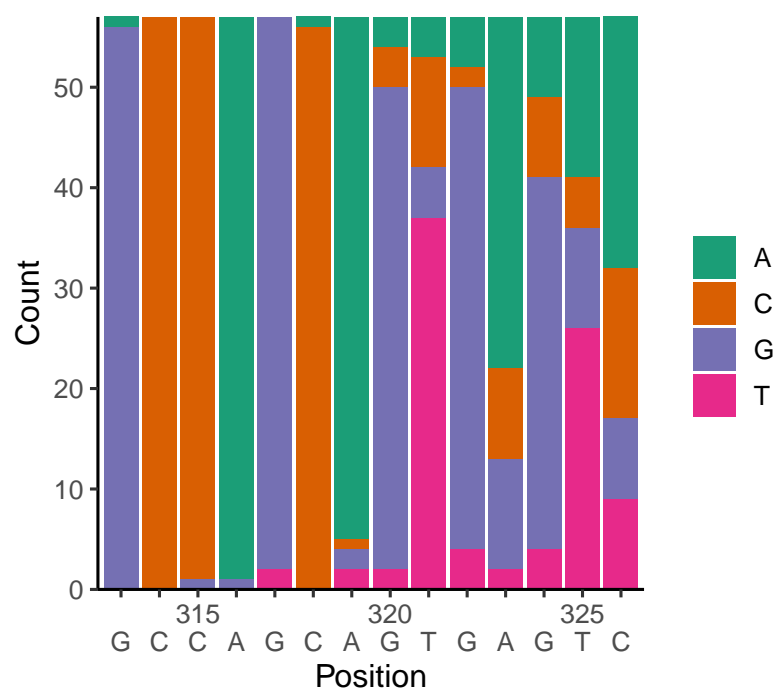
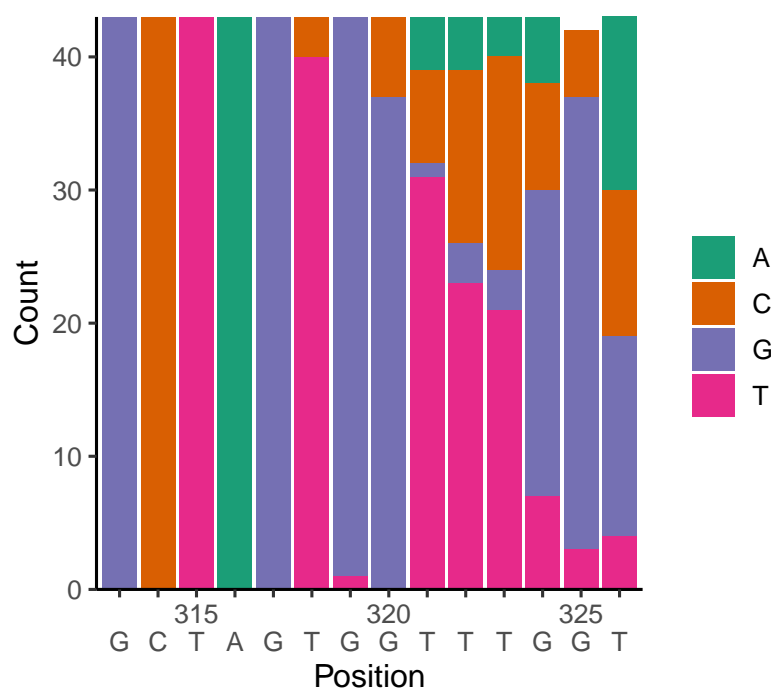


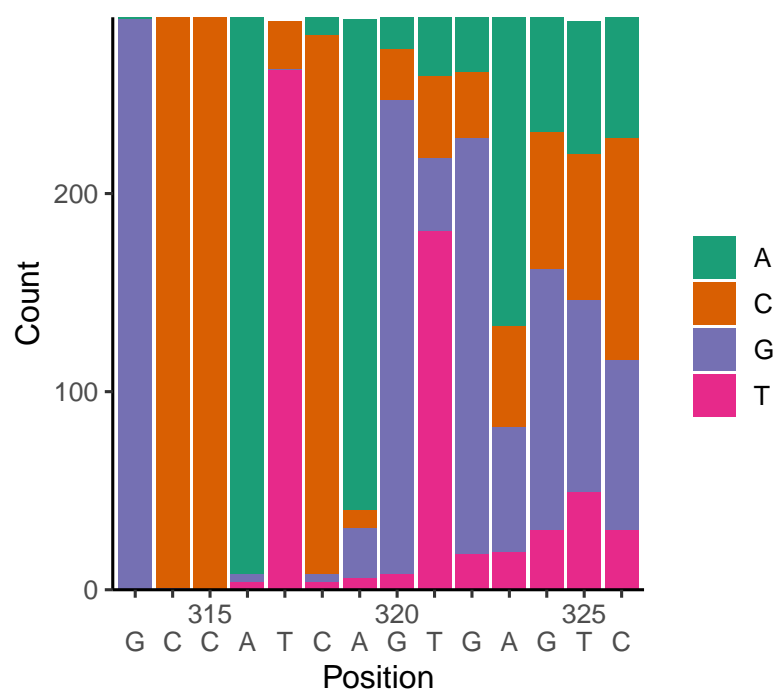
Gene TRBV10-1*02_G274T



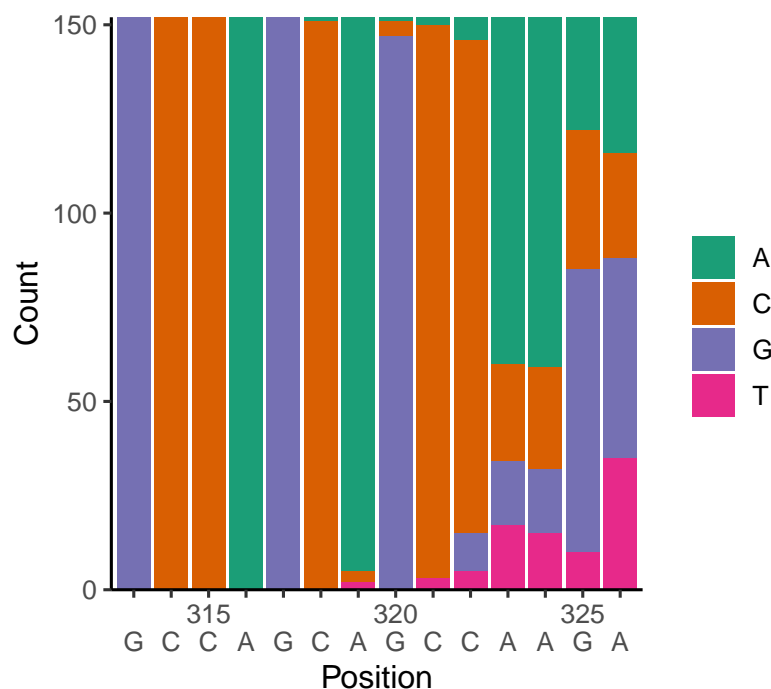
Gene TRBV12-5*01_C28G_T140A



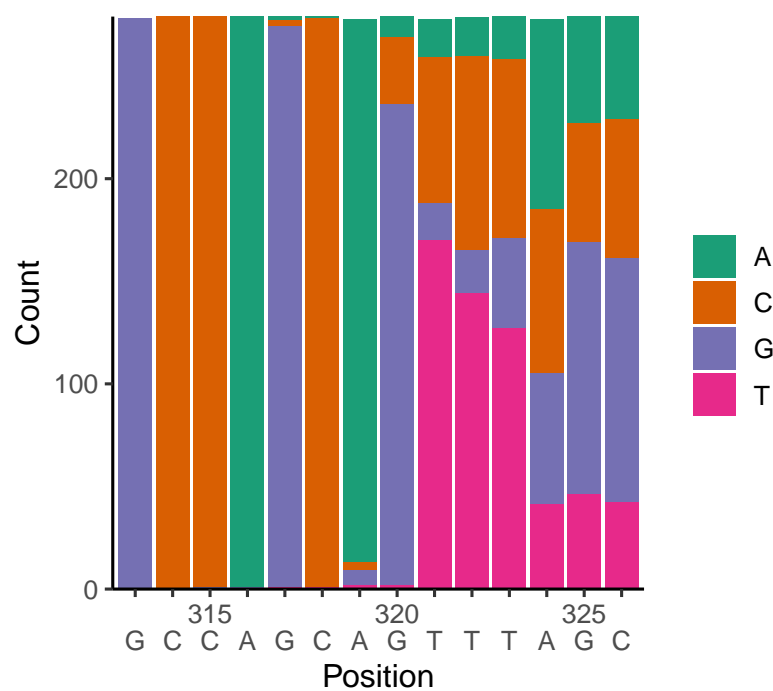
Gene TRBV10-3*03_313GCCATCAGTG/



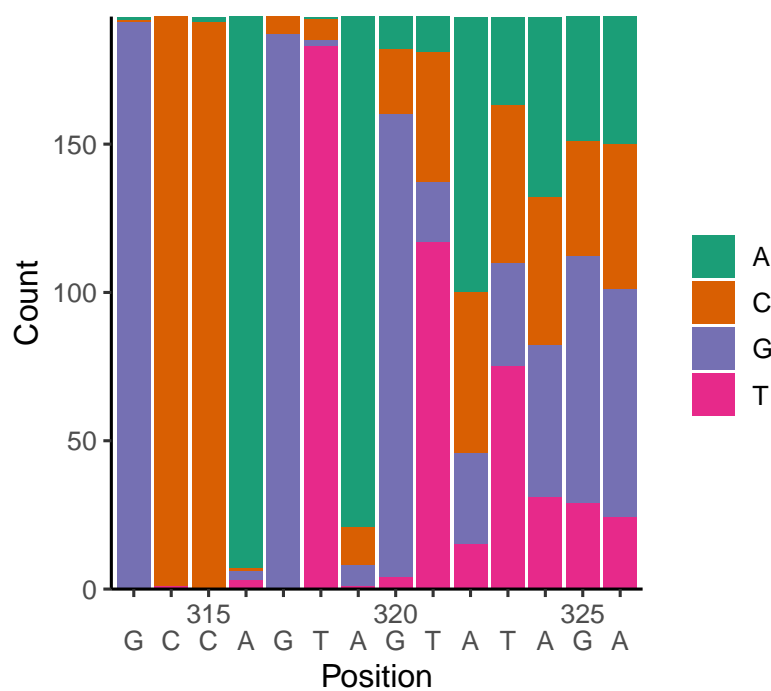
Gene TRBV14*02_322CAAGA326



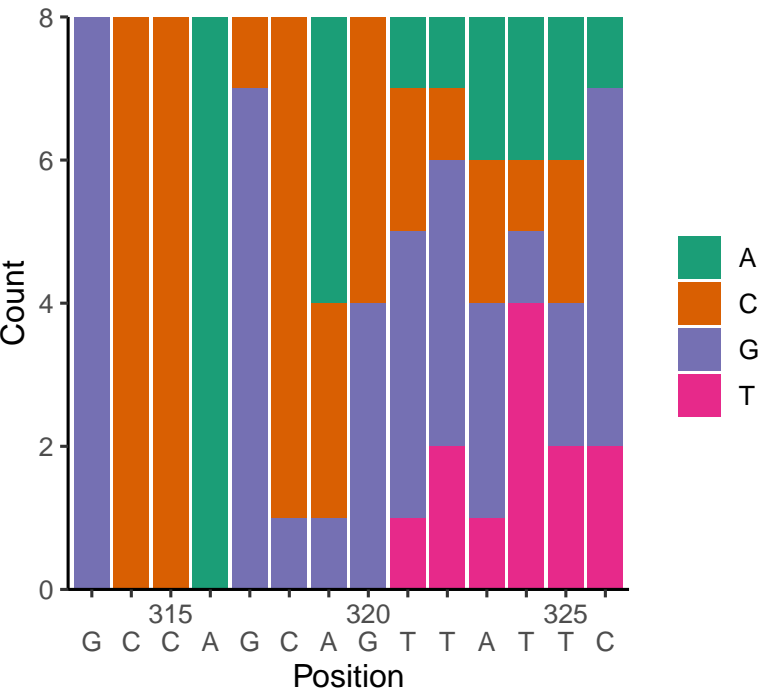
Gene TRBV12-4*01_C87T



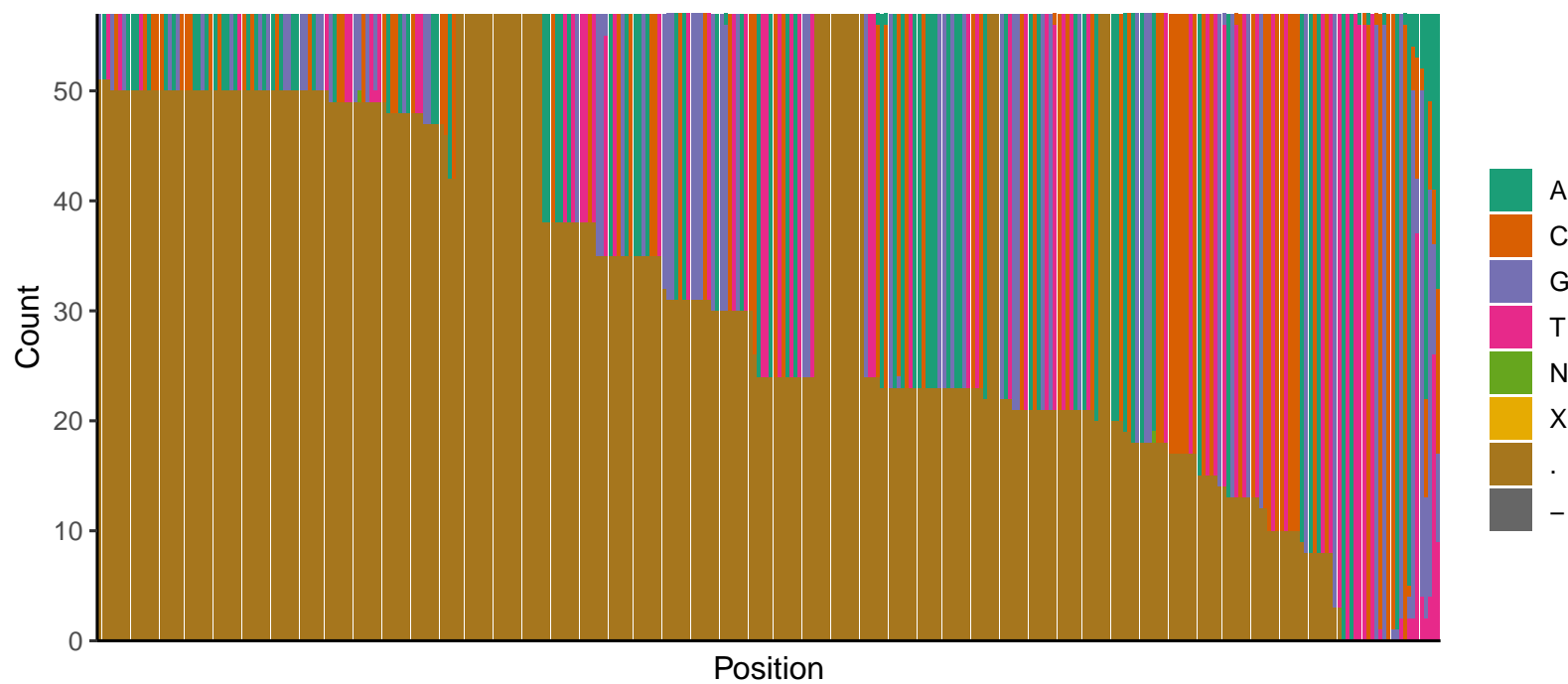
Gene TRBV19*01_A24G



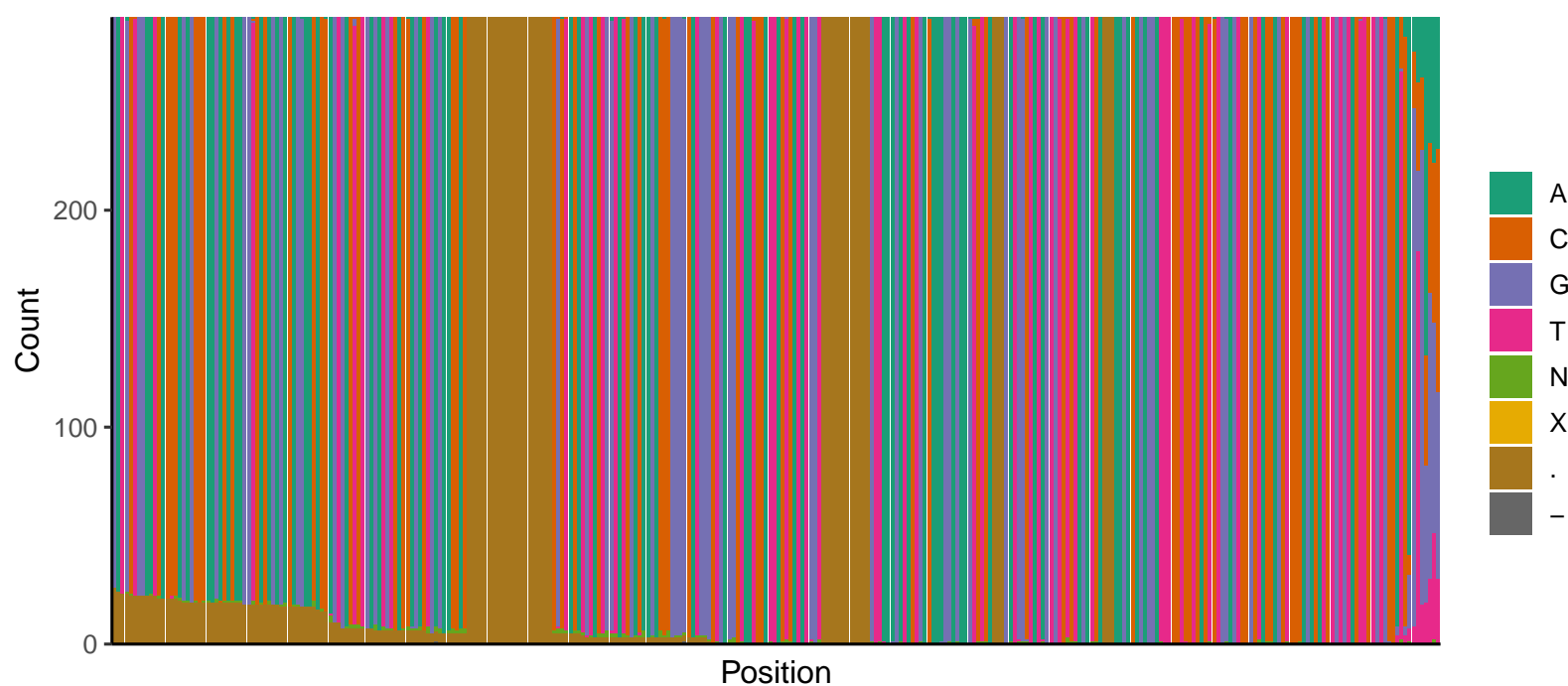
Gene TRBV6-9*01_A303G



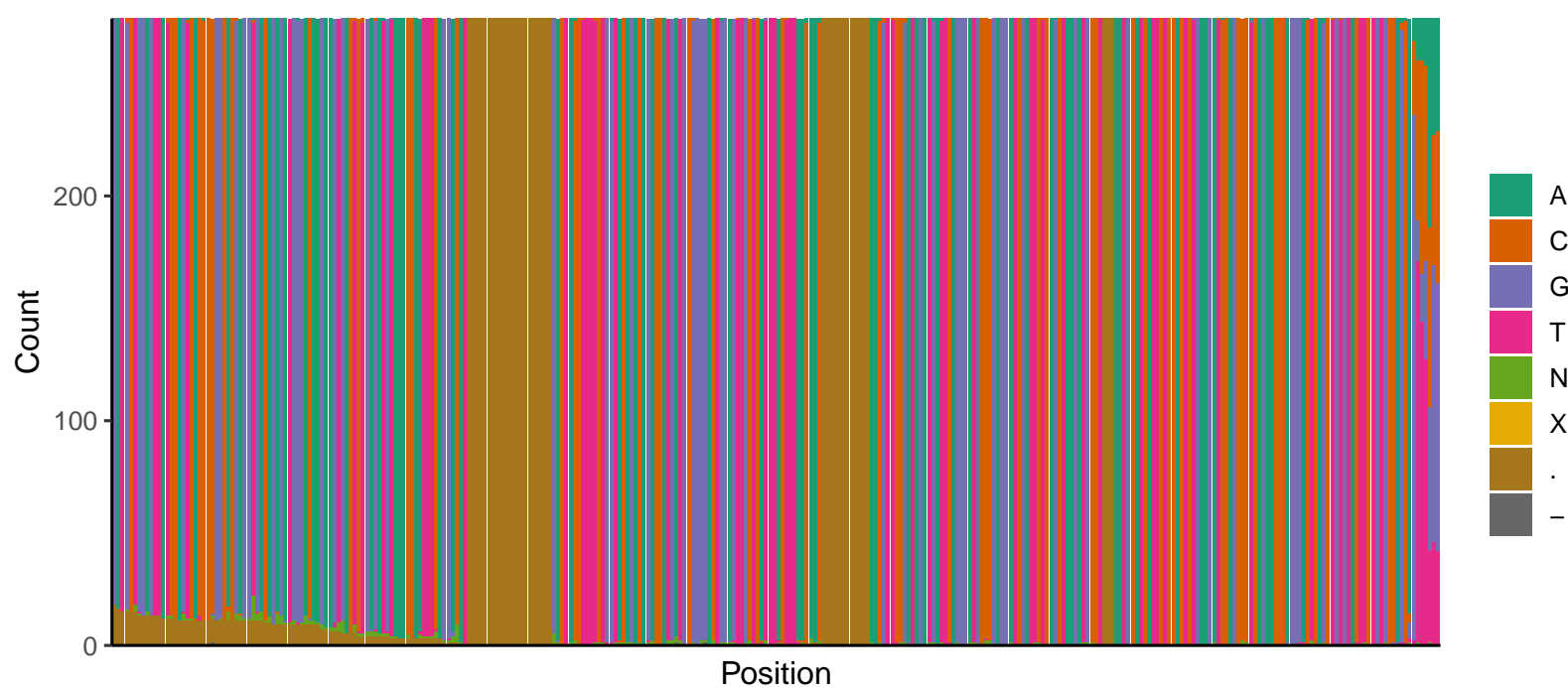
Gene TRBV10-1*02_G274T



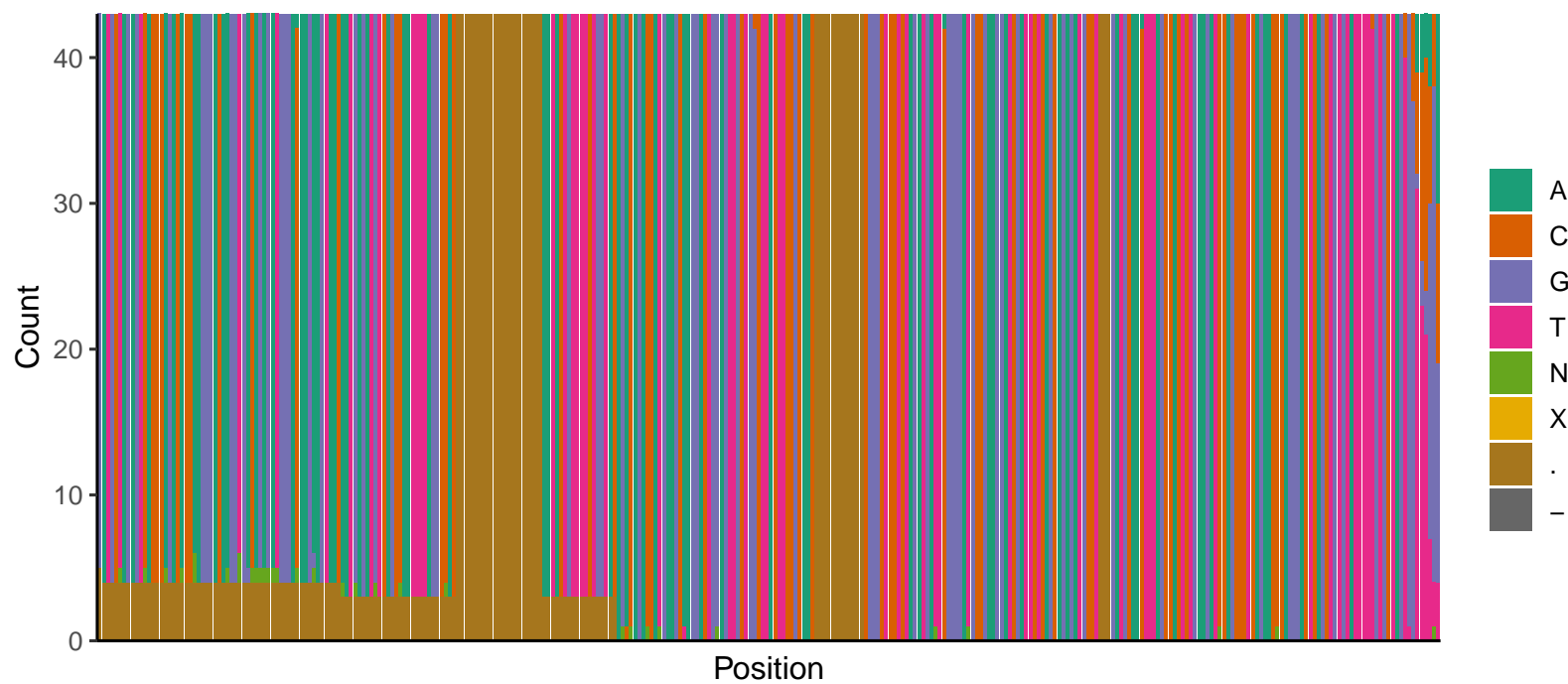
Gene TRBV10-3*03_313GCCATCAGTGAGTC326



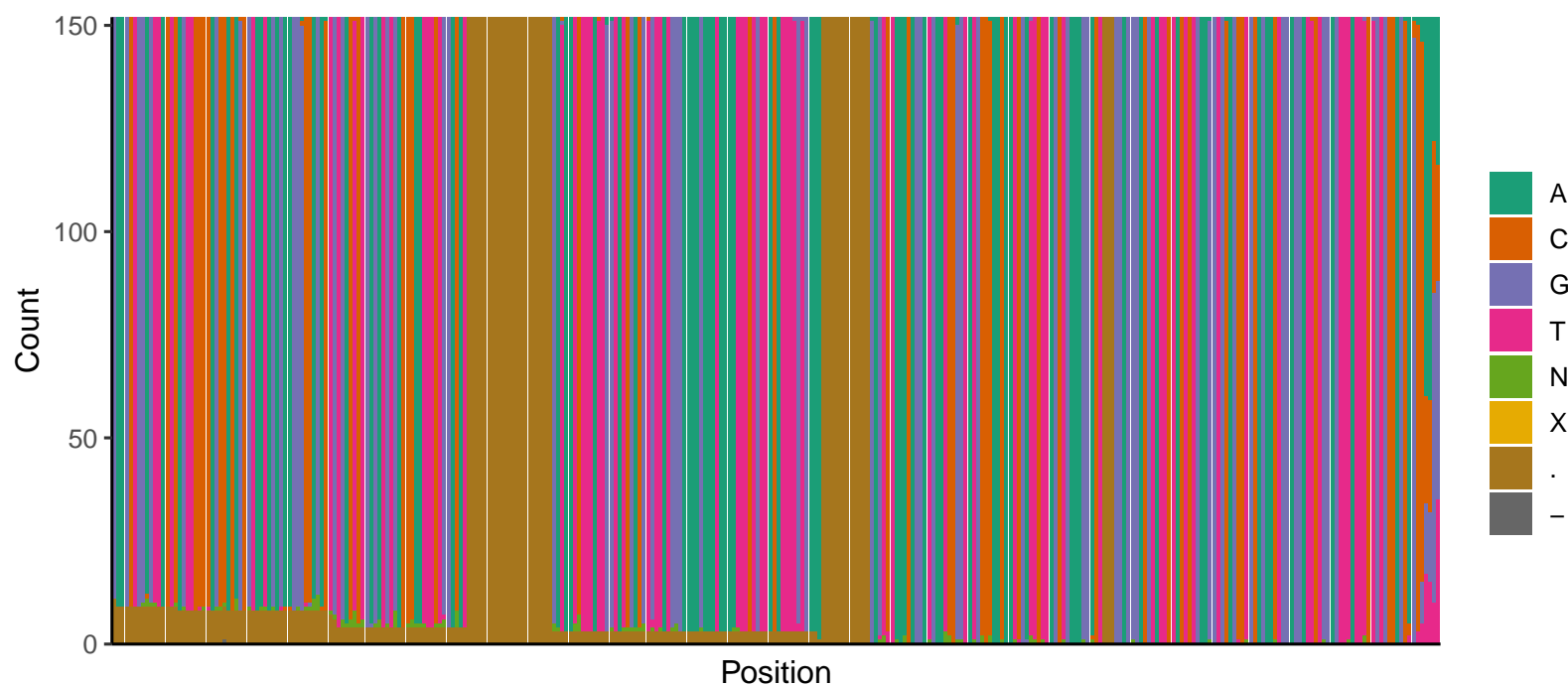
Gene TRBV12-4*01_C87T



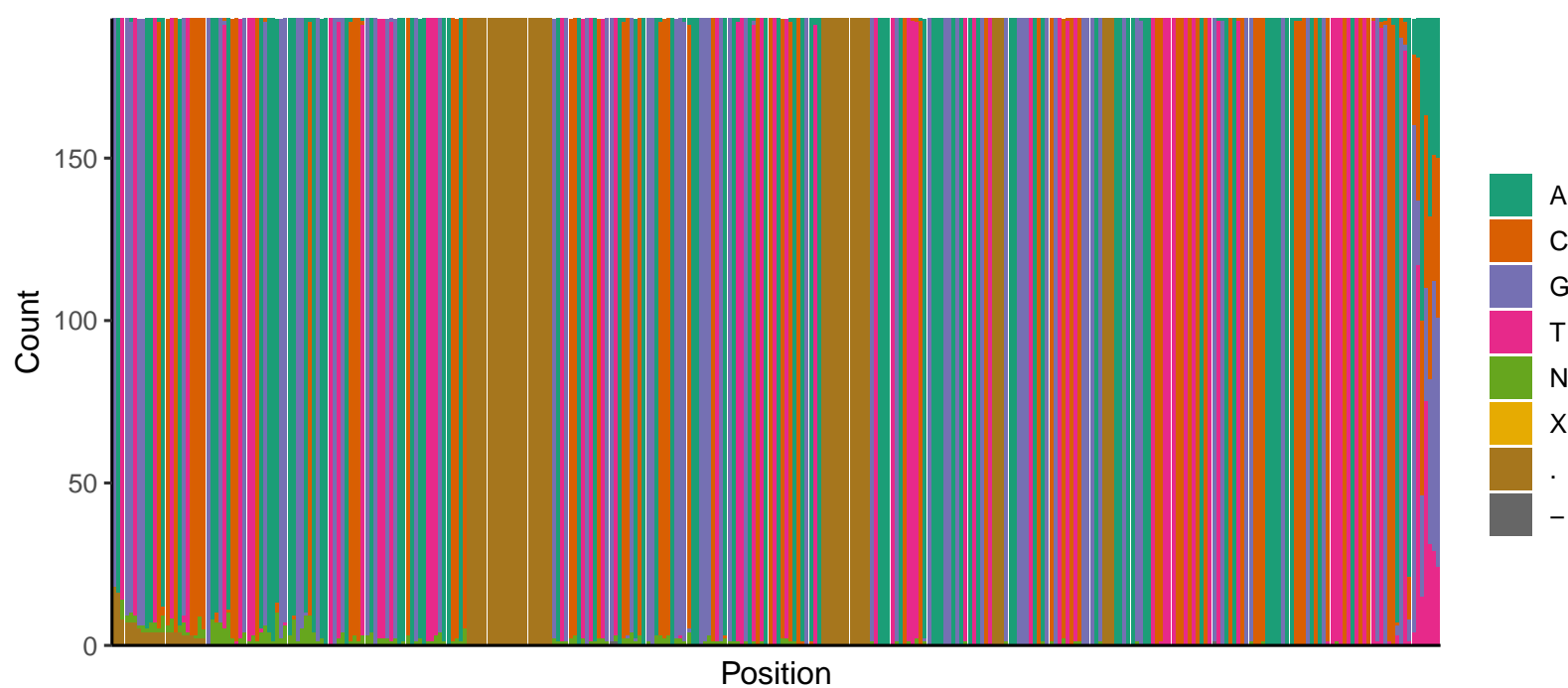
Gene TRBV12-5*01_C28G_T140A



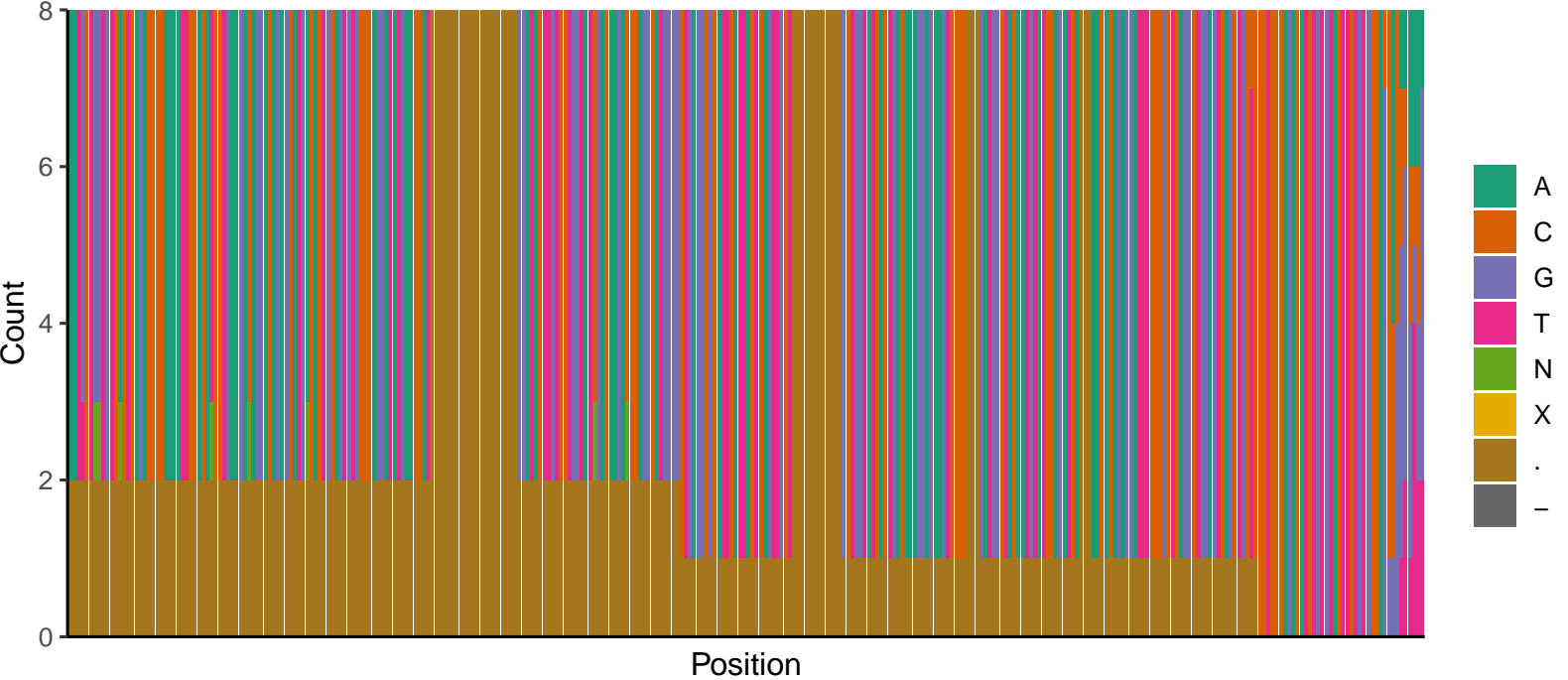
Gene TRBV14*02_322CAAGA326



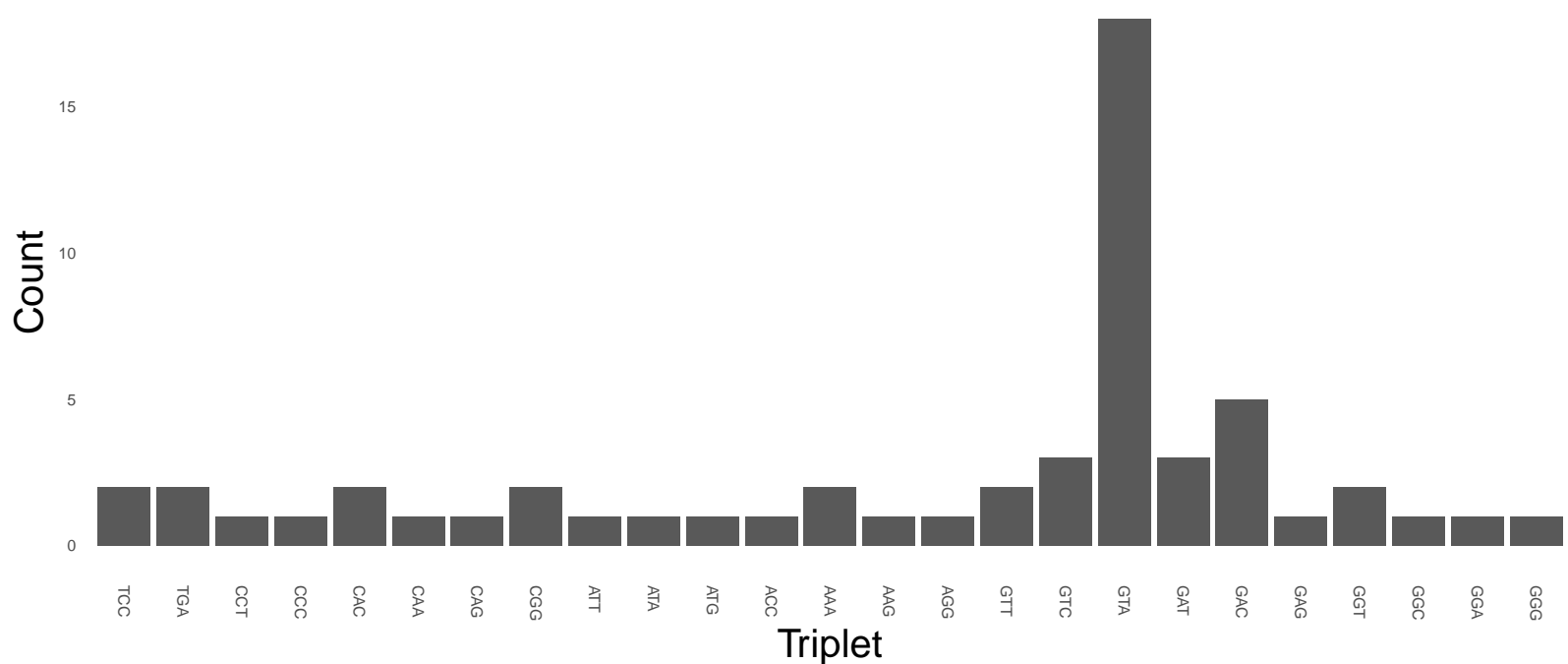
Gene TRBV19*01_A24G



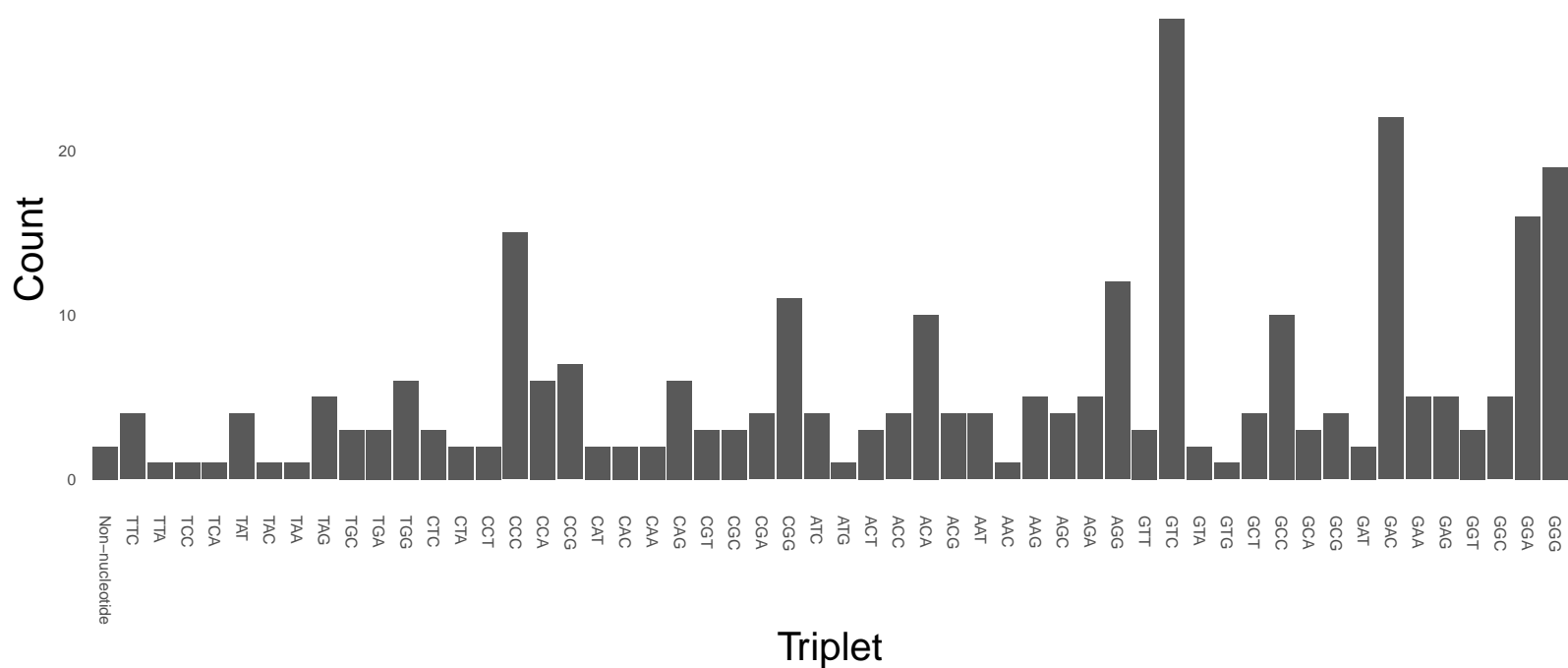
Gene TRBV6-9*01_A303G



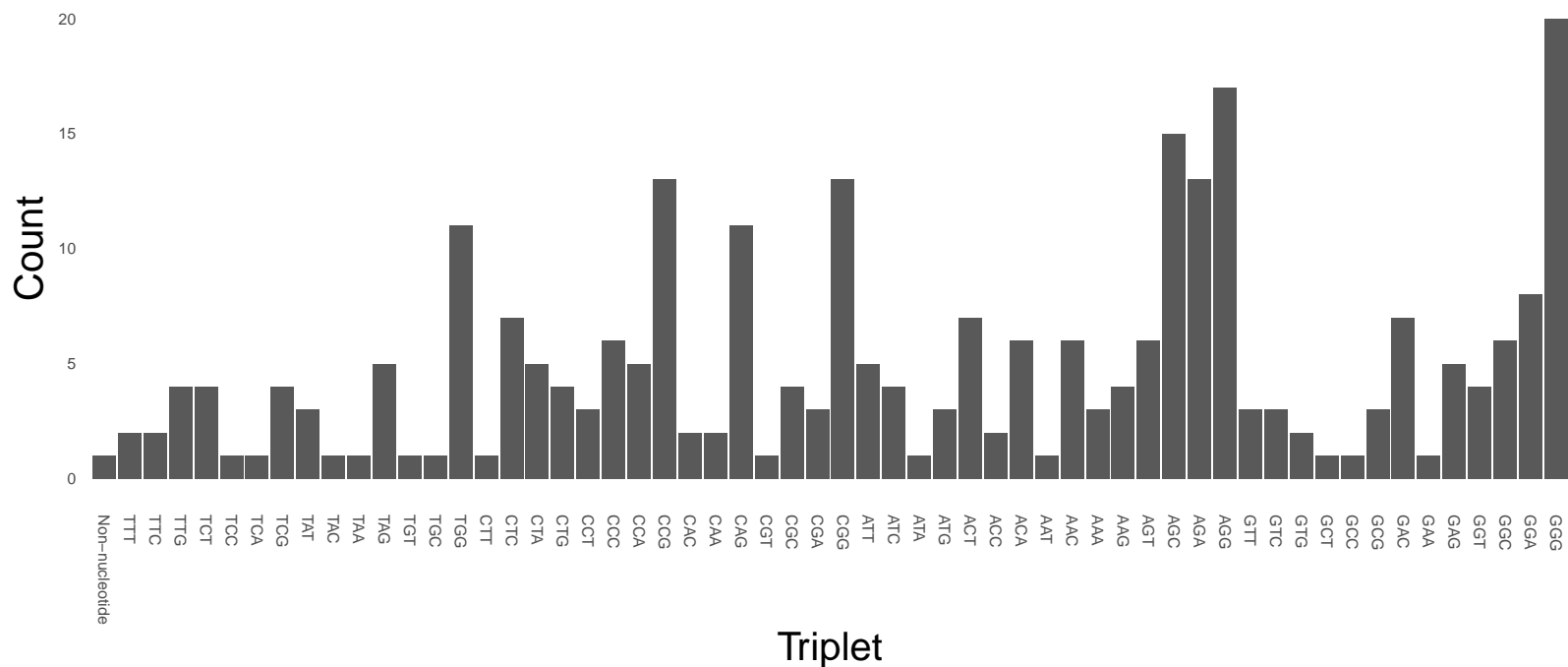
TRBV10–1*02_G274T– Final 3 nucleotides as a triplet



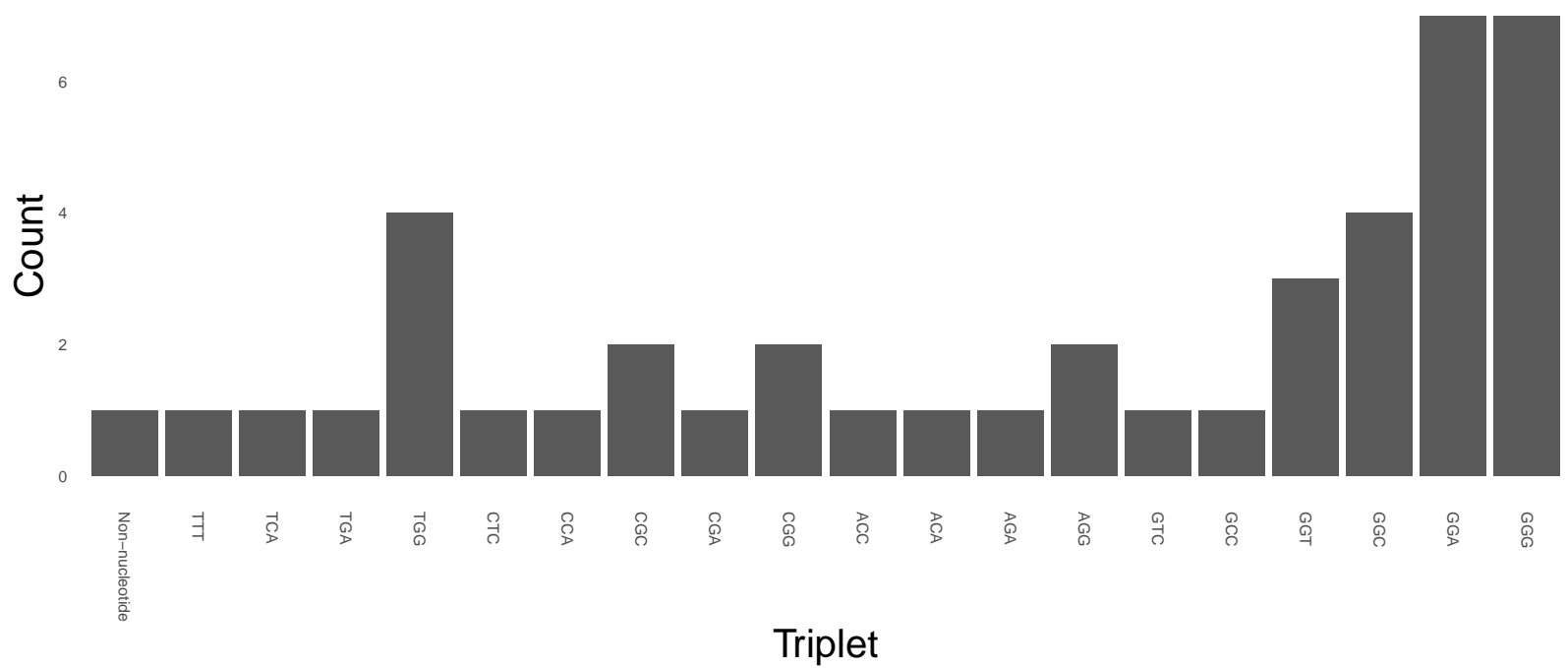
TRBV10–3*03_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



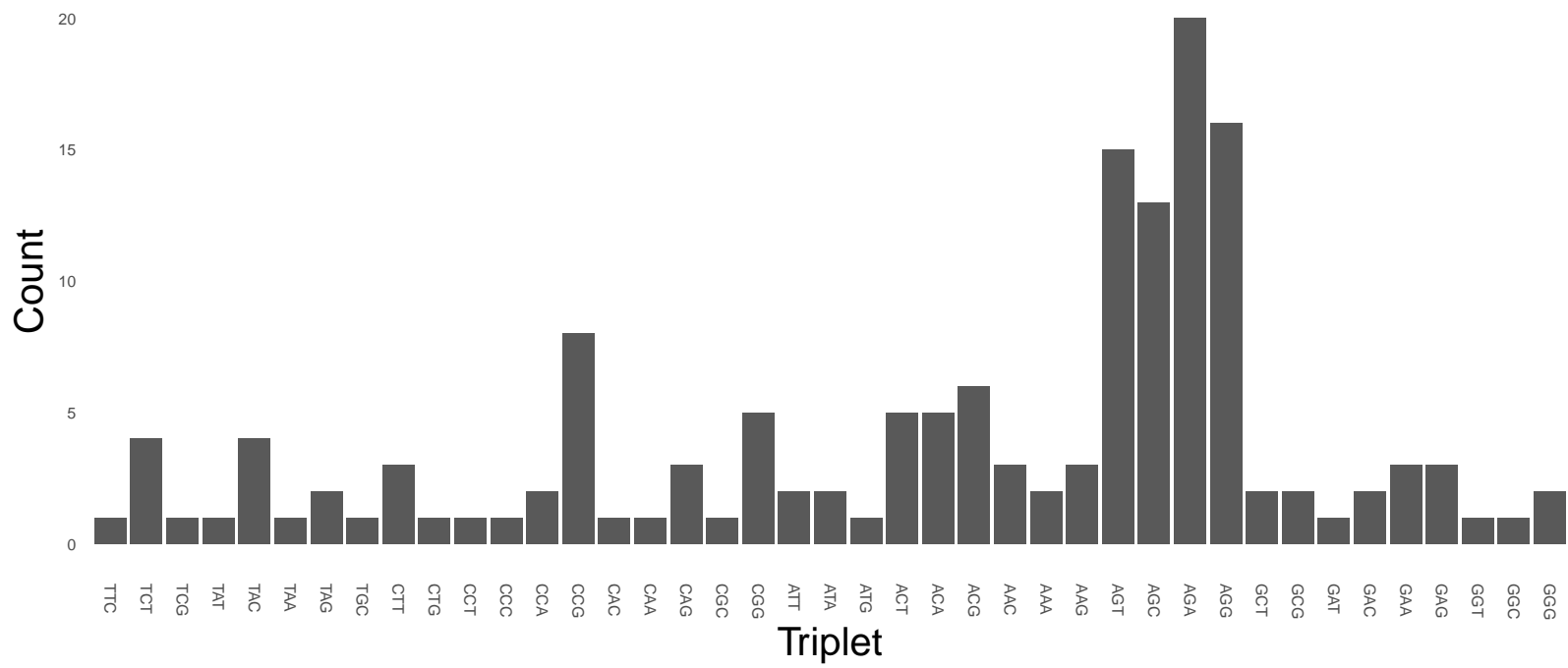
TRBV12–4*01_C87T– Final 3 nucleotides as a triplet



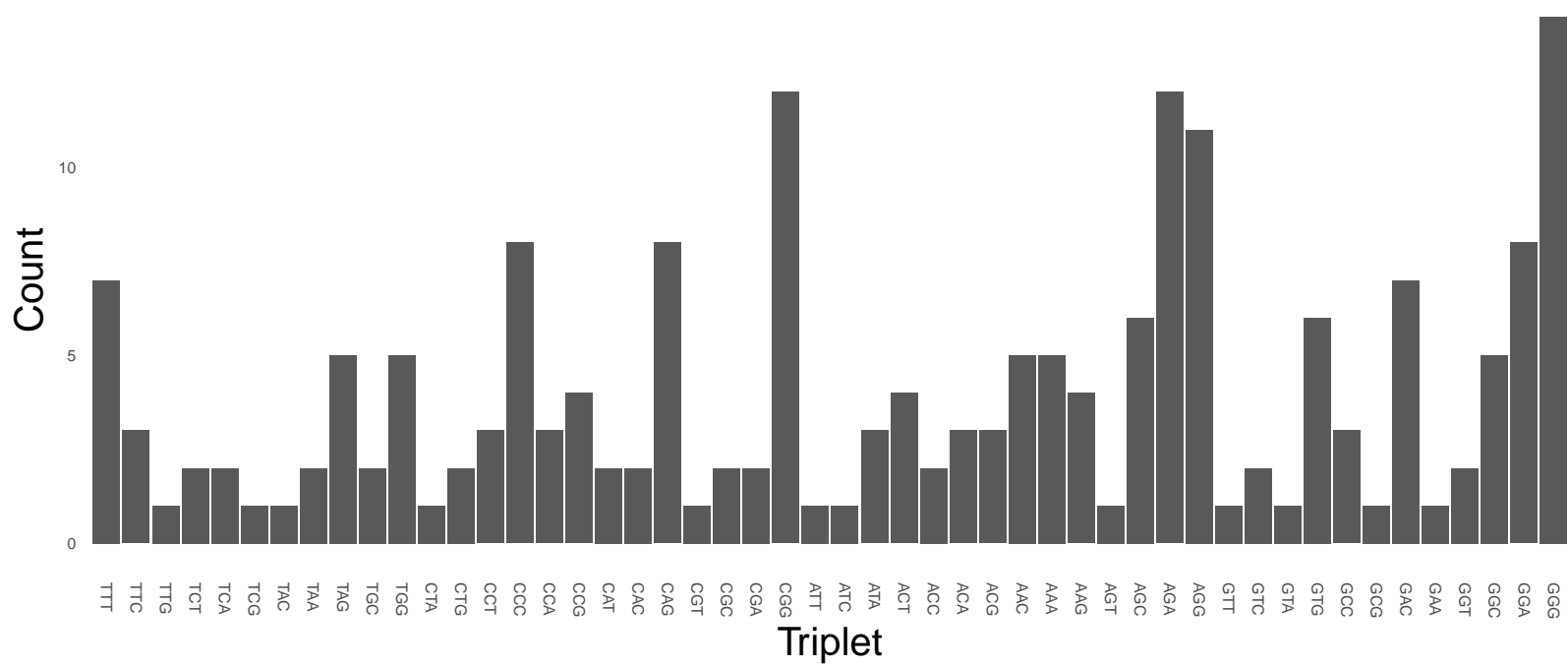
TRBV12-5*01_C28G_T140A- Final 3 nucleotides as a triplet



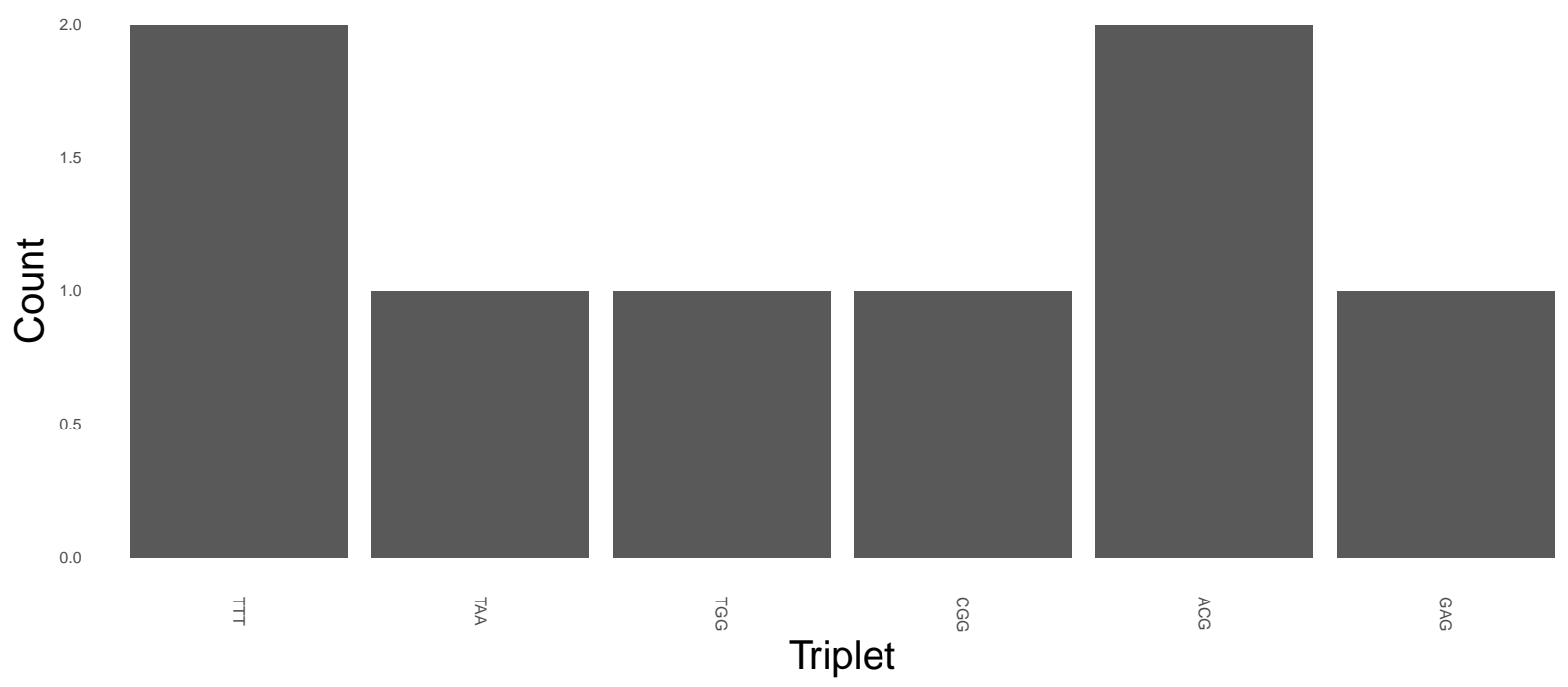
TRBV14*02_322CAAGA326- Final 3 nucleotides as a triplet



TRBV19*01_A24G- Final 3 nucleotides as a triplet

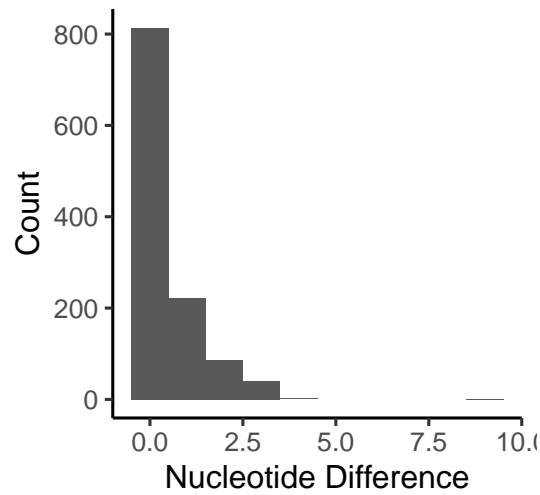


TRBV6-9*01_A303G- Final 3 nucleotides as a triplet



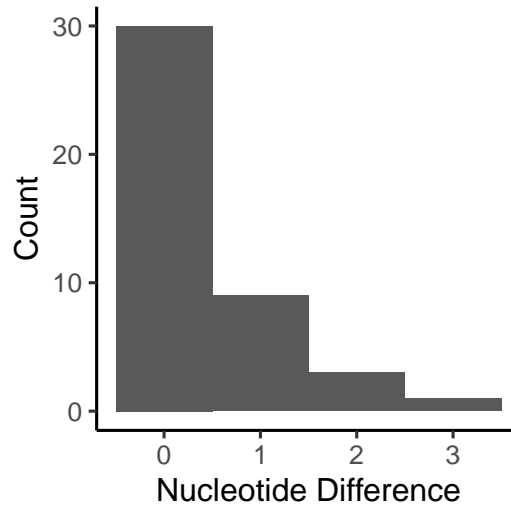
TRBV20–1*01

1167 sequences assigned
814 (69.8%) exact matches, in which:
753 unique CDR3
13 unique J



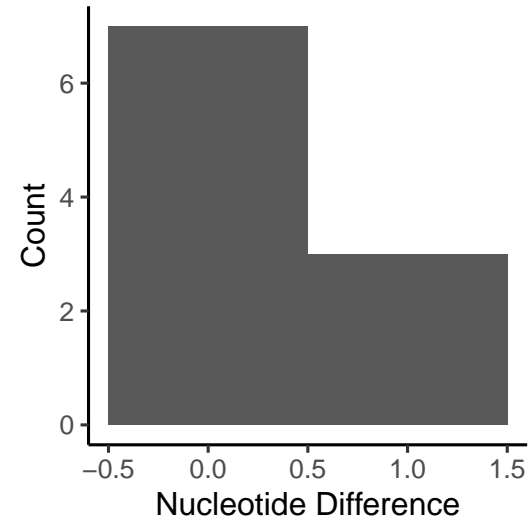
TRBV10–2*01

44 sequences assigned
30 (68.2%) exact matches, in which:
28 unique CDR3
9 unique J



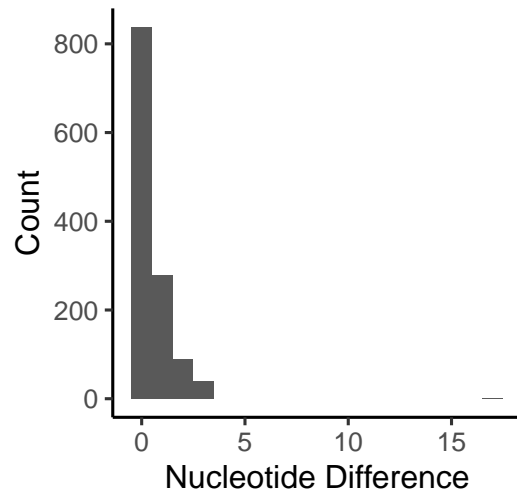
TRBV1*01

10 sequences assigned
7 (70%) exact matches, in which:
5 unique CDR3
4 unique J



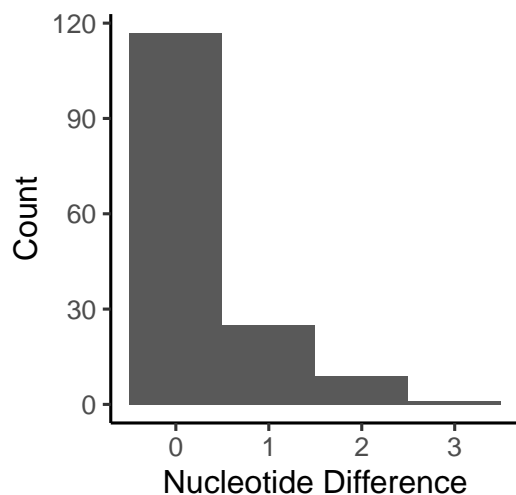
TRBV20–1*05

1247 sequences assigned
838 (67.2%) exact matches, in which:
777 unique CDR3
13 unique J



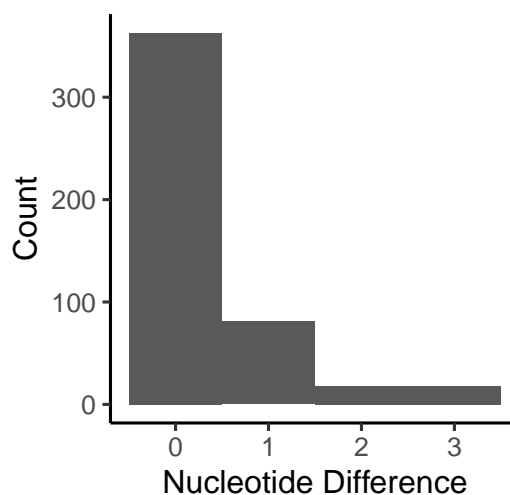
TRBV14*02_322CAAGA3

152 sequences assigned
117 (77%) exact matches, in which:
105 unique CDR3
12 unique J



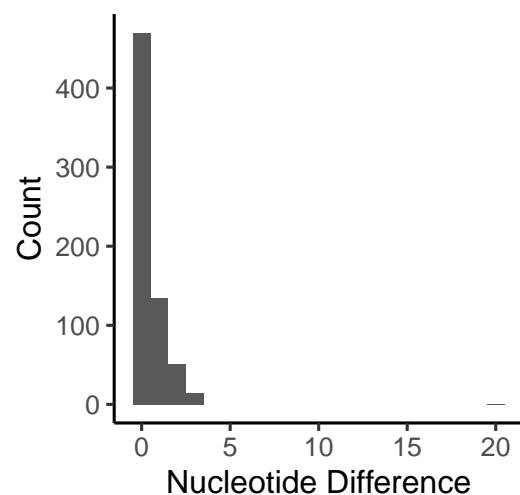
TRBV18*01

480 sequences assigned
363 (75.6%) exact matches, in which:
322 unique CDR3
14 unique J



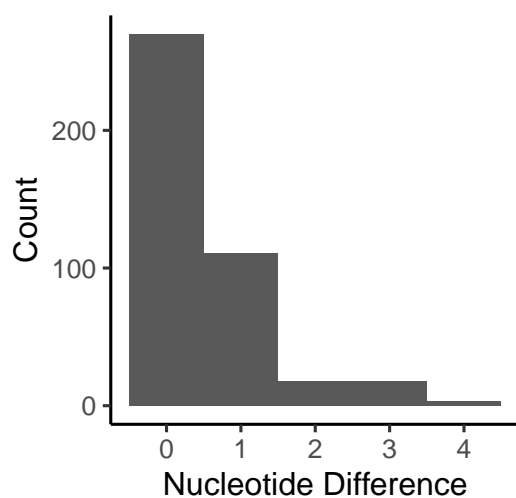
TRBV2*01

671 sequences assigned
470 (70%) exact matches, in which:
428 unique CDR3
14 unique J



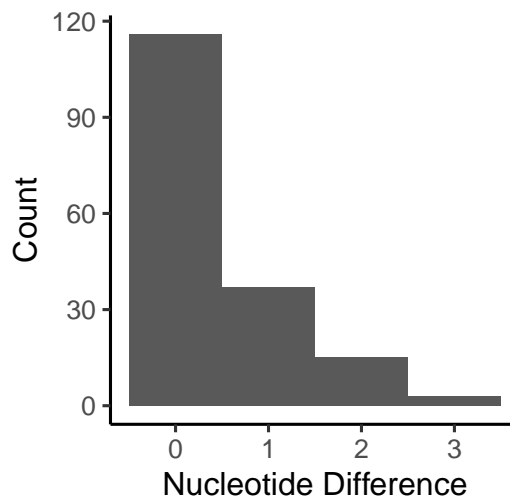
TRBV15*02

420 sequences assigned
270 (64.3%) exact matches, in which:
226 unique CDR3
14 unique J



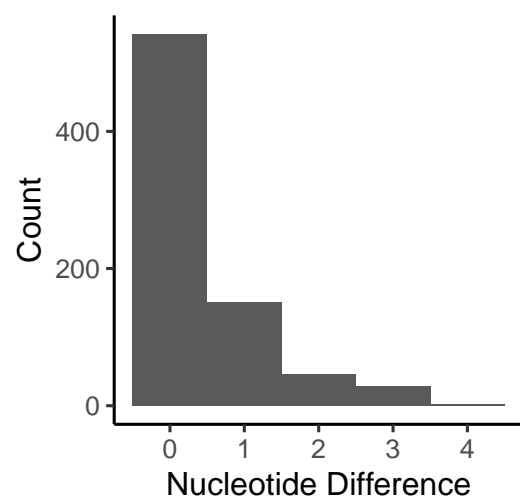
TRBV19*01

171 sequences assigned
116 (67.8%) exact matches, in which:
108 unique CDR3
13 unique J



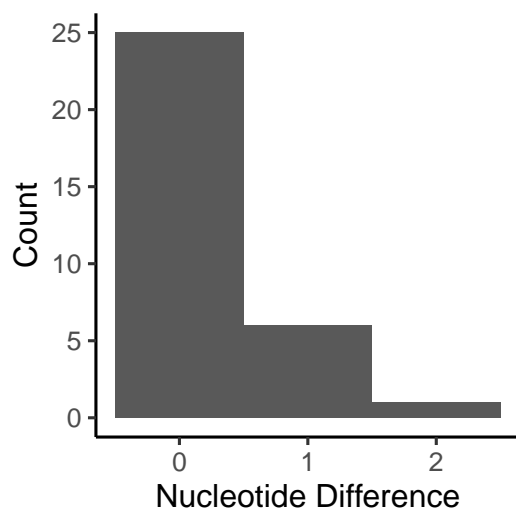
TRBV27*01

769 sequences assigned
542 (70.5%) exact matches, in which:
499 unique CDR3
14 unique J



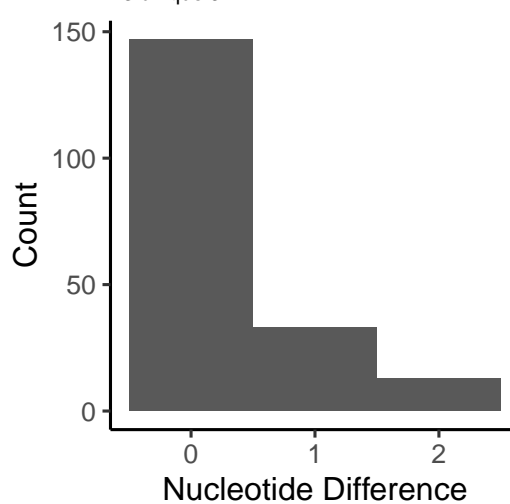
TRBV16*01

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



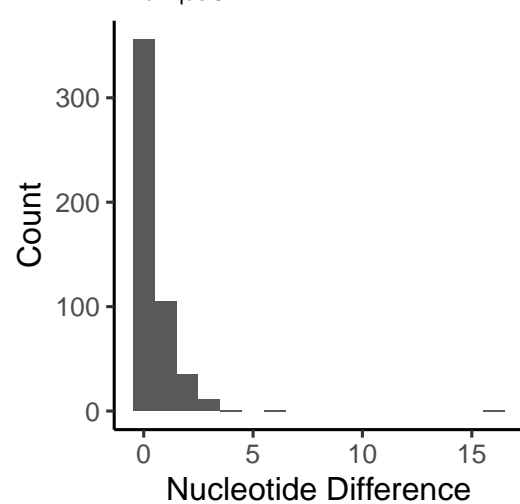
TRBV19*01_A24G

193 sequences assigned
147 (76.2%) exact matches, in which:
135 unique CDR3
13 unique J



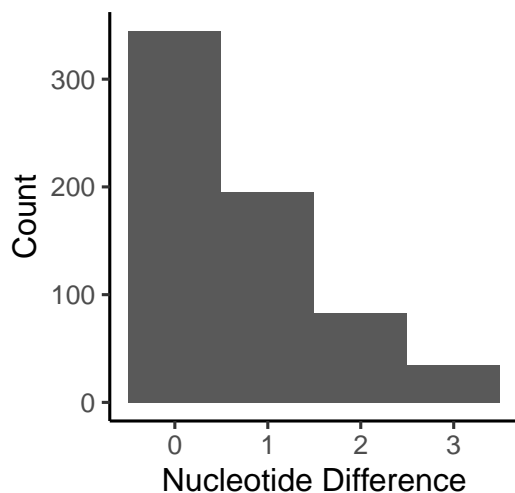
TRBV28*01

510 sequences assigned
356 (69.8%) exact matches, in which:
332 unique CDR3
14 unique J



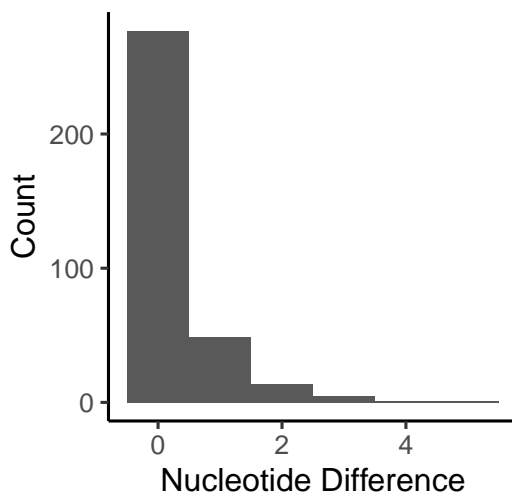
TRBV30*01

658 sequences assigned
345 (52.4%) exact matches, in which:
256 unique CDR3
14 unique J



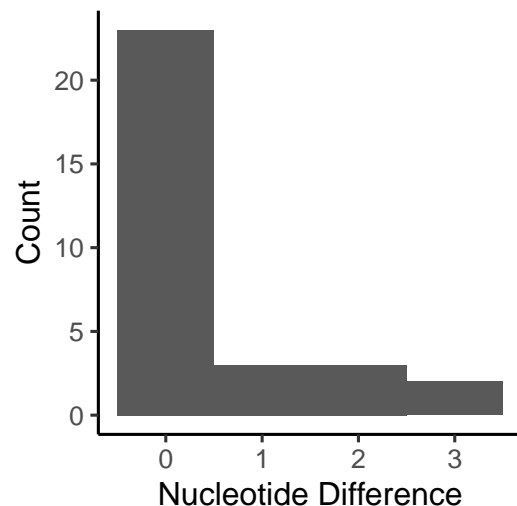
TRBV21-1*01

347 sequences assigned
277 (79.8%) exact matches, in which:
255 unique CDR3
14 unique J



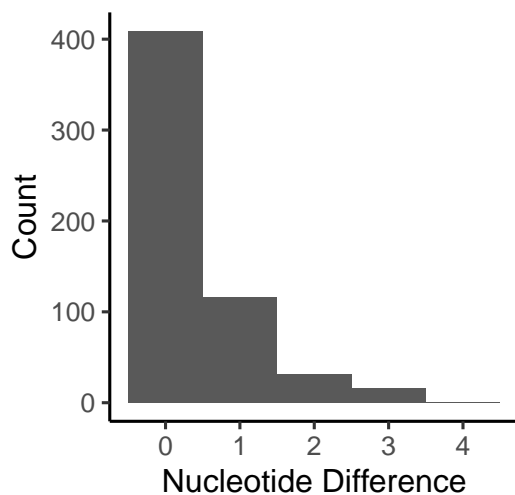
TRBV11-3*01

31 sequences assigned
23 (74.2%) exact matches, in which:
23 unique CDR3
9 unique J



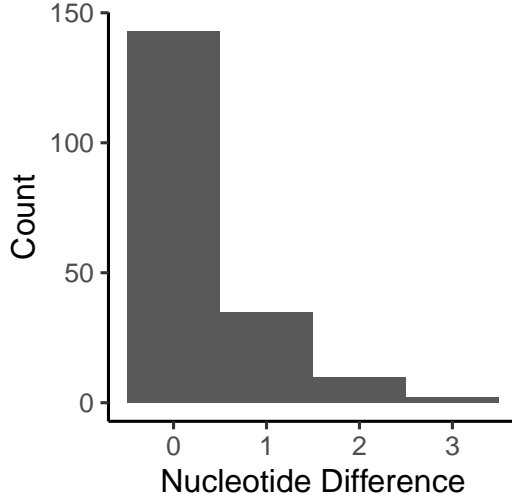
TRBV9*01

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



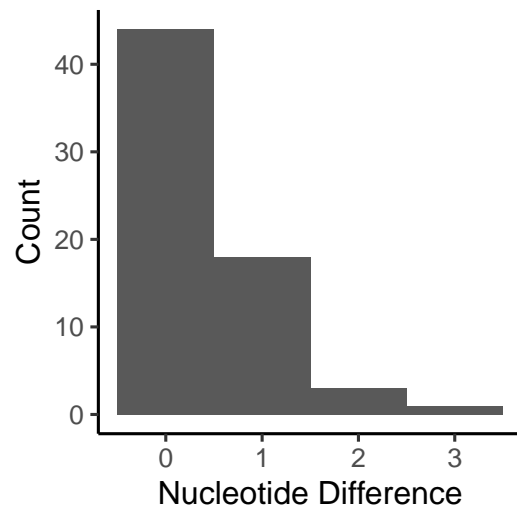
TRBV11-2*01

190 sequences assigned
143 (75.3%) exact matches, in which:
125 unique CDR3
13 unique J



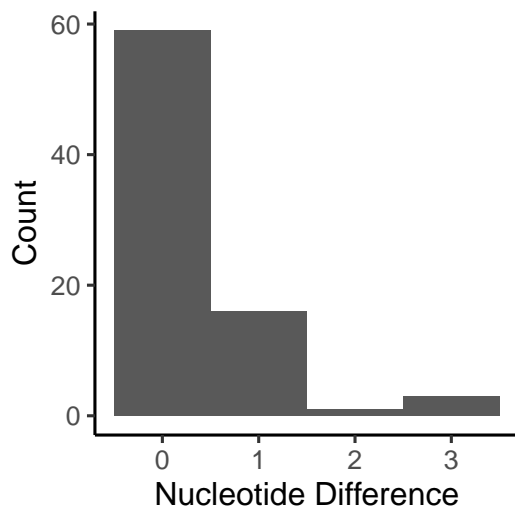
TRBV11-3*04

66 sequences assigned
44 (66.7%) exact matches, in which:
44 unique CDR3
11 unique J



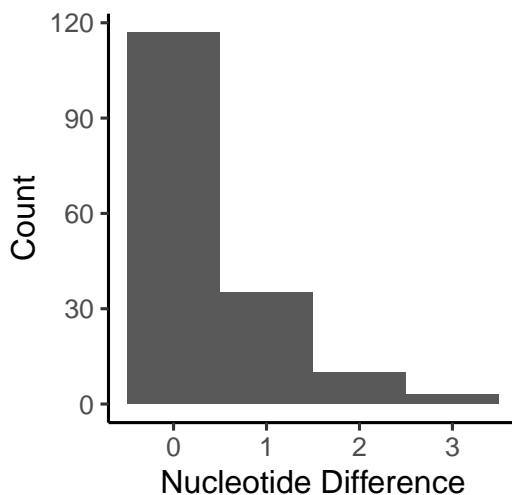
TRBV11-1*01

79 sequences assigned
59 (74.7%) exact matches, in which:
58 unique CDR3
9 unique J



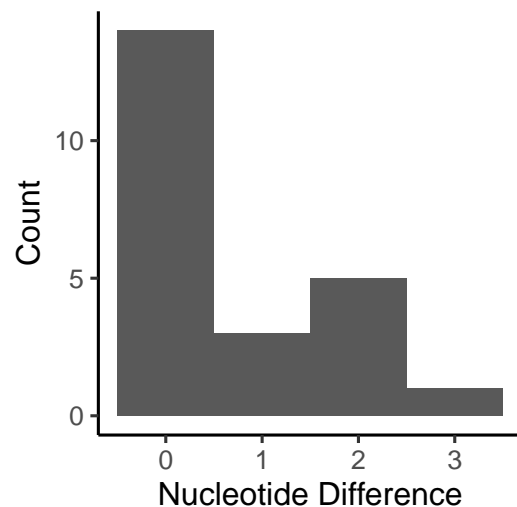
TRBV11-2*03

165 sequences assigned
117 (70.9%) exact matches, in which:
106 unique CDR3
13 unique J



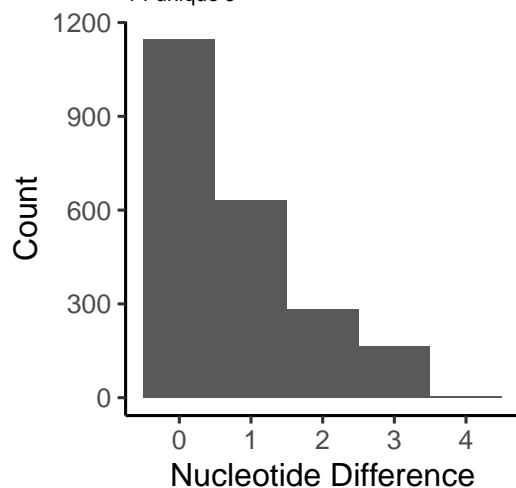
TRBV12-2*01

23 sequences assigned
14 (60.9%) exact matches, in which:
11 unique CDR3
7 unique J



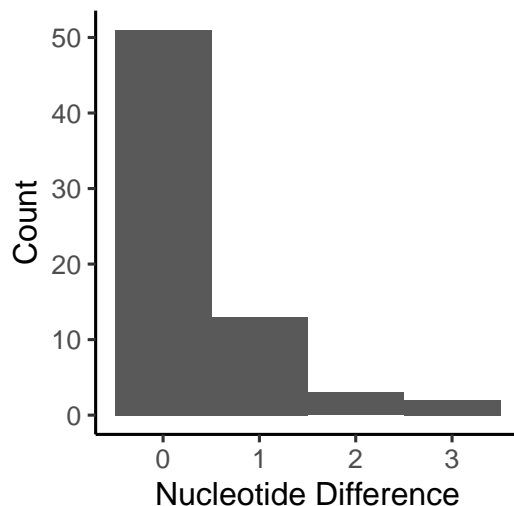
TRBV12-3*01

2232 sequences assigned
1146 (51.3%) exact matches, in which:
895 unique CDR3
14 unique J



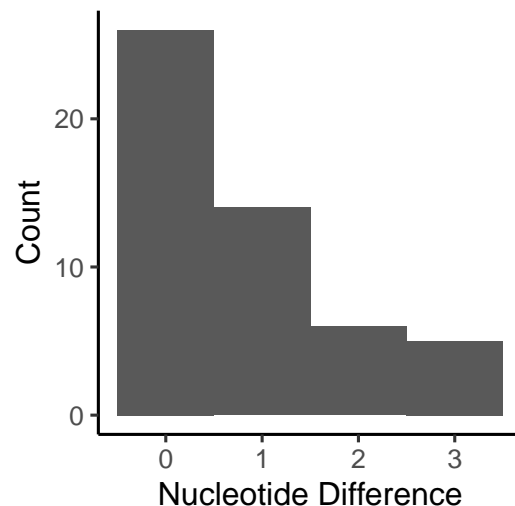
TRBV12-5*01

69 sequences assigned
51 (73.9%) exact matches, in which:
49 unique CDR3
12 unique J



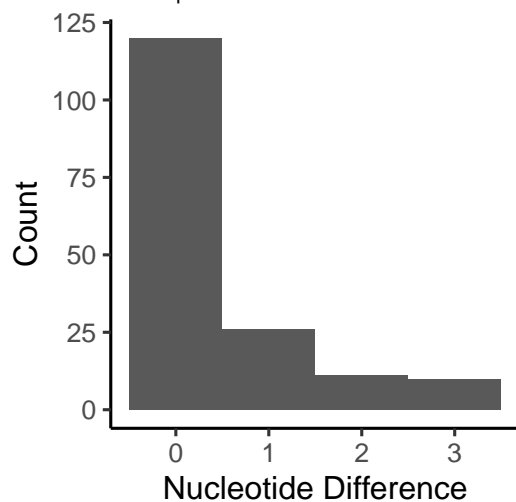
TRBV23-1*01

51 sequences assigned
26 (51%) exact matches, in which:
26 unique CDR3
11 unique J



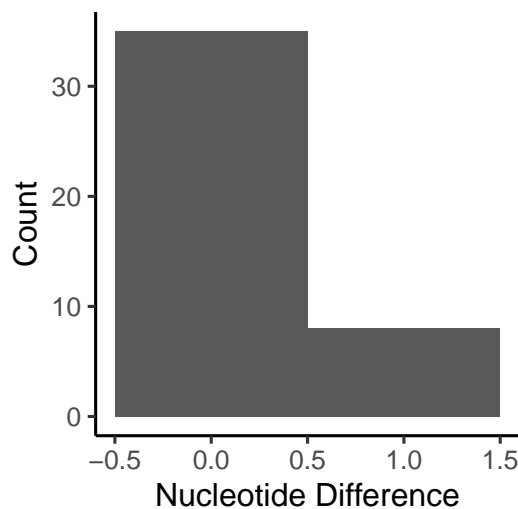
TRBV12-4*01

167 sequences assigned
120 (71.9%) exact matches, in which:
107 unique CDR3
13 unique J



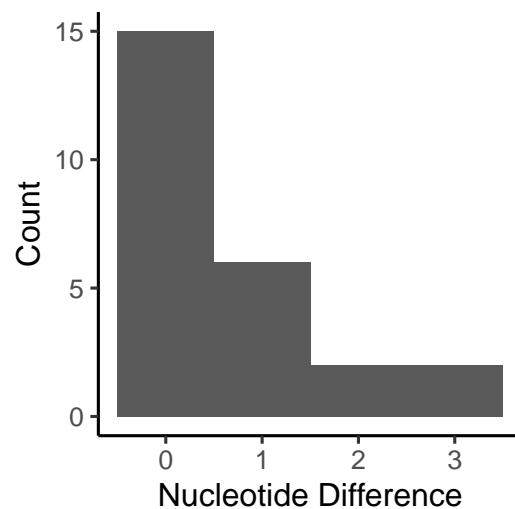
TRBV12-5*01_C28G_T14

43 sequences assigned
35 (81.4%) exact matches, in which:
35 unique CDR3
9 unique J



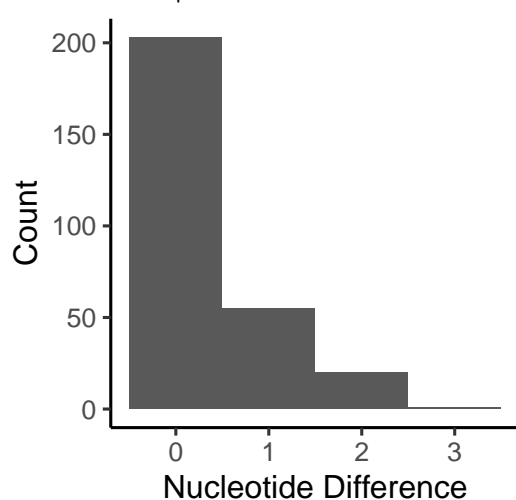
TRBV3-2*01

25 sequences assigned
15 (60%) exact matches, in which:
14 unique CDR3
8 unique J



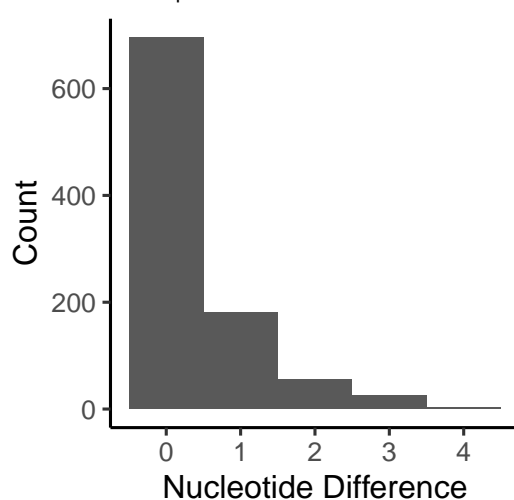
TRBV12-4*01_C87T

279 sequences assigned
203 (72.8%) exact matches, in which:
196 unique CDR3
13 unique J



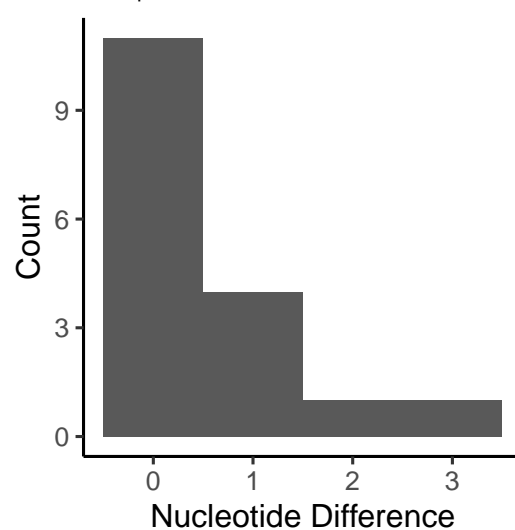
TRBV3-1*01

961 sequences assigned
696 (72.4%) exact matches, in which:
646 unique CDR3
14 unique J



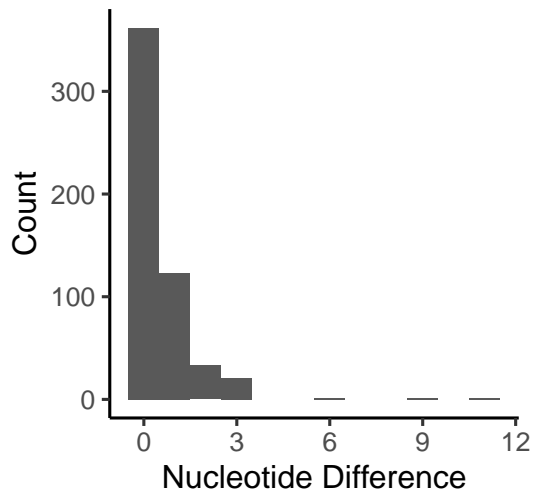
TRBV3-2*02

17 sequences assigned
11 (64.7%) exact matches, in which:
11 unique CDR3
7 unique J



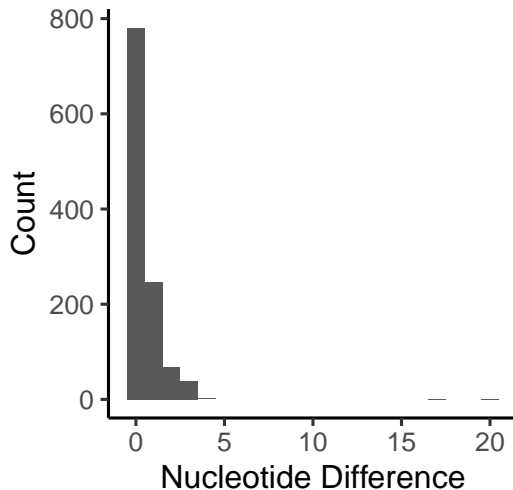
TRBV24–1*01

542 sequences assigned
362 (66.8%) exact matches, in which:
338 unique CDR3
14 unique J



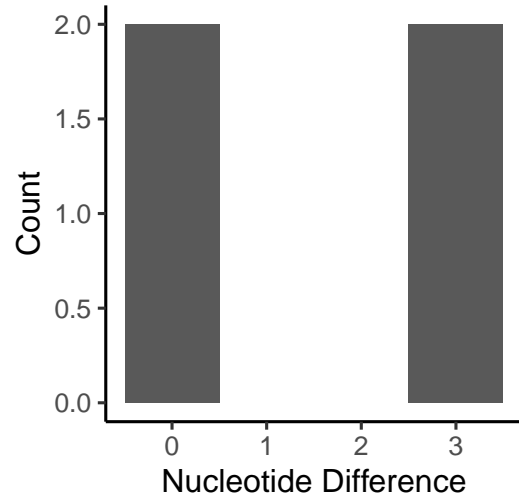
TRBV4–3*01

1138 sequences assigned
781 (68.6%) exact matches, in which:
665 unique CDR3
14 unique J



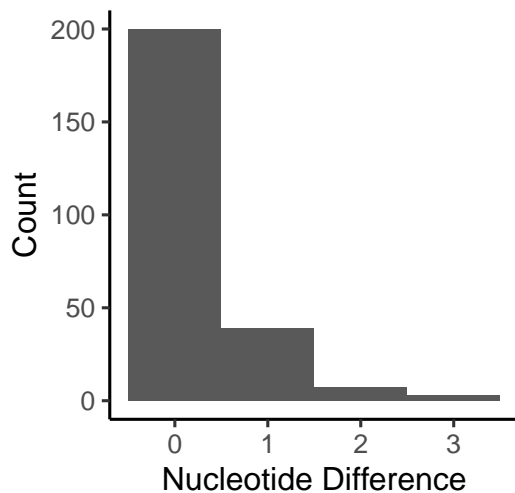
TRBV5–3*01

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



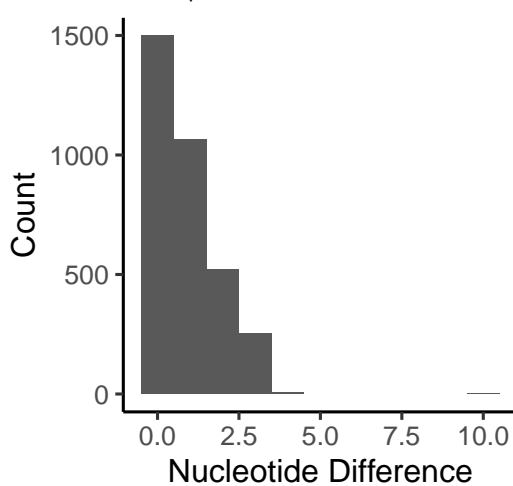
TRBV4–1*01

249 sequences assigned
200 (80.3%) exact matches, in which:
178 unique CDR3
13 unique J



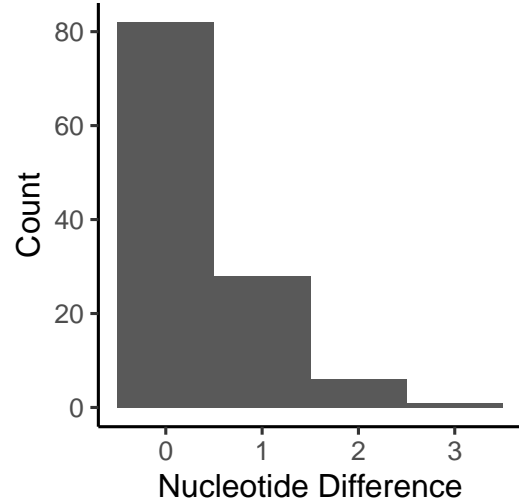
TRBV5–1*01

3358 sequences assigned
1499 (44.6%) exact matches, in which:
988 unique CDR3
14 unique J



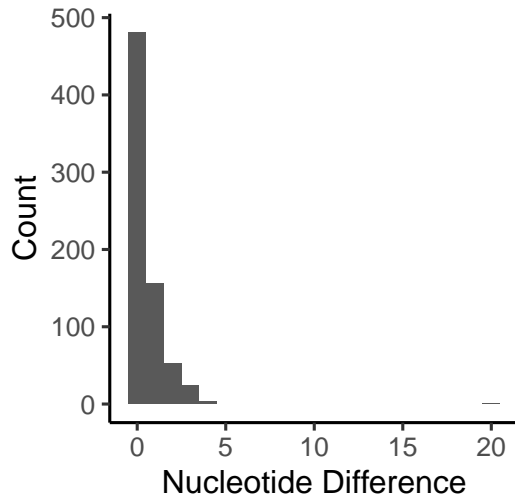
TRBV5–4*01

118 sequences assigned
82 (69.5%) exact matches, in which:
79 unique CDR3
12 unique J



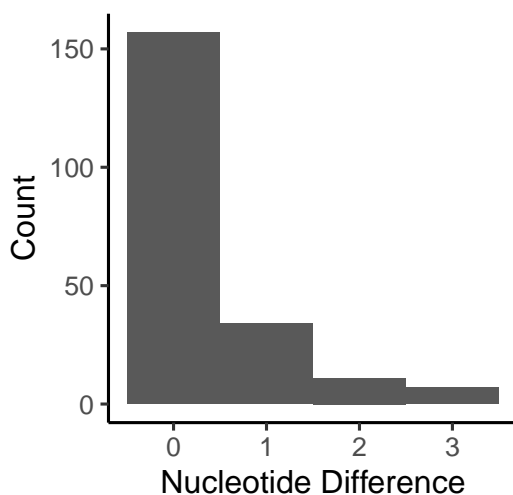
TRBV4–2*01

720 sequences assigned
481 (66.8%) exact matches, in which:
374 unique CDR3
13 unique J



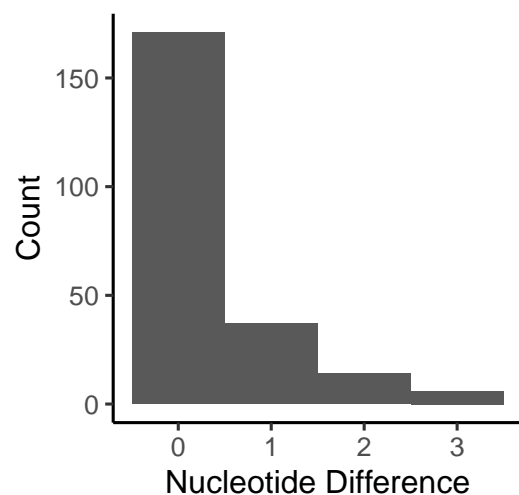
TRBV25–1*01

209 sequences assigned
157 (75.1%) exact matches, in which:
144 unique CDR3
14 unique J



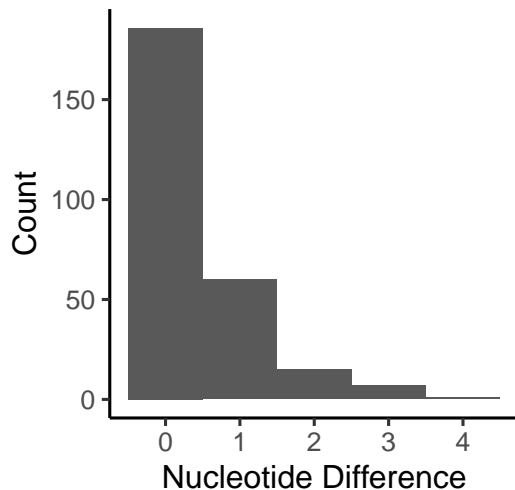
TRBV5–5*01

228 sequences assigned
171 (75%) exact matches, in which:
163 unique CDR3
14 unique J



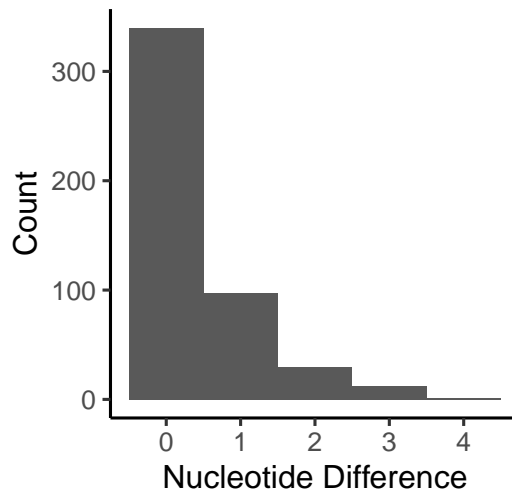
TRBV5-6*01

269 sequences assigned
186 (69.1%) exact matches, in which:
169 unique CDR3
14 unique J



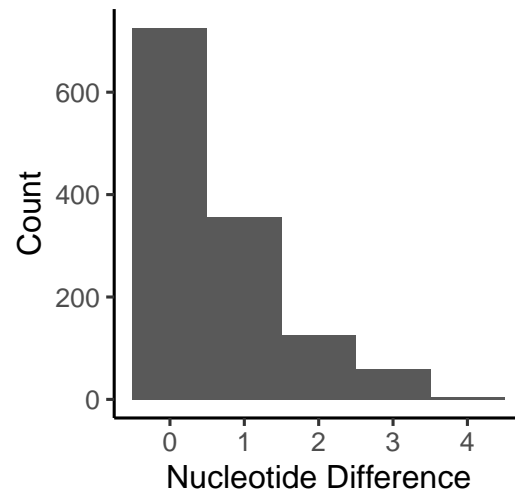
TRBV6-1*01

485 sequences assigned
340 (70.1%) exact matches, in which:
296 unique CDR3
14 unique J



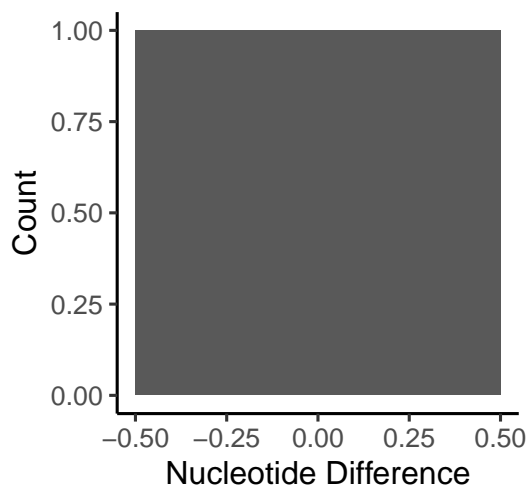
TRBV6-6*02

1273 sequences assigned
726 (57%) exact matches, in which:
424 unique CDR3
14 unique J



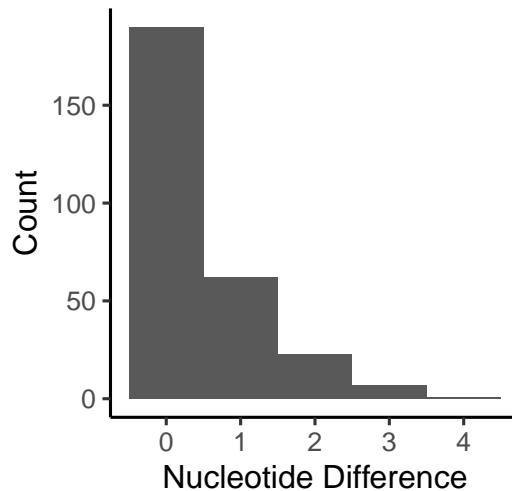
TRBV5-7*01

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



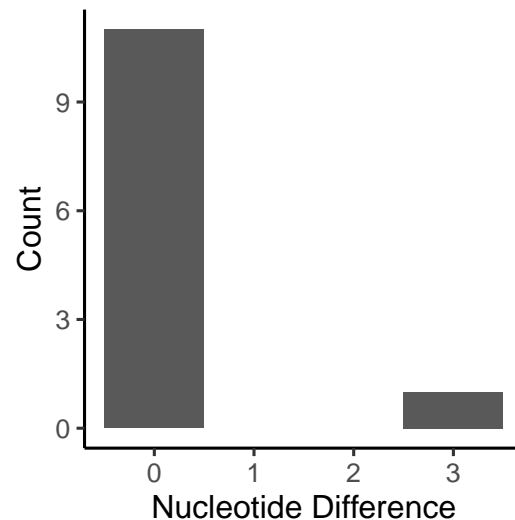
TRBV6-4*01

283 sequences assigned
190 (67.1%) exact matches, in which:
146 unique CDR3
14 unique J



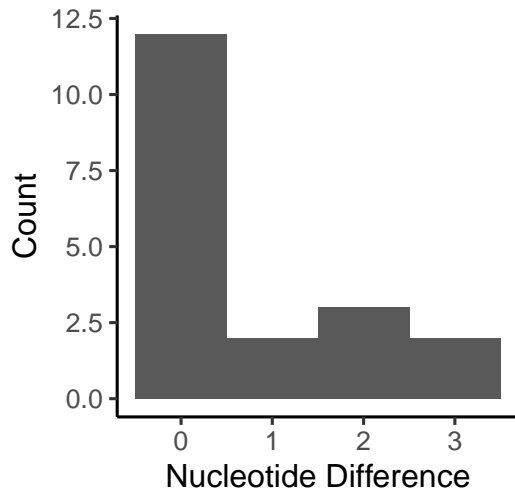
TRBV6-7*01

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



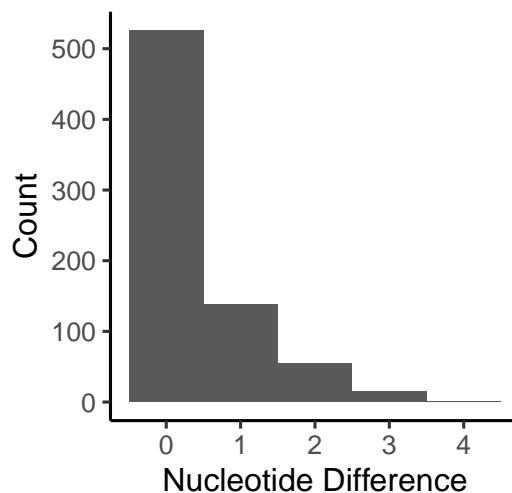
TRBV5-8*01

19 sequences assigned
12 (63.2%) exact matches, in which:
12 unique CDR3
7 unique J



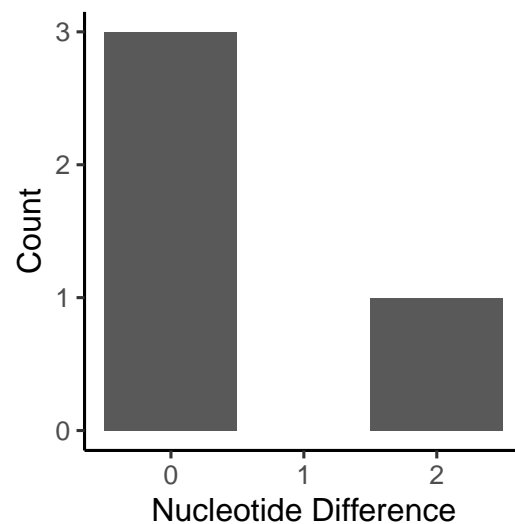
TRBV6-5*01

734 sequences assigned
526 (71.7%) exact matches, in which:
498 unique CDR3
14 unique J



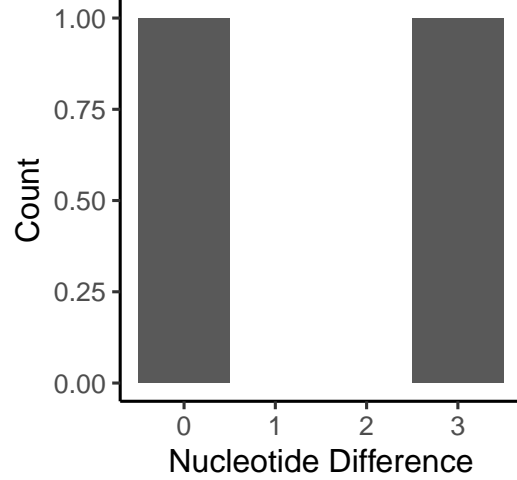
TRBV6-8*01

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



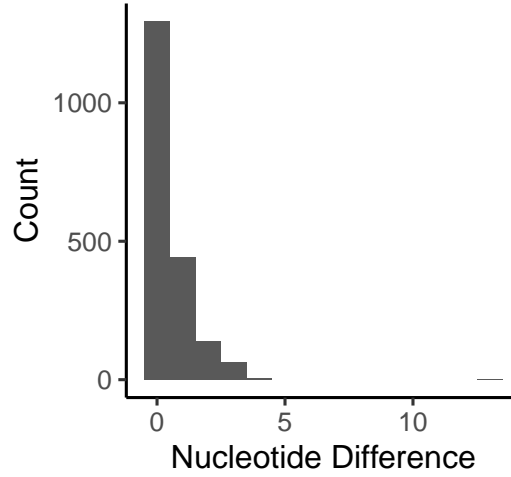
TRBV6-9*01

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



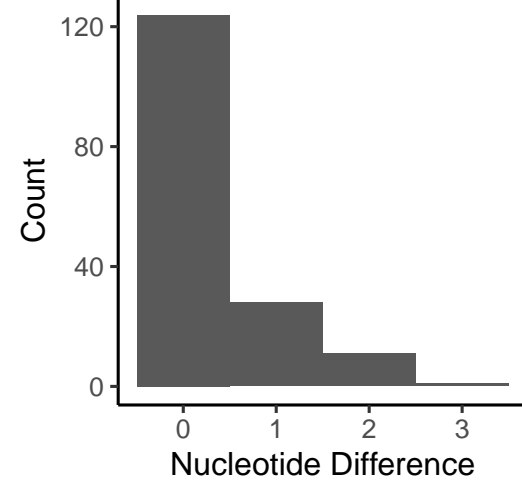
TRBV7-2*01

1947 sequences assigned
1294 (66.5%) exact matches, in which:
1189 unique CDR3
14 unique J



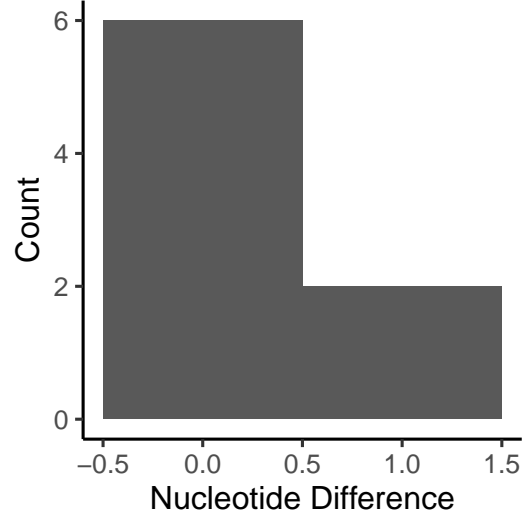
TRBV7-6*01

164 sequences assigned
124 (75.6%) exact matches, in which:
112 unique CDR3
13 unique J



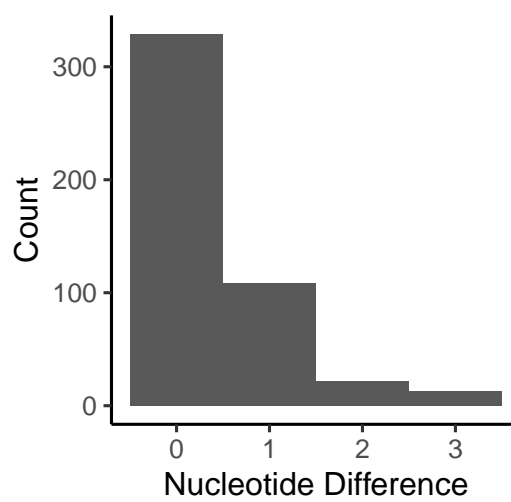
TRBV6-9*01_A303G

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



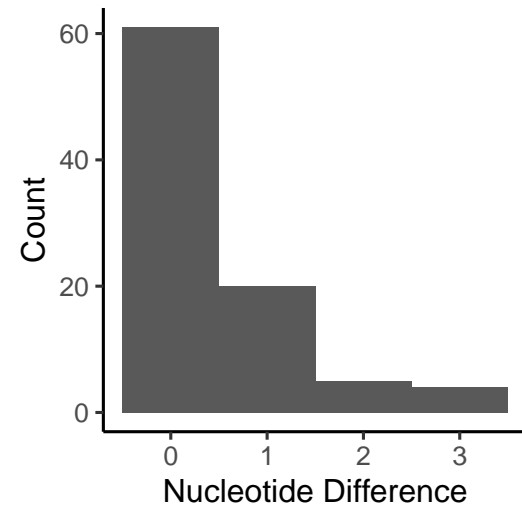
TRBV7-3*01

472 sequences assigned
329 (69.7%) exact matches, in which:
311 unique CDR3
14 unique J



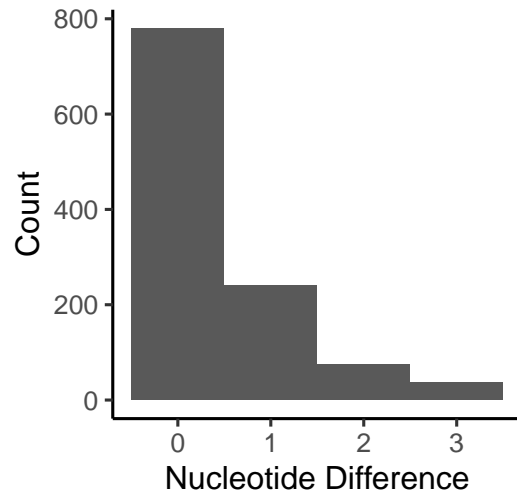
TRBV7-7*01

90 sequences assigned
61 (67.8%) exact matches, in which:
54 unique CDR3
9 unique J



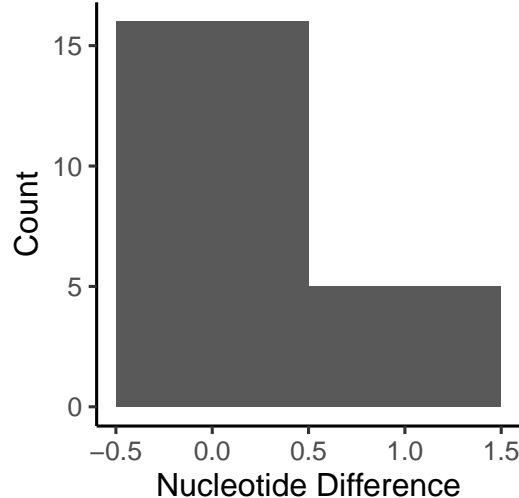
TRBV6-23*01

1134 sequences assigned
780 (68.8%) exact matches, in which:
710 unique CDR3
14 unique J



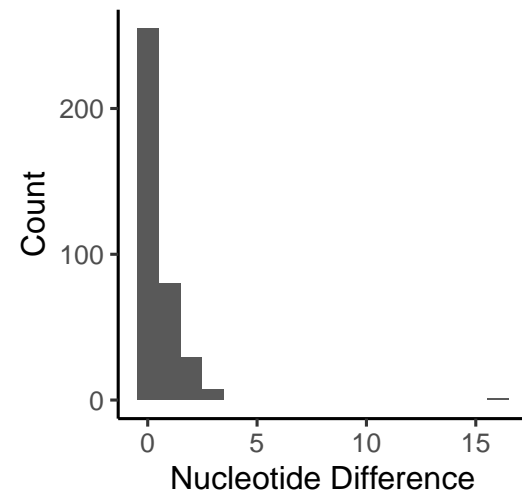
TRBV7-4*01

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



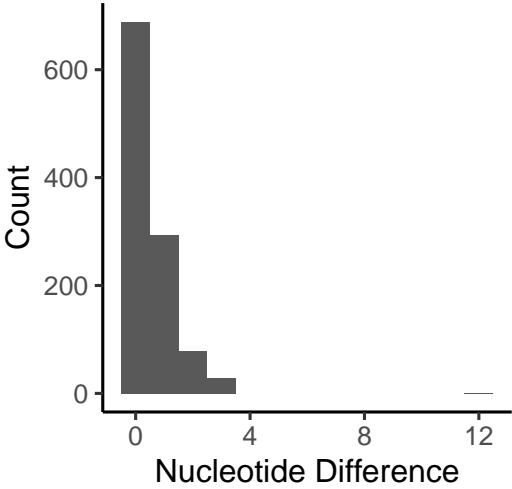
TRBV7-8*01

372 sequences assigned
255 (68.5%) exact matches, in which:
216 unique CDR3
14 unique J



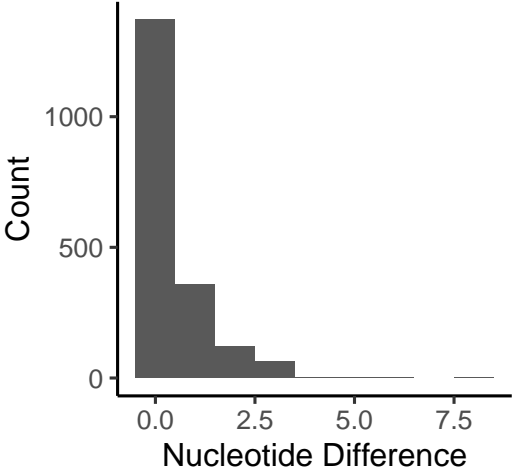
TRBV7-9*01

1092 sequences assigned
689 (63.1%) exact matches, in which:
564 unique CDR3
14 unique J

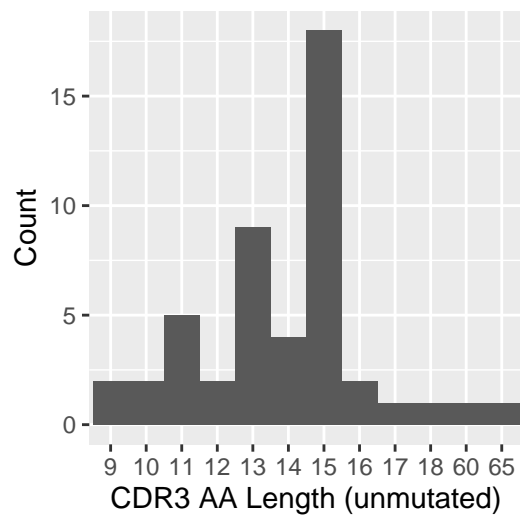


TRBV29-1*01

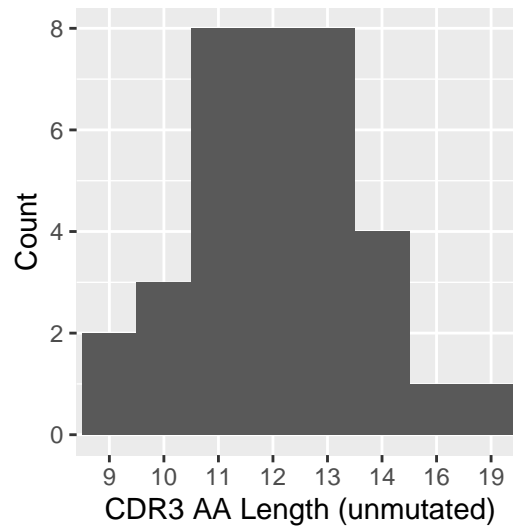
1920 sequences assigned
1371 (71.4%) exact matches, in which:
1221 unique CDR3
14 unique J



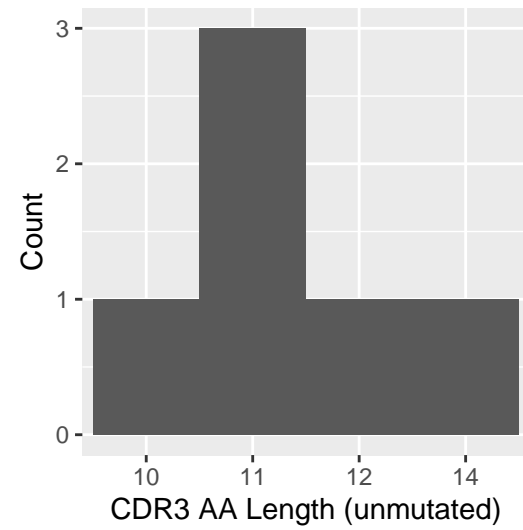
TRBV10-1*02_G274T



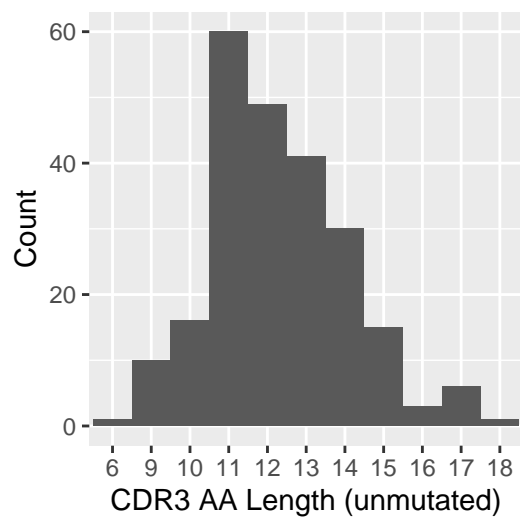
TRBV12-5*01_C28G_T140A



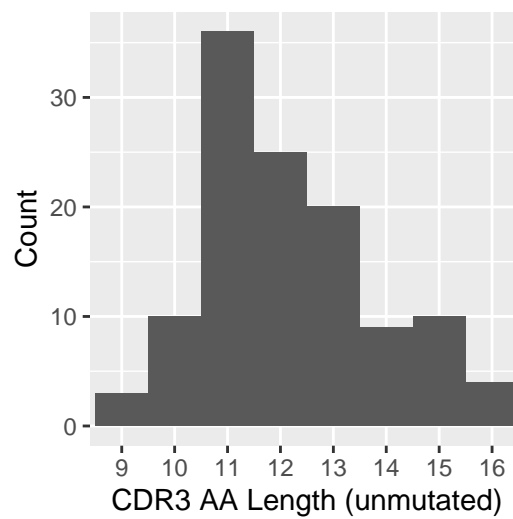
TRBV6-9*01_A303G



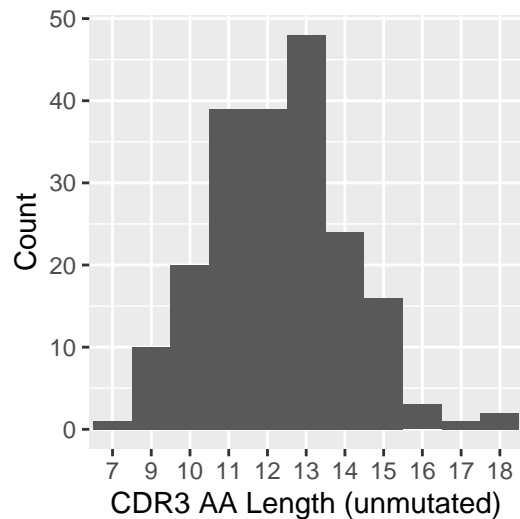
TRBV10-3*03_313GCCATC,



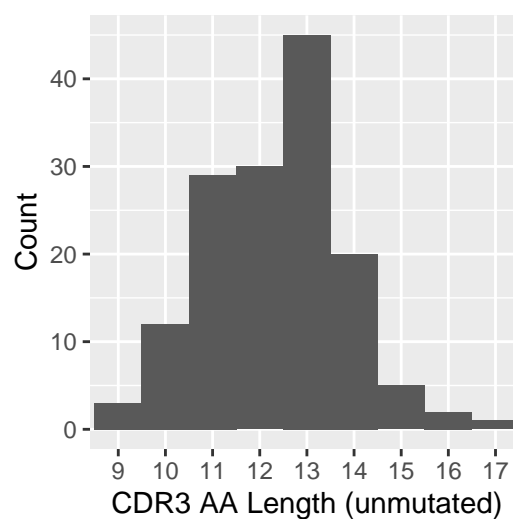
TRBV14*02_322CAAGA326

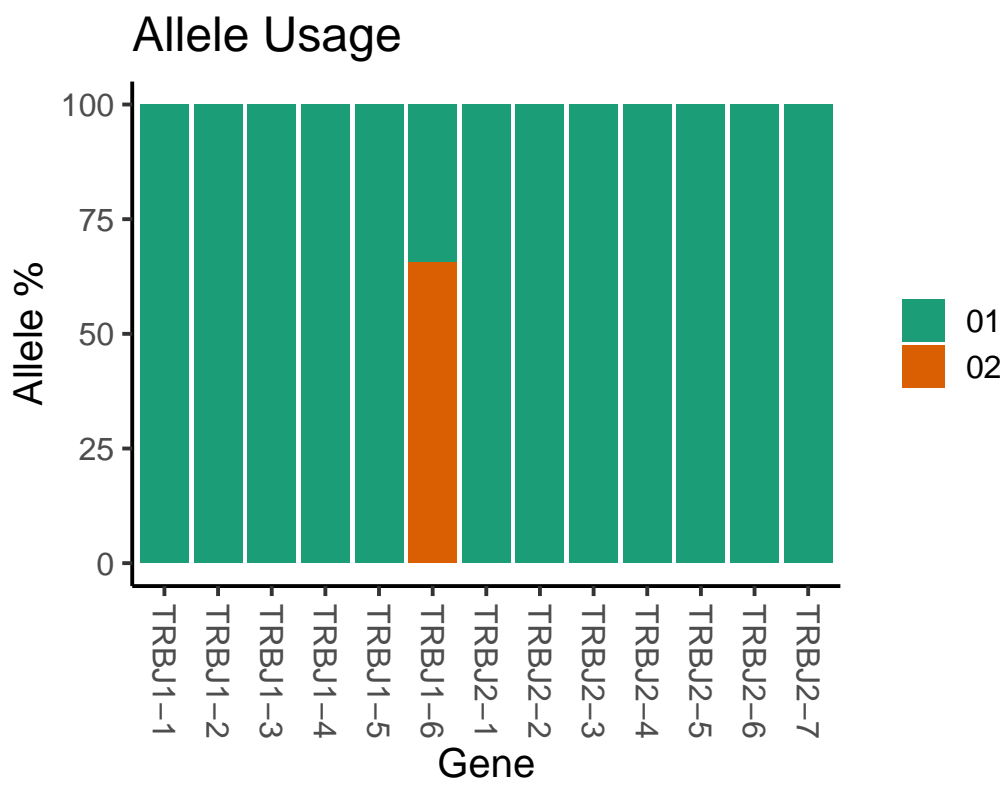


TRBV12-4*01_C87T



TRBV19*01_A24G





Sequence Count by TRBJ1–6 allele usage

