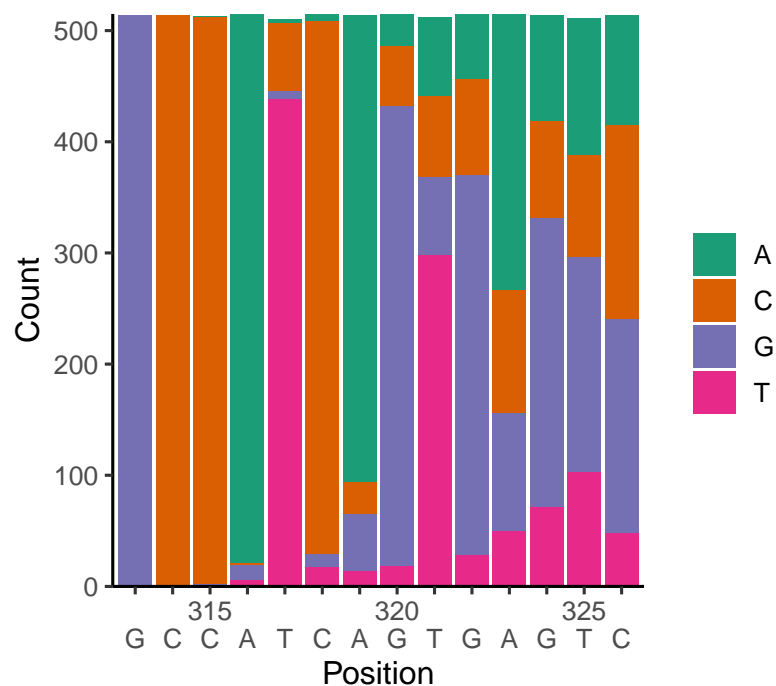
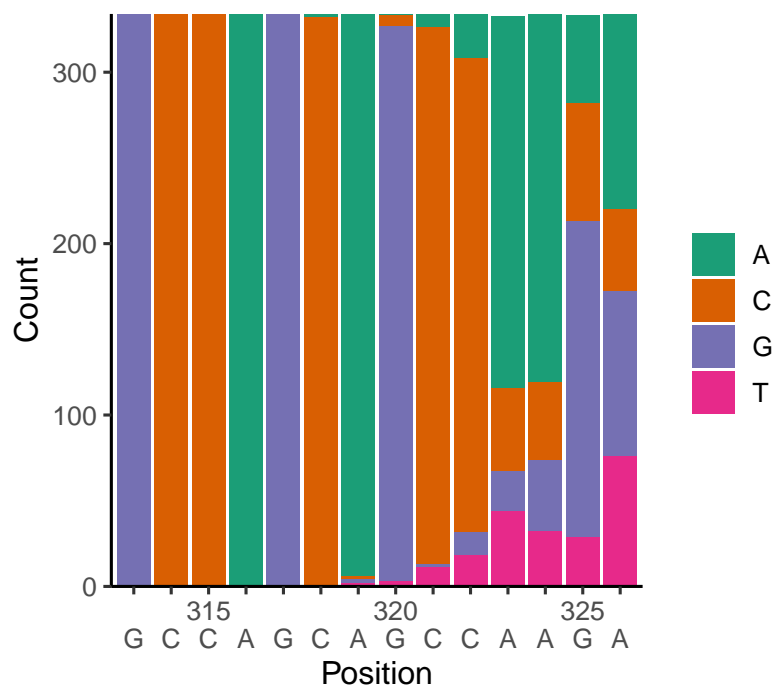


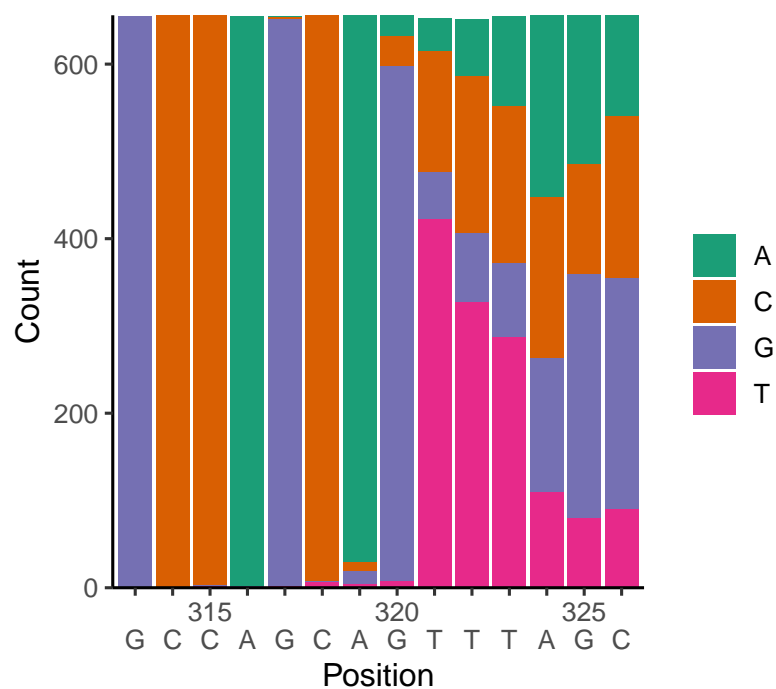
Gene TRBV10-3*03_313GCCATCAGTG/



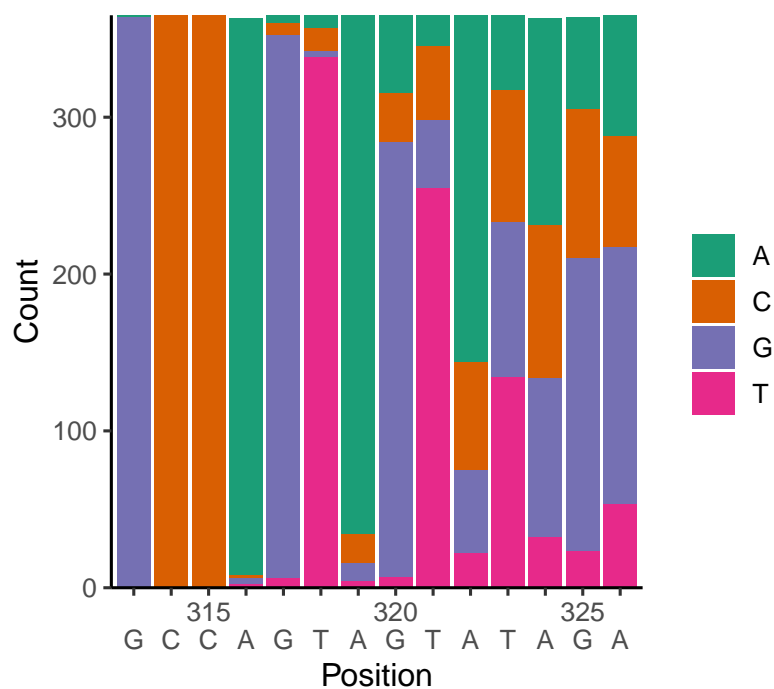
Gene TRBV14*02_322CAAGA326



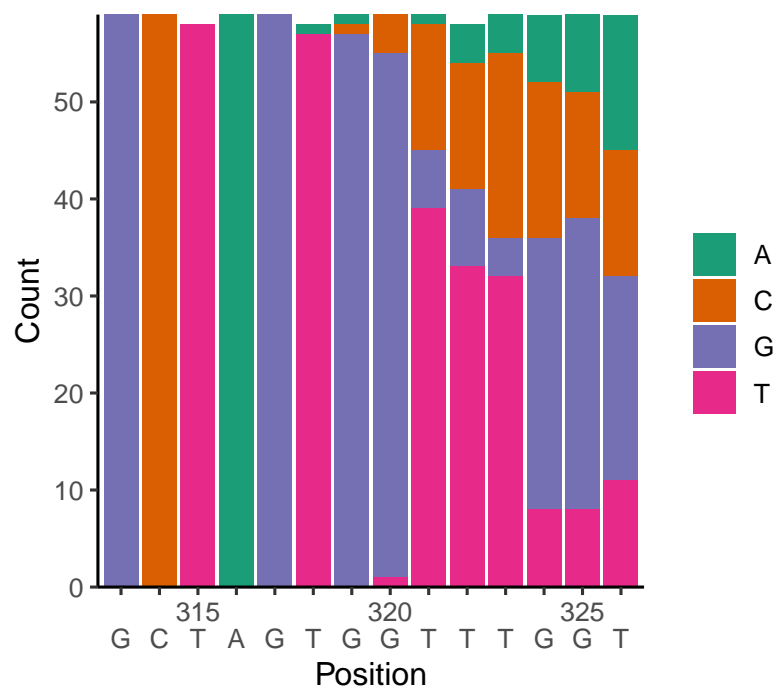
Gene TRBV12-4*01_C87T



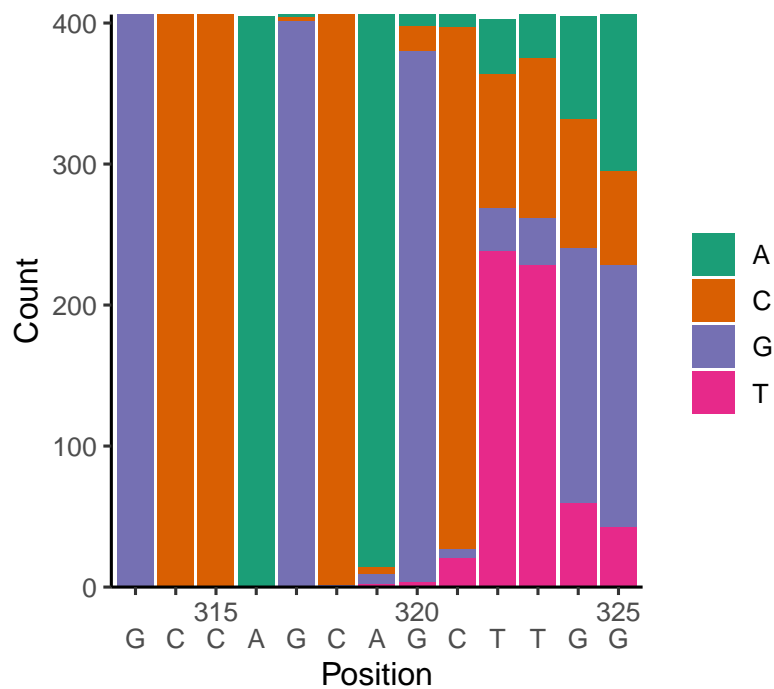
Gene TRBV19*01_A24G



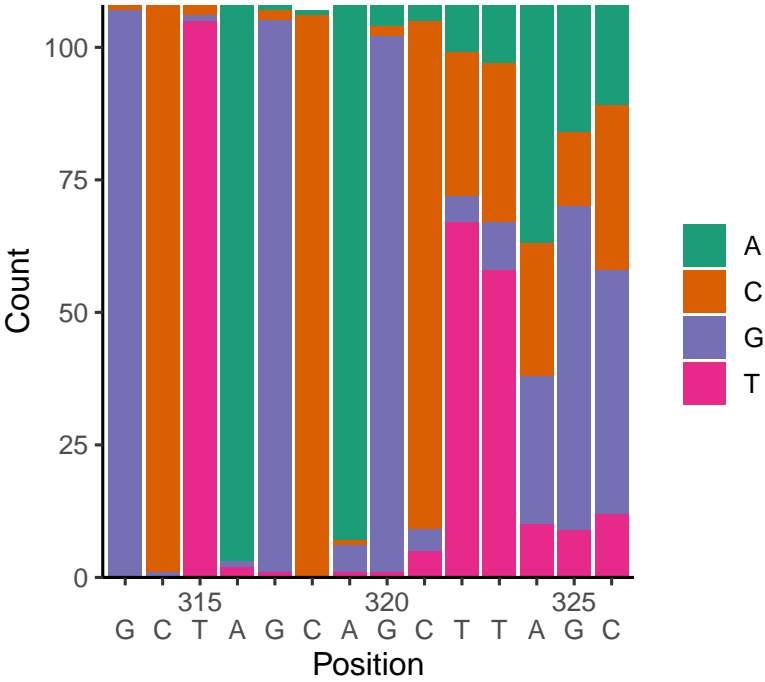
Gene TRBV12-5*01_C28G



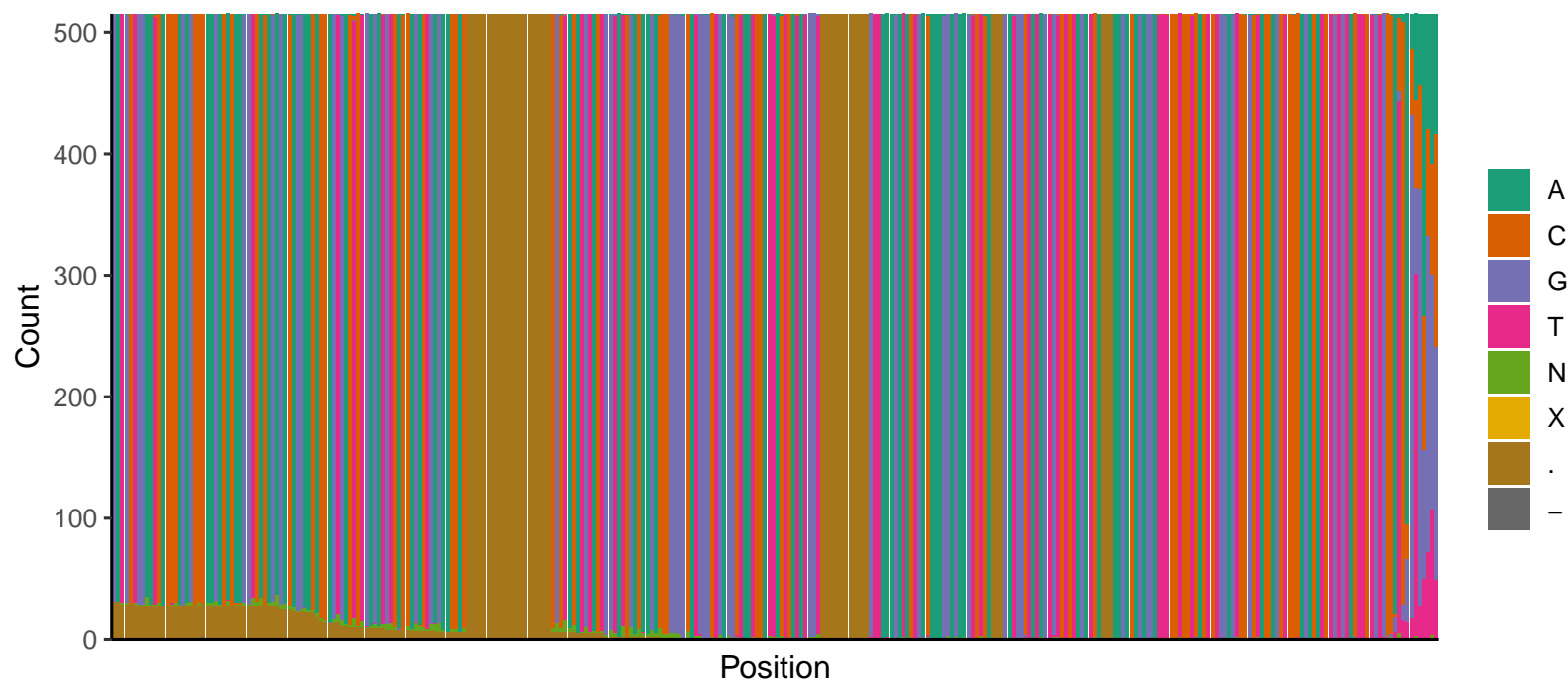
Gene TRBV5-5*02_322TTGG325



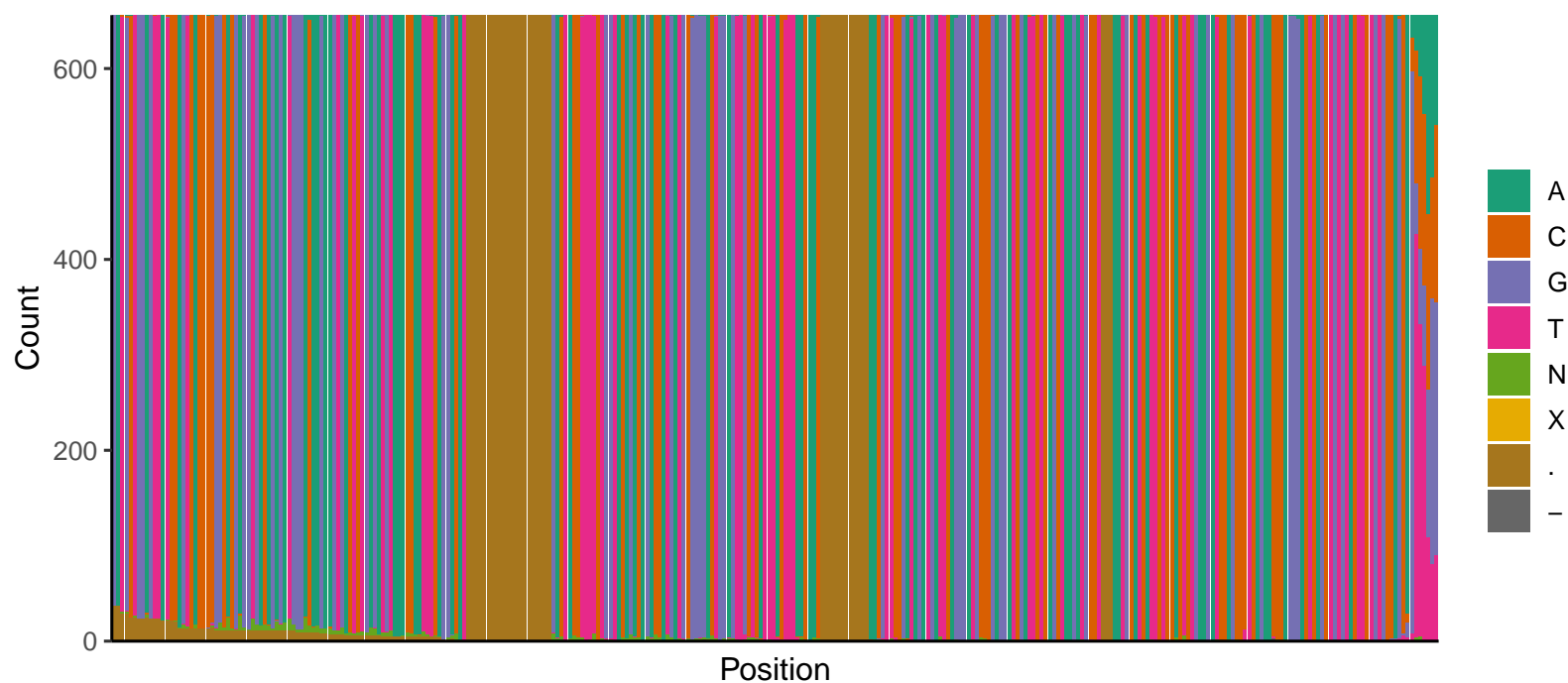
Gene TRBV7-7*01_C315T



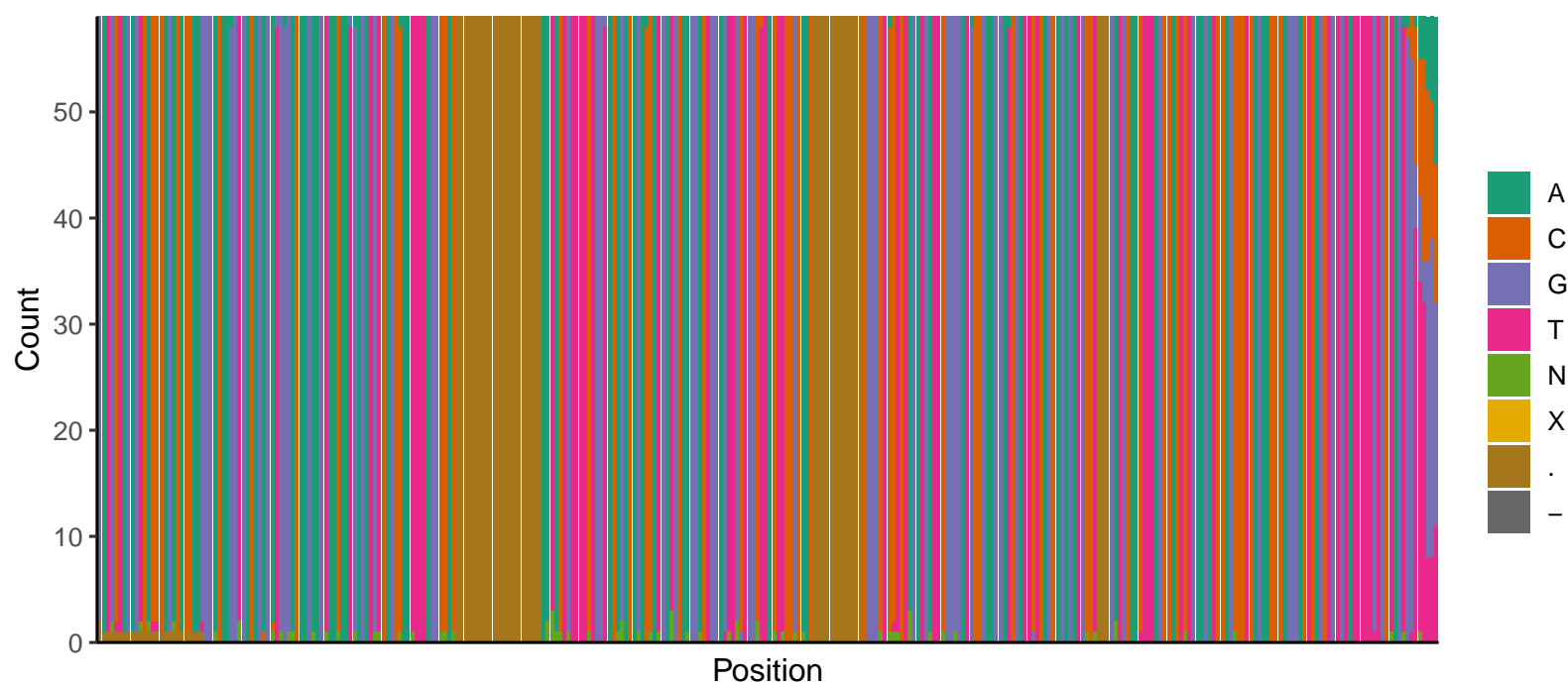
Gene TRBV10-3*03_313GCCATCAGTGAGTC326



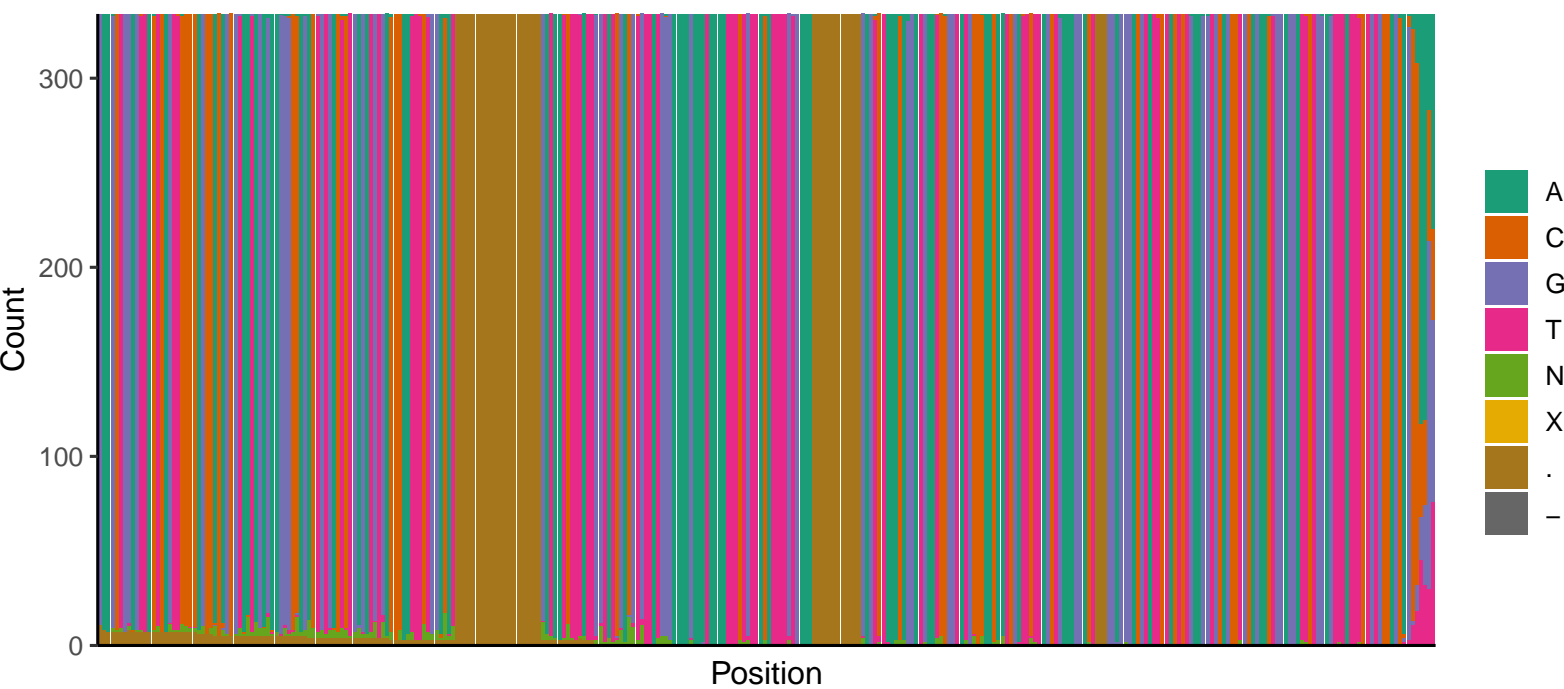
Gene TRBV12-4*01_C87T



Gene TRBV12-5*01_C28G



Gene TRBV14*02_322CAAGA326



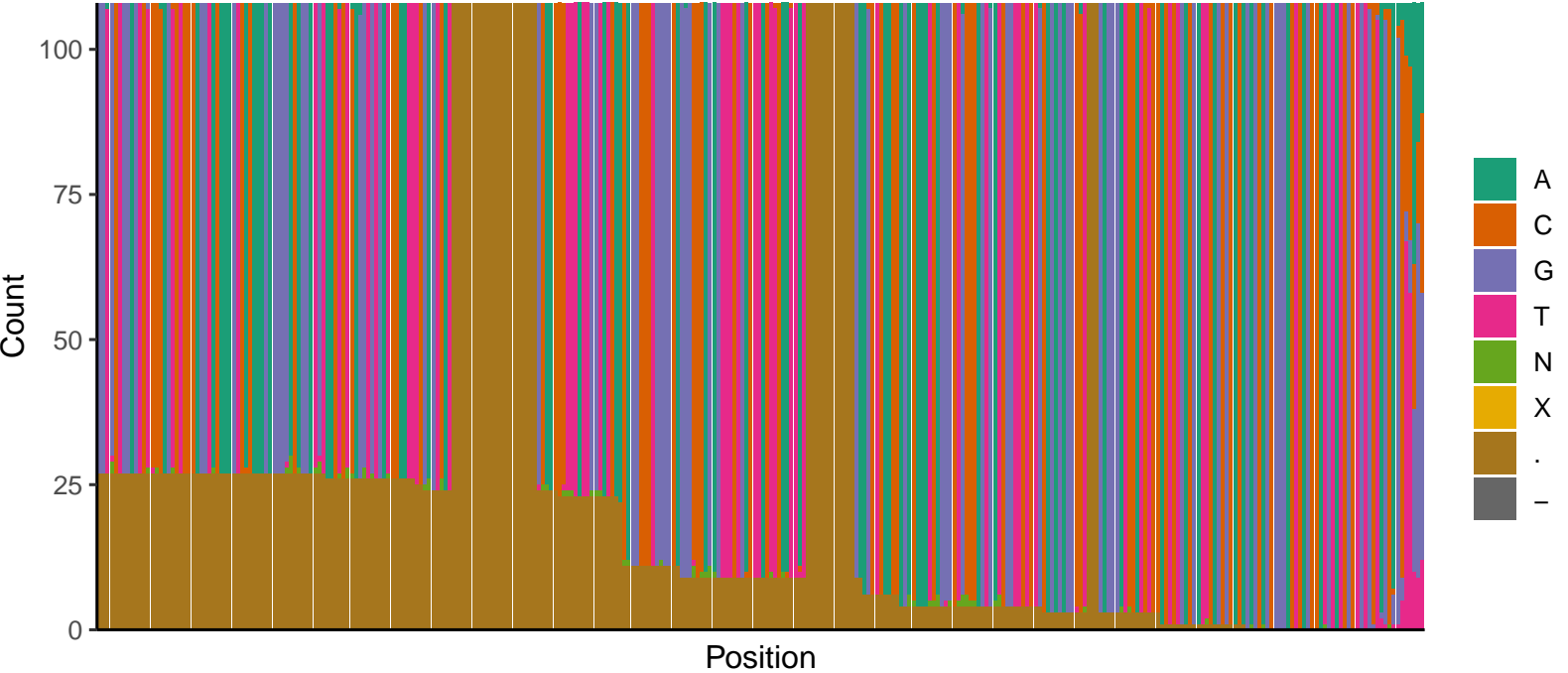
Gene TRBV19*01_A24G



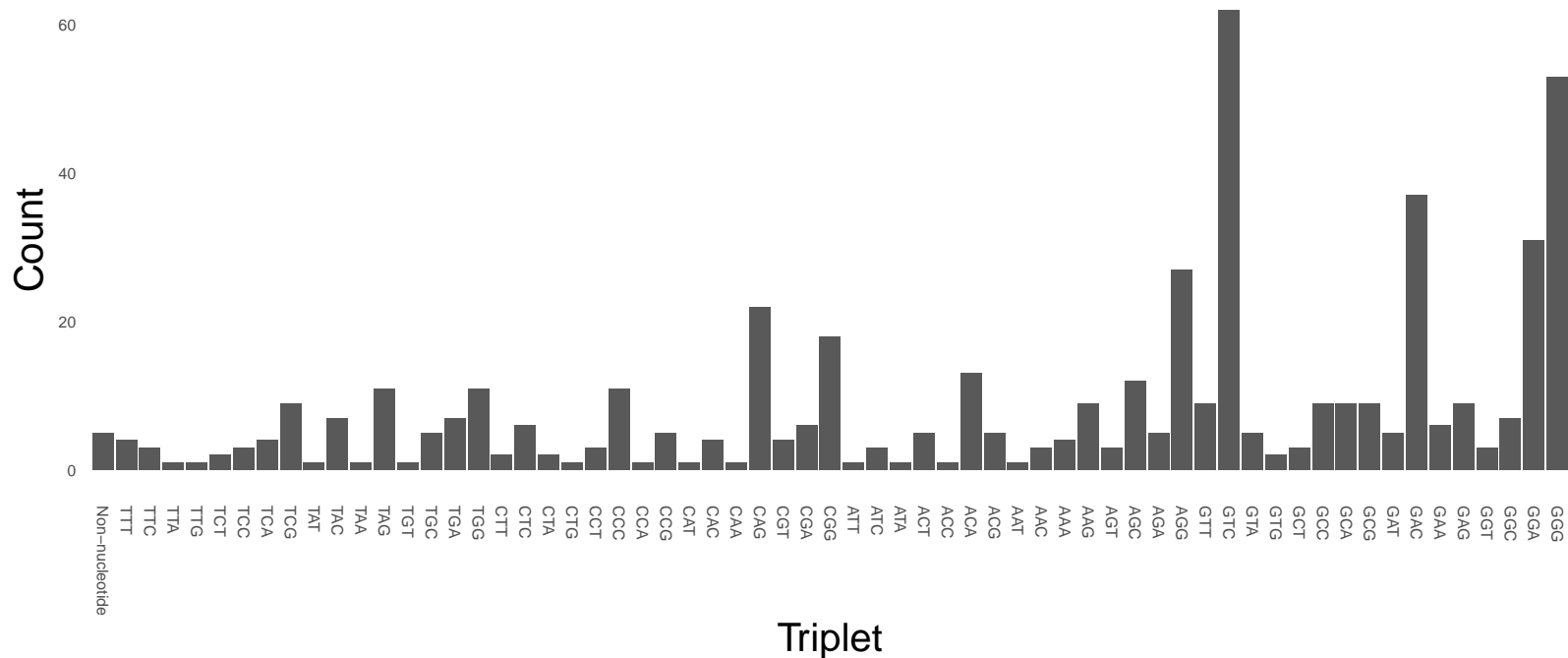
Gene TRBV5-5*02_322TTGG325



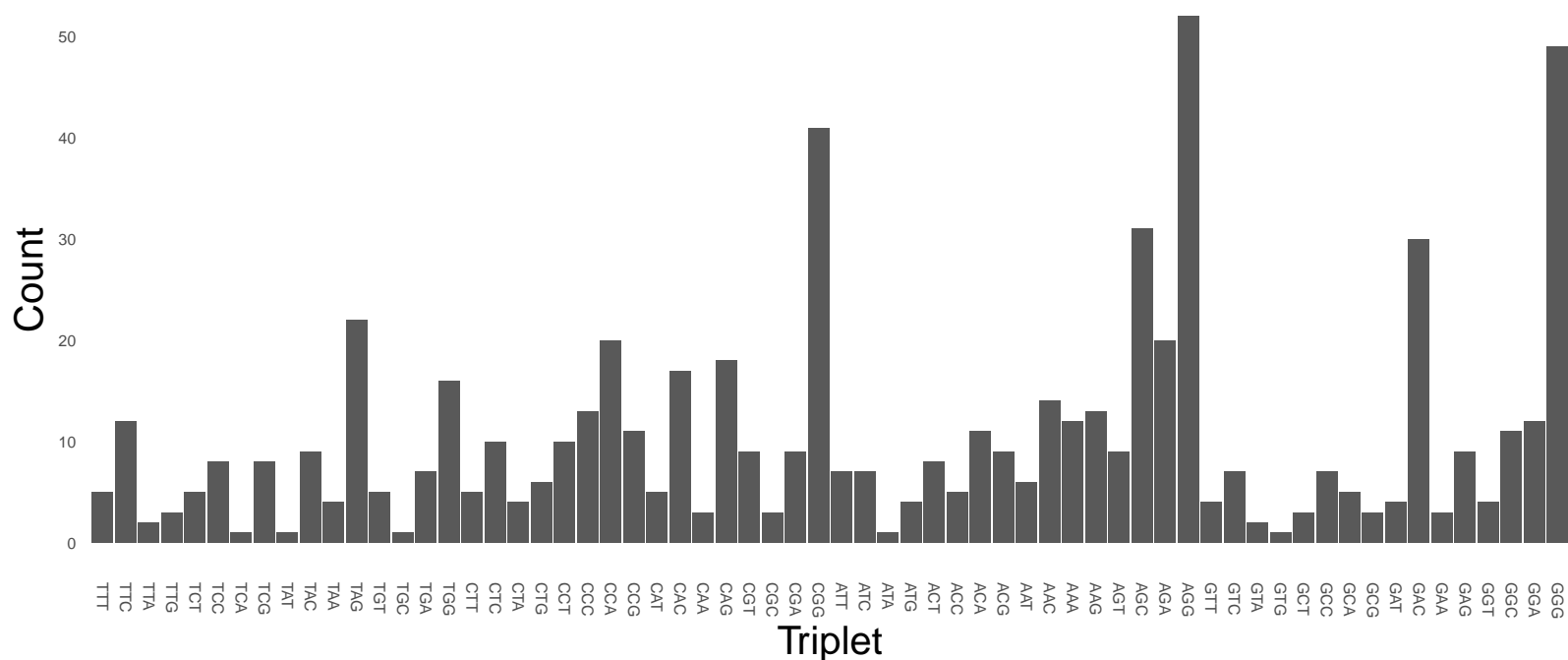
Gene TRBV7-7*01_C315T



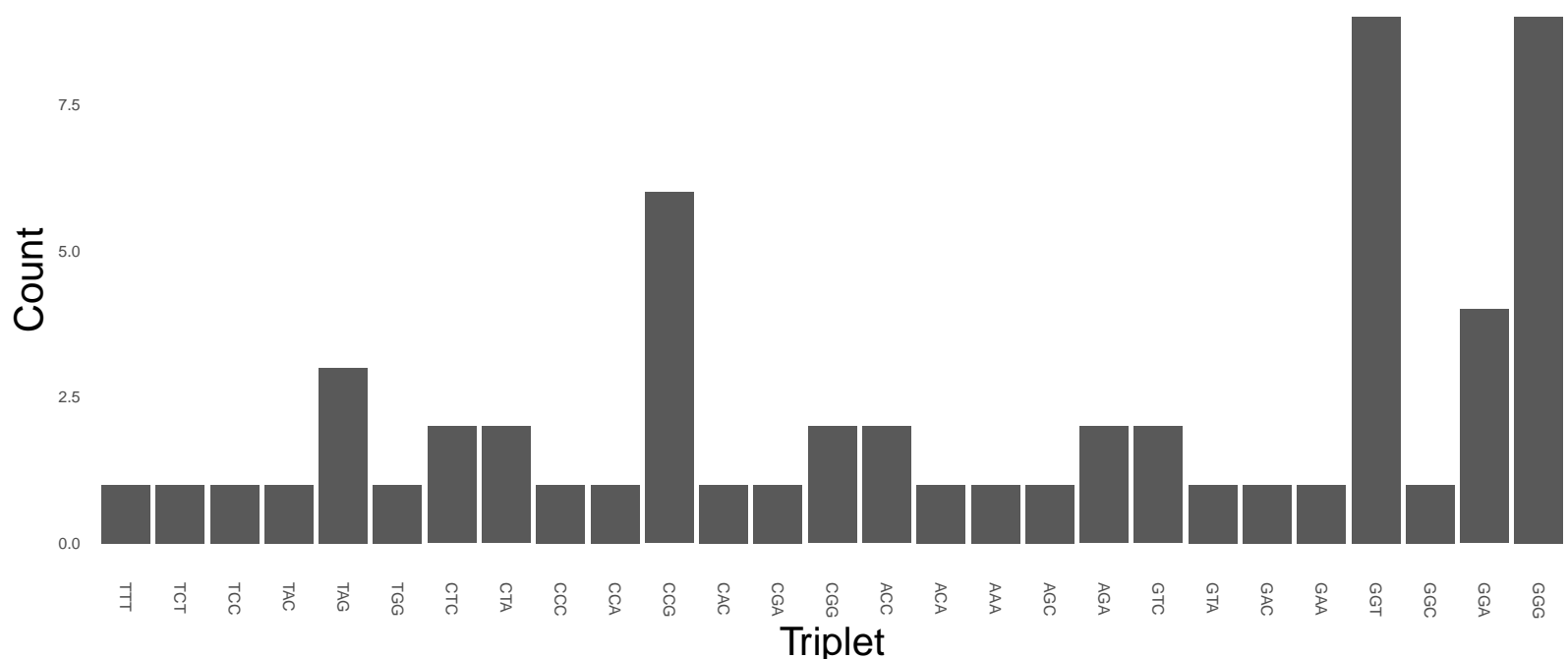
TRBV10–3*03_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



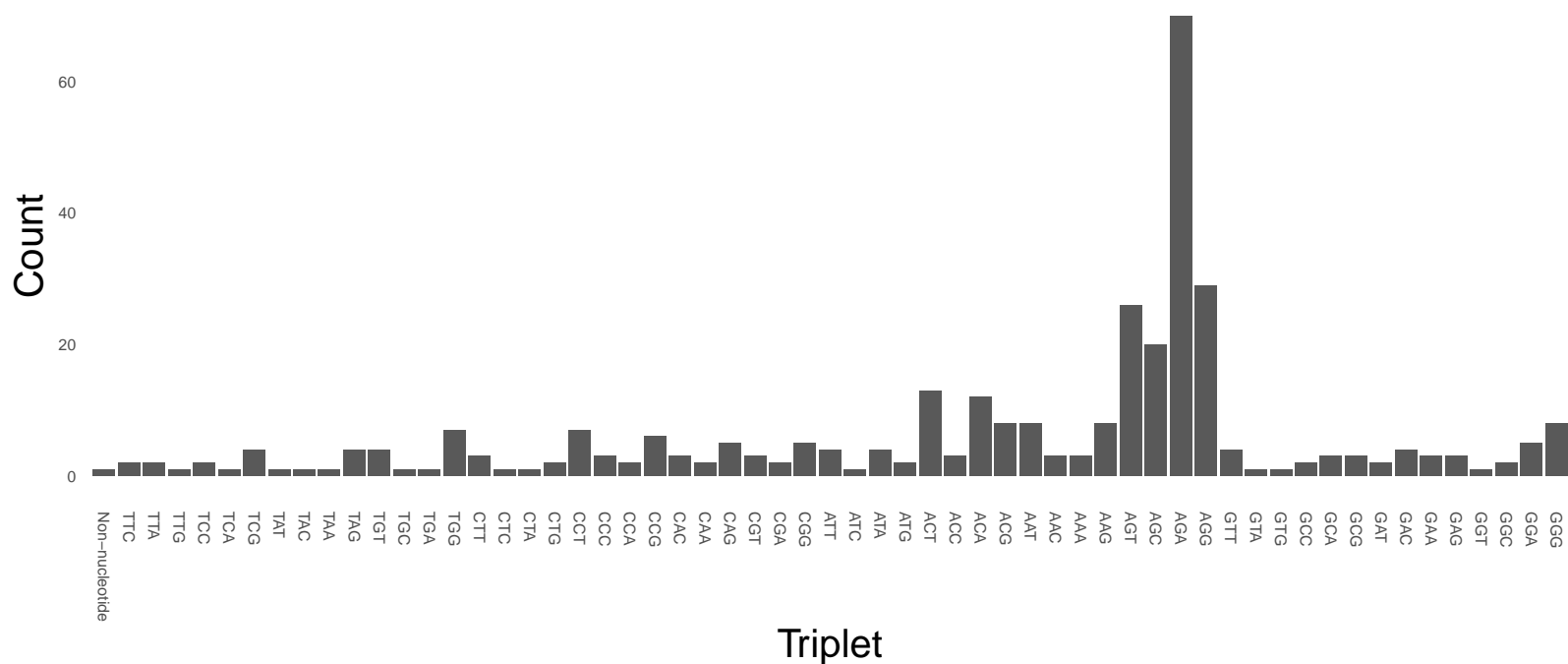
TRBV12–4*01_C87T– Final 3 nucleotides as a triplet



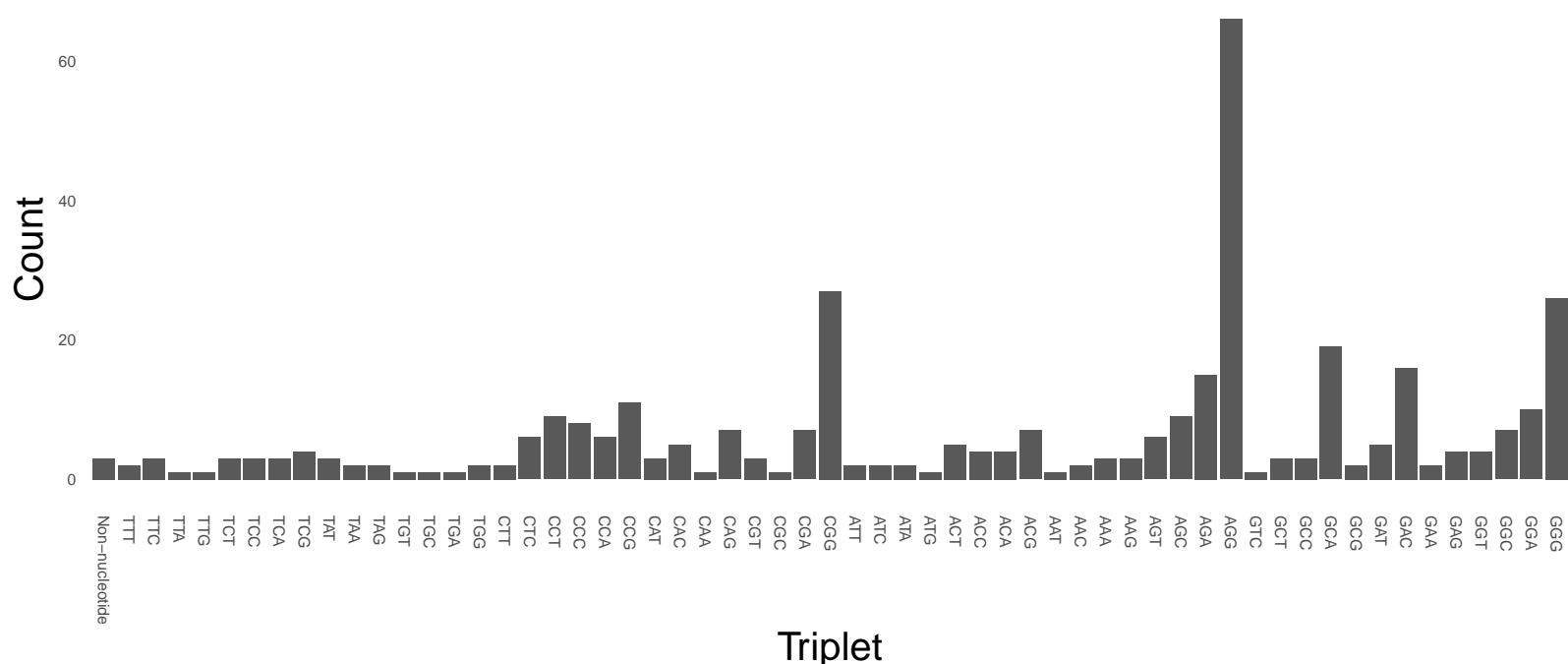
TRBV12–5*01_C28G– Final 3 nucleotides as a triplet



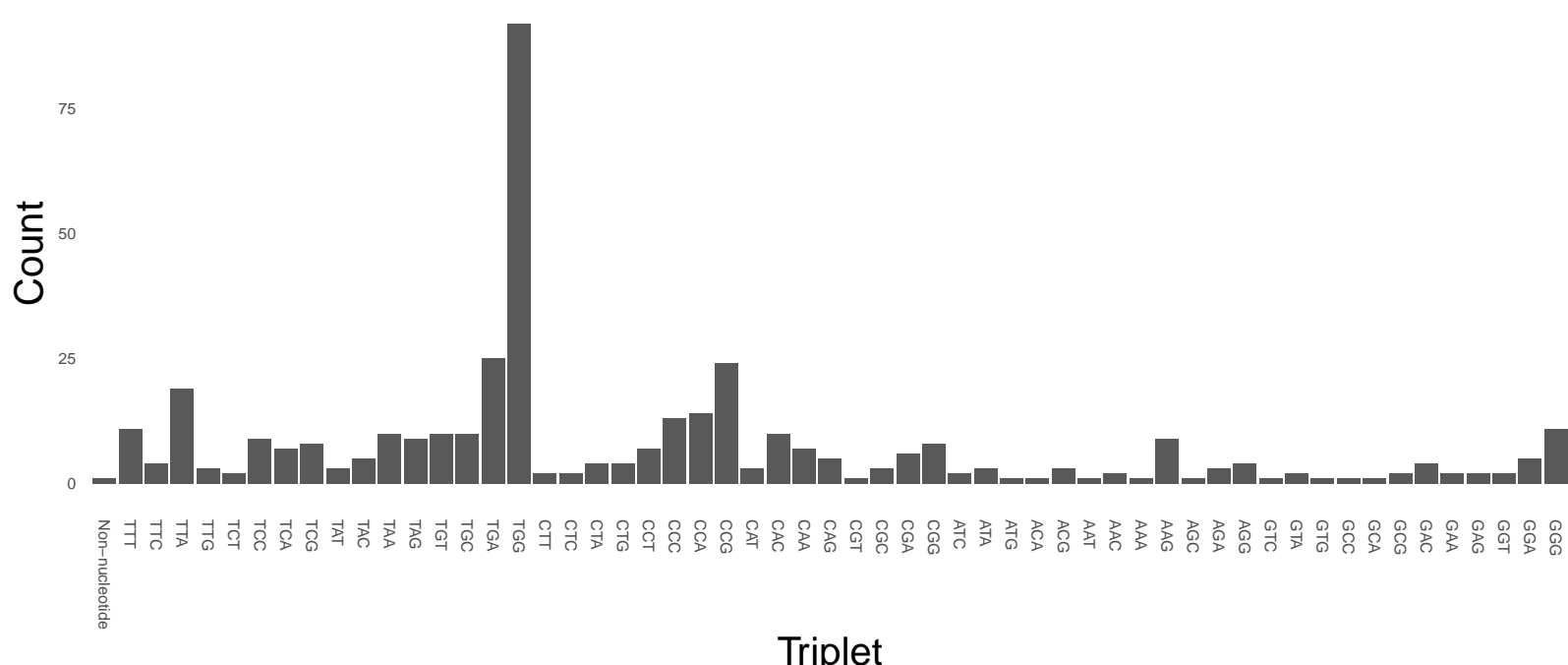
TRBV14*02_322CAAGA326– Final 3 nucleotides as a triplet



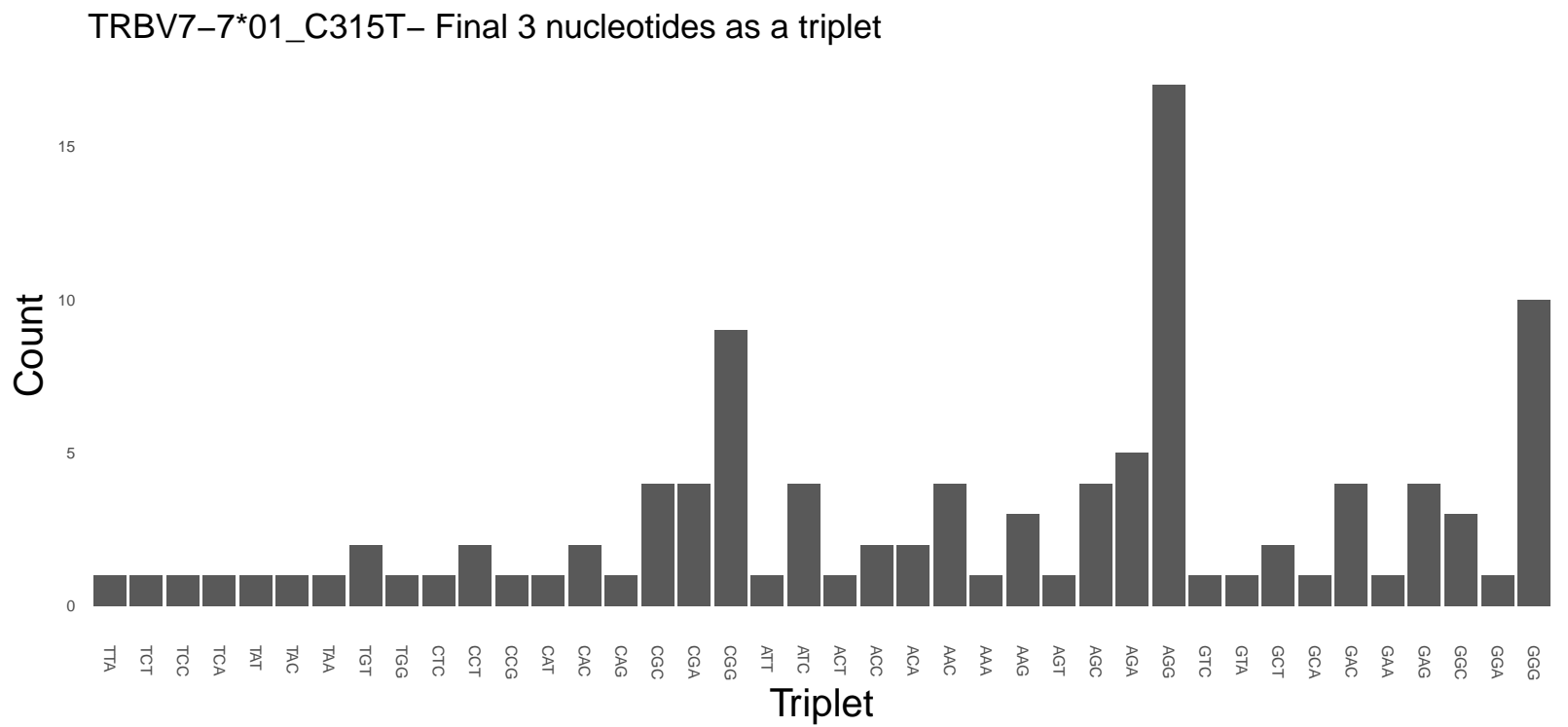
TRBV19*01_A24G– Final 3 nucleotides as a triplet



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

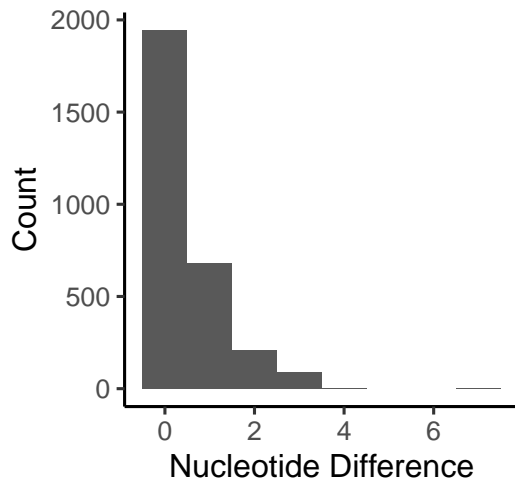


TRBV7-7*01_C315T- Final 3 nucleotides as a triplet



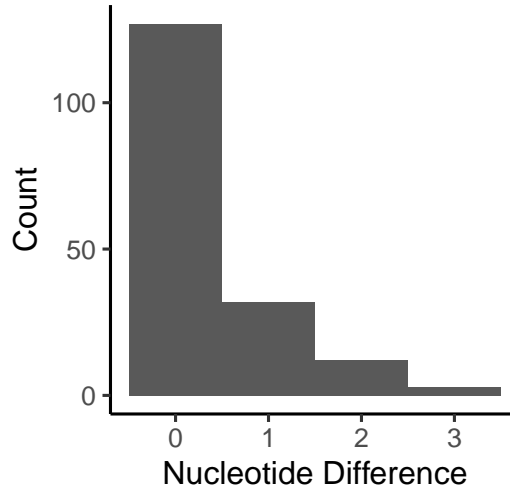
TRBV20-1*01

2928 sequences assigned
1943 (66.4%) exact matches, in which:
1730 unique CDR3
14 unique J



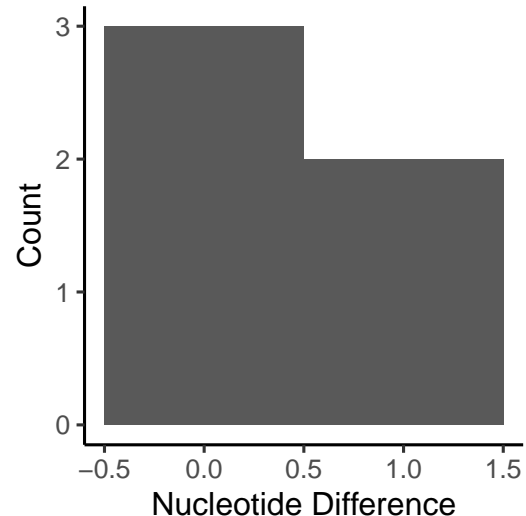
TRBV10-2*01

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



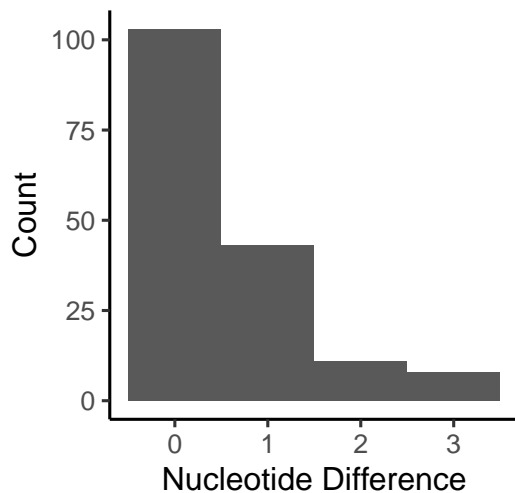
TRBV1*01

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



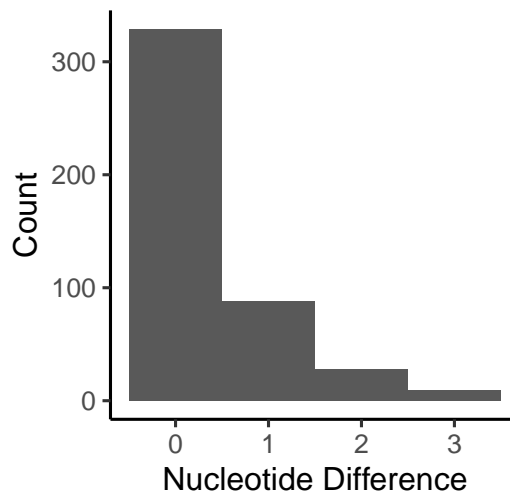
TRBV10-1*01

165 sequences assigned
103 (62.4%) exact matches, in which:
82 unique CDR3
10 unique J



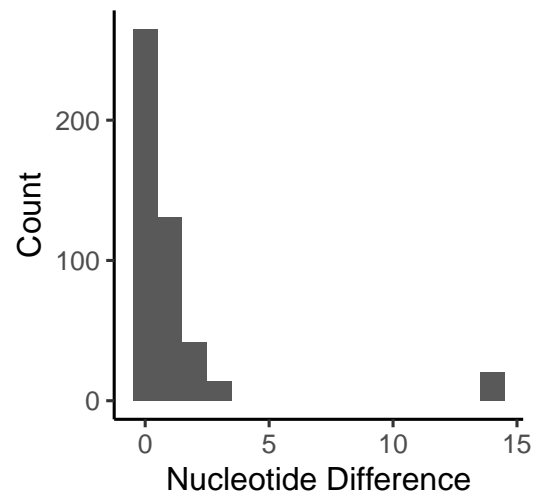
TRBV10-3*02

454 sequences assigned
329 (72.5%) exact matches, in which:
302 unique CDR3
14 unique J



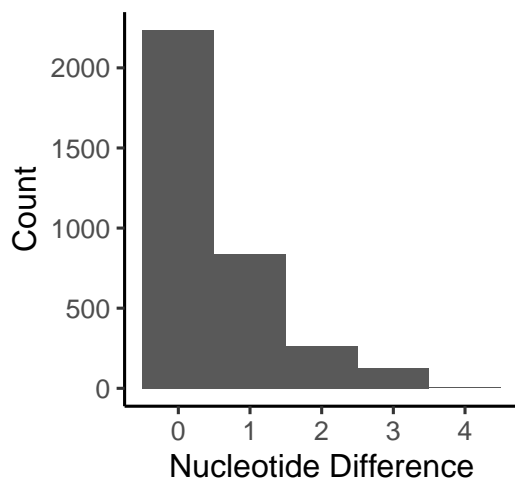
TRBV13*01

472 sequences assigned
265 (56.1%) exact matches, in which:
184 unique CDR3
14 unique J



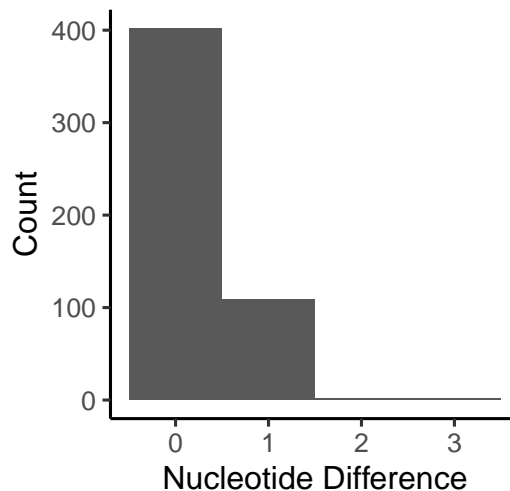
TRBV20-1*05

3473 sequences assigned
2236 (64.4%) exact matches, in which:
1905 unique CDR3
13 unique J



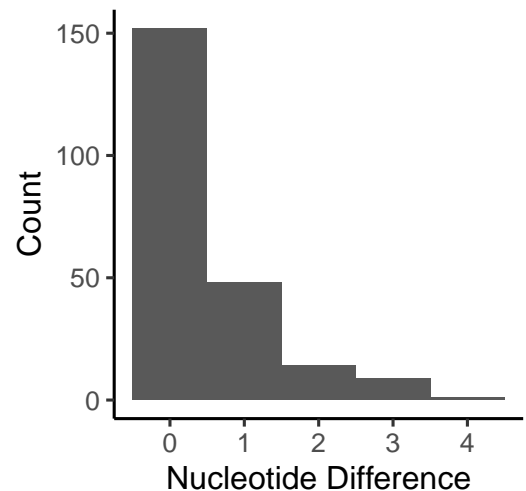
TRBV10-3*03_313GCCA

515 sequences assigned
402 (78.1%) exact matches, in which:
371 unique CDR3
13 unique J



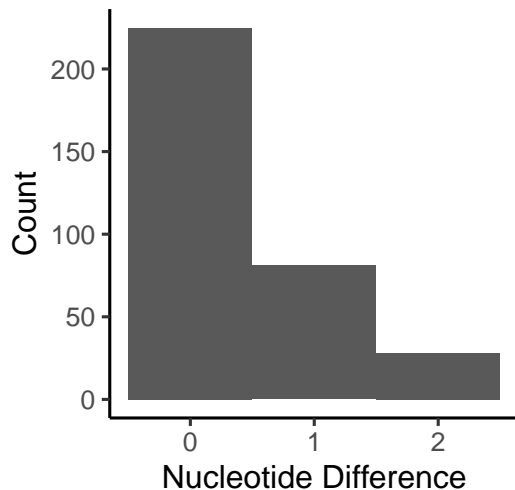
TRBV14*01

224 sequences assigned
152 (67.9%) exact matches, in which:
146 unique CDR3
13 unique J



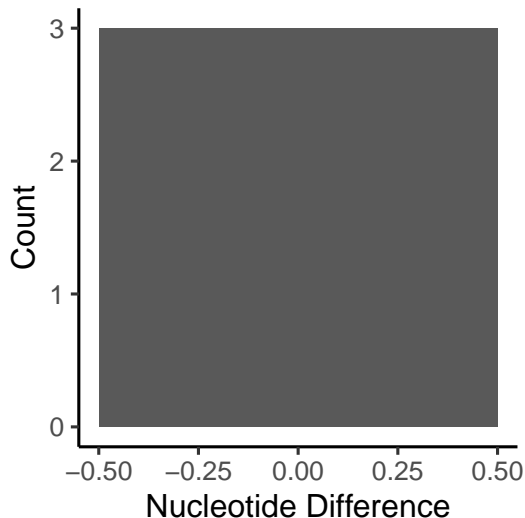
TRBV14*02_322CAAGA3

334 sequences assigned
225 (67.4%) exact matches, in which:
208 unique CDR3
13 unique J



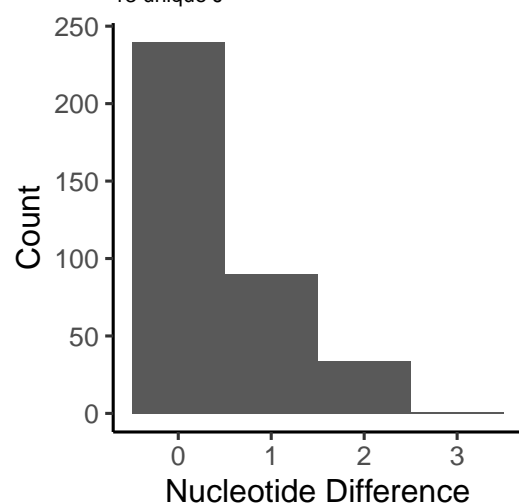
TRBV17*01

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



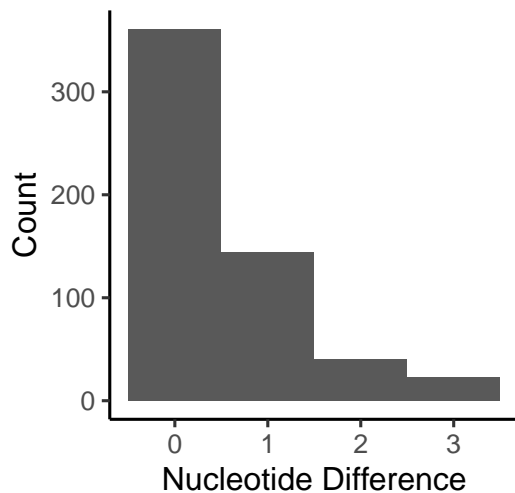
TRBV19*01_A24G

365 sequences assigned
240 (65.8%) exact matches, in which:
202 unique CDR3
13 unique J



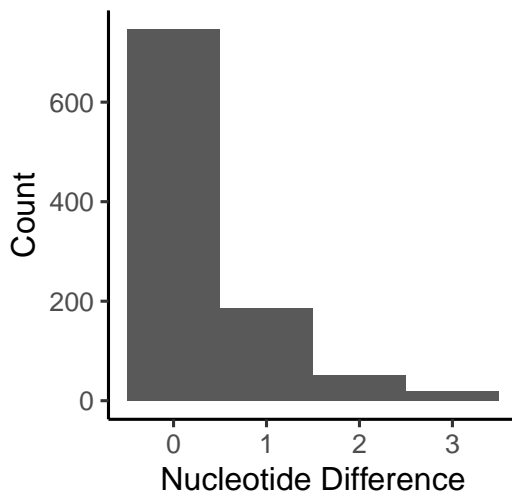
TRBV15*02

568 sequences assigned
361 (63.6%) exact matches, in which:
334 unique CDR3
14 unique J



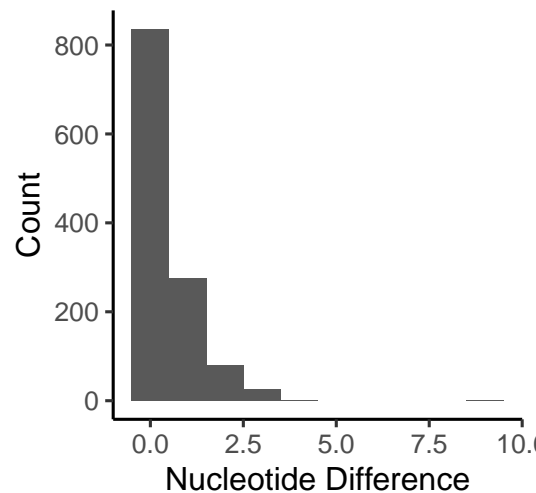
TRBV18*01

1005 sequences assigned
747 (74.3%) exact matches, in which:
677 unique CDR3
14 unique J



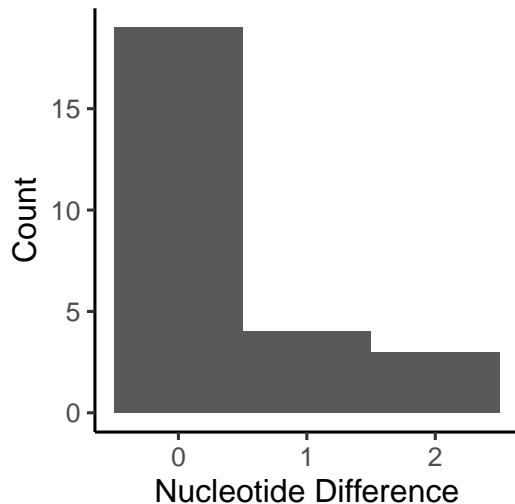
TRBV2*01

1220 sequences assigned
836 (68.5%) exact matches, in which:
765 unique CDR3
14 unique J



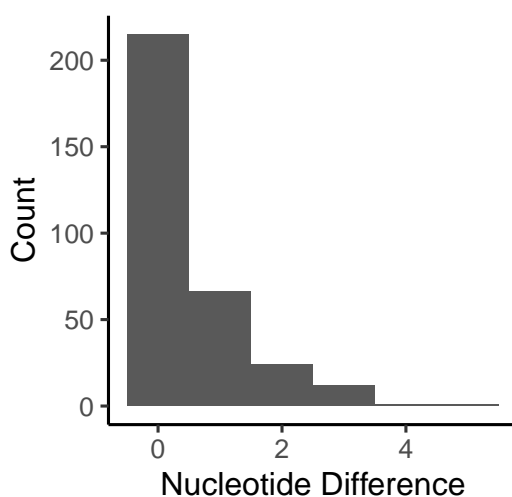
TRBV16*01

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



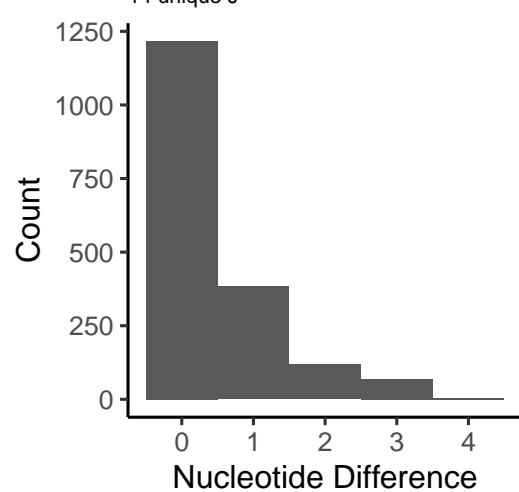
TRBV19*01

319 sequences assigned
215 (67.4%) exact matches, in which:
162 unique CDR3
13 unique J



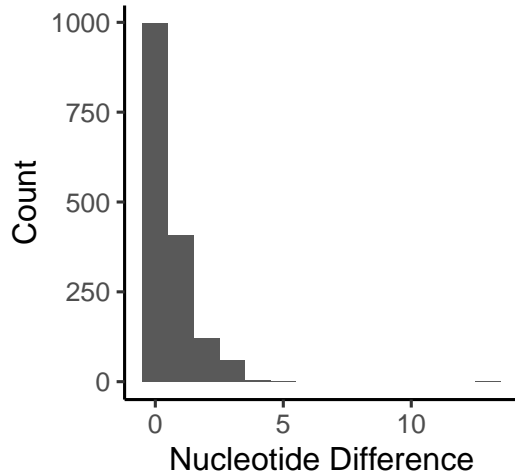
TRBV27*01

1791 sequences assigned
1217 (68%) exact matches, in which:
1012 unique CDR3
14 unique J



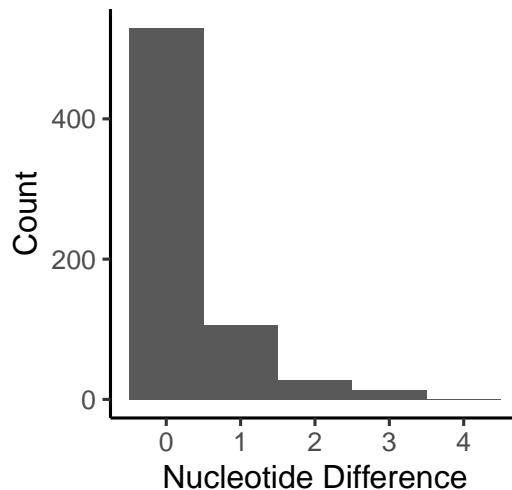
TRBV28*01

1593 sequences assigned
997 (62.6%) exact matches, in which:
734 unique CDR3
14 unique J



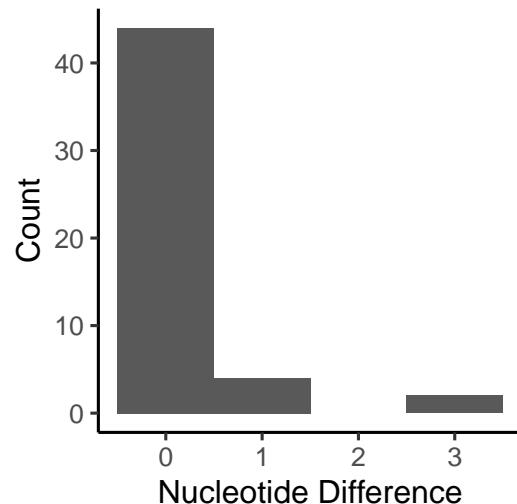
TRBV21-1*01

678 sequences assigned
530 (78.2%) exact matches, in which:
456 unique CDR3
14 unique J



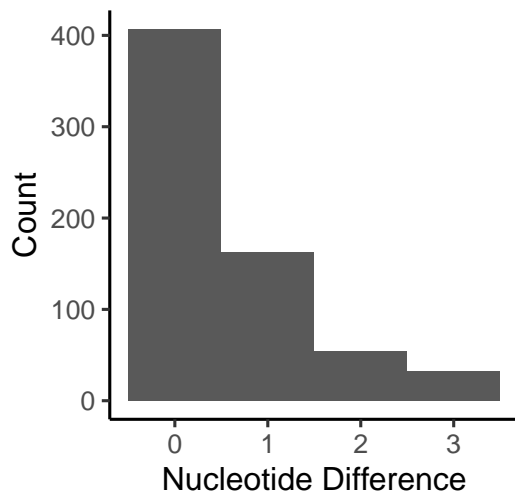
TRBV11-3*01

50 sequences assigned
44 (88%) exact matches, in which:
44 unique CDR3
10 unique J



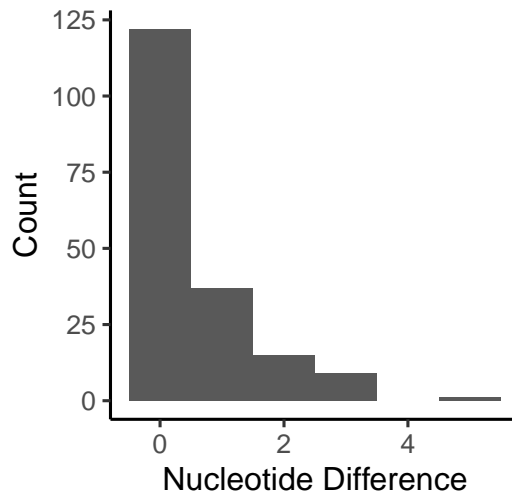
TRBV30*01

656 sequences assigned
407 (62%) exact matches, in which:
337 unique CDR3
14 unique J



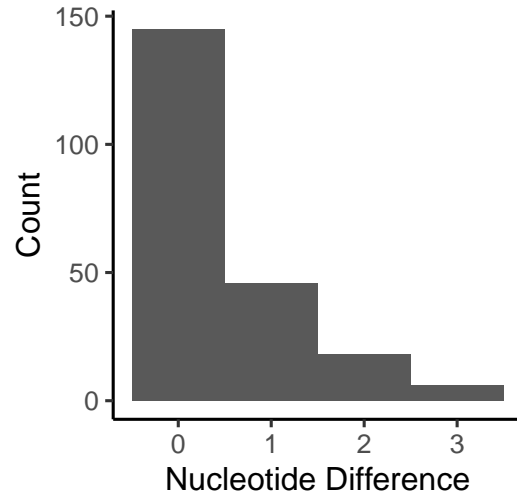
TRBV11-1*01

184 sequences assigned
122 (66.3%) exact matches, in which:
116 unique CDR3
12 unique J



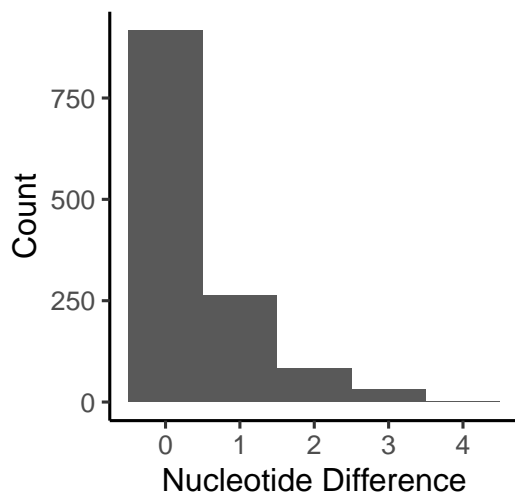
TRBV11-3*04

215 sequences assigned
145 (67.4%) exact matches, in which:
144 unique CDR3
13 unique J



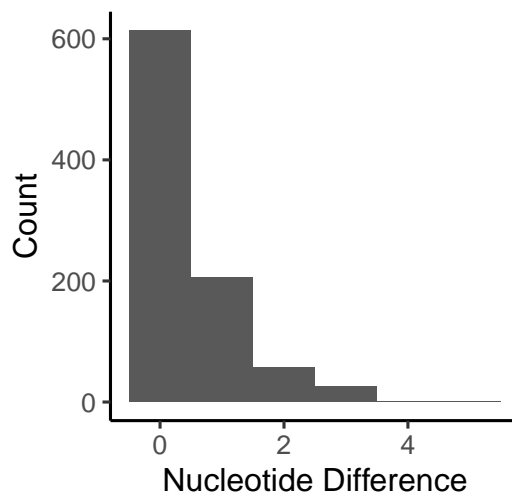
TRBV9*01

1296 sequences assigned
917 (70.8%) exact matches, in which:
847 unique CDR3
14 unique J



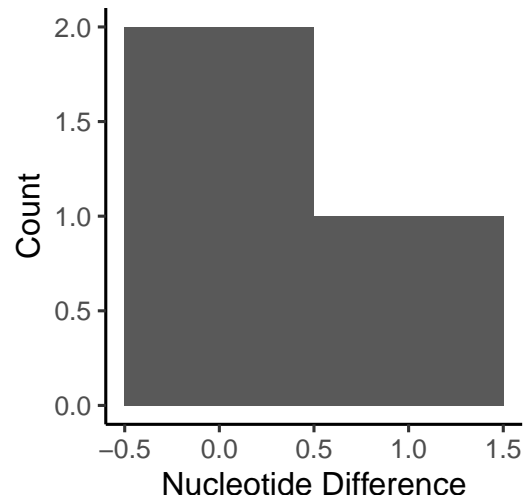
TRBV11-2*01

904 sequences assigned
614 (67.9%) exact matches, in which:
530 unique CDR3
14 unique J



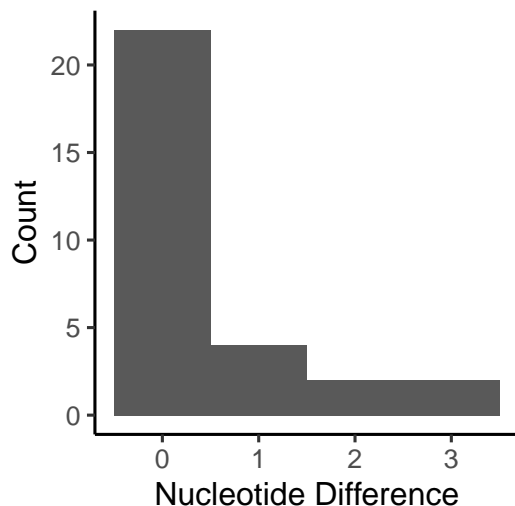
TRBV12-1*01

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



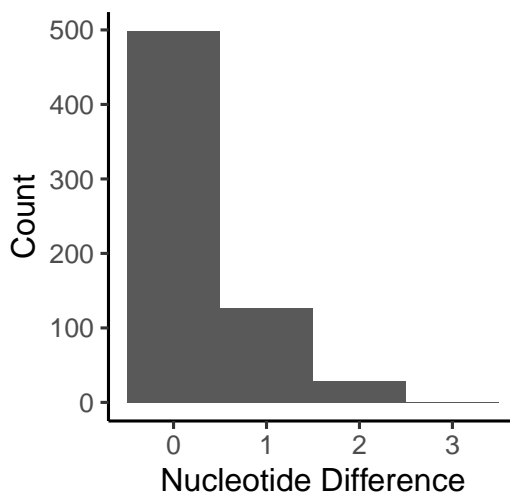
TRBV12-2*01

30 sequences assigned
22 (73.3%) exact matches, in which:
22 unique CDR3
8 unique J



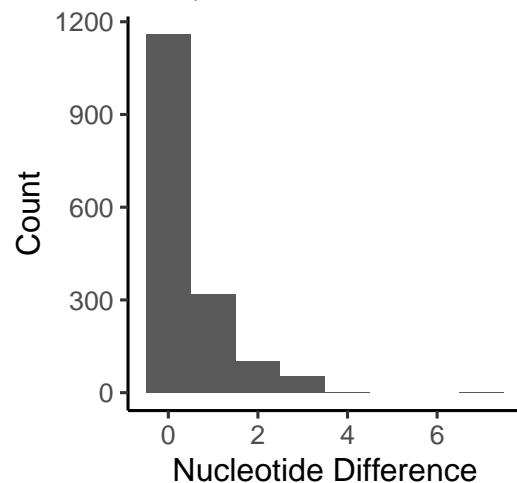
TRBV12-4*01_C87T

656 sequences assigned
499 (76.1%) exact matches, in which:
467 unique CDR3
13 unique J



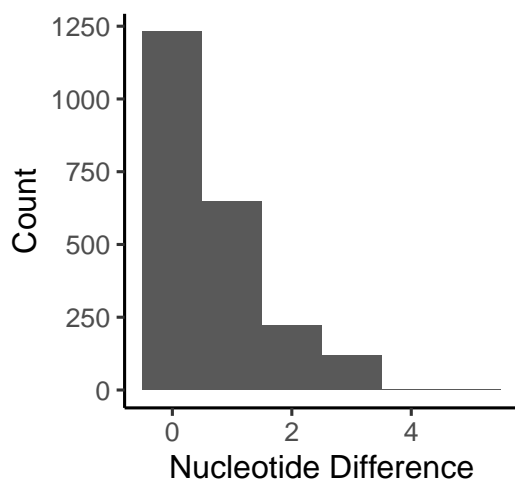
TRBV3-1*01

1633 sequences assigned
1159 (71%) exact matches, in which:
1044 unique CDR3
14 unique J



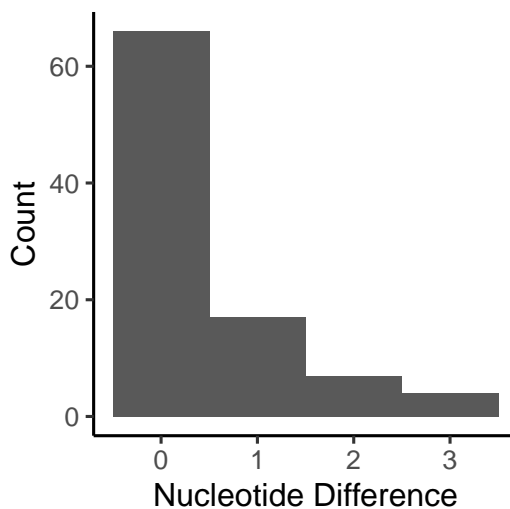
TRBV12-3*01

2224 sequences assigned
1231 (55.4%) exact matches, in which:
1024 unique CDR3
14 unique J



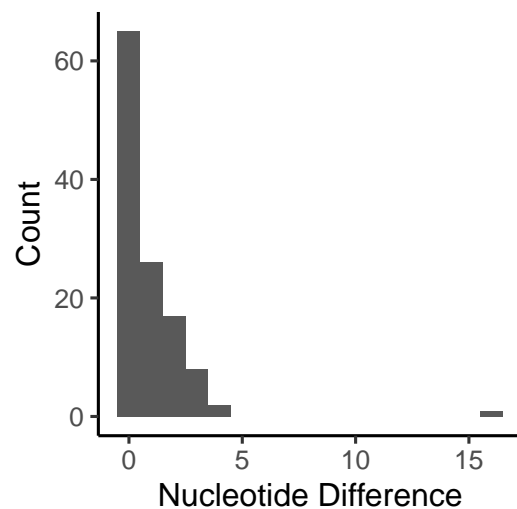
TRBV12-5*01

94 sequences assigned
66 (70.2%) exact matches, in which:
65 unique CDR3
12 unique J



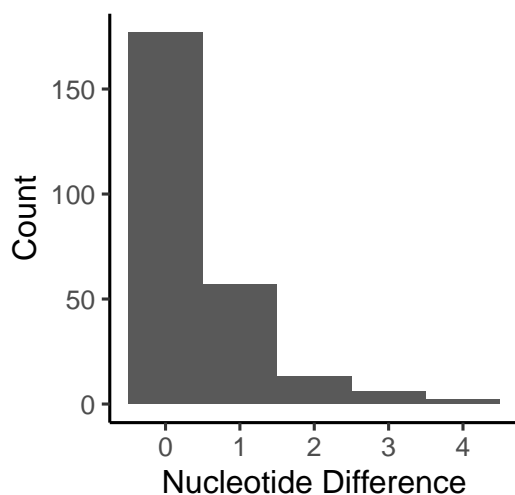
TRBV23-1*01

119 sequences assigned
65 (54.6%) exact matches, in which:
57 unique CDR3
13 unique J



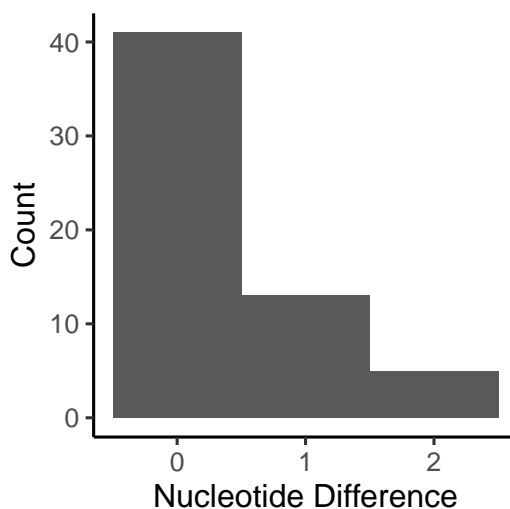
TRBV12-4*01

255 sequences assigned
177 (69.4%) exact matches, in which:
165 unique CDR3
13 unique J



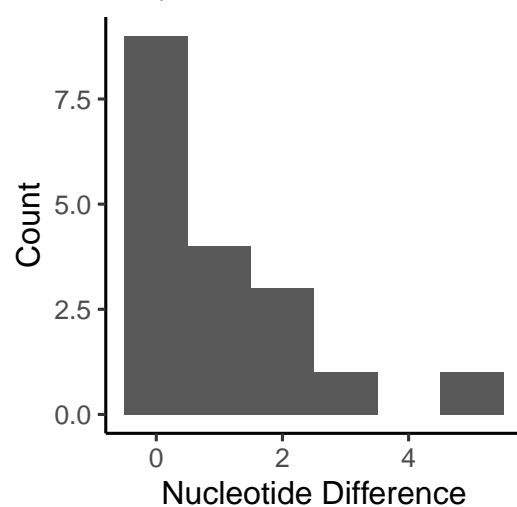
TRBV12-5*01_C28G

59 sequences assigned
41 (69.5%) exact matches, in which:
40 unique CDR3
10 unique J



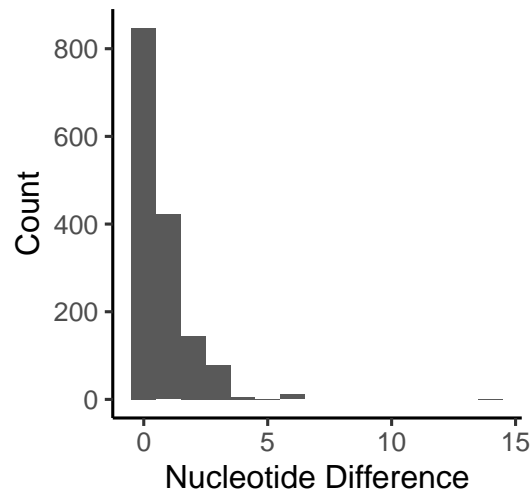
TRBV3-2*02

18 sequences assigned
9 (50%) exact matches, in which:
9 unique CDR3
9 unique J



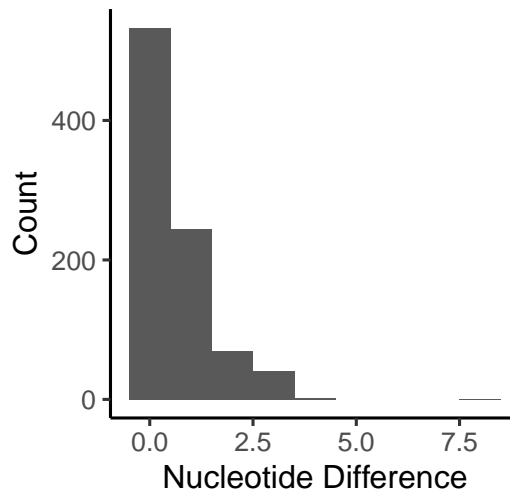
TRBV24-1*01

1512 sequences assigned
848 (56.1%) exact matches, in which:
633 unique CDR3
14 unique J



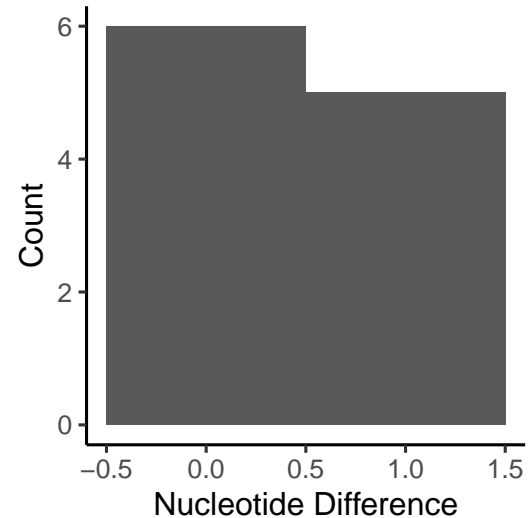
TRBV4-3*01

890 sequences assigned
533 (59.9%) exact matches, in which:
430 unique CDR3
13 unique J



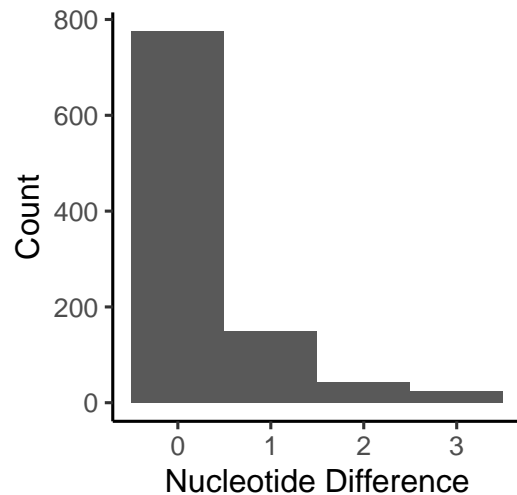
TRBV5-3*01

11 sequences assigned
6 (54.5%) exact matches, in which:
6 unique CDR3
5 unique J



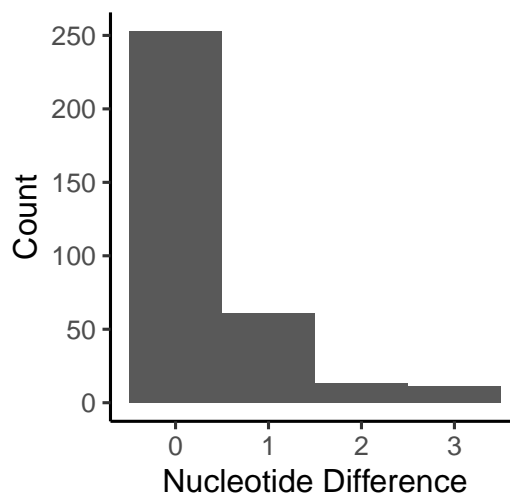
TRBV4-1*01

992 sequences assigned
776 (78.2%) exact matches, in which:
667 unique CDR3
14 unique J



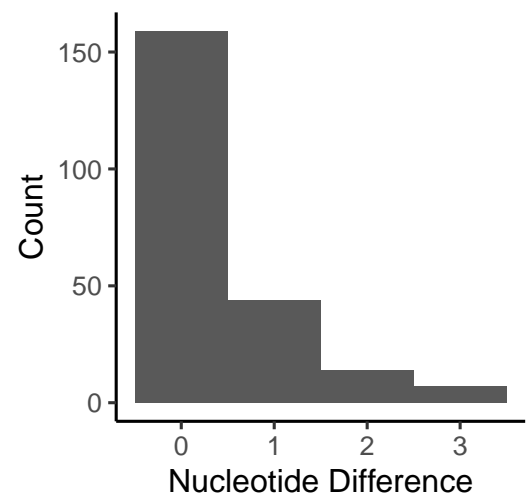
TRBV25-1*01

338 sequences assigned
253 (74.9%) exact matches, in which:
241 unique CDR3
14 unique J



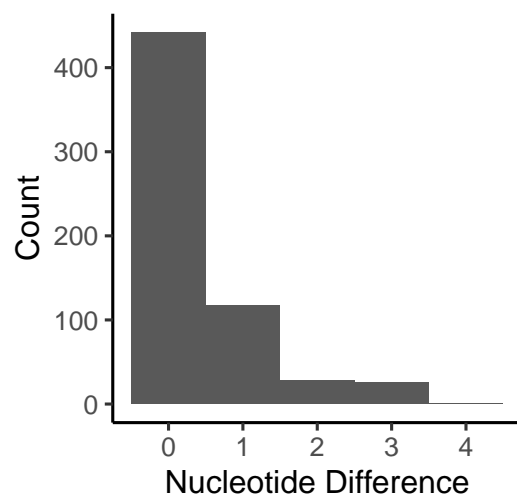
TRBV5-4*01

224 sequences assigned
159 (71%) exact matches, in which:
144 unique CDR3
13 unique J



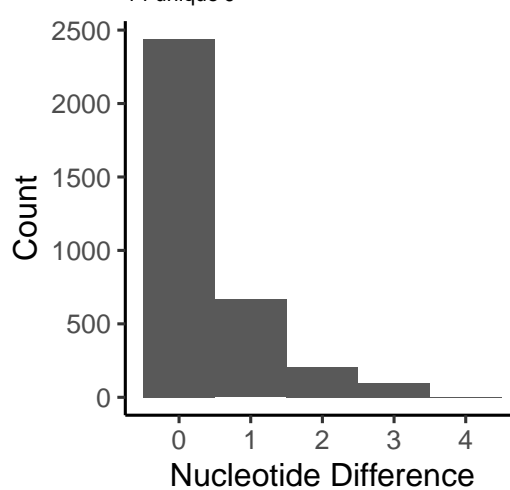
TRBV4-2*01

614 sequences assigned
442 (72%) exact matches, in which:
389 unique CDR3
14 unique J



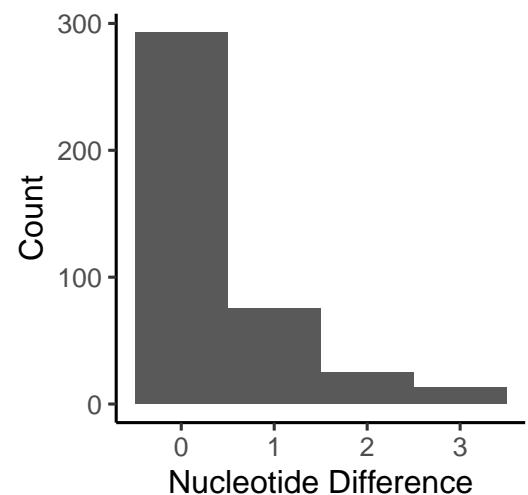
TRBV5-1*01

3411 sequences assigned
2439 (71.5%) exact matches, in which:
2246 unique CDR3
14 unique J



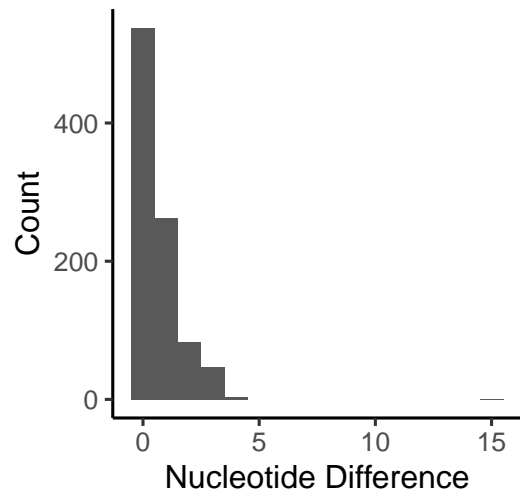
TRBV5-5*02_322TTGG3

406 sequences assigned
293 (72.2%) exact matches, in which:
256 unique CDR3
14 unique J



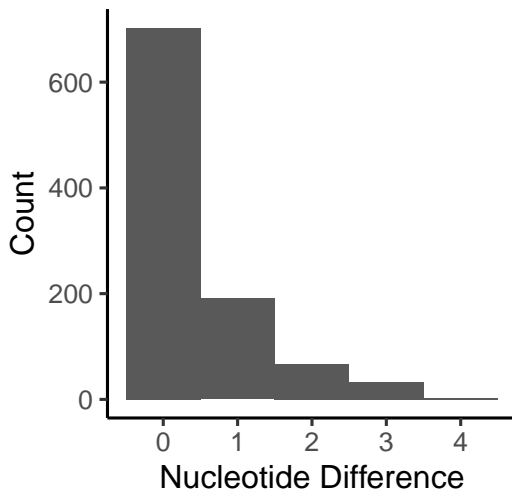
TRBV5-6*01

934 sequences assigned
538 (57.6%) exact matches, in which:
372 unique CDR3
15 unique J



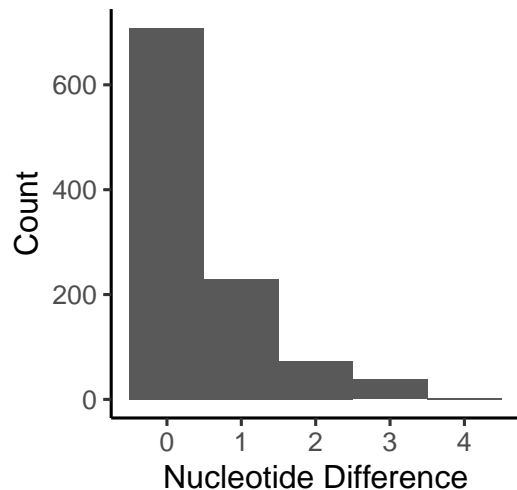
TRBV6-1*01

998 sequences assigned
703 (70.4%) exact matches, in which:
646 unique CDR3
14 unique J



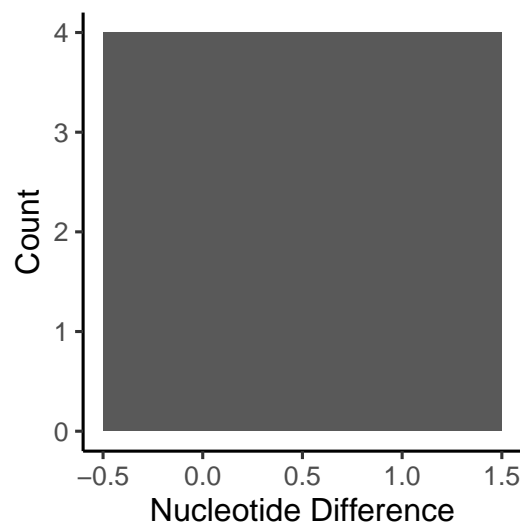
TRBV6-6*01

1052 sequences assigned
709 (67.4%) exact matches, in which:
587 unique CDR3
14 unique J



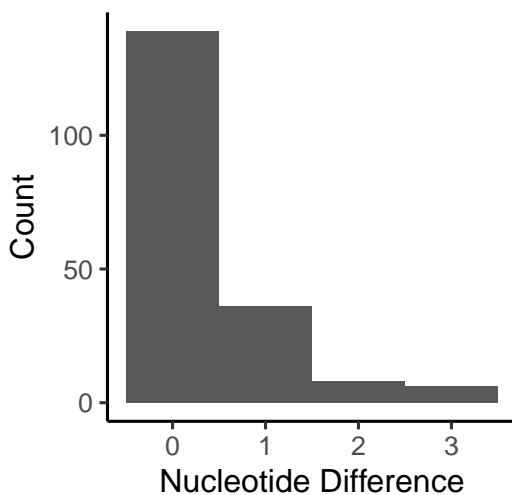
TRBV5-7*01

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



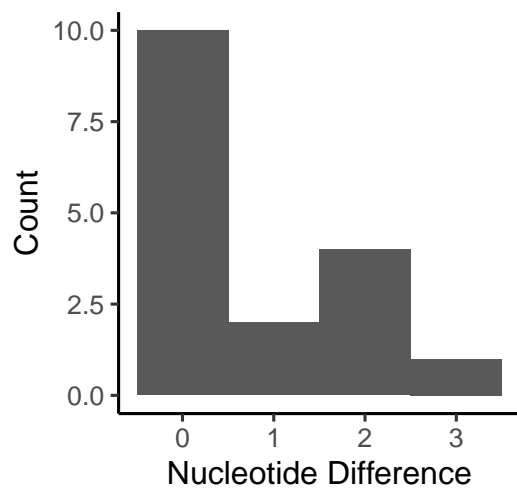
TRBV6-4*01

189 sequences assigned
139 (73.5%) exact matches, in which:
122 unique CDR3
13 unique J



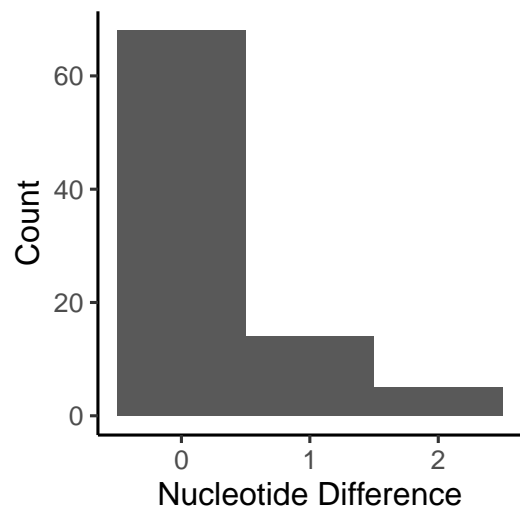
TRBV6-7*01

17 sequences assigned
10 (58.8%) exact matches, in which:
10 unique CDR3
8 unique J



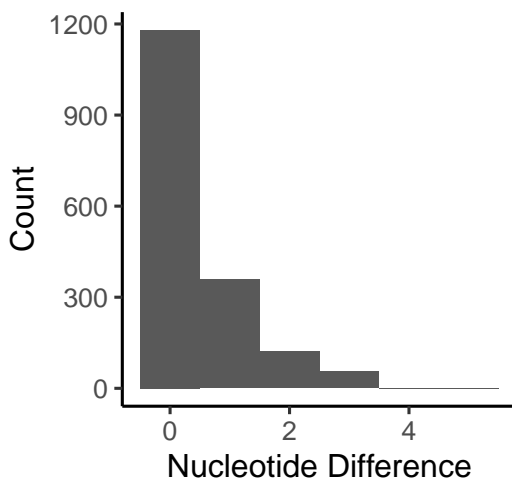
TRBV5-8*01

87 sequences assigned
68 (78.2%) exact matches, in which:
59 unique CDR3
13 unique J



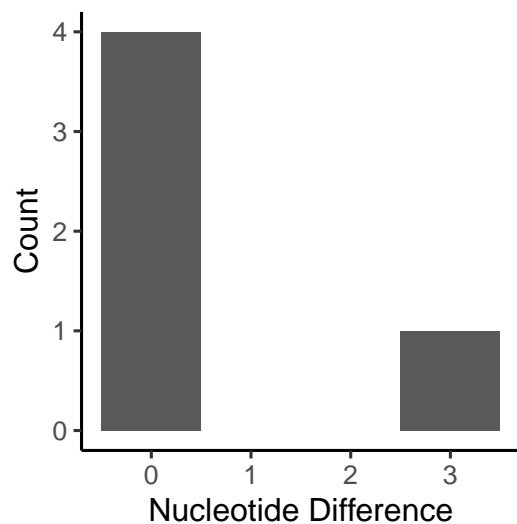
TRBV6-5*01

1718 sequences assigned
1180 (68.7%) exact matches, in which:
1048 unique CDR3
14 unique J



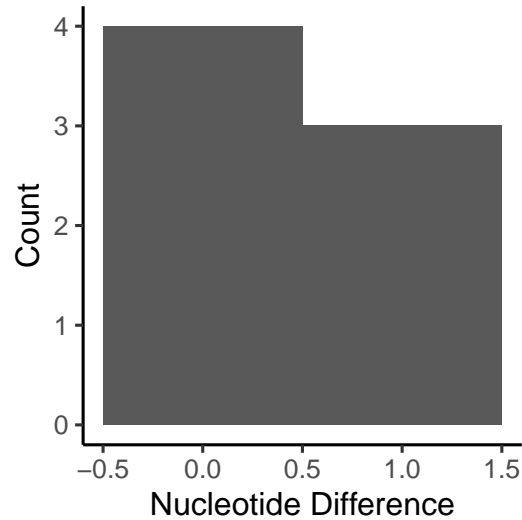
TRBV6-8*01

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



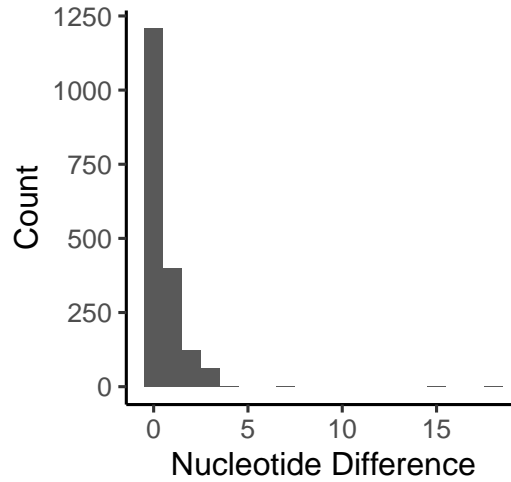
TRBV6-9*01

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



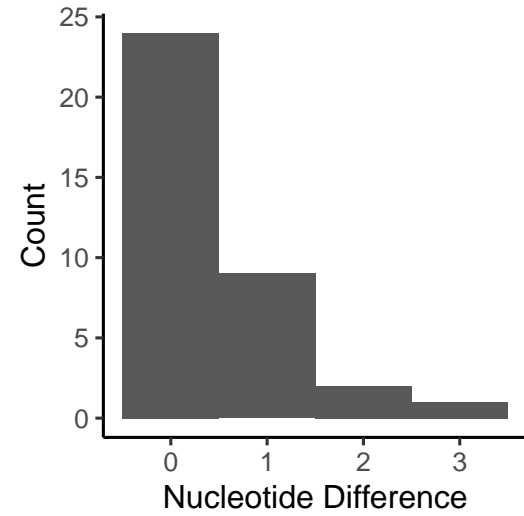
TRBV7-2*01

1795 sequences assigned
1208 (67.3%) exact matches, in which:
1080 unique CDR3
13 unique J



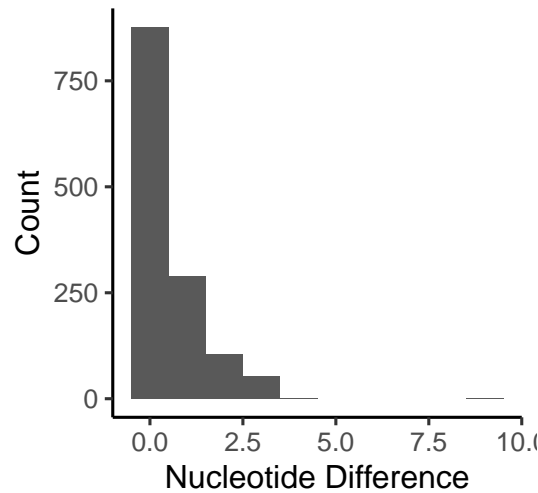
TRBV7-4*01

36 sequences assigned
24 (66.7%) exact matches, in which:
23 unique CDR3
9 unique J



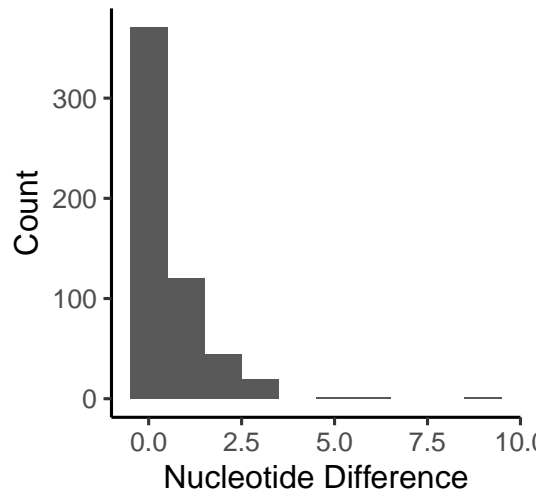
TRBV6-23*01

1329 sequences assigned
877 (66%) exact matches, in which:
731 unique CDR3
14 unique J



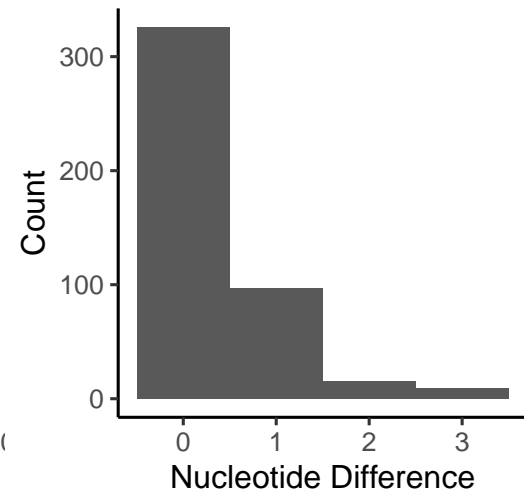
TRBV7-2*02

557 sequences assigned
371 (66.6%) exact matches, in which:
329 unique CDR3
13 unique J



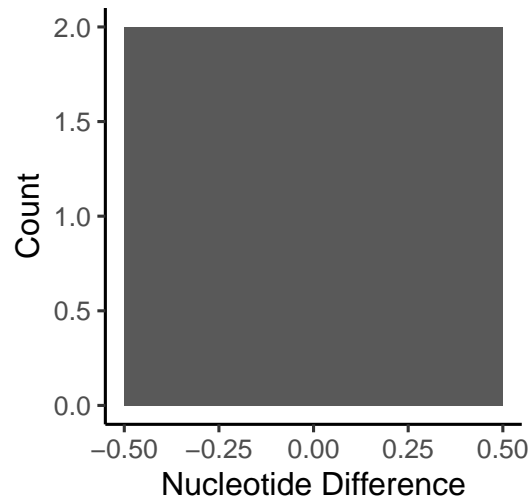
TRBV7-6*01

448 sequences assigned
326 (72.8%) exact matches, in which:
291 unique CDR3
14 unique J



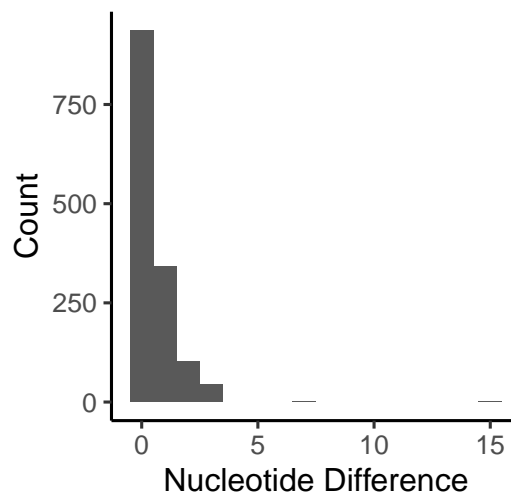
TRBV7-1*01

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



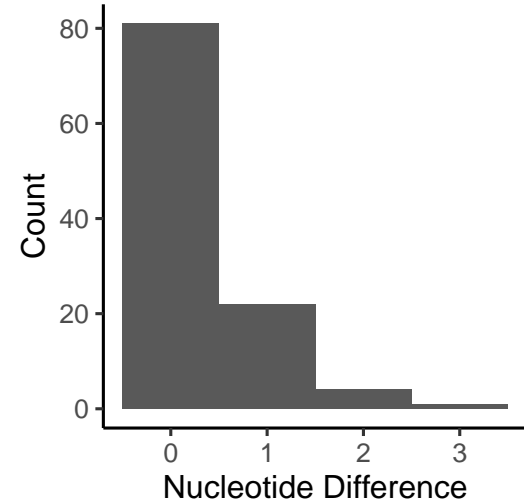
TRBV7-3*01

1427 sequences assigned
937 (65.7%) exact matches, in which:
797 unique CDR3
14 unique J



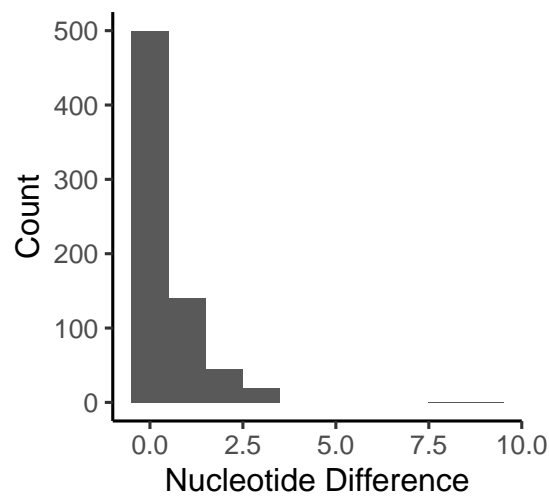
TRBV7-7*01_C315T

108 sequences assigned
81 (75%) exact matches, in which:
79 unique CDR3
8 unique J



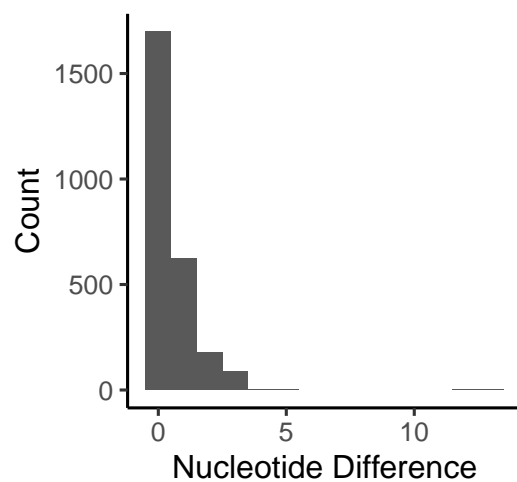
TRBV7–8*01

706 sequences assigned
500 (70.8%) exact matches, in which:
432 unique CDR3
14 unique J



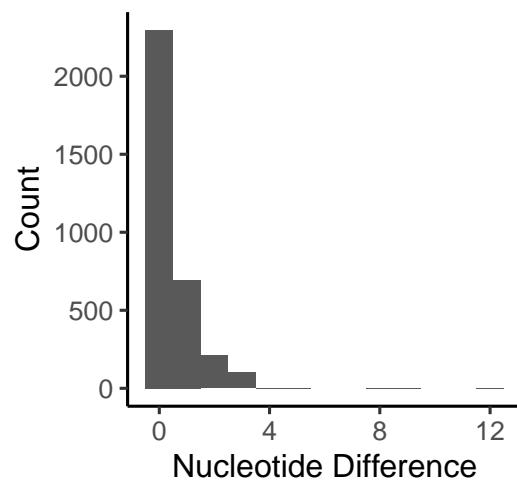
TRBV7–9*03

2596 sequences assigned
1698 (65.4%) exact matches, in which:
1454 unique CDR3
14 unique J

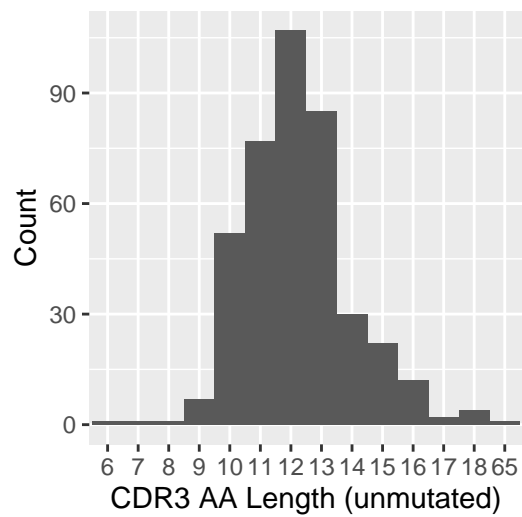


TRBV29–1*01

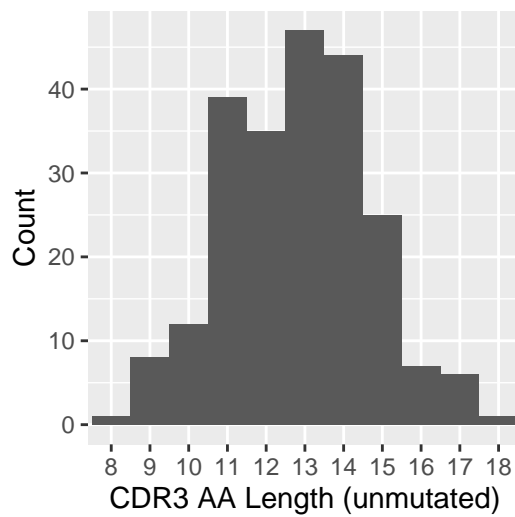
3309 sequences assigned
2296 (69.4%) exact matches, in which:
1911 unique CDR3
14 unique J



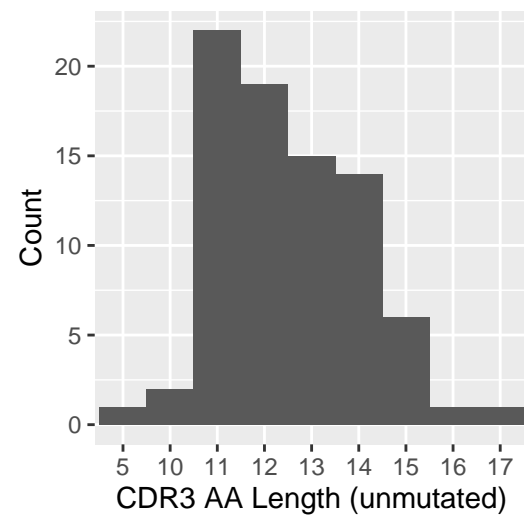
TRBV10-3*03_313GCCATC,



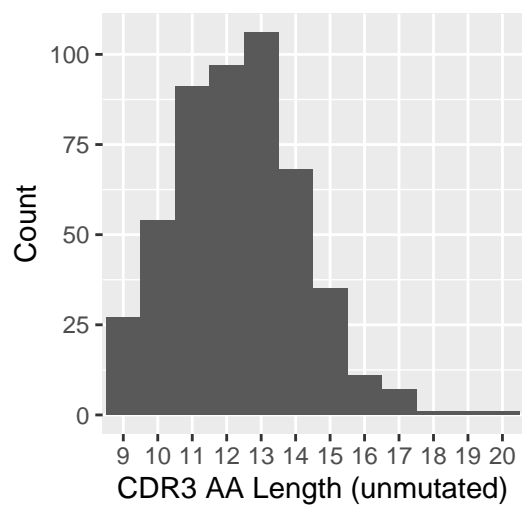
TRBV14*02_322CAAGA326



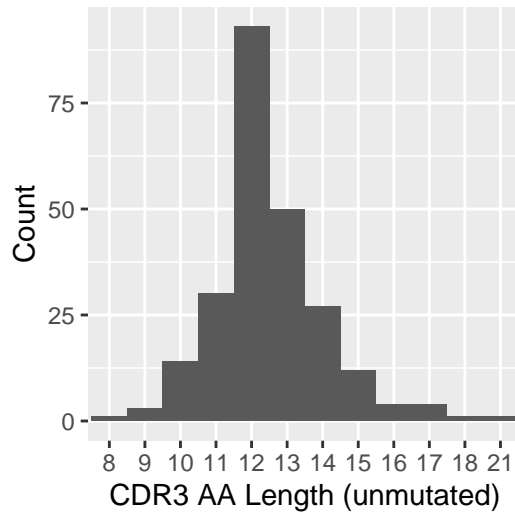
TRBV7-7*01_C315T



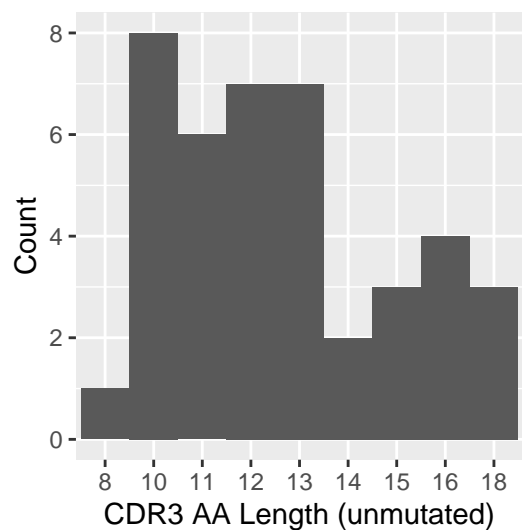
TRBV12-4*01_C87T



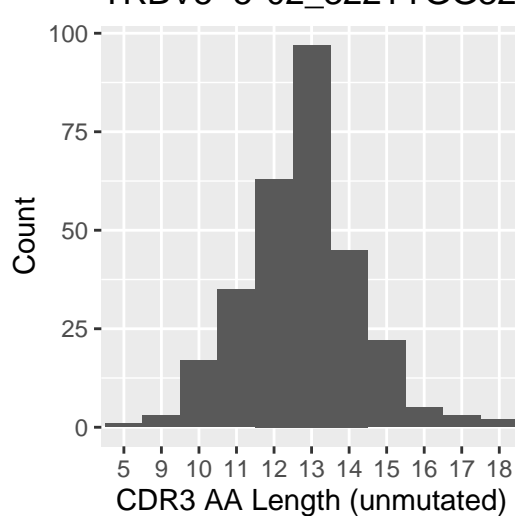
TRBV19*01_A24G

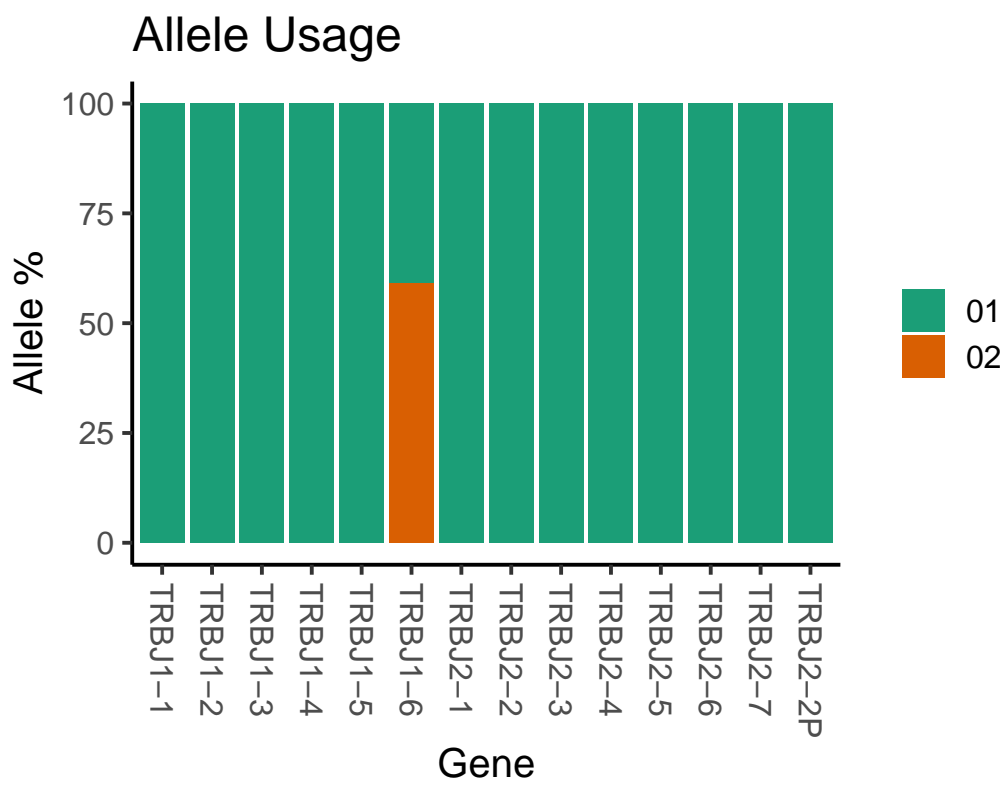


TRBV12-5*01_C28G



TRBV5-5*02_322TTGG325





Sequence Count by TRBJ1–6 allele usage

