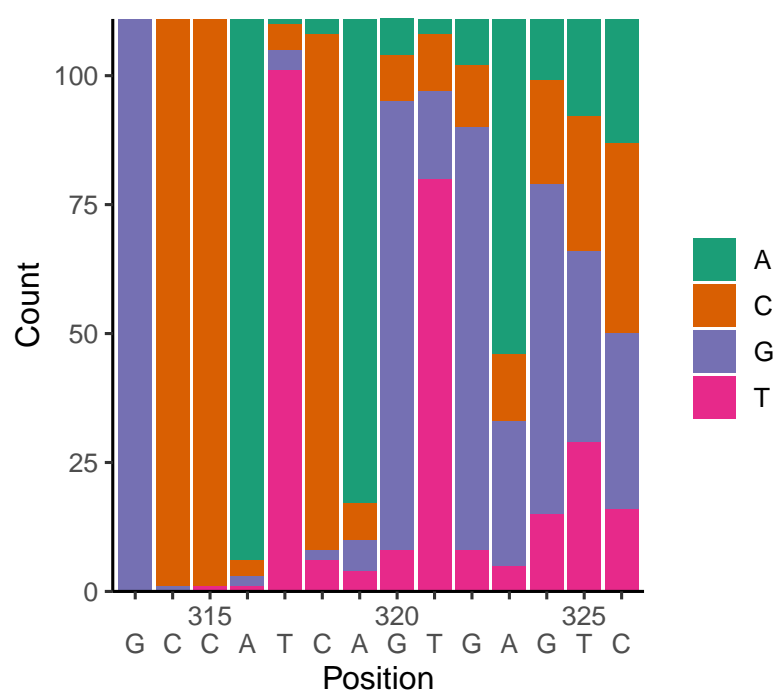
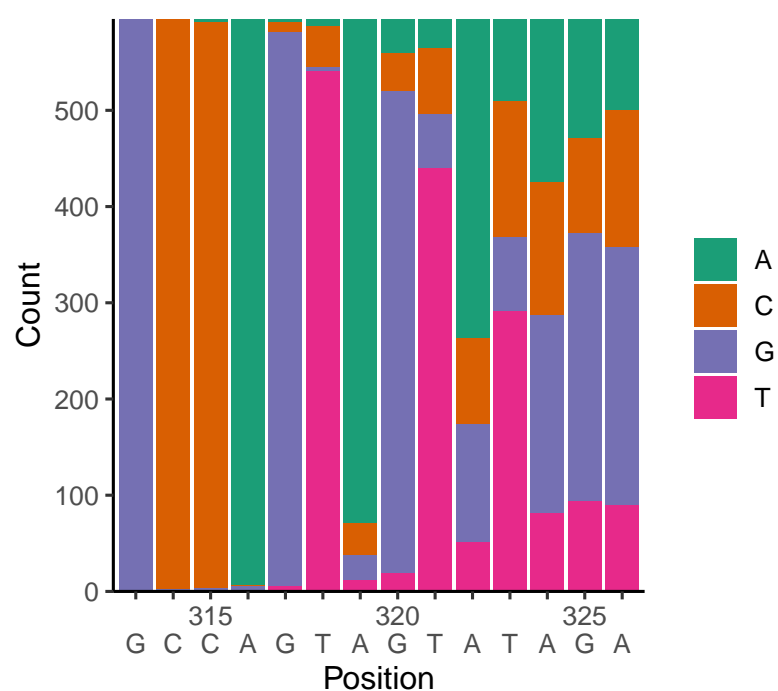


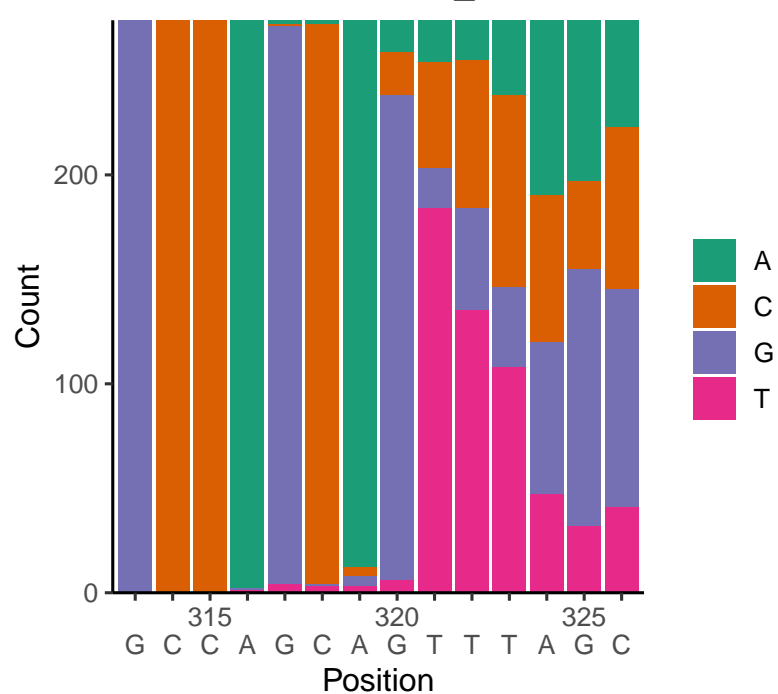
Gene TRBV10-3*03_313GCCATCAGTG/



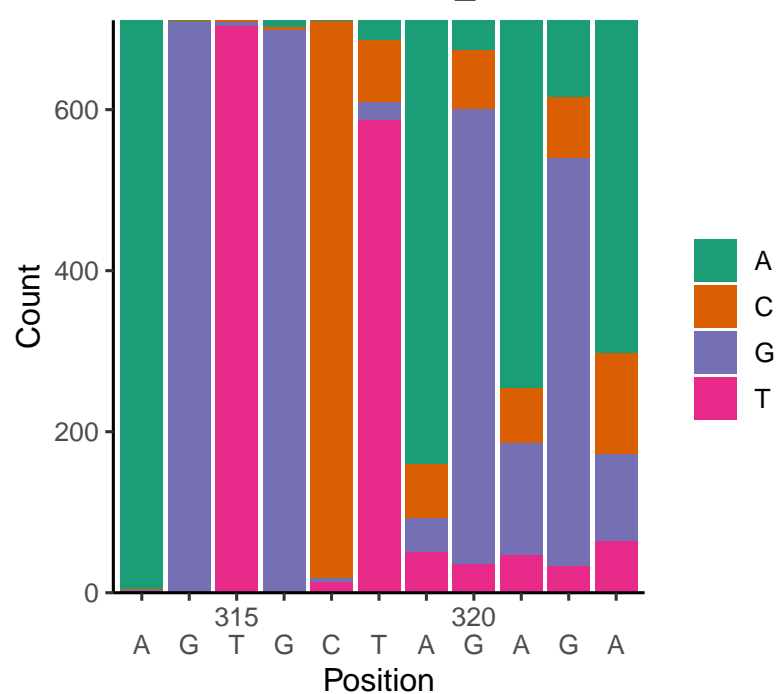
Gene TRBV19*01_A24G



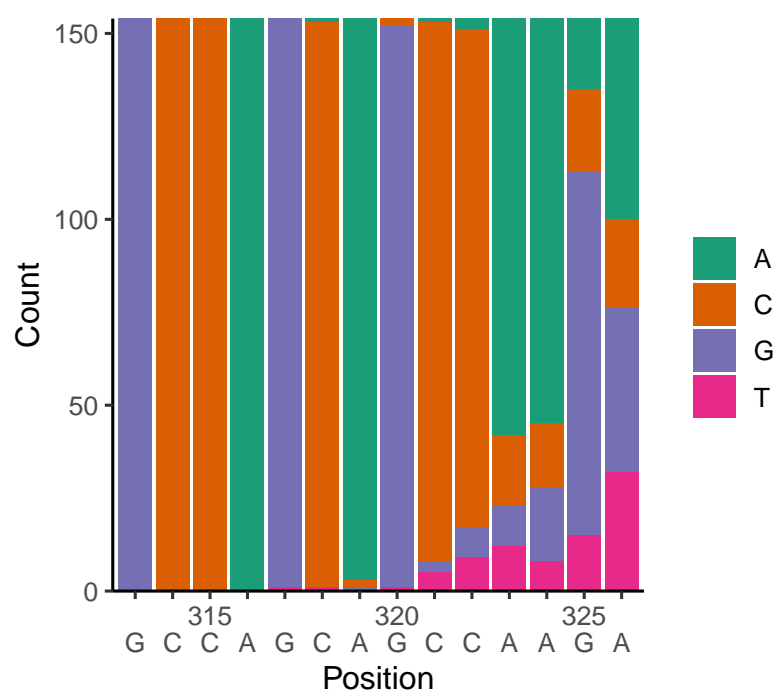
Gene TRBV12-4*01_C87T



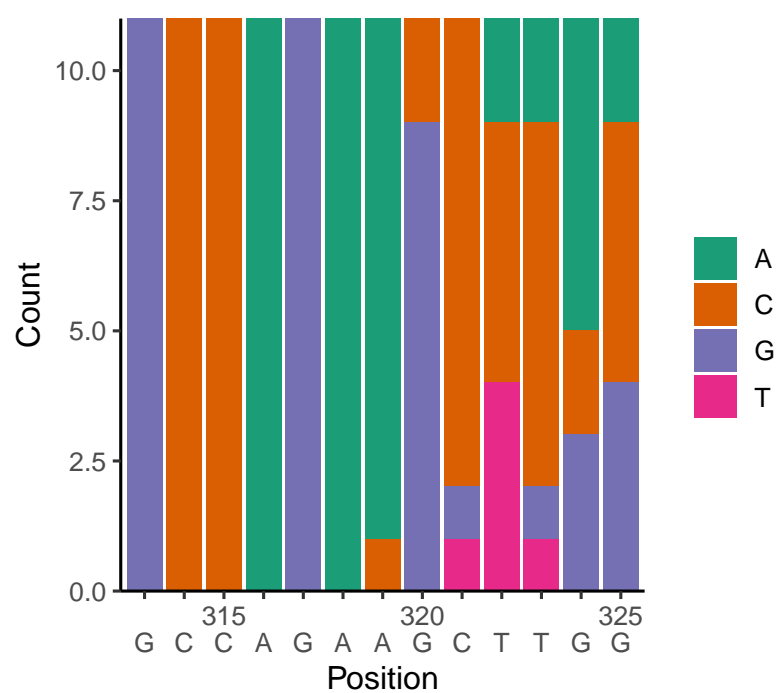
Gene TRBV20-1*02_319AGAGA323



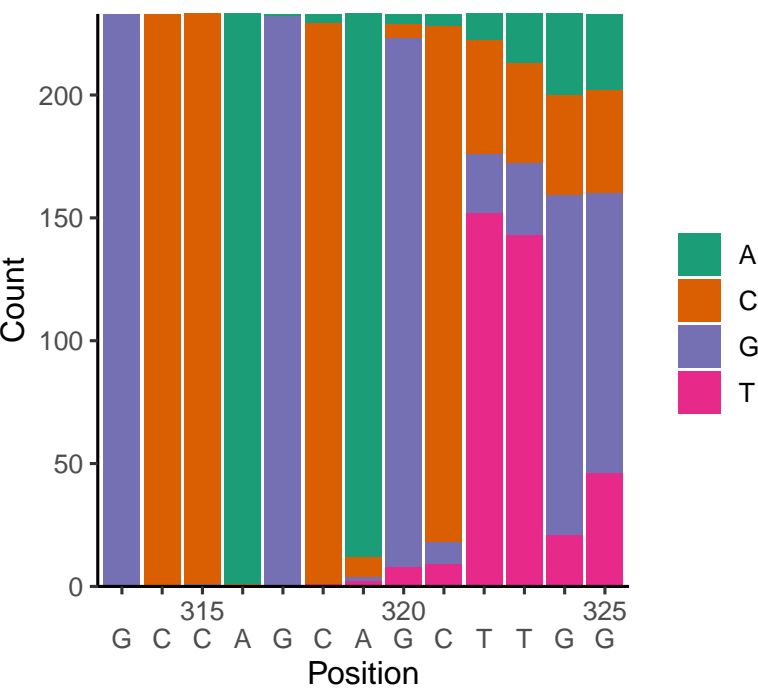
Gene TRBV14*02_322CAAGA326



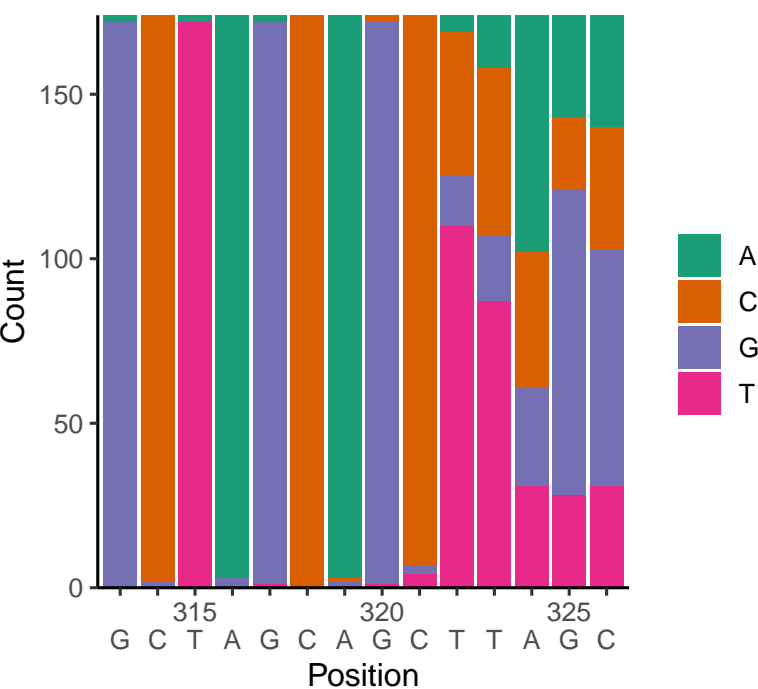
Gene TRBV5-3*01_G146T



Gene TRBV5-5*02_322TTGG325



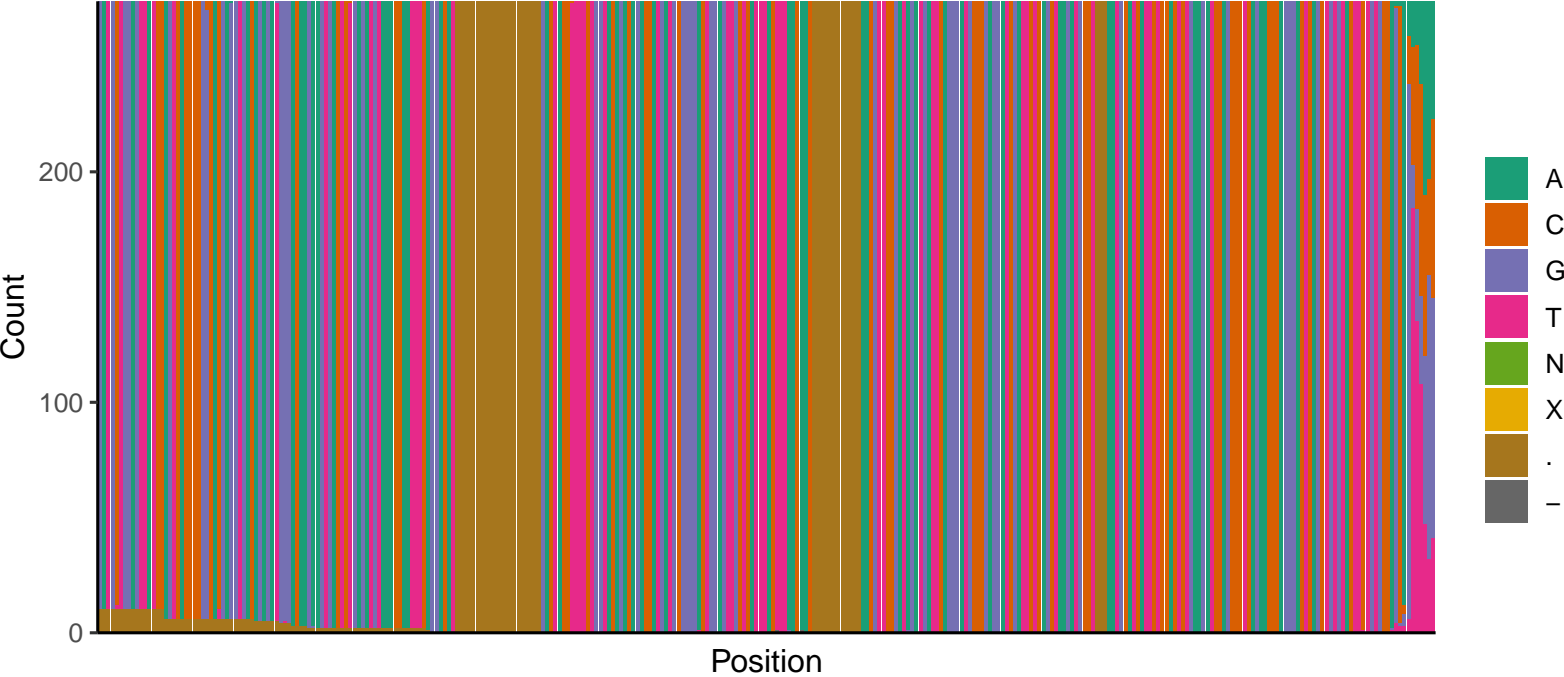
Gene TRBV7-7*01_C315T



Gene TRBV10-3*03_313GCCATCAGTGAGTC326



Gene TRBV12-4*01_C87T



Gene TRBV14*02_322CAAGA326



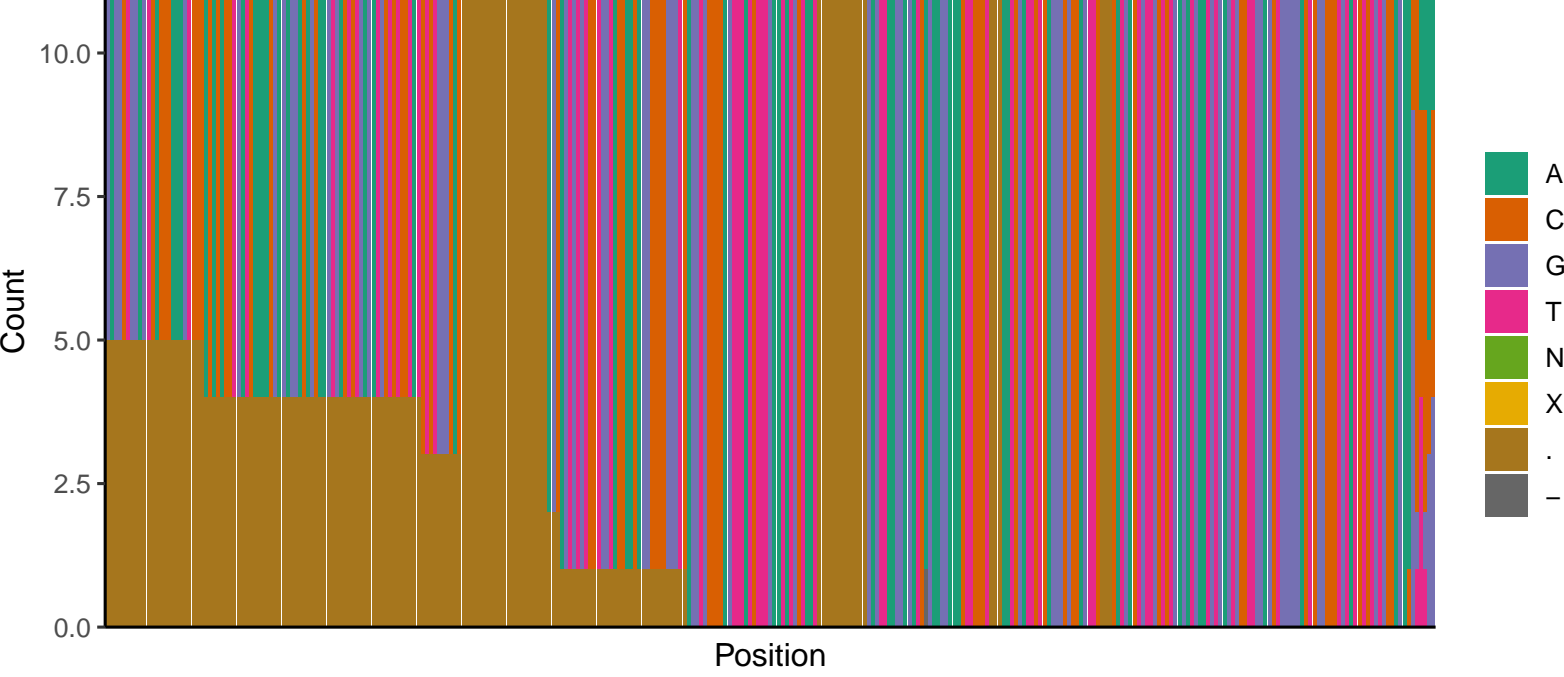
Gene TRBV19*01_A24G



Gene TRBV20-1*02_319AGAGA323



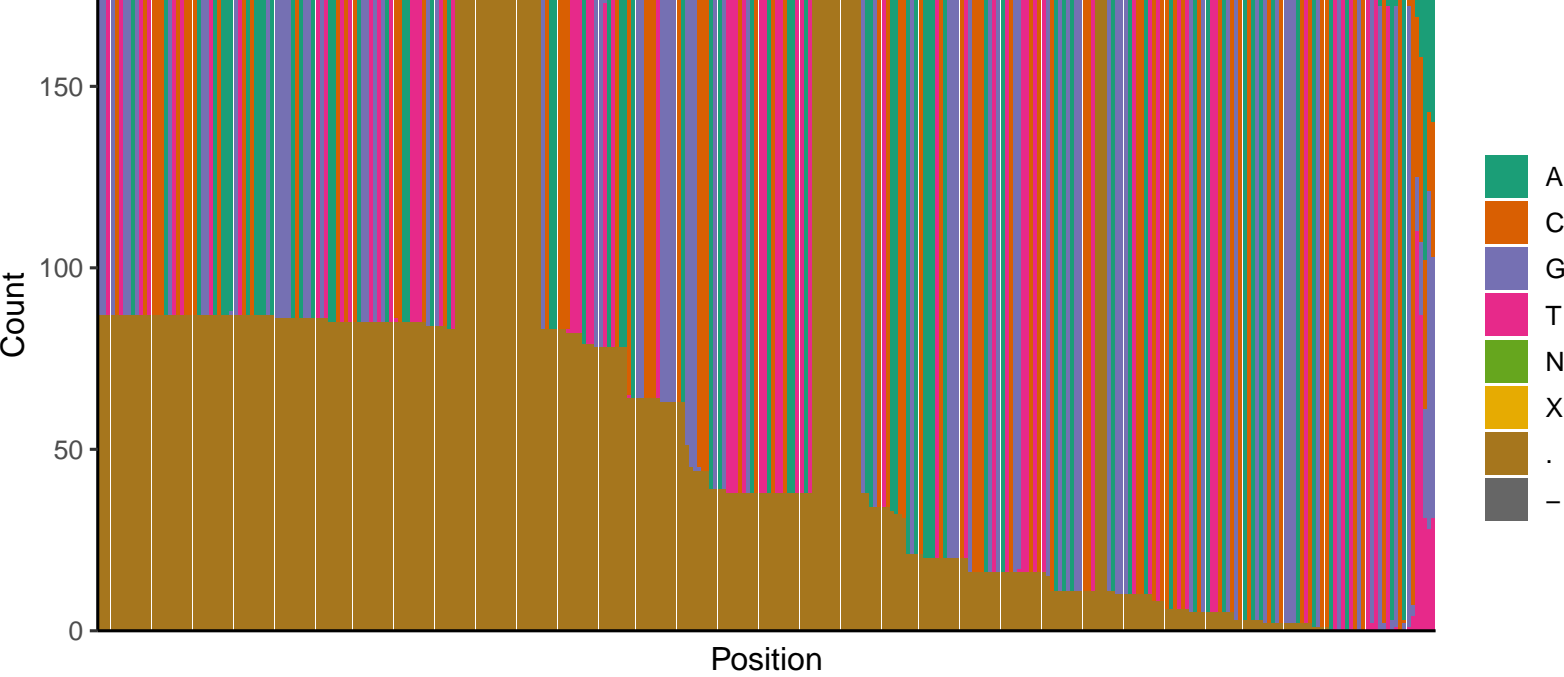
Gene TRBV5-3*01_G146T



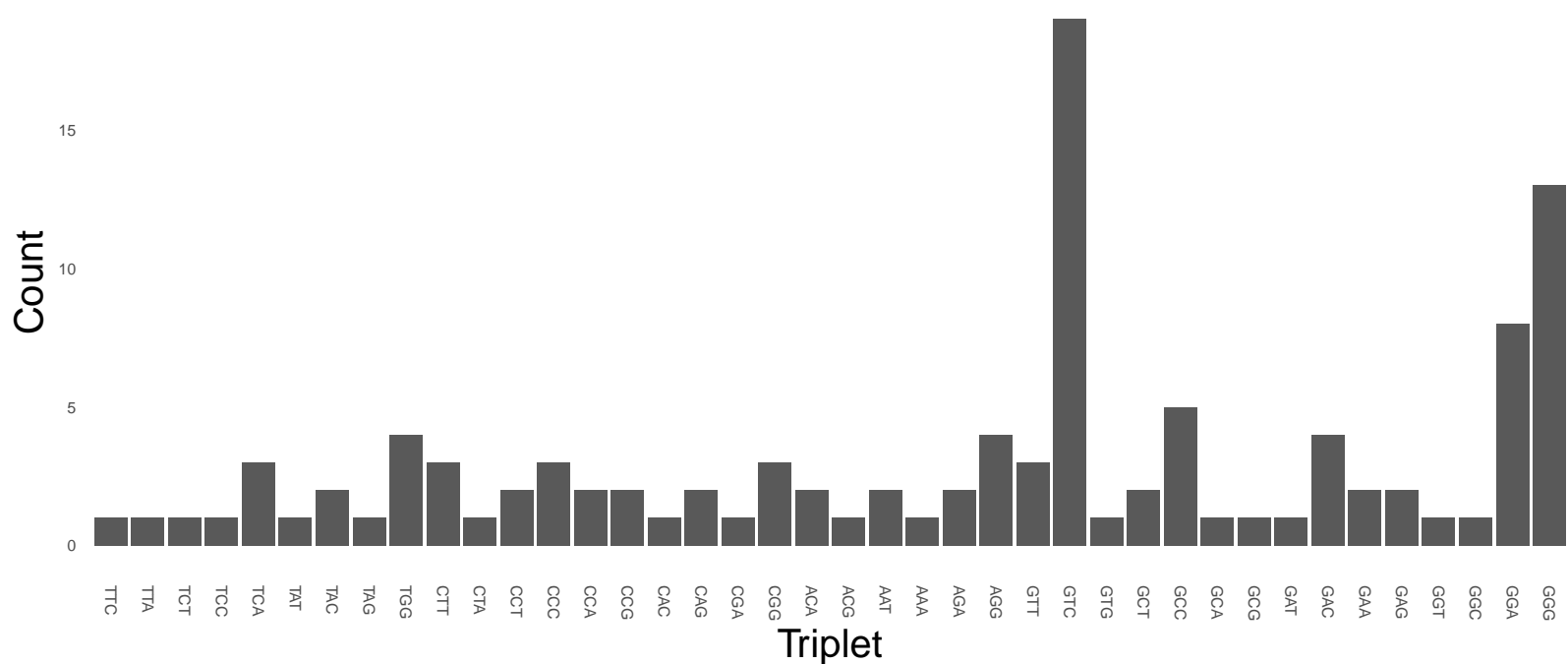
Gene TRBV5-5*02_322TTGG325



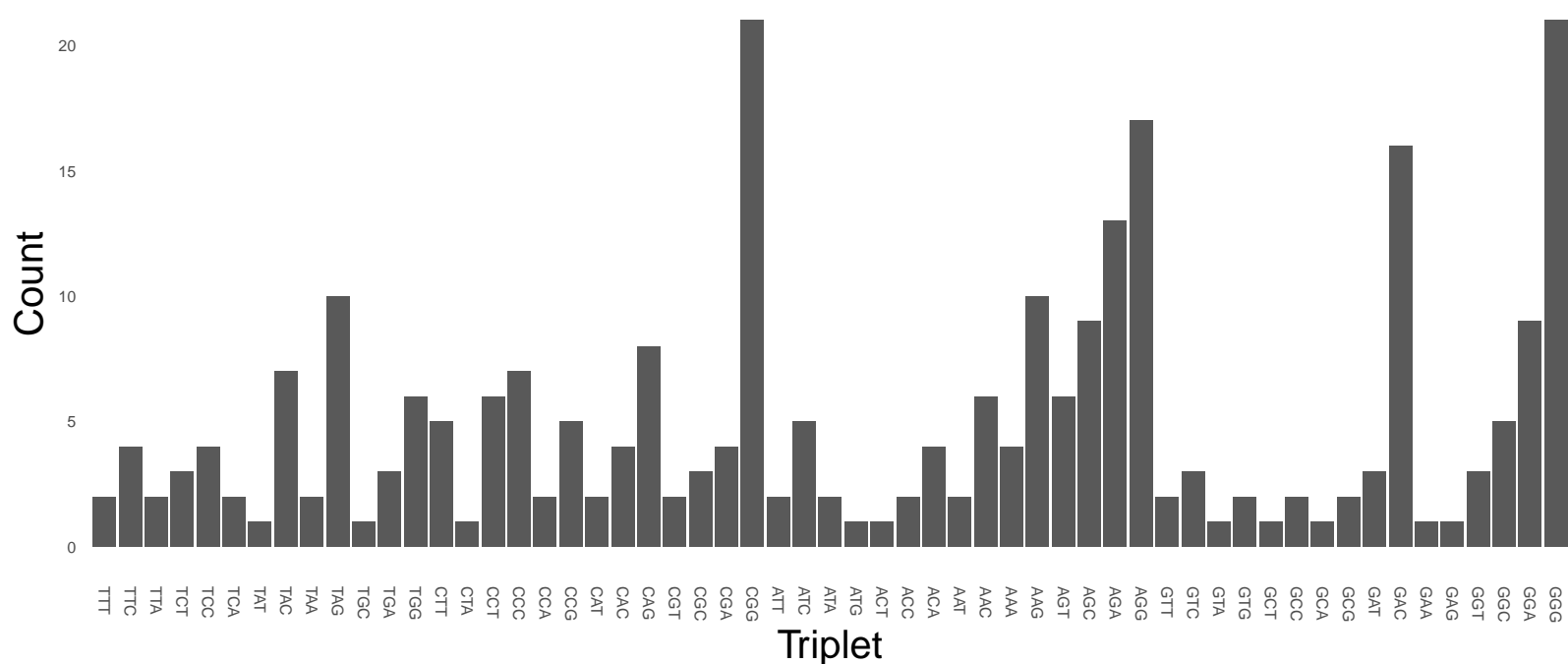
Gene TRBV7-7*01_C315T



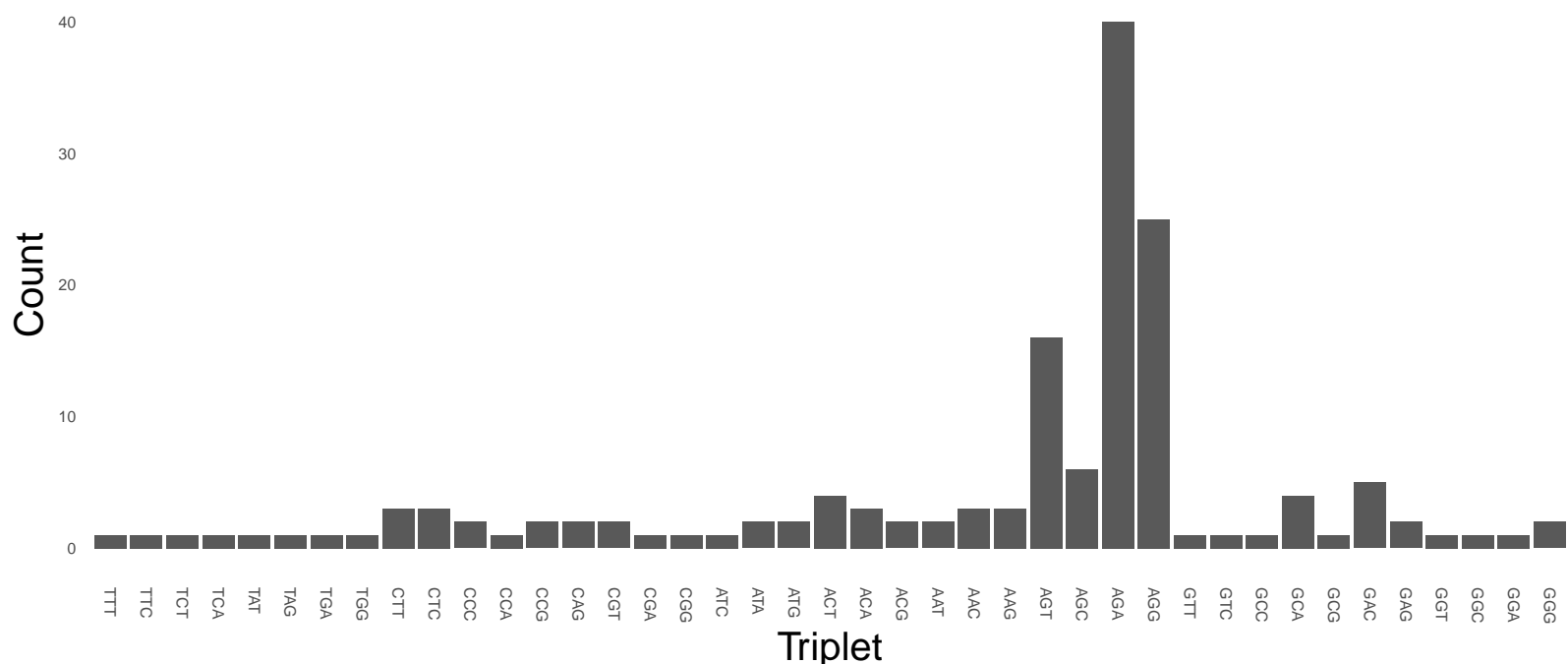
TRBV10–3*03_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



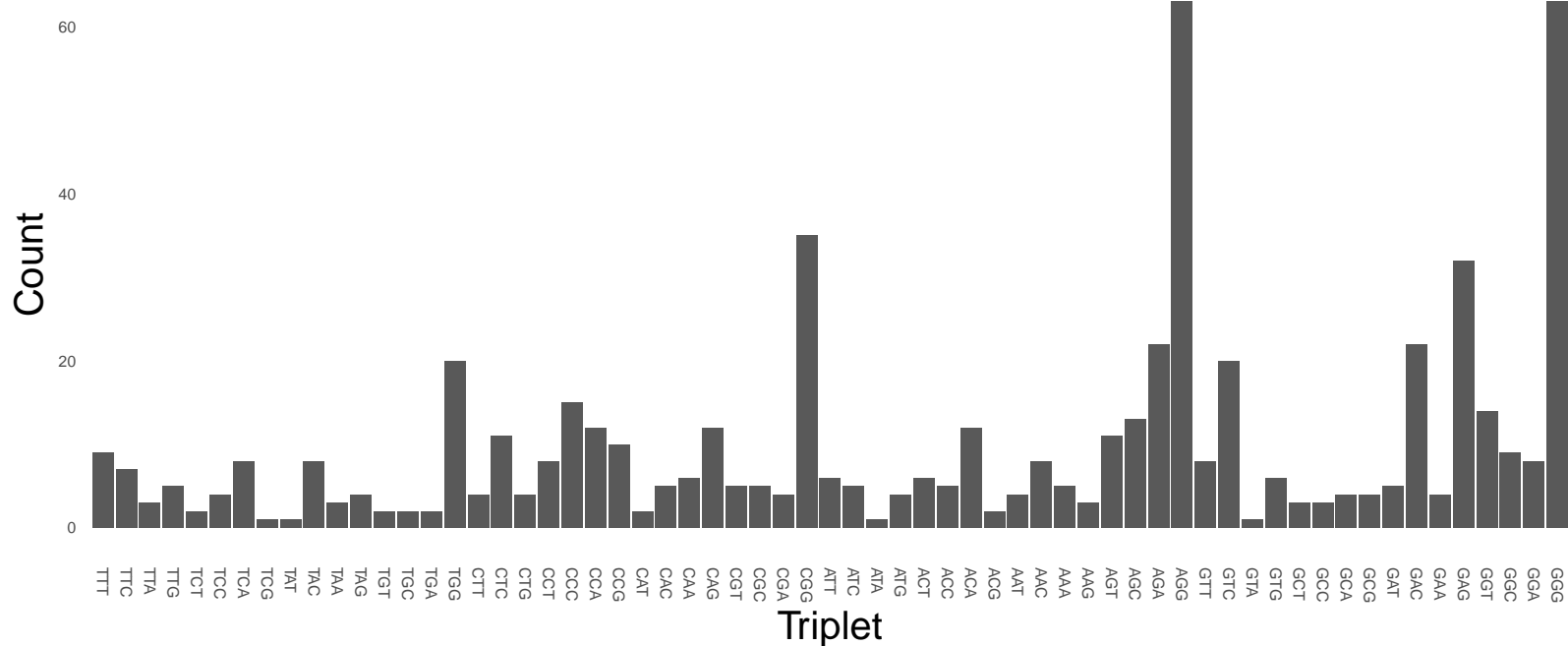
TRBV12–4*01_C87T– Final 3 nucleotides as a triplet



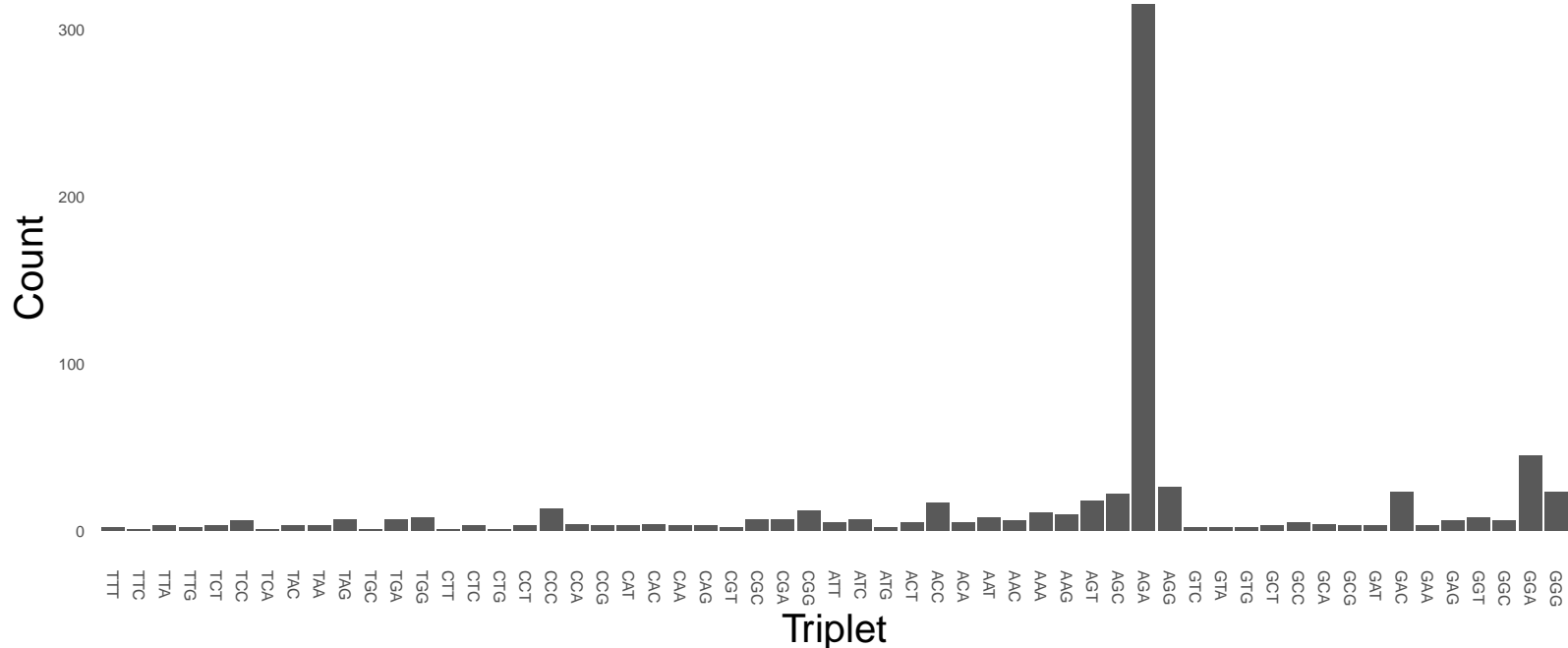
TRBV14*02_322CAAGA326– Final 3 nucleotides as a triplet



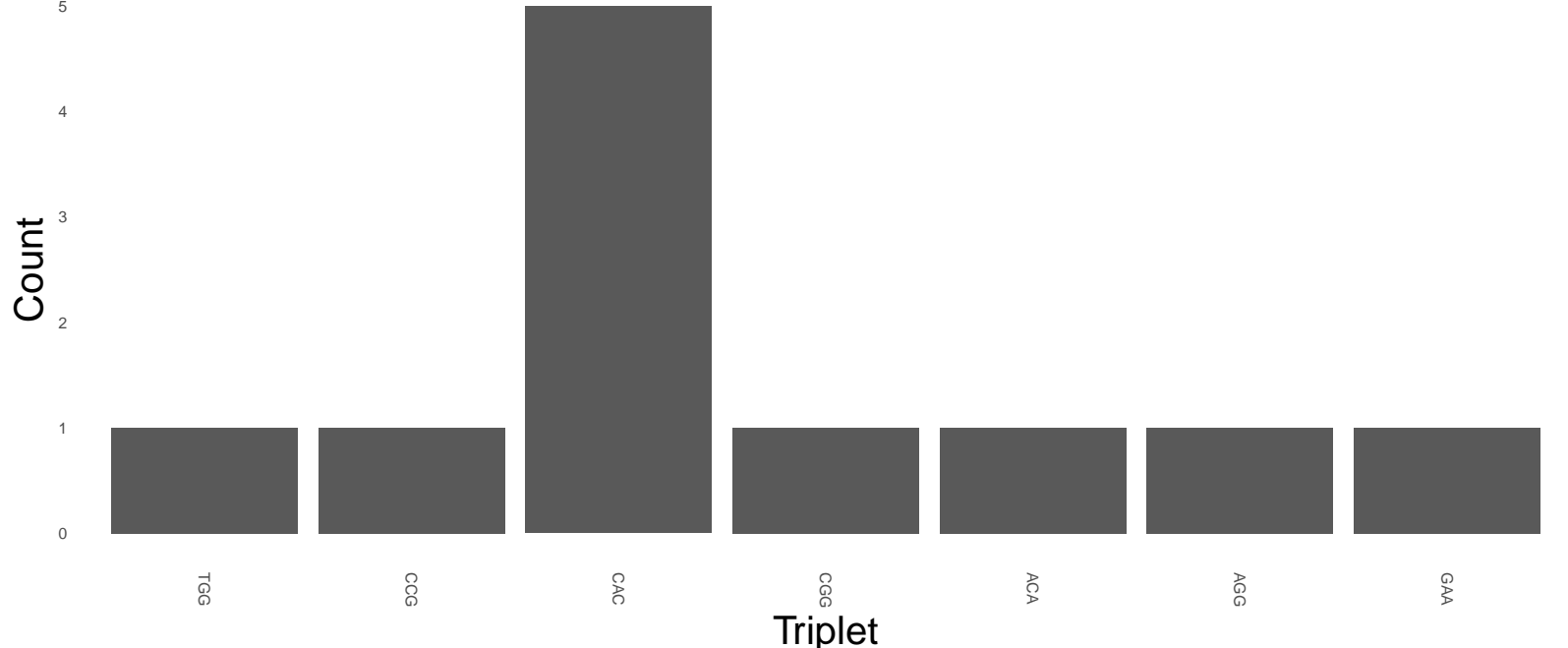
TRBV19*01_A24G– Final 3 nucleotides as a triplet



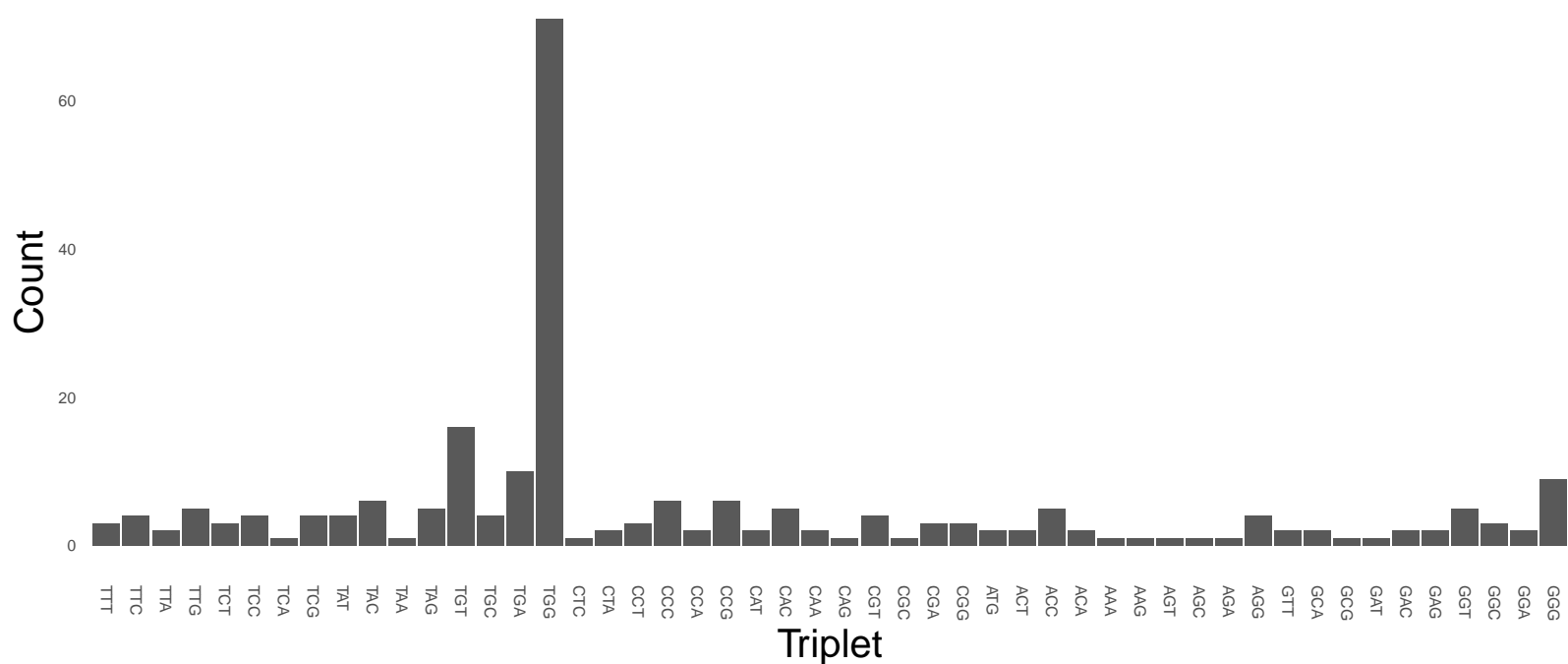
TRBV20–1*02_319AGAGA323– Final 3 nucleotides as a triplet



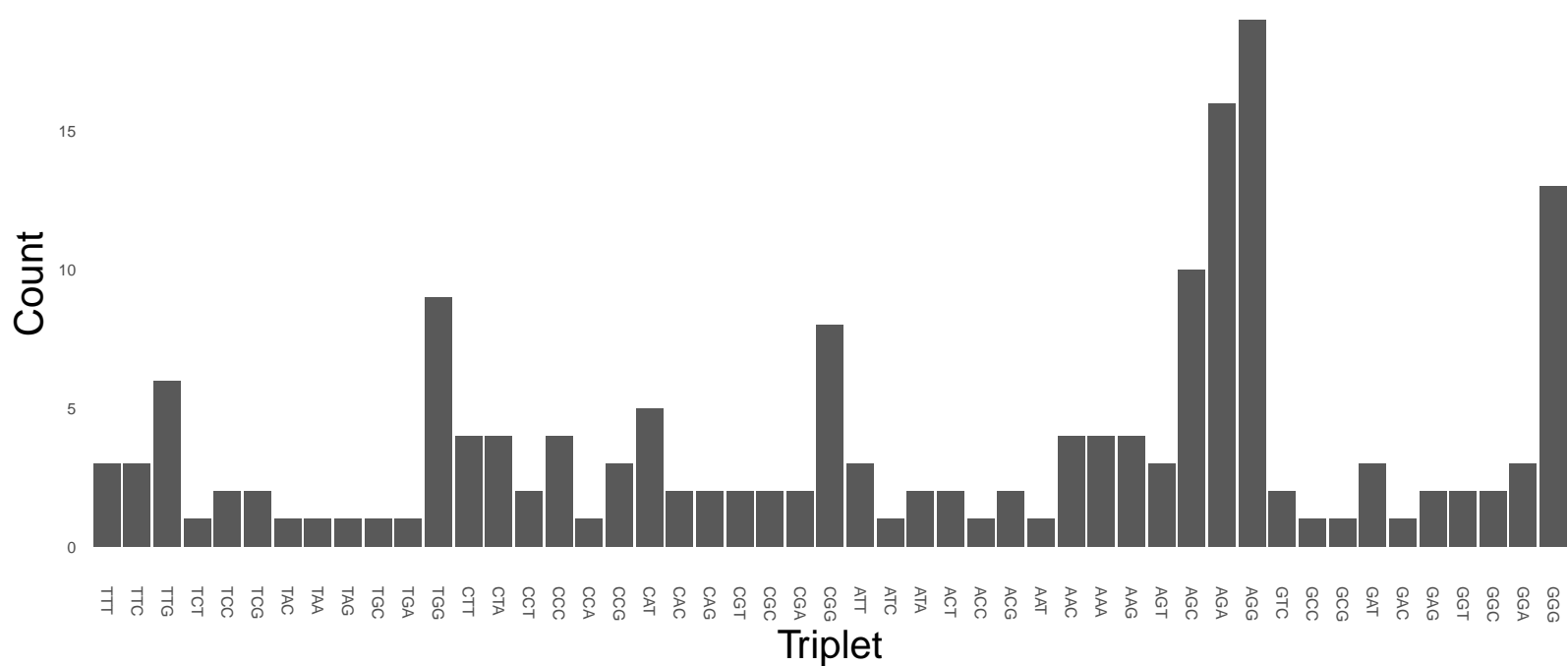
TRBV5–3*01_G146T– Final 3 nucleotides as a triplet



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

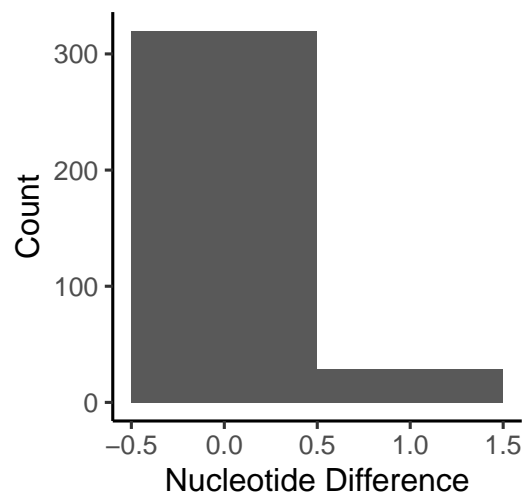


TRBV7-7*01_C315T- Final 3 nucleotides as a triplet



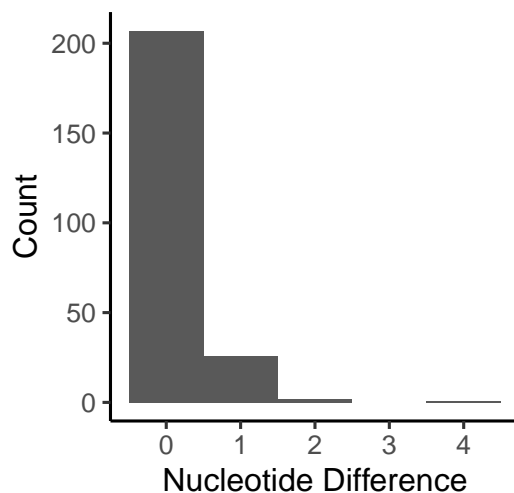
TRBV10–1*01

349 sequences assigned
320 (91.7%) exact matches, in which:
251 unique CDR3
15 unique J



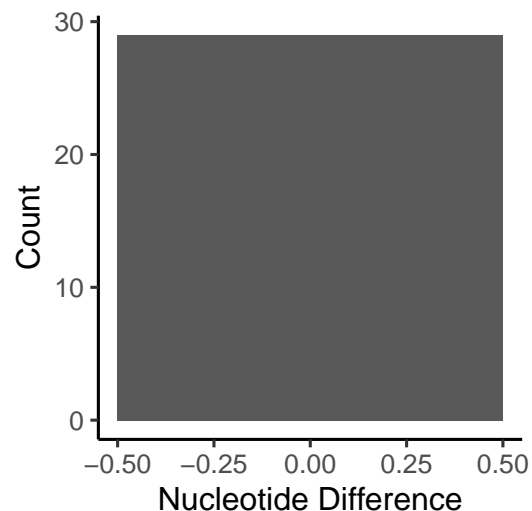
TRBV10–2*01

236 sequences assigned
207 (87.7%) exact matches, in which:
160 unique CDR3
15 unique J



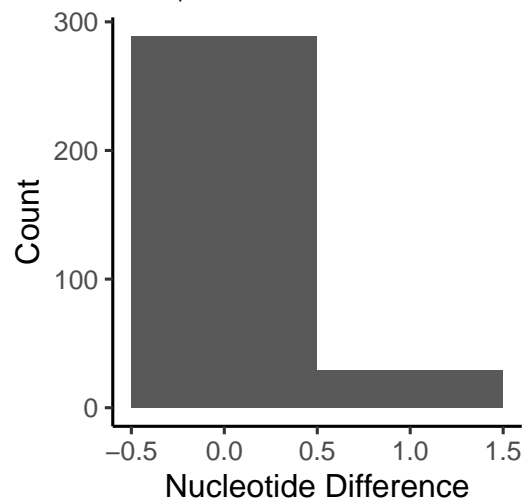
TRBV1*01

29 sequences assigned
29 (100%) exact matches, in which:
29 unique CDR3
11 unique J



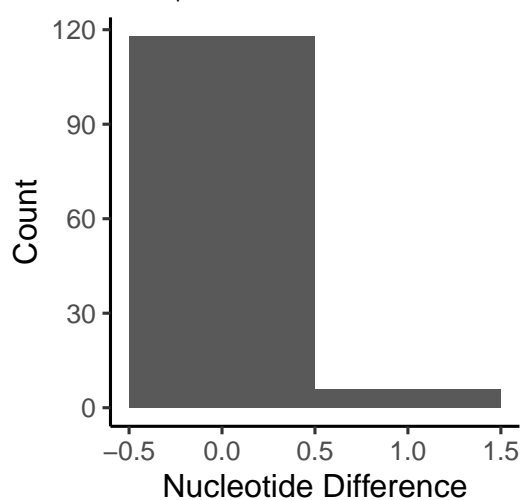
TRBV20–1*05

318 sequences assigned
289 (90.9%) exact matches, in which:
281 unique CDR3
15 unique J



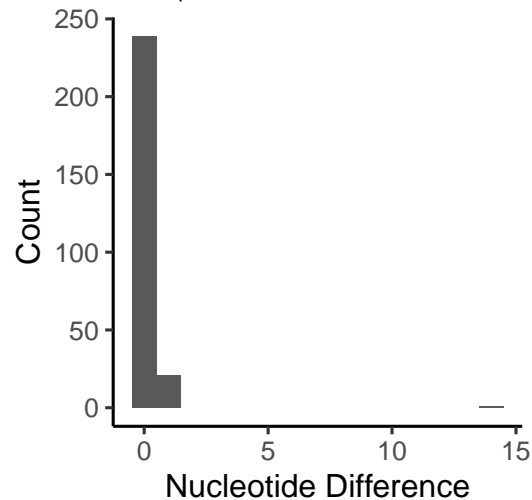
TRBV10–3*01

124 sequences assigned
118 (95.2%) exact matches, in which:
112 unique CDR3
13 unique J



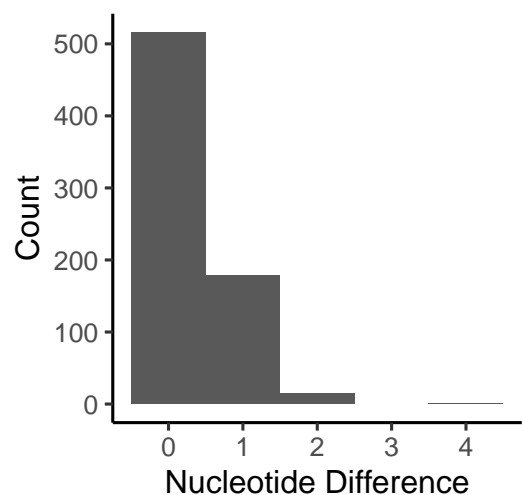
TRBV13*01

261 sequences assigned
239 (91.6%) exact matches, in which:
230 unique CDR3
15 unique J



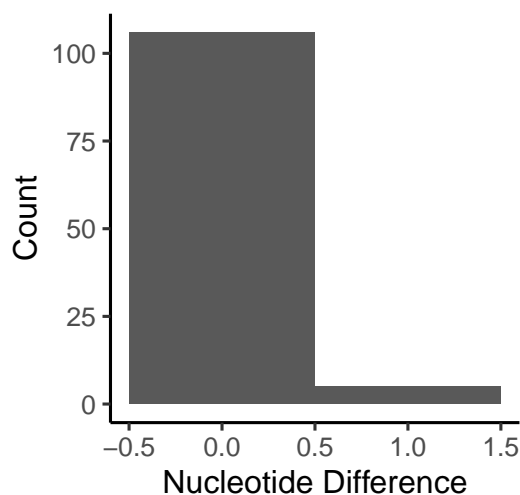
TRBV20–1*02_319AGAG

711 sequences assigned
516 (72.6%) exact matches, in which:
461 unique CDR3
15 unique J



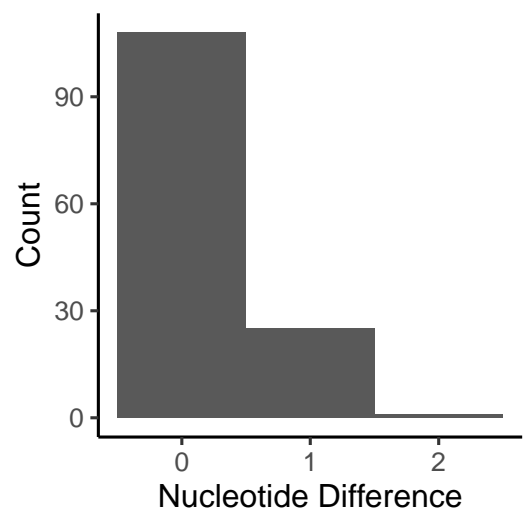
TRBV10–3*03_313GCCA

111 sequences assigned
106 (95.5%) exact matches, in which:
103 unique CDR3
13 unique J



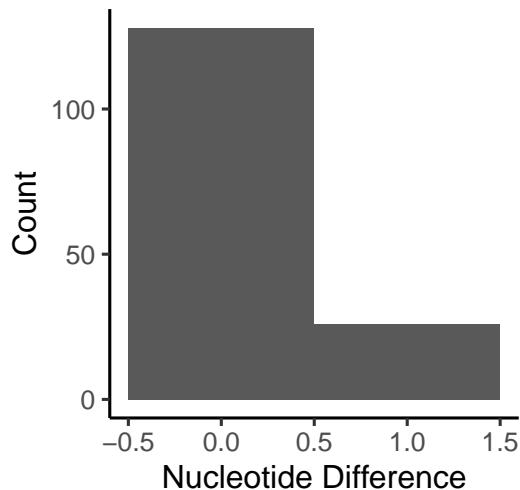
TRBV14*01

134 sequences assigned
108 (80.6%) exact matches, in which:
104 unique CDR3
13 unique J



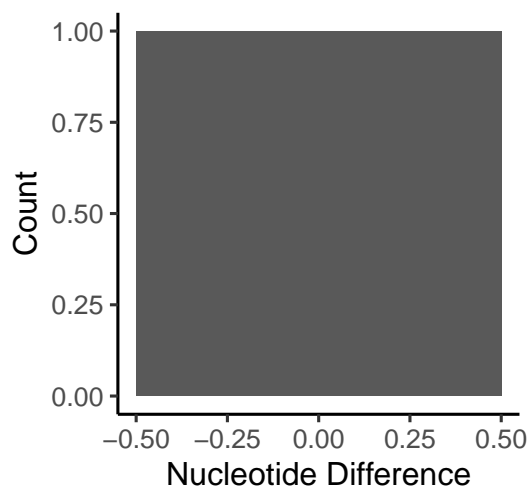
TRBV14*02_322CAAGA3

154 sequences assigned
128 (83.1%) exact matches, in which:
112 unique CDR3
11 unique J



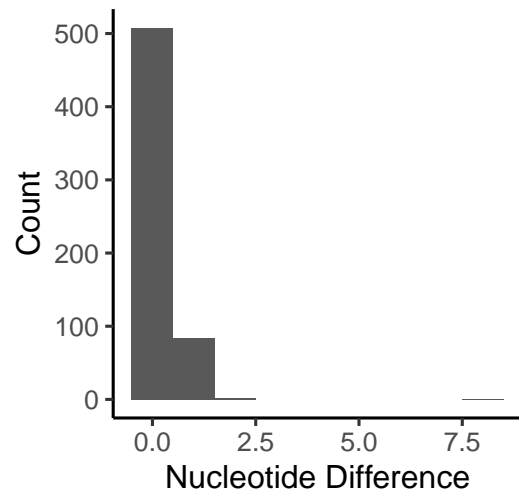
TRBV17*01

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



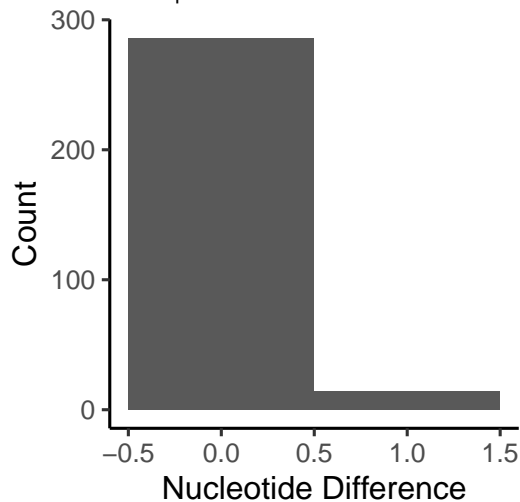
TRBV19*01_A24G

595 sequences assigned
508 (85.4%) exact matches, in which:
496 unique CDR3
14 unique J



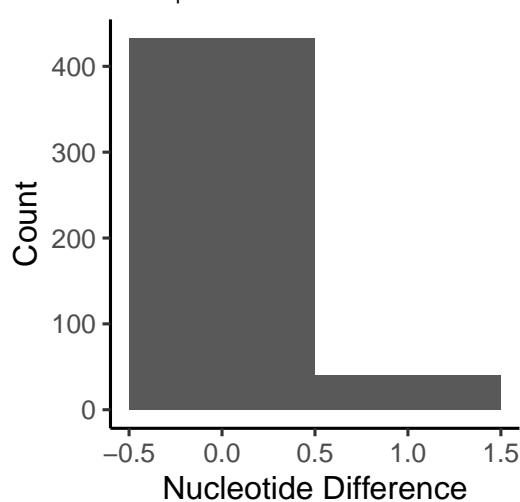
TRBV15*02

300 sequences assigned
286 (95.3%) exact matches, in which:
261 unique CDR3
15 unique J



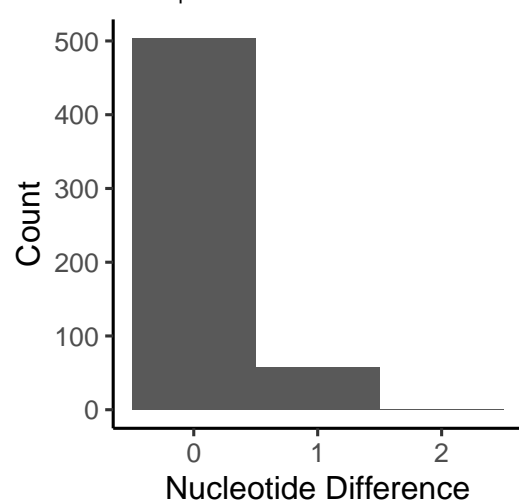
TRBV18*01

473 sequences assigned
433 (91.5%) exact matches, in which:
302 unique CDR3
15 unique J



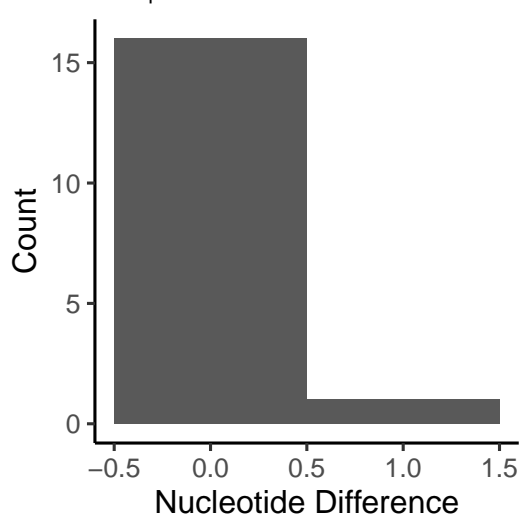
TRBV2*01

562 sequences assigned
504 (89.7%) exact matches, in which:
443 unique CDR3
14 unique J



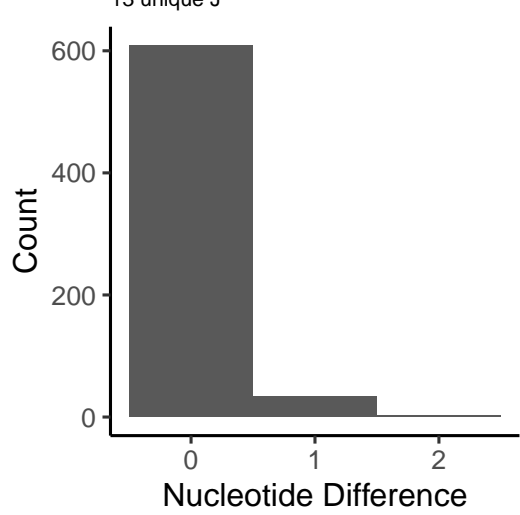
TRBV16*01

18 sequences assigned
16 (88.9%) exact matches, in which:
15 unique CDR3
9 unique J



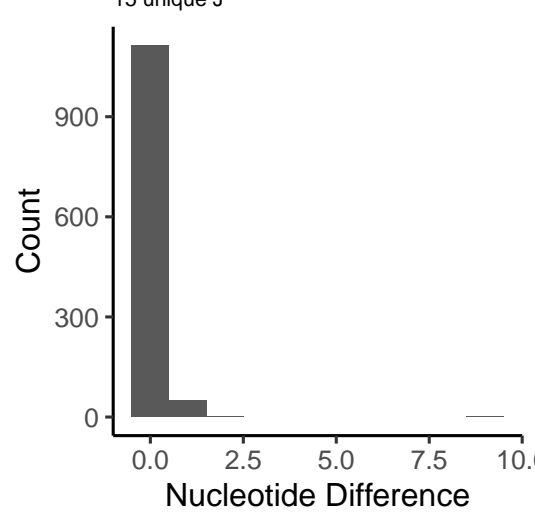
TRBV19*01

644 sequences assigned
609 (94.6%) exact matches, in which:
605 unique CDR3
13 unique J



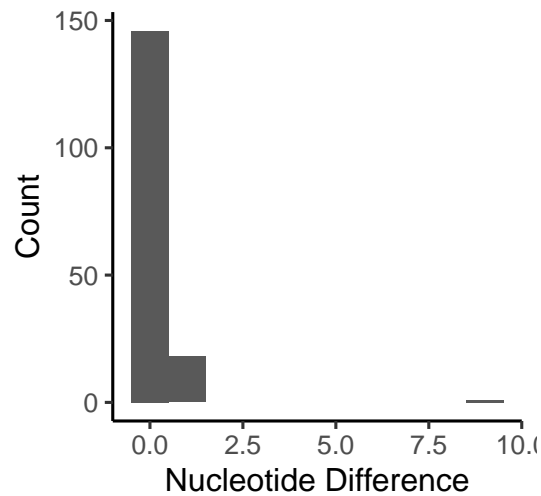
TRBV27*01

1166 sequences assigned
1114 (95.5%) exact matches, in which:
1084 unique CDR3
15 unique J



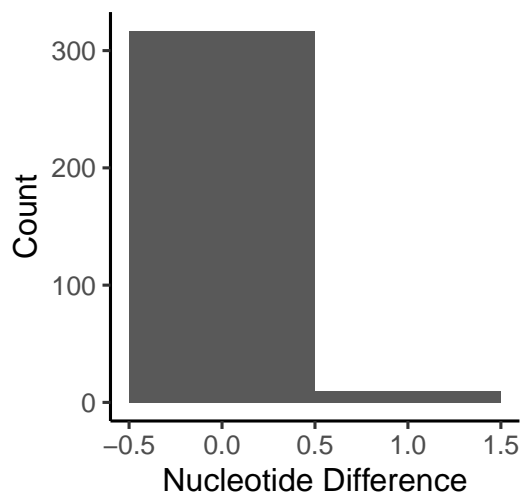
TRBV28*01

165 sequences assigned
146 (88.5%) exact matches, in which:
134 unique CDR3
15 unique J



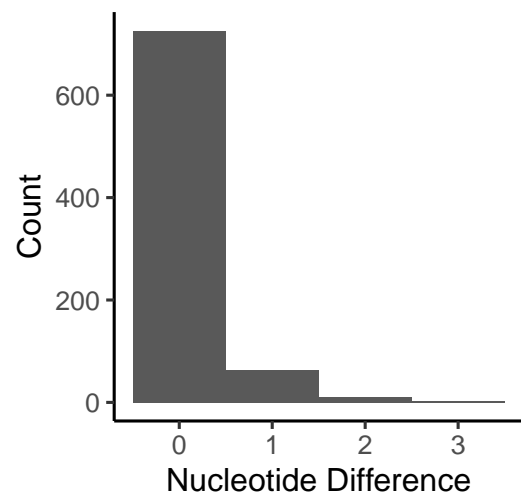
TRBV21-1*01

327 sequences assigned
317 (96.9%) exact matches, in which:
279 unique CDR3
13 unique J



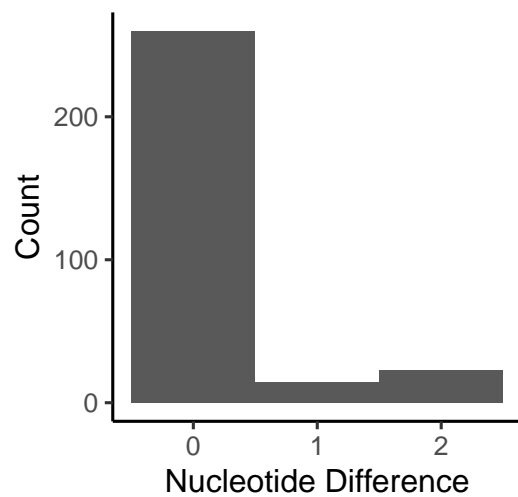
TRBV11-2*01

802 sequences assigned
726 (90.5%) exact matches, in which:
599 unique CDR3
15 unique J



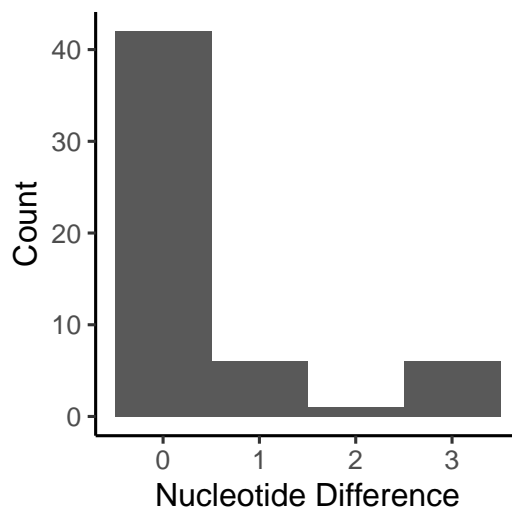
TRBV30*02

298 sequences assigned
260 (87.2%) exact matches, in which:
232 unique CDR3
14 unique J



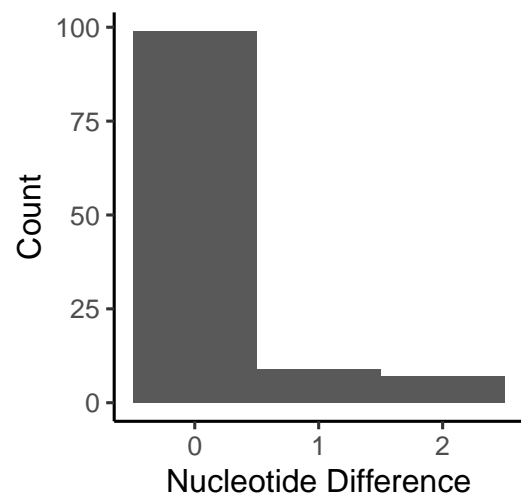
TRBV11-1*01

55 sequences assigned
42 (76.4%) exact matches, in which:
40 unique CDR3
11 unique J



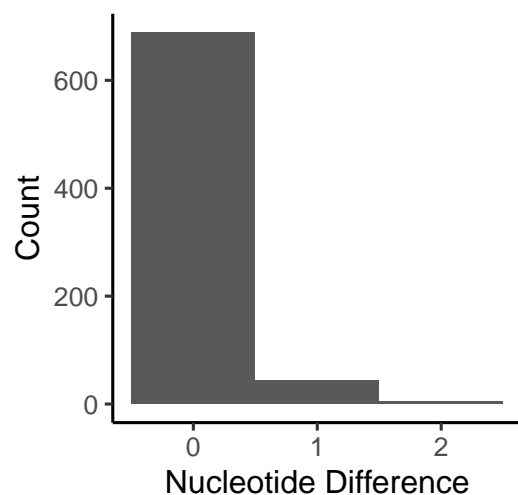
TRBV11-3*01

115 sequences assigned
99 (86.1%) exact matches, in which:
83 unique CDR3
12 unique J



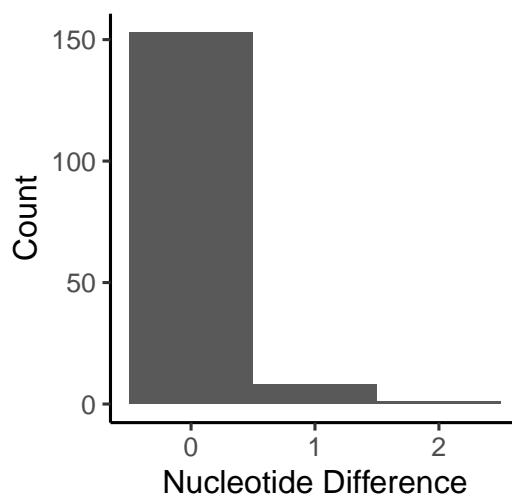
TRBV9*01

737 sequences assigned
689 (93.5%) exact matches, in which:
678 unique CDR3
15 unique J



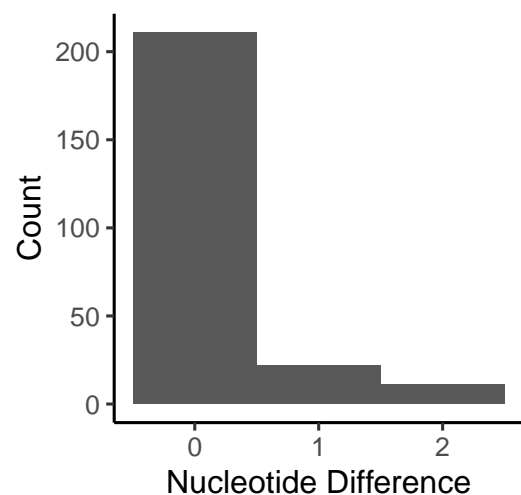
TRBV21-1*02

162 sequences assigned
153 (94.4%) exact matches, in which:
143 unique CDR3
13 unique J



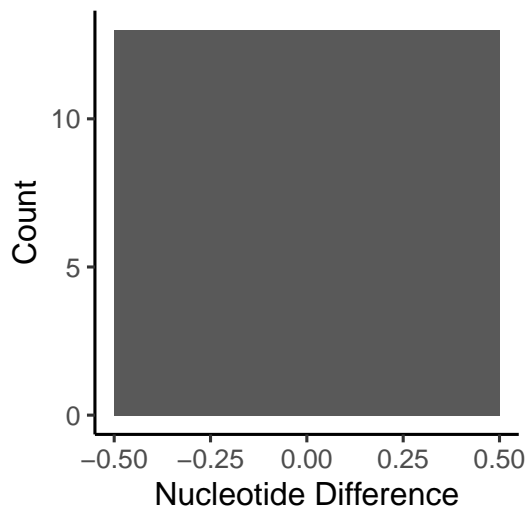
TRBV11-3*04

244 sequences assigned
211 (86.5%) exact matches, in which:
201 unique CDR3
14 unique J



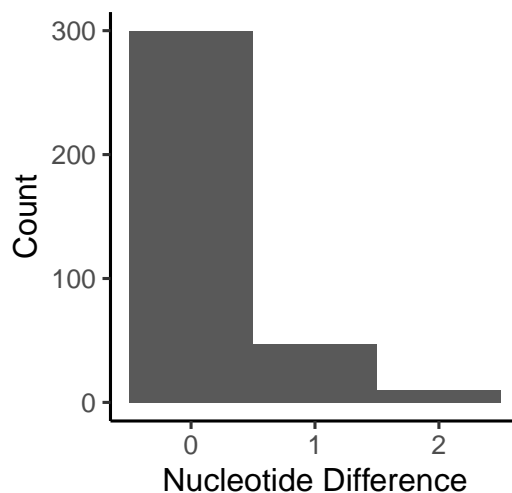
TRBV12-1*01

13 sequences assigned
13 (100%) exact matches, in which:
13 unique CDR3
8 unique J



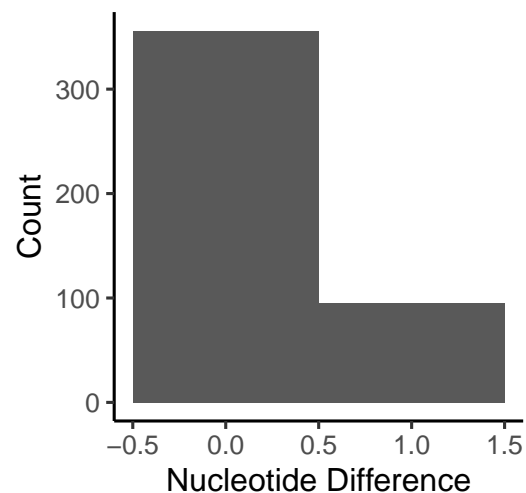
TRBV12-4*01

357 sequences assigned
300 (84%) exact matches, in which:
281 unique CDR3
13 unique J



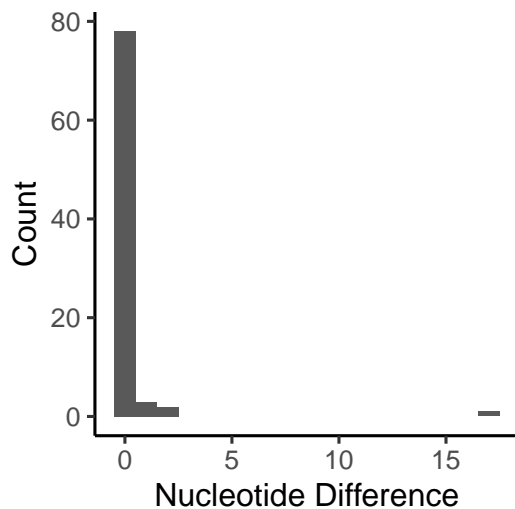
TRBV3-1*01

451 sequences assigned
356 (78.9%) exact matches, in which:
310 unique CDR3
15 unique J



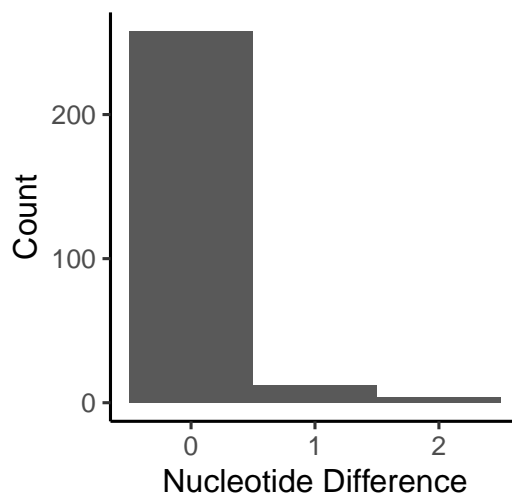
TRBV12-2*01

84 sequences assigned
78 (92.9%) exact matches, in which:
47 unique CDR3
12 unique J



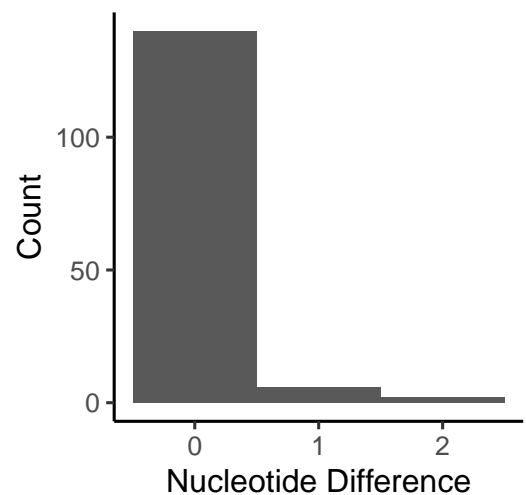
TRBV12-4*01_C87T

274 sequences assigned
258 (94.2%) exact matches, in which:
254 unique CDR3
13 unique J



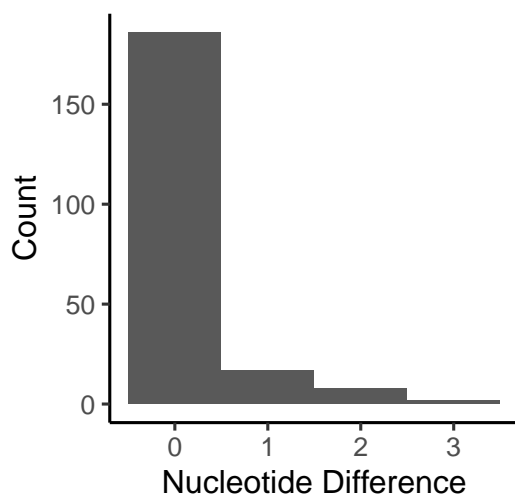
TRBV23-1*01

148 sequences assigned
140 (94.6%) exact matches, in which:
137 unique CDR3
15 unique J



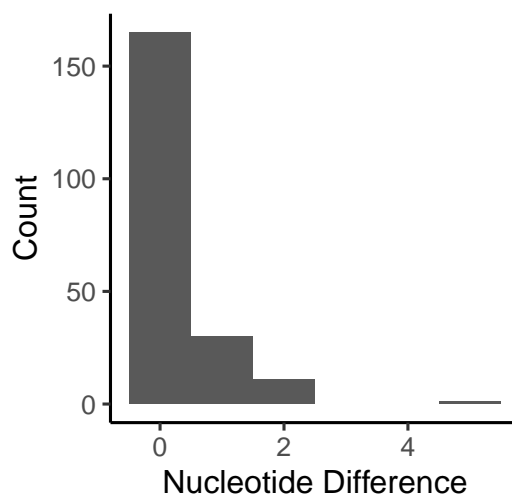
TRBV12-3*01

213 sequences assigned
186 (87.3%) exact matches, in which:
184 unique CDR3
14 unique J



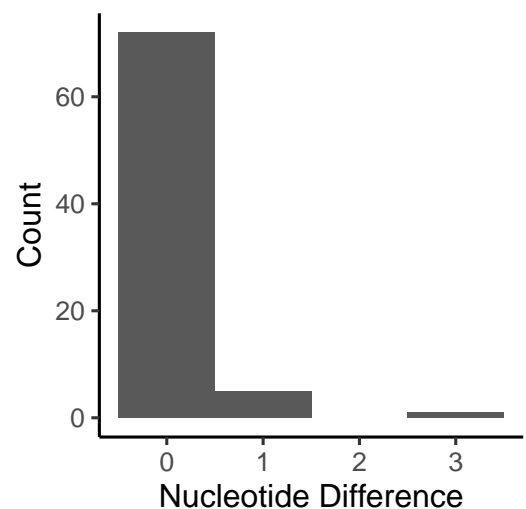
TRBV12-5*01

207 sequences assigned
165 (79.7%) exact matches, in which:
128 unique CDR3
14 unique J



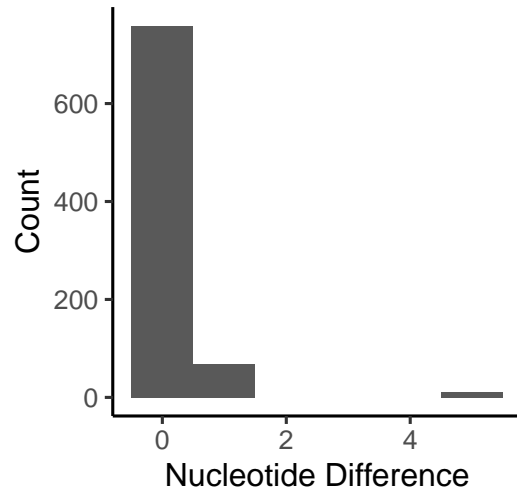
TRBV3-2*01

79 sequences assigned
72 (91.1%) exact matches, in which:
71 unique CDR3
12 unique J



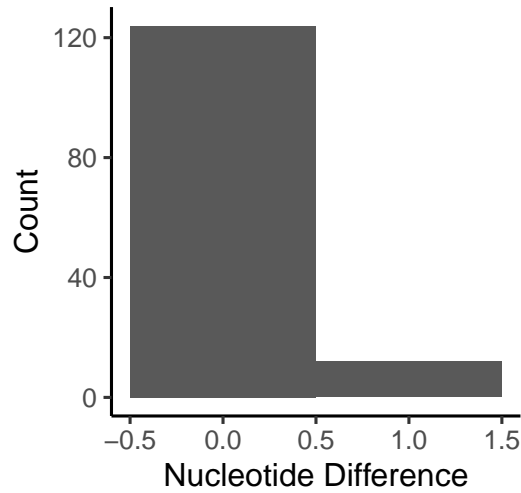
TRBV4-1*01

838 sequences assigned
759 (90.6%) exact matches, in which:
721 unique CDR3
15 unique J



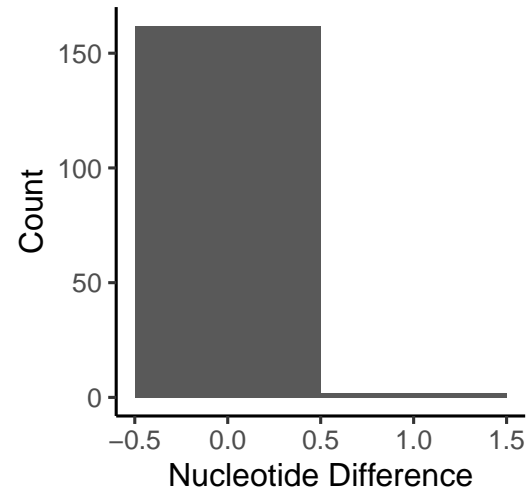
TRBV4-2*01

136 sequences assigned
124 (91.2%) exact matches, in which:
113 unique CDR3
13 unique J



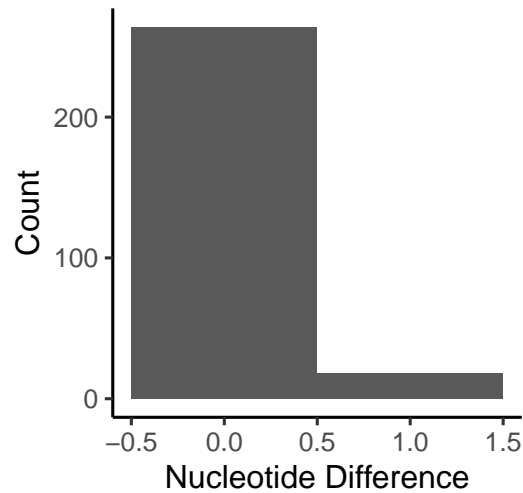
TRBV25-1*01

164 sequences assigned
162 (98.8%) exact matches, in which:
159 unique CDR3
15 unique J



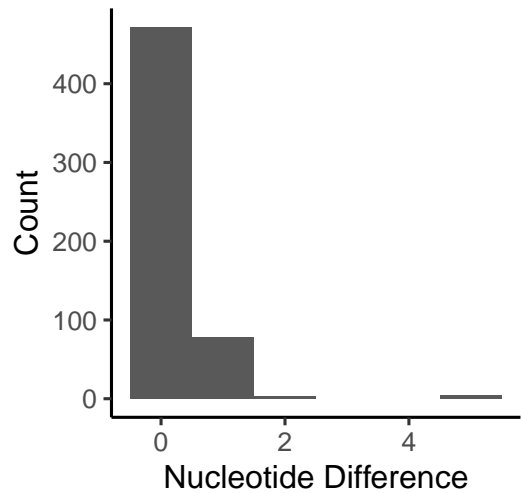
TRBV24-1*01

282 sequences assigned
264 (93.6%) exact matches, in which:
262 unique CDR3
13 unique J



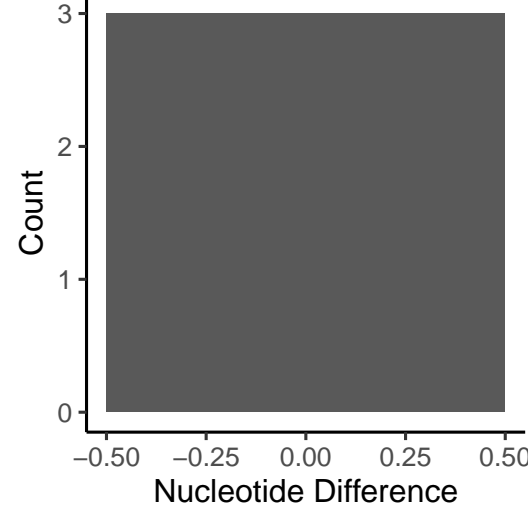
TRBV4-3*01

558 sequences assigned
472 (84.6%) exact matches, in which:
338 unique CDR3
15 unique J



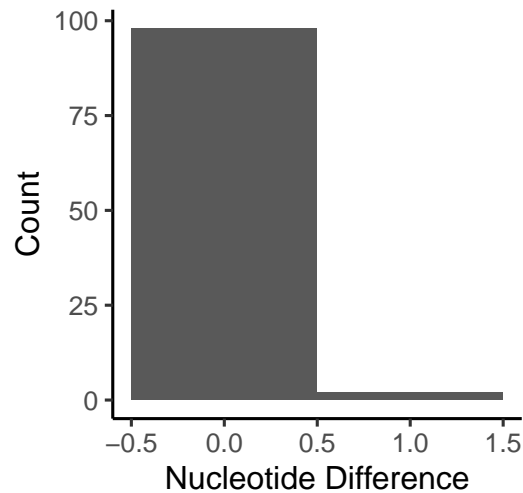
TRBV5-3*01

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



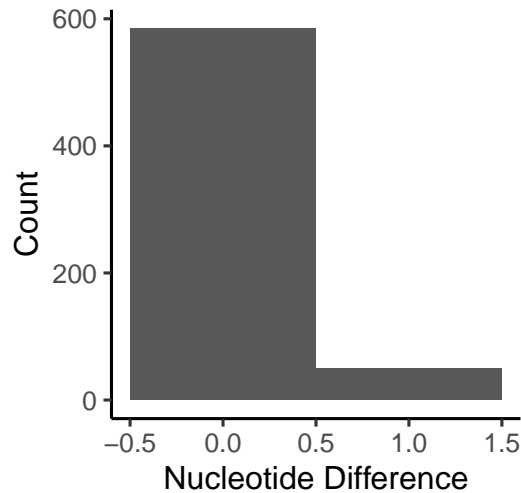
TRBV24-1*02

100 sequences assigned
98 (98%) exact matches, in which:
97 unique CDR3
11 unique J



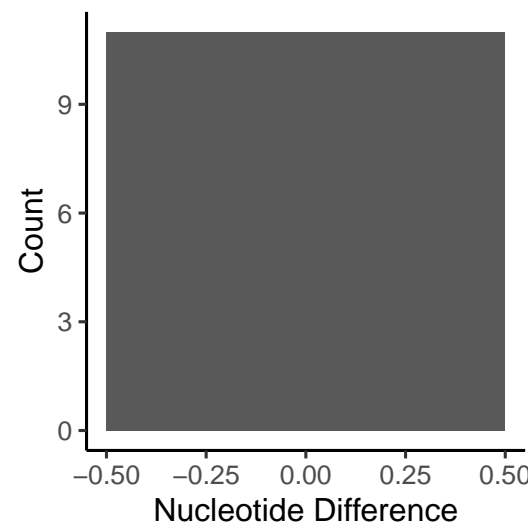
TRBV5-1*01

635 sequences assigned
585 (92.1%) exact matches, in which:
573 unique CDR3
15 unique J



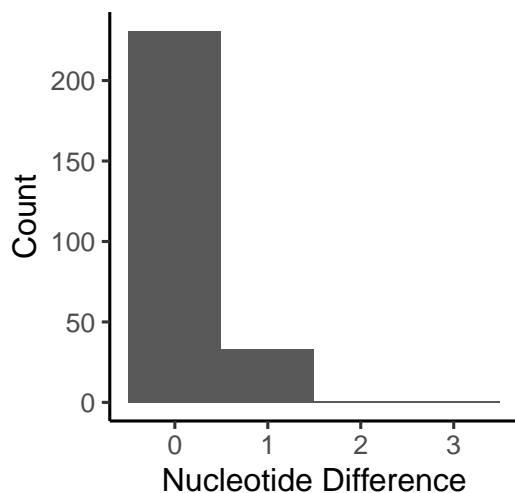
TRBV5-3*01_G146T

11 sequences assigned
11 (100%) exact matches, in which:
7 unique CDR3
5 unique J



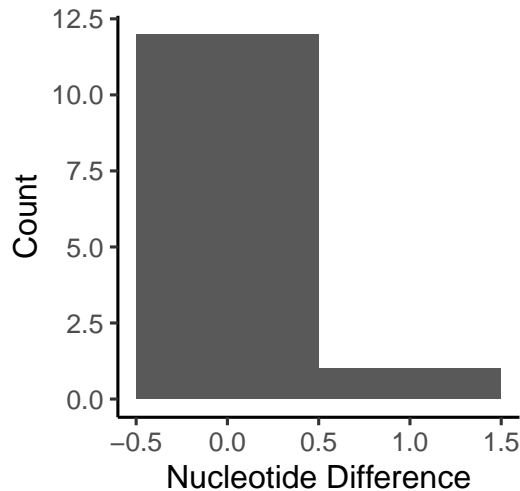
TRBV5-4*01

266 sequences assigned
231 (86.8%) exact matches, in which:
226 unique CDR3
15 unique J



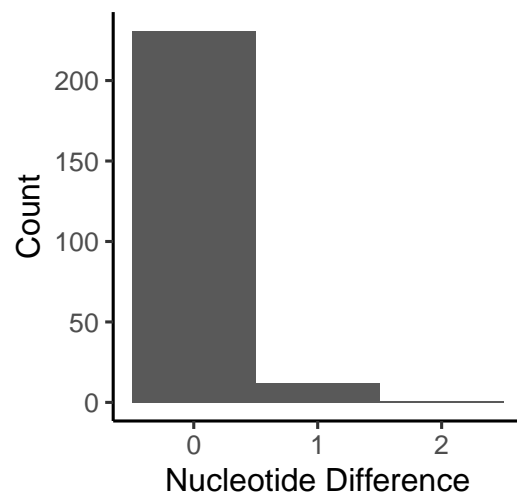
TRBV5-7*01

13 sequences assigned
12 (92.3%) exact matches, in which:
11 unique CDR3
6 unique J



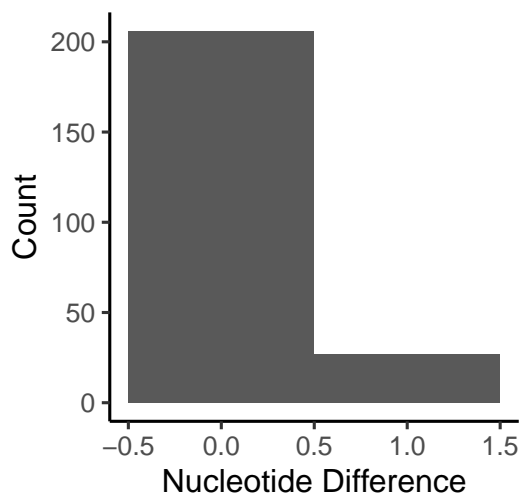
TRBV6-4*01

244 sequences assigned
231 (94.7%) exact matches, in which:
210 unique CDR3
15 unique J



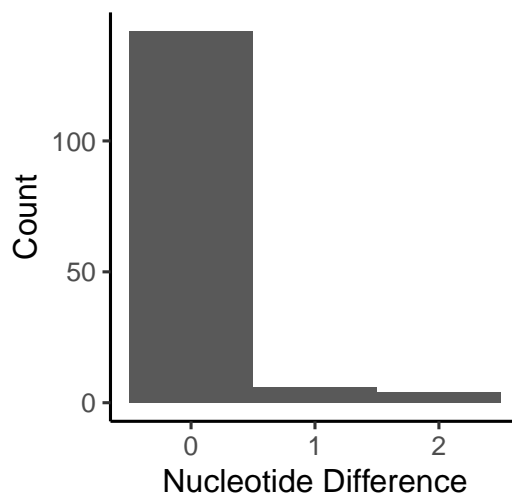
TRBV5-5*02_322TTGG3

233 sequences assigned
206 (88.4%) exact matches, in which:
172 unique CDR3
15 unique J



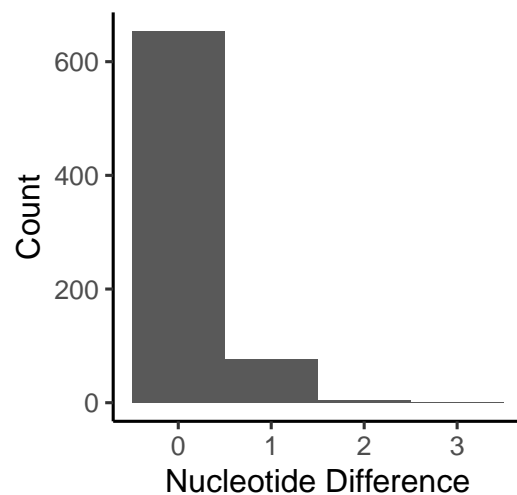
TRBV5-8*01

152 sequences assigned
142 (93.4%) exact matches, in which:
137 unique CDR3
14 unique J



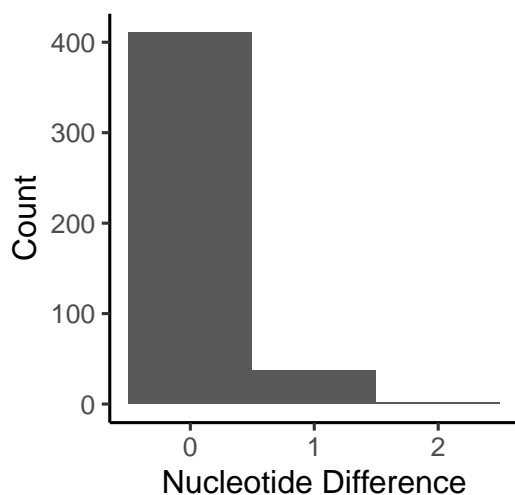
TRBV6-5*01

736 sequences assigned
654 (88.9%) exact matches, in which:
611 unique CDR3
15 unique J



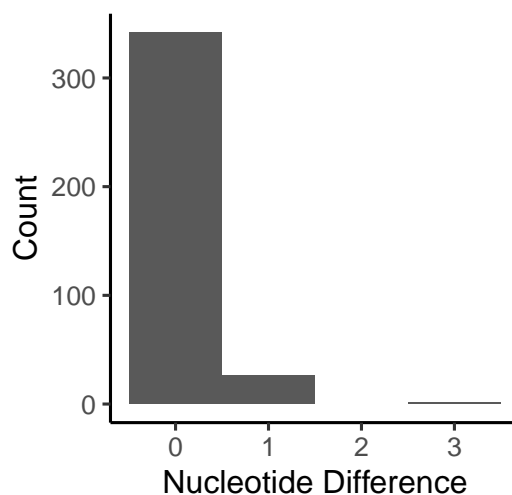
TRBV5-6*01

450 sequences assigned
411 (91.3%) exact matches, in which:
377 unique CDR3
15 unique J



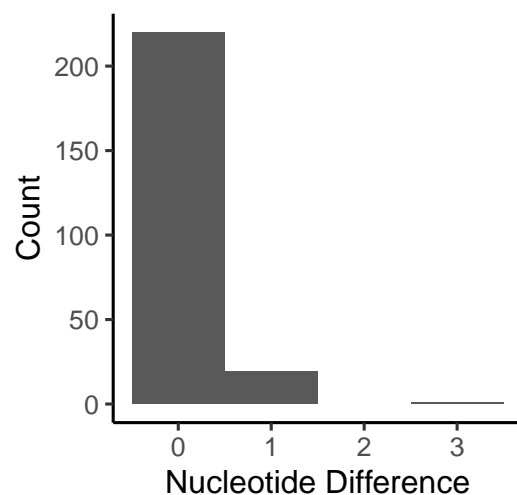
TRBV6-1*01

371 sequences assigned
342 (92.2%) exact matches, in which:
327 unique CDR3
15 unique J



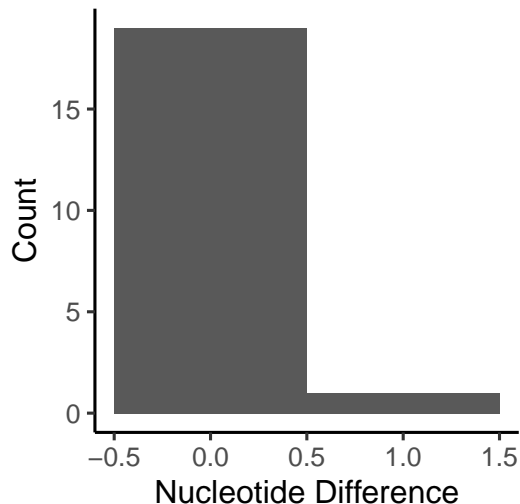
TRBV6-6*01

240 sequences assigned
220 (91.7%) exact matches, in which:
195 unique CDR3
14 unique J



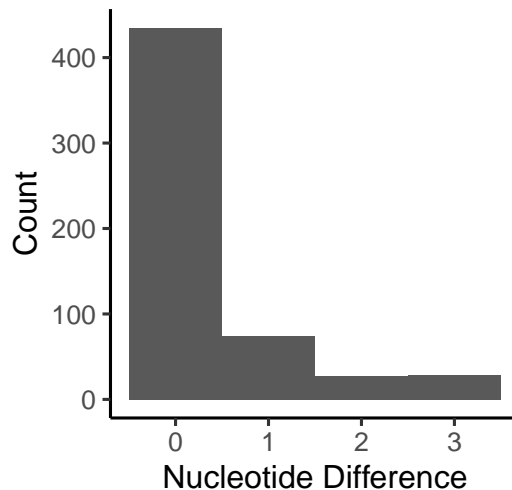
TRBV6-7*01

20 sequences assigned
19 (95%) exact matches, in which:
10 unique CDR3
5 unique J



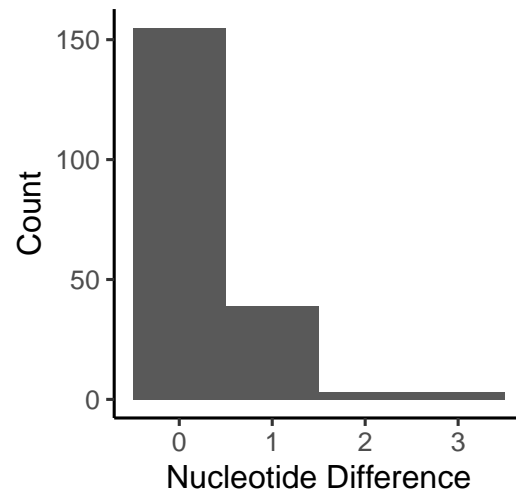
TRBV6-23*01

565 sequences assigned
435 (77%) exact matches, in which:
390 unique CDR3
15 unique J



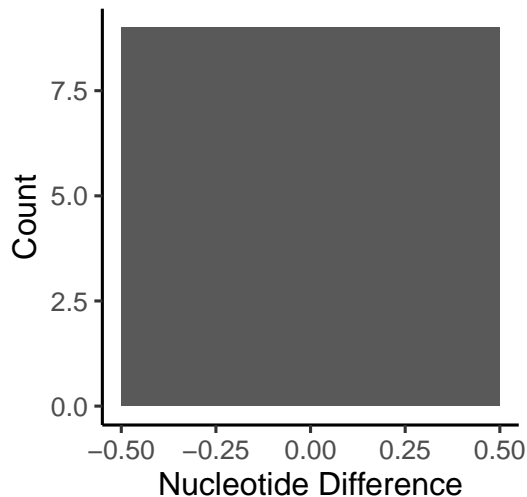
TRBV7-2*02

200 sequences assigned
155 (77.5%) exact matches, in which:
139 unique CDR3
14 unique J



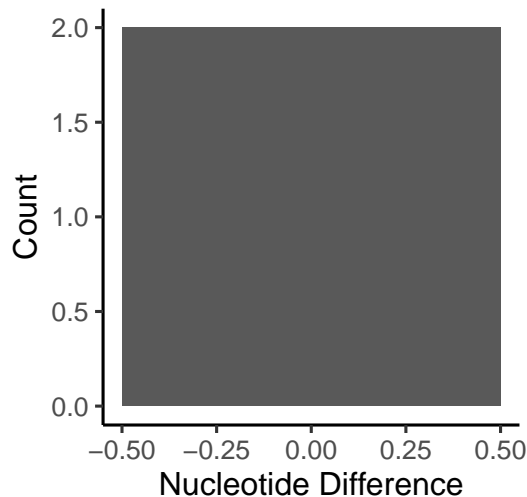
TRBV6-8*01

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



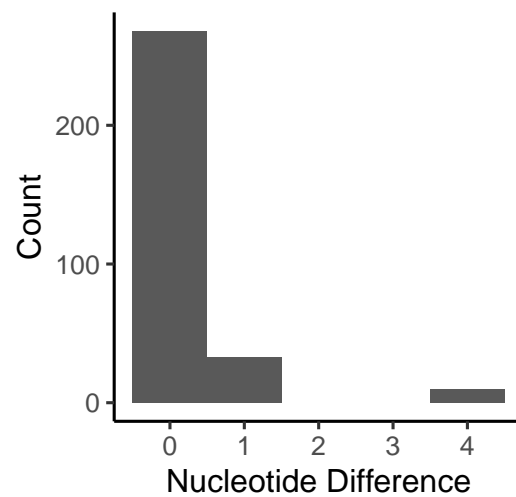
TRBV7-1*01

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



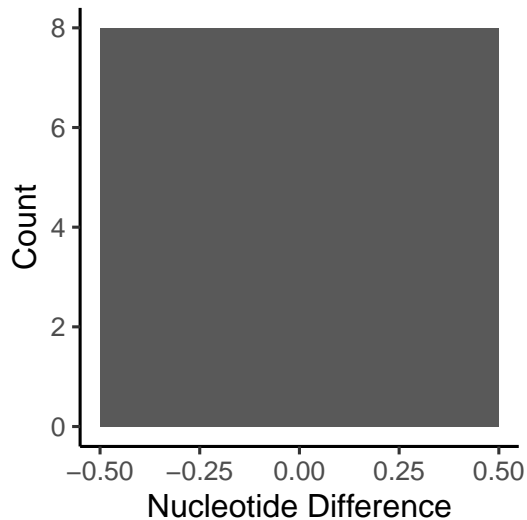
TRBV7-3*01

311 sequences assigned
268 (86.2%) exact matches, in which:
234 unique CDR3
13 unique J



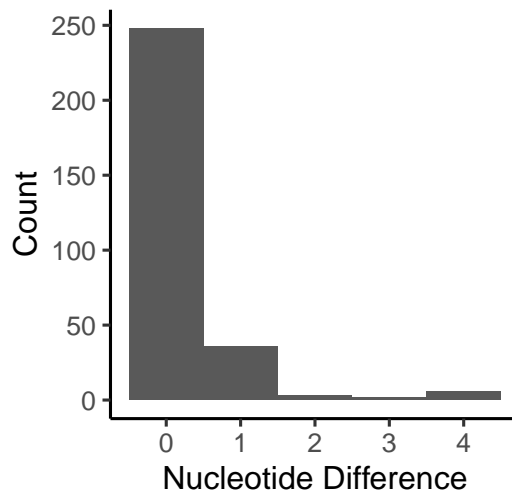
TRBV6-9*01

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



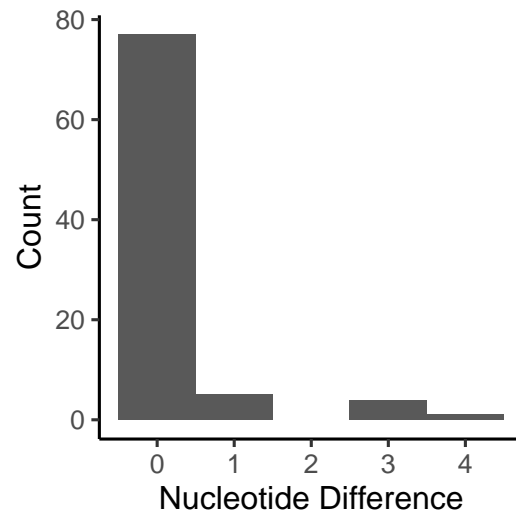
TRBV7-2*01

295 sequences assigned
248 (84.1%) exact matches, in which:
239 unique CDR3
15 unique J



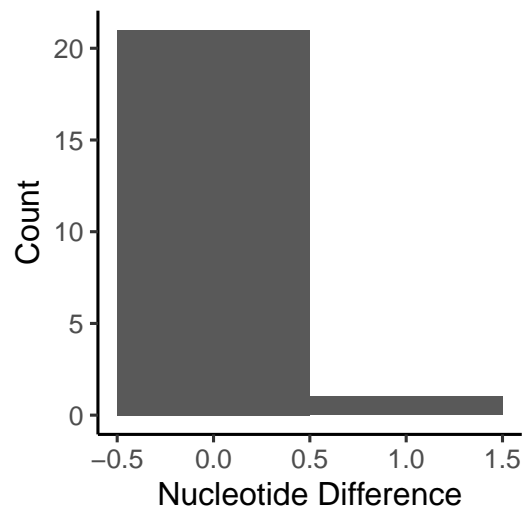
TRBV7-3*02

87 sequences assigned
77 (88.5%) exact matches, in which:
72 unique CDR3
12 unique J



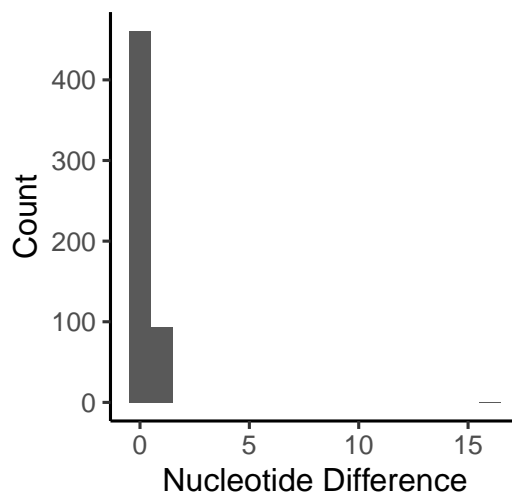
TRBV7-4*01

22 sequences assigned
21 (95.5%) exact matches, in which:
20 unique CDR3
8 unique J



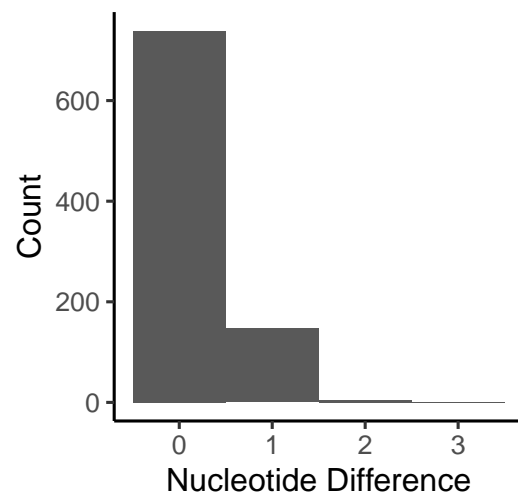
TRBV7-8*01

556 sequences assigned
461 (82.9%) exact matches, in which:
341 unique CDR3
15 unique J



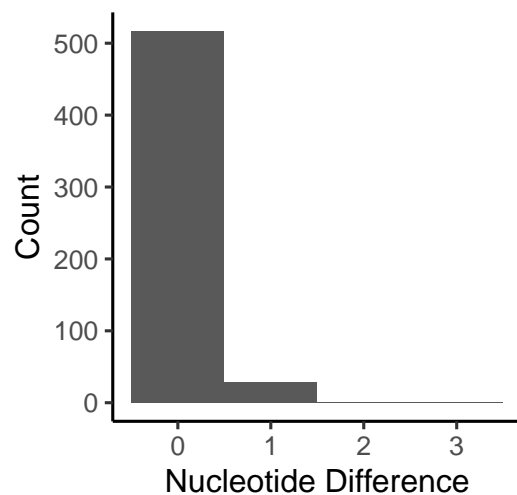
TRBV29-1*01

892 sequences assigned
739 (82.8%) exact matches, in which:
581 unique CDR3
16 unique J



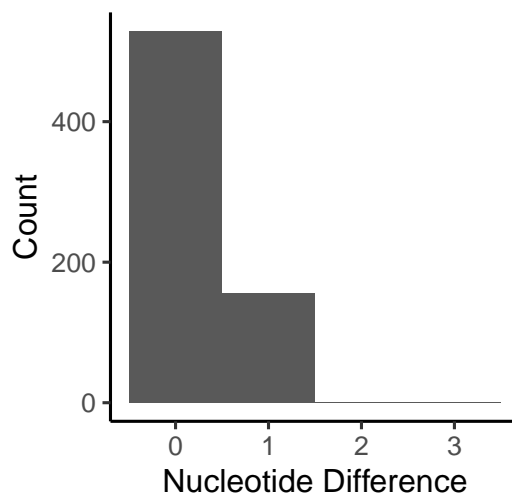
TRBV7-6*01

547 sequences assigned
517 (94.5%) exact matches, in which:
416 unique CDR3
15 unique J



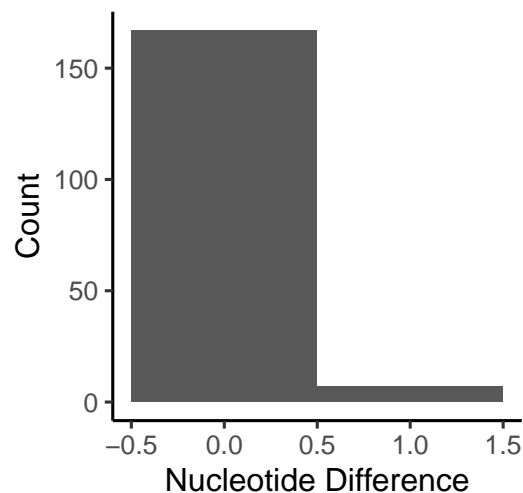
TRBV7-9*01

688 sequences assigned
529 (76.9%) exact matches, in which:
495 unique CDR3
15 unique J



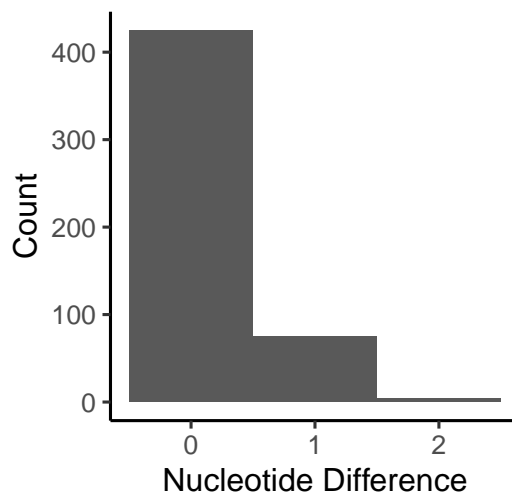
TRBV7-7*01_C315T

174 sequences assigned
167 (96%) exact matches, in which:
127 unique CDR3
14 unique J

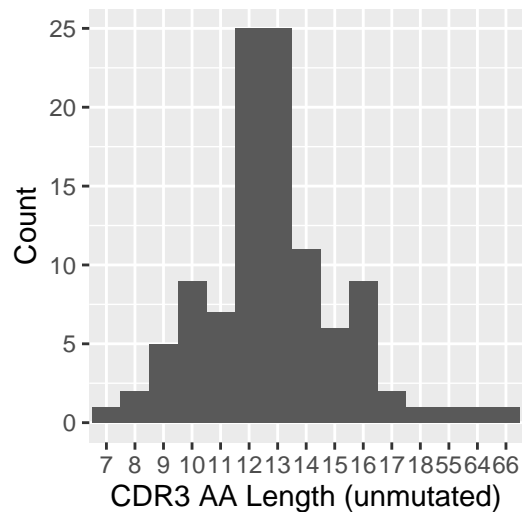


TRBV7-9*03

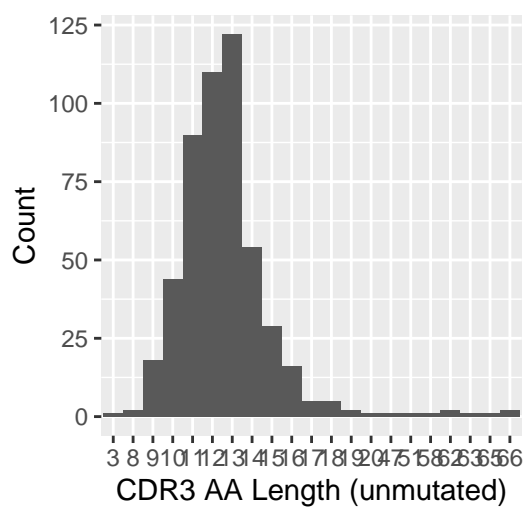
504 sequences assigned
425 (84.3%) exact matches, in which:
414 unique CDR3
15 unique J



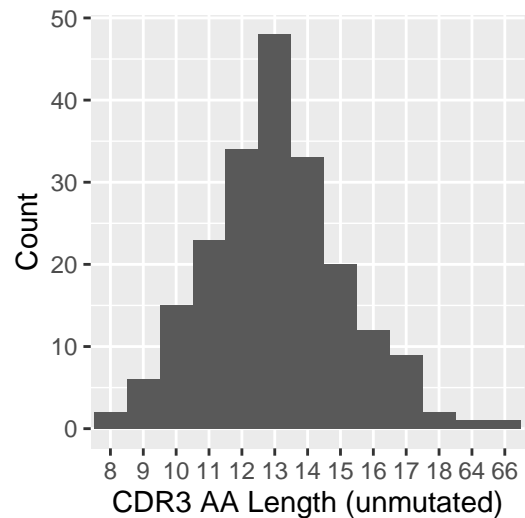
TRBV10-3*03_313GCCATC,



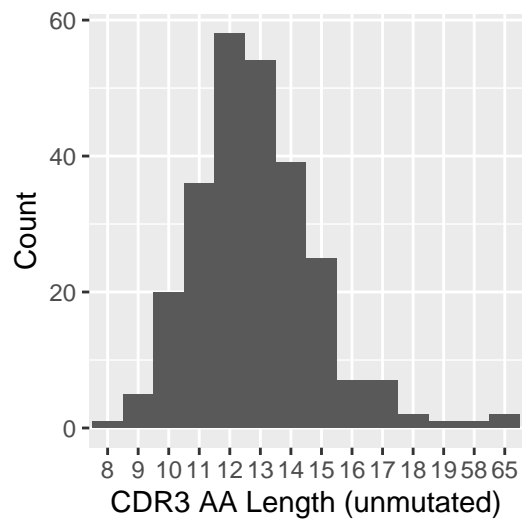
TRBV19*01_A24G



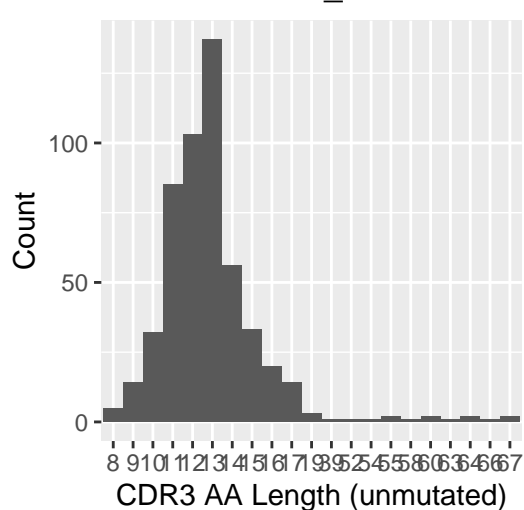
TRBV5-5*02_322TTGG325



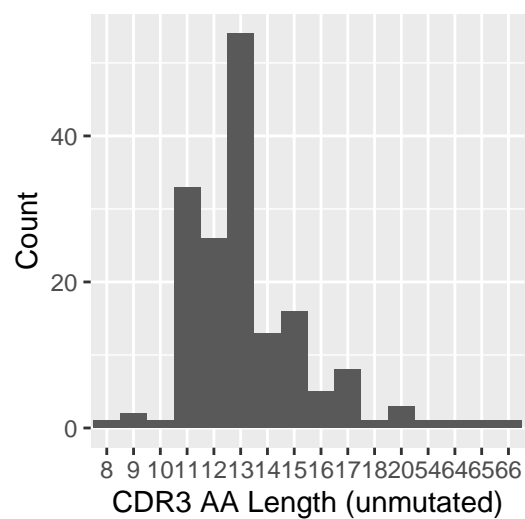
TRBV12-4*01_C87T



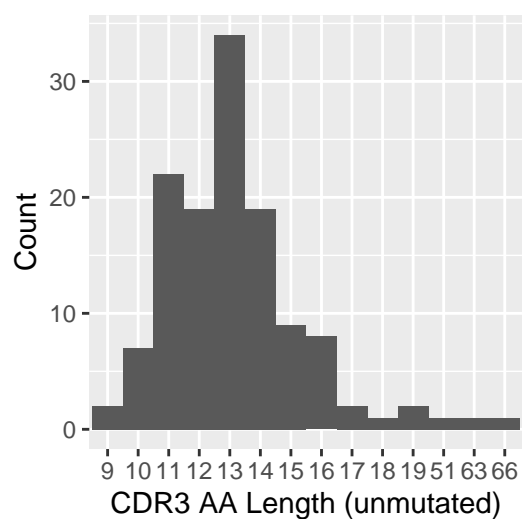
TRBV20-1*02_319AGAGA3



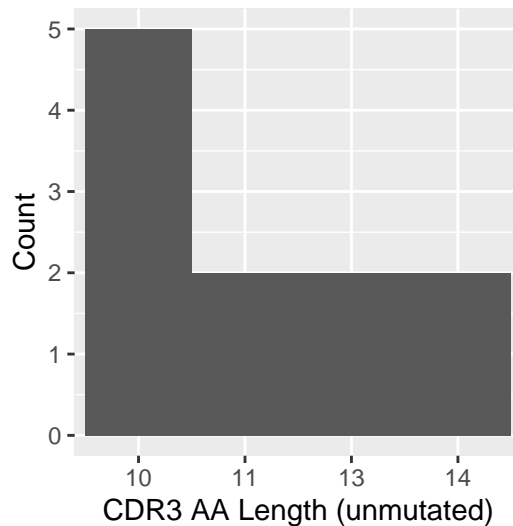
TRBV7-7*01_C315T

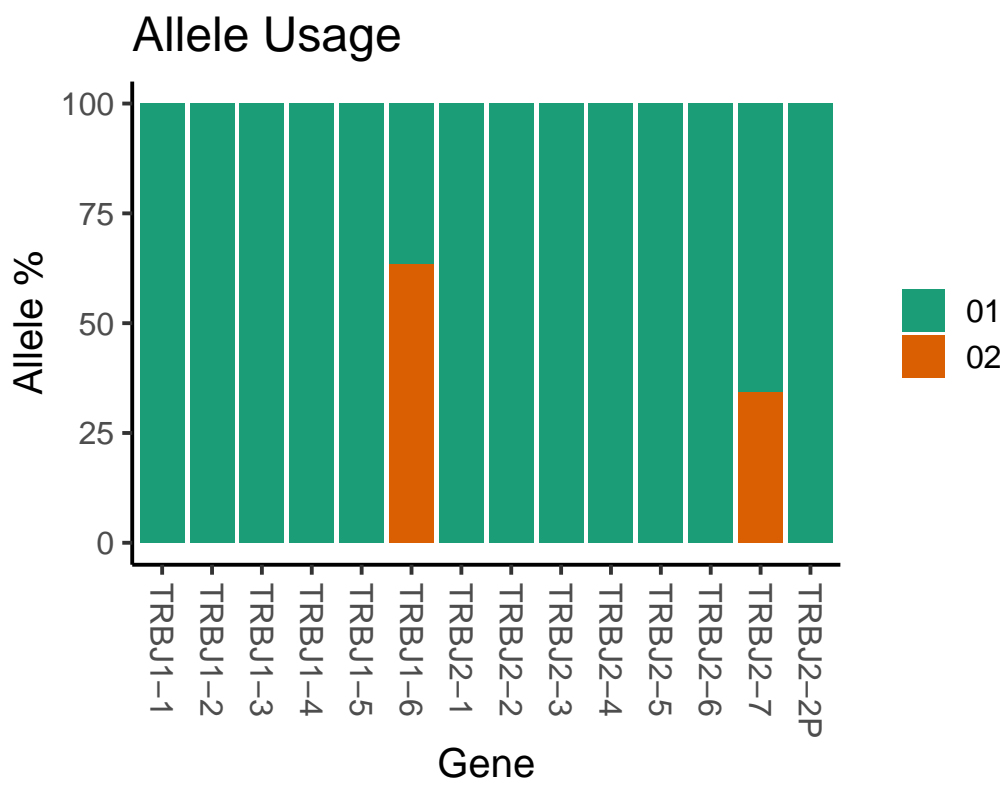


TRBV14*02_322CAAGA326



TRBV5-3*01_G146T

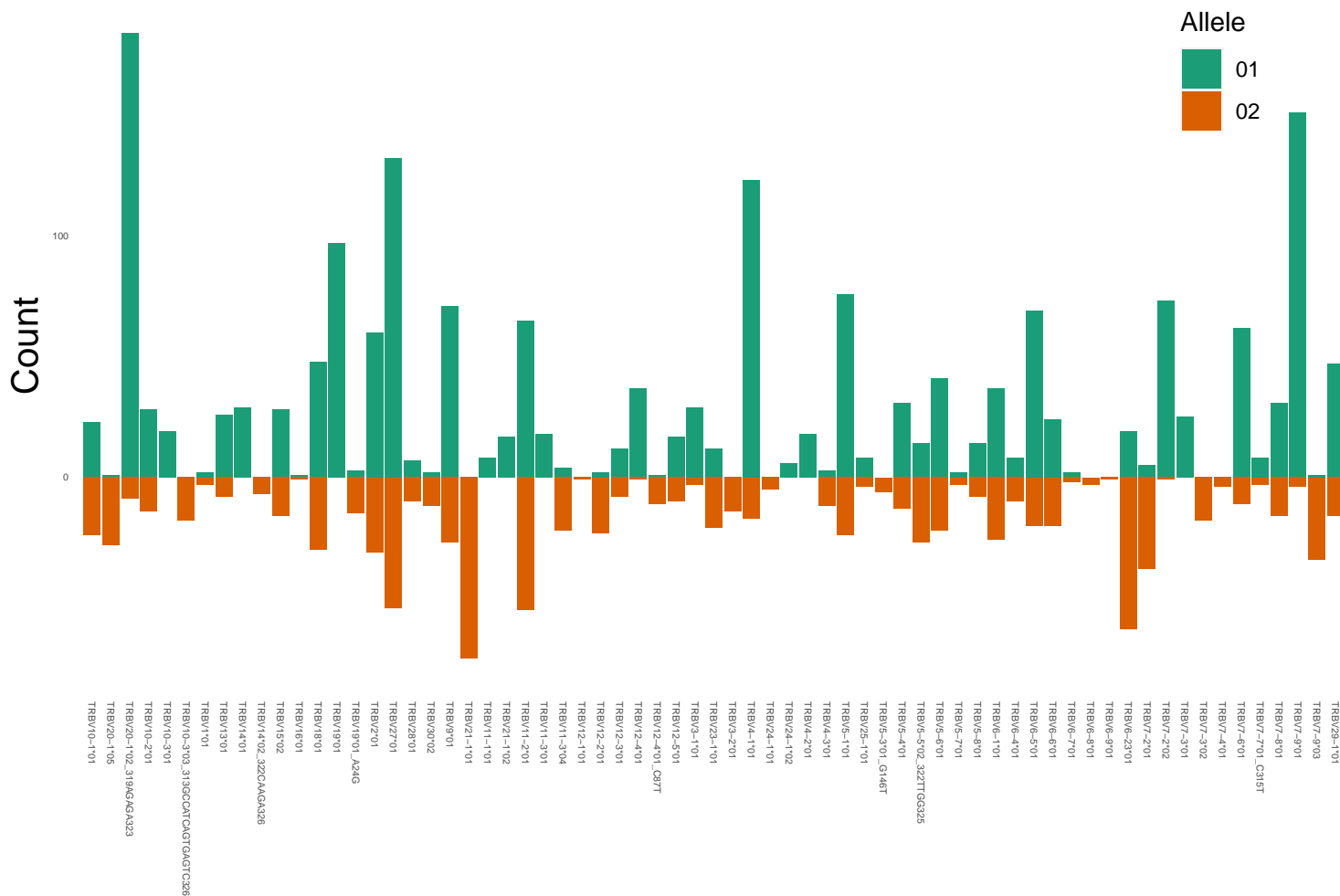




Sequence Count by TRBJ1–6 allele usage



Sequence Count by TRBJ2-7 allele usage



Warning – no inferred sequences found.

Warning – no inferred sequences found.