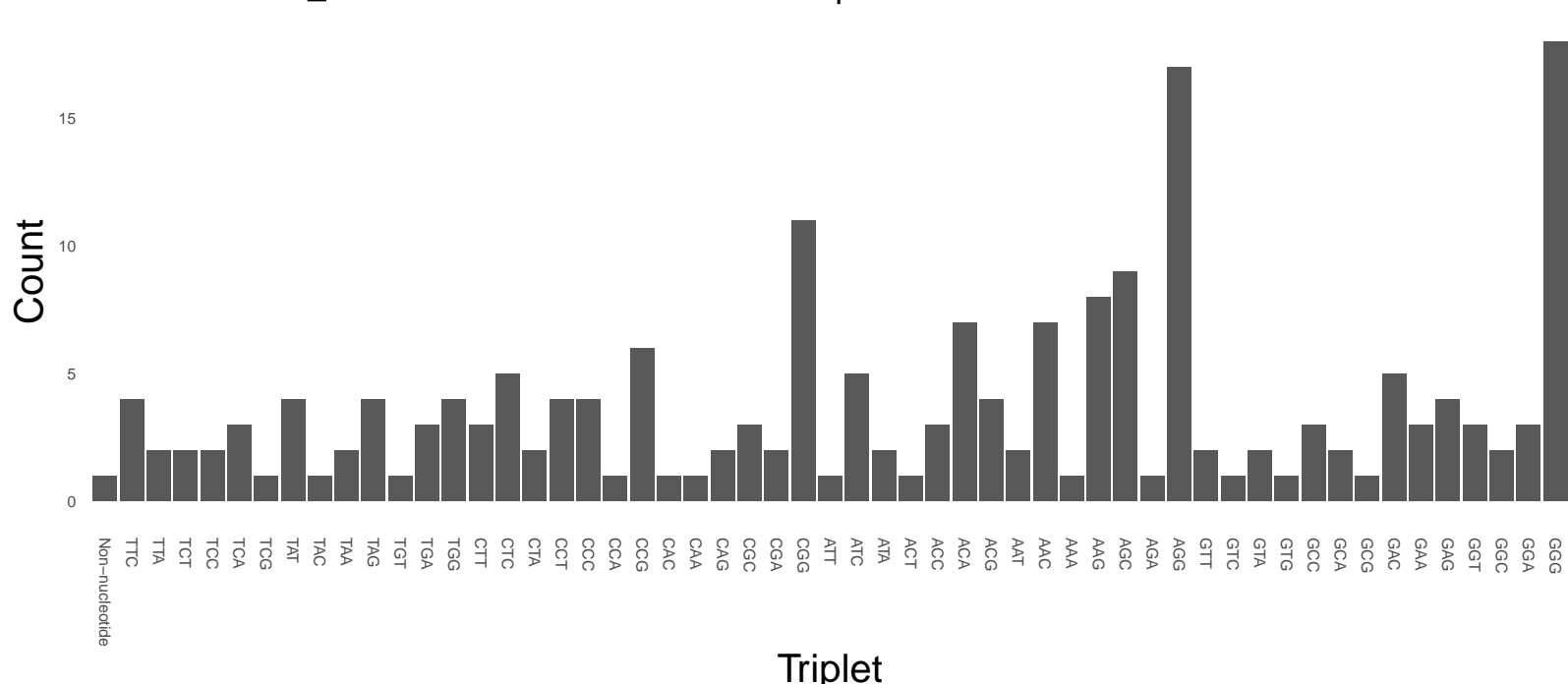
Gene TRBV19*01_A24G



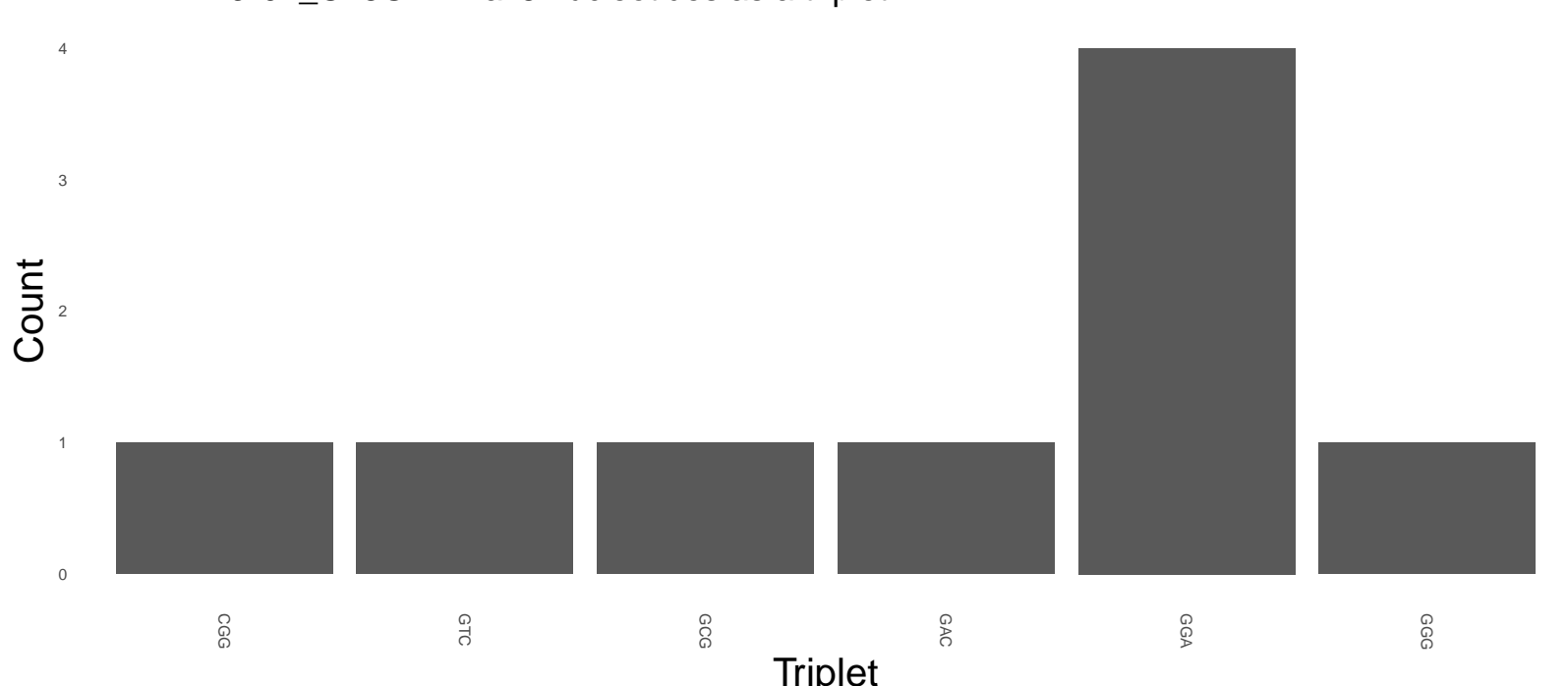
TRBV10–3*03_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



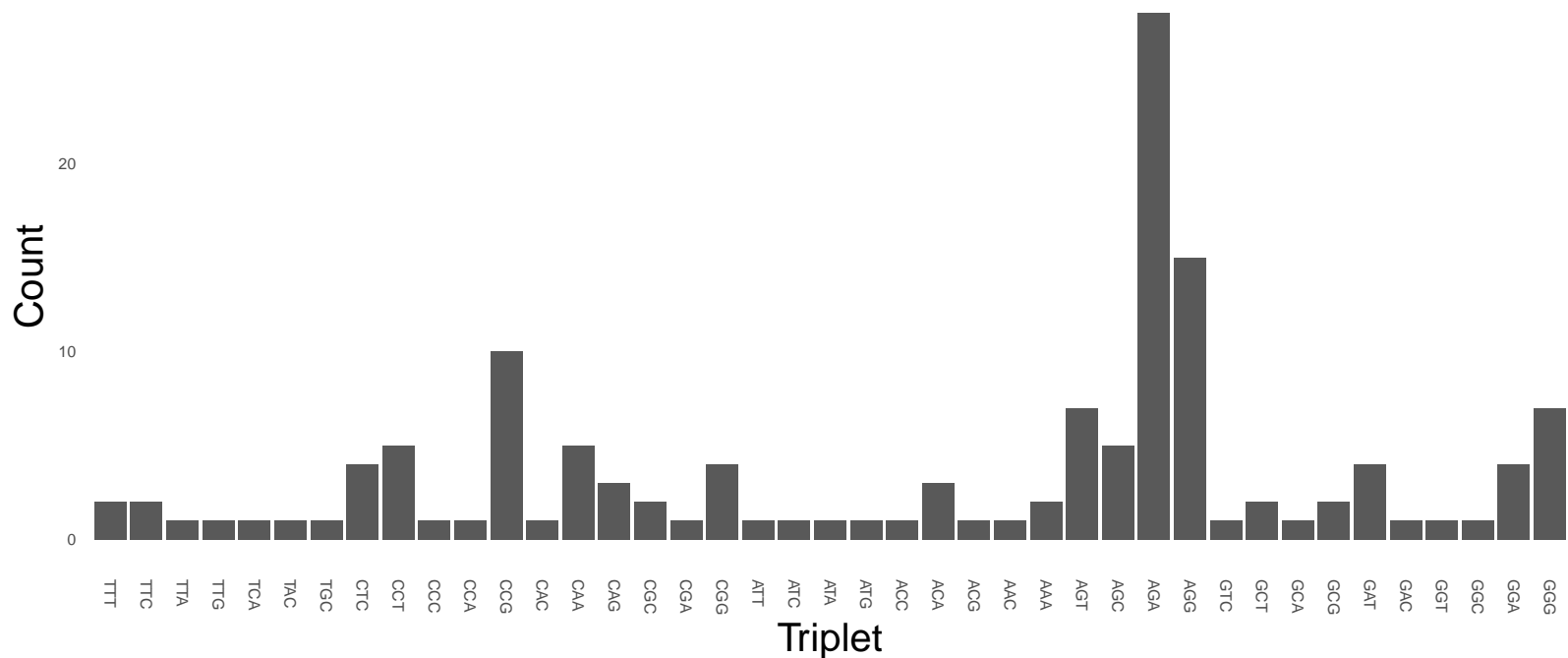
TRBV12–4*01_C87T– Final 3 nucleotides as a triplet



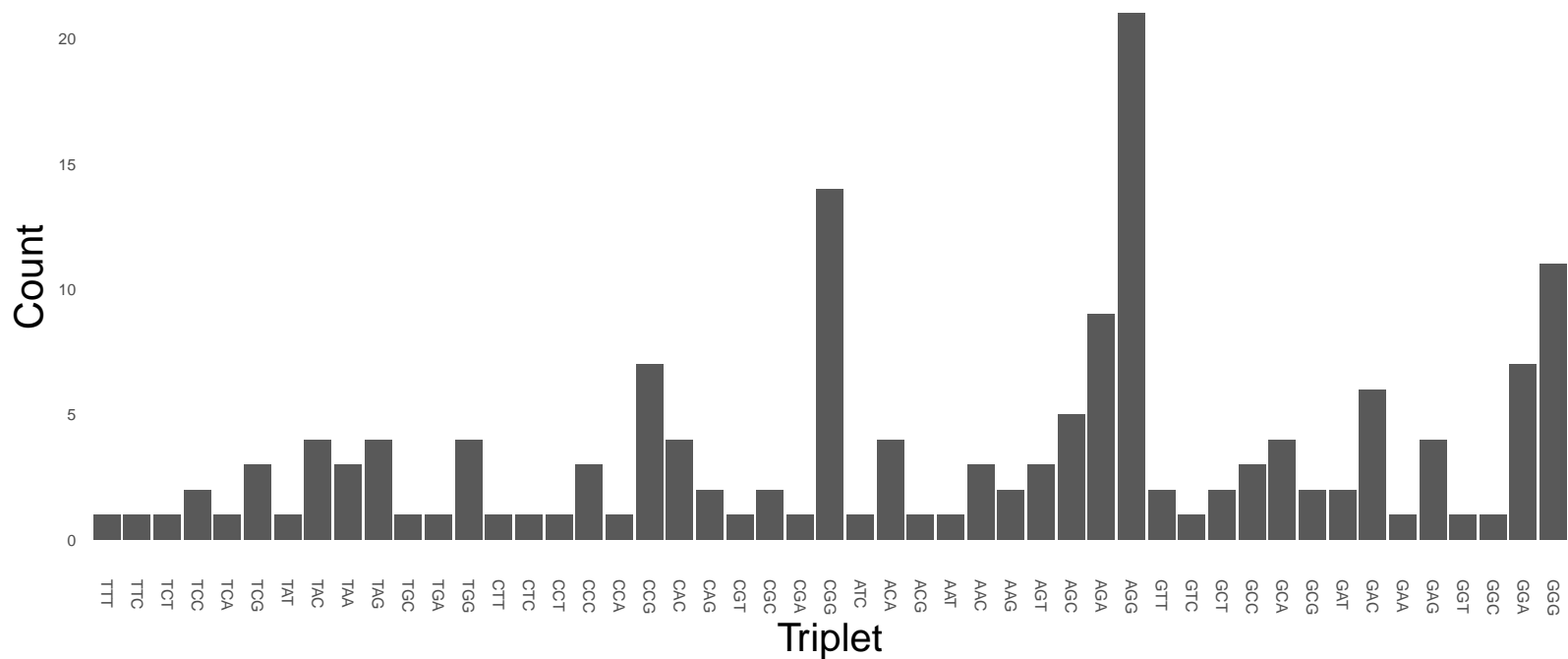
TRBV12–5*01_C28G– Final 3 nucleotides as a triplet



TRBV14*02_322CAAGA326– Final 3 nucleotides as a triplet

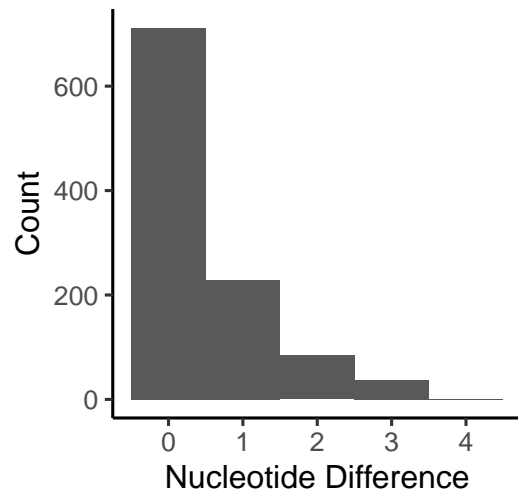


TRBV19*01_A24G– Final 3 nucleotides as a triplet



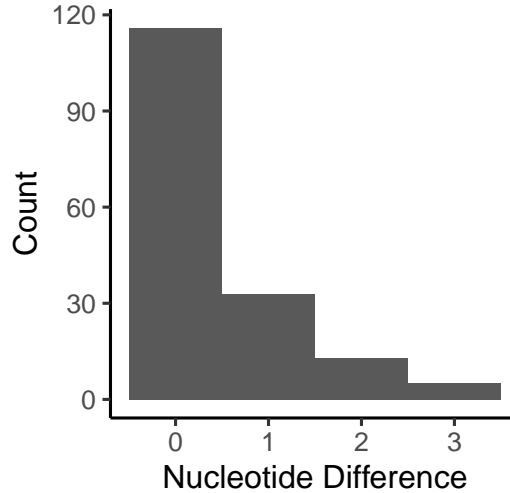
TRBV20–1*01

1063 sequences assigned
712 (67%) exact matches, in which:
671 unique CDR3
13 unique J



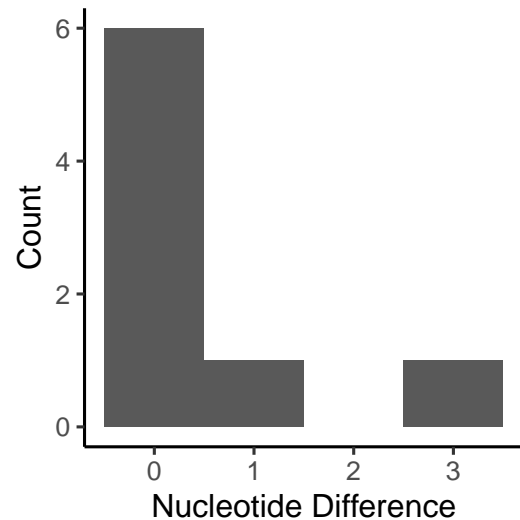
TRBV10–2*02

167 sequences assigned
116 (69.5%) exact matches, in which:
96 unique CDR3
13 unique J



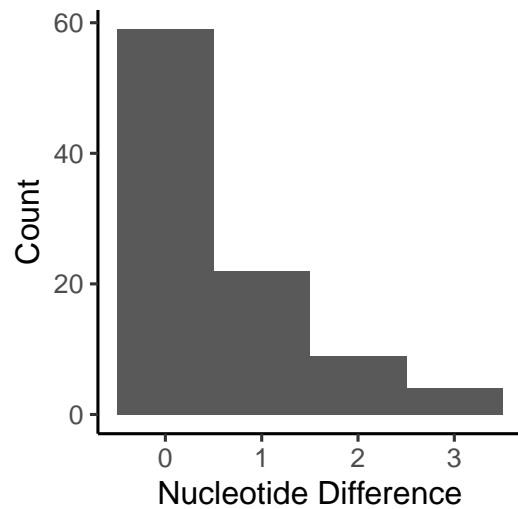
TRBV1*01

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



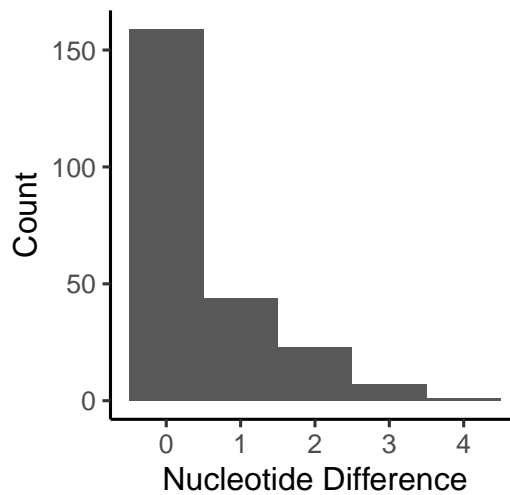
TRBV10–1*02

94 sequences assigned
59 (62.8%) exact matches, in which:
58 unique CDR3
10 unique J



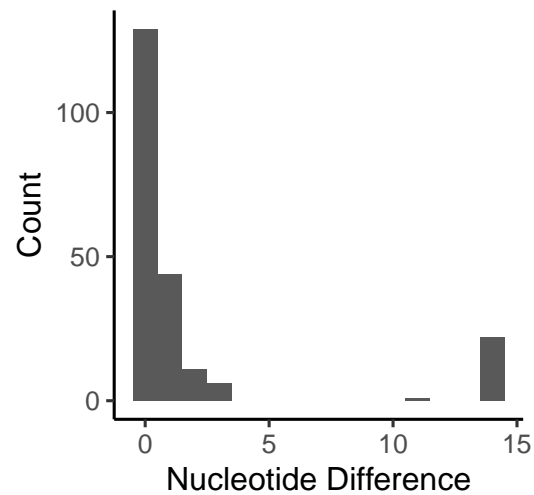
TRBV10–3*02

234 sequences assigned
159 (67.9%) exact matches, in which:
146 unique CDR3
13 unique J



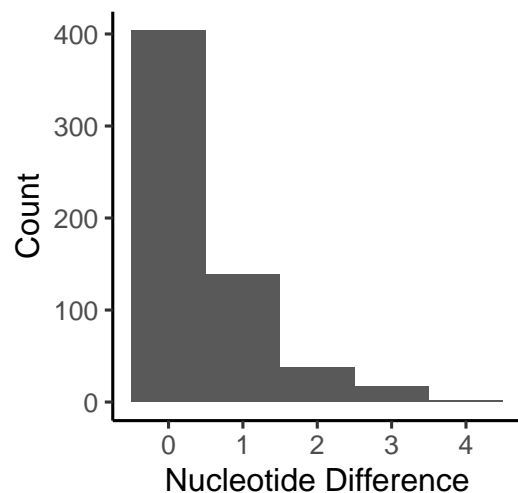
TRBV13*01

214 sequences assigned
129 (60.3%) exact matches, in which:
116 unique CDR3
13 unique J



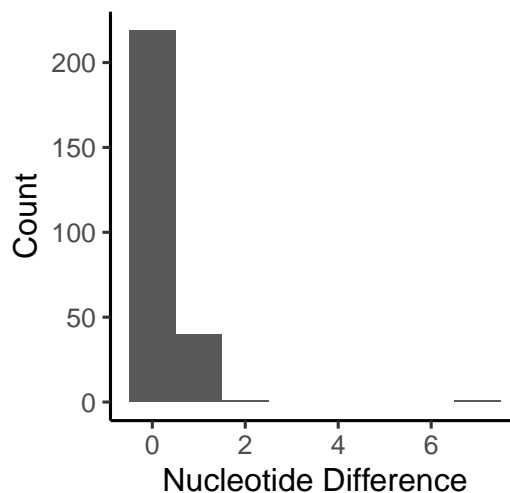
TRBV20–1*05

600 sequences assigned
404 (67.3%) exact matches, in which:
378 unique CDR3
13 unique J



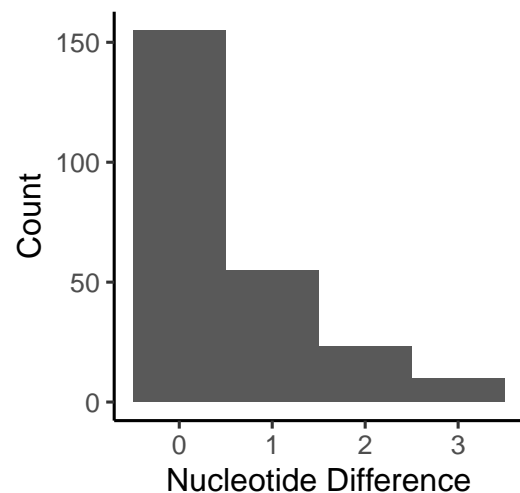
TRBV10–3*03_313GCCA

261 sequences assigned
219 (83.9%) exact matches, in which:
207 unique CDR3
13 unique J



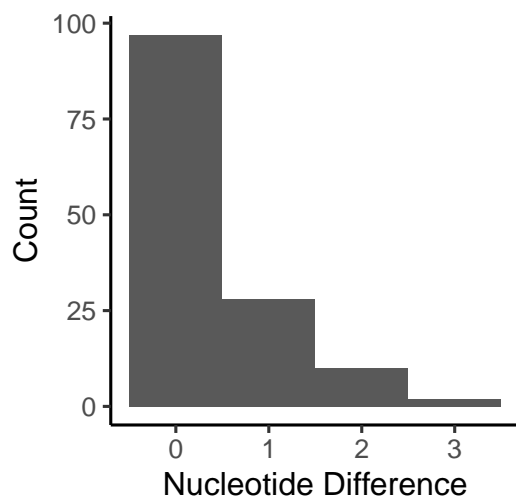
TRBV14*01

243 sequences assigned
155 (63.8%) exact matches, in which:
129 unique CDR3
12 unique J



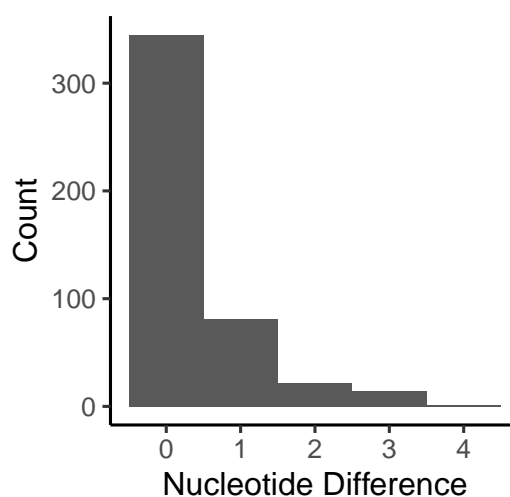
TRBV14*02_322CAAGA3

137 sequences assigned
97 (70.8%) exact matches, in which:
95 unique CDR3
13 unique J



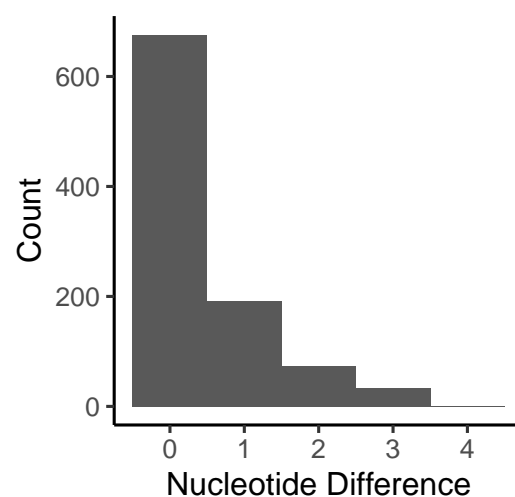
TRBV18*01

464 sequences assigned
345 (74.4%) exact matches, in which:
309 unique CDR3
13 unique J



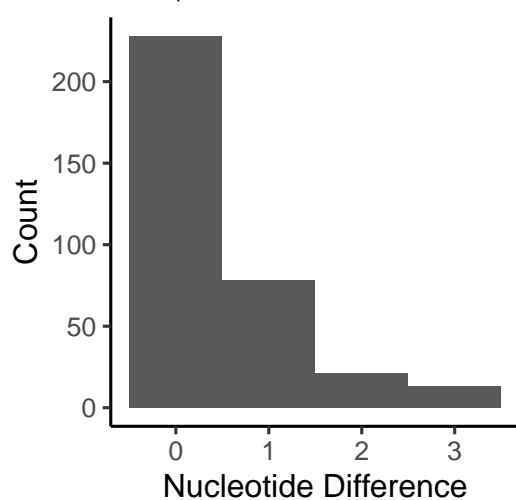
TRBV2*01

976 sequences assigned
676 (69.3%) exact matches, in which:
586 unique CDR3
13 unique J



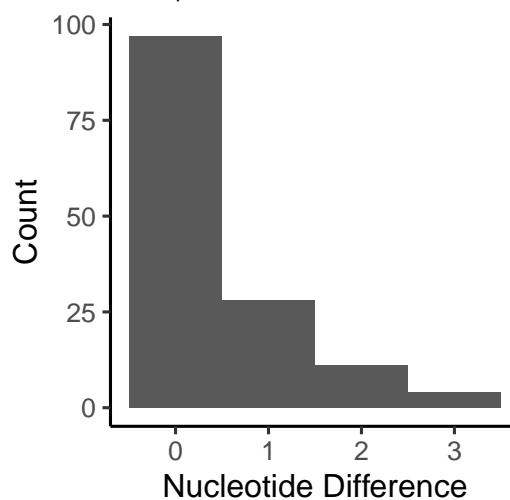
TRBV15*02

340 sequences assigned
228 (67.1%) exact matches, in which:
215 unique CDR3
13 unique J



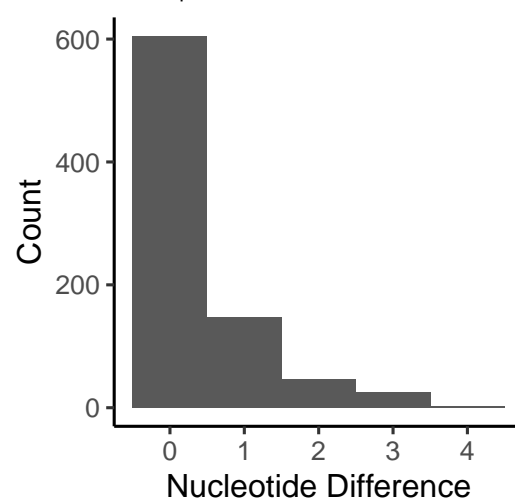
TRBV19*01

140 sequences assigned
97 (69.3%) exact matches, in which:
93 unique CDR3
13 unique J



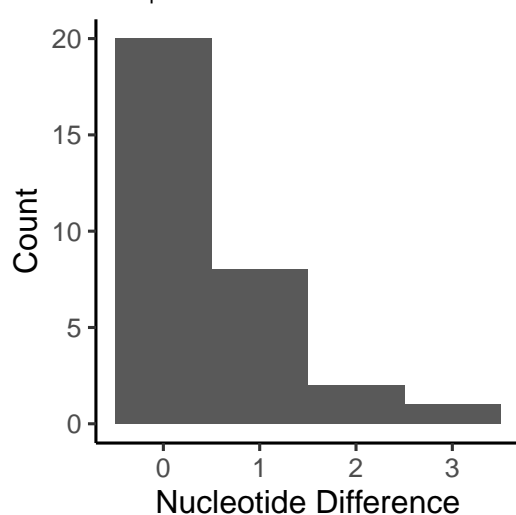
TRBV27*01

825 sequences assigned
605 (73.3%) exact matches, in which:
558 unique CDR3
13 unique J



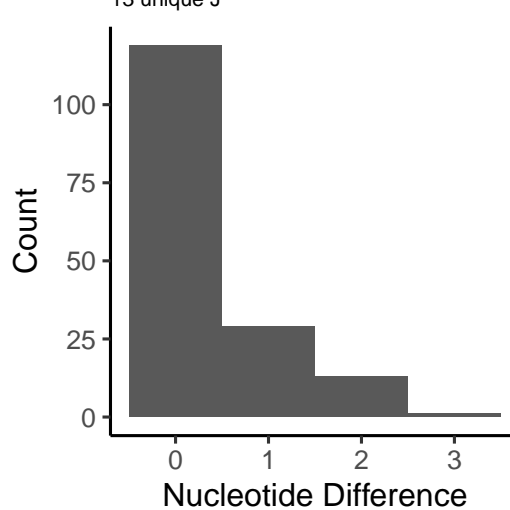
TRBV16*01

31 sequences assigned
20 (64.5%) exact matches, in which:
19 unique CDR3
9 unique J



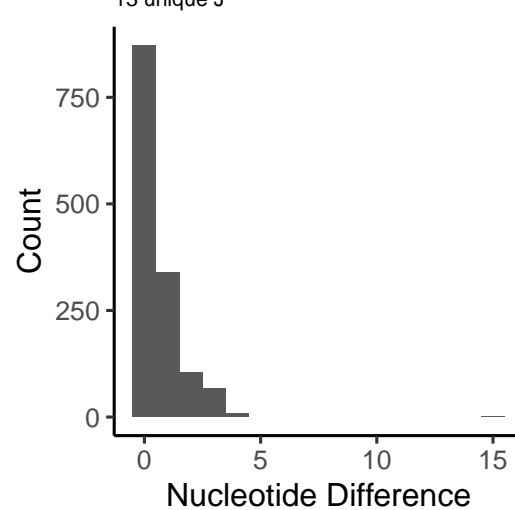
TRBV19*01_A24G

162 sequences assigned
119 (73.5%) exact matches, in which:
116 unique CDR3
13 unique J



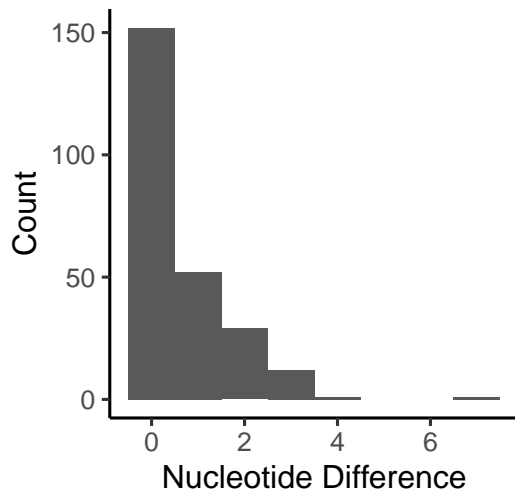
TRBV28*01

1390 sequences assigned
872 (62.7%) exact matches, in which:
642 unique CDR3
13 unique J



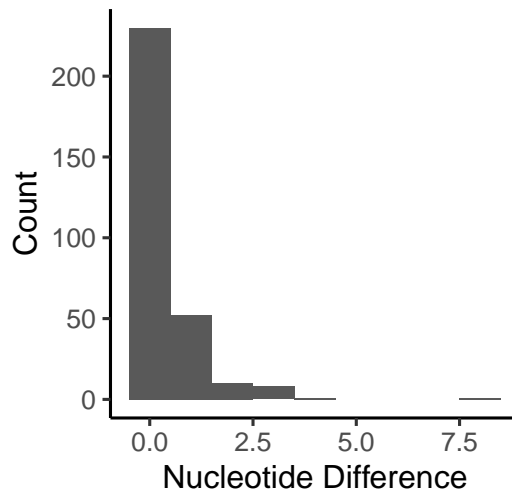
TRBV30*01

247 sequences assigned
152 (61.5%) exact matches, in which:
132 unique CDR3
12 unique J



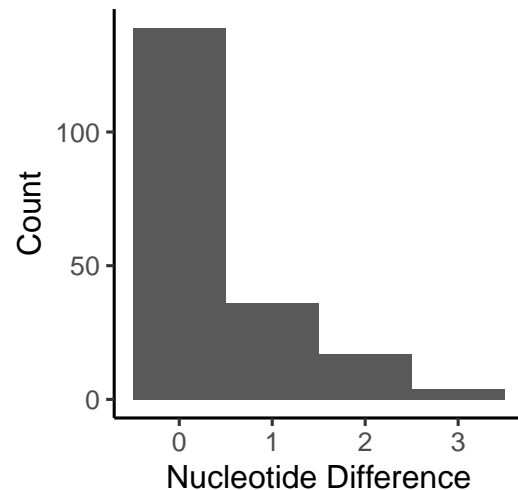
TRBV21-1*01

302 sequences assigned
230 (76.2%) exact matches, in which:
220 unique CDR3
13 unique J



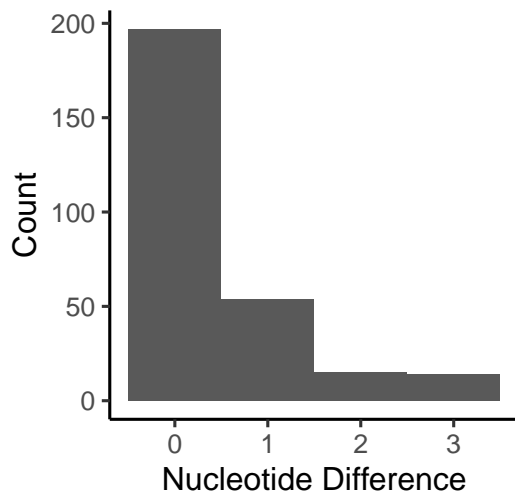
TRBV11-2*03

196 sequences assigned
139 (70.9%) exact matches, in which:
132 unique CDR3
13 unique J



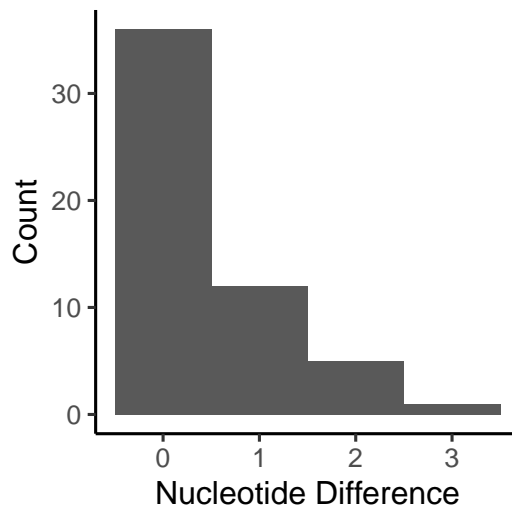
TRBV9*01

280 sequences assigned
197 (70.4%) exact matches, in which:
191 unique CDR3
13 unique J



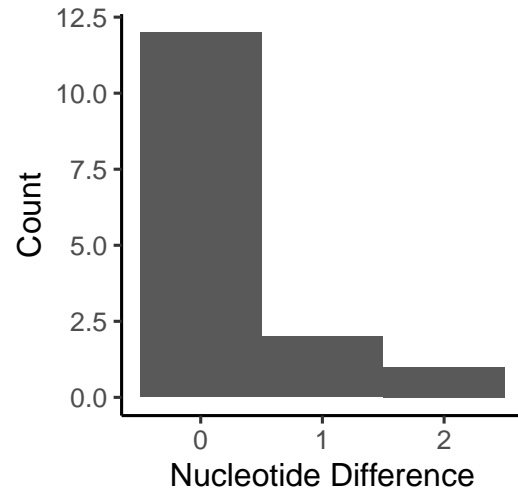
TRBV11-1*01

54 sequences assigned
36 (66.7%) exact matches, in which:
33 unique CDR3
10 unique J



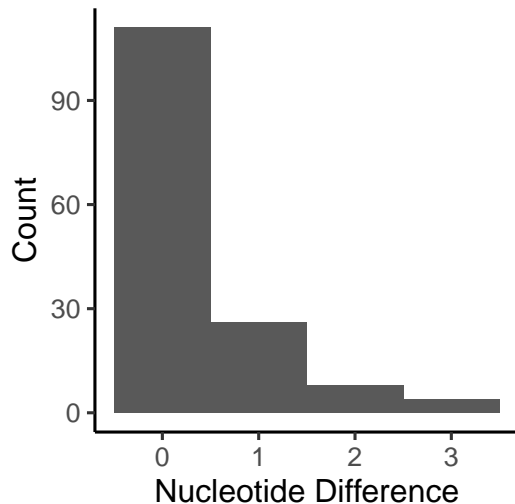
TRBV11-3*01

15 sequences assigned
12 (80%) exact matches, in which:
12 unique CDR3
6 unique J



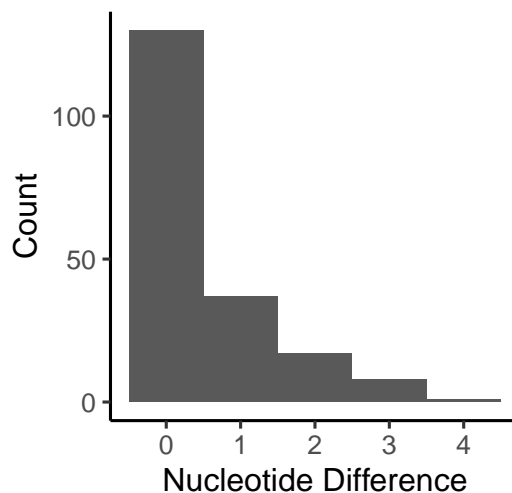
TRBV9*02

149 sequences assigned
111 (74.5%) exact matches, in which:
101 unique CDR3
13 unique J



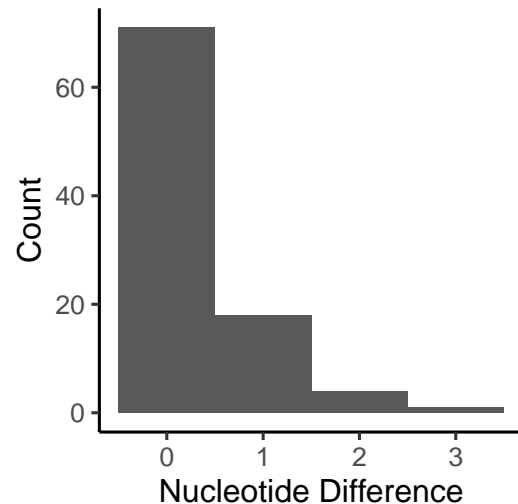
TRBV11-2*01

193 sequences assigned
130 (67.4%) exact matches, in which:
126 unique CDR3
12 unique J



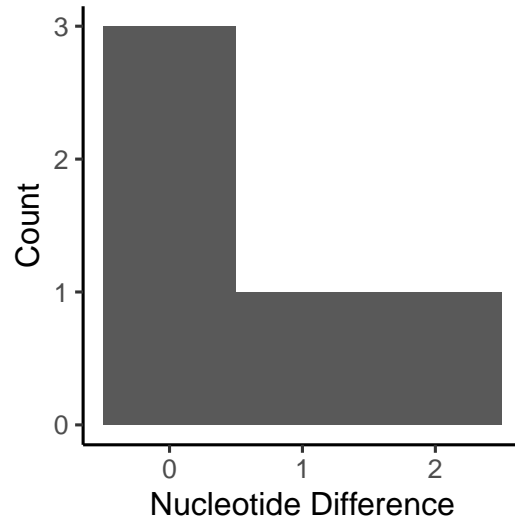
TRBV11-3*04

94 sequences assigned
71 (75.5%) exact matches, in which:
71 unique CDR3
13 unique J



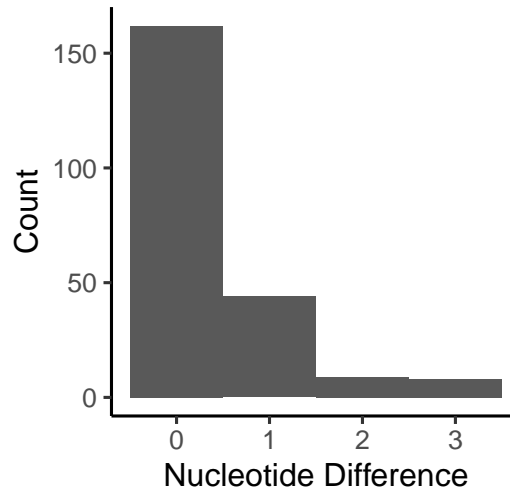
TRBV12-1*01

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



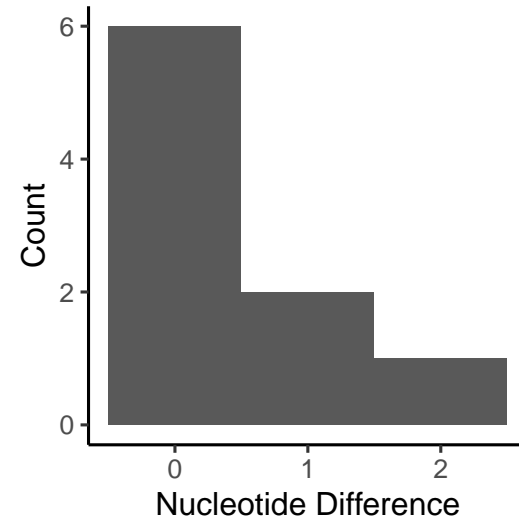
TRBV12-4*01

224 sequences assigned
162 (72.3%) exact matches, in which:
153 unique CDR3
13 unique J



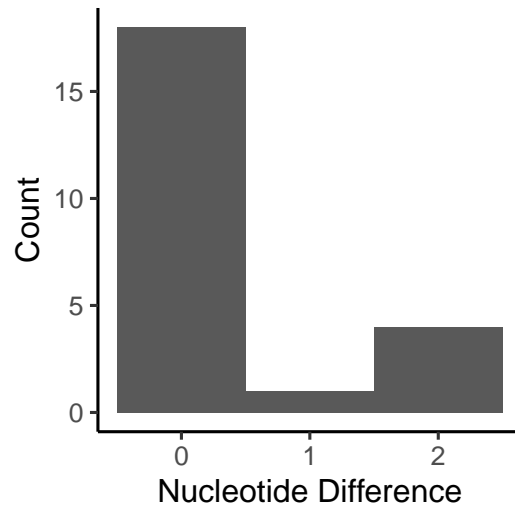
TRBV12-5*01_C28G

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



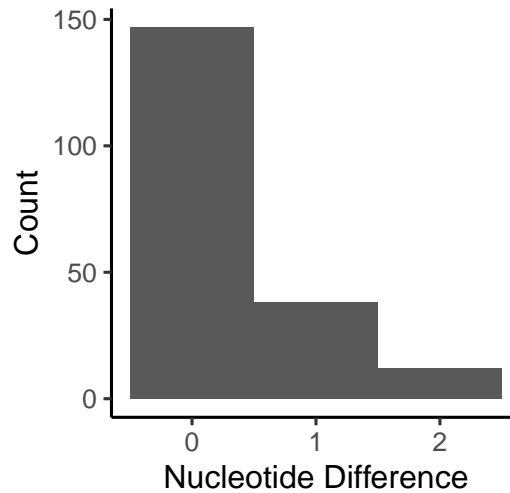
TRBV12-2*01

23 sequences assigned
18 (78.3%) exact matches, in which:
16 unique CDR3
8 unique J



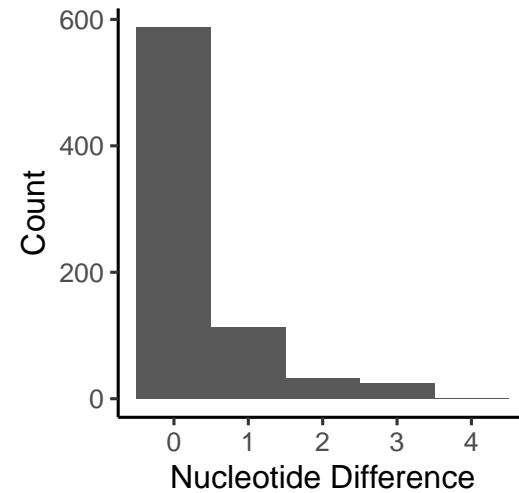
TRBV12-4*01_C87T

197 sequences assigned
147 (74.6%) exact matches, in which:
141 unique CDR3
13 unique J



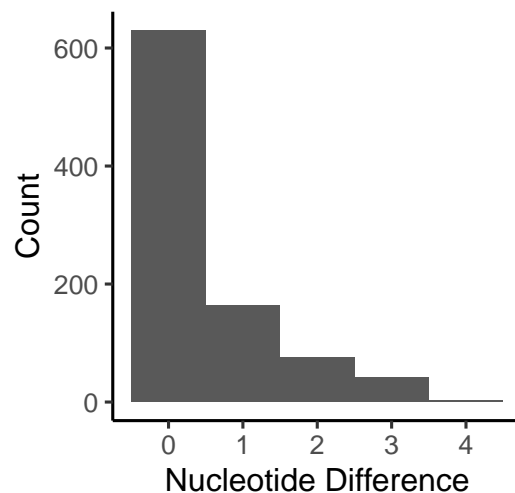
TRBV3-1*01

758 sequences assigned
588 (77.6%) exact matches, in which:
552 unique CDR3
13 unique J



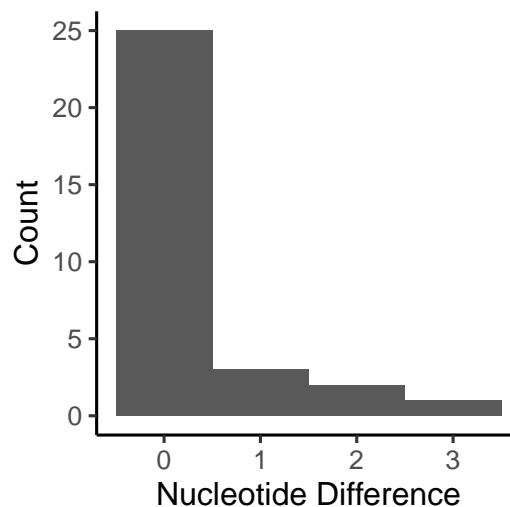
TRBV12-3*01

914 sequences assigned
630 (68.9%) exact matches, in which:
604 unique CDR3
13 unique J



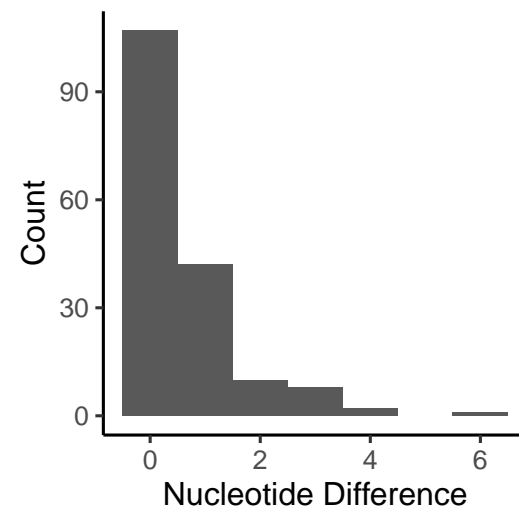
TRBV12-5*01

31 sequences assigned
25 (80.6%) exact matches, in which:
22 unique CDR3
9 unique J



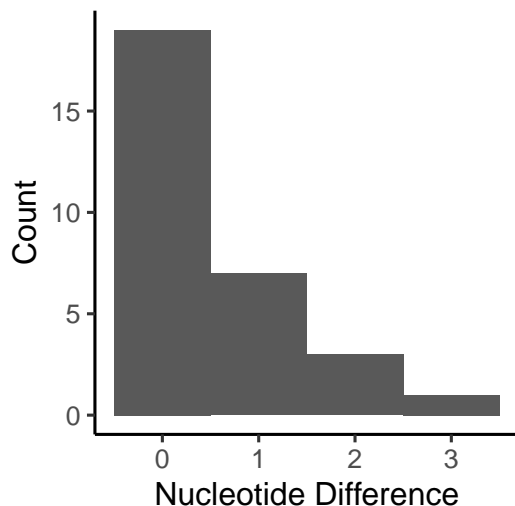
TRBV23-1*01

170 sequences assigned
107 (62.9%) exact matches, in which:
89 unique CDR3
11 unique J



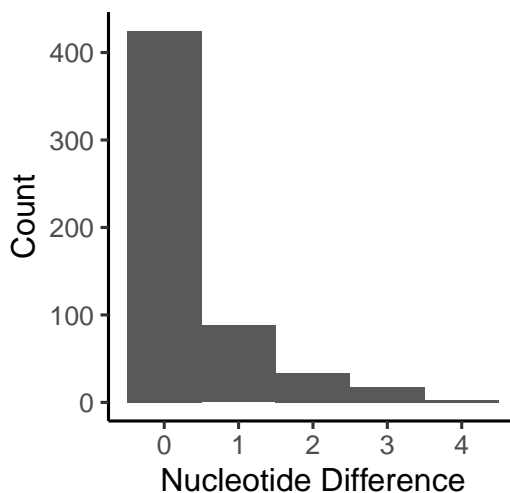
TRBV3-2*01

30 sequences assigned
19 (63.3%) exact matches, in which:
17 unique CDR3
8 unique J



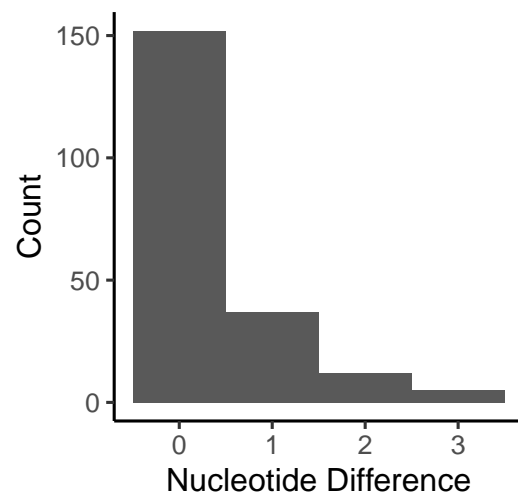
TRBV4-2*01

568 sequences assigned
425 (74.8%) exact matches, in which:
372 unique CDR3
13 unique J



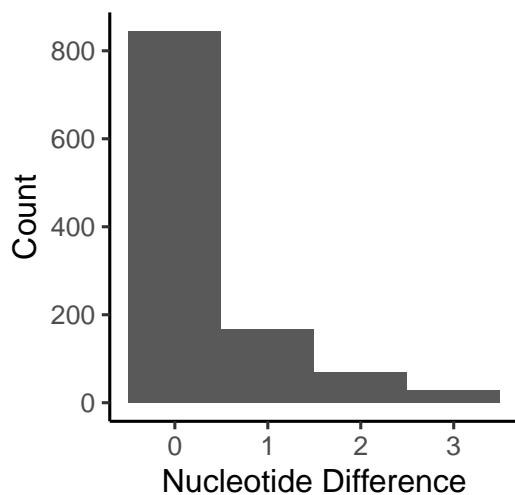
TRBV25-1*01

206 sequences assigned
152 (73.8%) exact matches, in which:
141 unique CDR3
13 unique J



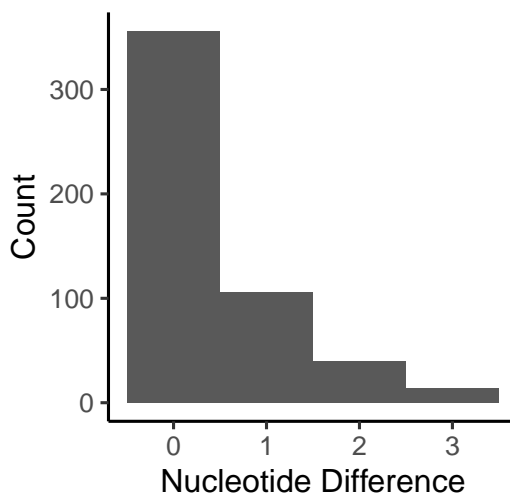
TRBV4-1*01

1108 sequences assigned
845 (76.3%) exact matches, in which:
765 unique CDR3
13 unique J



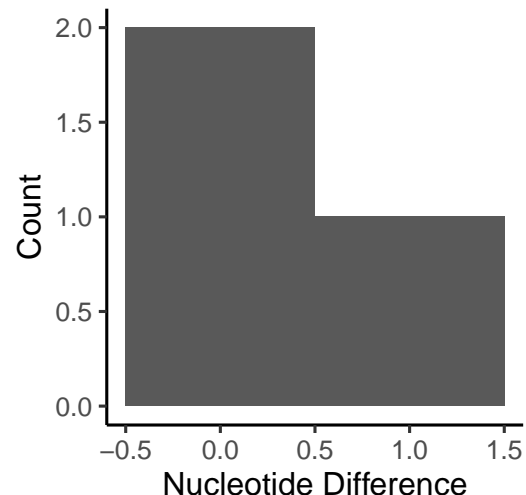
TRBV4-3*01

517 sequences assigned
356 (68.9%) exact matches, in which:
291 unique CDR3
13 unique J



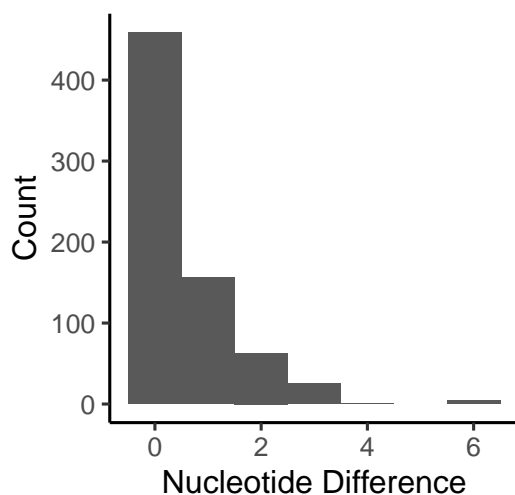
TRBV5-3*01

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



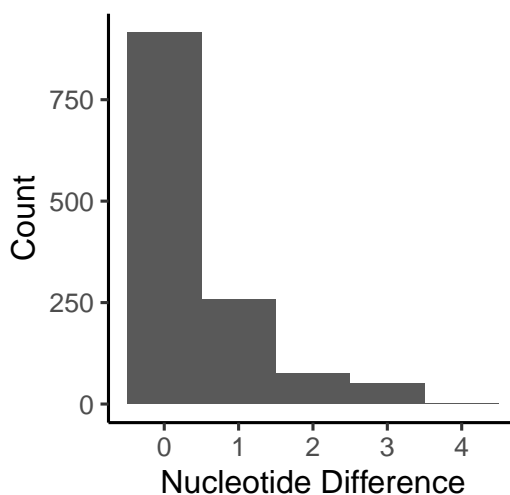
TRBV24-1*01

708 sequences assigned
459 (64.8%) exact matches, in which:
420 unique CDR3
13 unique J



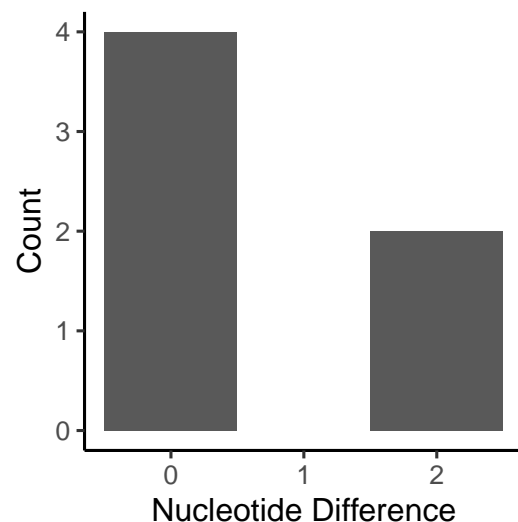
TRBV5-1*01

1301 sequences assigned
916 (70.4%) exact matches, in which:
860 unique CDR3
13 unique J



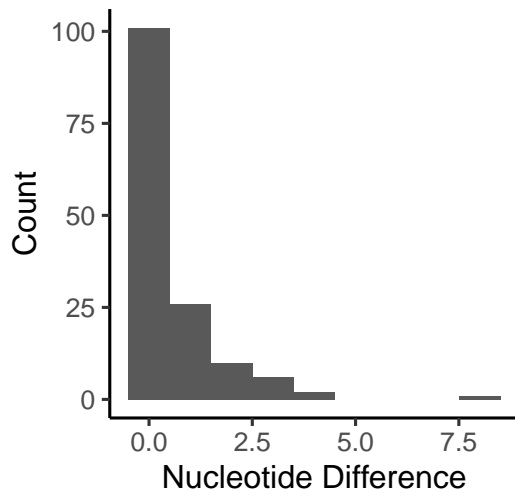
TRBV5-3*02

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



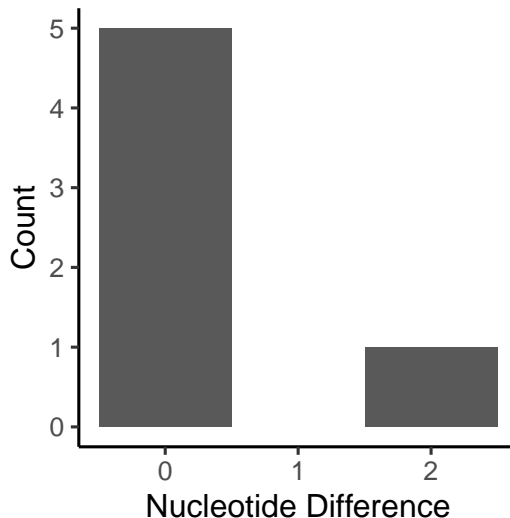
TRBV5-4*01

148 sequences assigned
101 (68.2%) exact matches, in which:
97 unique CDR3
13 unique J



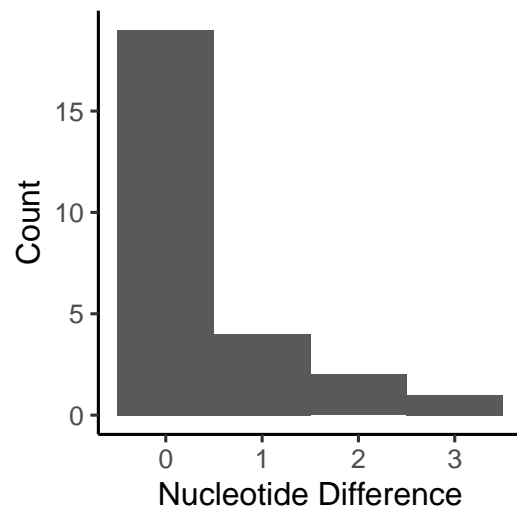
TRBV5-7*01

6 sequences assigned
5 (83.3%) exact matches, in which:
5 unique CDR3
4 unique J



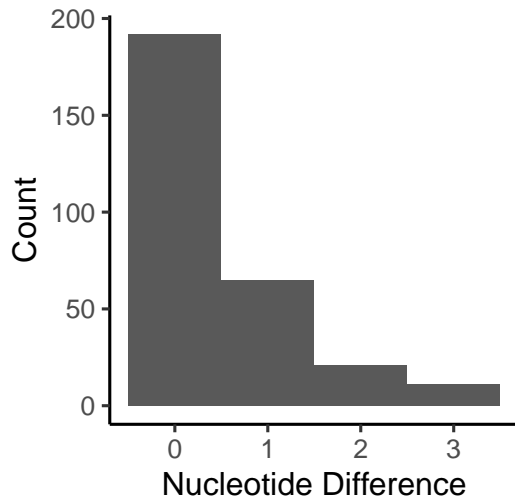
TRBV6-4*01

26 sequences assigned
19 (73.1%) exact matches, in which:
19 unique CDR3
7 unique J



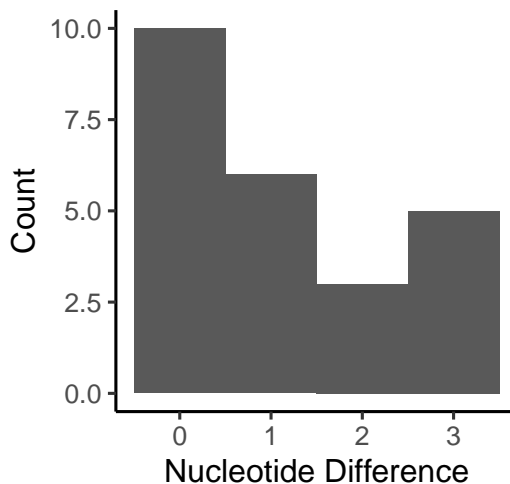
TRBV5-5*01

289 sequences assigned
192 (66.4%) exact matches, in which:
144 unique CDR3
13 unique J



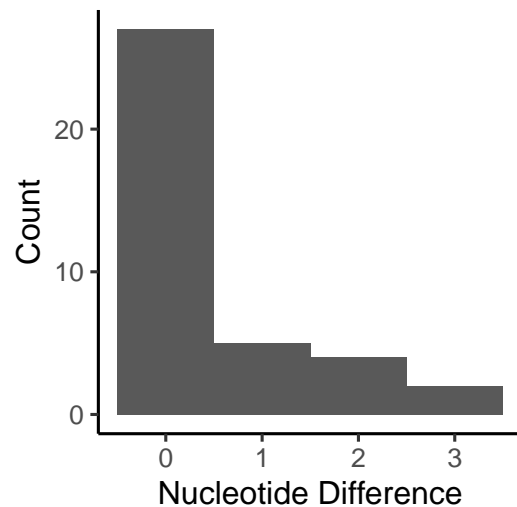
TRBV5-8*01

24 sequences assigned
10 (41.7%) exact matches, in which:
10 unique CDR3
7 unique J



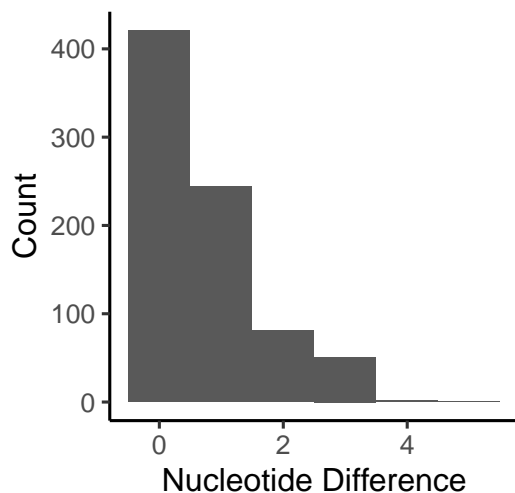
TRBV6-4*02

38 sequences assigned
27 (71.1%) exact matches, in which:
27 unique CDR3
11 unique J



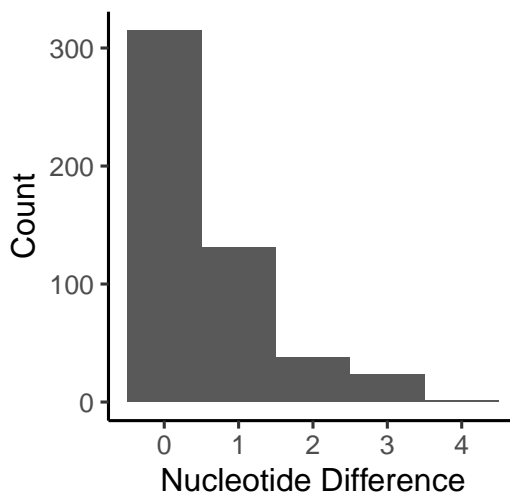
TRBV5-6*01

800 sequences assigned
421 (52.6%) exact matches, in which:
267 unique CDR3
13 unique J



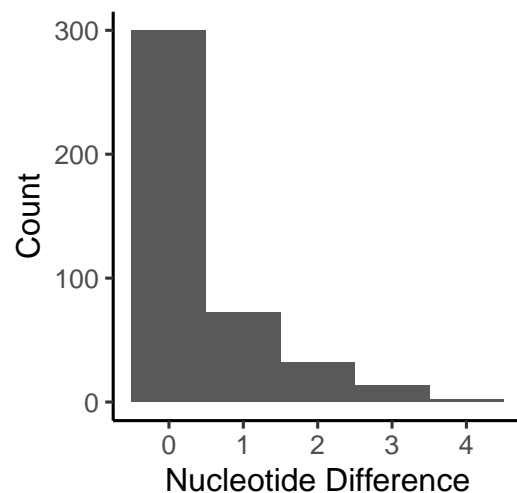
TRBV6-1*01

510 sequences assigned
315 (61.8%) exact matches, in which:
236 unique CDR3
13 unique J



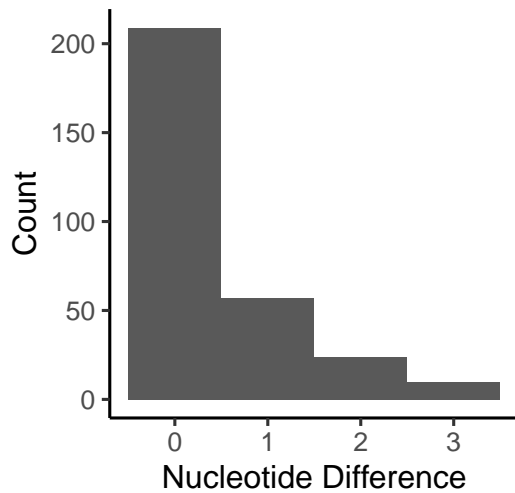
TRBV6-5*01

419 sequences assigned
300 (71.6%) exact matches, in which:
291 unique CDR3
13 unique J



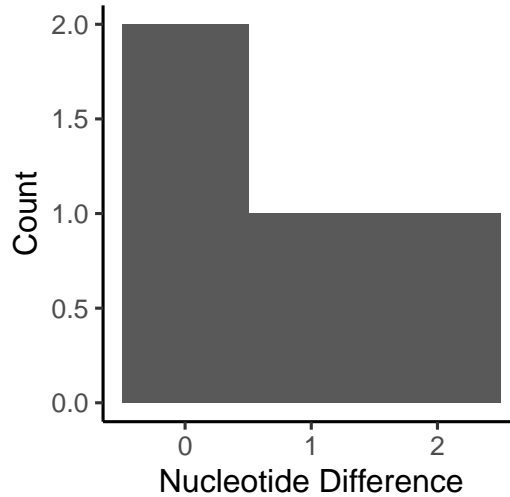
TRBV6-6*02

300 sequences assigned
209 (69.7%) exact matches, in which:
183 unique CDR3
13 unique J



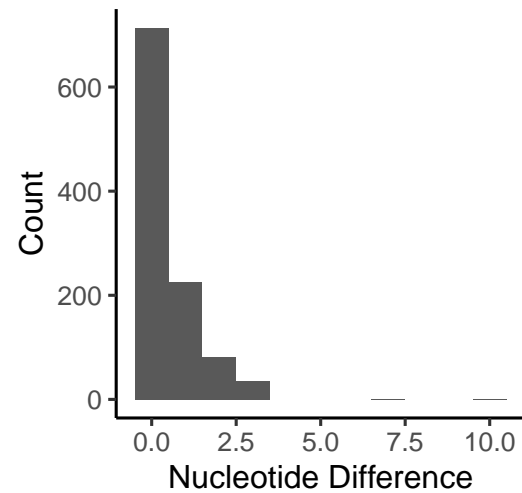
TRBV6-9*01

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



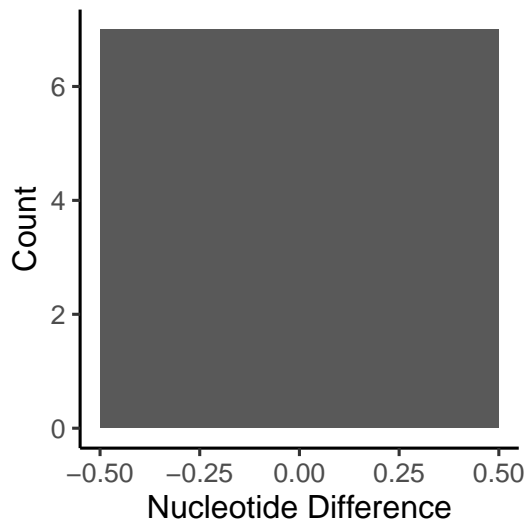
TRBV7-2*01

1060 sequences assigned
714 (67.4%) exact matches, in which:
661 unique CDR3
13 unique J



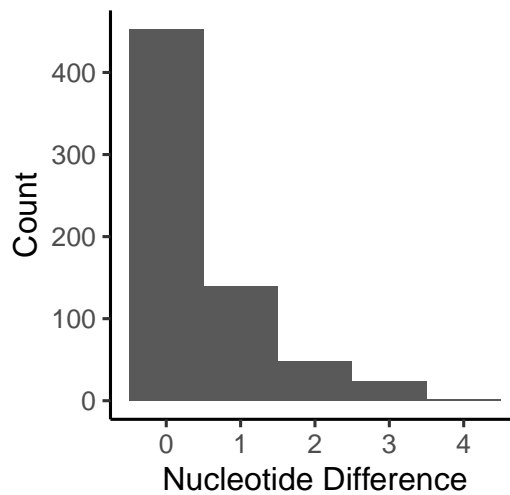
TRBV6-7*01

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



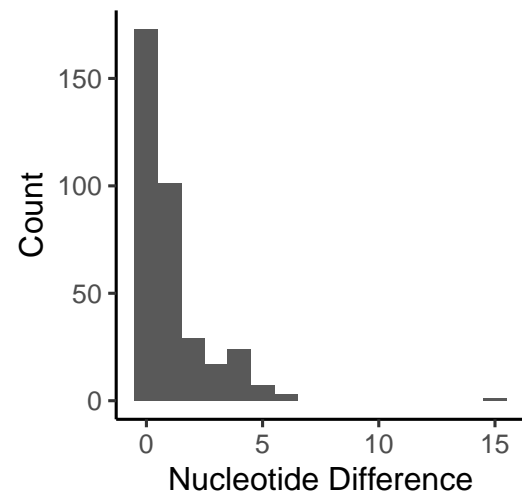
TRBV6-23*01

667 sequences assigned
453 (67.9%) exact matches, in which:
418 unique CDR3
13 unique J



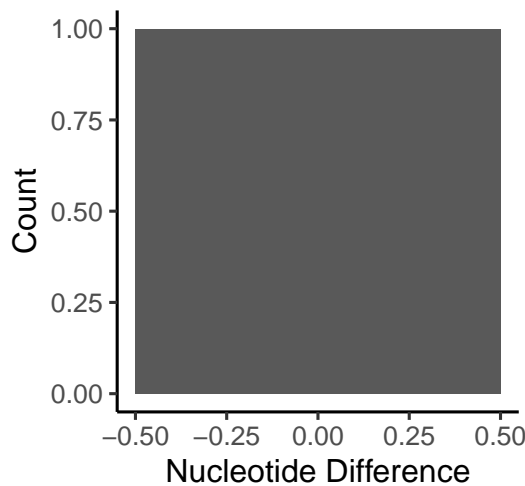
TRBV7-3*01

355 sequences assigned
173 (48.7%) exact matches, in which:
124 unique CDR3
11 unique J



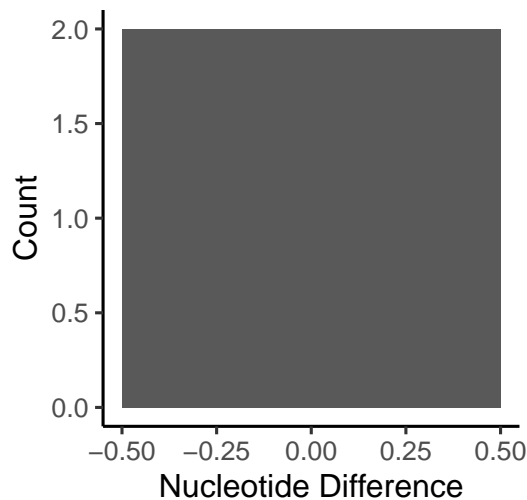
TRBV6-8*01

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



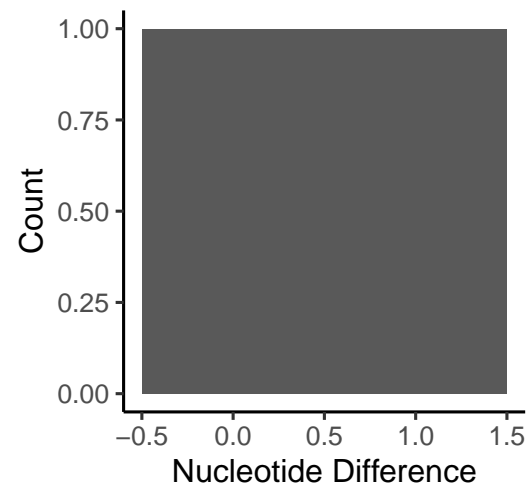
TRBV7-1*01

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



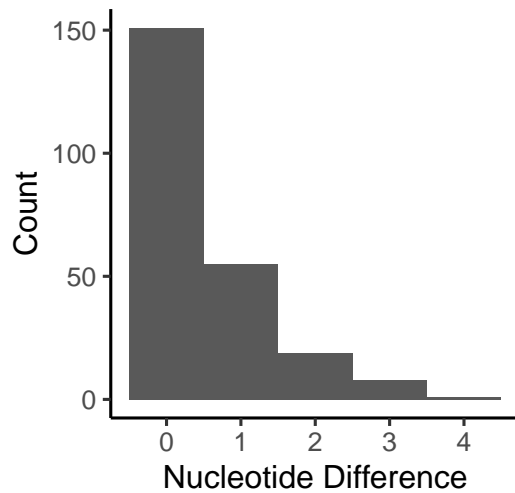
TRBV7-4*01

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



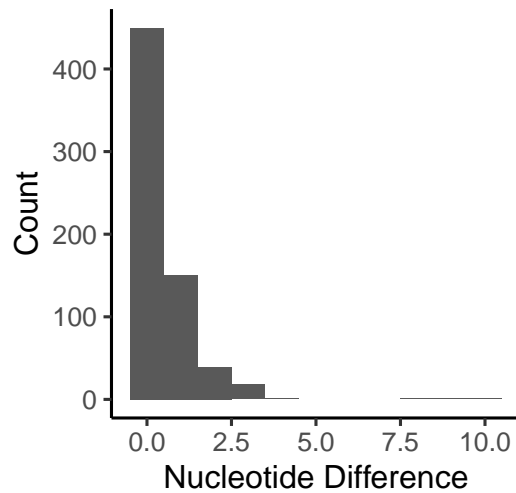
TRBV7-6*01

234 sequences assigned
151 (64.5%) exact matches, in which:
112 unique CDR3
11 unique J



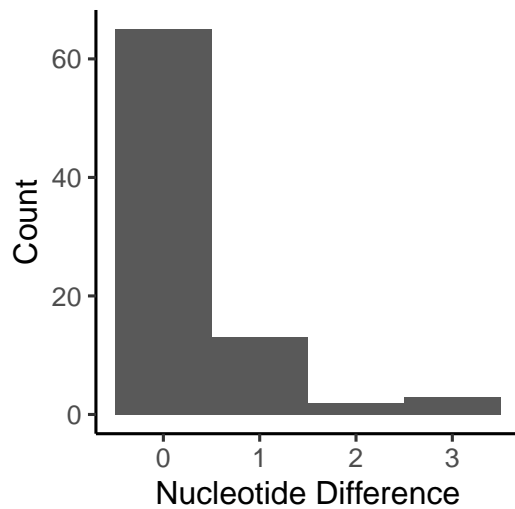
TRBV7-9*03

662 sequences assigned
450 (68%) exact matches, in which:
419 unique CDR3
13 unique J



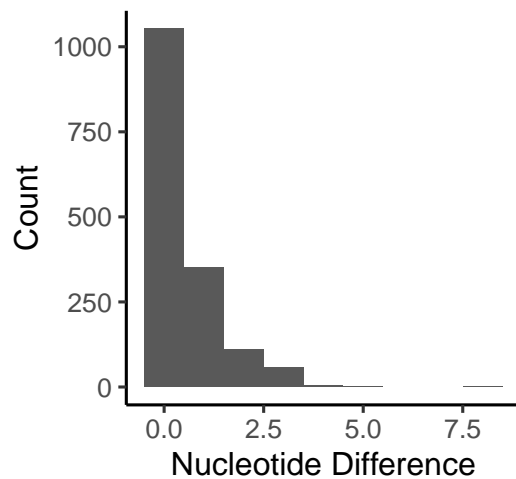
TRBV7-7*01

83 sequences assigned
65 (78.3%) exact matches, in which:
62 unique CDR3
9 unique J



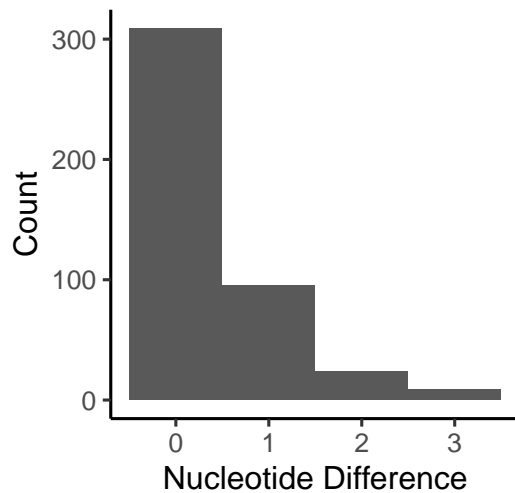
TRBV29-1*01

1576 sequences assigned
1053 (66.8%) exact matches, in which:
927 unique CDR3
13 unique J

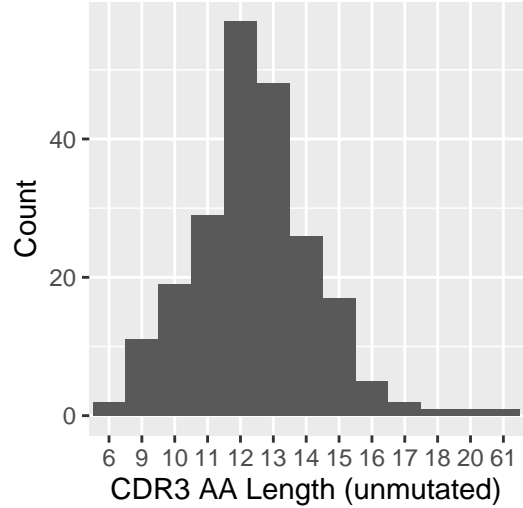


TRBV7-8*01

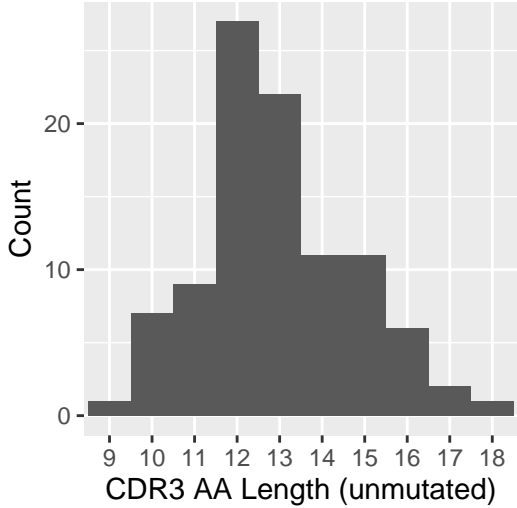
437 sequences assigned
309 (70.7%) exact matches, in which:
269 unique CDR3
13 unique J



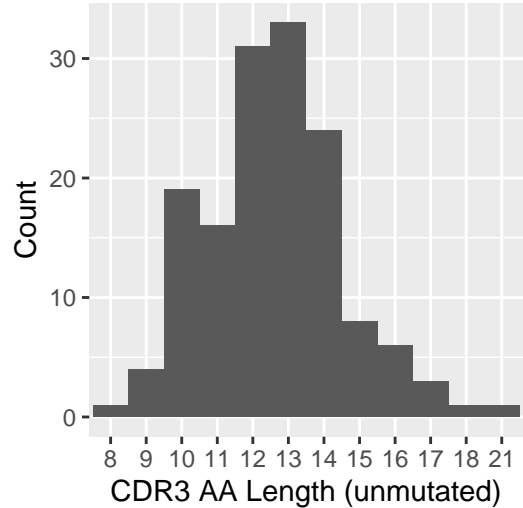
TRBV10-3*03_313GCCATC,



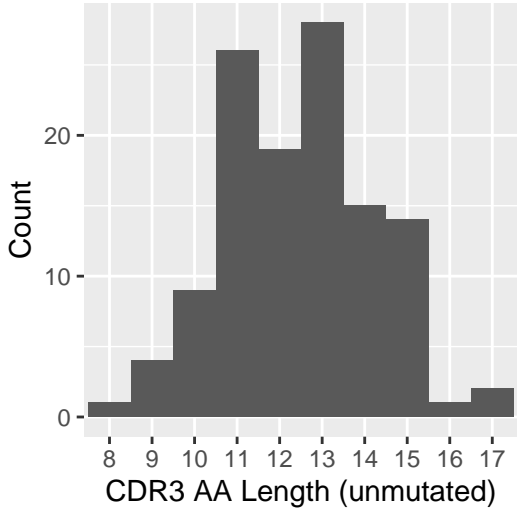
TRBV14*02_322CAAGA326



TRBV12-4*01_C87T



TRBV19*01_A24G



TRBV12-5*01_C28G

