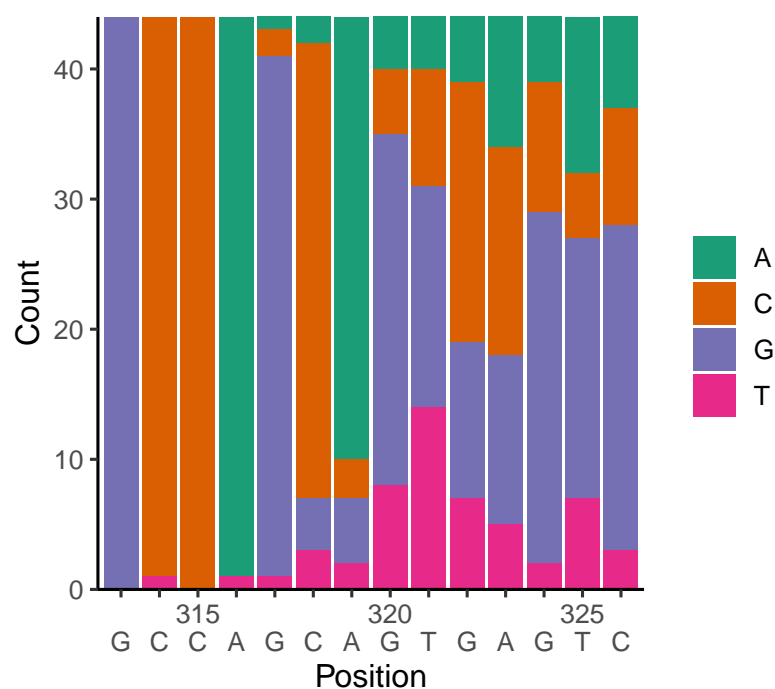
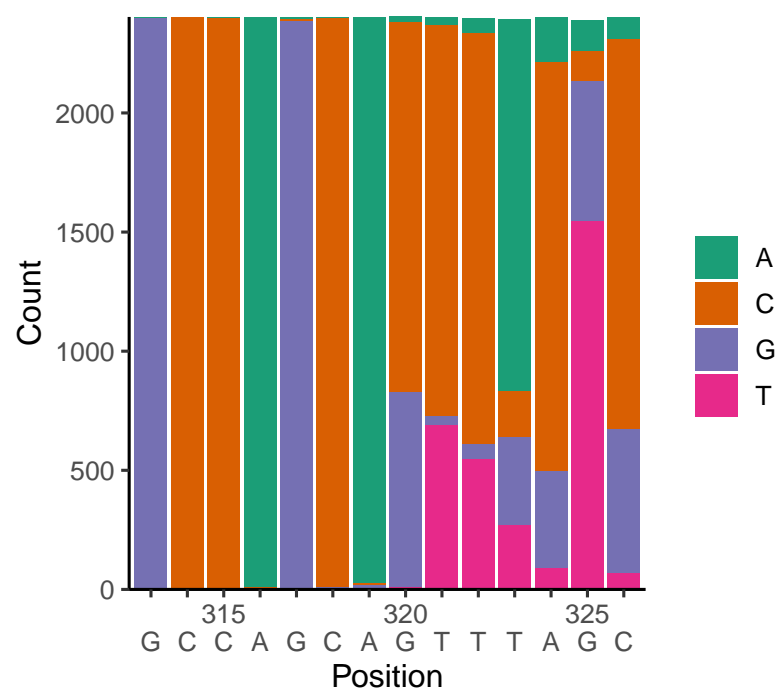


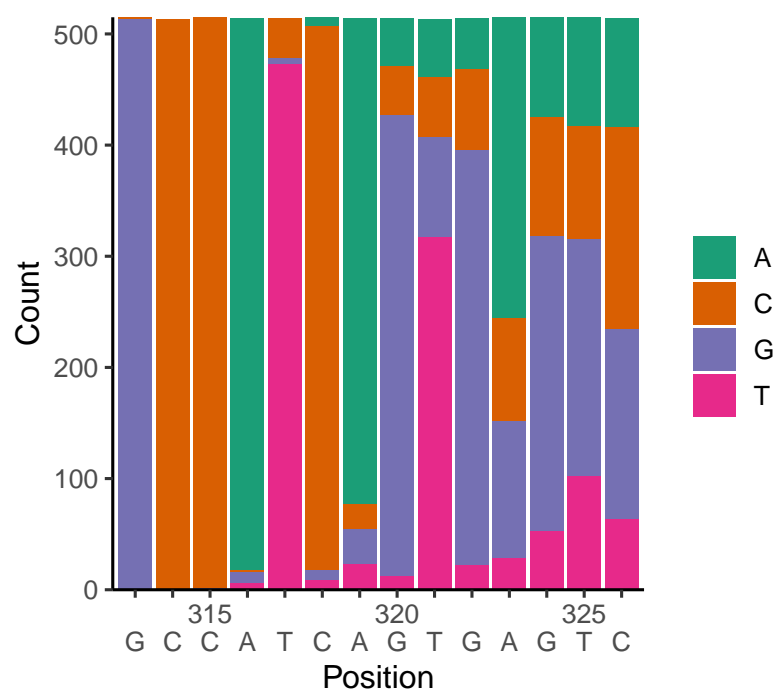
Gene TRBV10-1*02_G274T



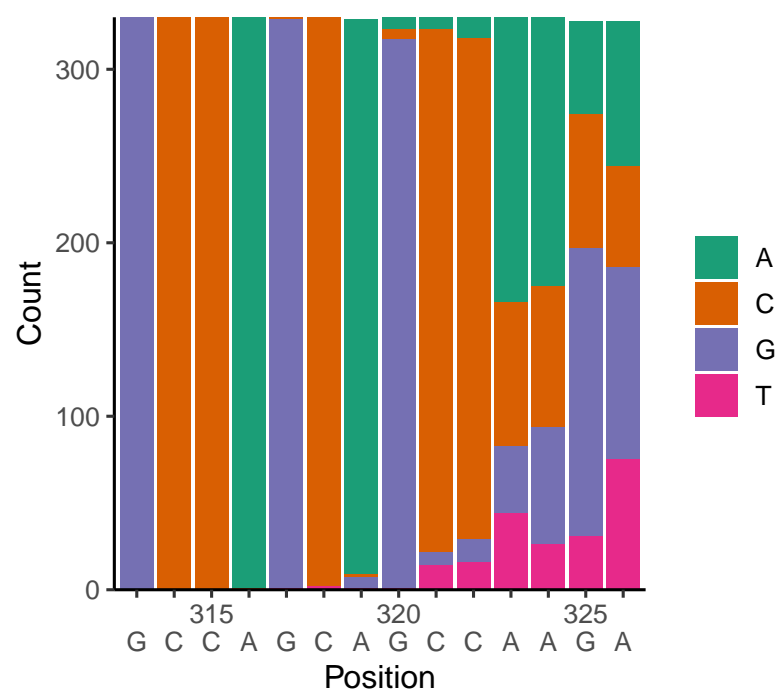
Gene TRBV12-4*01_C87T



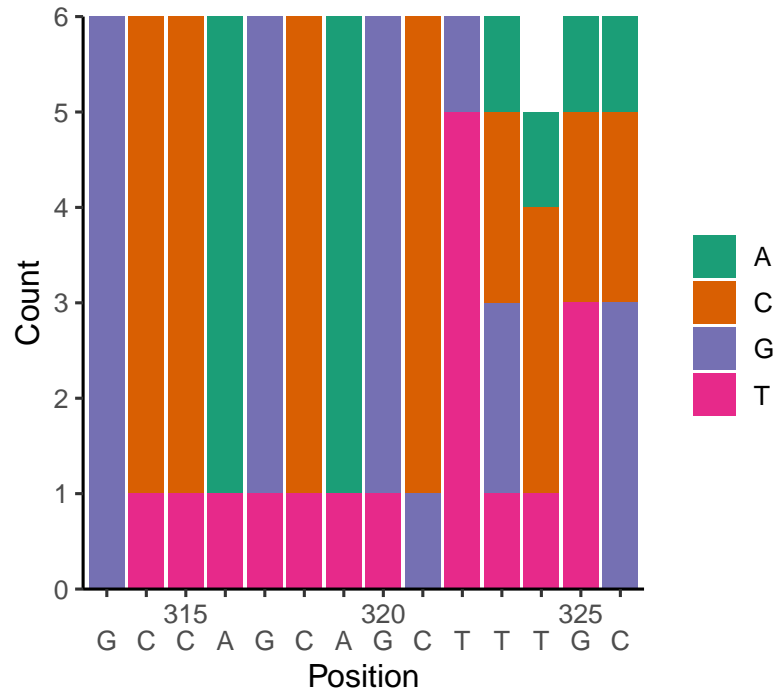
Gene TRBV10-3*03_313GCCATCAGTG/



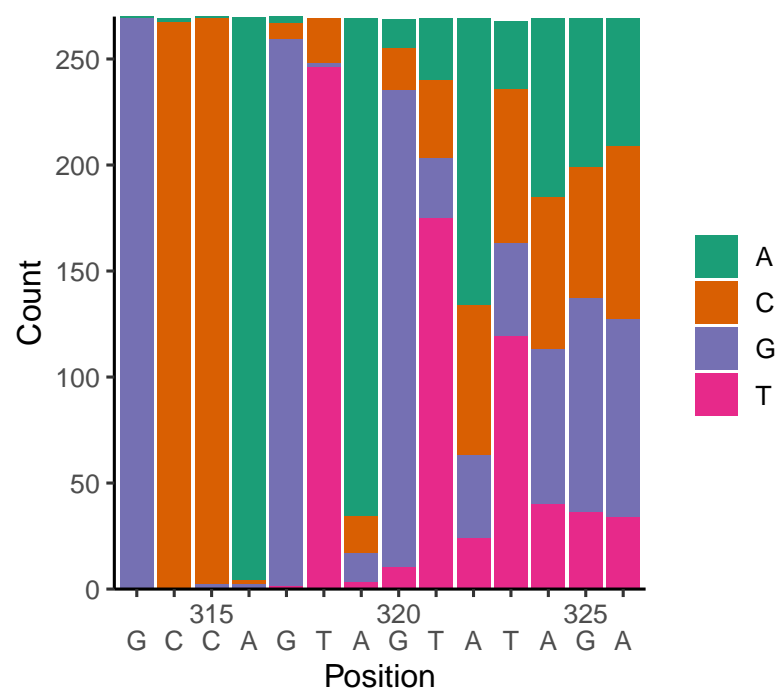
Gene TRBV14*02_322CAAGA326



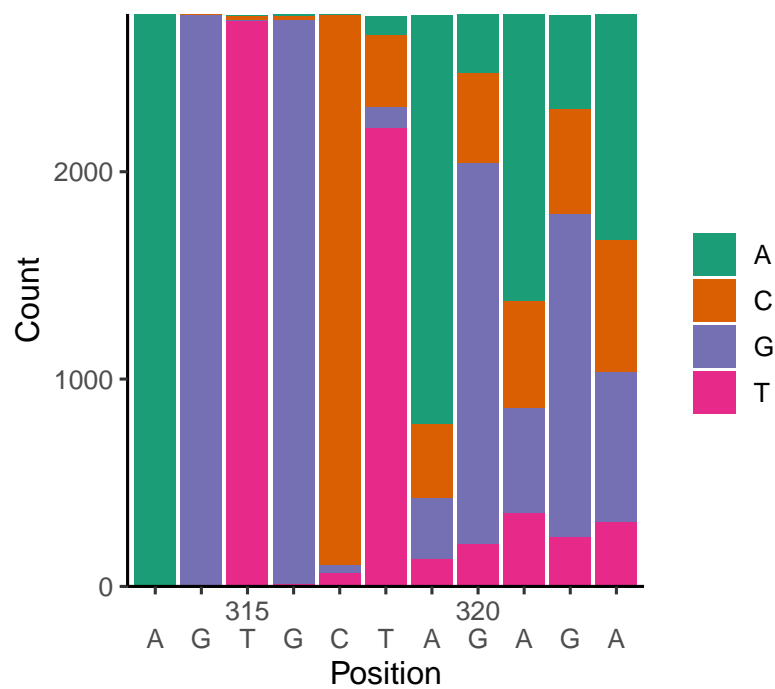
Gene TRBV12-1*01_C165A



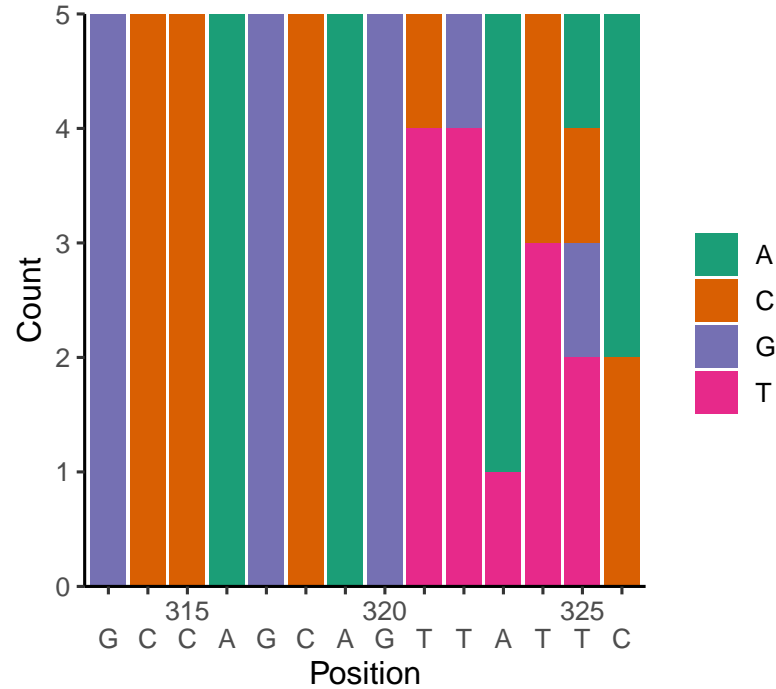
Gene TRBV19*01_A24G



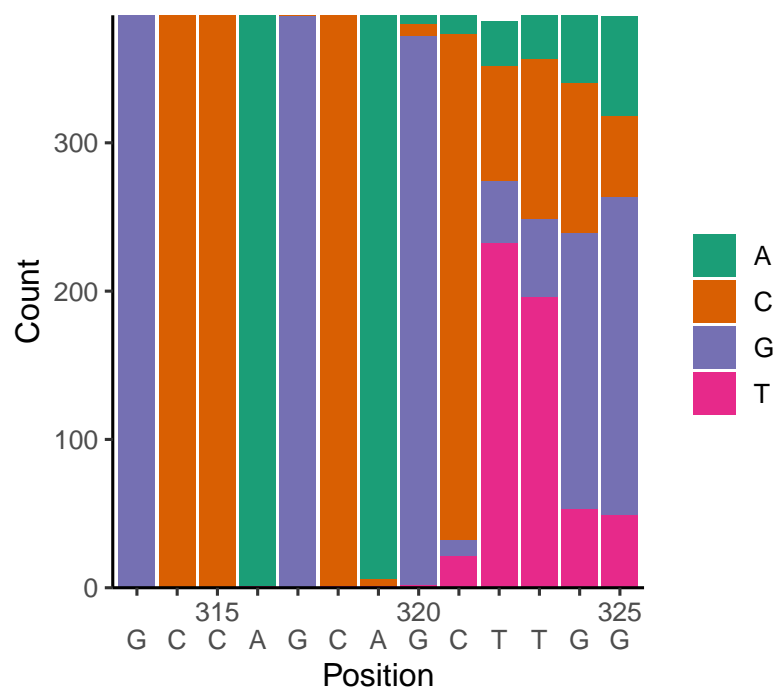
Gene TRBV20-1*02_319AGAGA323



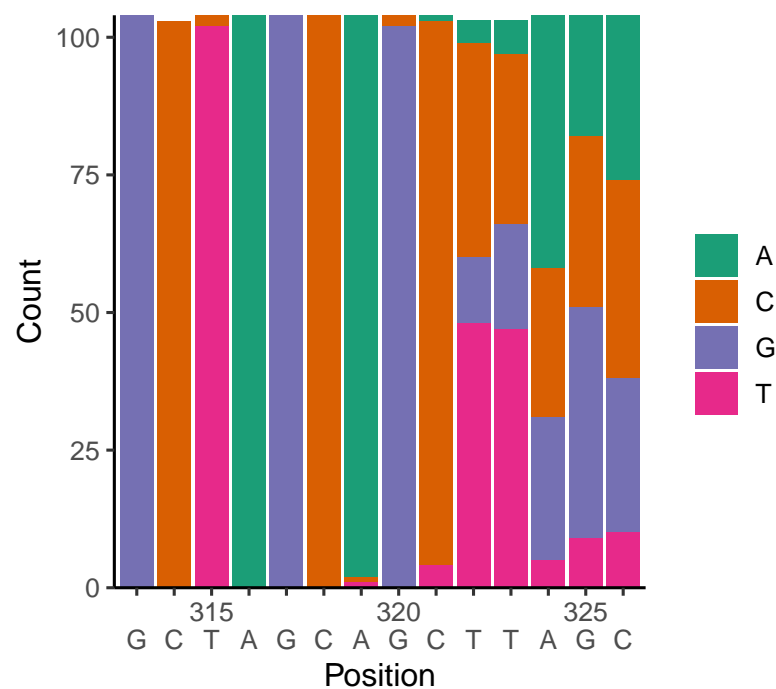
Gene TRBV6-9*01_A303G



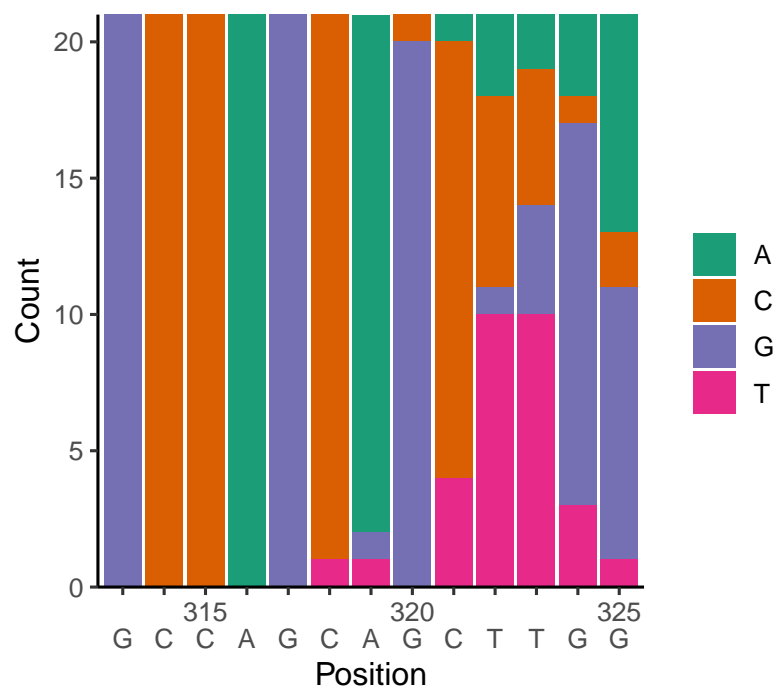
Gene TRBV5-5*02_322TTGG325



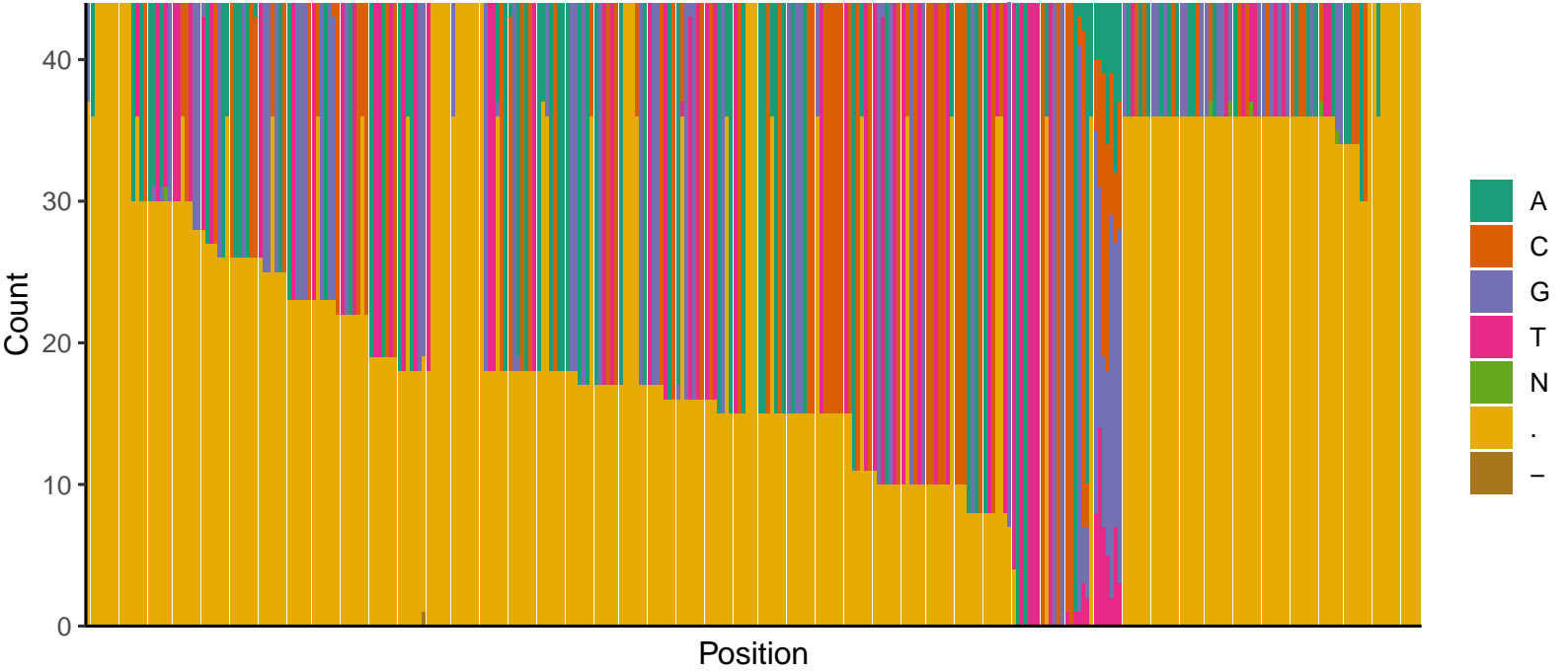
Gene TRBV7-7*01_C315T



Gene TRBV5-8*01_C56T_C276T



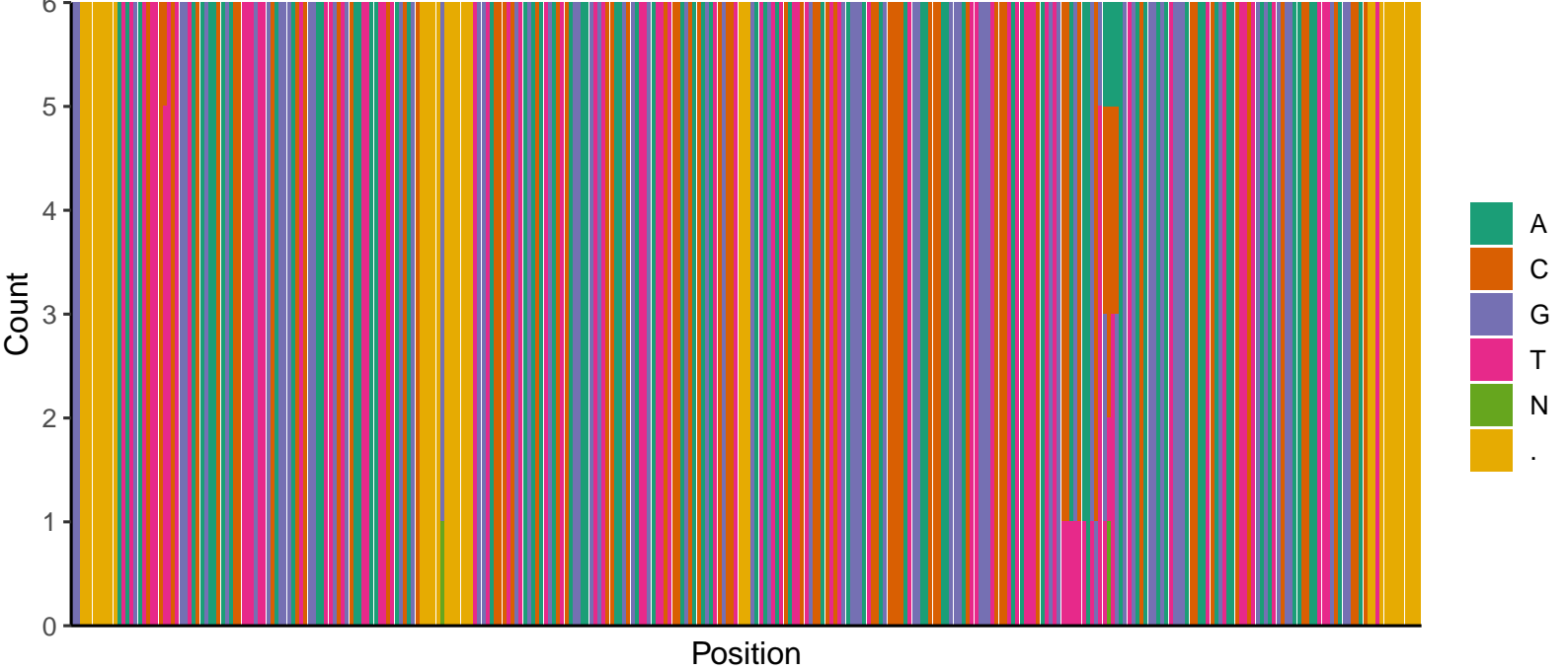
Gene TRBV10-1*02_G274T



Gene TRBV10-3*03_313GCCATCAGTGAGTC326



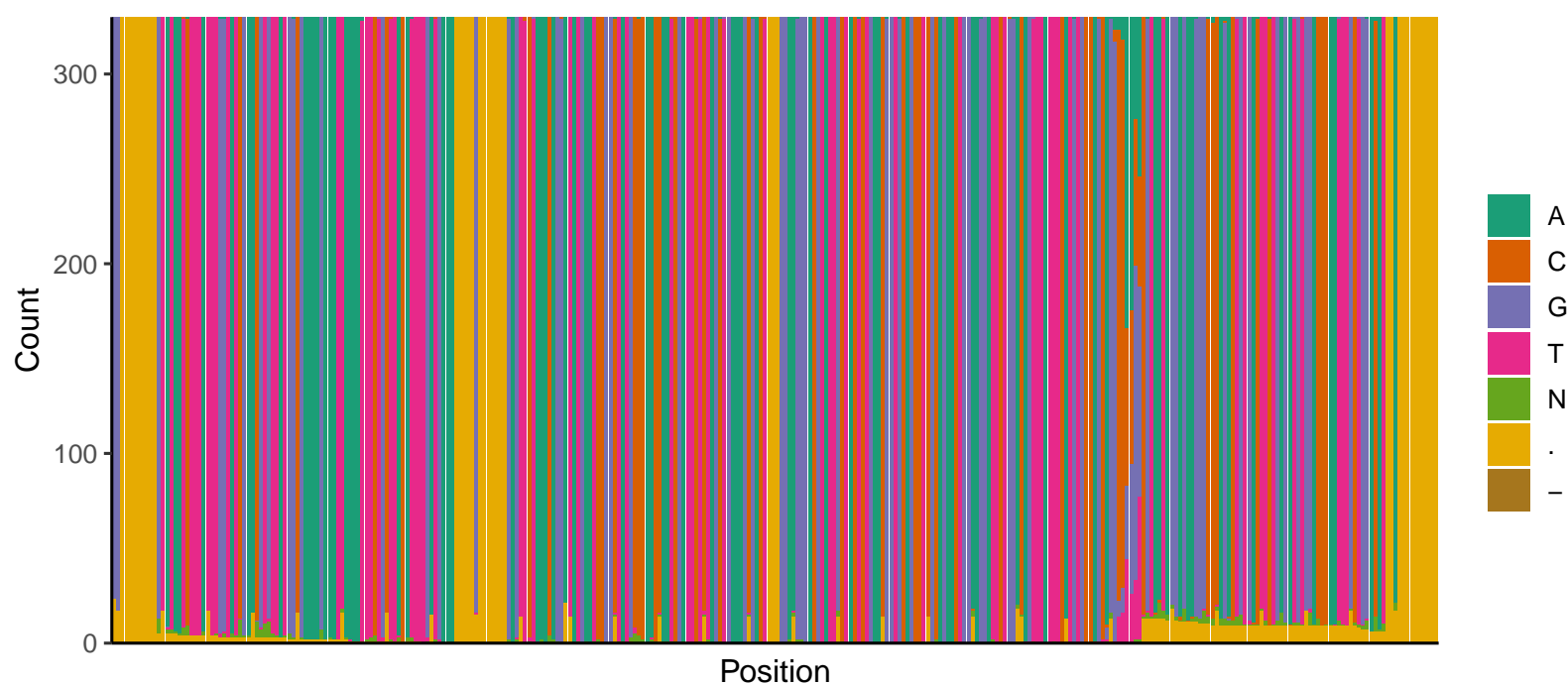
Gene TRBV12-1*01_C165A



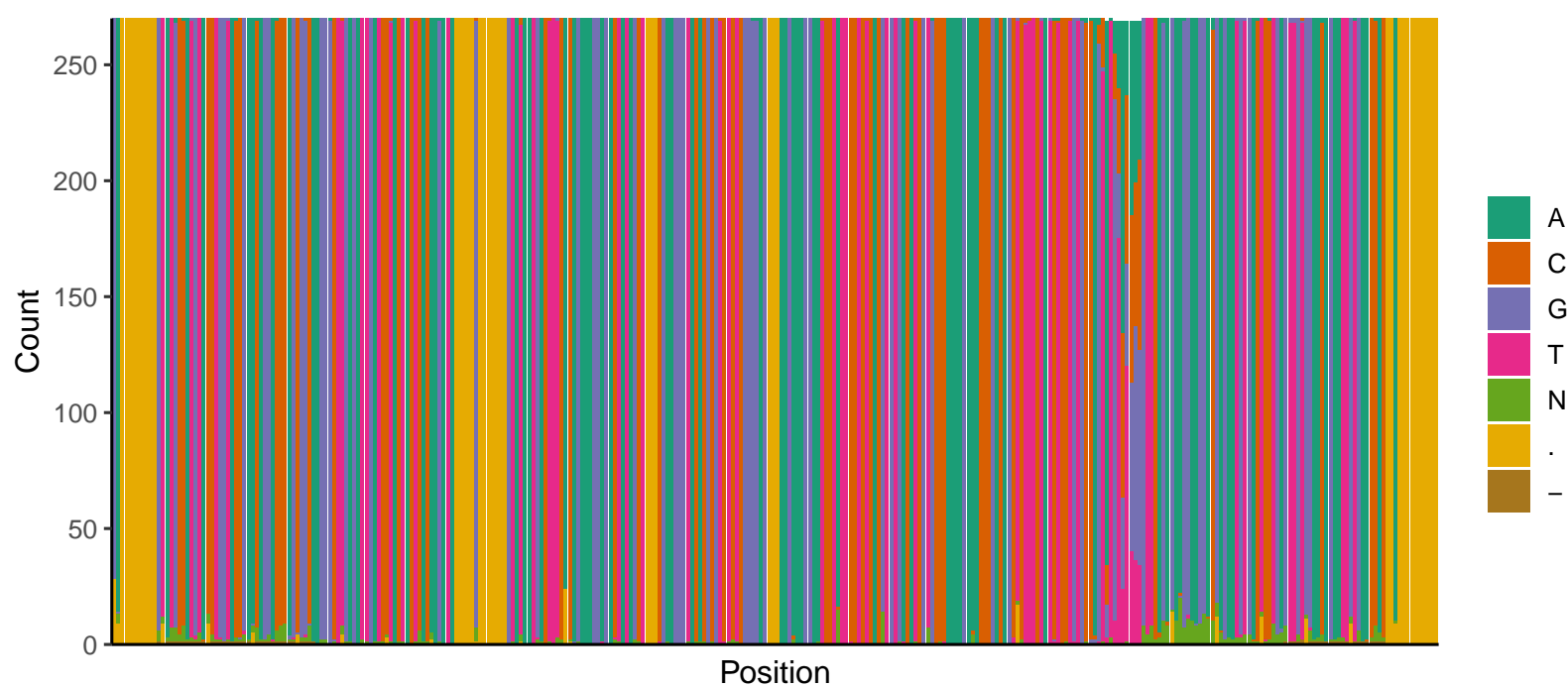
Gene TRBV12-4*01_C87T



Gene TRBV14*02_322CAAGA326



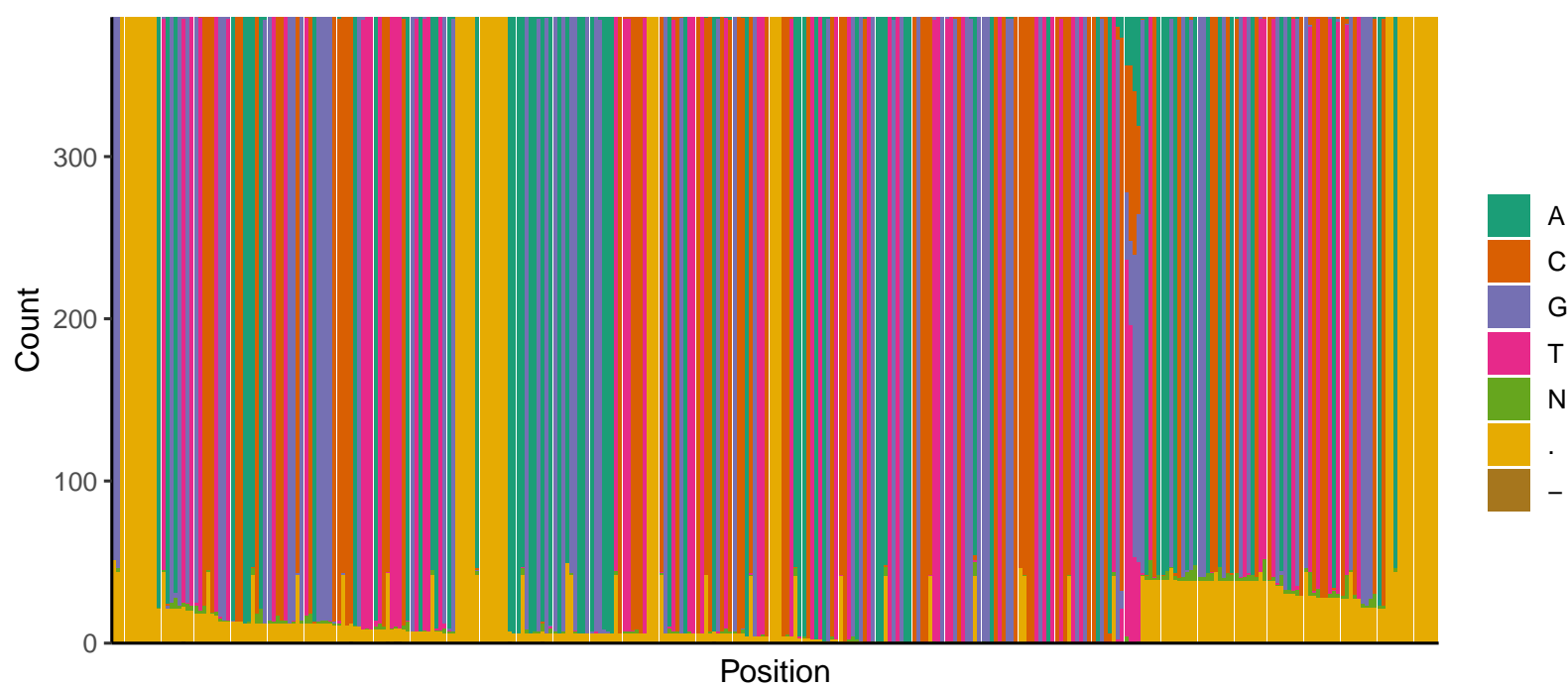
Gene TRBV19*01_A24G



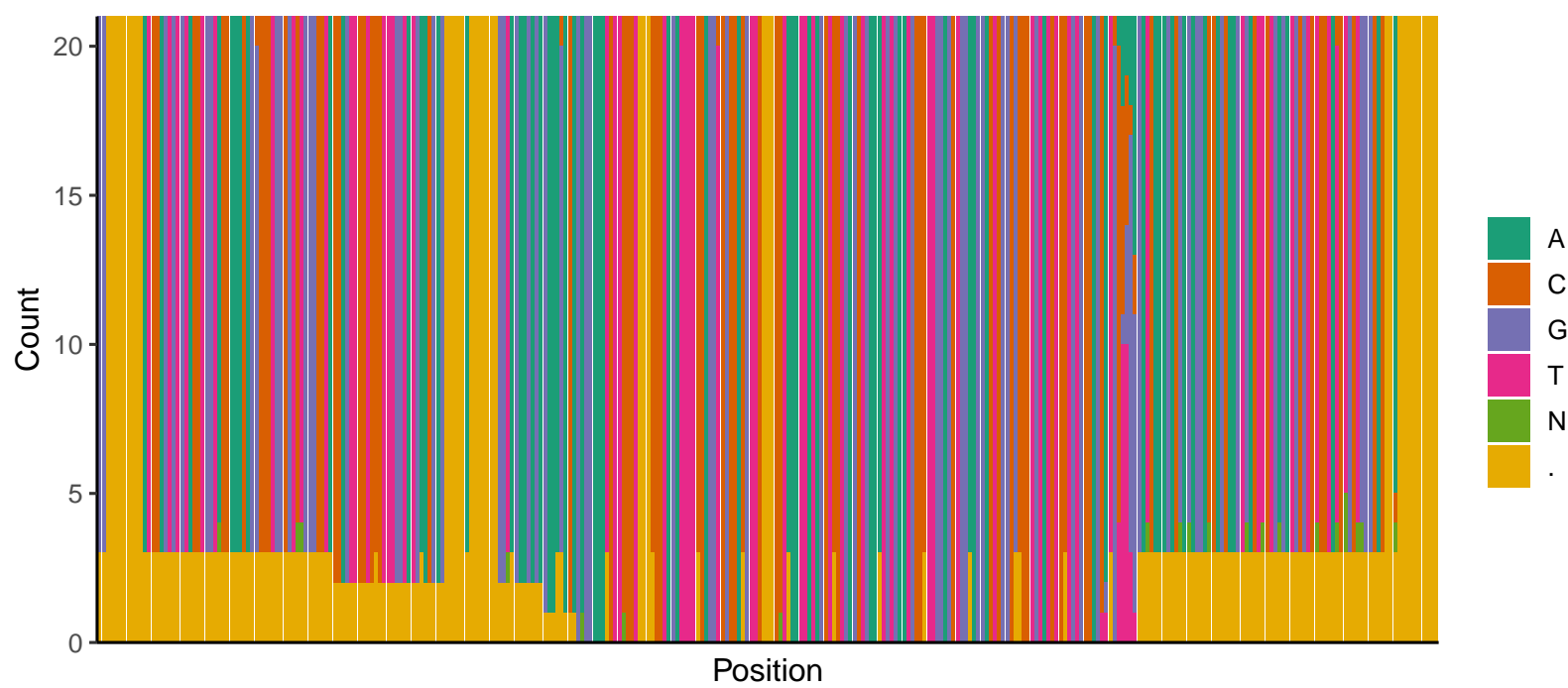
Gene TRBV20-1*02_319AGAGA323



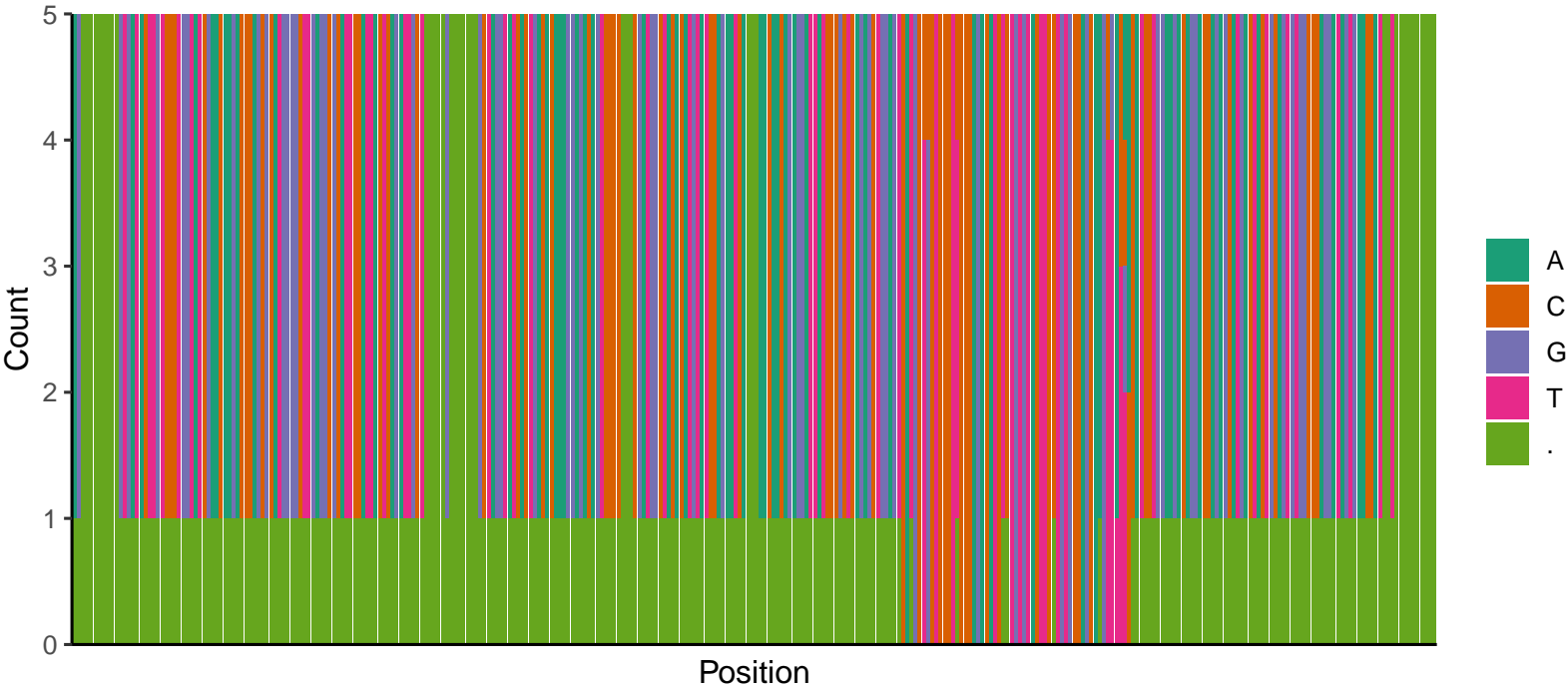
Gene TRBV5-5*02_322TTGG325



Gene TRBV5-8*01_C56T_C276T



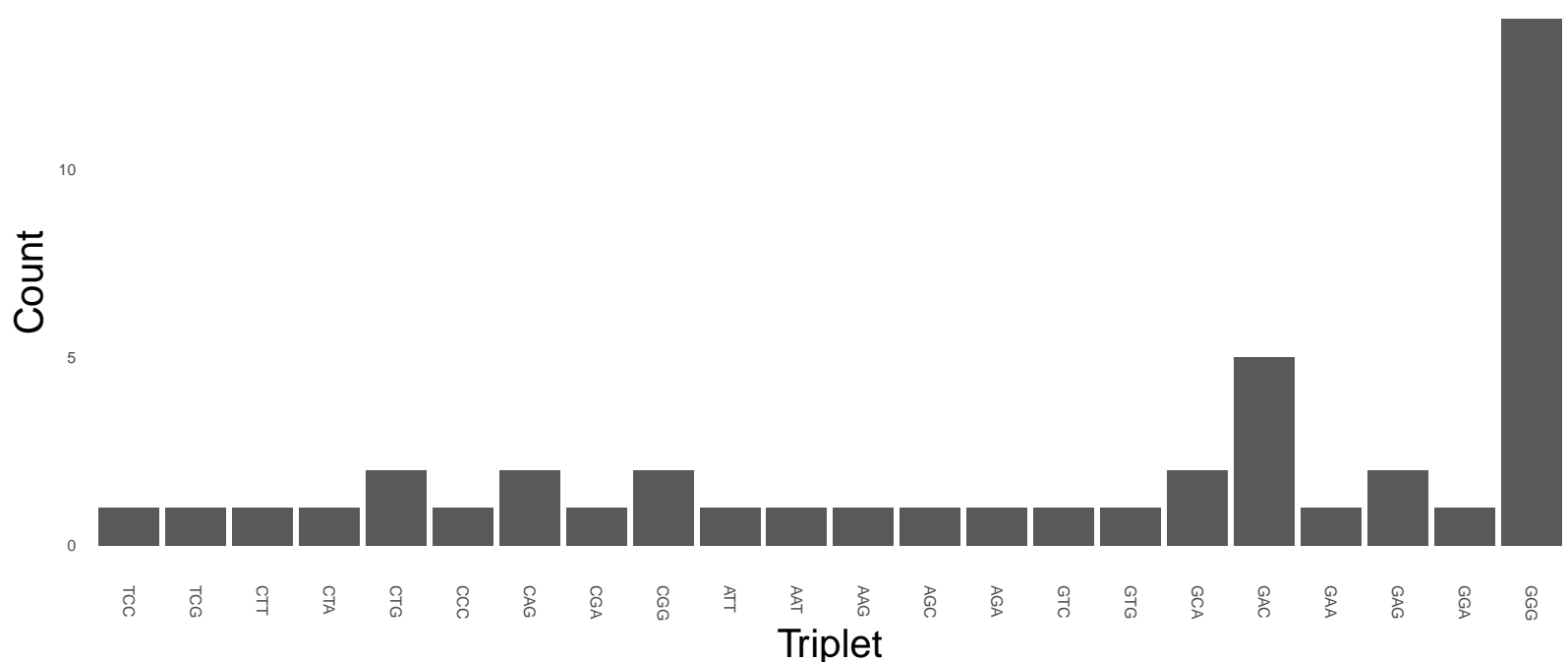
Gene TRBV6-9*01_A303G



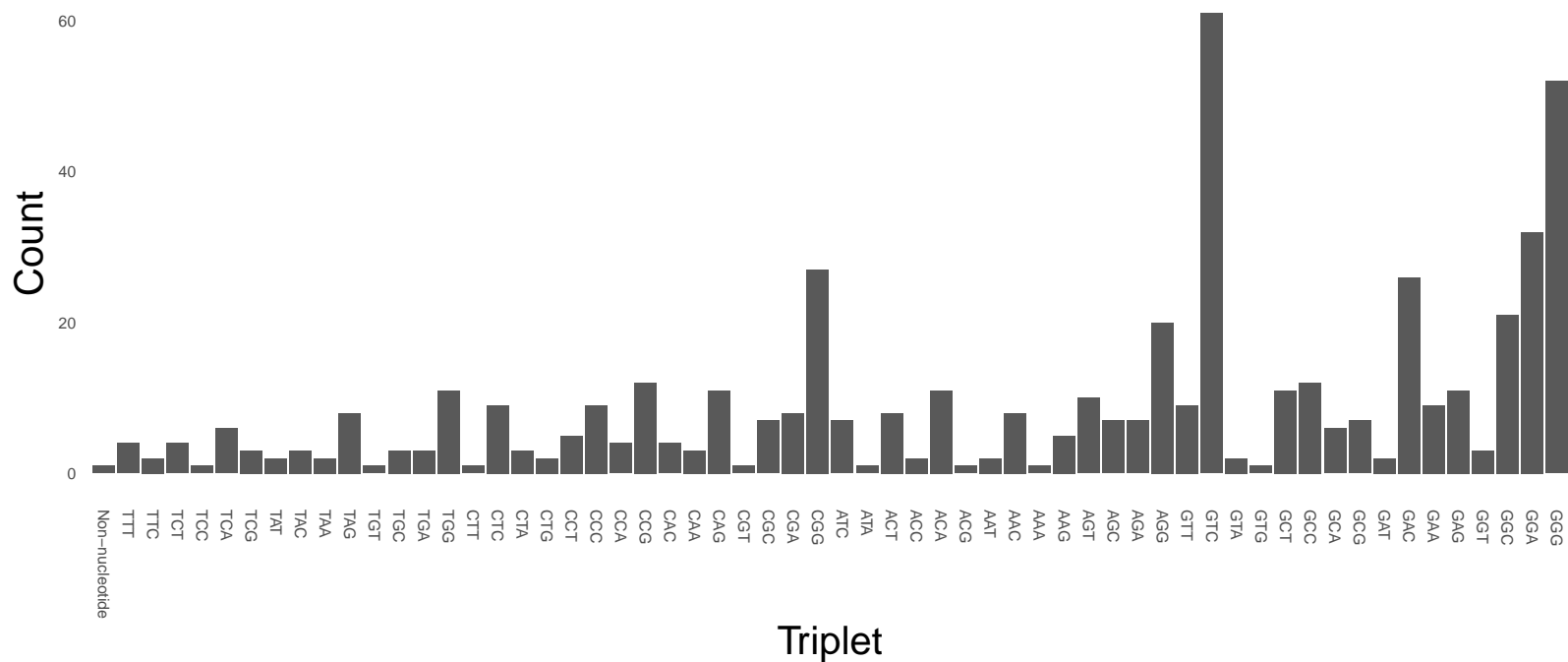
Gene TRBV7-7*01_C315T



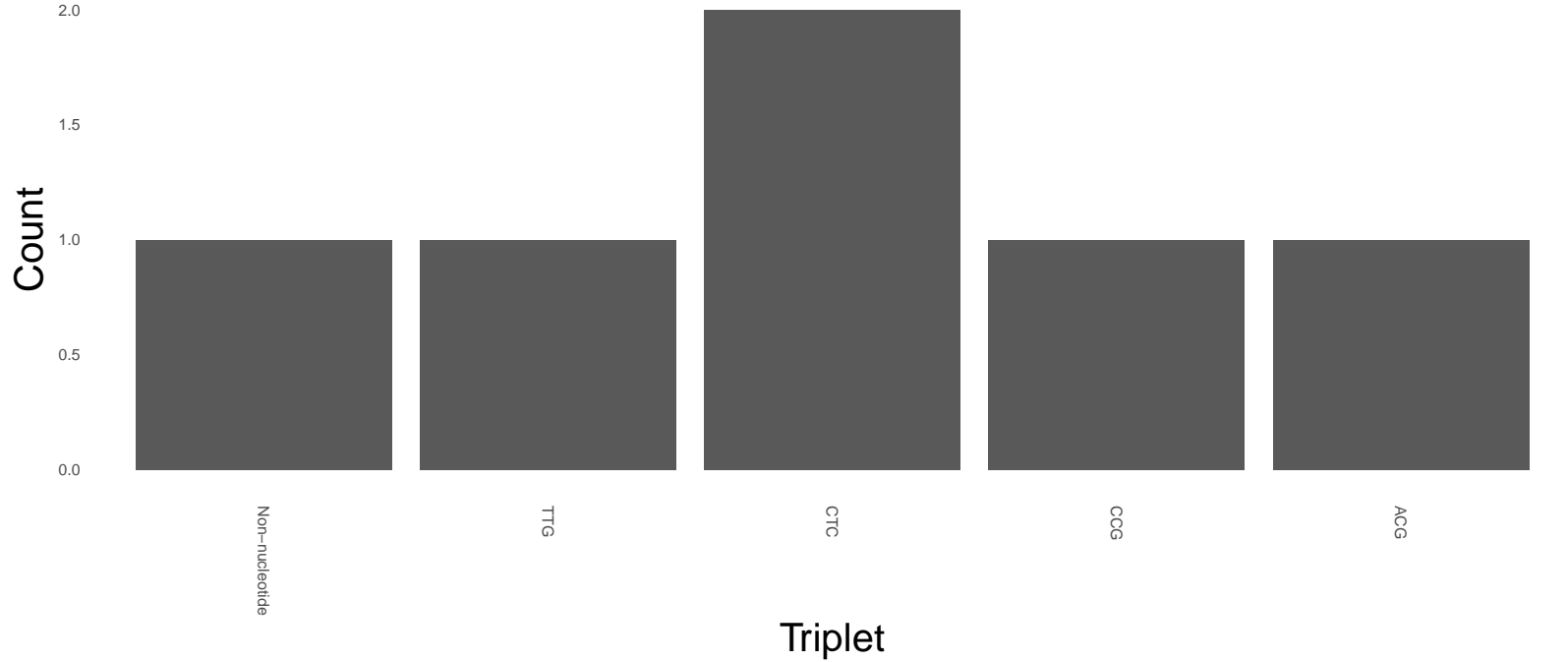
TRBV10-1*02_G274T- Final 3 nucleotides as a triplet



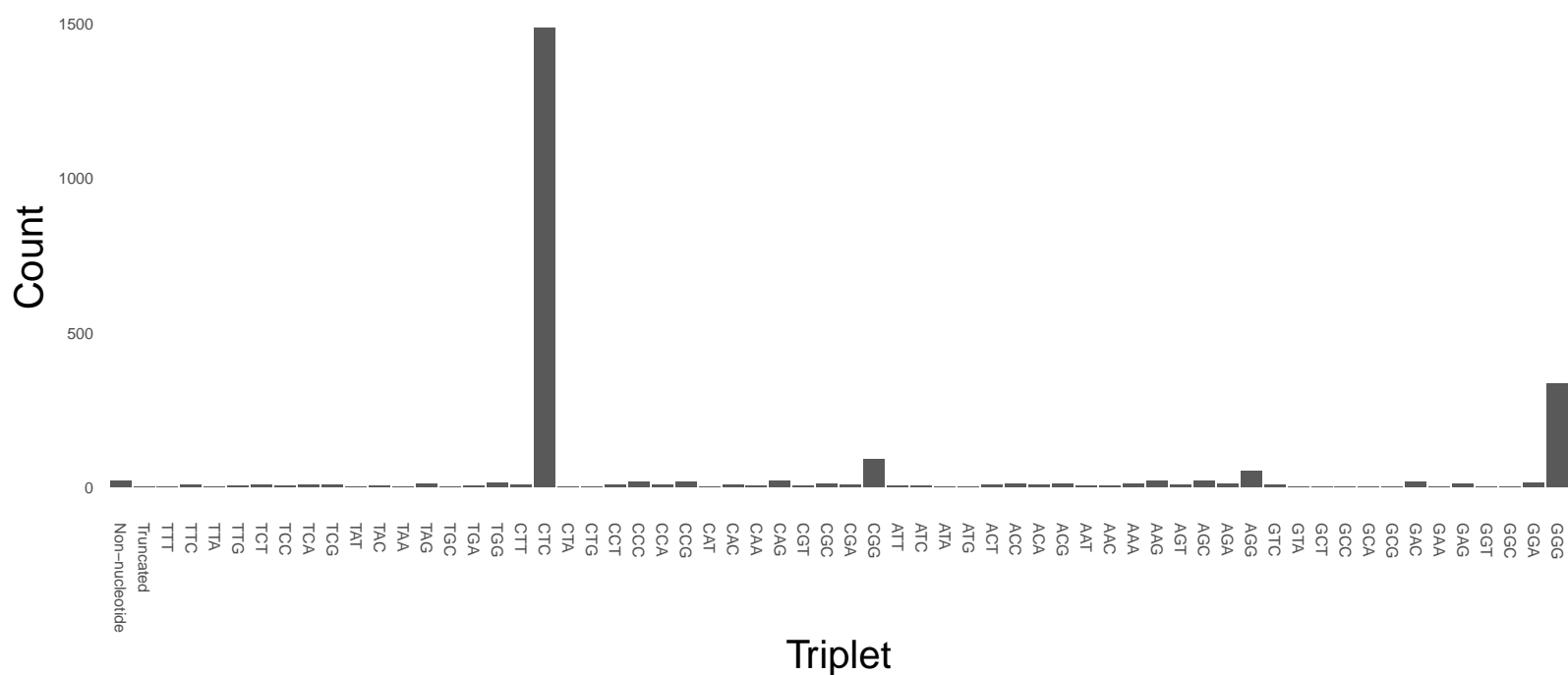
TRBV10-3*03_313GCCATCAGTGAGTC326- Final 3 nucleotides as a triplet



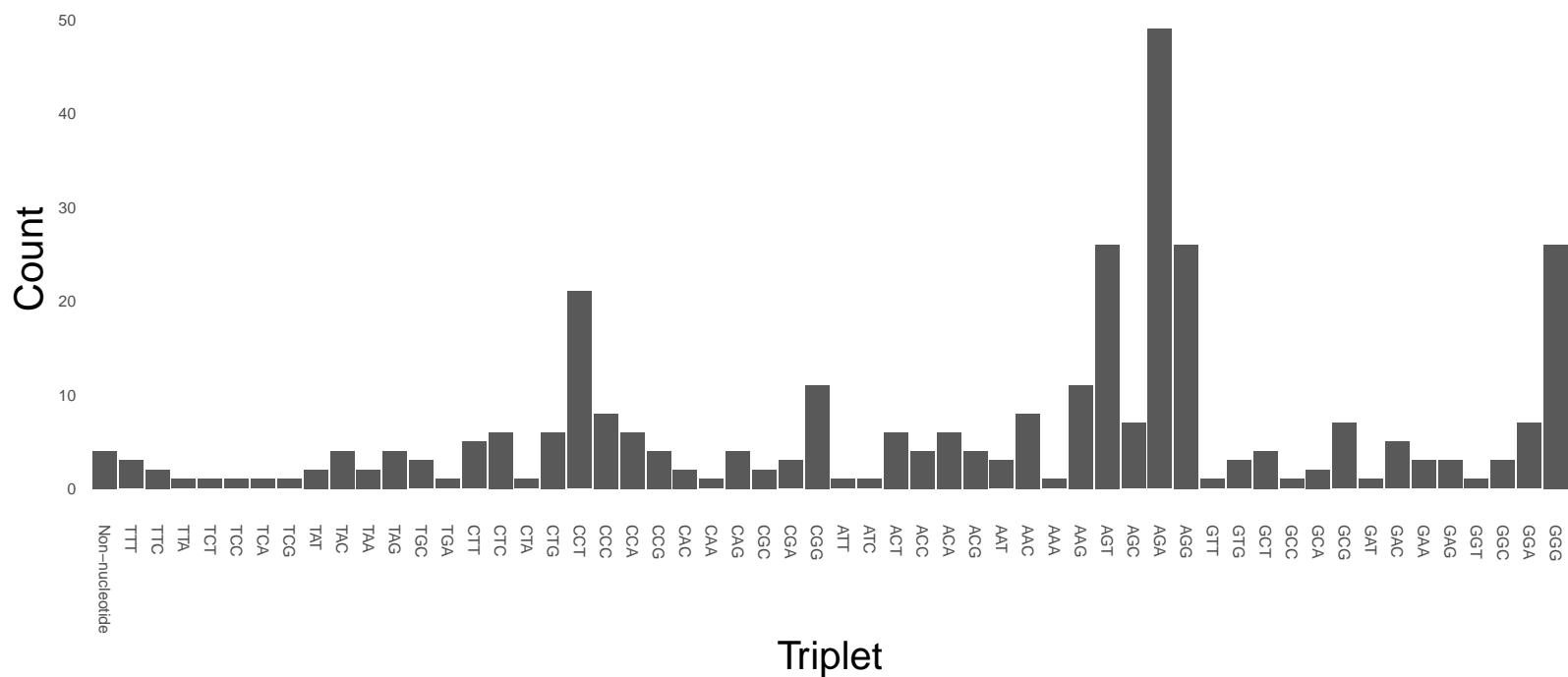
TRBV12-1*01_C165A- Final 3 nucleotides as a triplet



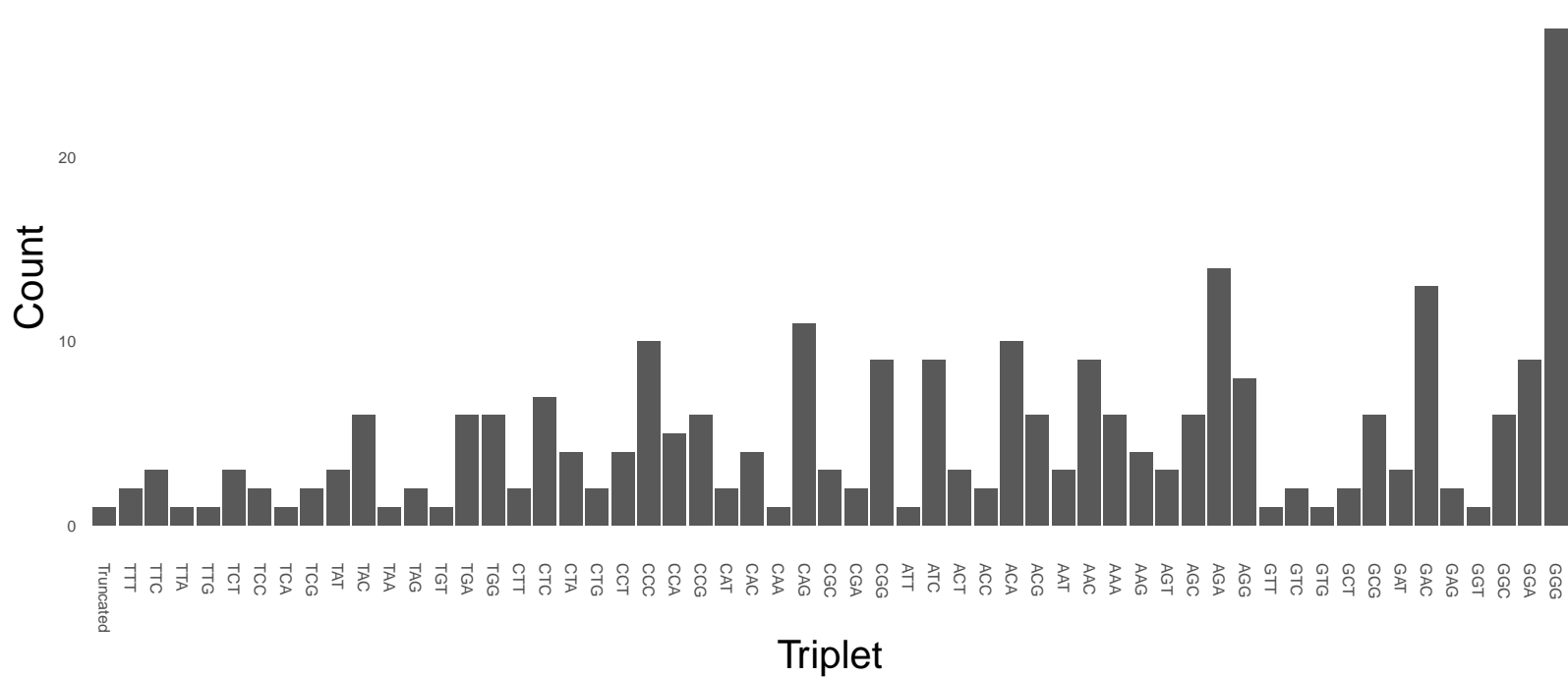
TRBV12-4*01_C87T- Final 3 nucleotides as a triplet



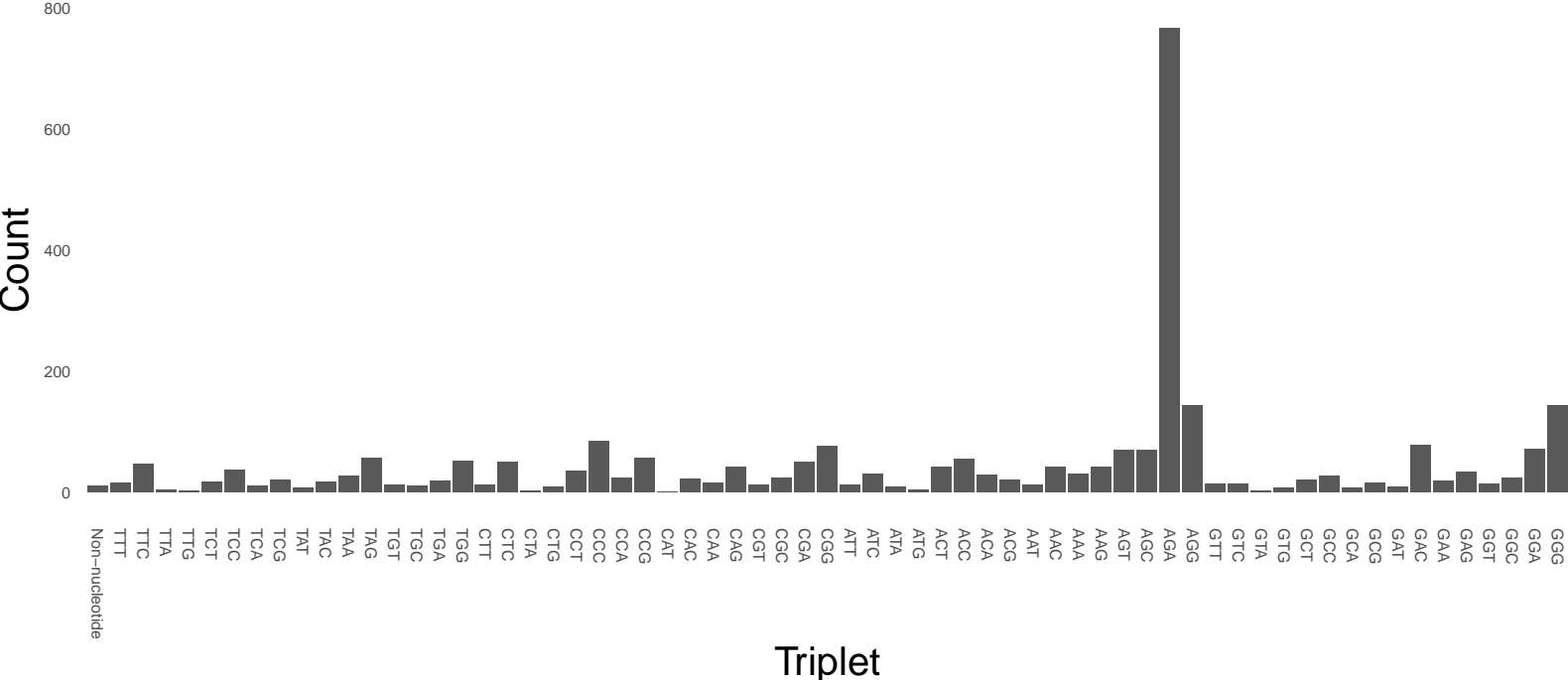
TRBV14*02_322CAAGA326- Final 3 nucleotides as a triplet



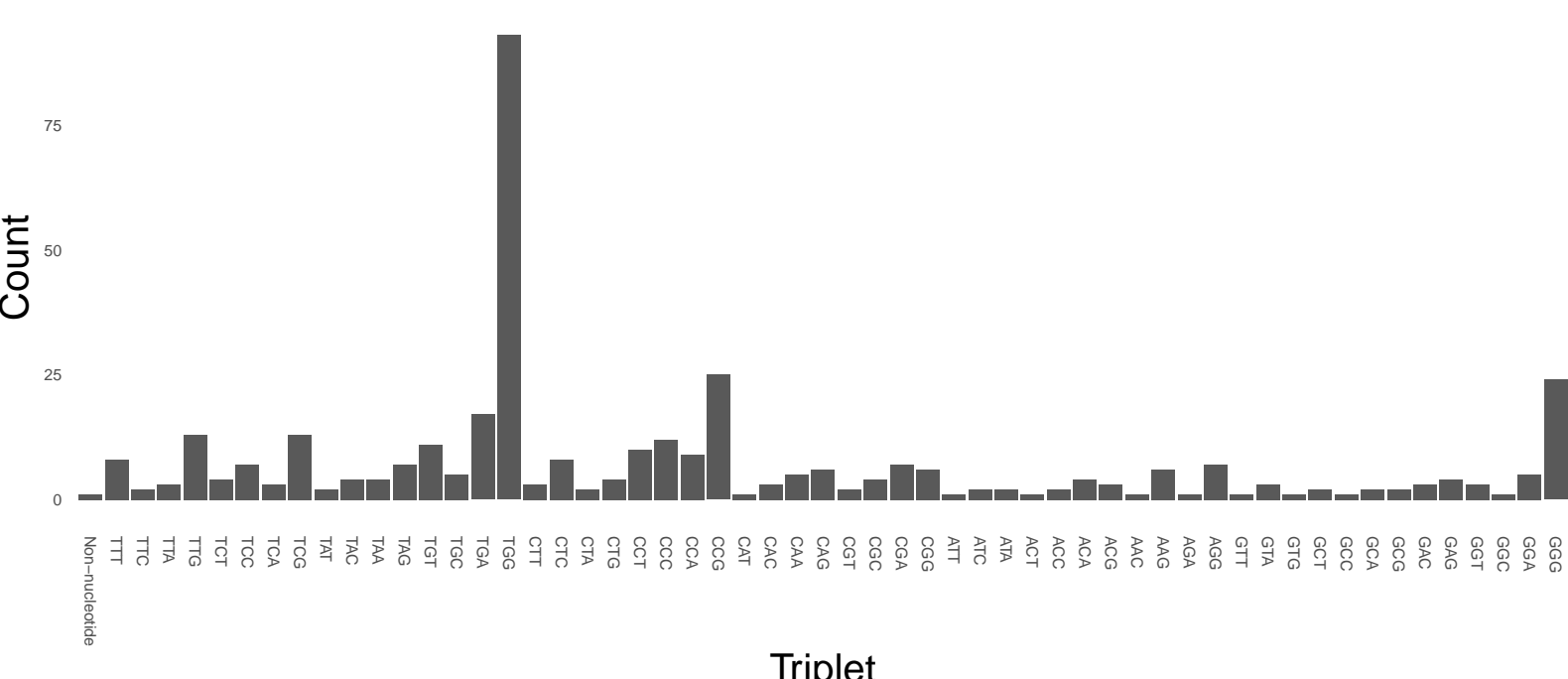
TRBV19*01_A24G- Final 3 nucleotides as a triplet



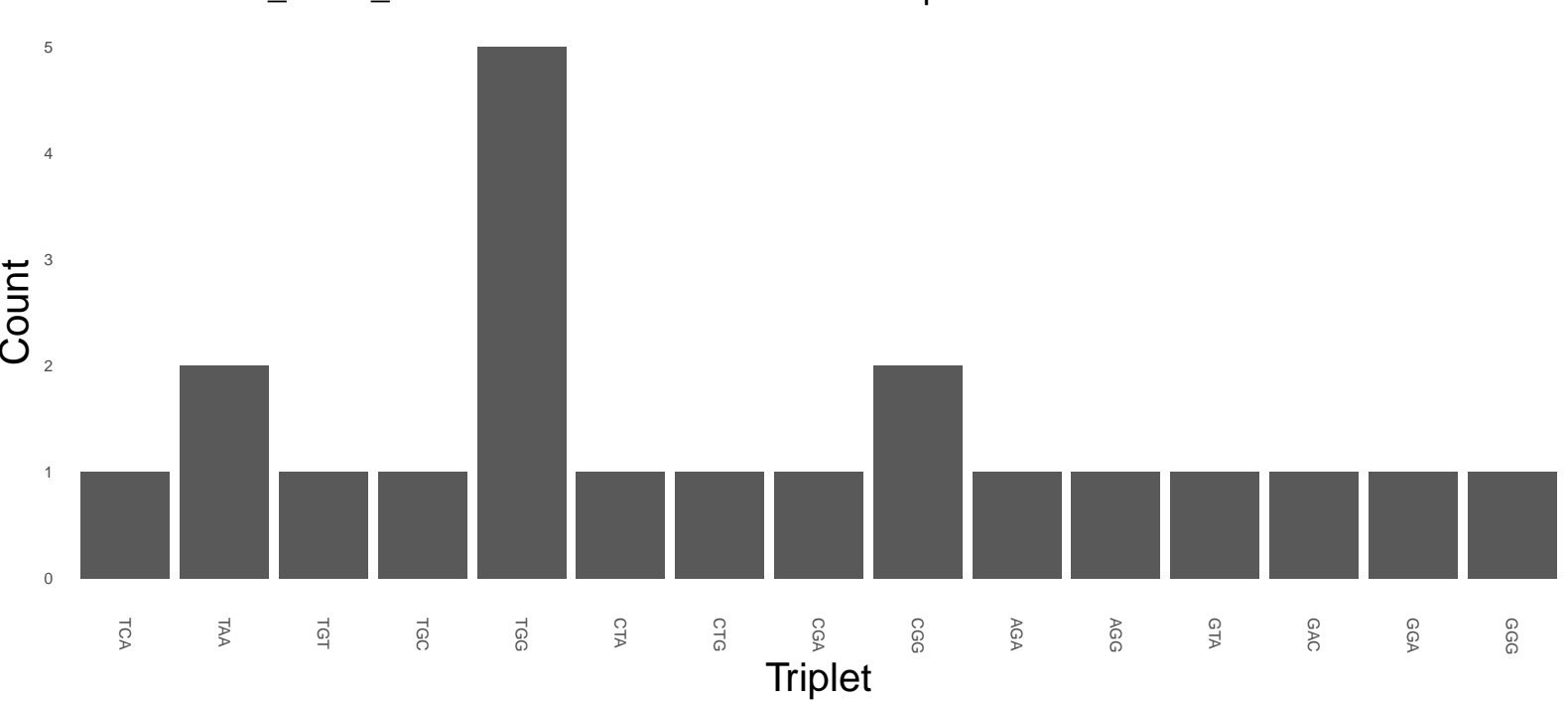
TRBV20–1*02_319AGAGA323– Final 3 nucleotides as a triplet



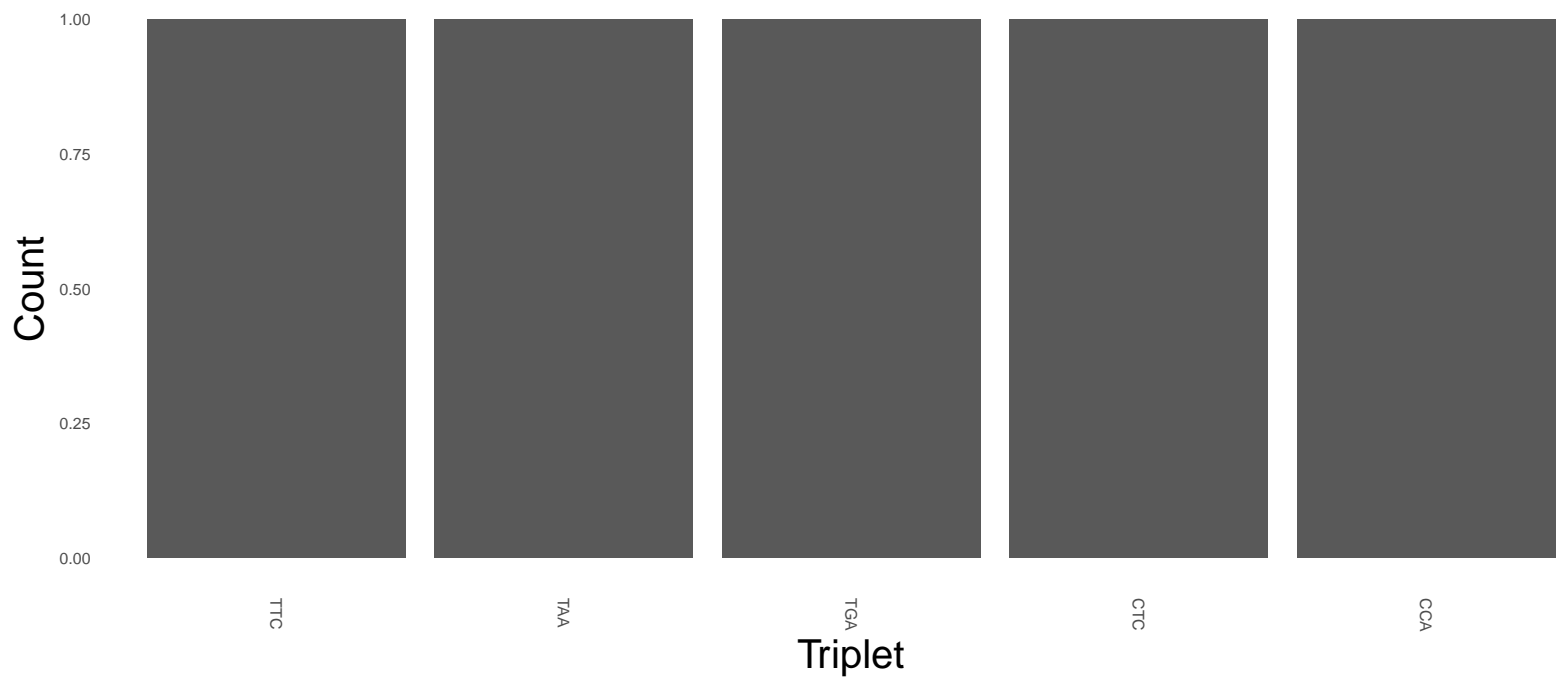
TRBV5–5*02_322TTGG325– Final 3 nucleotides as a triplet



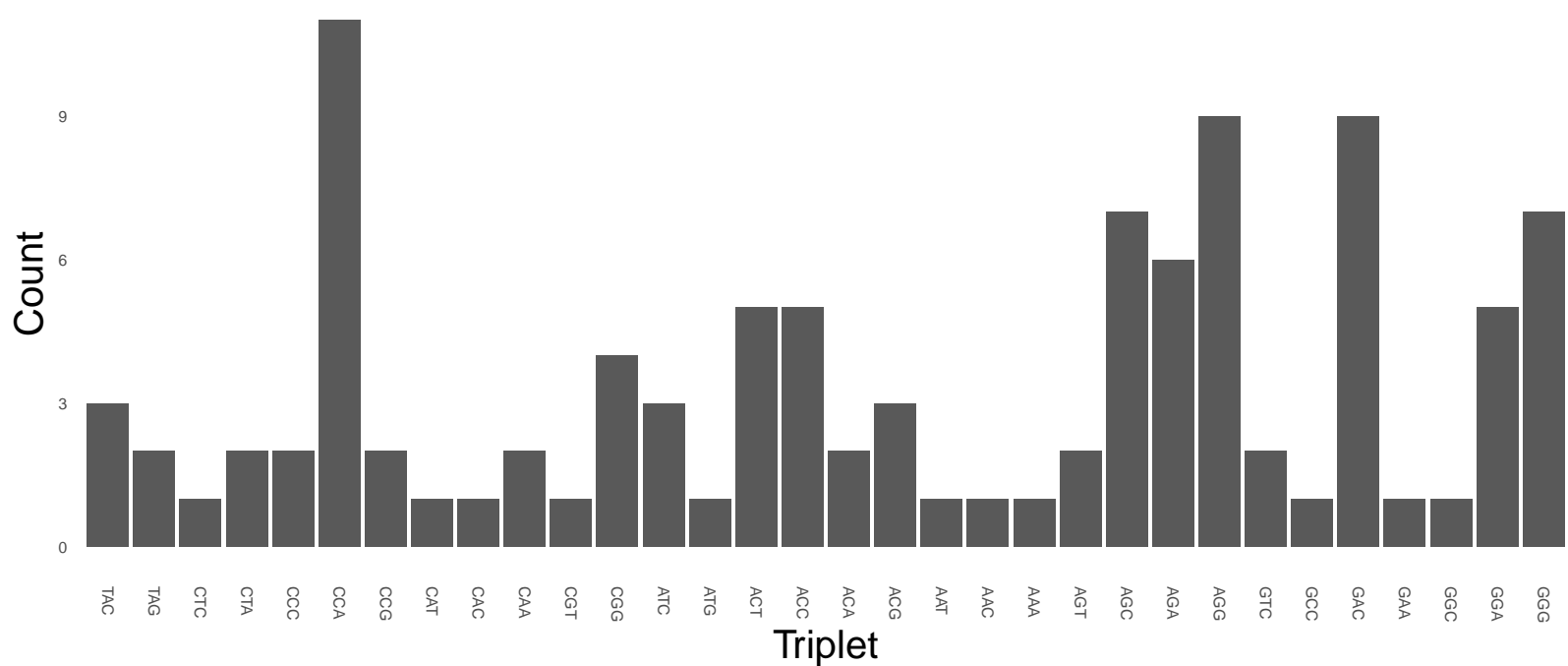
TRBV5–8*01_C56T_C276T– Final 3 nucleotides as a triplet



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

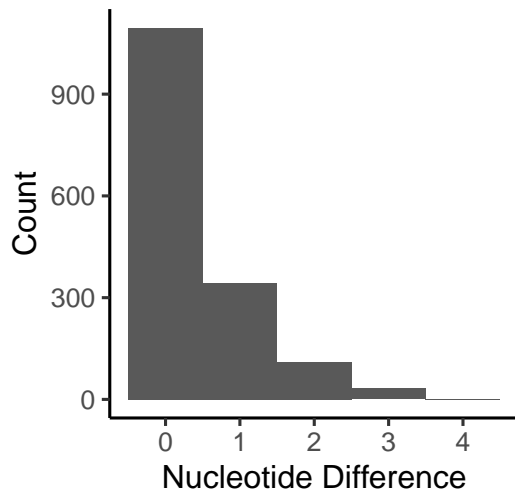


TRBV7-7*01_C315T- Final 3 nucleotides as a triplet



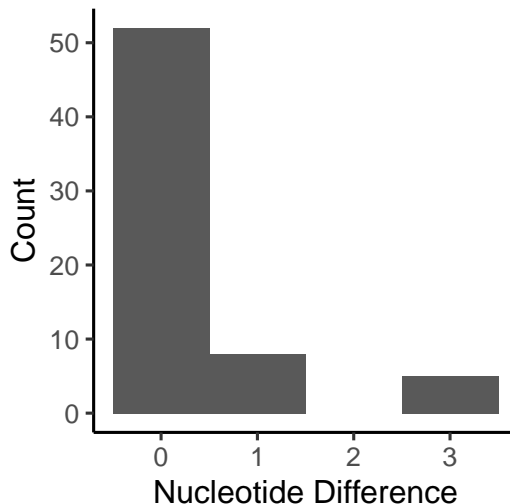
TRBV20–1*05

1584 sequences assigned
1096 (69.2%) exact matches, in which:
1031 unique CDR3
13 unique J



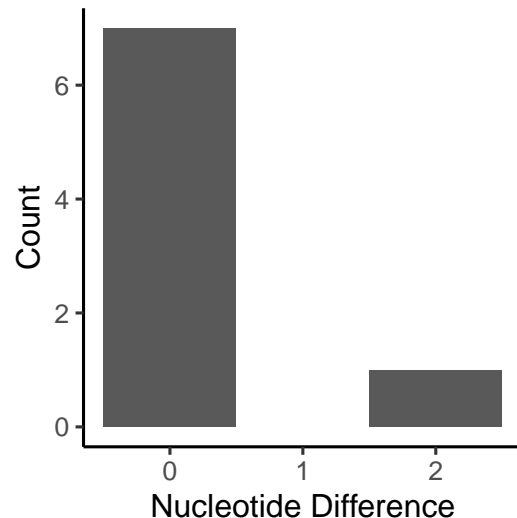
TRBV10–2*01

65 sequences assigned
52 (80%) exact matches, in which:
48 unique CDR3
11 unique J



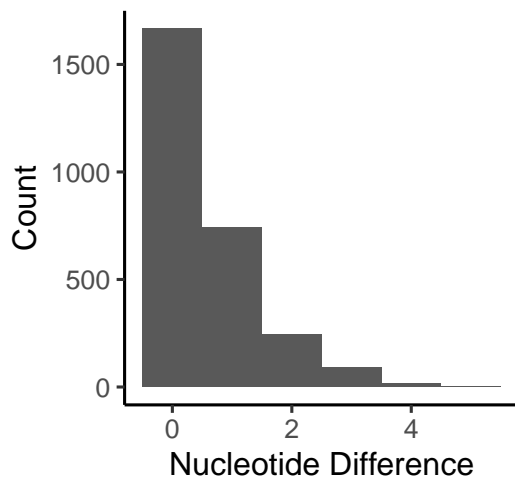
TRBV1*01

8 sequences assigned
7 (87.5%) exact matches, in which:
7 unique CDR3
4 unique J



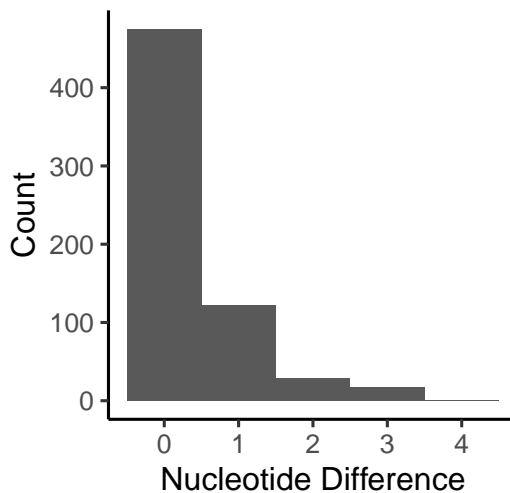
TRBV20–1*02_319AGAC

2761 sequences assigned
1666 (60.3%) exact matches, in which:
1553 unique CDR3
13 unique J



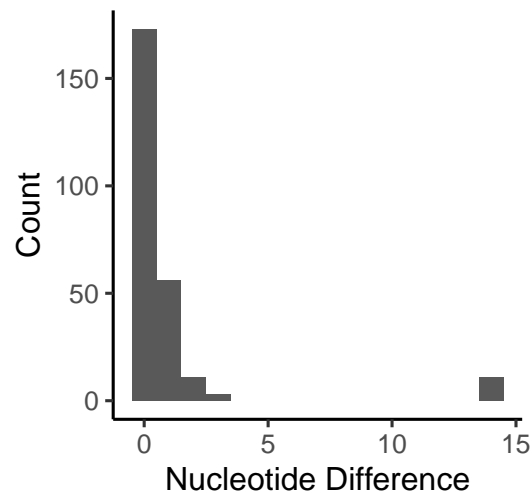
TRBV10–3*01

644 sequences assigned
475 (73.8%) exact matches, in which:
464 unique CDR3
13 unique J



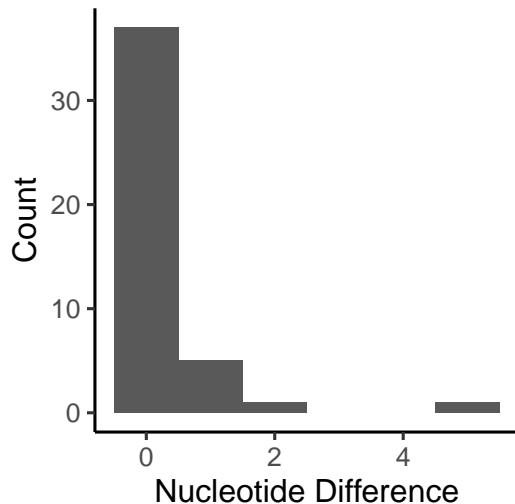
TRBV13*01

254 sequences assigned
173 (68.1%) exact matches, in which:
164 unique CDR3
13 unique J



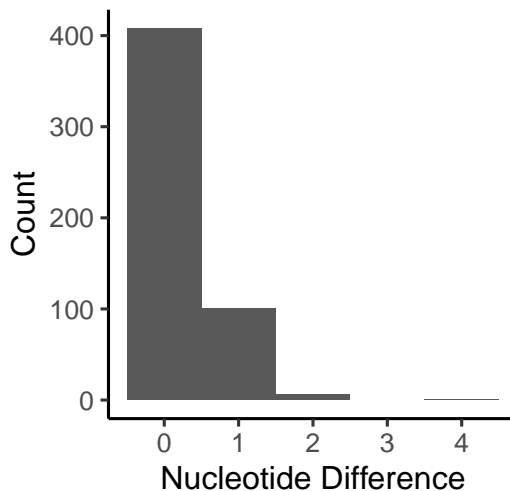
TRBV10–1*02_G274T

44 sequences assigned
37 (84.1%) exact matches, in which:
32 unique CDR3
10 unique J



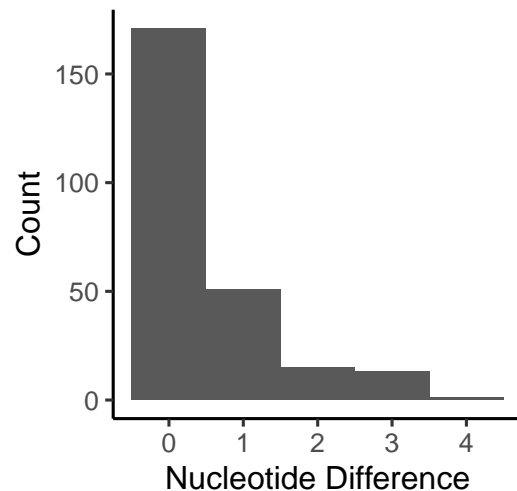
TRBV10–3*03_313GCCA

515 sequences assigned
408 (79.2%) exact matches, in which:
392 unique CDR3
13 unique J



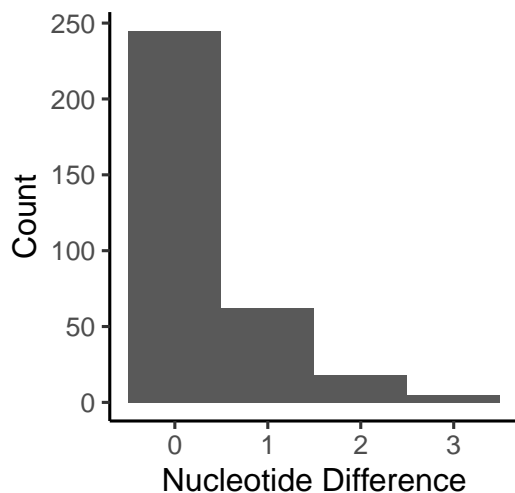
TRBV14*01

251 sequences assigned
171 (68.1%) exact matches, in which:
156 unique CDR3
13 unique J



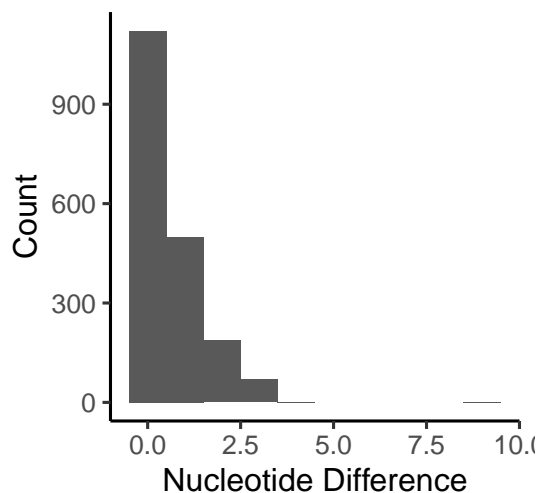
TRBV14*02_322CAAGA3

330 sequences assigned
245 (74.2%) exact matches, in which:
216 unique CDR3
13 unique J



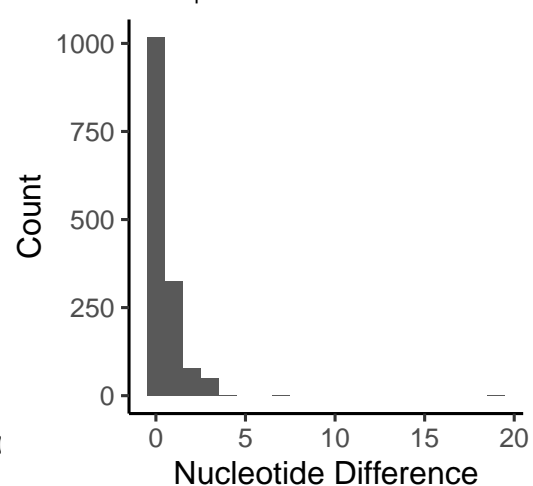
TRBV18*01

1884 sequences assigned
1122 (59.6%) exact matches, in which:
689 unique CDR3
13 unique J



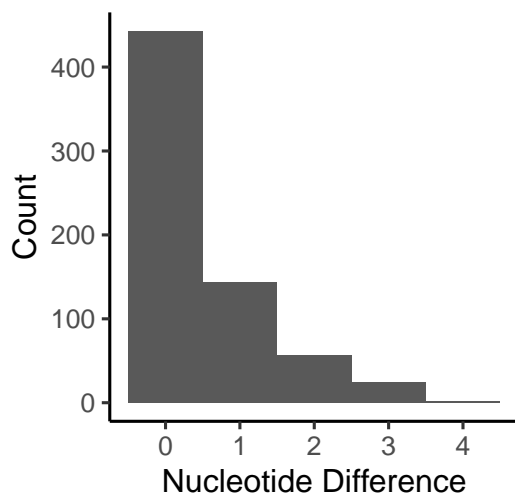
TRBV2*01

1472 sequences assigned
1017 (69.1%) exact matches, in which:
931 unique CDR3
13 unique J



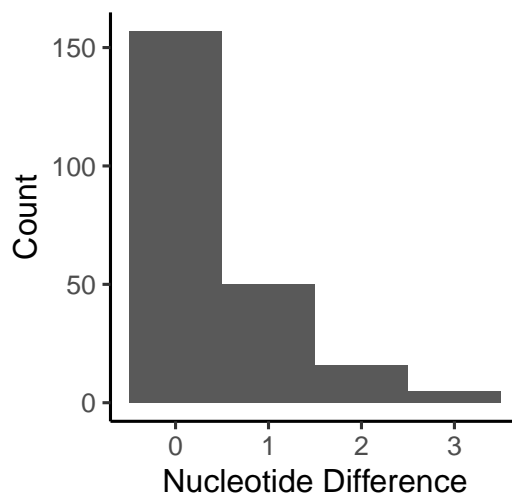
TRBV15*02

671 sequences assigned
443 (66%) exact matches, in which:
406 unique CDR3
13 unique J



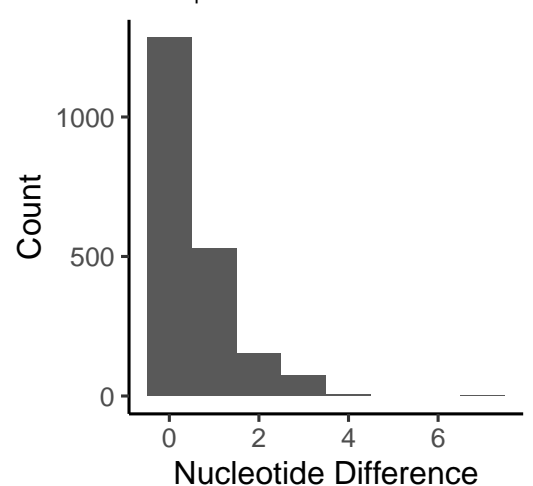
TRBV19*01

228 sequences assigned
157 (68.9%) exact matches, in which:
150 unique CDR3
12 unique J



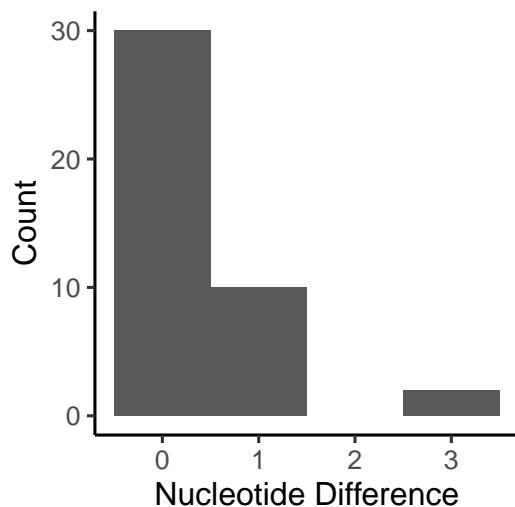
TRBV27*01

2040 sequences assigned
1284 (62.9%) exact matches, in which:
975 unique CDR3
13 unique J



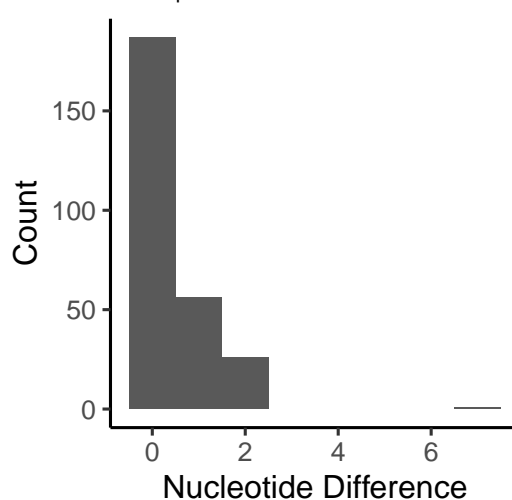
TRBV16*01

42 sequences assigned
30 (71.4%) exact matches, in which:
27 unique CDR3
9 unique J



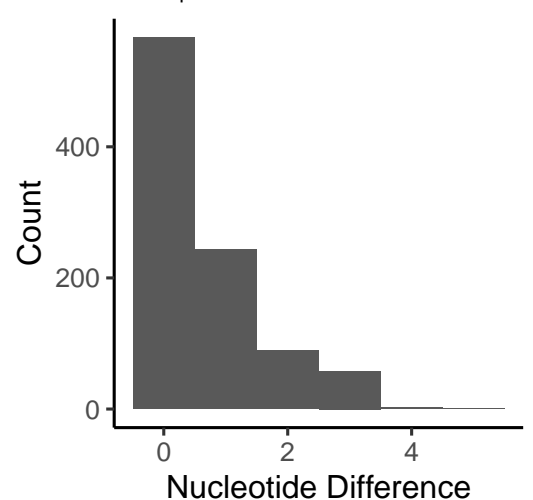
TRBV19*01_A24G

270 sequences assigned
187 (69.3%) exact matches, in which:
185 unique CDR3
13 unique J



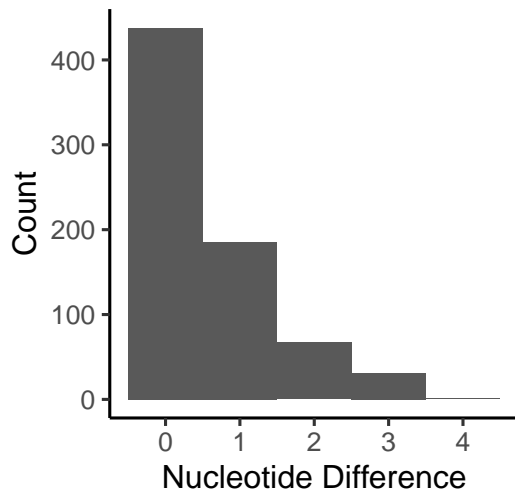
TRBV28*01

961 sequences assigned
567 (59%) exact matches, in which:
347 unique CDR3
13 unique J



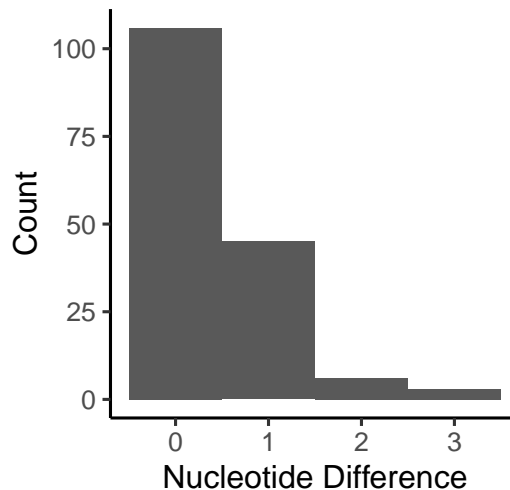
TRBV30*01

722 sequences assigned
438 (60.7%) exact matches, in which:
399 unique CDR3
13 unique J



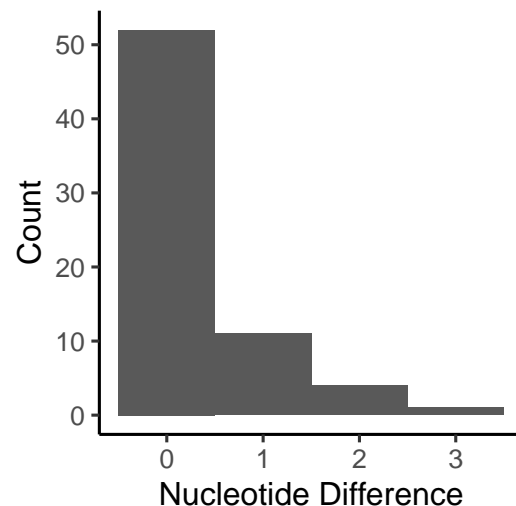
TRBV11-1*01

160 sequences assigned
106 (66.2%) exact matches, in which:
103 unique CDR3
11 unique J



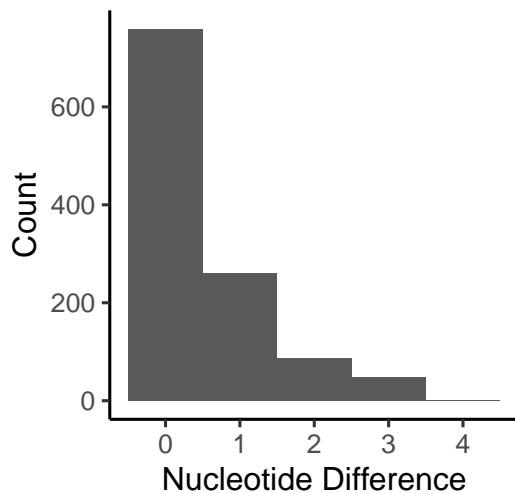
TRBV11-3*01

68 sequences assigned
52 (76.5%) exact matches, in which:
36 unique CDR3
7 unique J



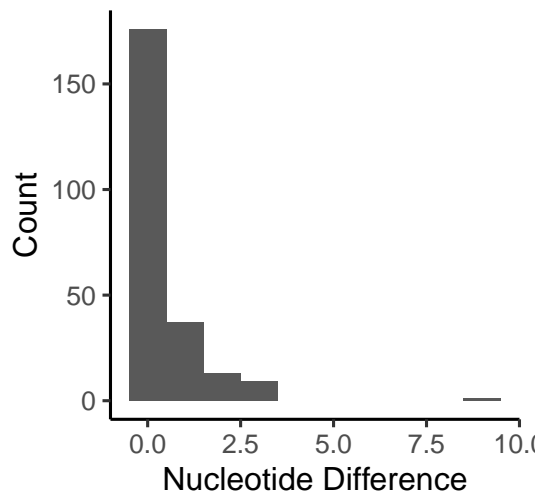
TRBV9*01

1155 sequences assigned
759 (65.7%) exact matches, in which:
643 unique CDR3
13 unique J



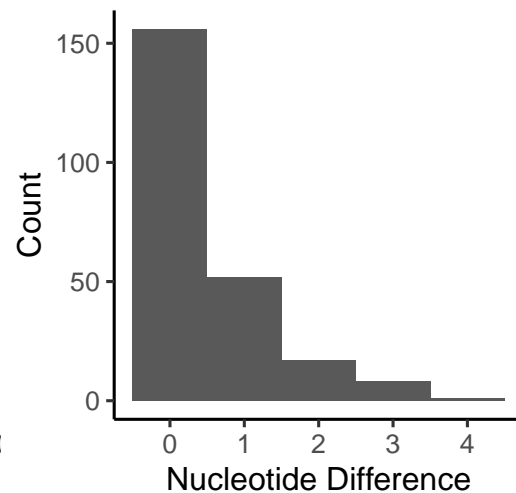
TRBV21-1*02

236 sequences assigned
176 (74.6%) exact matches, in which:
169 unique CDR3
13 unique J



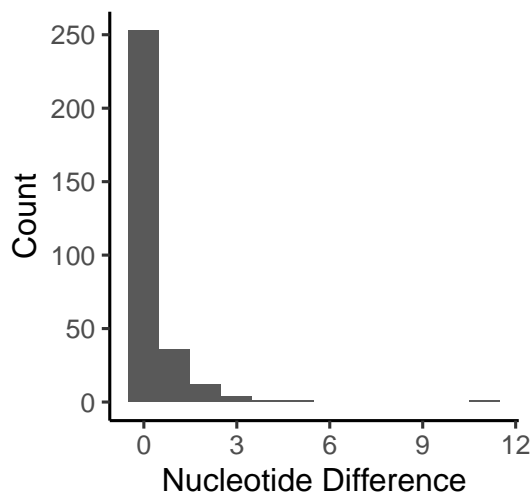
TRBV11-3*04

234 sequences assigned
156 (66.7%) exact matches, in which:
112 unique CDR3
13 unique J



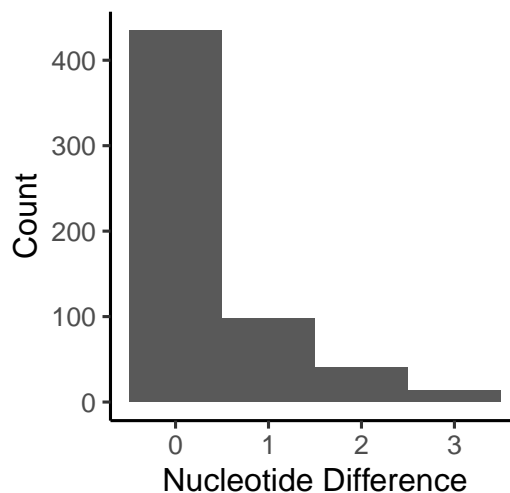
TRBV21-1*01

308 sequences assigned
253 (82.1%) exact matches, in which:
245 unique CDR3
13 unique J



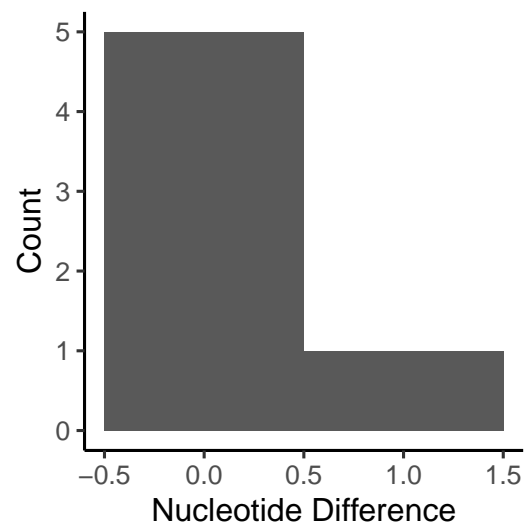
TRBV11-2*01

588 sequences assigned
435 (74%) exact matches, in which:
418 unique CDR3
13 unique J



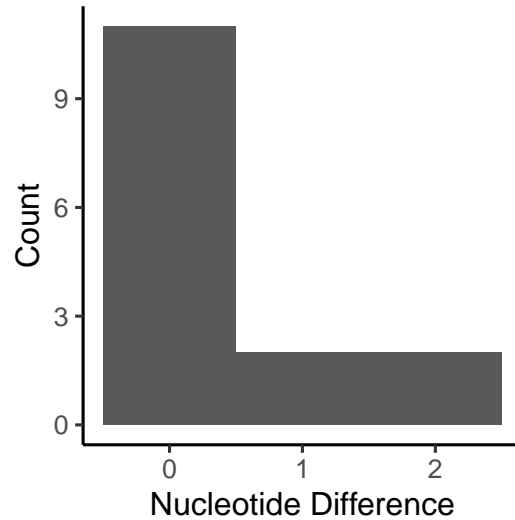
TRBV12-1*01_C165A

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



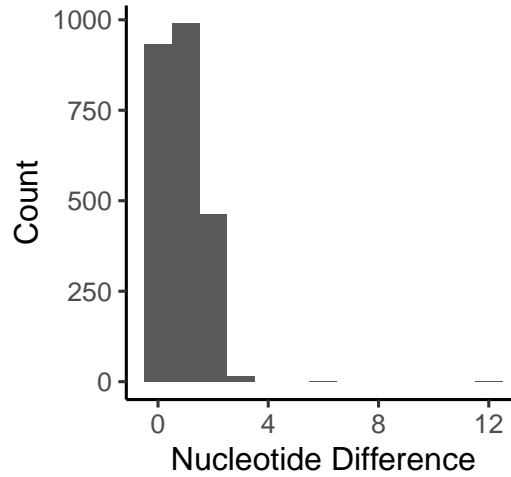
TRBV12-2*01

15 sequences assigned
11 (73.3%) exact matches, in which:
11 unique CDR3
8 unique J



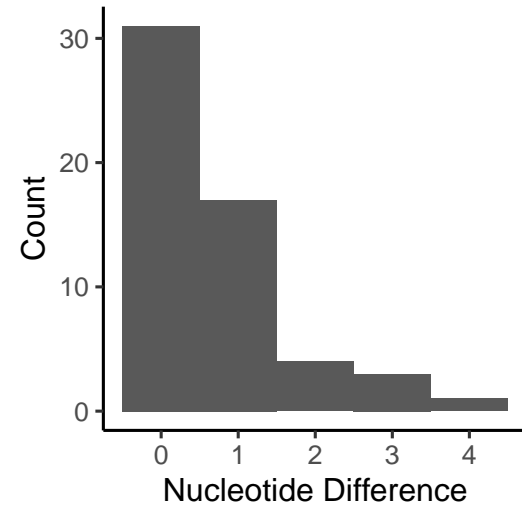
TRBV12-4*01_C87T

2404 sequences assigned
934 (38.9%) exact matches, in which:
476 unique CDR3
13 unique J



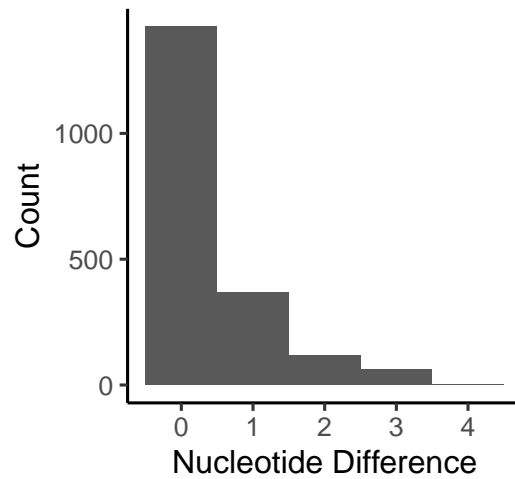
TRBV23-1*01

56 sequences assigned
31 (55.4%) exact matches, in which:
31 unique CDR3
11 unique J



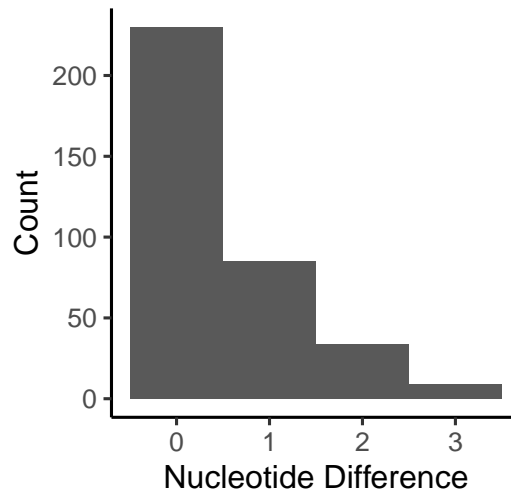
TRBV12-3*01

1970 sequences assigned
1424 (72.3%) exact matches, in which:
1359 unique CDR3
13 unique J



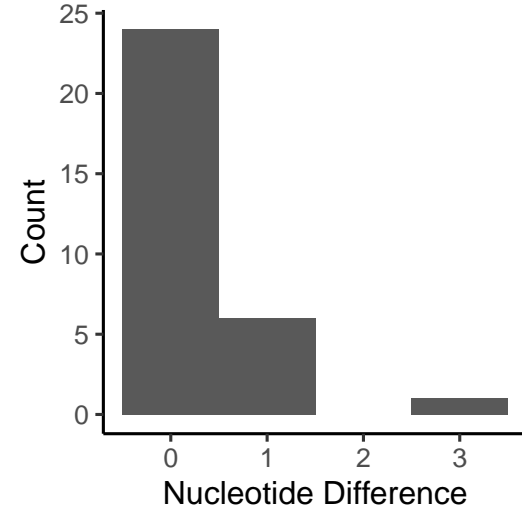
TRBV12-5*01

358 sequences assigned
230 (64.2%) exact matches, in which:
193 unique CDR3
13 unique J



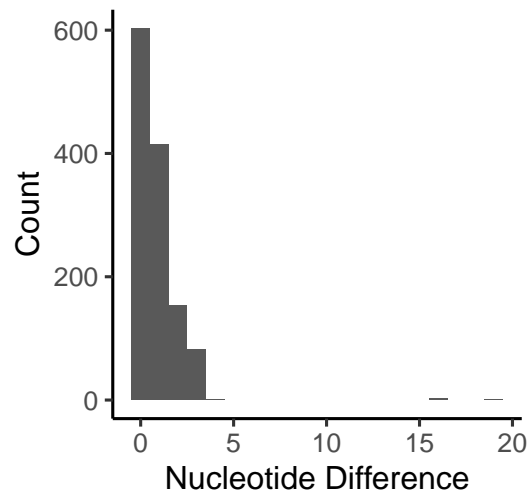
TRBV3-2*02

31 sequences assigned
24 (77.4%) exact matches, in which:
24 unique CDR3
12 unique J



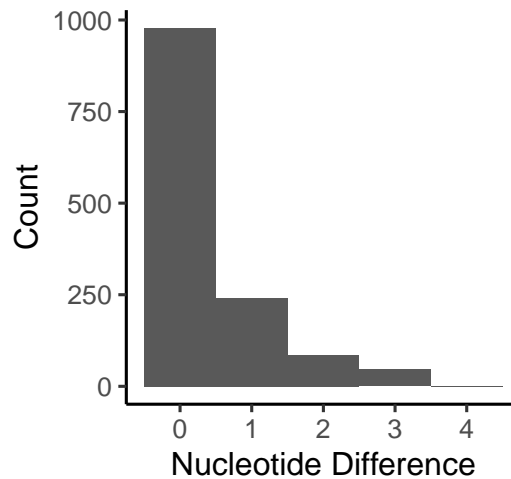
TRBV12-4*01

1259 sequences assigned
603 (47.9%) exact matches, in which:
387 unique CDR3
13 unique J



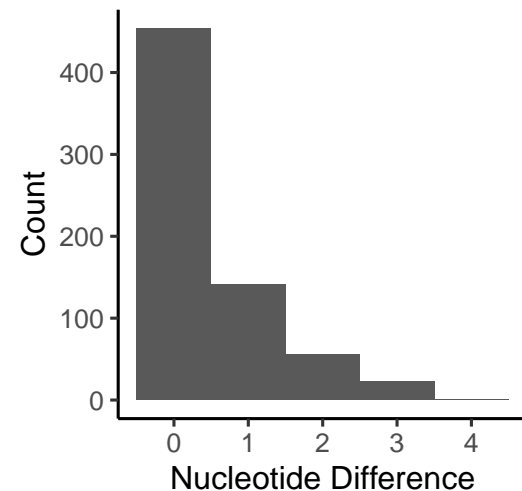
TRBV3-1*01

1353 sequences assigned
978 (72.3%) exact matches, in which:
940 unique CDR3
13 unique J



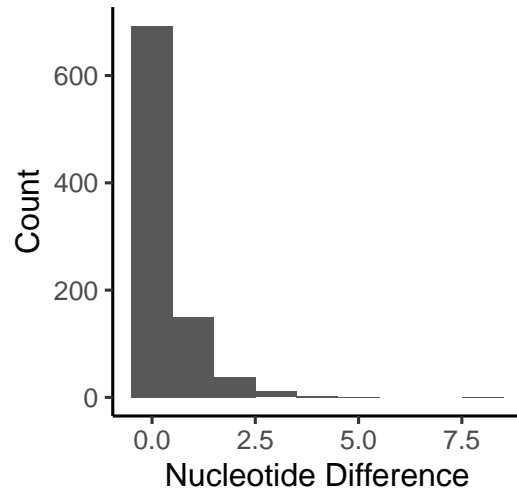
TRBV24-1*01

675 sequences assigned
454 (67.3%) exact matches, in which:
420 unique CDR3
13 unique J



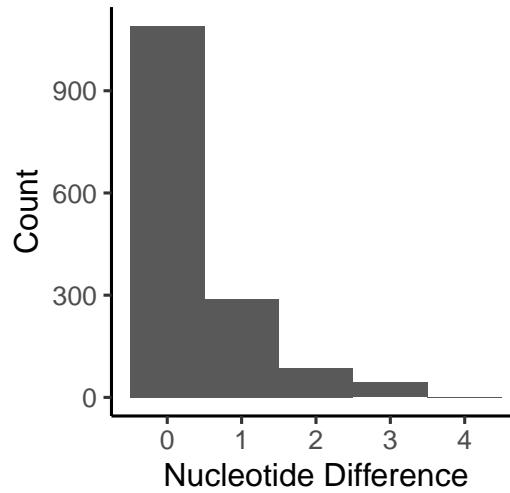
TRBV4-1*01

897 sequences assigned
693 (77.3%) exact matches, in which:
651 unique CDR3
13 unique J



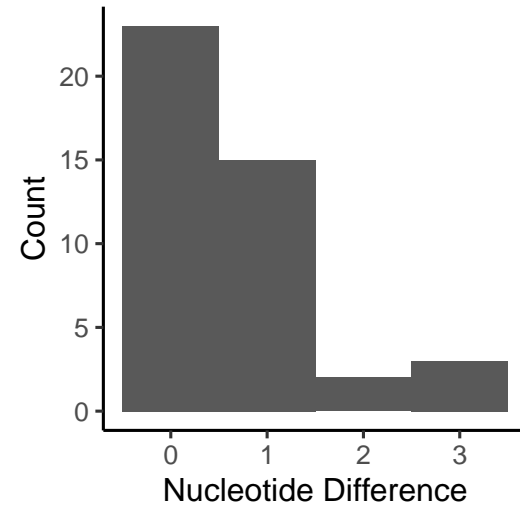
TRBV4-3*01

1511 sequences assigned
1091 (72.2%) exact matches, in which:
995 unique CDR3
13 unique J



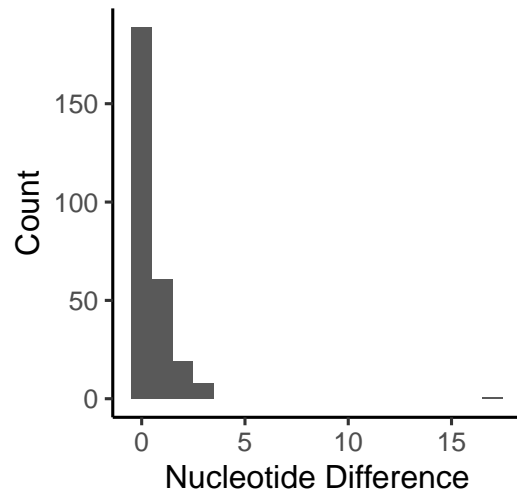
TRBV5-3*01

43 sequences assigned
23 (53.5%) exact matches, in which:
8 unique CDR3
4 unique J



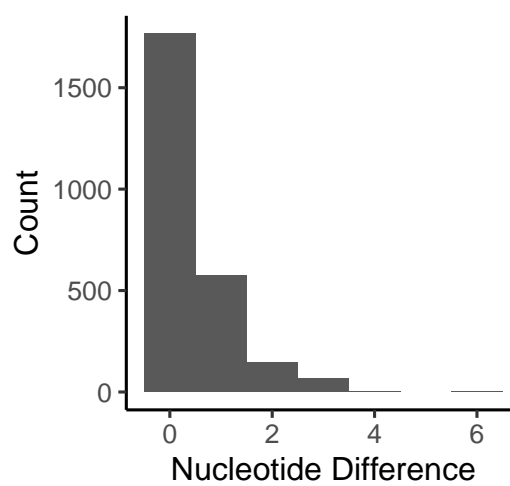
TRBV24-1*02

278 sequences assigned
189 (68%) exact matches, in which:
171 unique CDR3
12 unique J



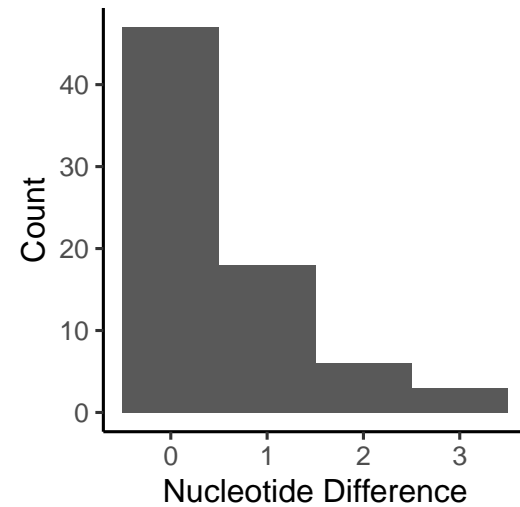
TRBV5-1*01

2554 sequences assigned
1766 (69.1%) exact matches, in which:
1668 unique CDR3
13 unique J



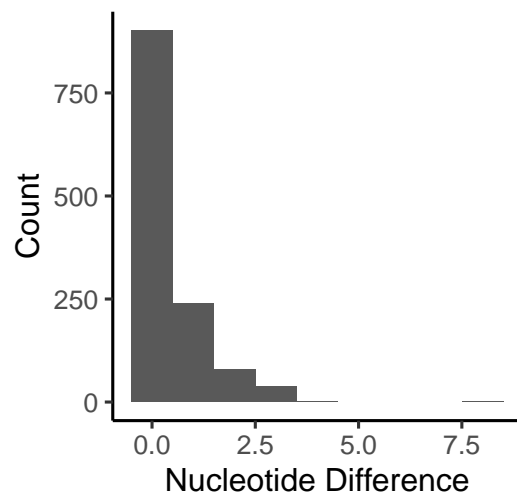
TRBV5-4*01

74 sequences assigned
47 (63.5%) exact matches, in which:
45 unique CDR3
10 unique J



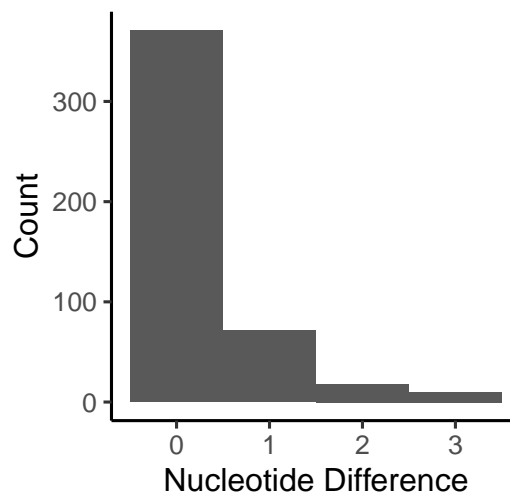
TRBV4-2*01

1261 sequences assigned
902 (71.5%) exact matches, in which:
798 unique CDR3
13 unique J



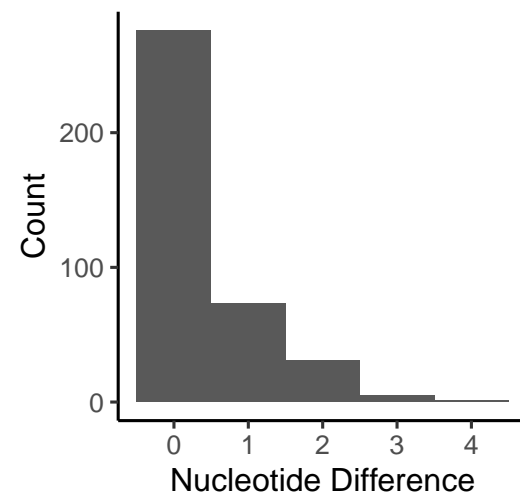
TRBV25-1*01

470 sequences assigned
371 (78.9%) exact matches, in which:
355 unique CDR3
13 unique J



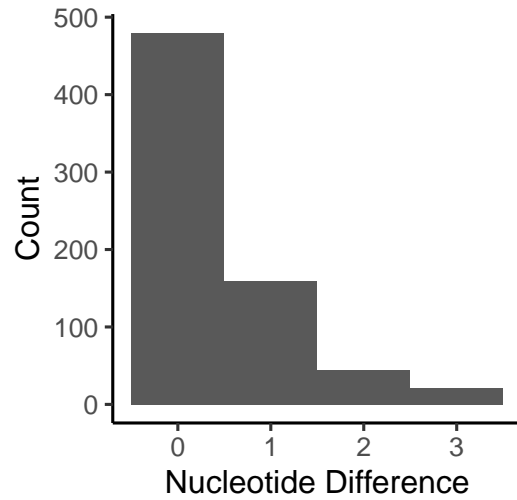
TRBV5-5*02_322TTGG3

386 sequences assigned
276 (71.5%) exact matches, in which:
259 unique CDR3
13 unique J



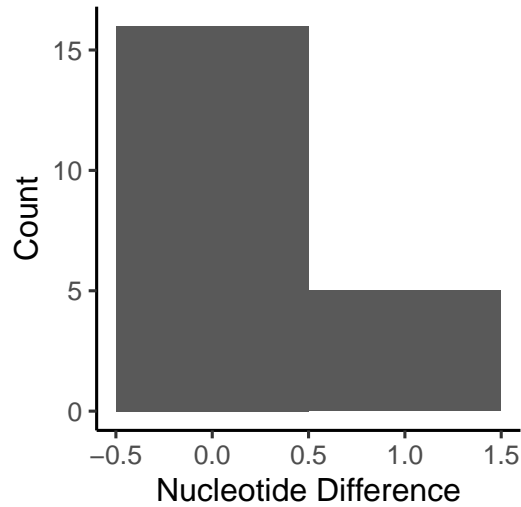
TRBV5-6*01

704 sequences assigned
480 (68.2%) exact matches, in which:
437 unique CDR3
13 unique J



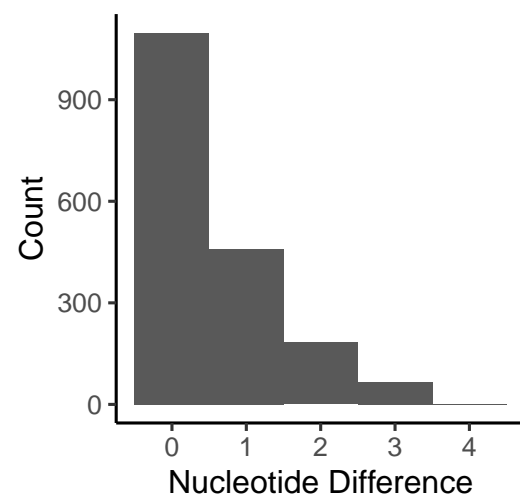
TRBV5-8*01_C56T_C276

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



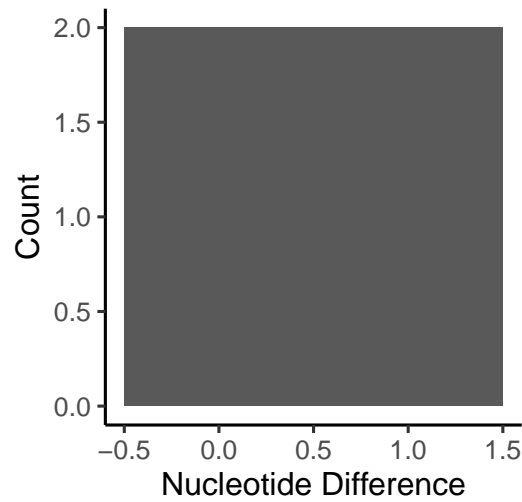
TRBV6-5*01

1807 sequences assigned
1098 (60.8%) exact matches, in which:
929 unique CDR3
13 unique J



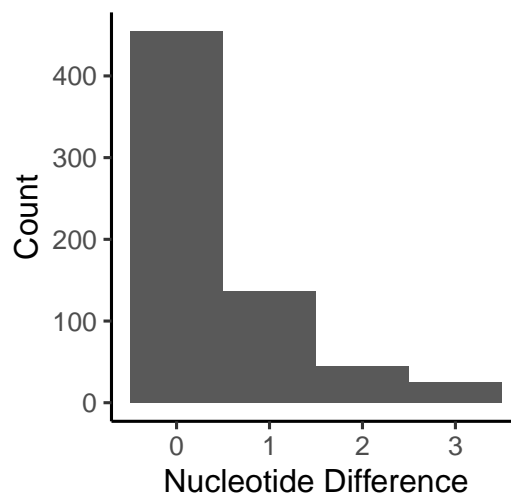
TRBV5-7*01

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



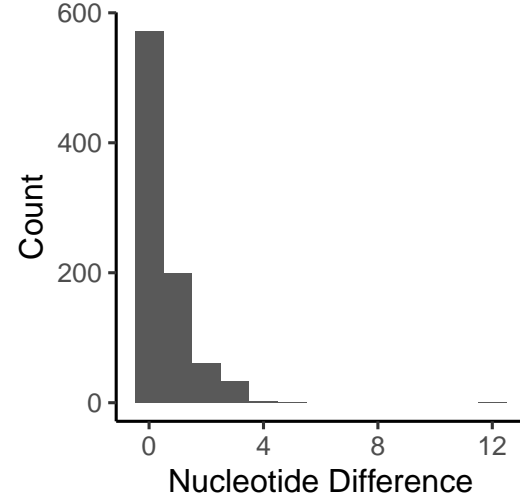
TRBV6-1*01

665 sequences assigned
455 (68.4%) exact matches, in which:
420 unique CDR3
13 unique J



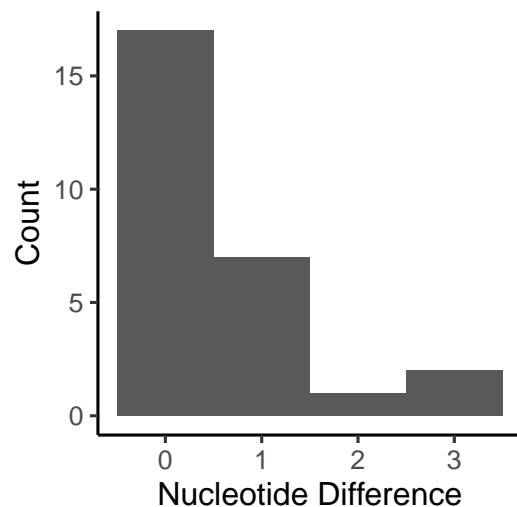
TRBV6-6*01

869 sequences assigned
572 (65.8%) exact matches, in which:
483 unique CDR3
13 unique J



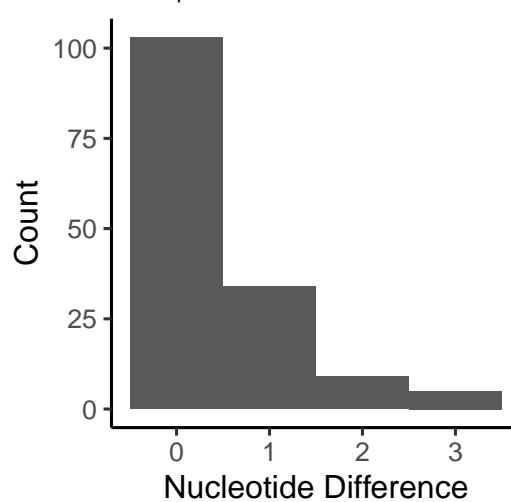
TRBV5-8*01

28 sequences assigned
17 (60.7%) exact matches, in which:
17 unique CDR3
7 unique J



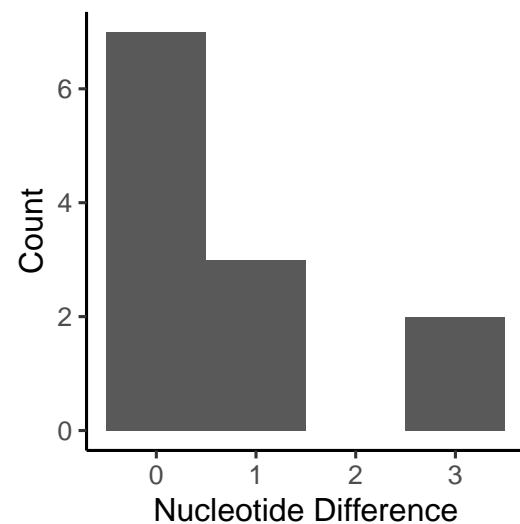
TRBV6-4*01

151 sequences assigned
103 (68.2%) exact matches, in which:
84 unique CDR3
11 unique J



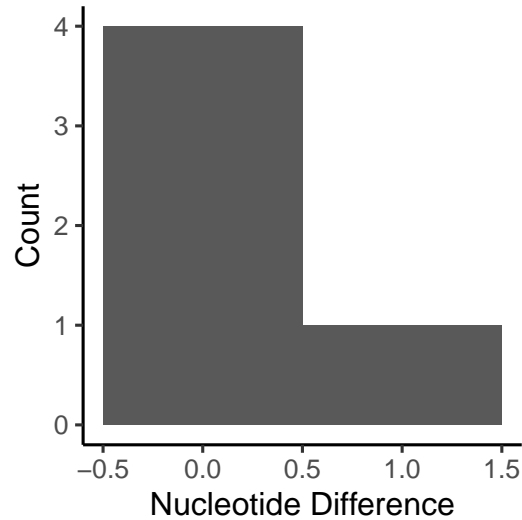
TRBV6-7*01

12 sequences assigned
7 (58.3%) exact matches, in which:
7 unique CDR3
5 unique J



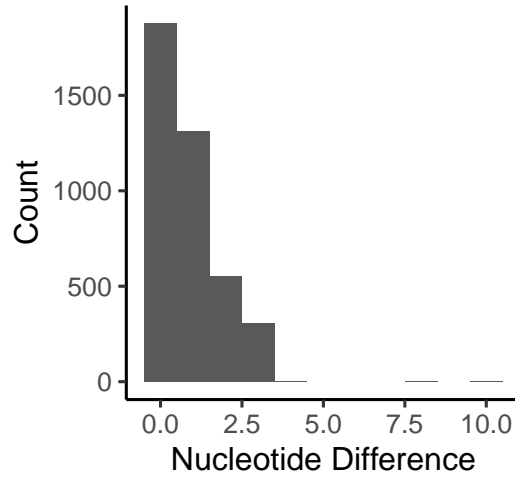
TRBV6-8*01

5 sequences assigned
4 (80%) exact matches, in which:
4 unique CDR3
4 unique J



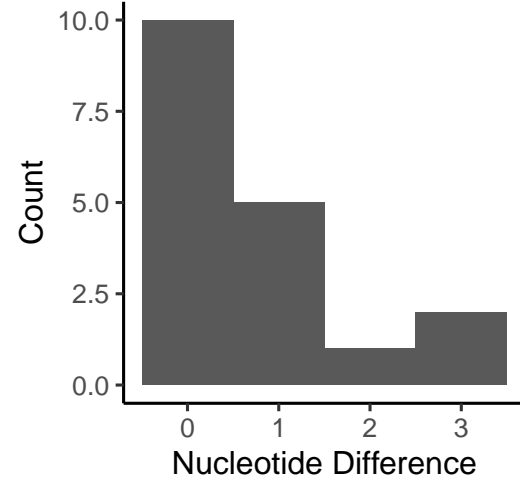
TRBV6-23*01

4064 sequences assigned
1877 (46.2%) exact matches, in which:
1194 unique CDR3
13 unique J



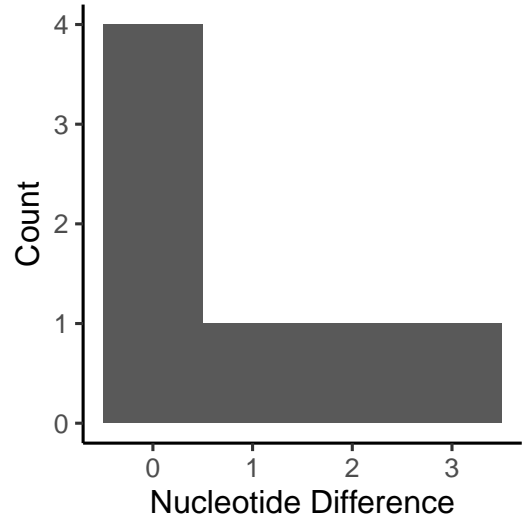
TRBV7-4*01

18 sequences assigned
10 (55.6%) exact matches, in which:
10 unique CDR3
8 unique J



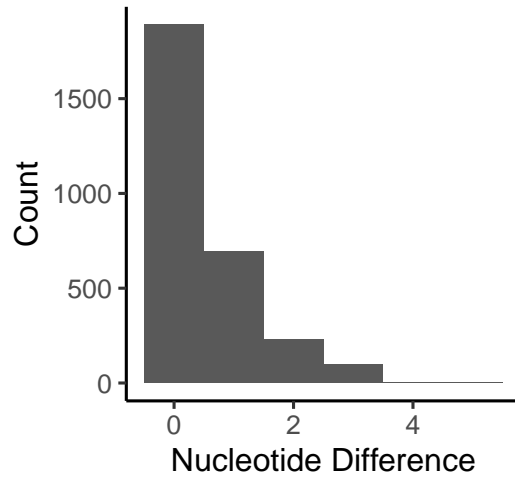
TRBV6-9*01

7 sequences assigned
4 (57.1%) exact matches, in which:
3 unique CDR3
2 unique J



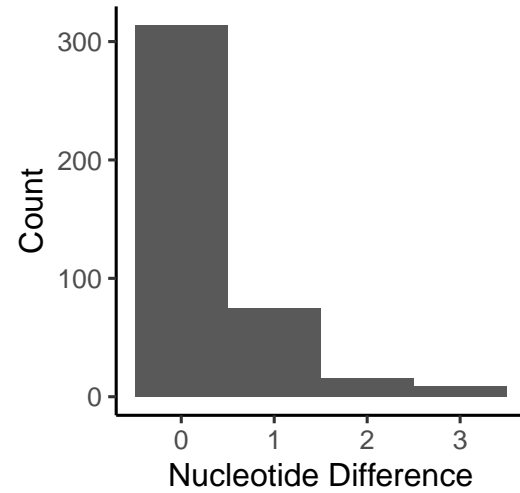
TRBV7-2*01

2922 sequences assigned
1890 (64.7%) exact matches, in which:
1641 unique CDR3
13 unique J



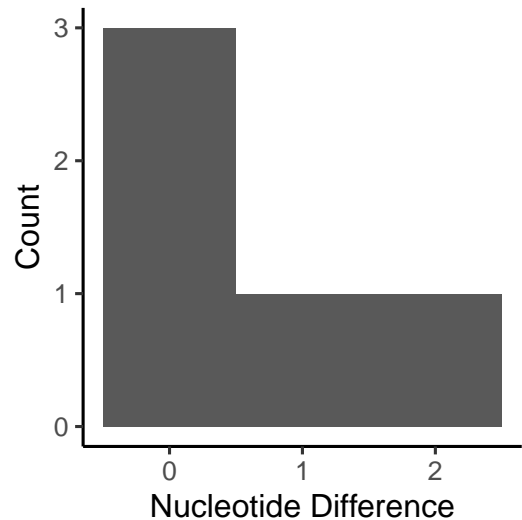
TRBV7-6*01

414 sequences assigned
314 (75.8%) exact matches, in which:
286 unique CDR3
13 unique J



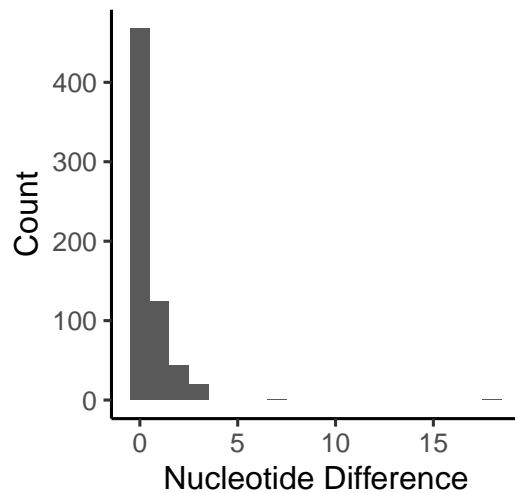
TRBV6-9*01_A303G

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



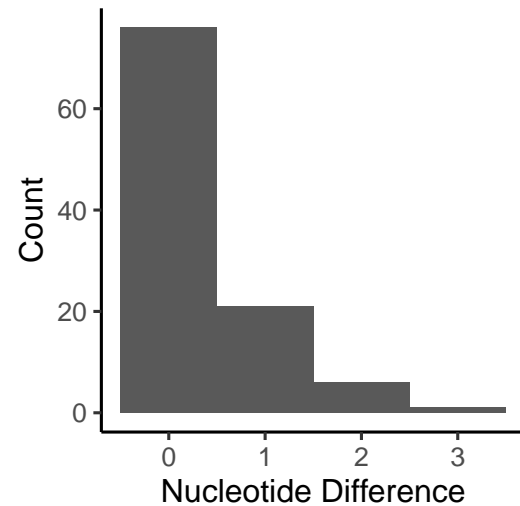
TRBV7-3*01

657 sequences assigned
468 (71.2%) exact matches, in which:
439 unique CDR3
13 unique J



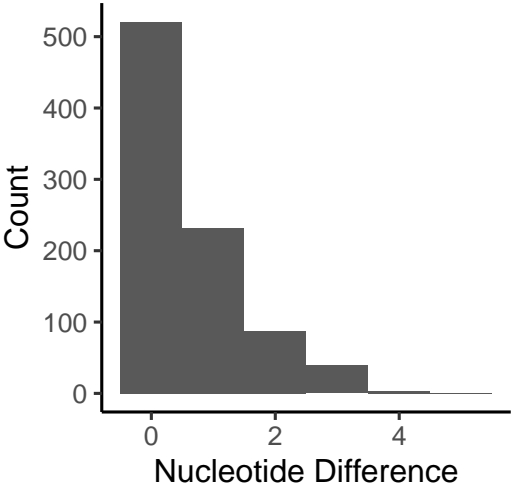
TRBV7-7*01_C315T

104 sequences assigned
76 (73.1%) exact matches, in which:
69 unique CDR3
12 unique J



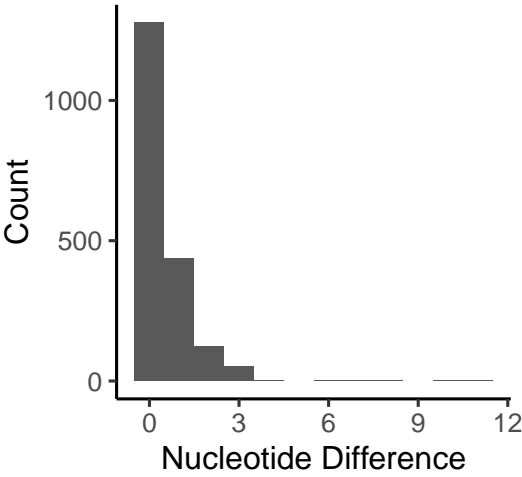
TRBV7-8*01

883 sequences assigned
521 (59%) exact matches, in which:
396 unique CDR3
13 unique J



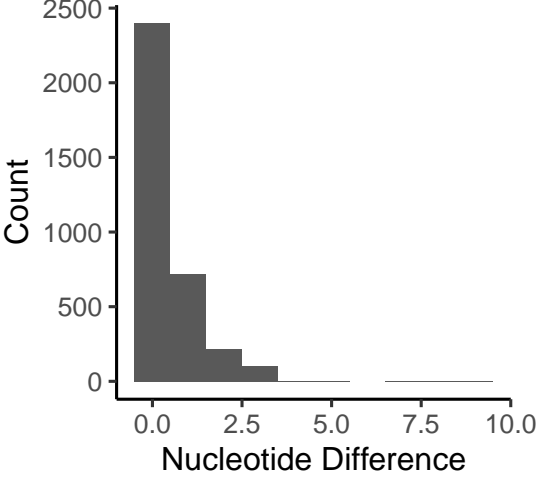
TRBV7-9*03

1899 sequences assigned
1277 (67.2%) exact matches, in which:
1131 unique CDR3
13 unique J

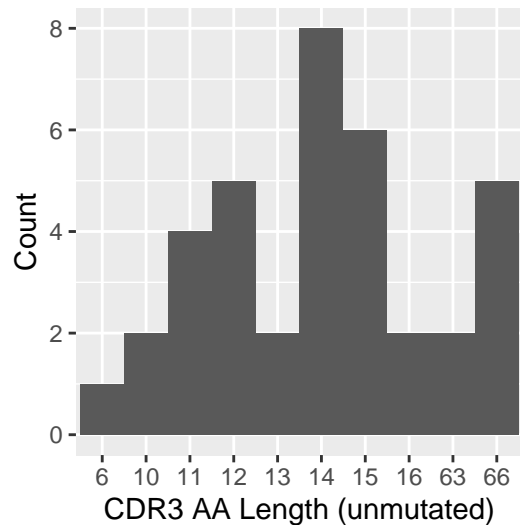


TRBV29-1*01

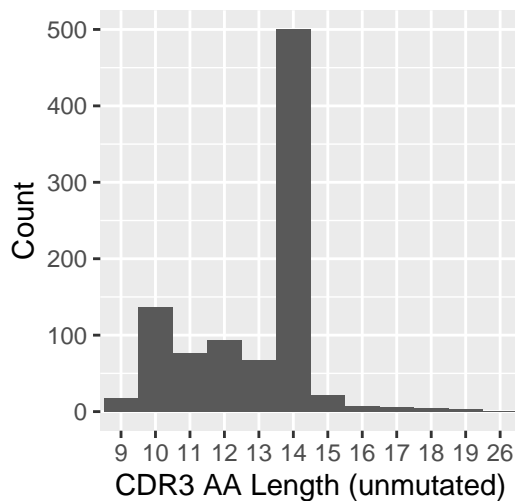
3445 sequences assigned
2400 (69.7%) exact matches, in which:
2146 unique CDR3
13 unique J



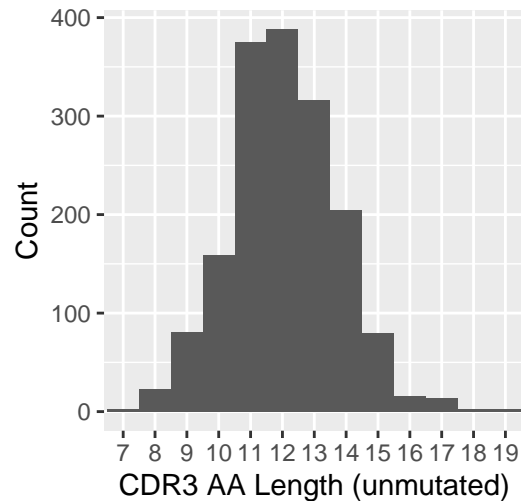
TRBV10-1*02_G274T



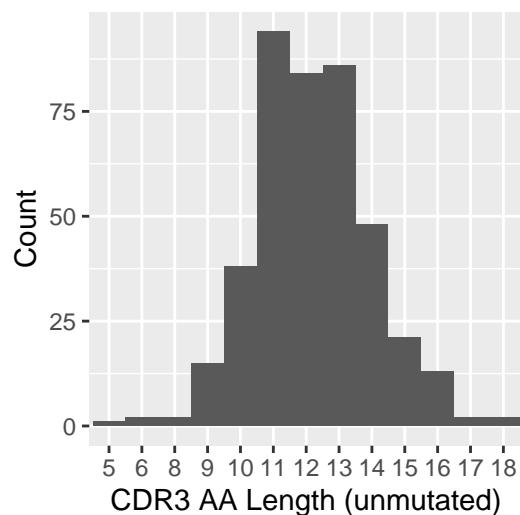
TRBV12-4*01_C87T



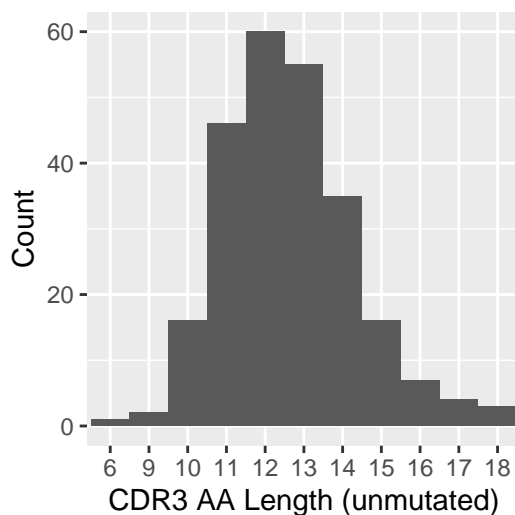
TRBV20-1*02_319AGAGA3



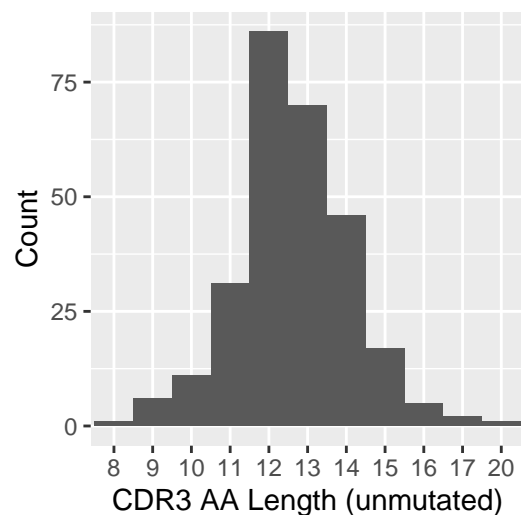
TRBV10-3*03_313GCCATC,



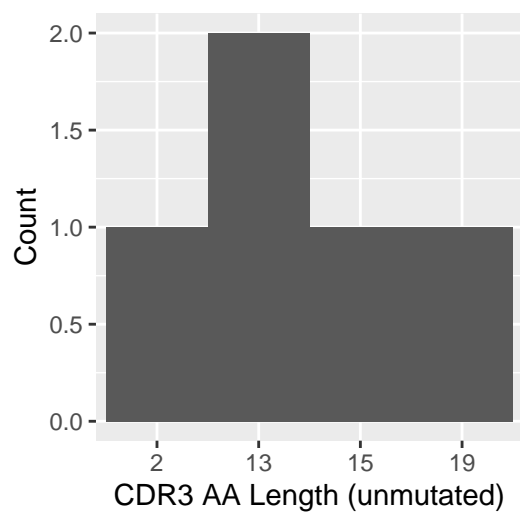
TRBV14*02_322CAAGA326



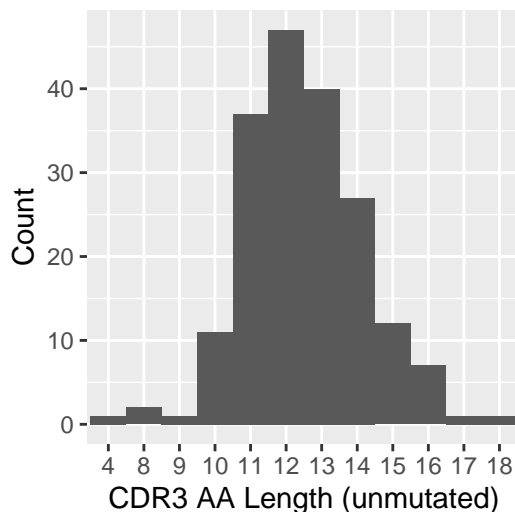
TRBV5-5*02_322TTGG325



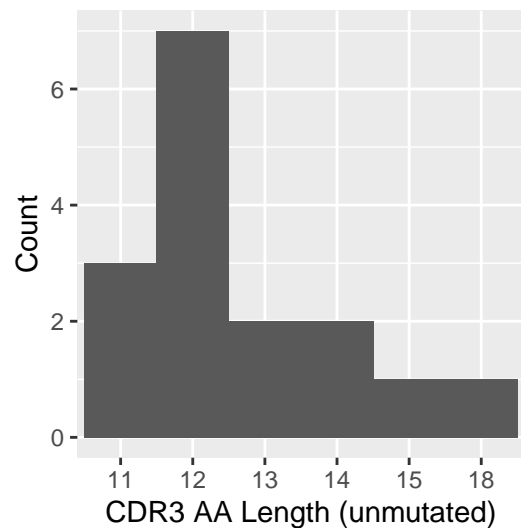
TRBV12-1*01_C165A



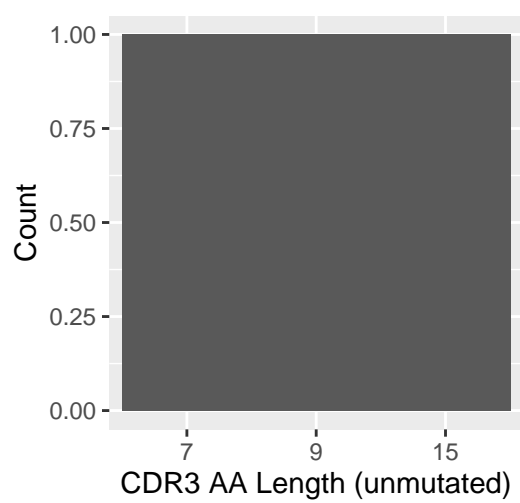
TRBV19*01_A24G



TRBV5-8*01_C56T_C276T



TRBV6-9*01_A303G



TRBV7-7*01_C315T

