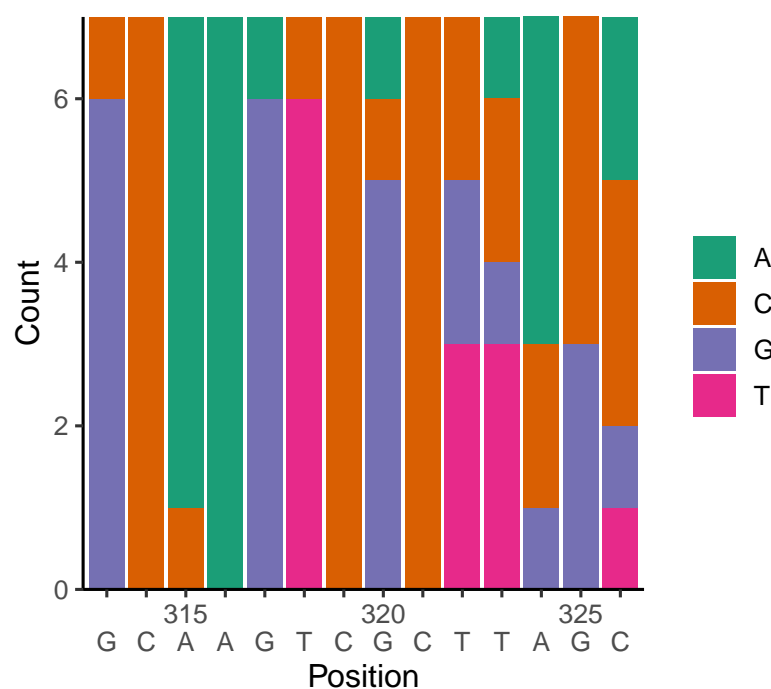
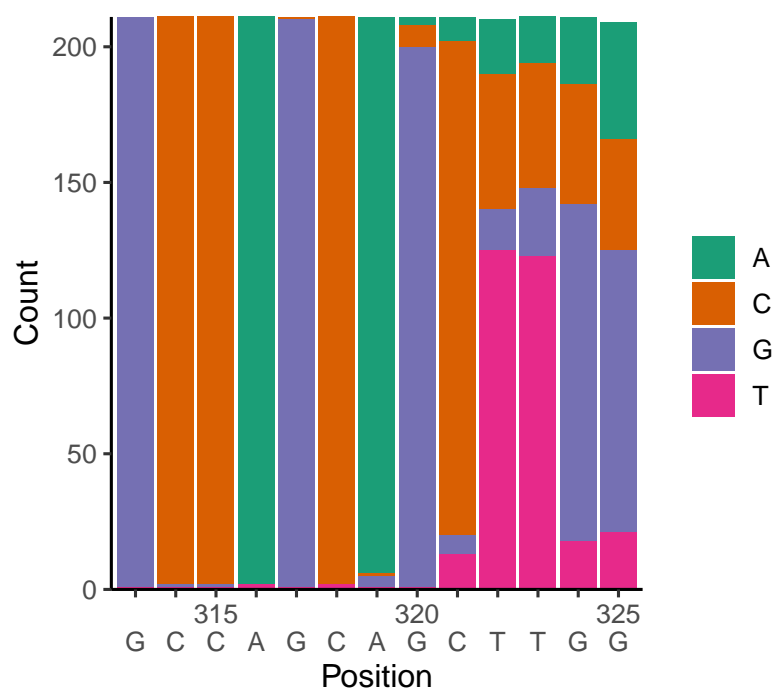


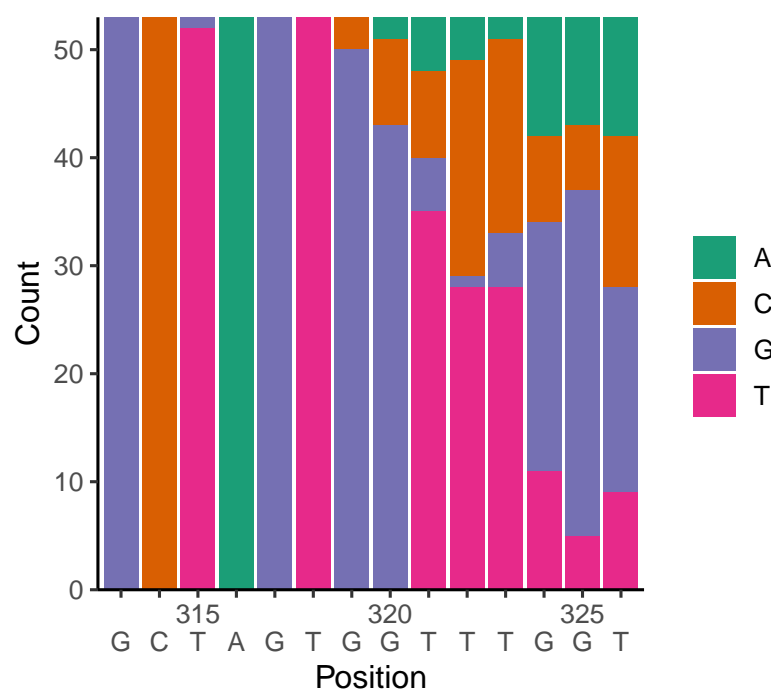
Gene TRBV12-2*01_T187C



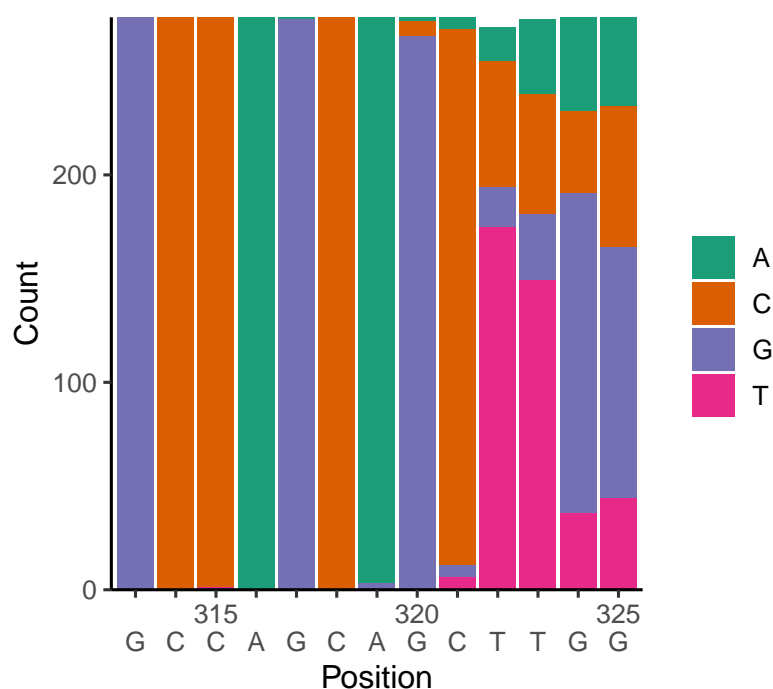
Gene TRBV5-5*02_322TTGG325



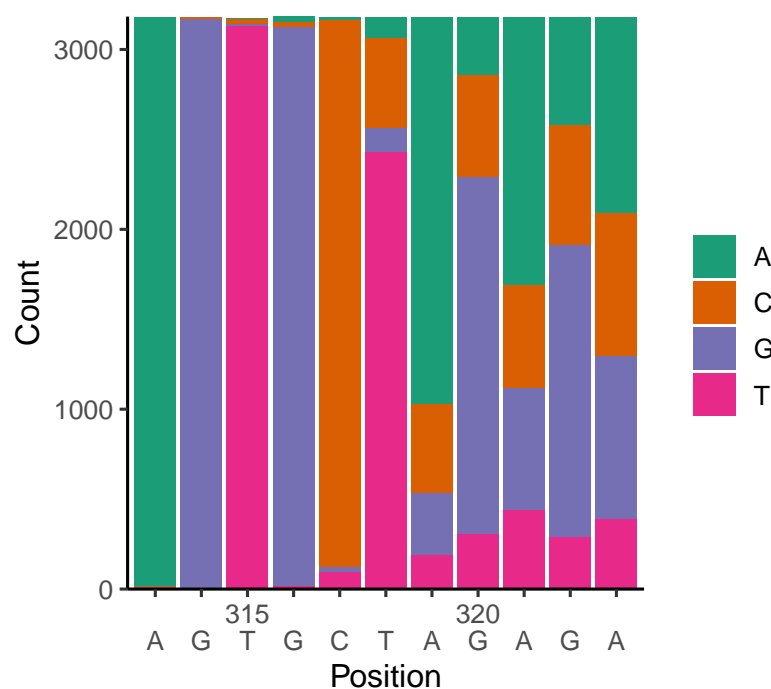
Gene TRBV12-5*01_C28G



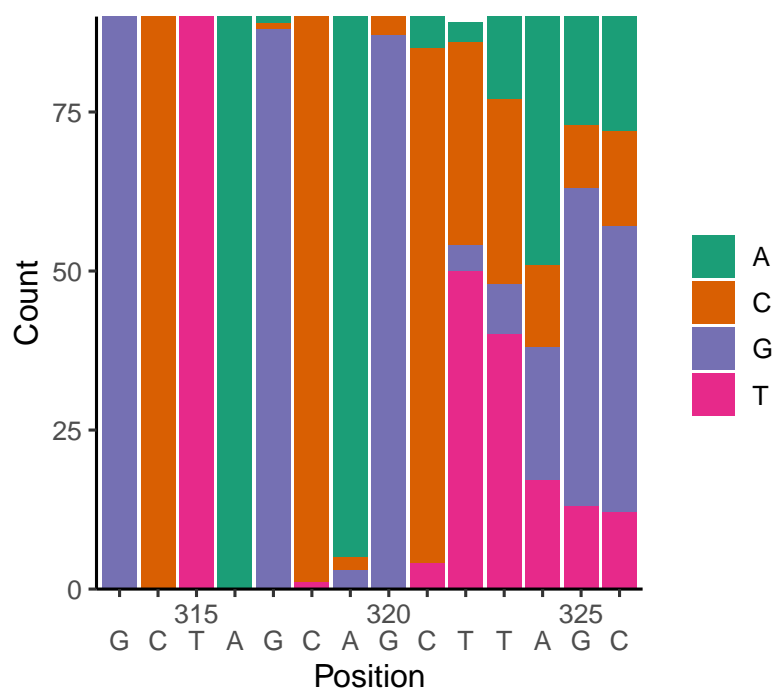
Gene TRBV5-6*01_T284G



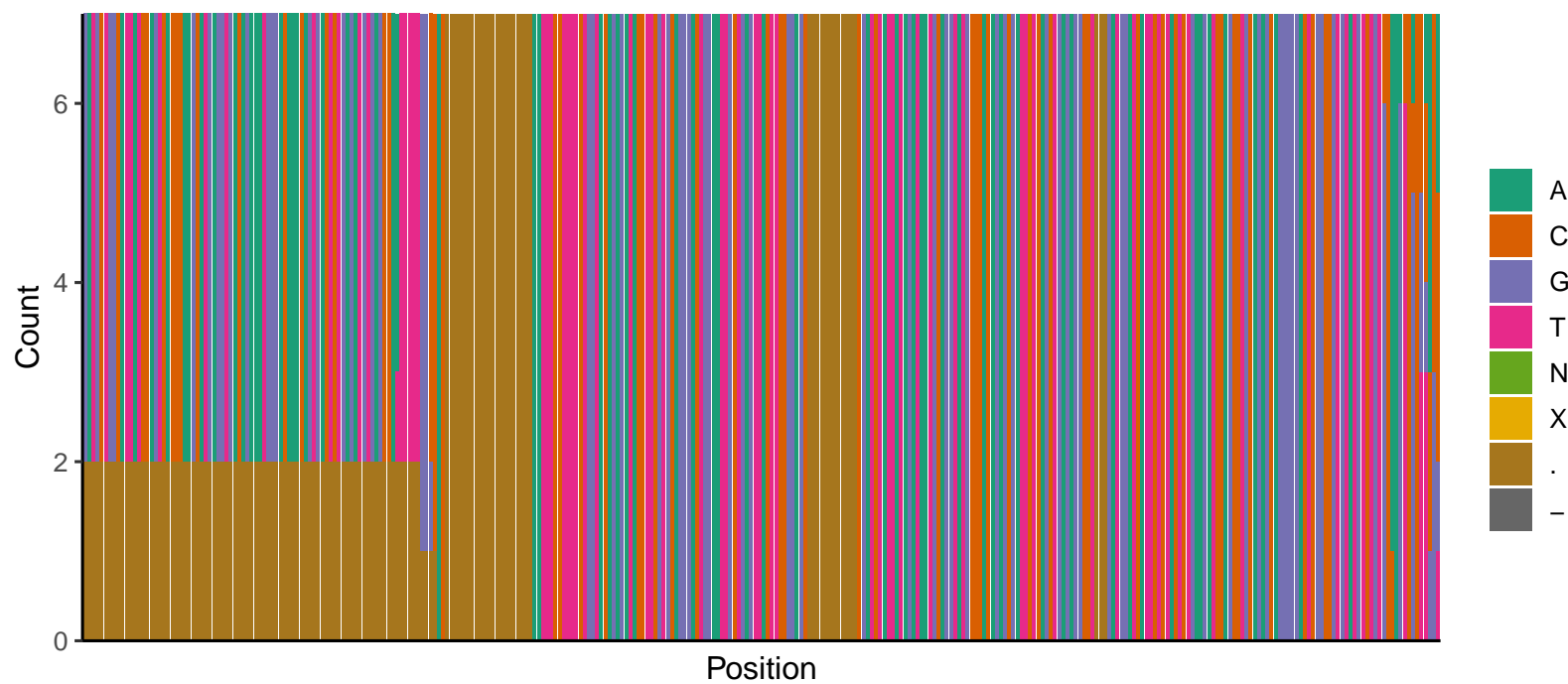
Gene TRBV20-1*02_319AGAGA323



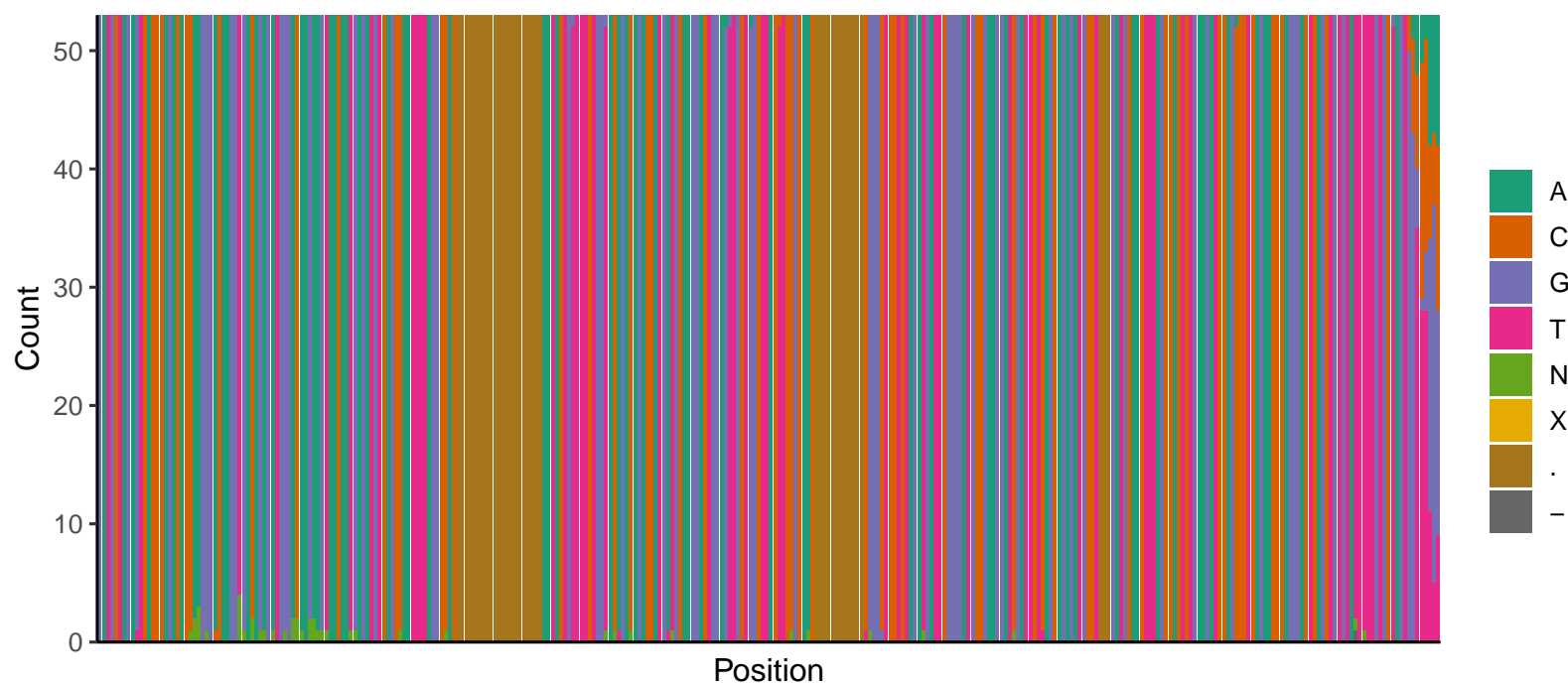
Gene TRBV7-7*01_C315T



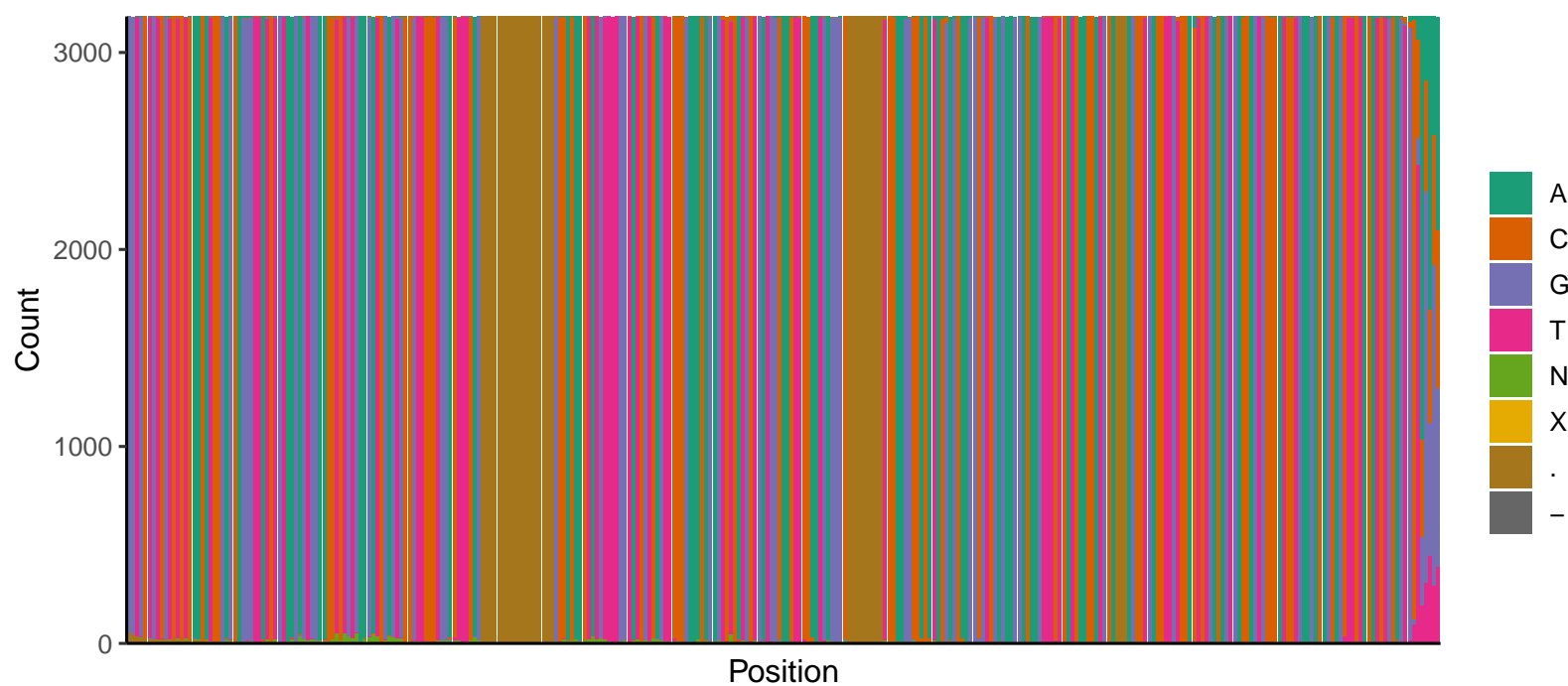
Gene TRBV12-2*01_T187C



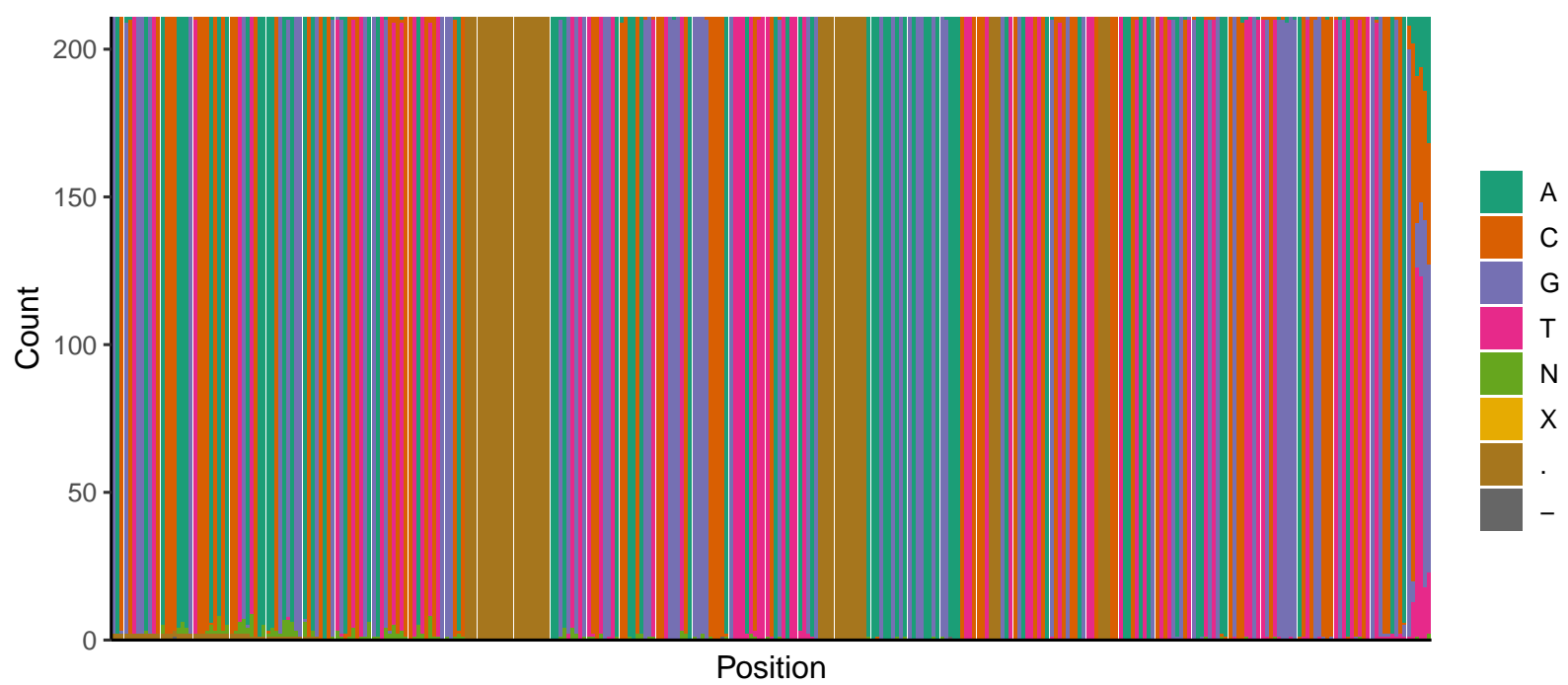
Gene TRBV12-5*01_C28G



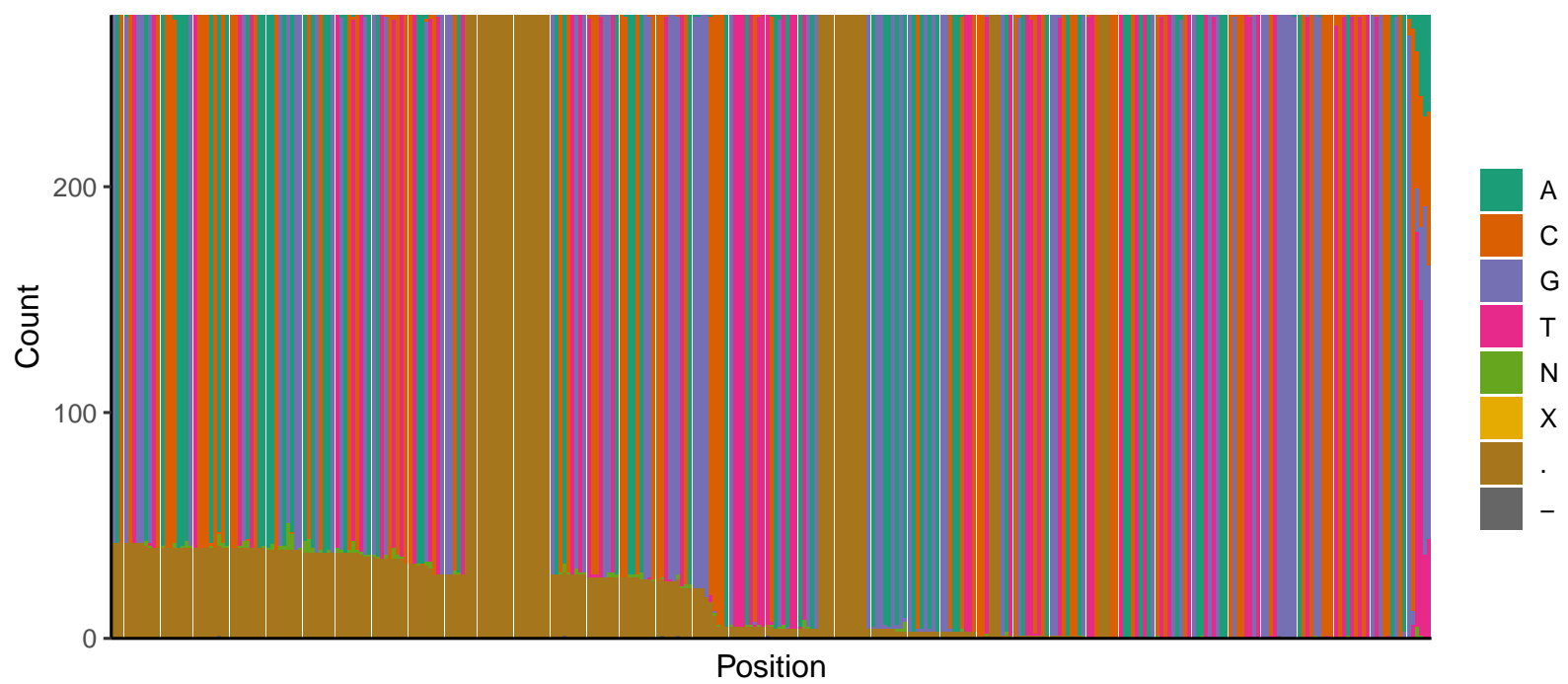
Gene TRBV20-1*02_319AGAGA323



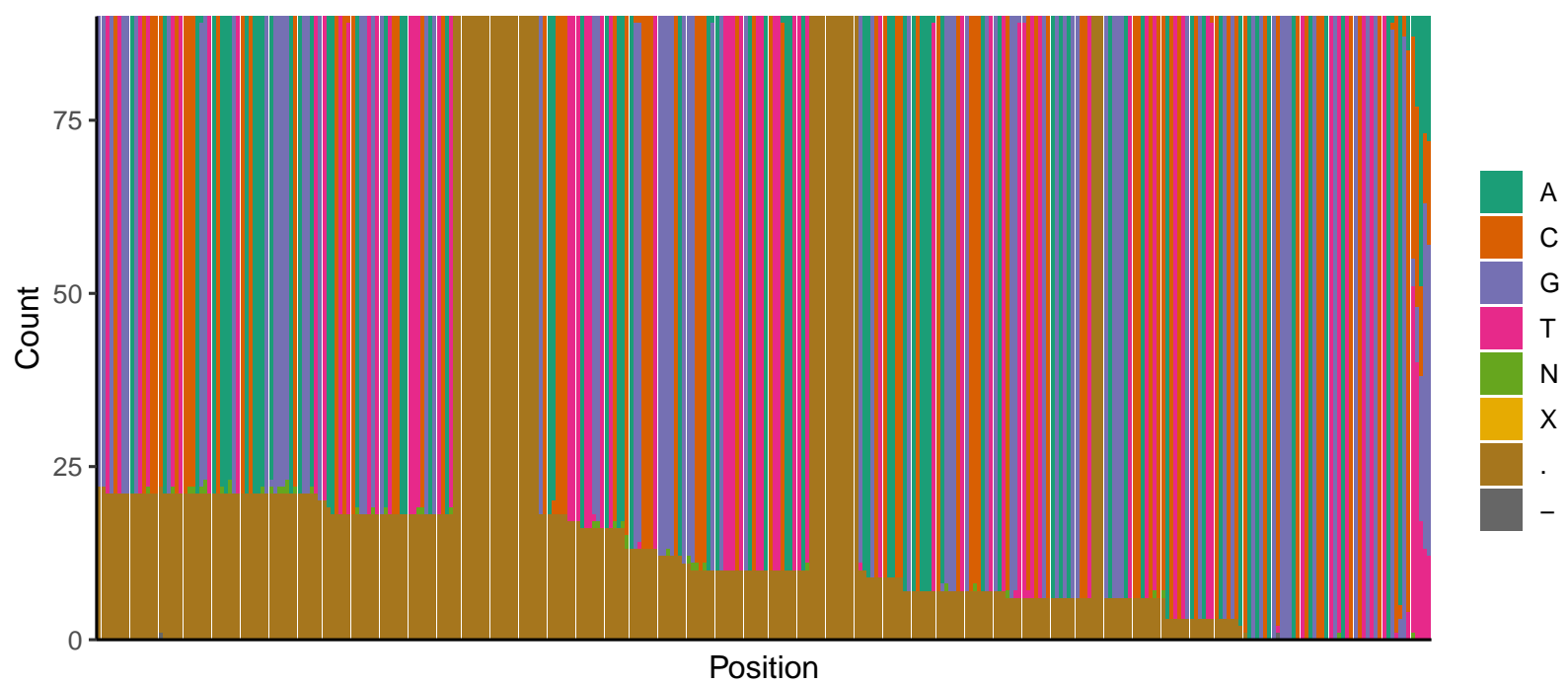
Gene TRBV5-5*02_322TTGG325



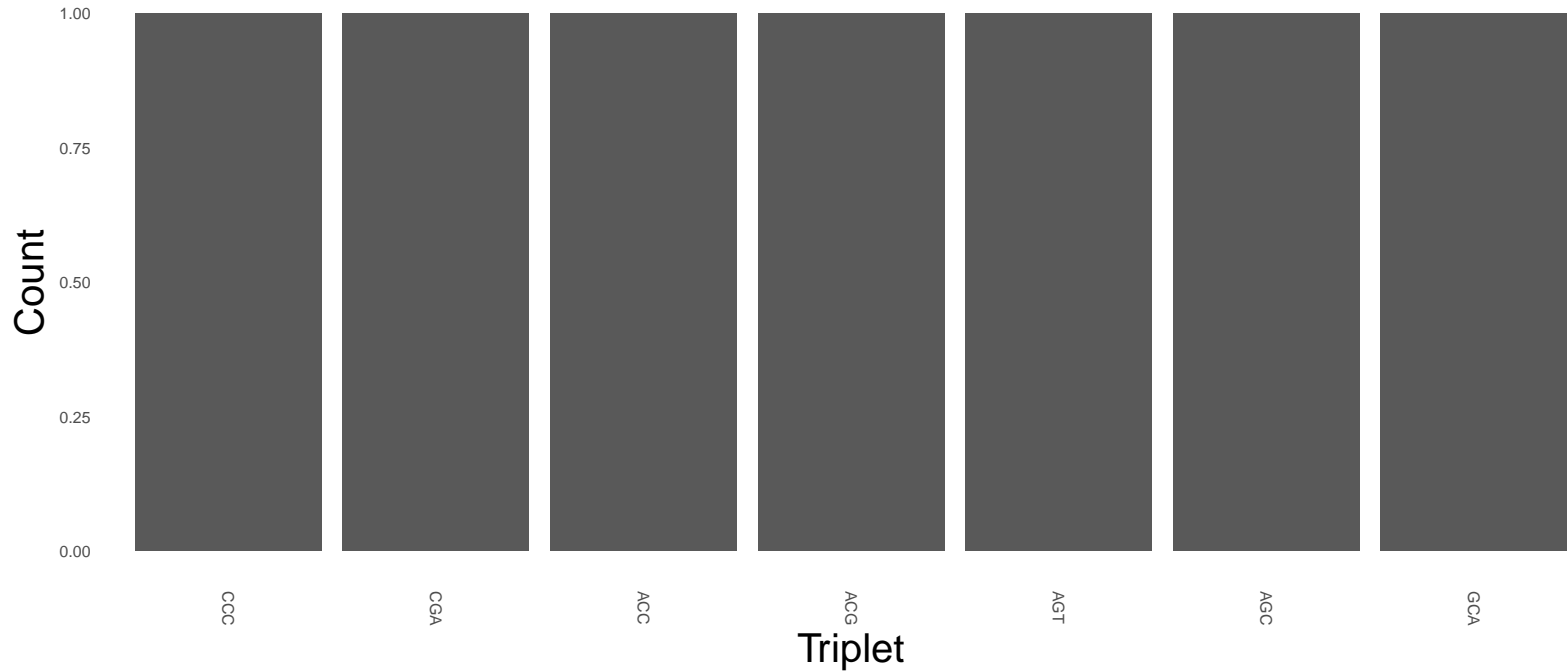
Gene TRBV5-6*01_T284G



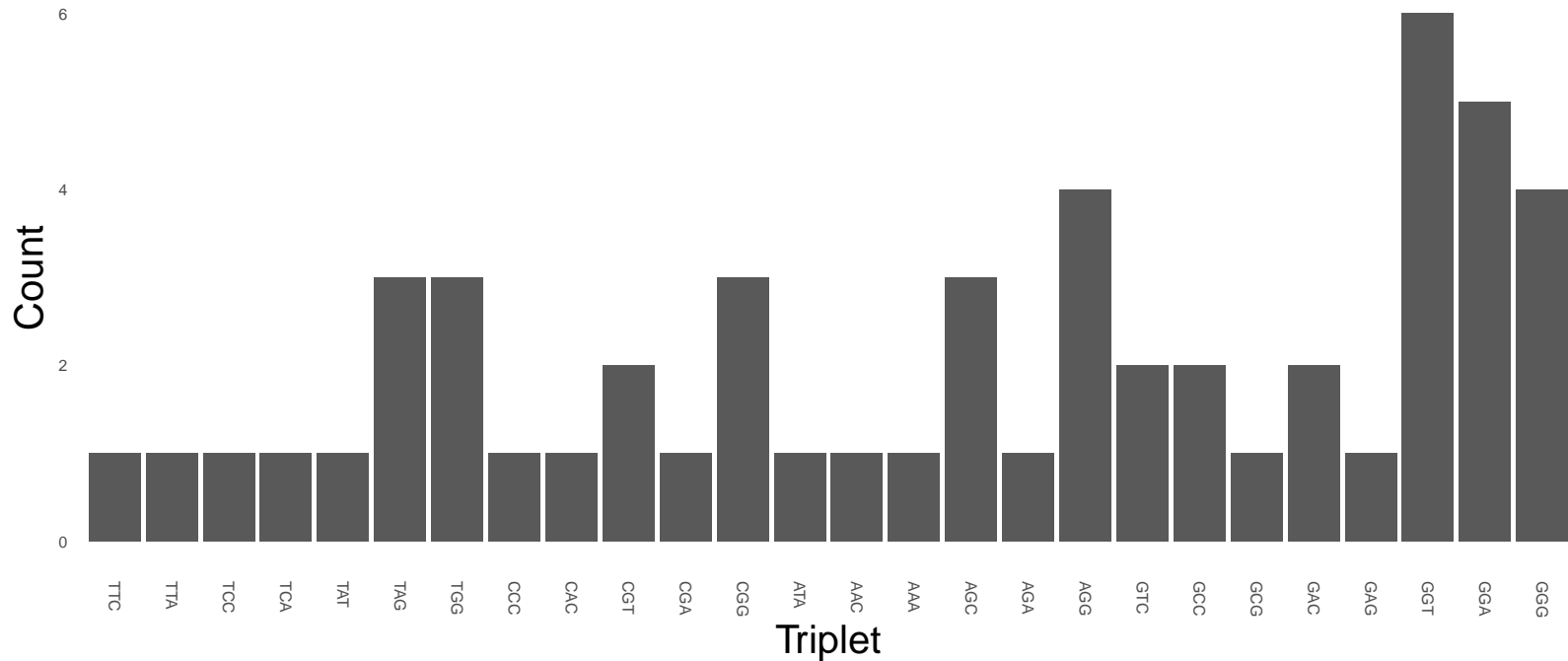
Gene TRBV7-7*01_C315T



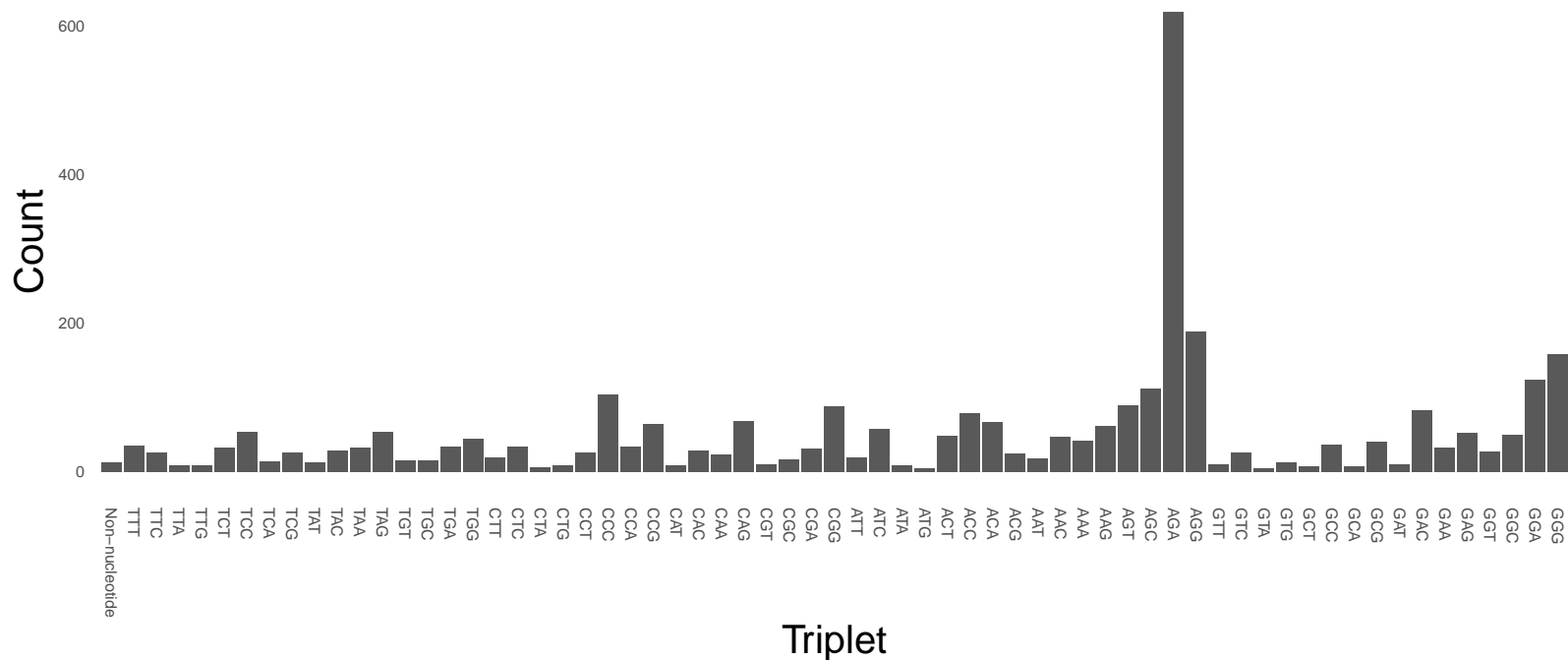
TRBV12-2*01_T187C- Final 3 nucleotides as a triplet



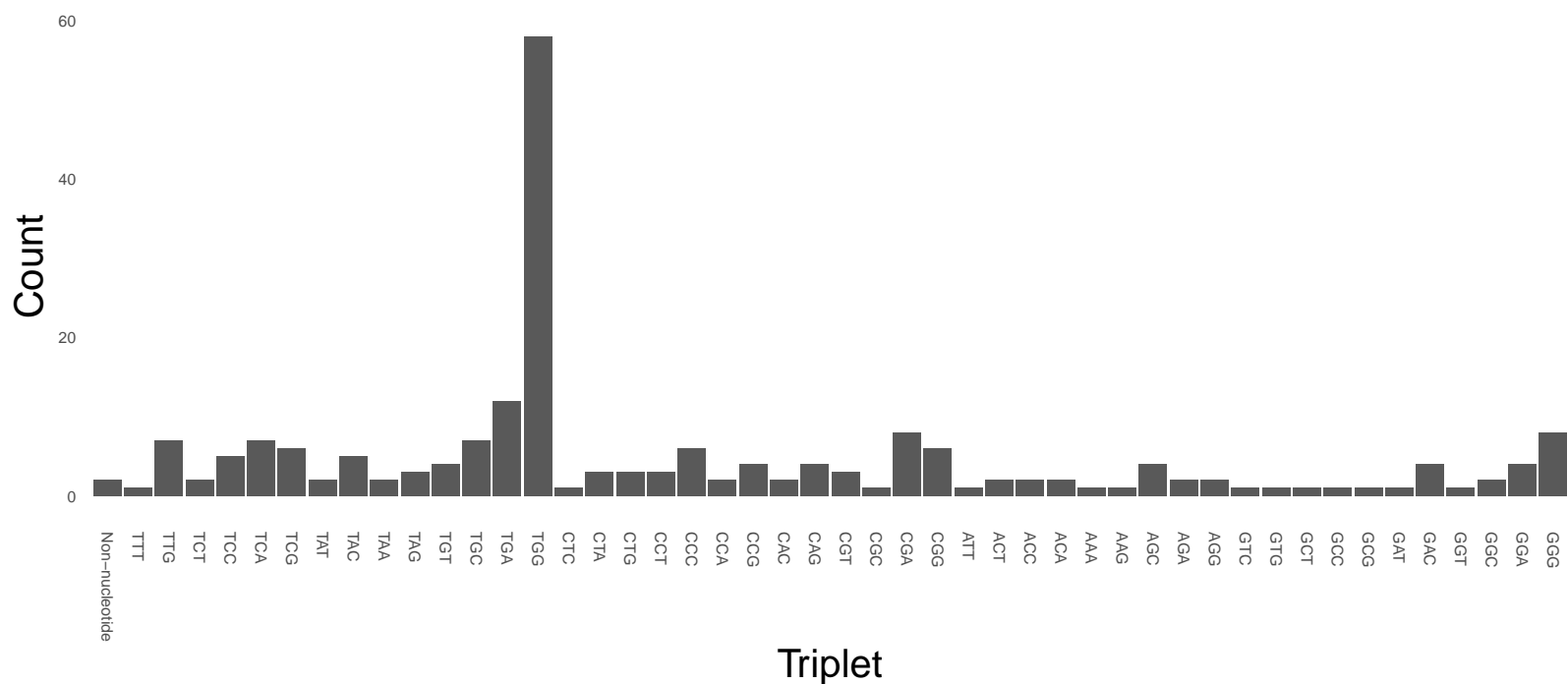
TRBV12-5*01_C28G- Final 3 nucleotides as a triplet



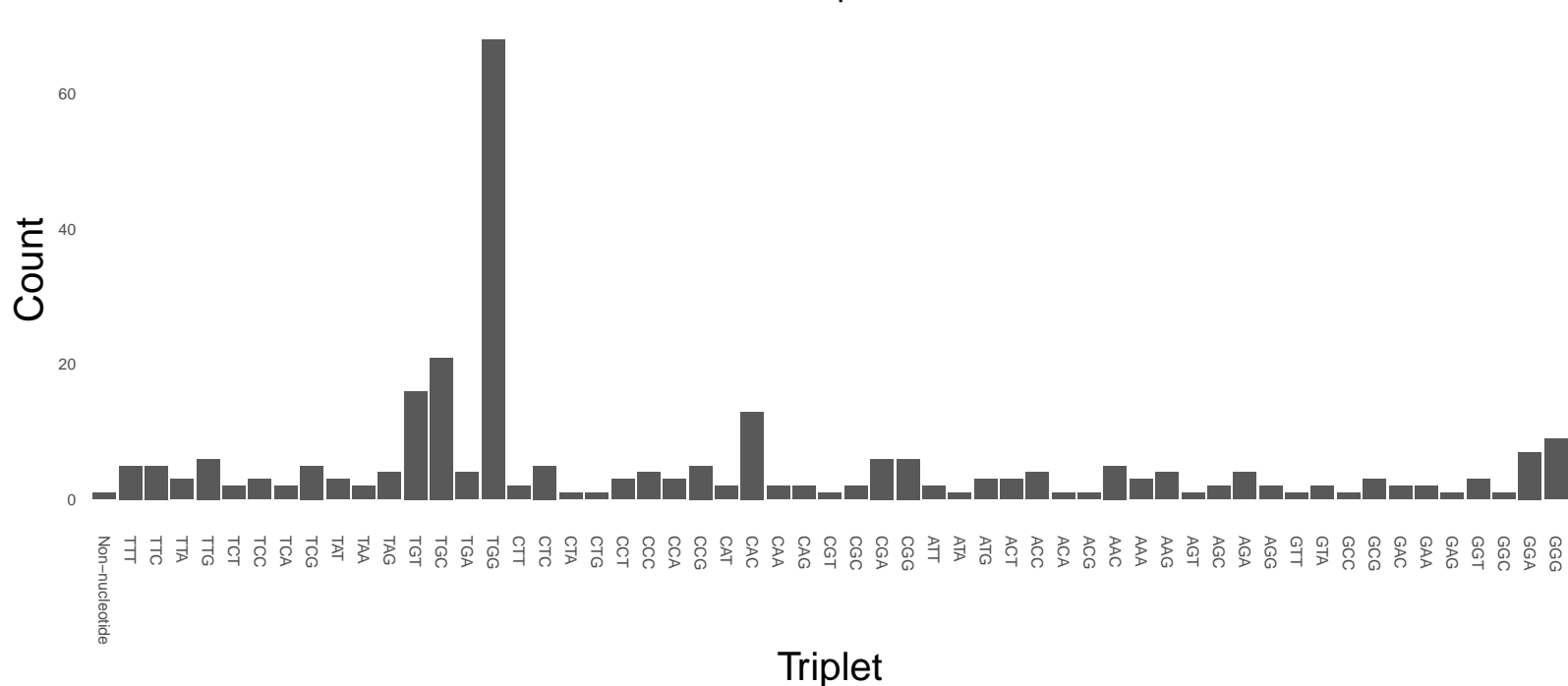
TRBV20-1*02_319AGAGA323- Final 3 nucleotides as a triplet



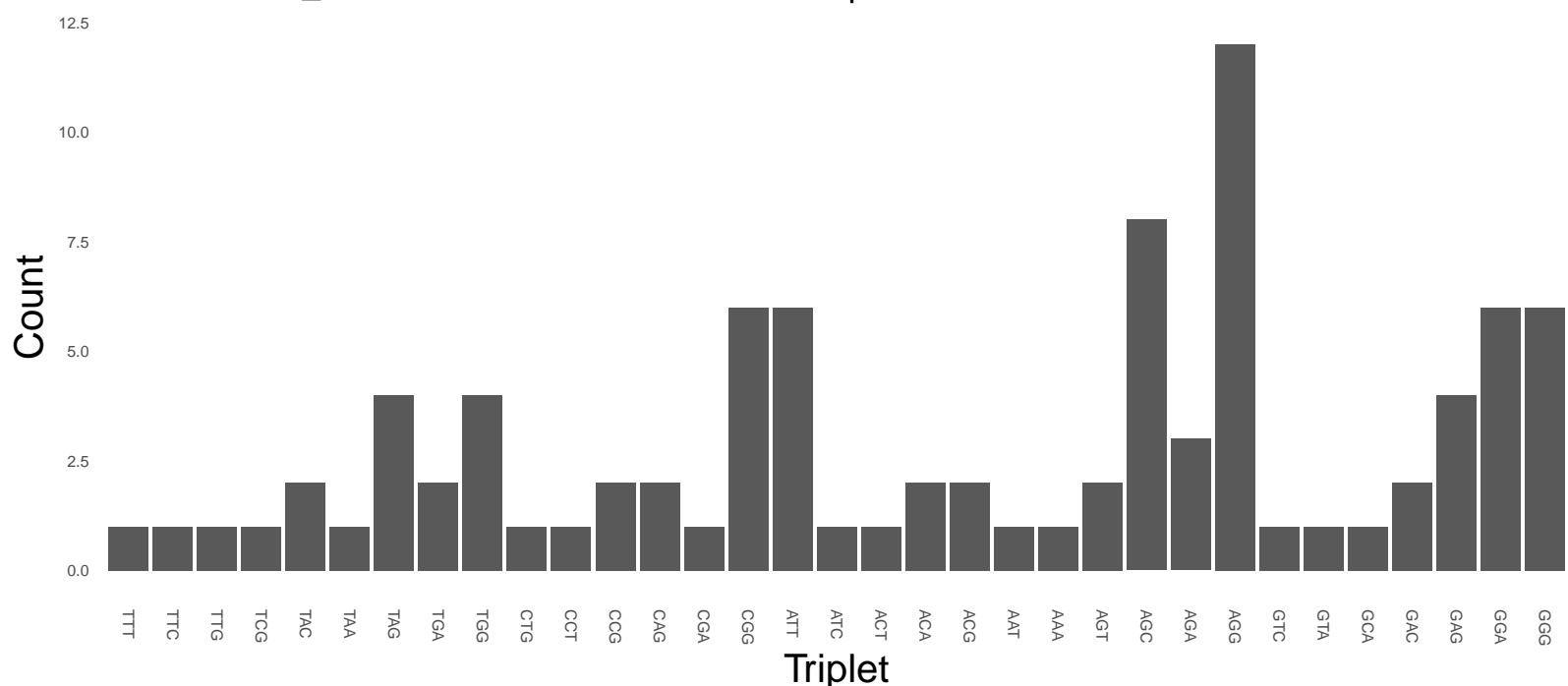
TRBV5-5*02_322TTGG325- Final 3 nucleotides as a triplet



TRBV5-6*01_T284G- Final 3 nucleotides as a triplet

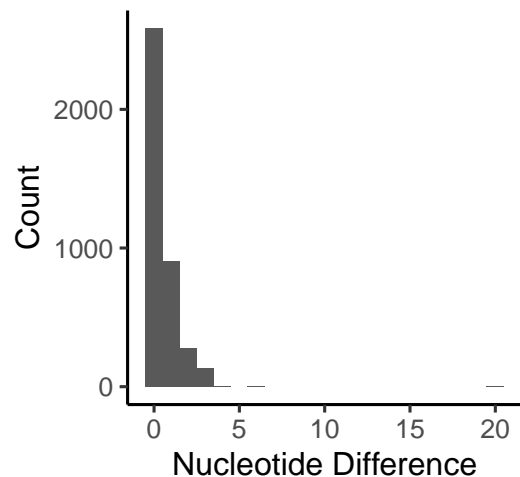


TRBV7-7*01_C315T- Final 3 nucleotides as a triplet



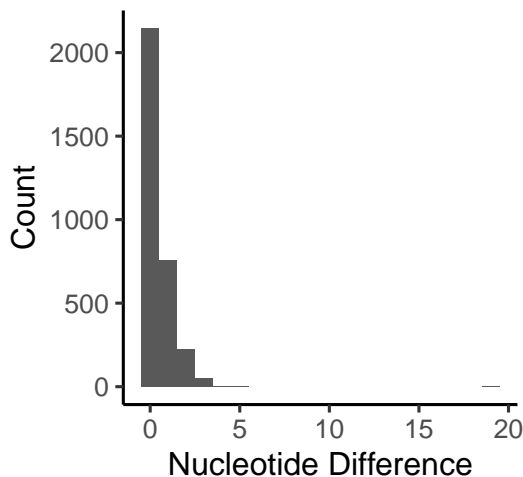
TRBV20-1*01

3901 sequences assigned
2584 (66.2%) exact matches, in which:
2465 unique CDR3
13 unique J



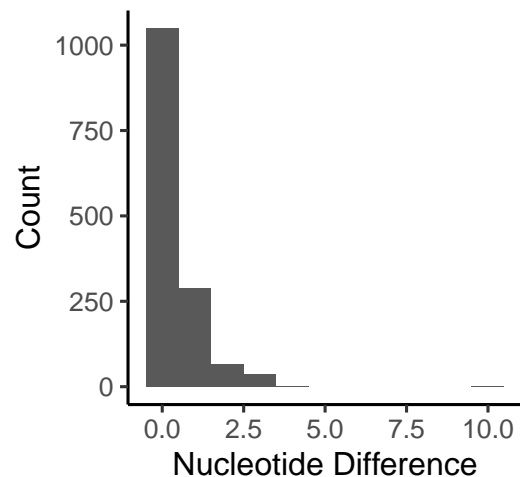
TRBV20-1*02_319AGA(

3183 sequences assigned
2145 (67.4%) exact matches, in which:
2036 unique CDR3
13 unique J



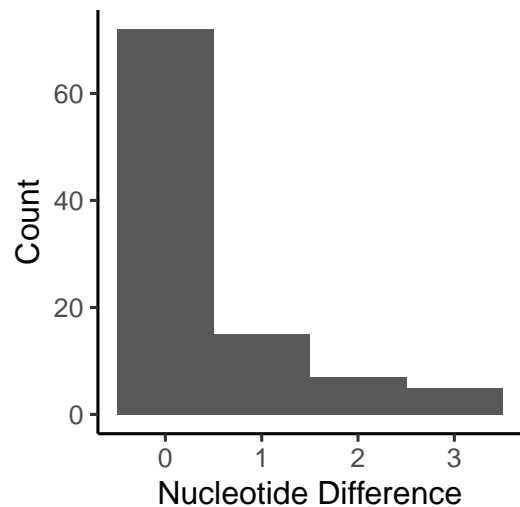
TRBV10-3*02

1443 sequences assigned
1049 (72.7%) exact matches, in which:
991 unique CDR3
14 unique J



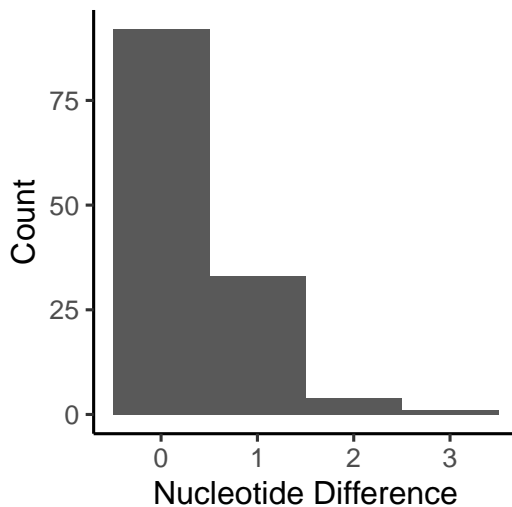
TRBV10-1*01

99 sequences assigned
72 (72.7%) exact matches, in which:
69 unique CDR3
11 unique J



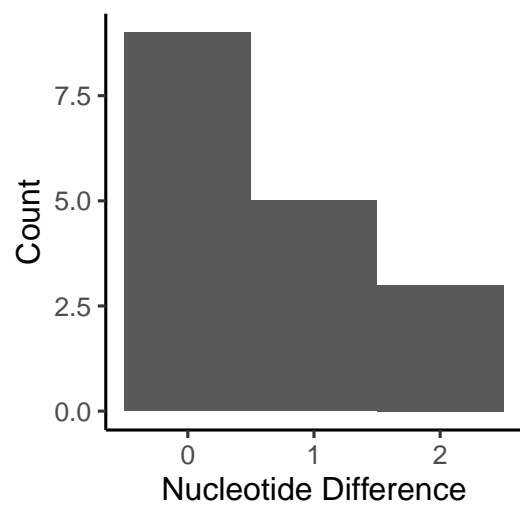
TRBV10-2*01

130 sequences assigned
92 (70.8%) exact matches, in which:
76 unique CDR3
12 unique J



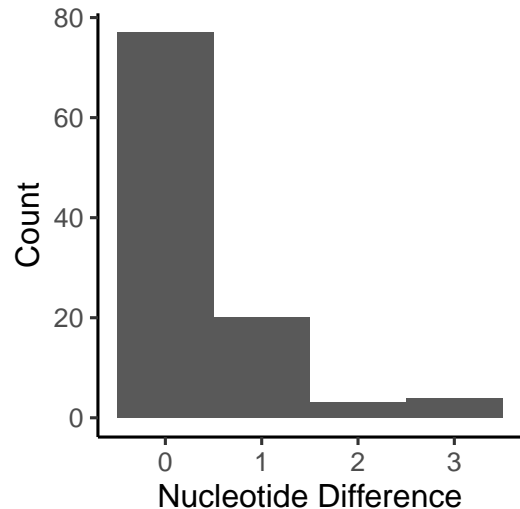
TRBV1*01

17 sequences assigned
9 (52.9%) exact matches, in which:
9 unique CDR3
5 unique J



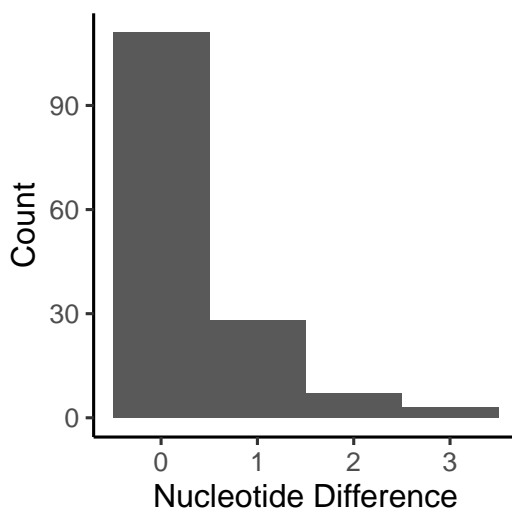
TRBV10-1*02

104 sequences assigned
77 (74%) exact matches, in which:
70 unique CDR3
11 unique J



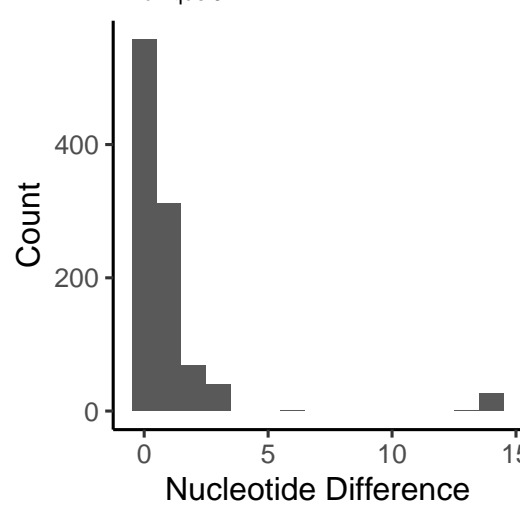
TRBV10-2*02

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



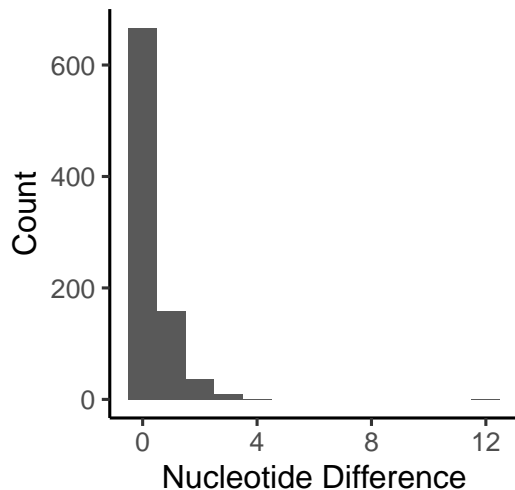
TRBV13*01

1007 sequences assigned
558 (55.4%) exact matches, in which:
423 unique CDR3
14 unique J



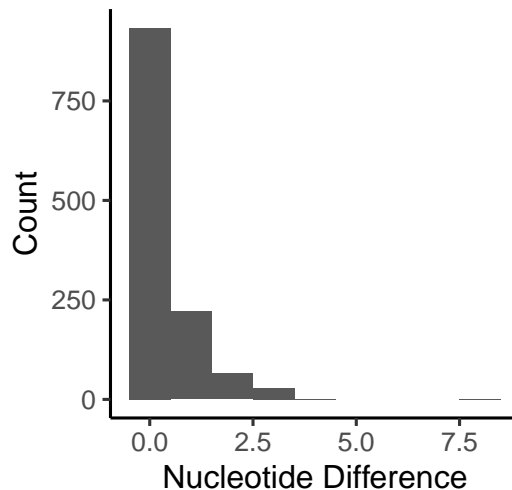
TRBV14*01

875 sequences assigned
667 (76.2%) exact matches, in which:
609 unique CDR3
14 unique J



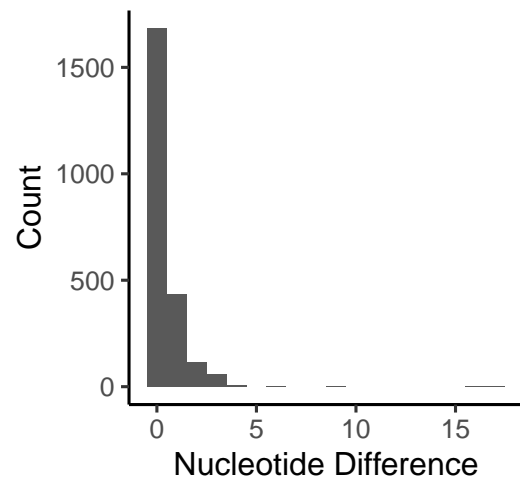
TRBV18*01

1254 sequences assigned
934 (74.5%) exact matches, in which:
857 unique CDR3
14 unique J



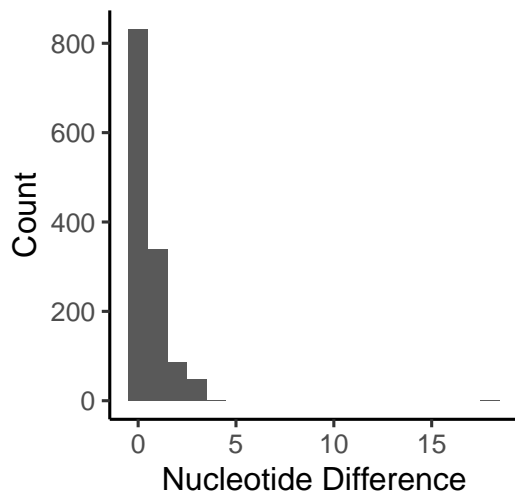
TRBV27*01

2299 sequences assigned
1683 (73.2%) exact matches, in which:
1559 unique CDR3
14 unique J



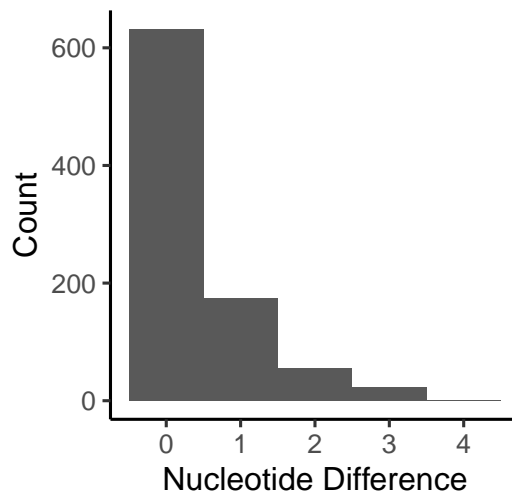
TRBV15*02

1307 sequences assigned
832 (63.7%) exact matches, in which:
761 unique CDR3
14 unique J



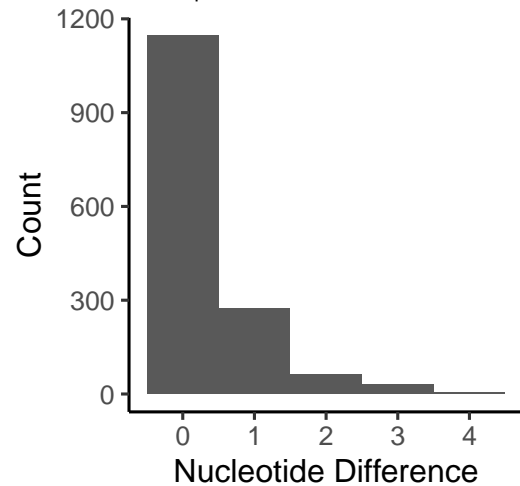
TRBV19*01

887 sequences assigned
632 (71.3%) exact matches, in which:
561 unique CDR3
14 unique J



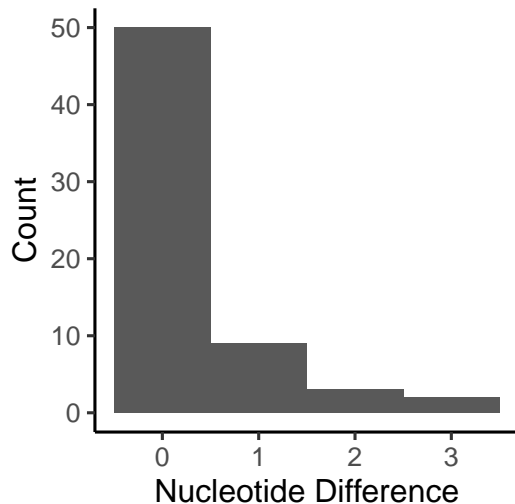
TRBV28*01

1519 sequences assigned
1146 (75.4%) exact matches, in which:
1080 unique CDR3
14 unique J



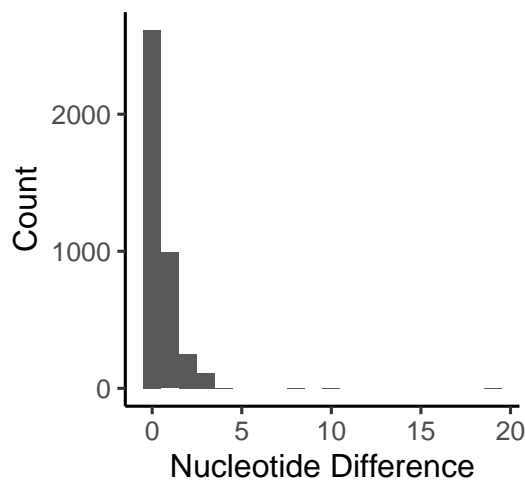
TRBV16*01

64 sequences assigned
50 (78.1%) exact matches, in which:
48 unique CDR3
10 unique J



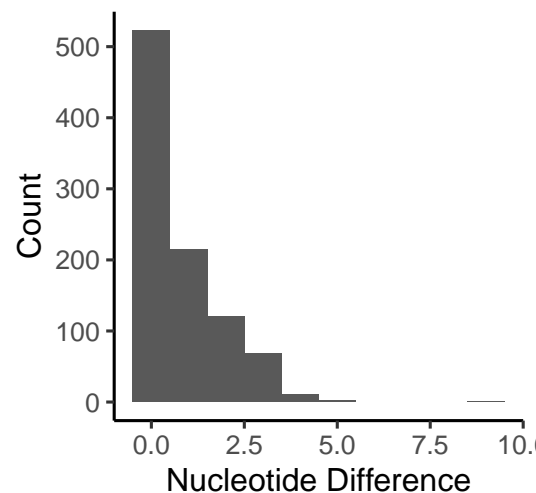
TRBV2*01

3984 sequences assigned
2614 (65.6%) exact matches, in which:
2191 unique CDR3
14 unique J



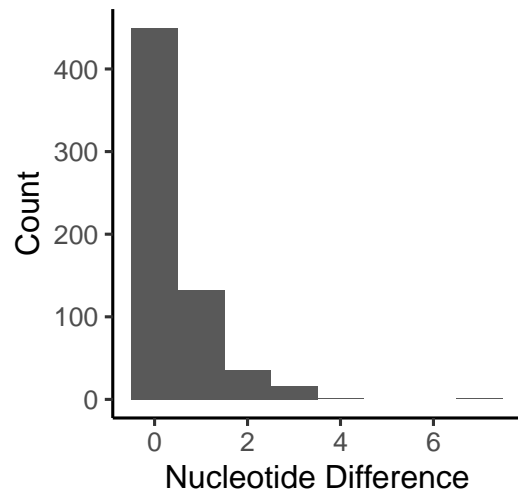
TRBV30*01

939 sequences assigned
523 (55.7%) exact matches, in which:
444 unique CDR3
13 unique J



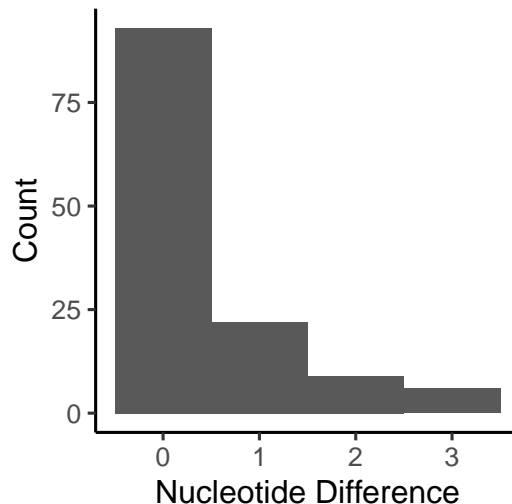
TRBV9*01

636 sequences assigned
450 (70.8%) exact matches, in which:
425 unique CDR3
14 unique J



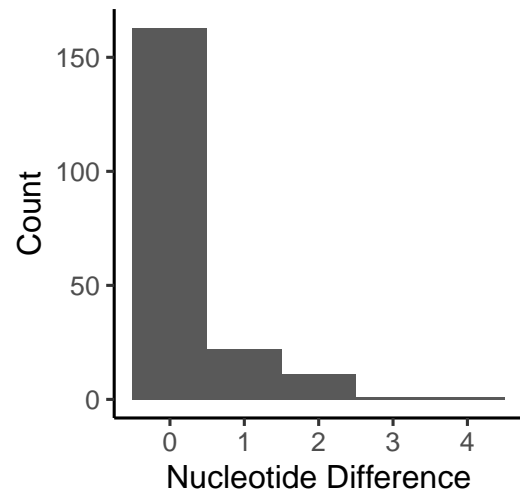
TRBV11-1*01

130 sequences assigned
93 (71.5%) exact matches, in which:
93 unique CDR3
12 unique J



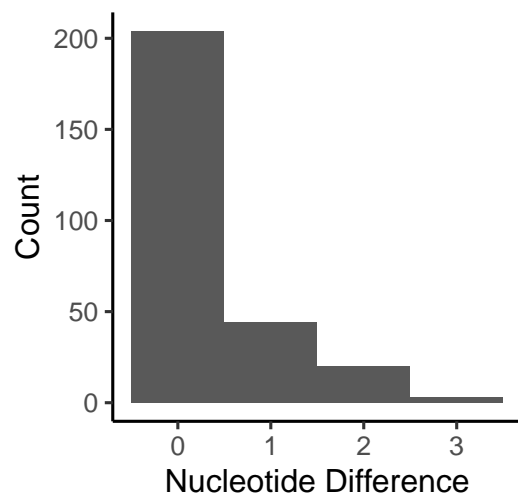
TRBV11-3*01

198 sequences assigned
163 (82.3%) exact matches, in which:
144 unique CDR3
12 unique J



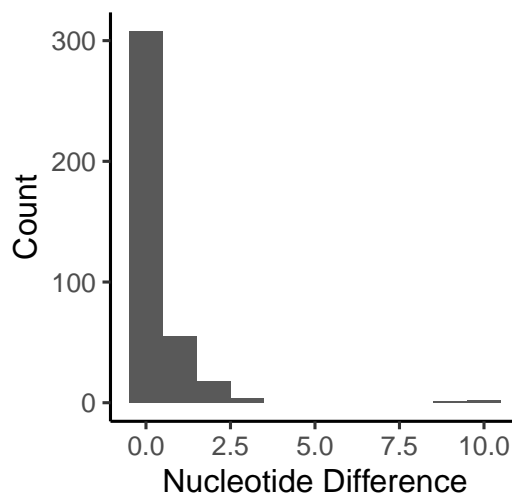
TRBV9*02

271 sequences assigned
204 (75.3%) exact matches, in which:
194 unique CDR3
13 unique J



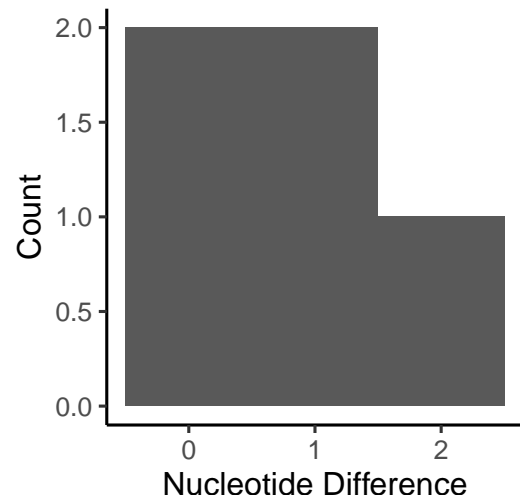
TRBV21-1*02

388 sequences assigned
308 (79.4%) exact matches, in which:
291 unique CDR3
13 unique J



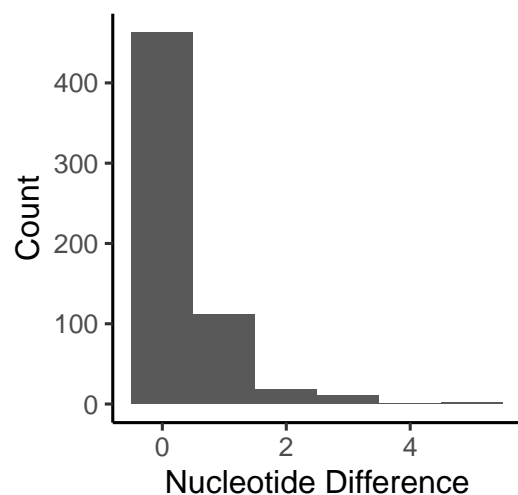
TRBV12-1*01

5 sequences assigned
2 (40%) exact matches, in which:
2 unique CDR3
2 unique J



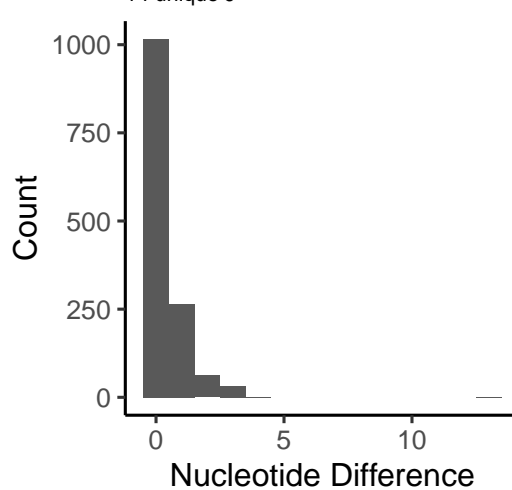
TRBV21-1*01

606 sequences assigned
463 (76.4%) exact matches, in which:
416 unique CDR3
13 unique J



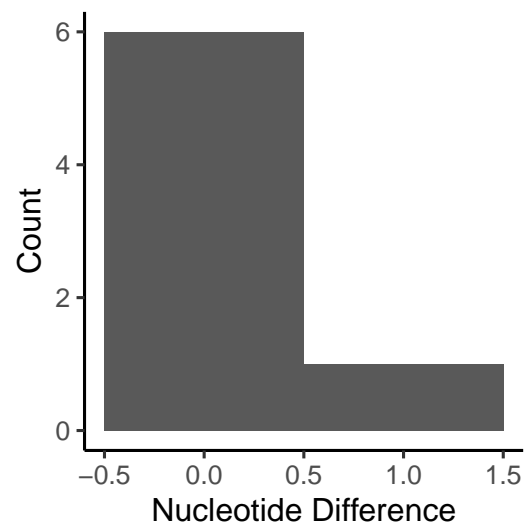
TRBV11-2*01

1377 sequences assigned
1016 (73.8%) exact matches, in which:
948 unique CDR3
14 unique J



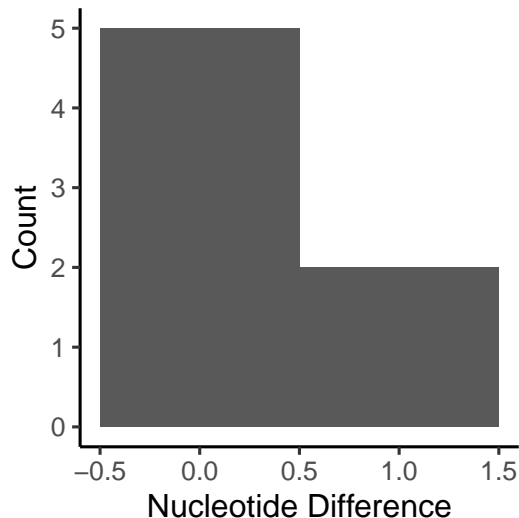
TRBV12-2*01

7 sequences assigned
6 (85.7%) exact matches, in which:
6 unique CDR3
5 unique J



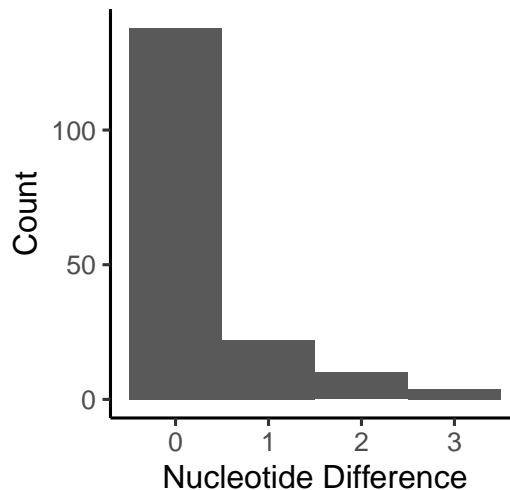
TRBV12-2*01_T187C

7 sequences assigned
5 (71.4%) exact matches, in which:
5 unique CDR3
3 unique J



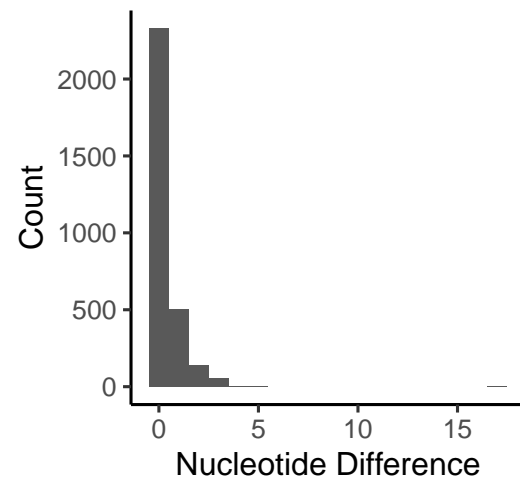
TRBV12-5*01

174 sequences assigned
138 (79.3%) exact matches, in which:
128 unique CDR3
13 unique J



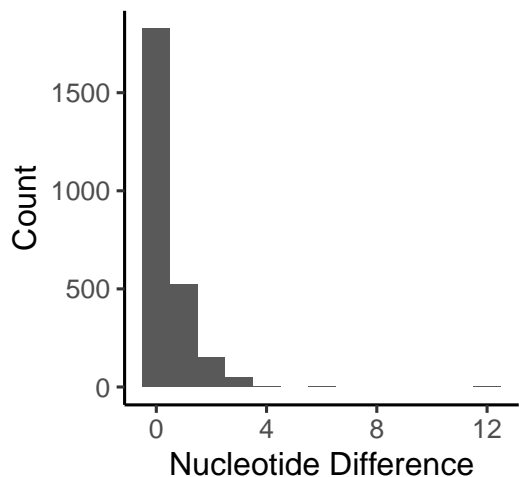
TRBV3-1*01

3036 sequences assigned
2329 (76.7%) exact matches, in which:
2139 unique CDR3
14 unique J



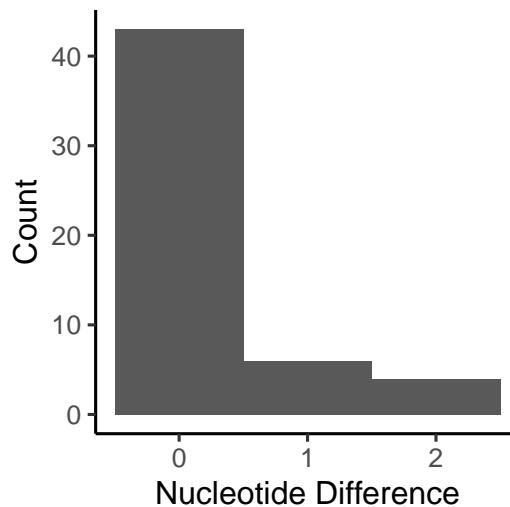
TRBV12-3*01

2553 sequences assigned
1826 (71.5%) exact matches, in which:
1722 unique CDR3
14 unique J



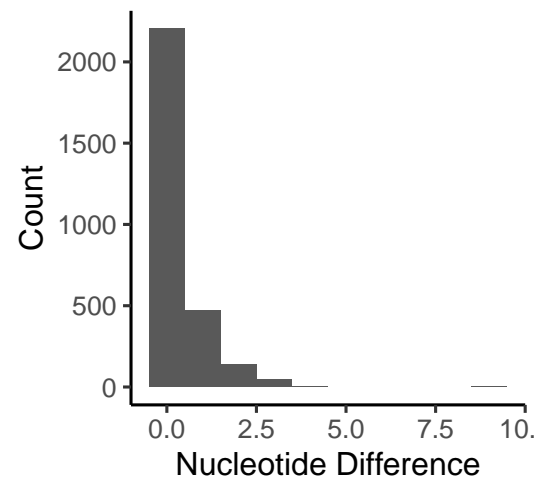
TRBV12-5*01_C28G

53 sequences assigned
43 (81.1%) exact matches, in which:
43 unique CDR3
10 unique J



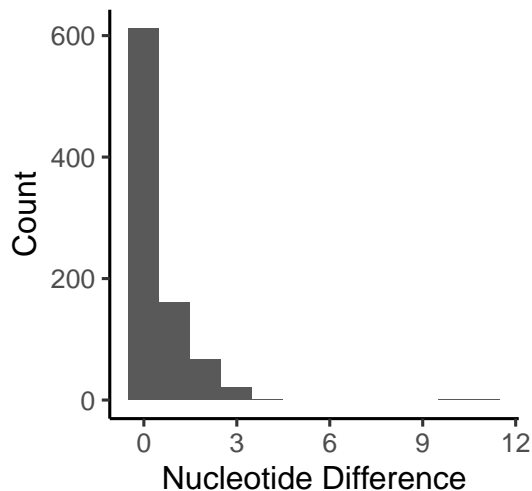
TRBV4-1*01

2867 sequences assigned
2204 (76.9%) exact matches, in which:
2038 unique CDR3
14 unique J



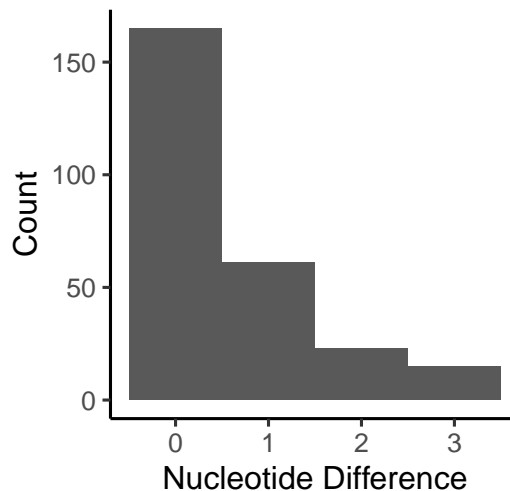
TRBV12-4*01

864 sequences assigned
612 (70.8%) exact matches, in which:
577 unique CDR3
14 unique J



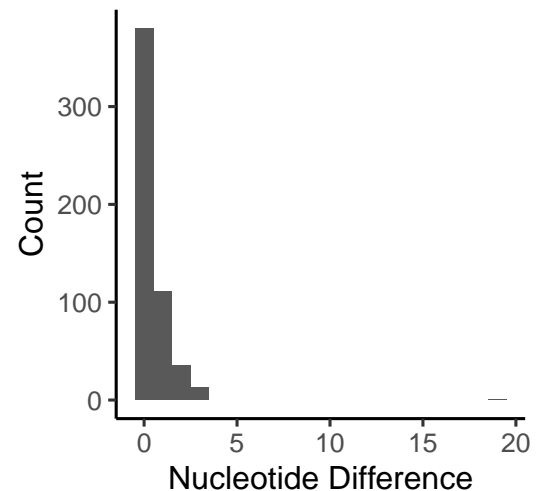
TRBV23-1*01

264 sequences assigned
165 (62.5%) exact matches, in which:
141 unique CDR3
13 unique J



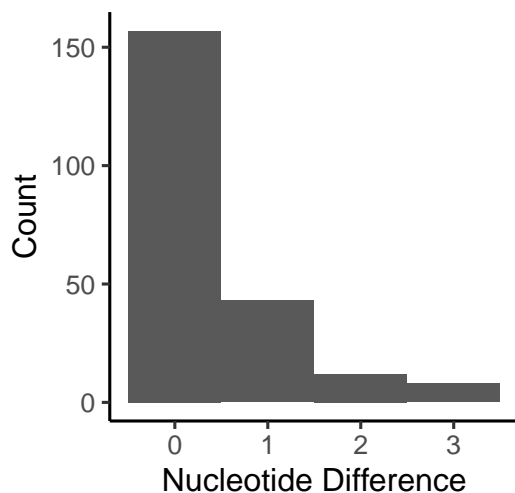
TRBV24-1*01

540 sequences assigned
380 (70.4%) exact matches, in which:
359 unique CDR3
12 unique J



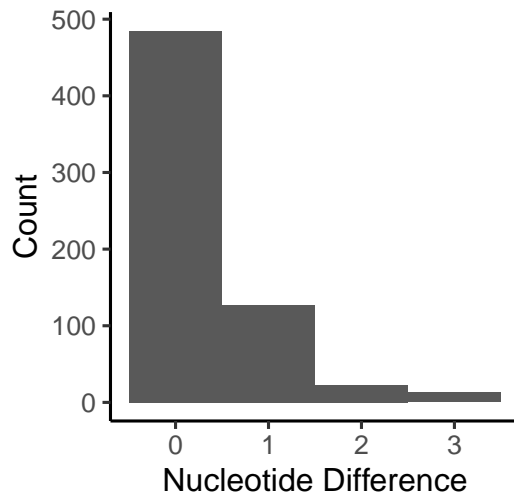
TRBV24-1*02

220 sequences assigned
157 (71.4%) exact matches, in which:
147 unique CDR3
11 unique J



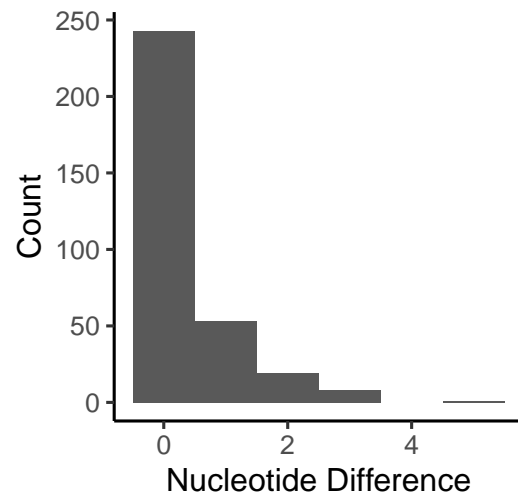
TRBV25-1*01

649 sequences assigned
485 (74.7%) exact matches, in which:
457 unique CDR3
14 unique J



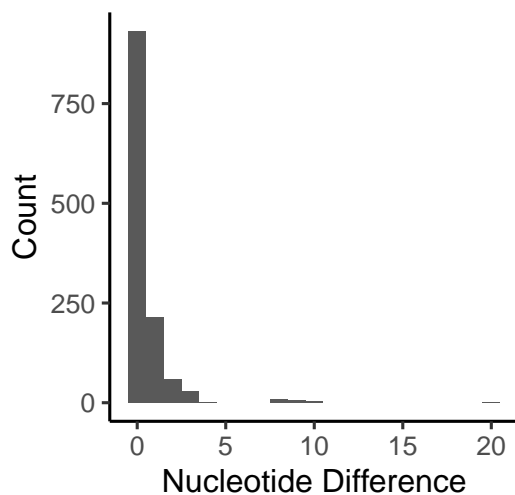
TRBV5-4*01

324 sequences assigned
243 (75%) exact matches, in which:
224 unique CDR3
14 unique J



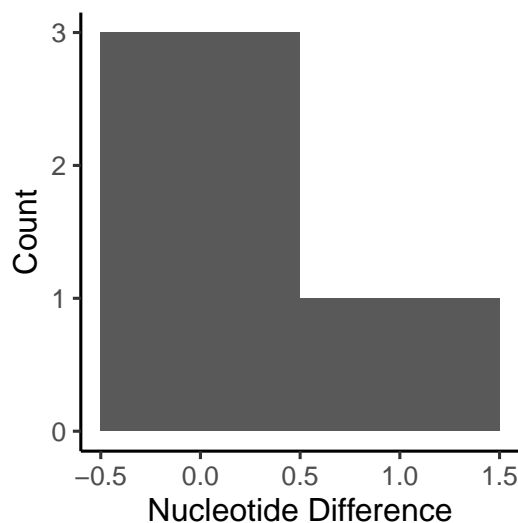
TRBV4-2*01

1257 sequences assigned
932 (74.1%) exact matches, in which:
832 unique CDR3
14 unique J



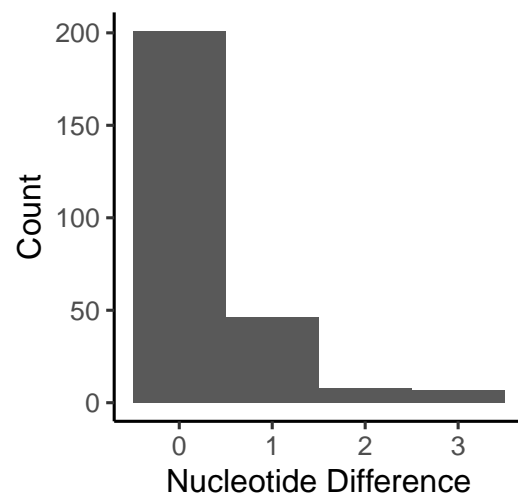
TRBV5-3*01

4 sequences assigned
3 (75%) exact matches, in which:
3 unique CDR3
3 unique J



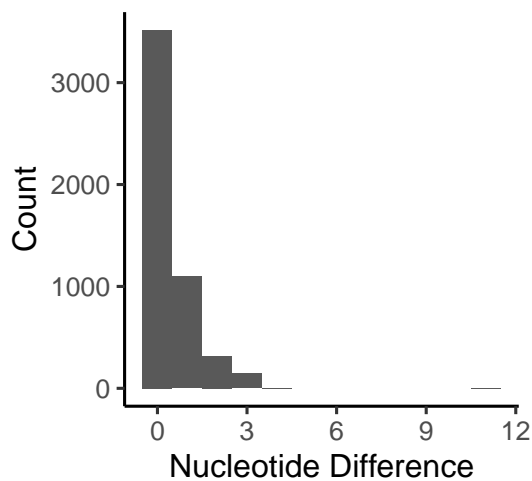
TRBV5-5*01

262 sequences assigned
201 (76.7%) exact matches, in which:
192 unique CDR3
13 unique J



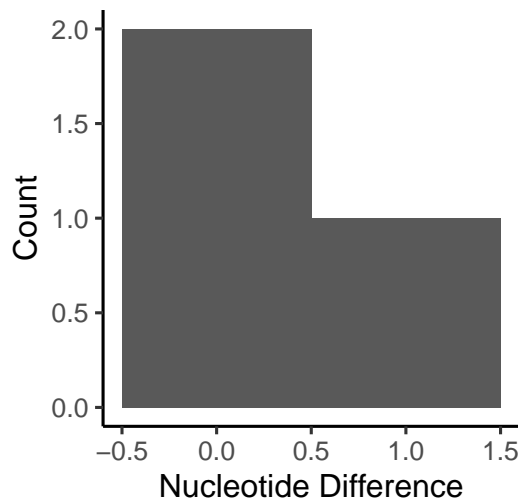
TRBV5-1*01

5082 sequences assigned
3516 (69.2%) exact matches, in which:
3339 unique CDR3
14 unique J



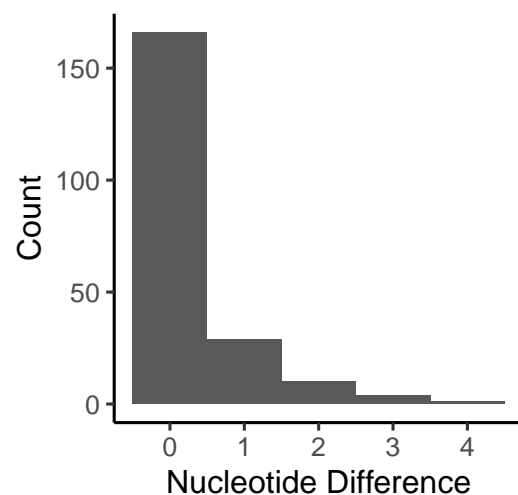
TRBV5-3*02

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



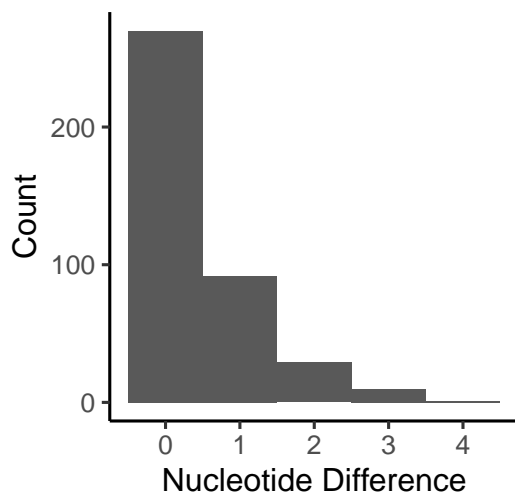
TRBV5-5*02_322TTGG3

211 sequences assigned
166 (78.7%) exact matches, in which:
162 unique CDR3
13 unique J



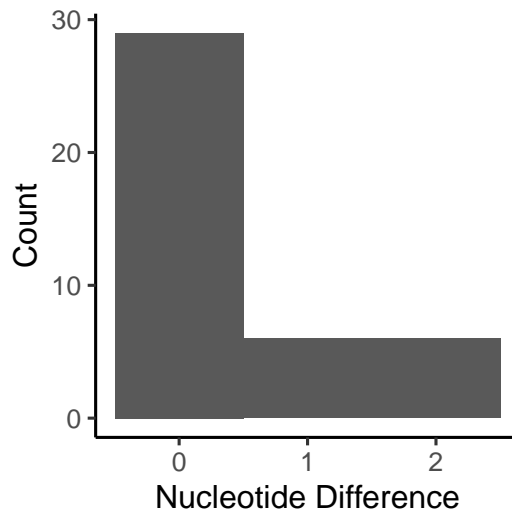
TRBV5-6*01

402 sequences assigned
270 (67.2%) exact matches, in which:
245 unique CDR3
14 unique J



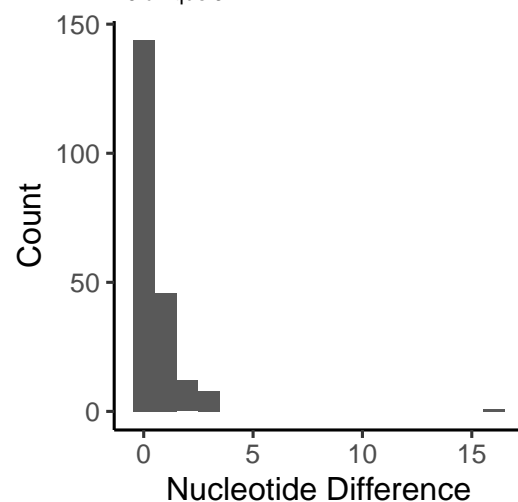
TRBV5-8*01

41 sequences assigned
29 (70.7%) exact matches, in which:
27 unique CDR3
9 unique J



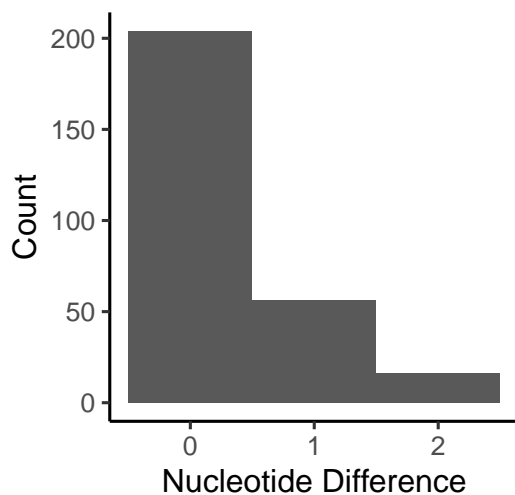
TRBV6-4*02

211 sequences assigned
144 (68.2%) exact matches, in which:
132 unique CDR3
10 unique J



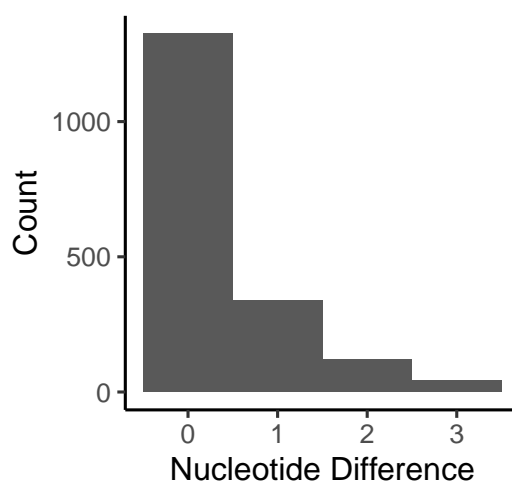
TRBV5-6*01_T284G

276 sequences assigned
204 (73.9%) exact matches, in which:
185 unique CDR3
13 unique J



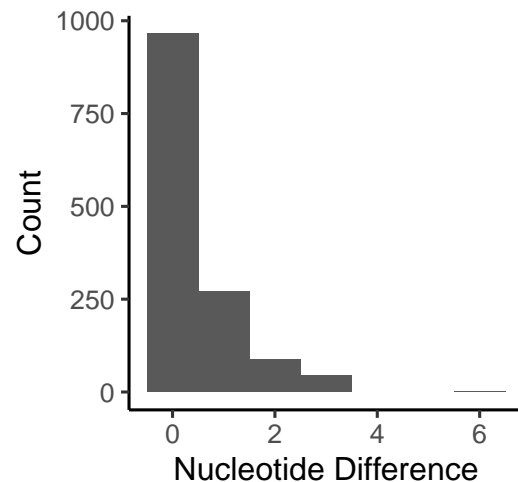
TRBV6-1*01

1833 sequences assigned
1325 (72.3%) exact matches, in which:
1175 unique CDR3
14 unique J



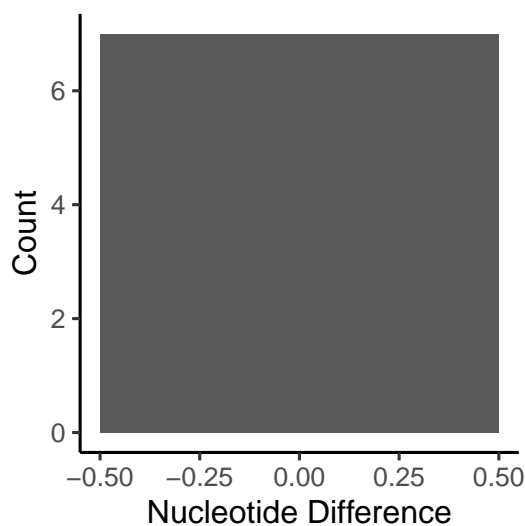
TRBV6-5*01

1371 sequences assigned
965 (70.4%) exact matches, in which:
897 unique CDR3
14 unique J



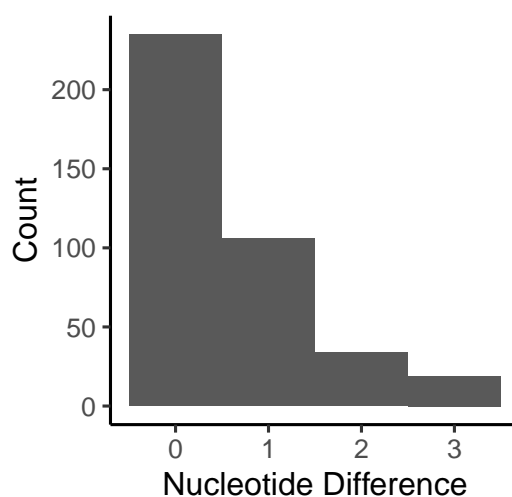
TRBV5-7*01

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



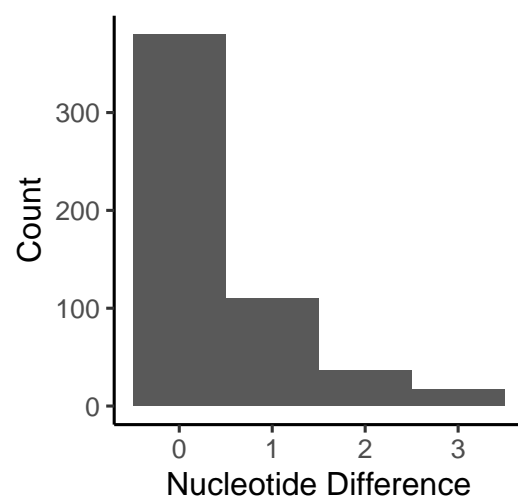
TRBV6-4*01

394 sequences assigned
235 (59.6%) exact matches, in which:
186 unique CDR3
11 unique J



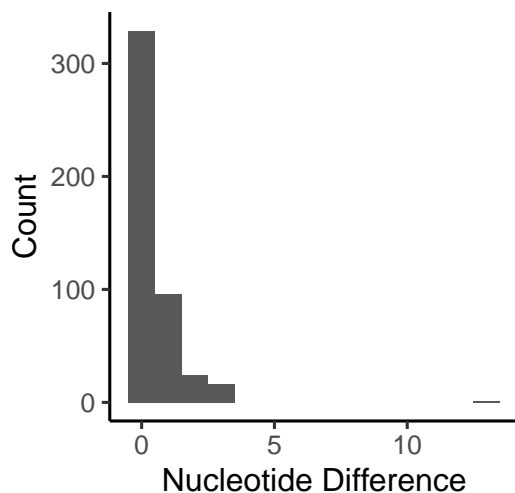
TRBV6-6*01

543 sequences assigned
380 (70%) exact matches, in which:
335 unique CDR3
13 unique J



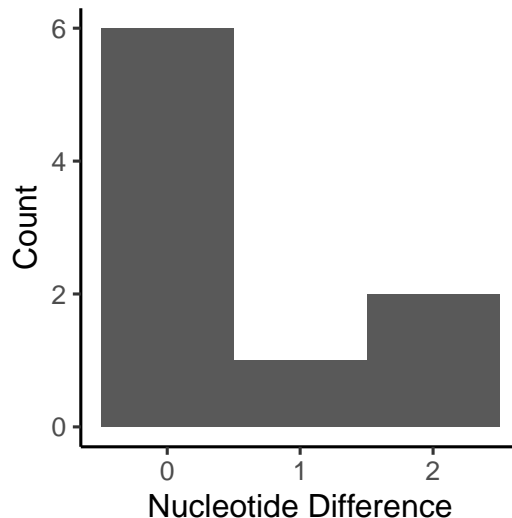
TRBV6-6*02

466 sequences assigned
329 (70.6%) exact matches, in which:
302 unique CDR3
13 unique J



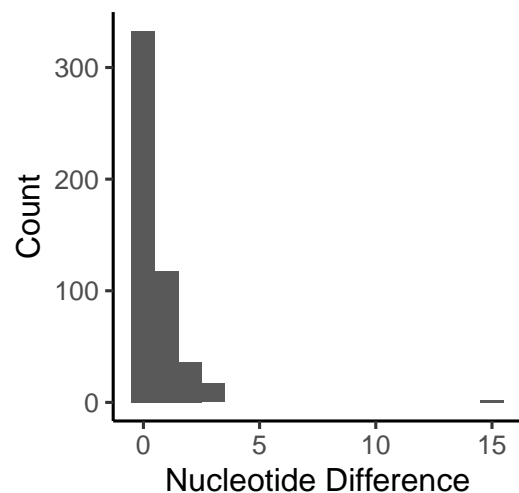
TRBV6-9*01

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



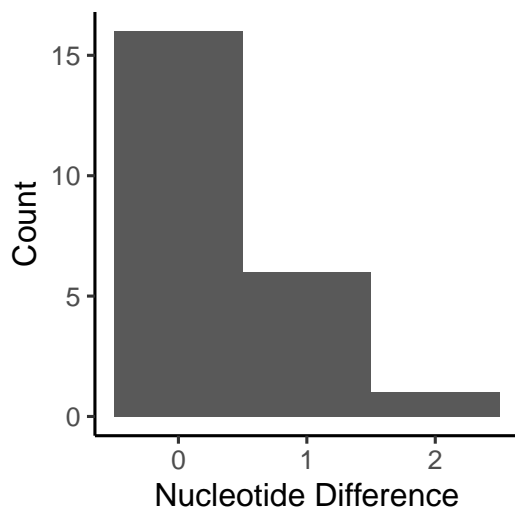
TRBV7-3*01

506 sequences assigned
333 (65.8%) exact matches, in which:
305 unique CDR3
13 unique J



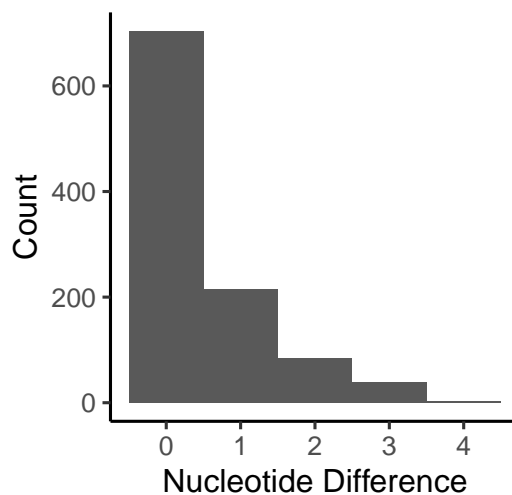
TRBV6-7*01

23 sequences assigned
16 (69.6%) exact matches, in which:
16 unique CDR3
7 unique J



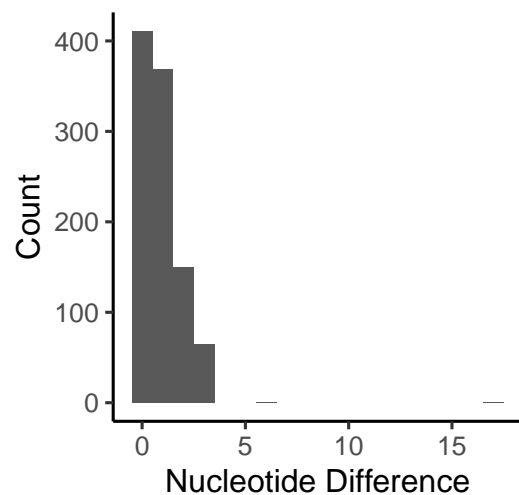
TRBV6-23*01

1044 sequences assigned
704 (67.4%) exact matches, in which:
636 unique CDR3
14 unique J



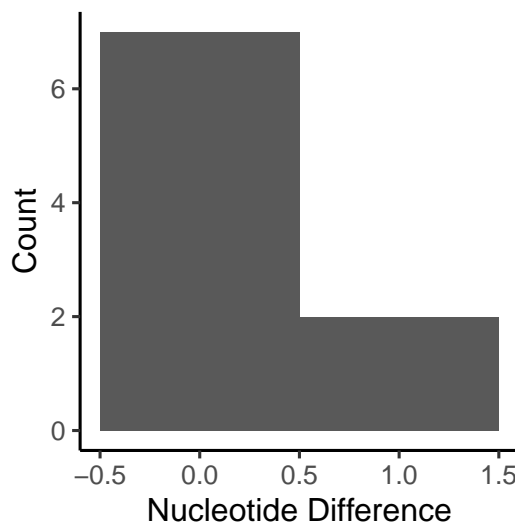
TRBV7-3*03

1000 sequences assigned
411 (41.1%) exact matches, in which:
197 unique CDR3
13 unique J



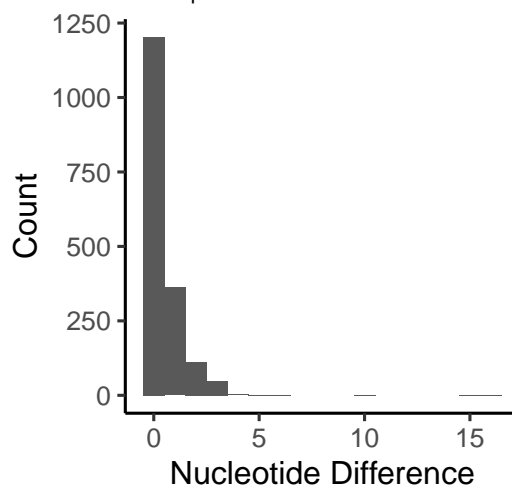
TRBV6-8*01

9 sequences assigned
7 (77.8%) exact matches, in which:
7 unique CDR3
5 unique J



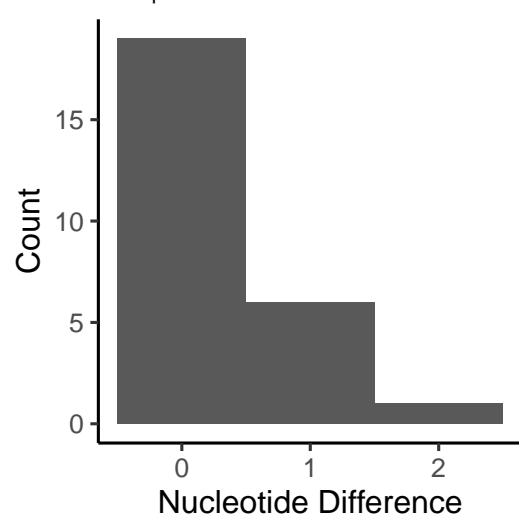
TRBV7-2*02

1733 sequences assigned
1203 (69.4%) exact matches, in which:
1109 unique CDR3
14 unique J



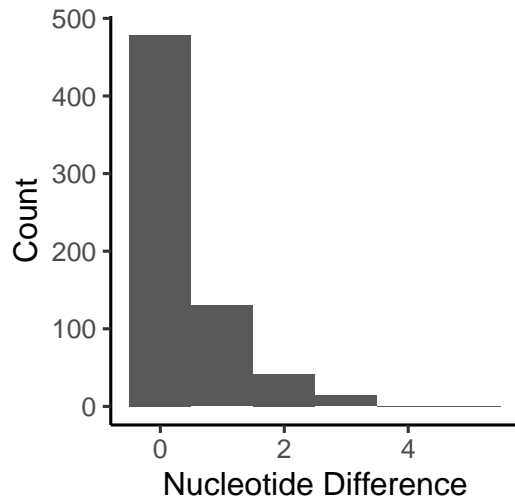
TRBV7-4*01

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



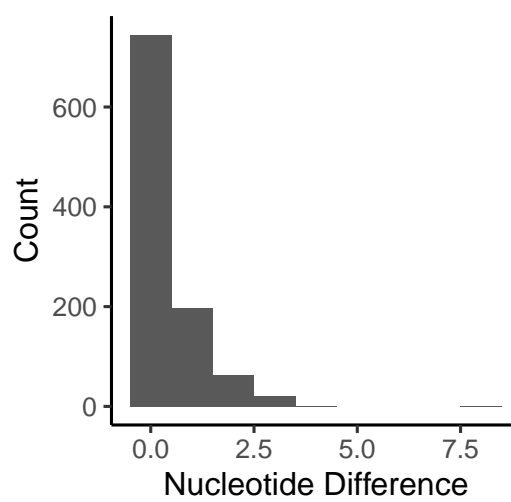
TRBV7-6*01

669 sequences assigned
479 (71.6%) exact matches, in which:
421 unique CDR3
14 unique J



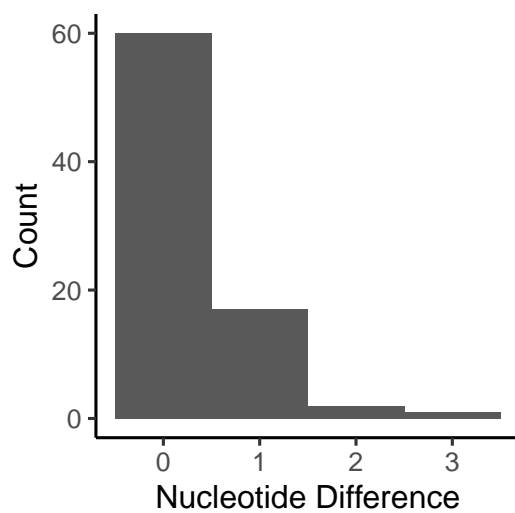
TRBV7-8*01

1030 sequences assigned
745 (72.3%) exact matches, in which:
682 unique CDR3
14 unique J



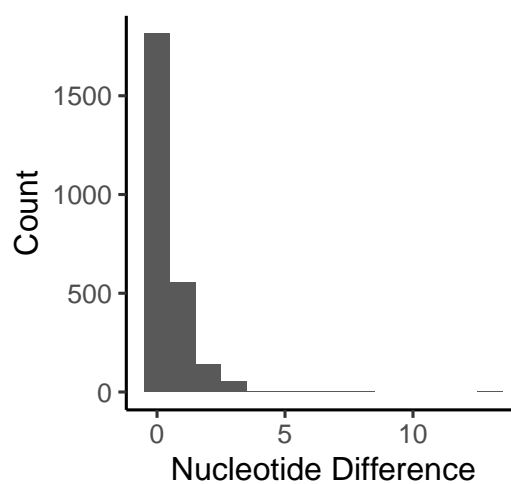
TRBV7-7*01

80 sequences assigned
60 (75%) exact matches, in which:
53 unique CDR3
7 unique J



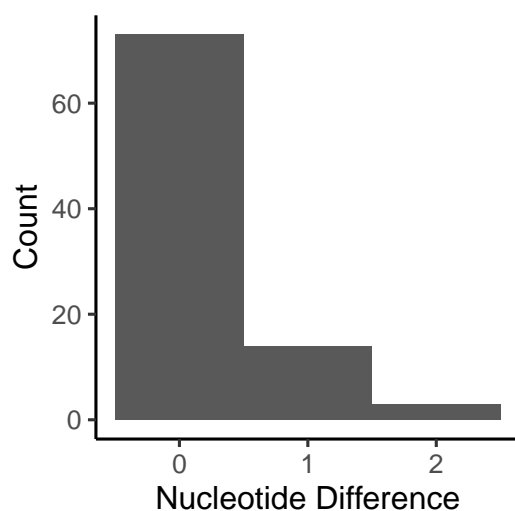
TRBV7-9*03

2576 sequences assigned
1814 (70.4%) exact matches, in which:
1680 unique CDR3
14 unique J



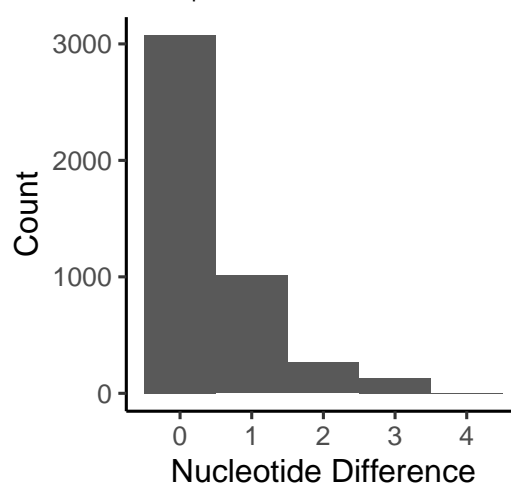
TRBV7-7*01_C315T

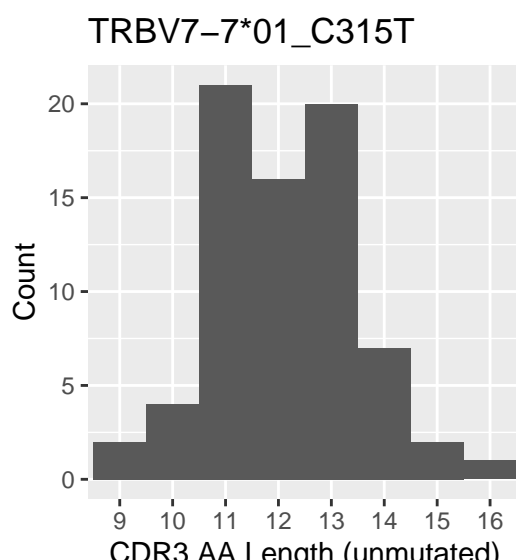
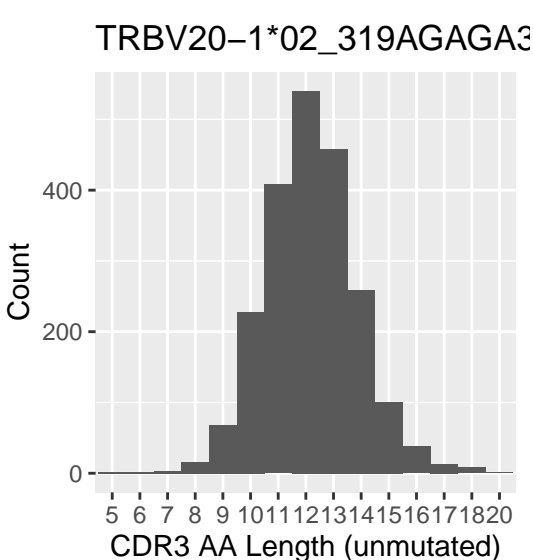
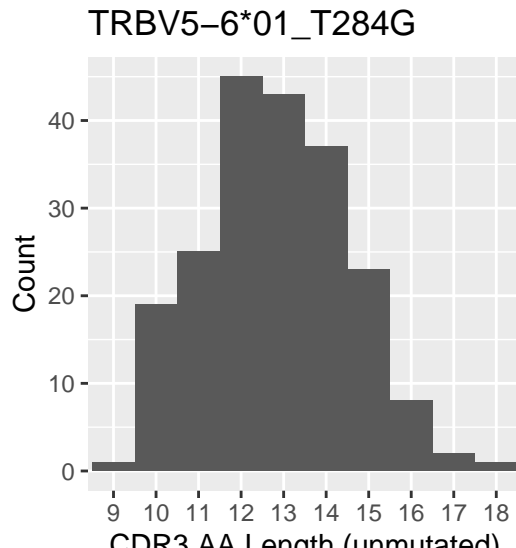
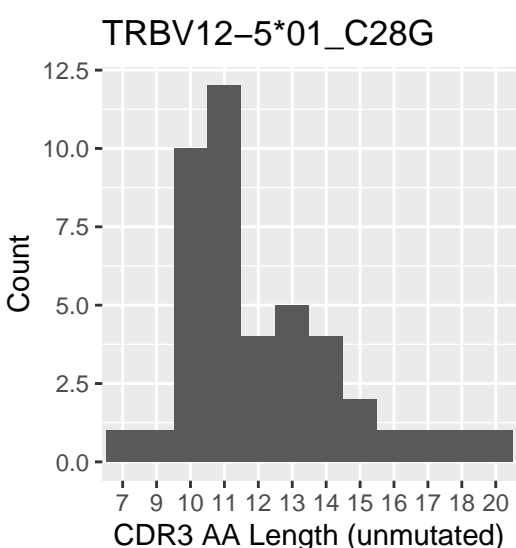
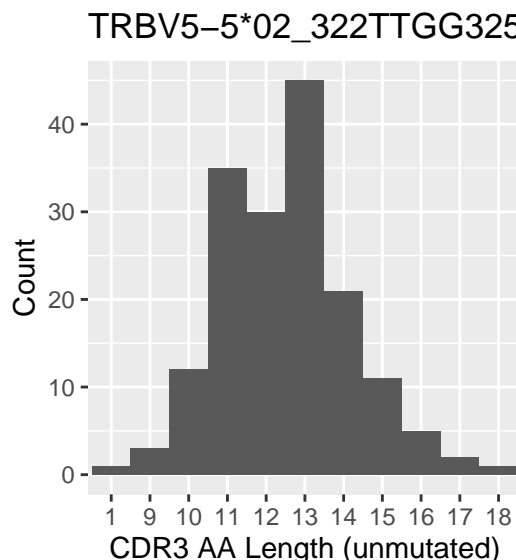
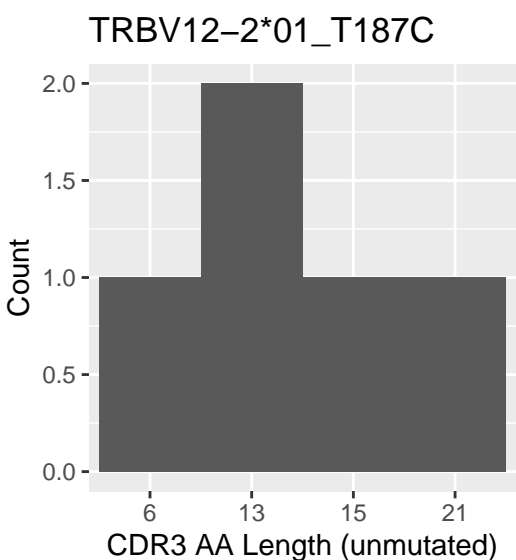
90 sequences assigned
73 (81.1%) exact matches, in which:
69 unique CDR3
8 unique J

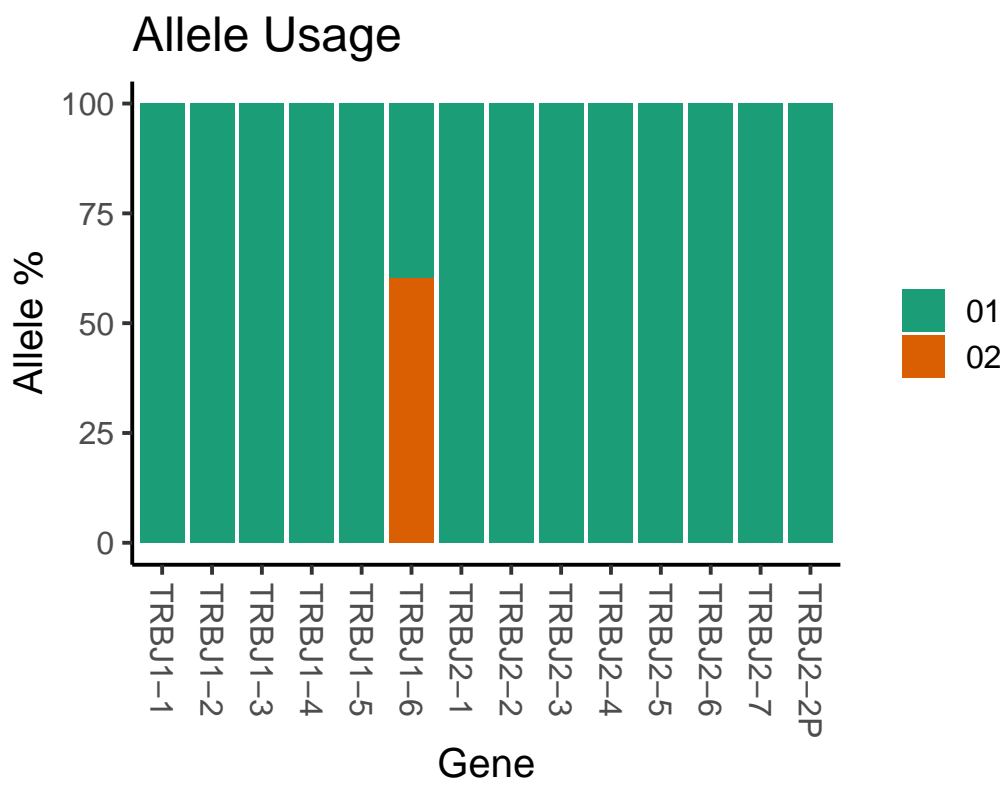


TRBV29-1*01

4491 sequences assigned
3076 (68.5%) exact matches, in which:
2819 unique CDR3
14 unique J







Sequence Count by TRBJ1–6 allele usage

