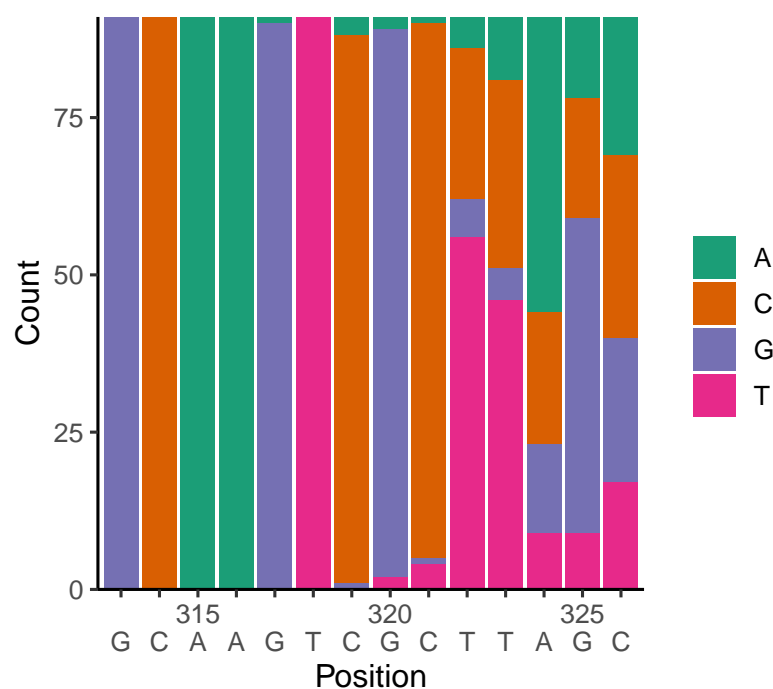
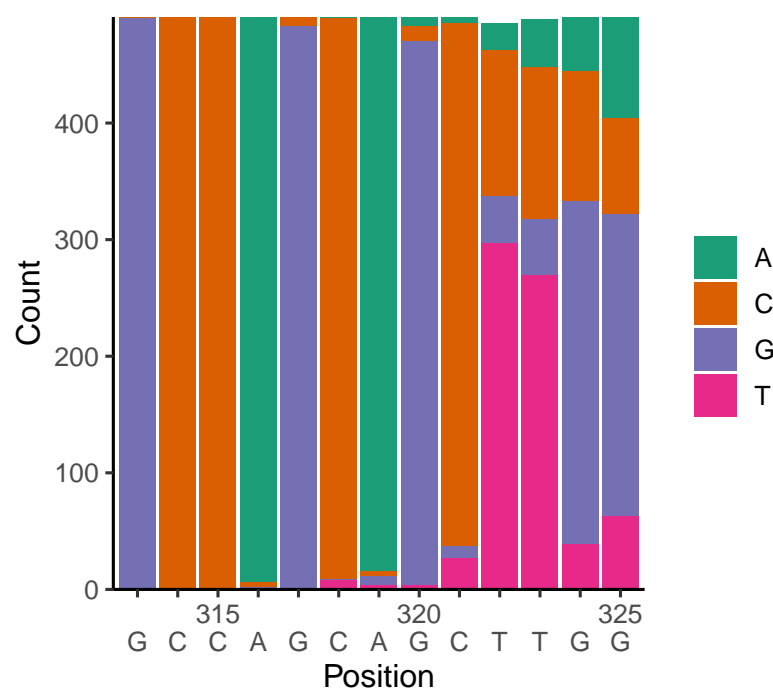


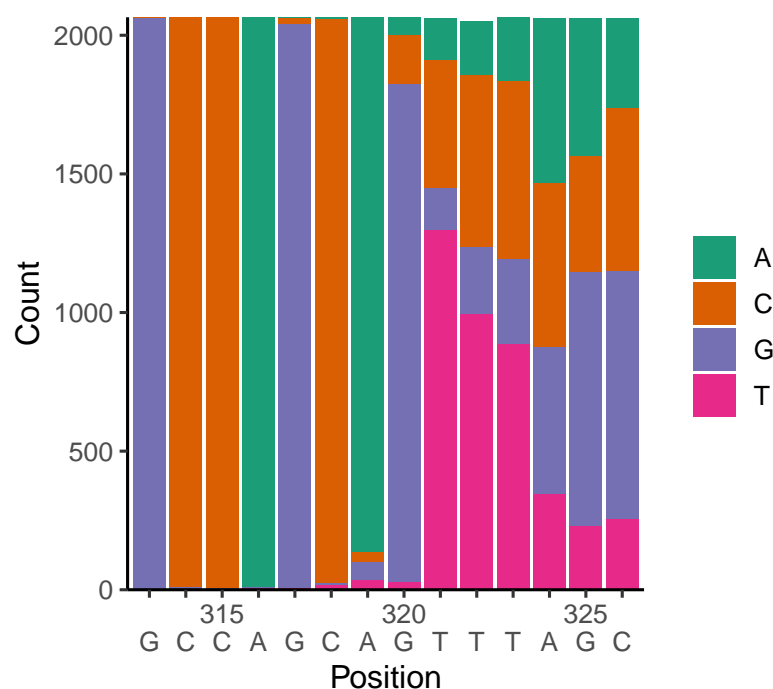
Gene TRBV12-2*01_T187C



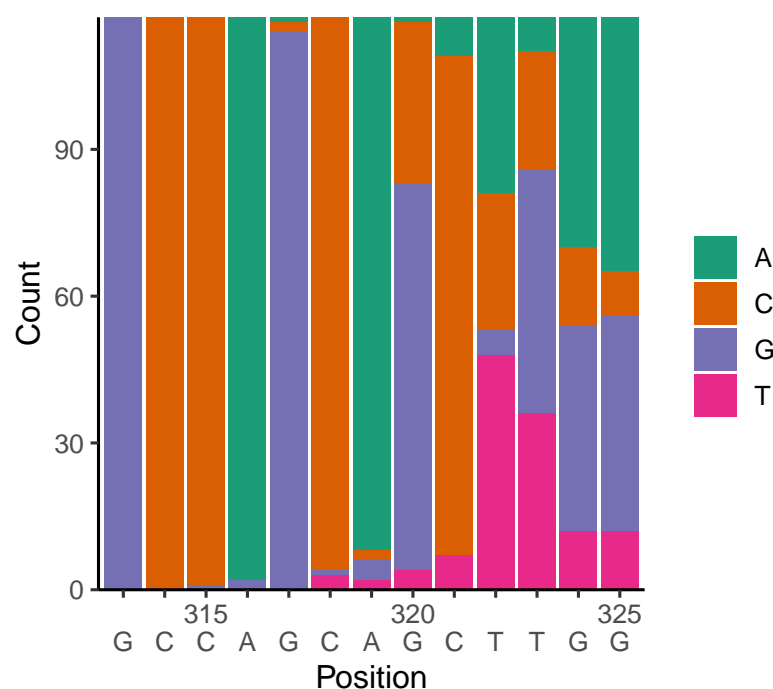
Gene TRBV5-5*02_322TTGG325



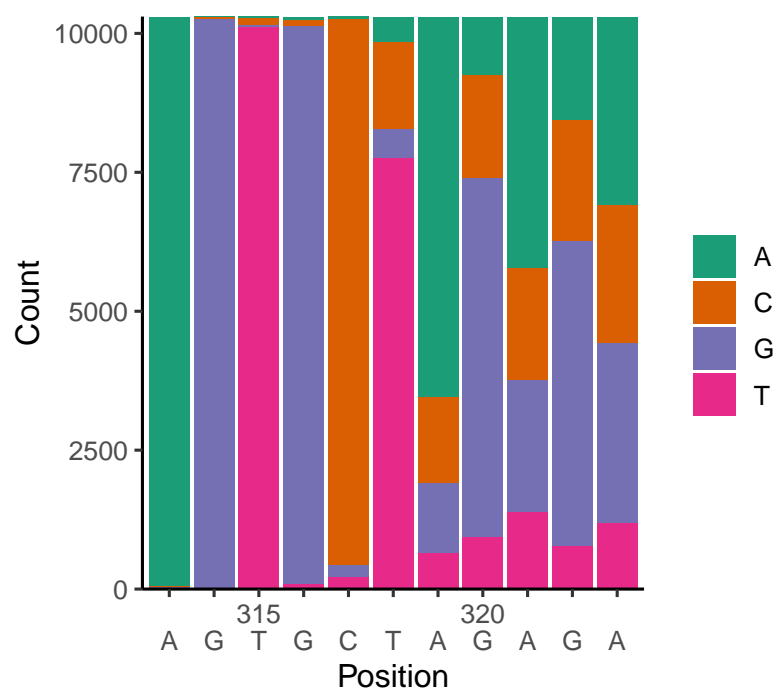
Gene TRBV12-4*01_C87T



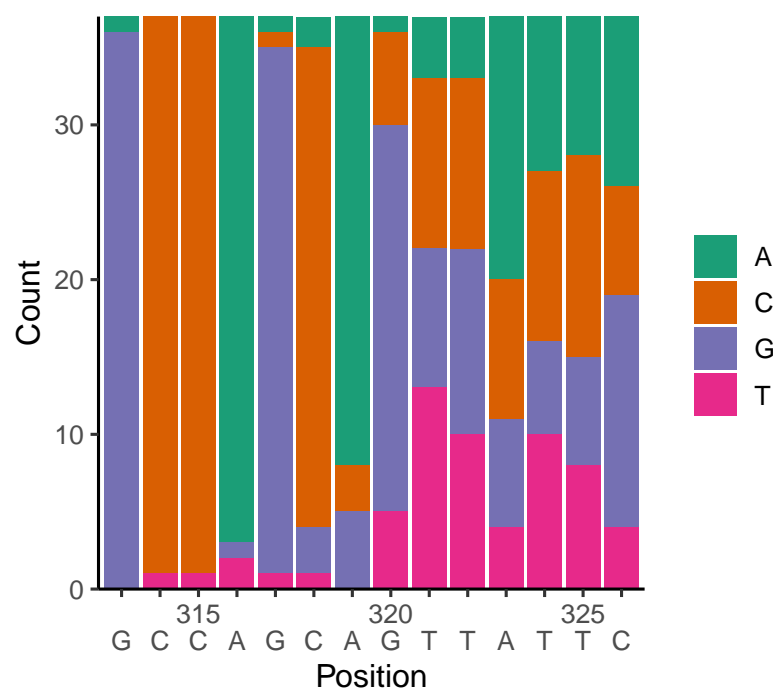
Gene TRBV5-8*01_C56T_C276T



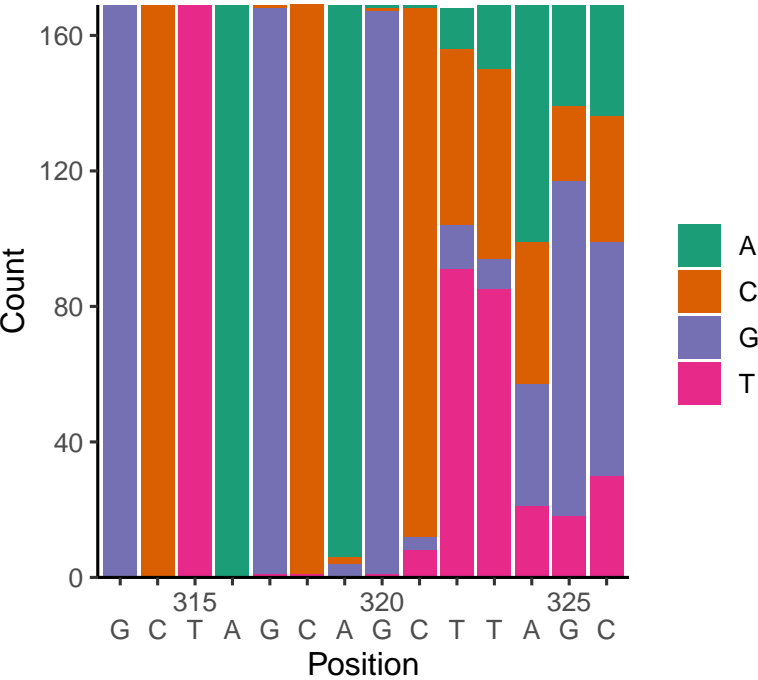
Gene TRBV20-1*02_319AGAGA323



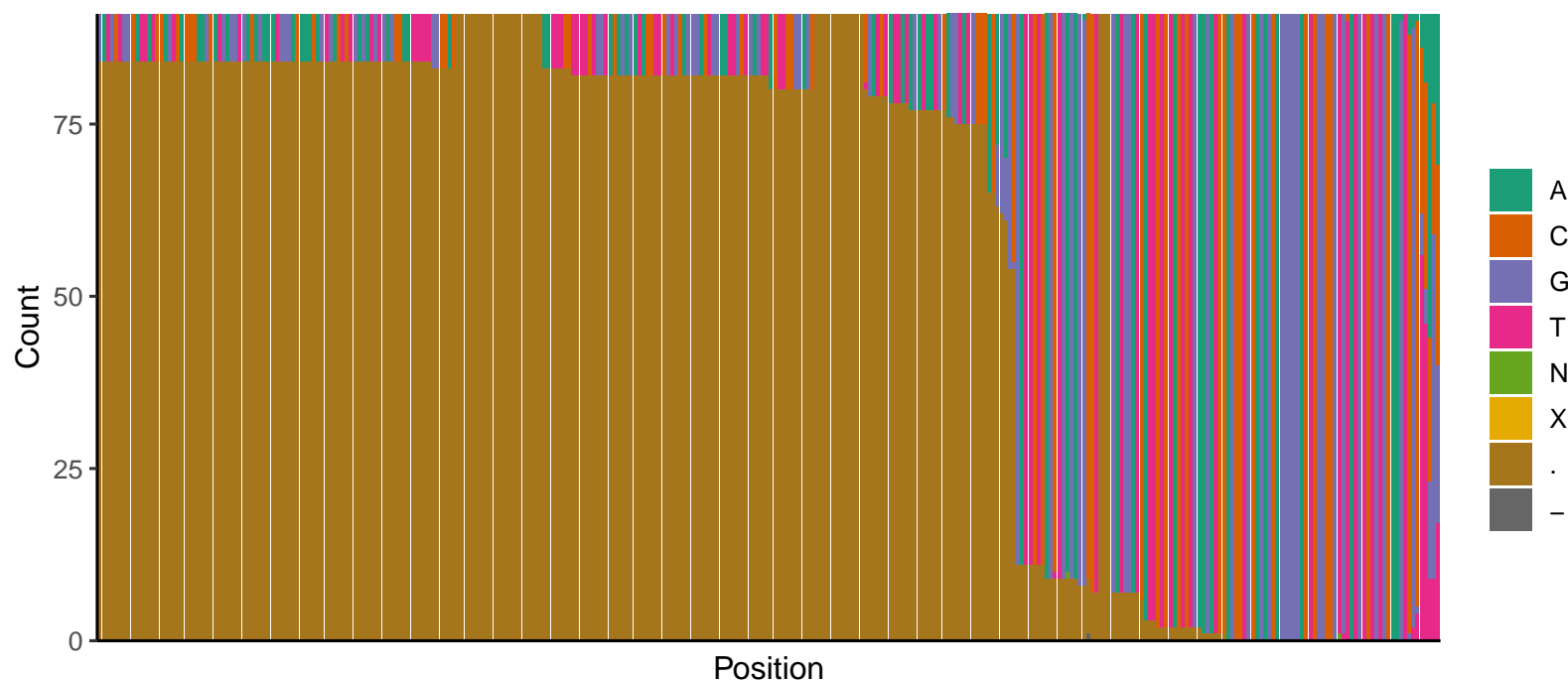
Gene TRBV6-9*01_A303G



Gene TRBV7-7*01_C315T



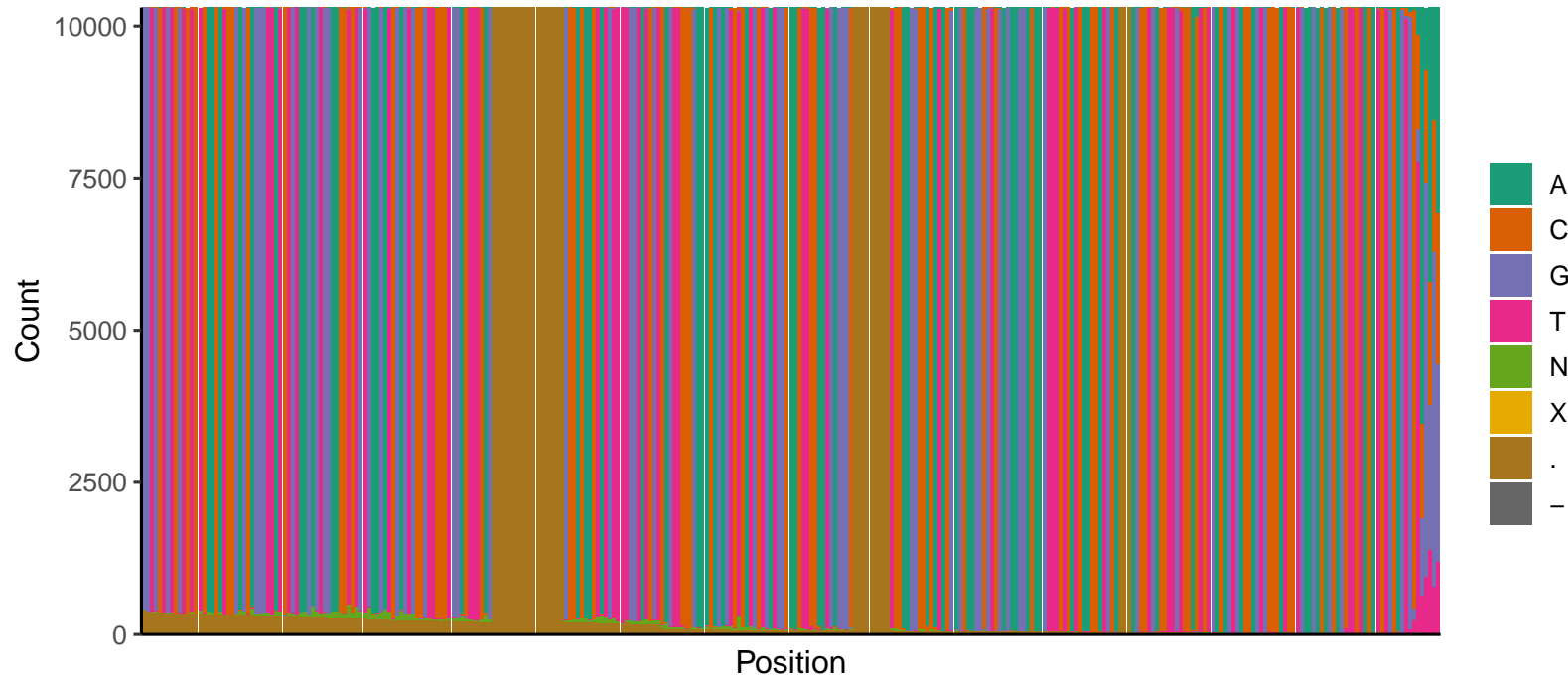
Gene TRBV12-2*01_T187C



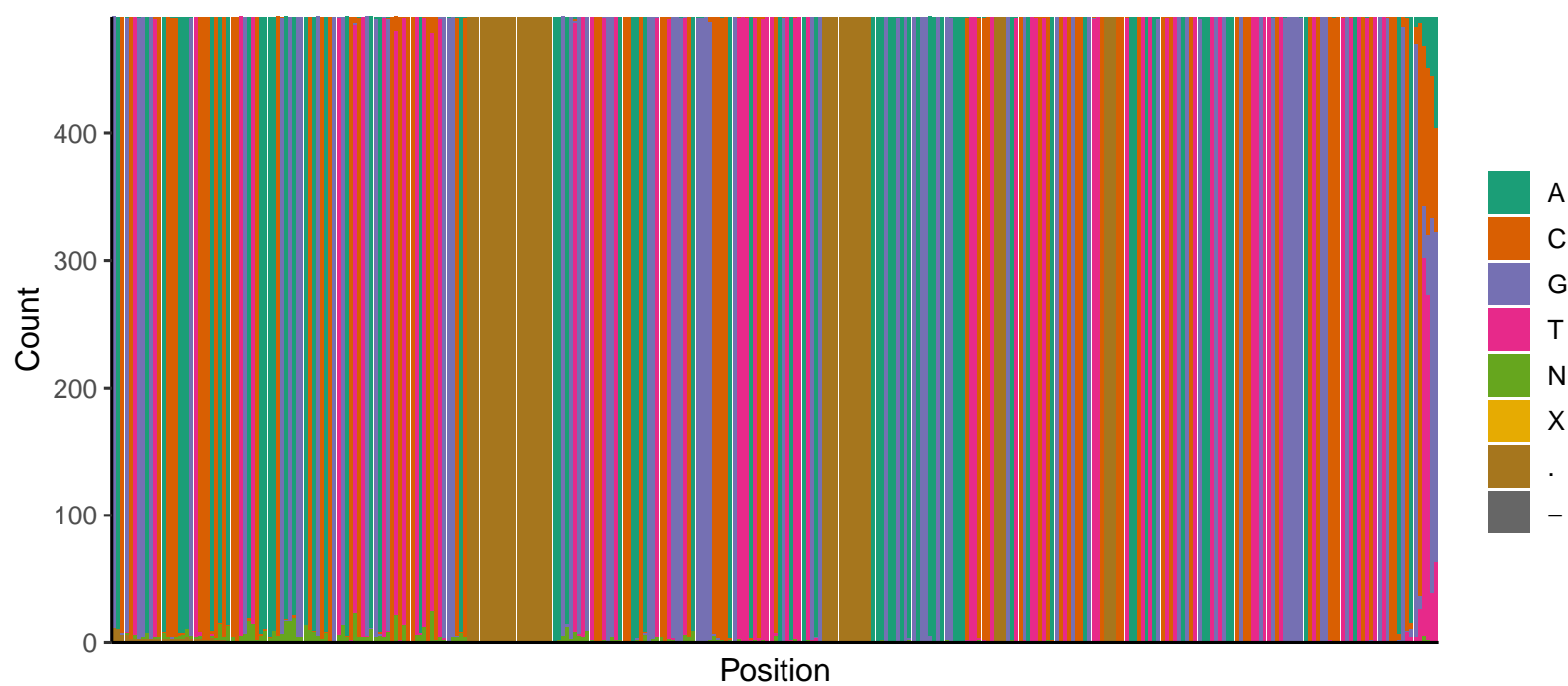
Gene TRBV12-4*01_C87T



Gene TRBV20-1*02_319AGAGA323



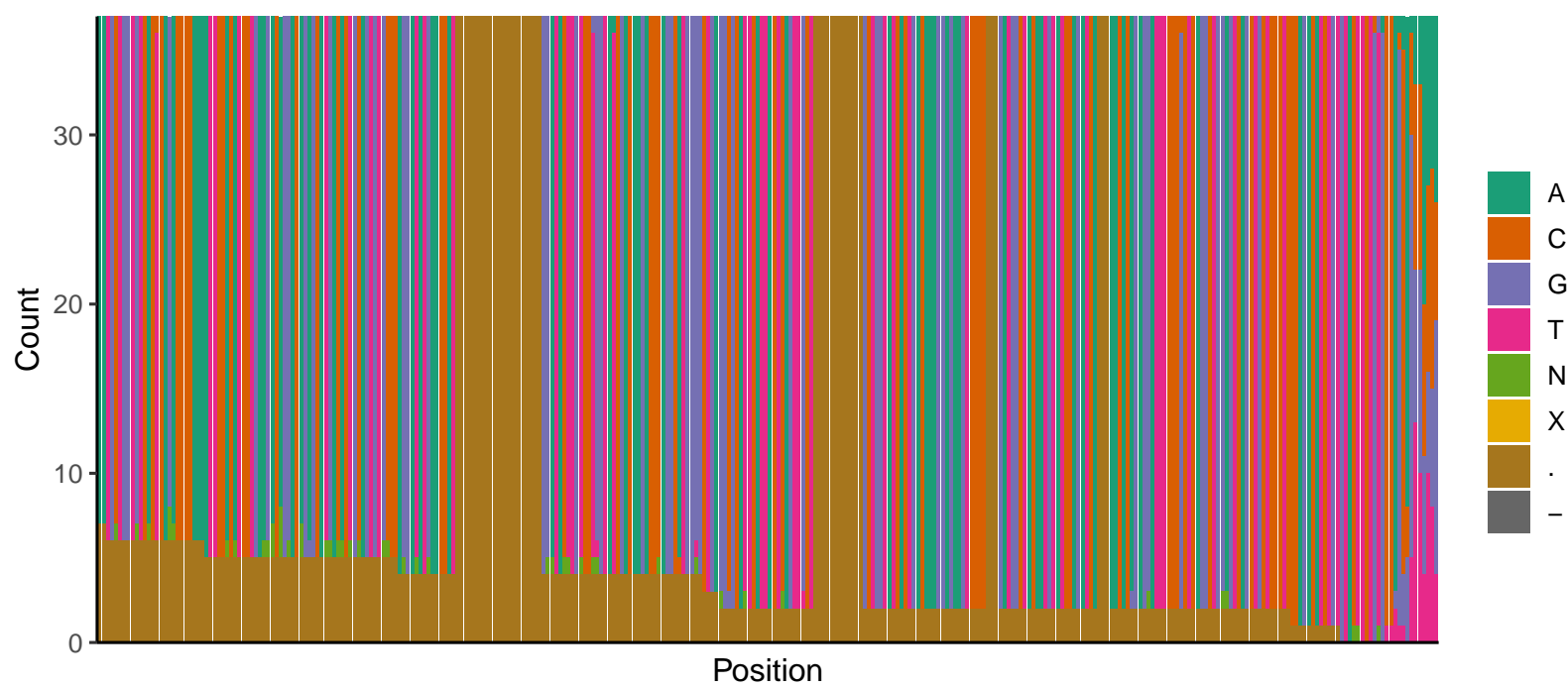
Gene TRBV5-5*02_322TTGG325



Gene TRBV5-8*01_C56T_C276T



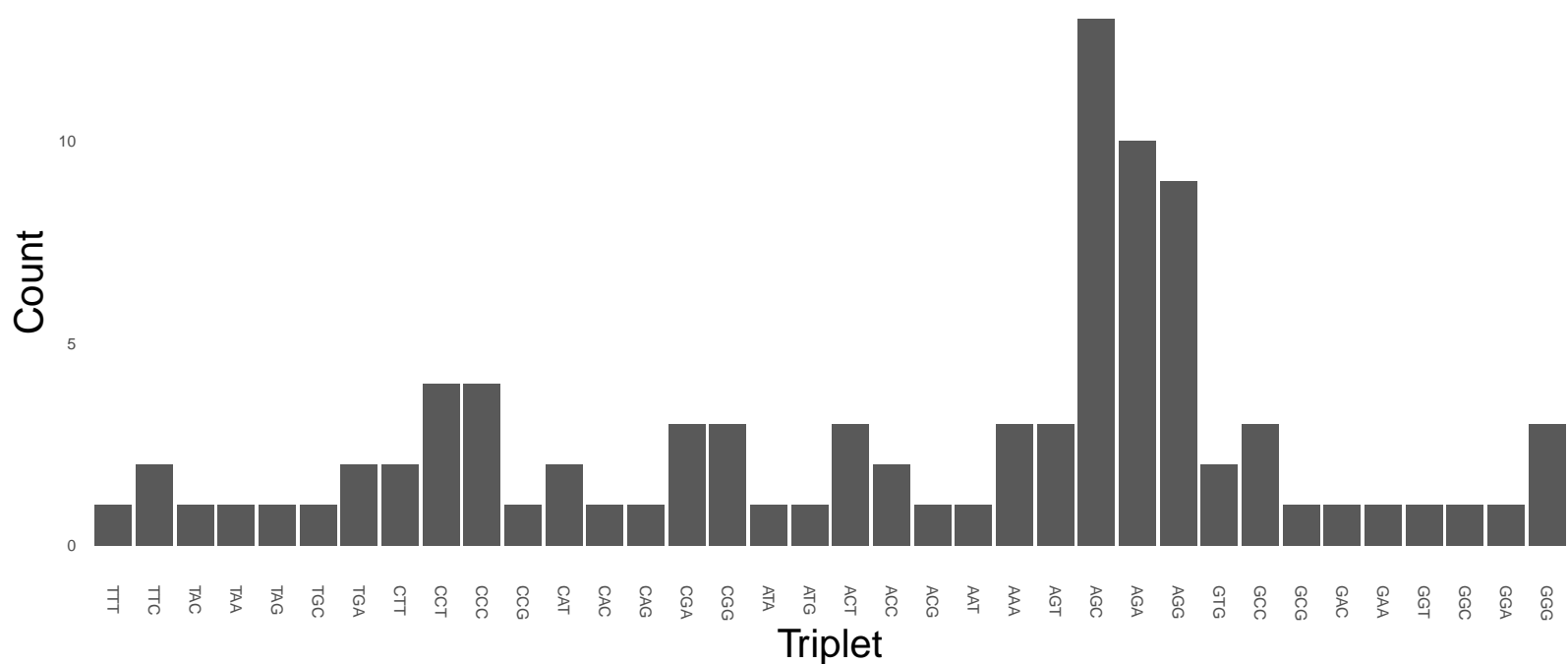
Gene TRBV6-9*01_A303G



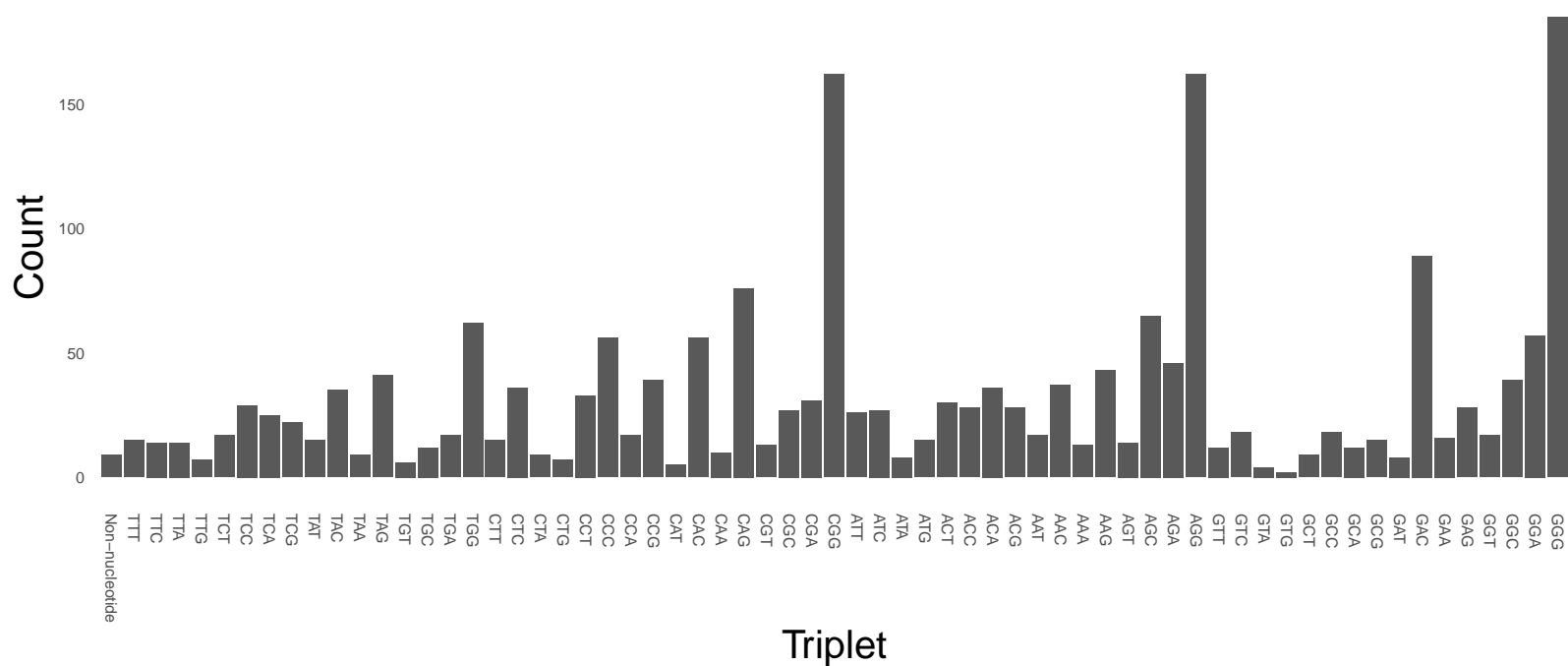
Gene TRBV7-7*01_C315T



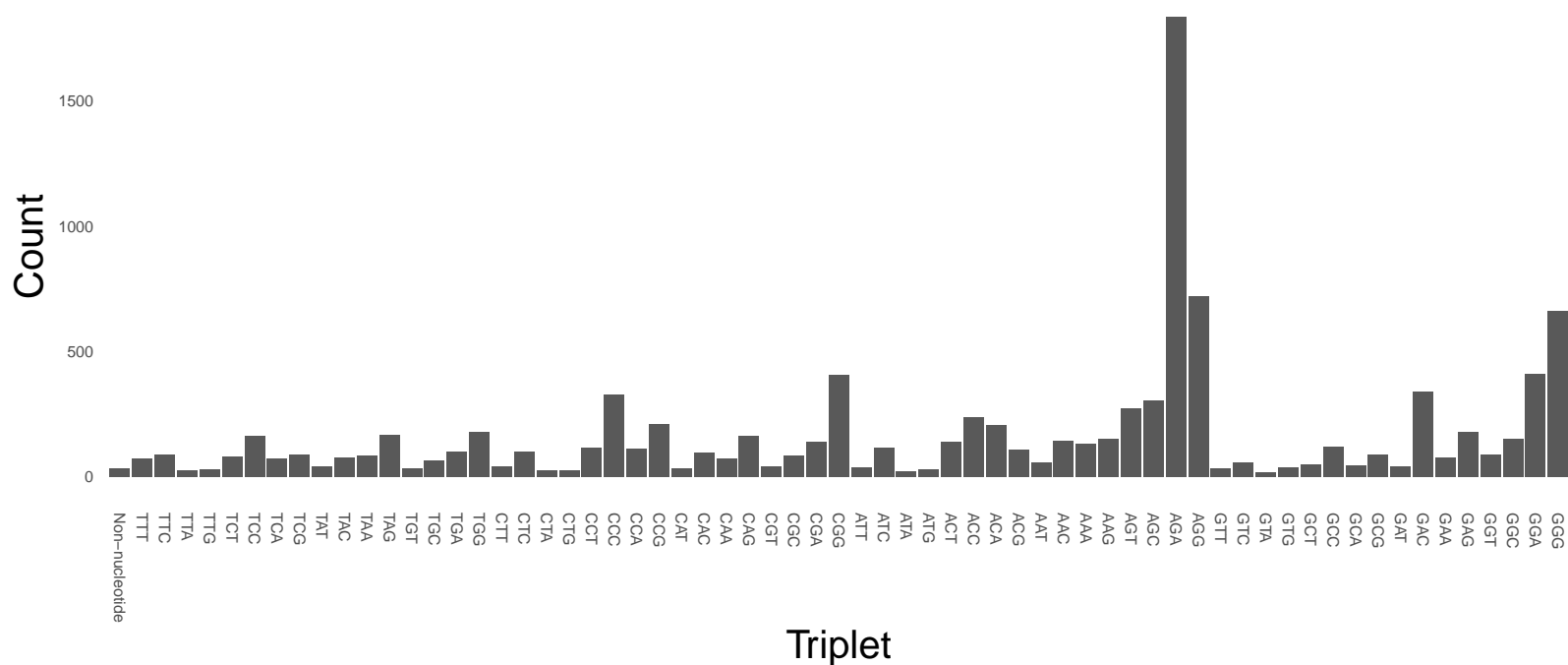
TRBV12-2*01_T187C- Final 3 nucleotides as a triplet



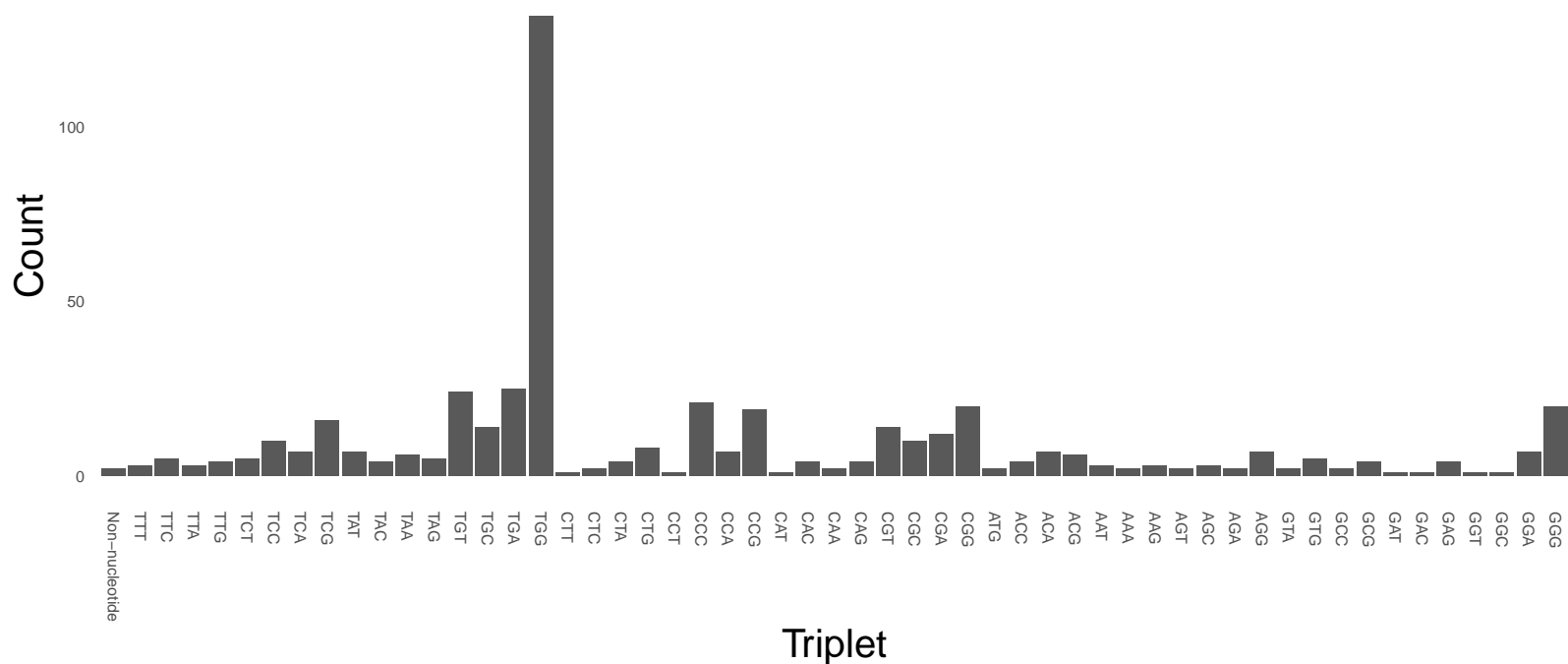
TRBV12-4*01_C87T- Final 3 nucleotides as a triplet



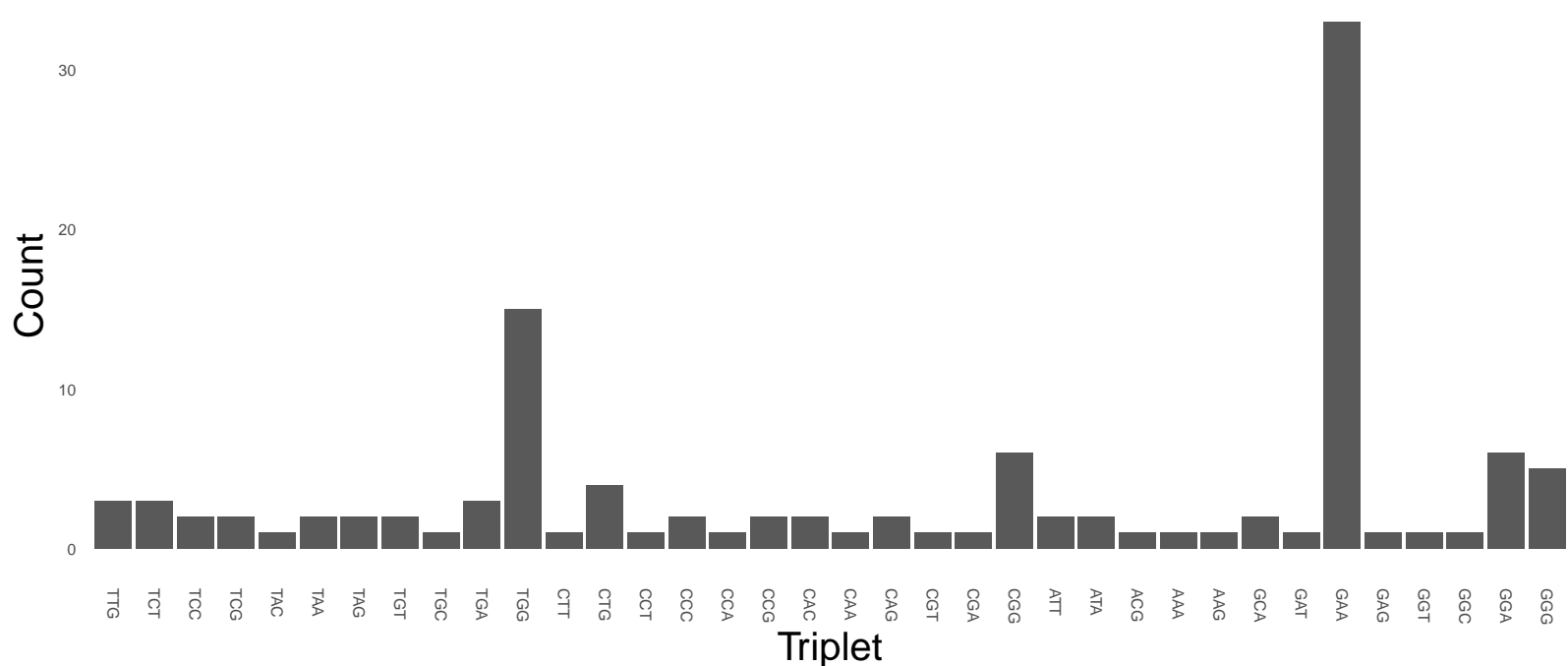
TRBV20-1*02_319AGAGA323- Final 3 nucleotides as a triplet



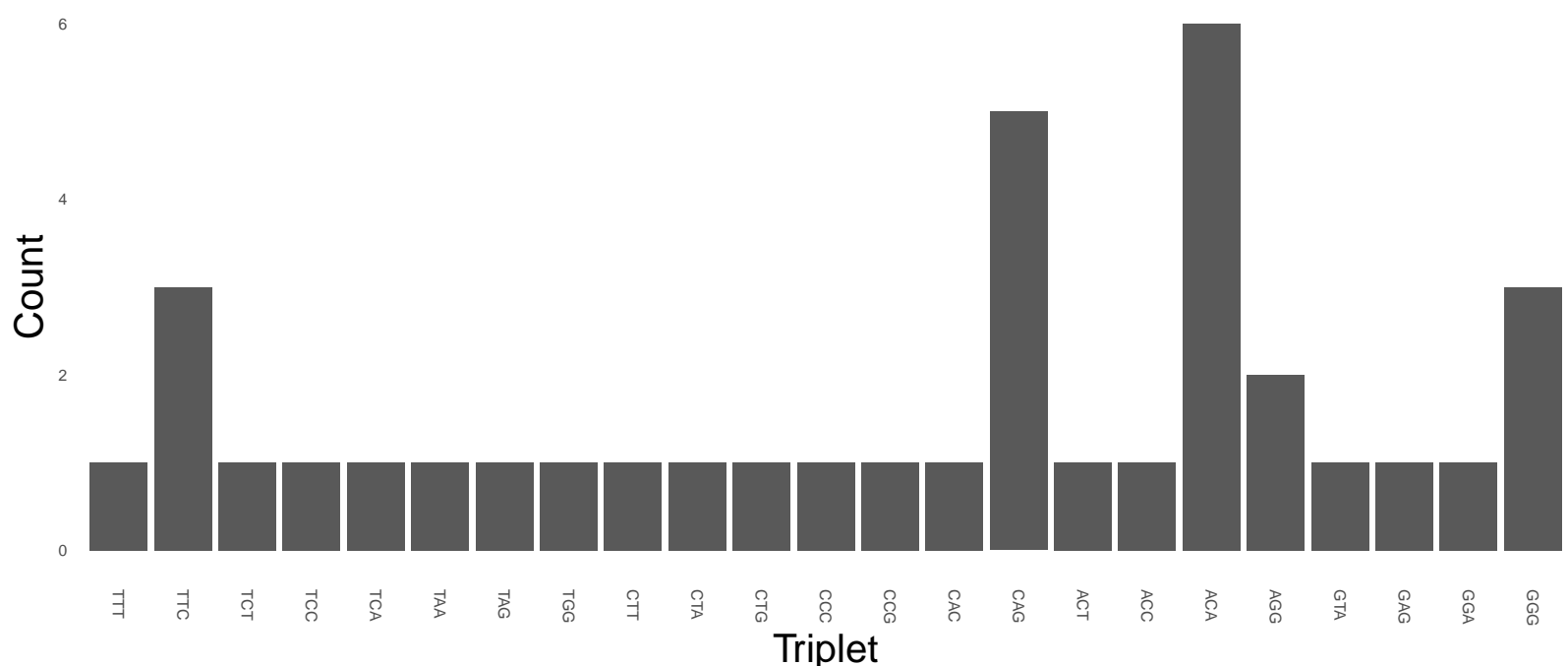
TRBV5–5*02_322TTGG325– Final 3 nucleotides as a triplet



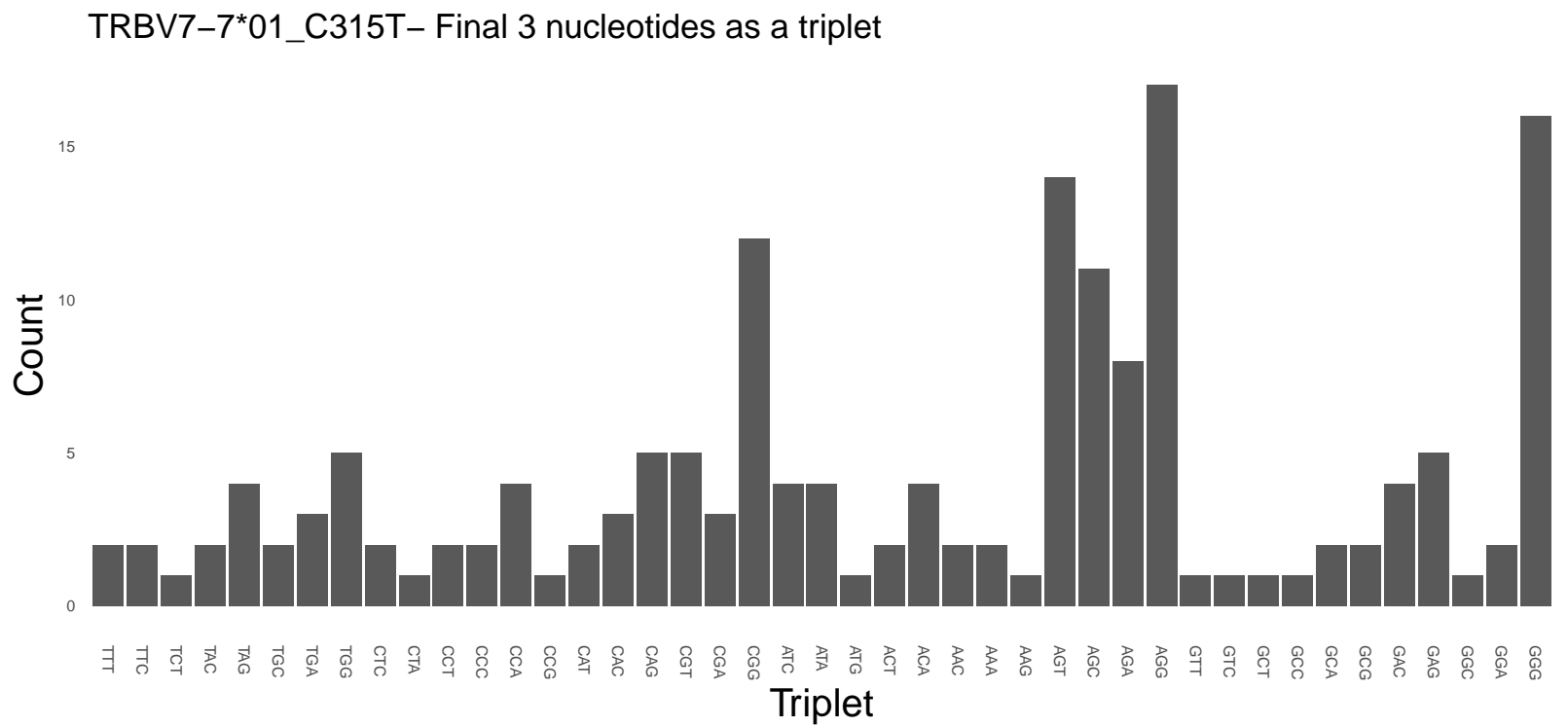
TRBV5–8*01_C56T_C276T– Final 3 nucleotides as a triplet



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

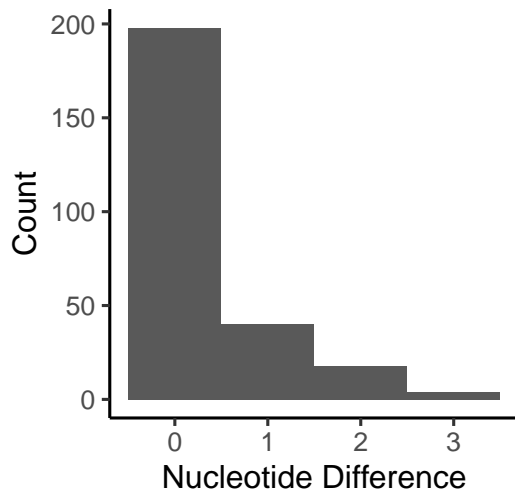


TRBV7-7*01_C315T- Final 3 nucleotides as a triplet



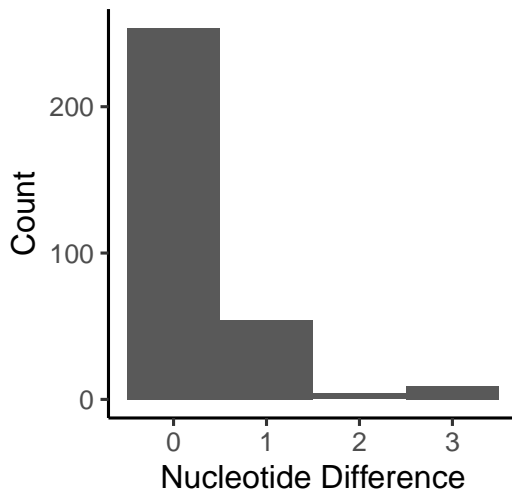
TRBV10-1*01

260 sequences assigned
198 (76.2%) exact matches, in which:
189 unique CDR3
13 unique J



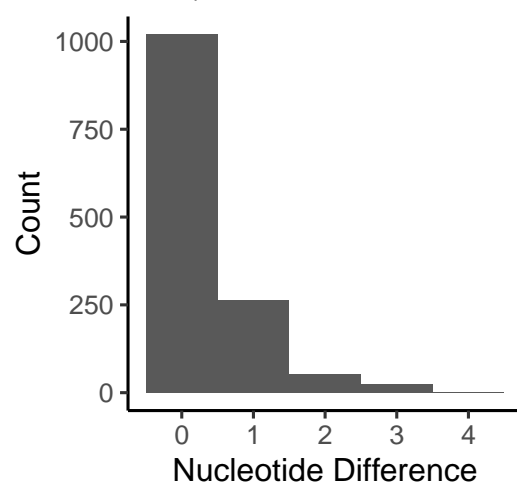
TRBV10-2*01

321 sequences assigned
254 (79.1%) exact matches, in which:
234 unique CDR3
12 unique J



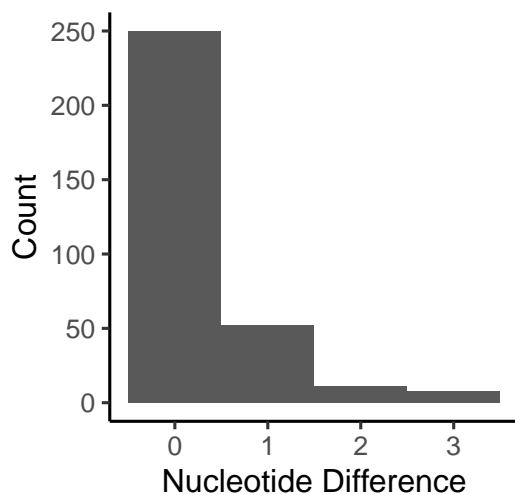
TRBV10-3*02

1359 sequences assigned
1020 (75.1%) exact matches, in which:
974 unique CDR3
13 unique J



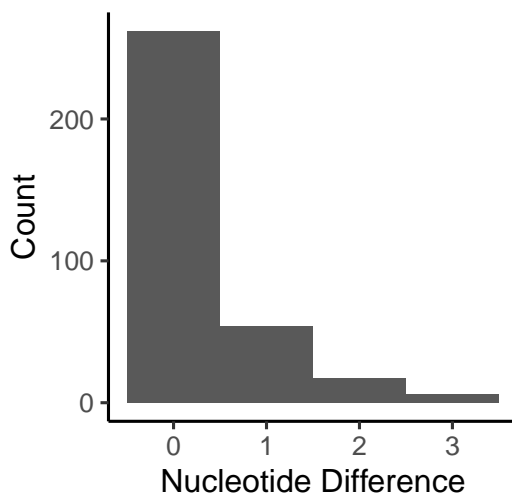
TRBV10-1*02

321 sequences assigned
250 (77.9%) exact matches, in which:
218 unique CDR3
12 unique J



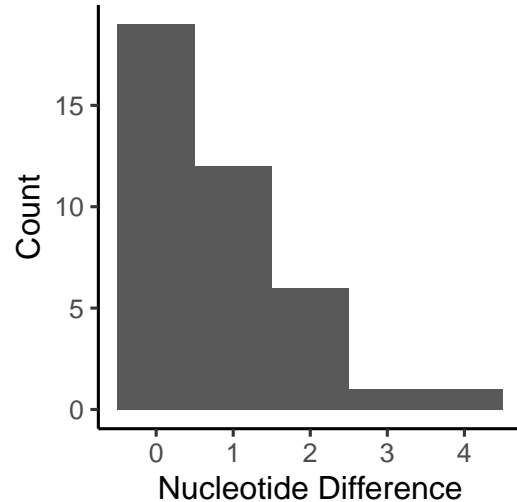
TRBV10-2*02

339 sequences assigned
262 (77.3%) exact matches, in which:
254 unique CDR3
13 unique J



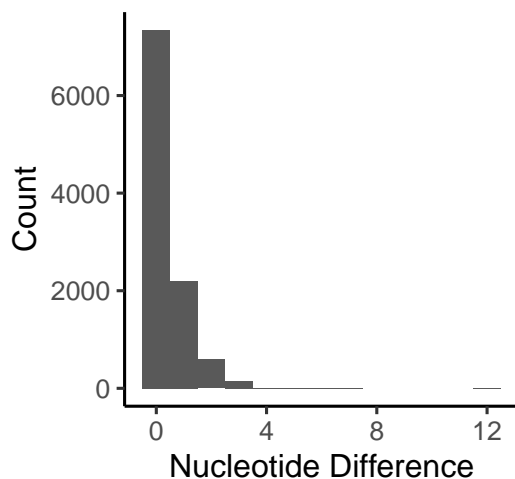
TRBV1*01

39 sequences assigned
19 (48.7%) exact matches, in which:
16 unique CDR3
9 unique J



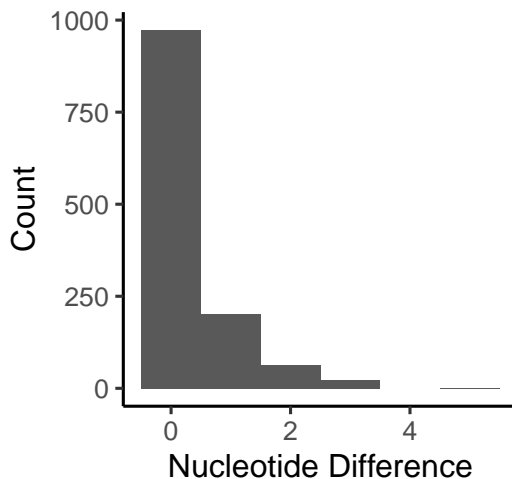
TRBV20-1*02_319AGAG

10304 sequences assigned
7342 (71.3%) exact matches, in which:
6844 unique CDR3
13 unique J



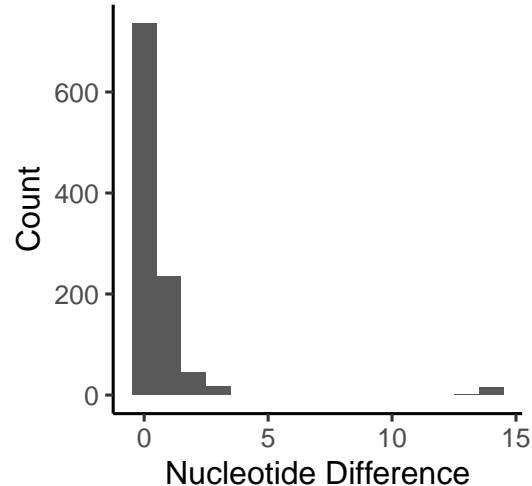
TRBV10-3*01

1262 sequences assigned
973 (77.1%) exact matches, in which:
930 unique CDR3
13 unique J



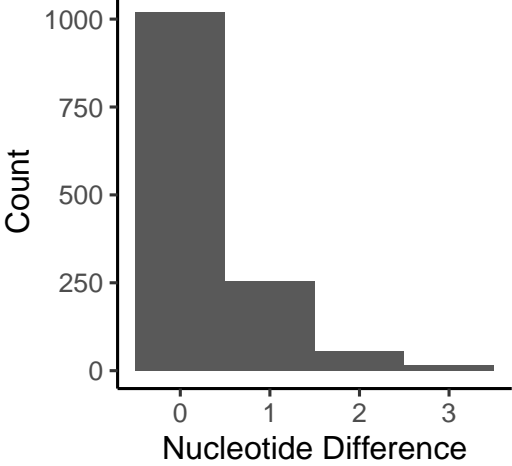
TRBV13*01

1048 sequences assigned
736 (70.2%) exact matches, in which:
693 unique CDR3
13 unique J



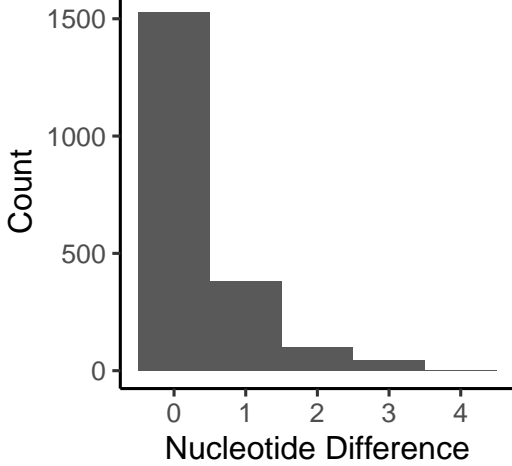
TRBV14*01

1345 sequences assigned
1019 (75.8%) exact matches, in which:
936 unique CDR3
13 unique J



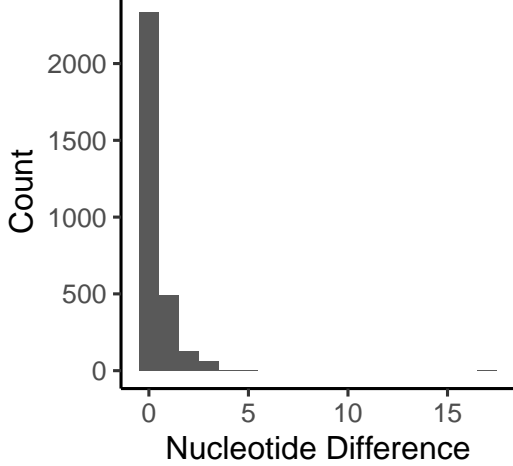
TRBV18*01

2053 sequences assigned
1527 (74.4%) exact matches, in which:
1364 unique CDR3
13 unique J



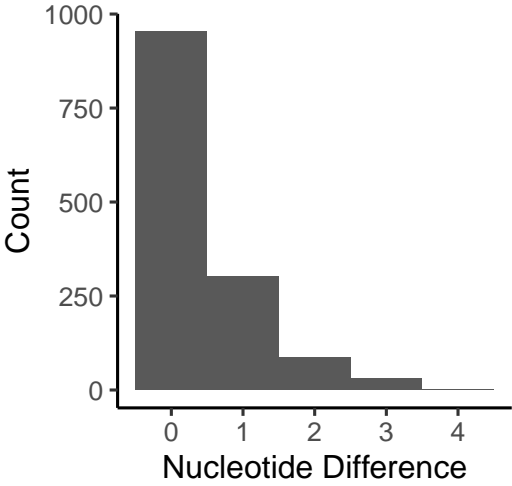
TRBV27*01

3014 sequences assigned
2333 (77.4%) exact matches, in which:
2223 unique CDR3
13 unique J



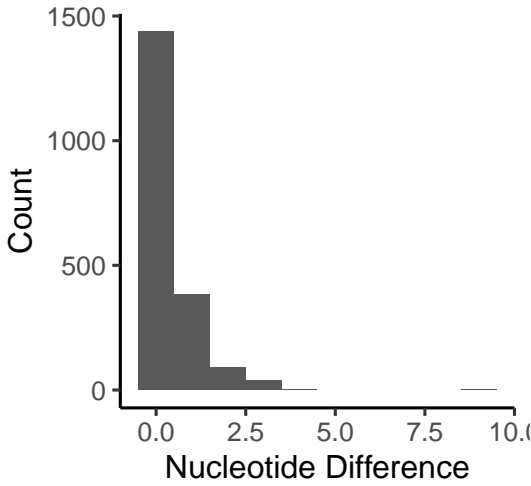
TRBV15*02

1373 sequences assigned
953 (69.4%) exact matches, in which:
876 unique CDR3
13 unique J



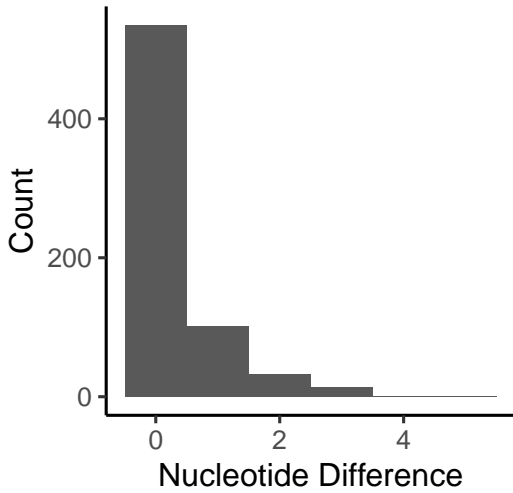
TRBV19*01

1954 sequences assigned
1437 (73.5%) exact matches, in which:
1311 unique CDR3
13 unique J



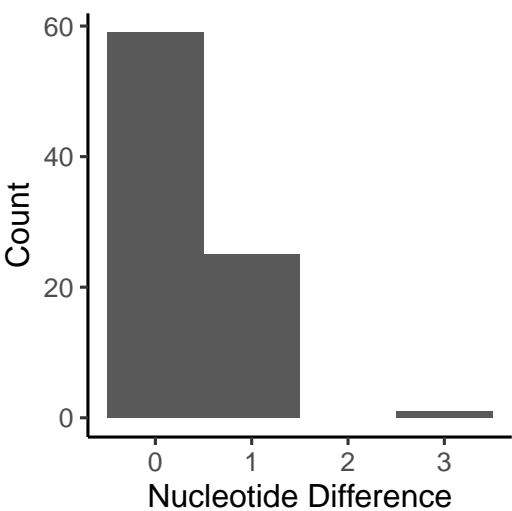
TRBV28*01

684 sequences assigned
535 (78.2%) exact matches, in which:
511 unique CDR3
13 unique J



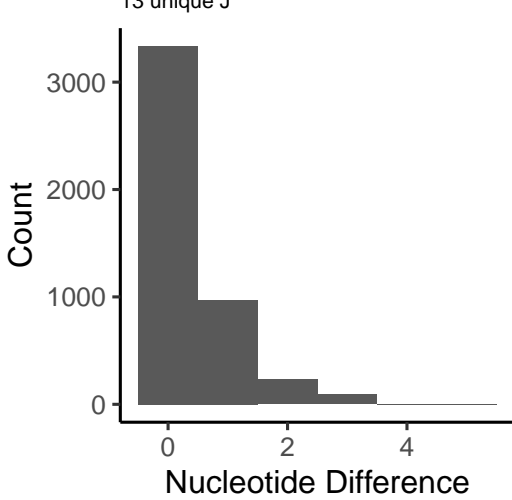
TRBV16*01

85 sequences assigned
59 (69.4%) exact matches, in which:
57 unique CDR3
13 unique J



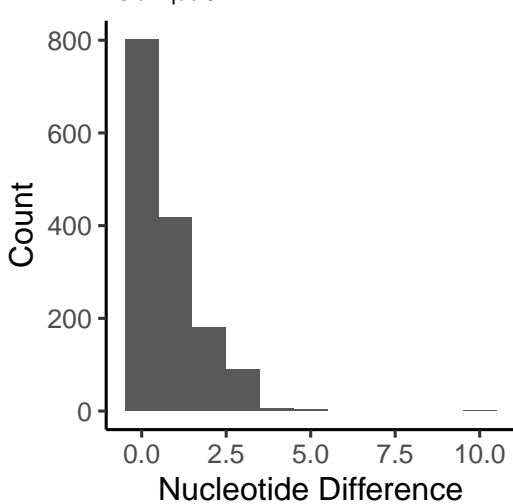
TRBV2*01

4636 sequences assigned
3336 (72%) exact matches, in which:
3013 unique CDR3
13 unique J



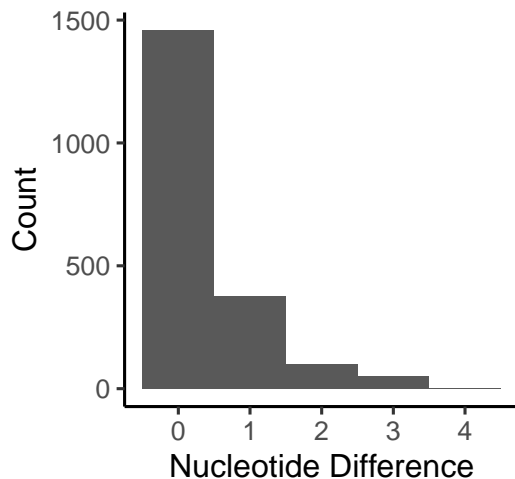
TRBV30*01

1501 sequences assigned
802 (53.4%) exact matches, in which:
755 unique CDR3
13 unique J



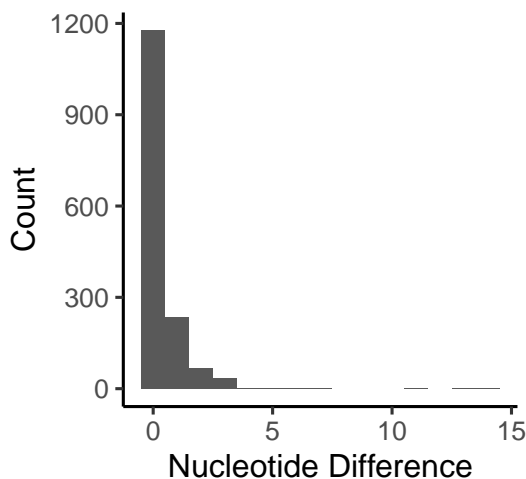
TRBV9*01

1988 sequences assigned
1458 (73.3%) exact matches, in which:
1382 unique CDR3
13 unique J



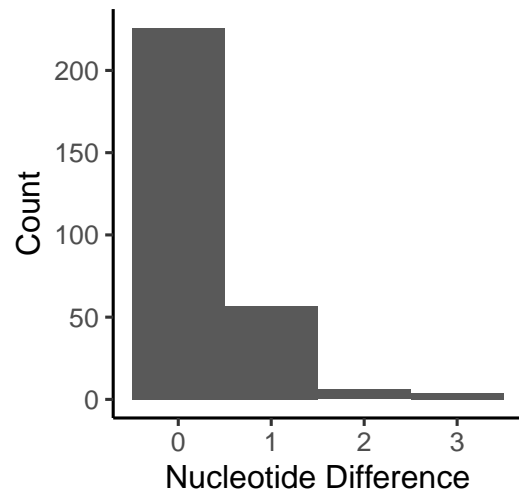
TRBV21-1*02

1527 sequences assigned
1177 (77.1%) exact matches, in which:
1093 unique CDR3
14 unique J



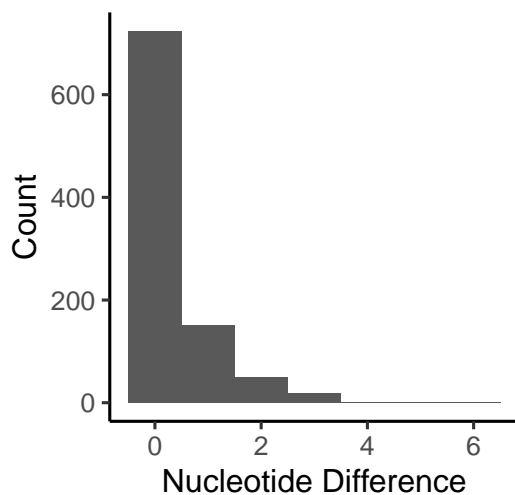
TRBV11-3*01

293 sequences assigned
226 (77.1%) exact matches, in which:
206 unique CDR3
13 unique J



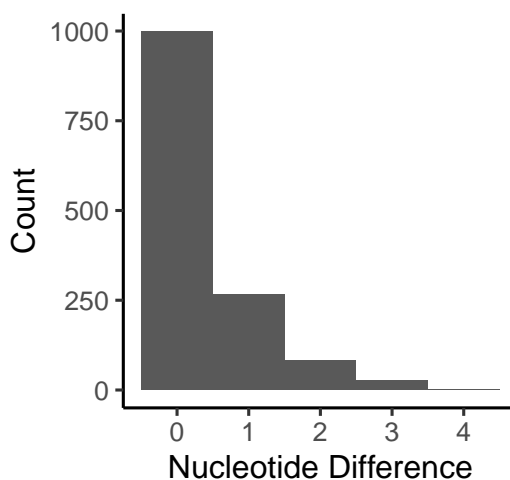
TRBV9*02

946 sequences assigned
724 (76.5%) exact matches, in which:
694 unique CDR3
13 unique J



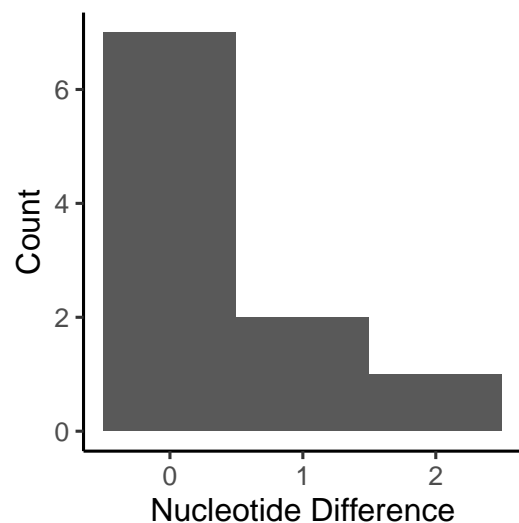
TRBV11-2*01

1375 sequences assigned
998 (72.6%) exact matches, in which:
916 unique CDR3
13 unique J



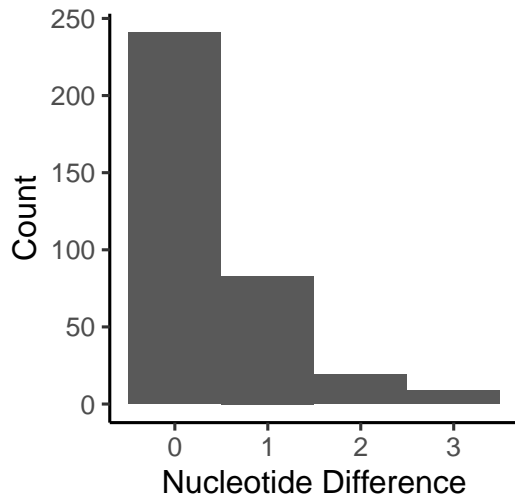
TRBV12-1*01

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



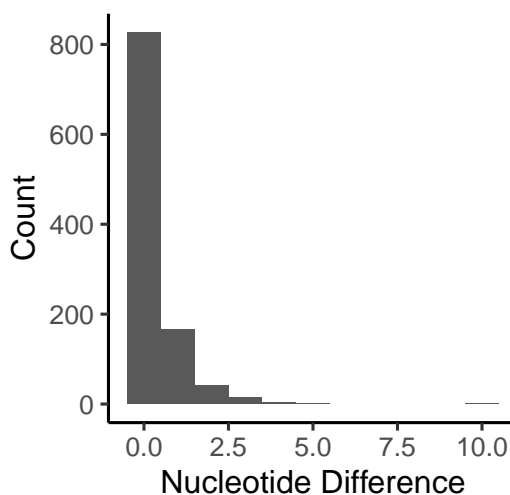
TRBV11-1*01

352 sequences assigned
241 (68.5%) exact matches, in which:
236 unique CDR3
13 unique J



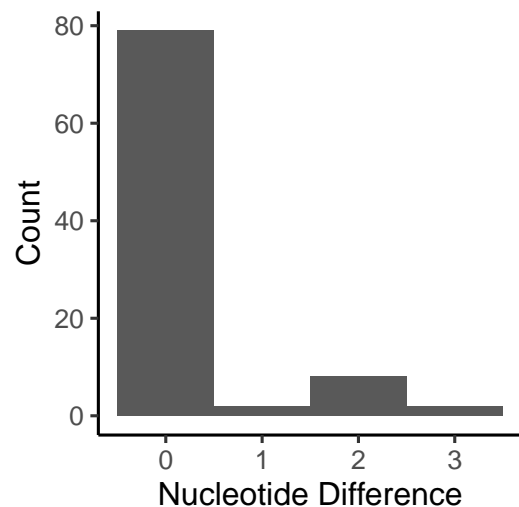
TRBV11-2*03

1053 sequences assigned
827 (78.5%) exact matches, in which:
798 unique CDR3
13 unique J



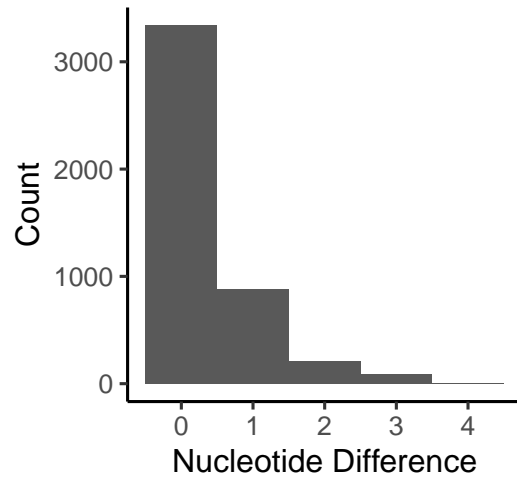
TRBV12-2*01_T187C

91 sequences assigned
79 (86.8%) exact matches, in which:
76 unique CDR3
12 unique J



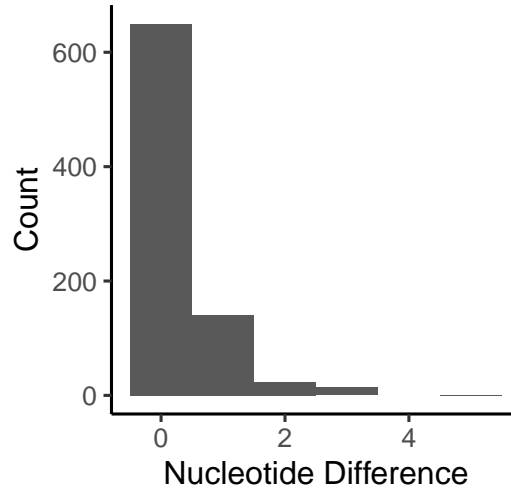
TRBV12-3*01

4527 sequences assigned
3339 (73.8%) exact matches, in which:
3168 unique CDR3
13 unique J



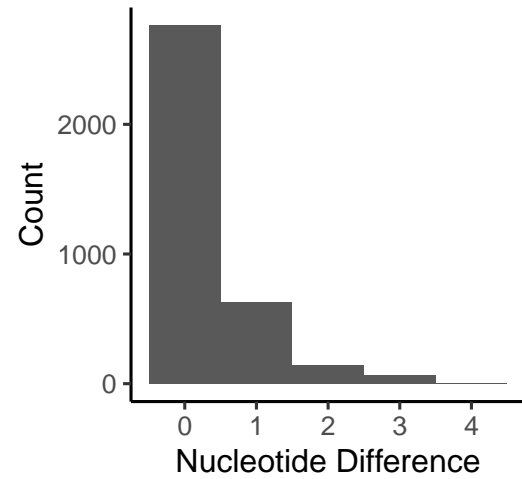
TRBV12-5*01

828 sequences assigned
650 (78.5%) exact matches, in which:
618 unique CDR3
13 unique J



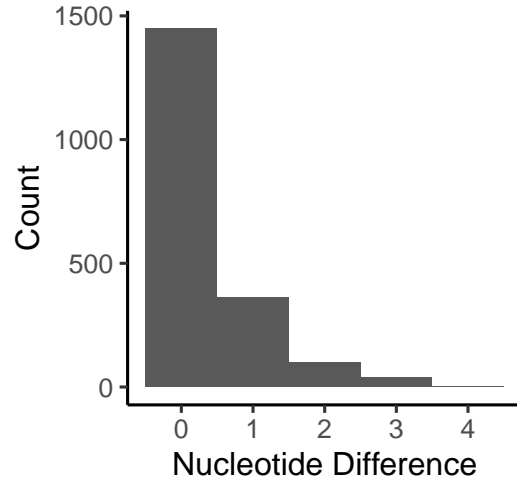
TRBV4-1*01

3603 sequences assigned
2763 (76.7%) exact matches, in which:
2578 unique CDR3
13 unique J



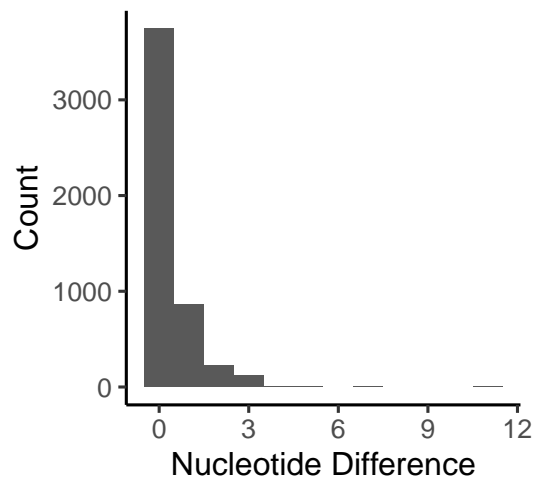
TRBV12-4*01

1949 sequences assigned
1448 (74.3%) exact matches, in which:
1406 unique CDR3
13 unique J



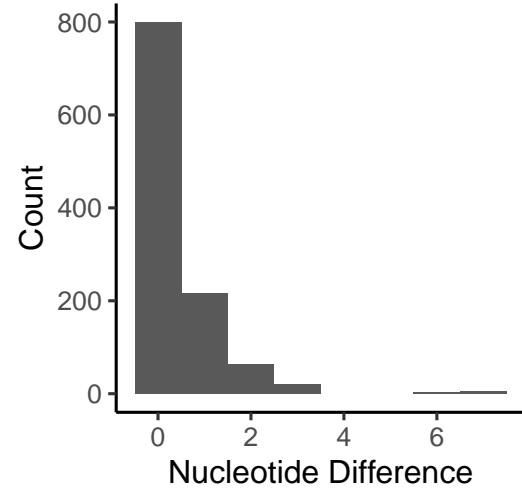
TRBV3-1*01

4950 sequences assigned
3743 (75.6%) exact matches, in which:
3450 unique CDR3
13 unique J



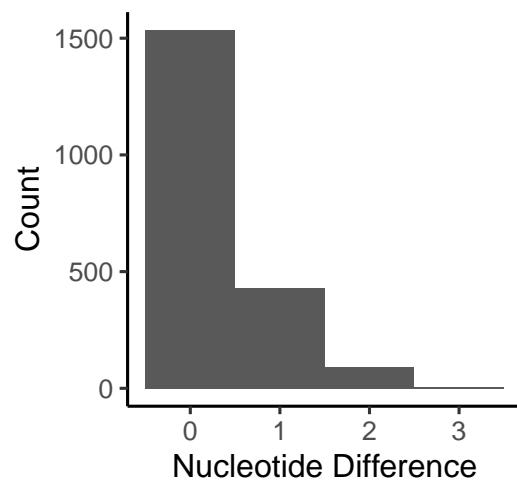
TRBV24-1*02

1109 sequences assigned
800 (72.1%) exact matches, in which:
752 unique CDR3
13 unique J



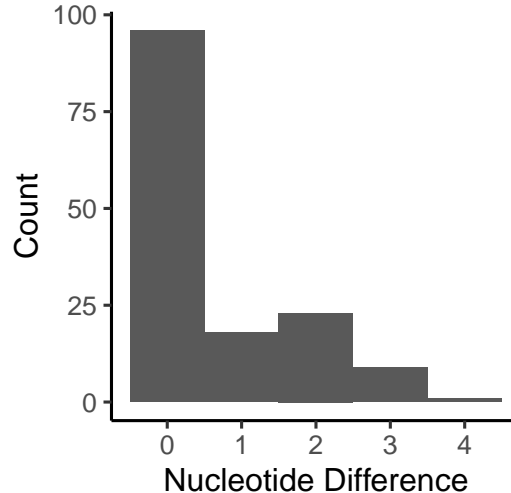
TRBV12-4*01_C87T

2065 sequences assigned
1535 (74.3%) exact matches, in which:
1457 unique CDR3
13 unique J



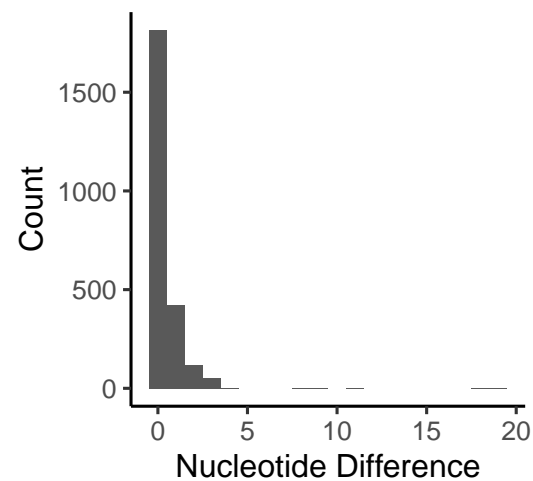
TRBV23-1*01

147 sequences assigned
96 (65.3%) exact matches, in which:
92 unique CDR3
11 unique J



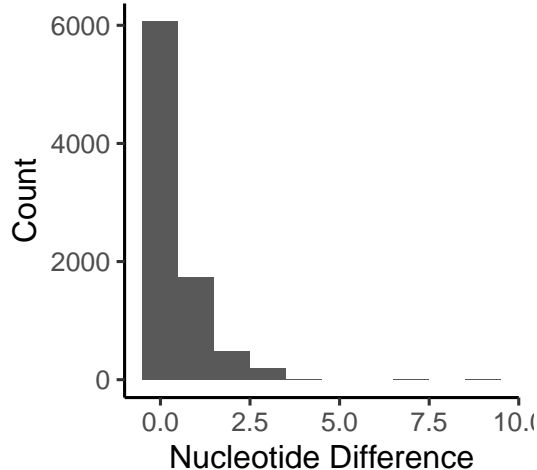
TRBV4-2*01

2421 sequences assigned
1815 (75%) exact matches, in which:
1612 unique CDR3
13 unique J



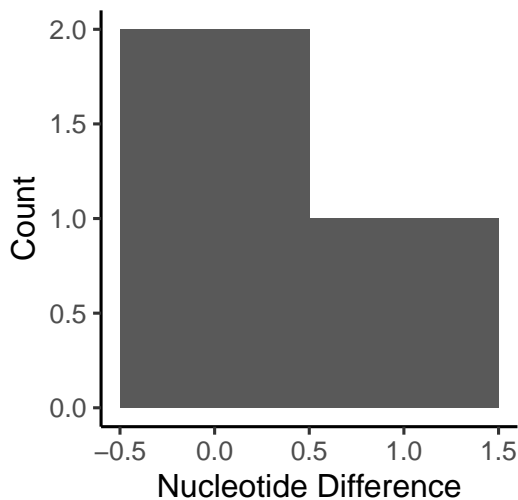
TRBV5-1*01

8495 sequences assigned
6066 (71.4%) exact matches, in which:
5740 unique CDR3
13 unique J



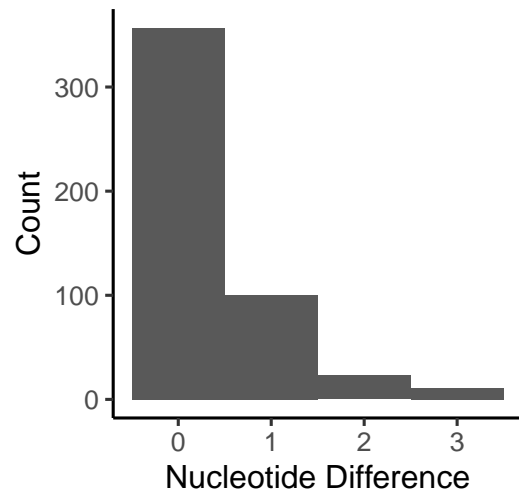
TRBV5-3*02

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



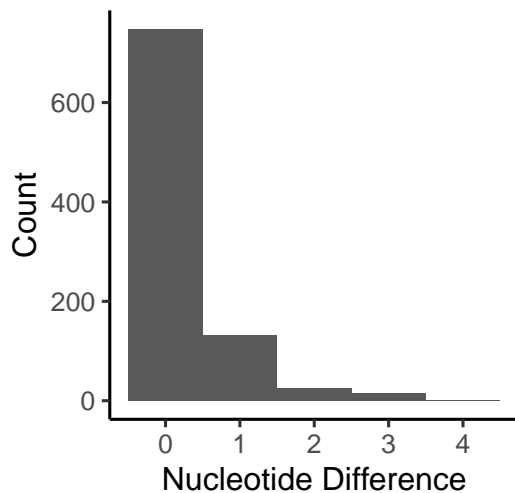
TRBV5-5*02_322TTGG3

491 sequences assigned
357 (72.7%) exact matches, in which:
328 unique CDR3
13 unique J



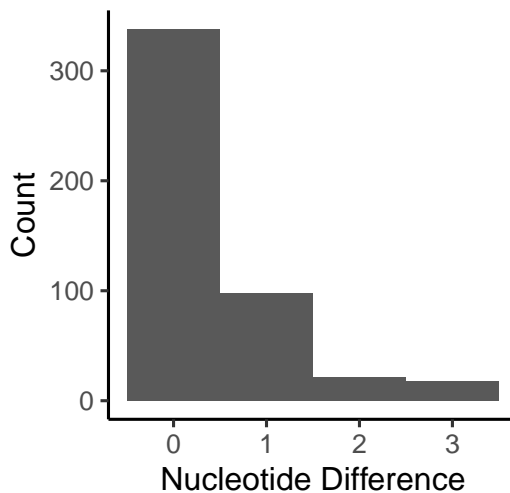
TRBV25-1*01

923 sequences assigned
748 (81%) exact matches, in which:
719 unique CDR3
13 unique J



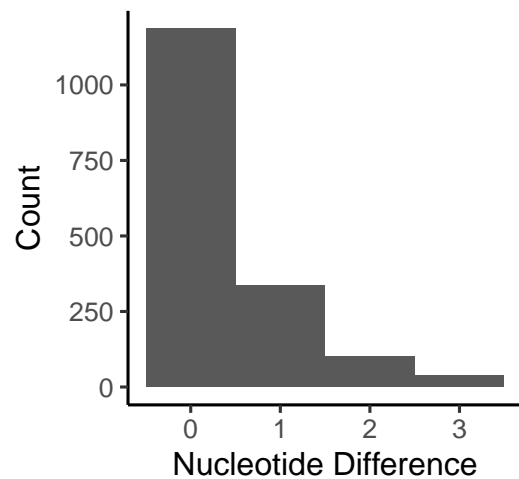
TRBV5-4*01

476 sequences assigned
338 (71%) exact matches, in which:
306 unique CDR3
13 unique J



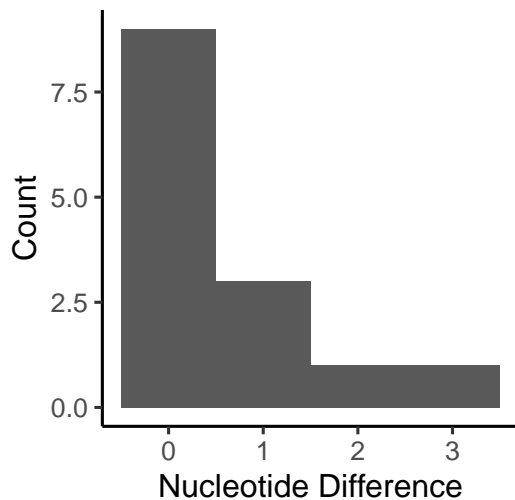
TRBV5-6*01

1663 sequences assigned
1186 (71.3%) exact matches, in which:
1080 unique CDR3
13 unique J



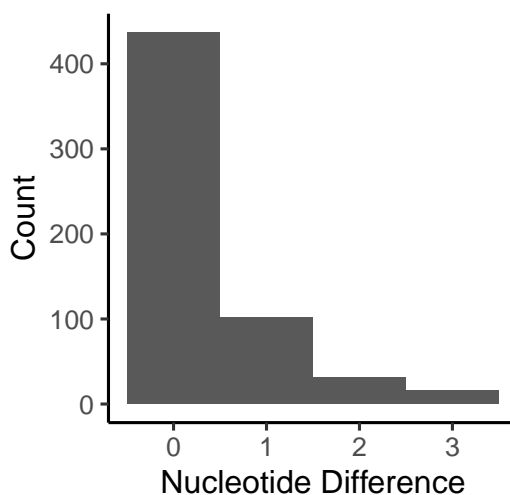
TRBV5-3*01

14 sequences assigned
9 (64.3%) exact matches, in which:
9 unique CDR3
7 unique J



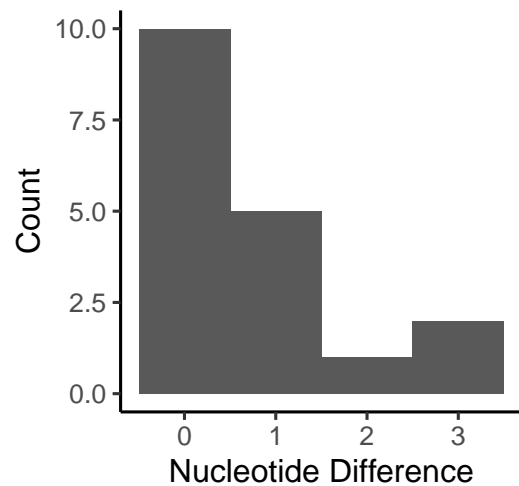
TRBV5-5*01

586 sequences assigned
437 (74.6%) exact matches, in which:
422 unique CDR3
13 unique J



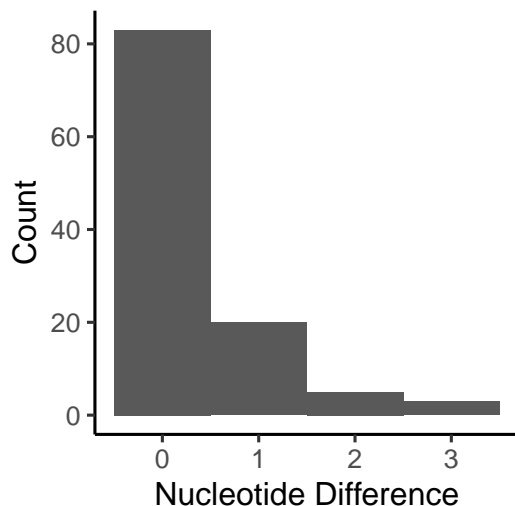
TRBV5-7*01

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



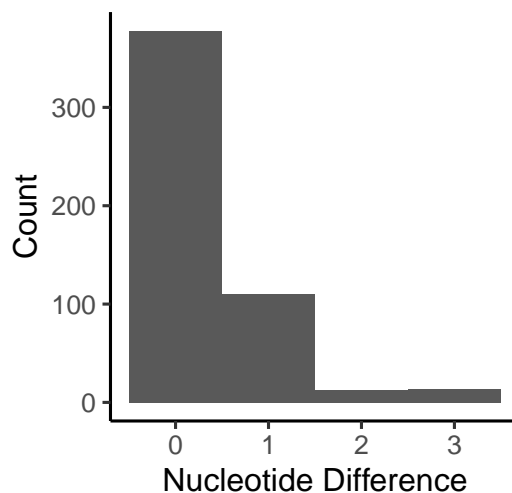
TRBV5-8*01

111 sequences assigned
83 (74.8%) exact matches, in which:
77 unique CDR3
12 unique J



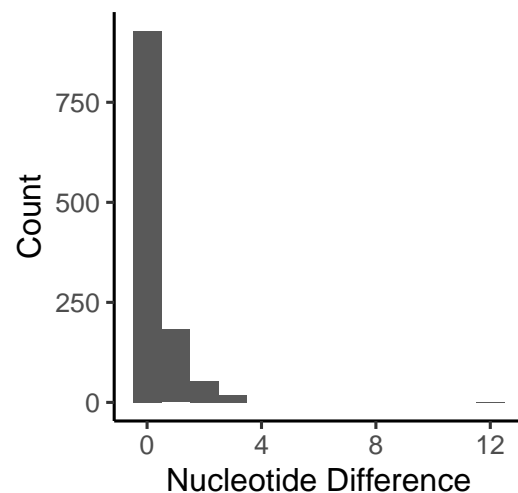
TRBV6-4*01

515 sequences assigned
378 (73.4%) exact matches, in which:
343 unique CDR3
13 unique J



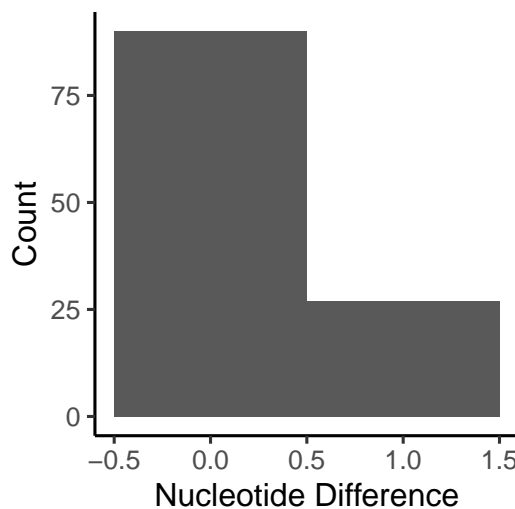
TRBV6-6*01

1184 sequences assigned
929 (78.5%) exact matches, in which:
880 unique CDR3
13 unique J



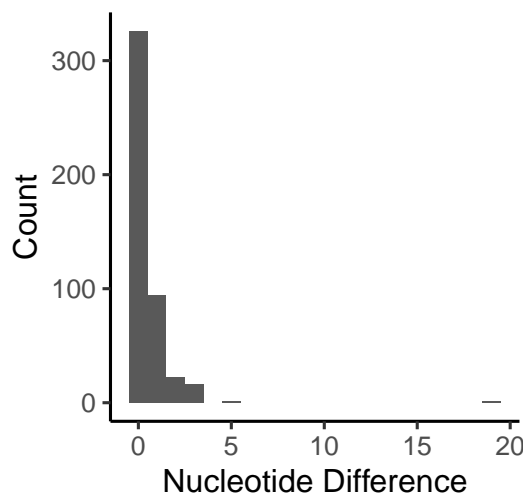
TRBV5-8*01_C56T_C276

117 sequences assigned
90 (76.9%) exact matches, in which:
62 unique CDR3
13 unique J



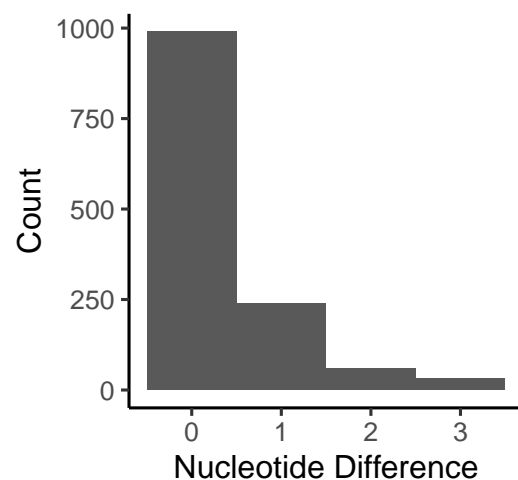
TRBV6-4*02

460 sequences assigned
326 (70.9%) exact matches, in which:
300 unique CDR3
13 unique J



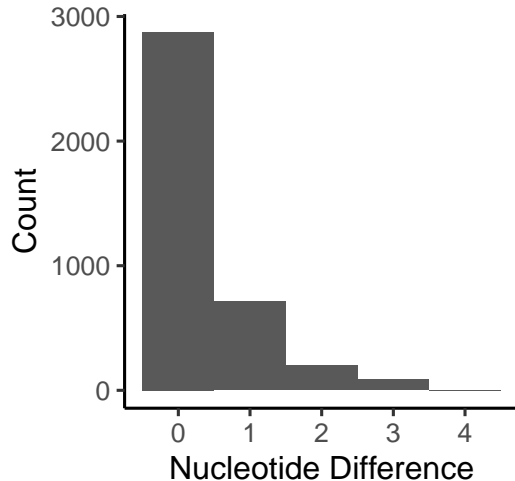
TRBV6-6*02

1321 sequences assigned
990 (74.9%) exact matches, in which:
915 unique CDR3
13 unique J



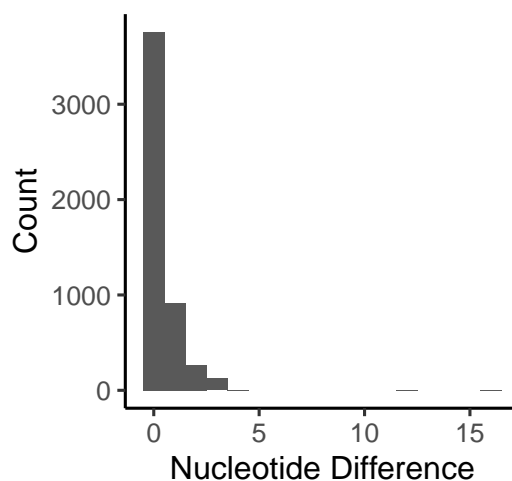
TRBV6-1*01

3878 sequences assigned
2875 (74.1%) exact matches, in which:
2612 unique CDR3
13 unique J



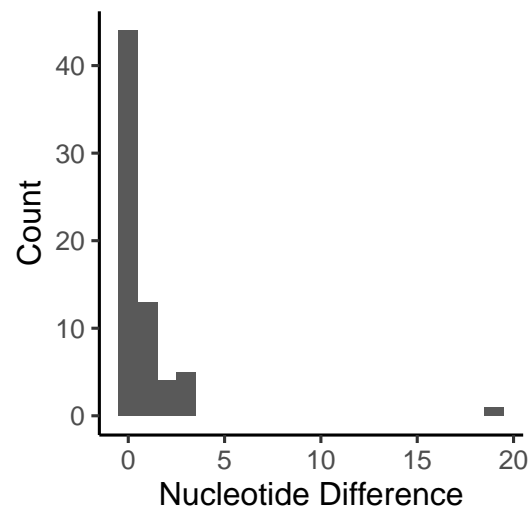
TRBV6-5*01

5067 sequences assigned
3757 (74.1%) exact matches, in which:
3562 unique CDR3
13 unique J



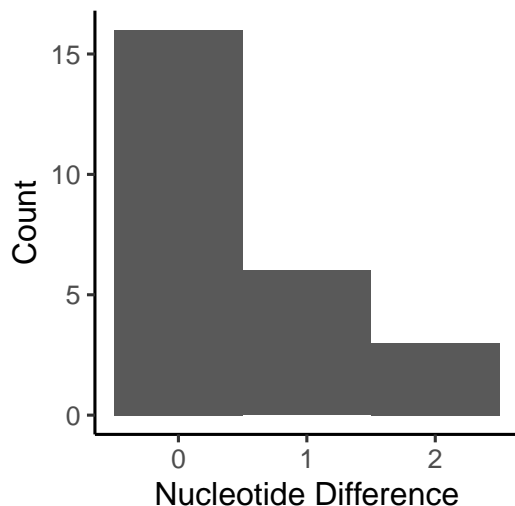
TRBV6-7*01

67 sequences assigned
44 (65.7%) exact matches, in which:
39 unique CDR3
11 unique J



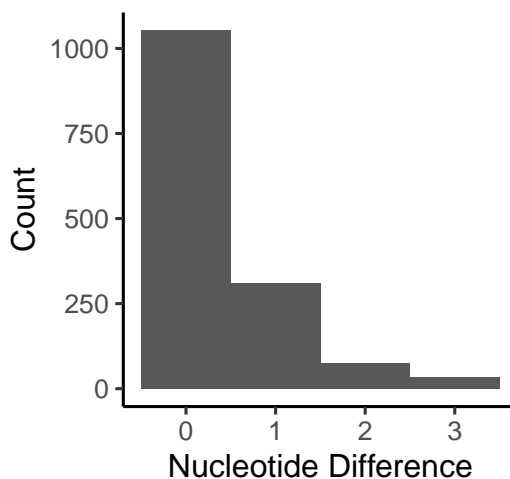
TRBV6-8*01

25 sequences assigned
16 (64%) exact matches, in which:
16 unique CDR3
8 unique J



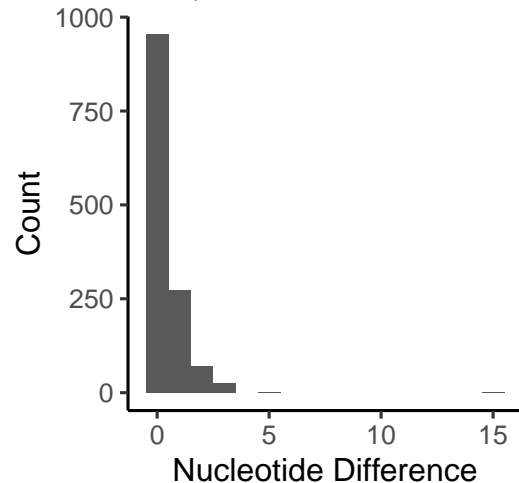
TRBV6-23*01

1473 sequences assigned
1053 (71.5%) exact matches, in which:
969 unique CDR3
13 unique J



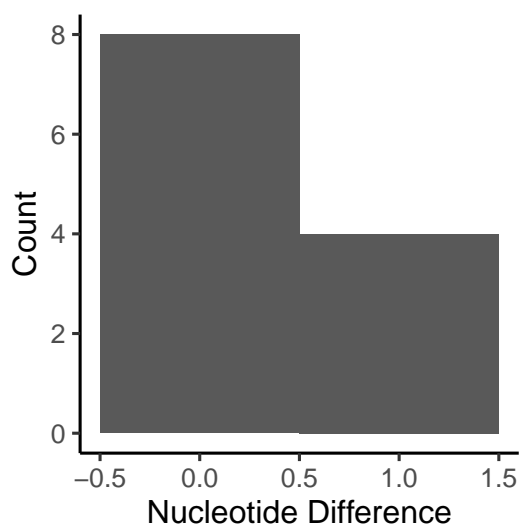
TRBV7-3*01

1323 sequences assigned
954 (72.1%) exact matches, in which:
885 unique CDR3
13 unique J



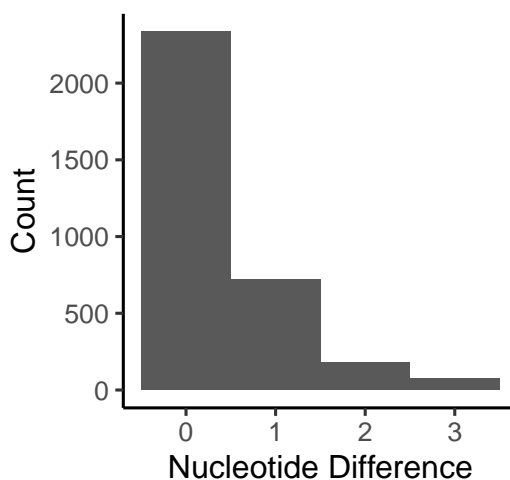
TRBV6-9*01

12 sequences assigned
8 (66.7%) exact matches, in which:
8 unique CDR3
6 unique J



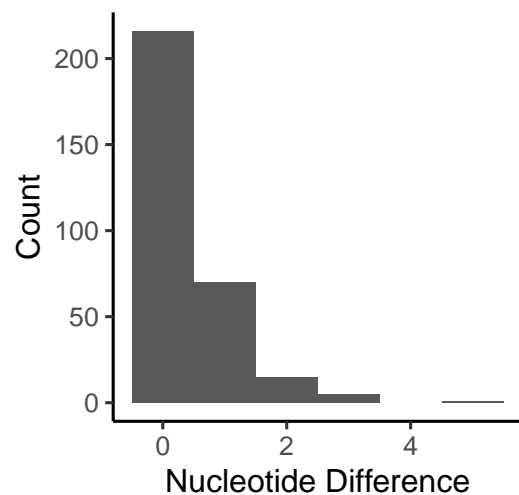
TRBV7-2*01

3307 sequences assigned
2335 (70.6%) exact matches, in which:
2152 unique CDR3
13 unique J



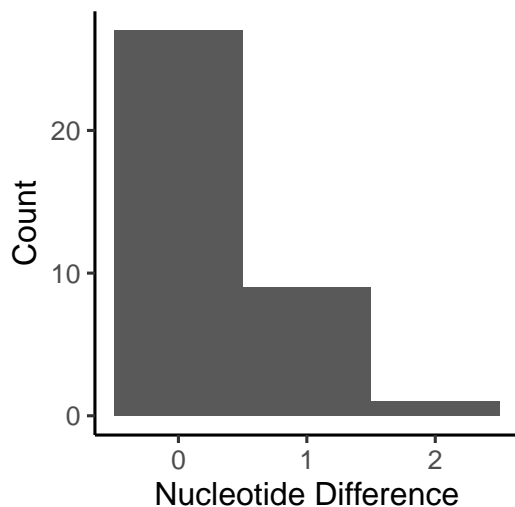
TRBV7-3*03

307 sequences assigned
216 (70.4%) exact matches, in which:
209 unique CDR3
13 unique J



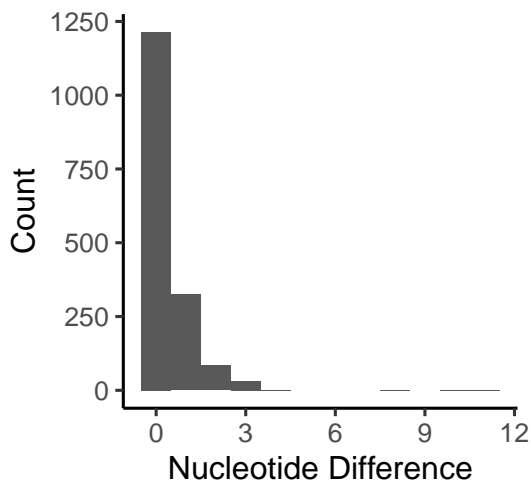
TRBV6-9*01_A303G

37 sequences assigned
27 (73%) exact matches, in which:
26 unique CDR3
11 unique J



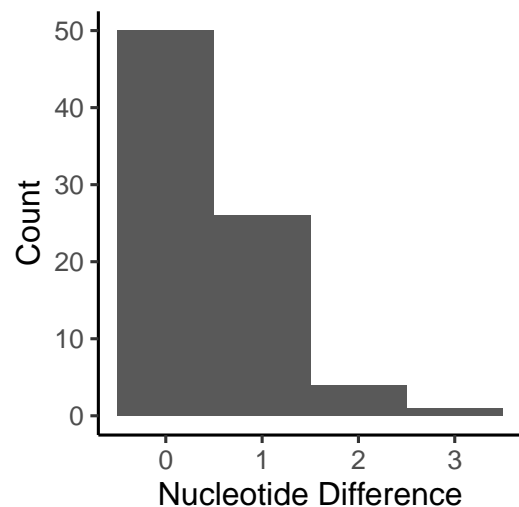
TRBV7-2*02

1659 sequences assigned
1214 (73.2%) exact matches, in which:
1165 unique CDR3
13 unique J



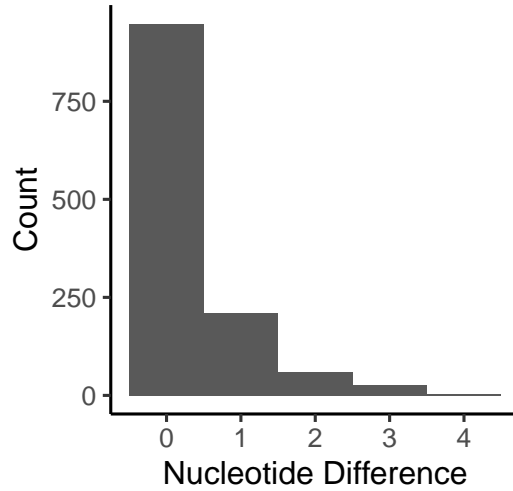
TRBV7-4*01

81 sequences assigned
50 (61.7%) exact matches, in which:
46 unique CDR3
11 unique J



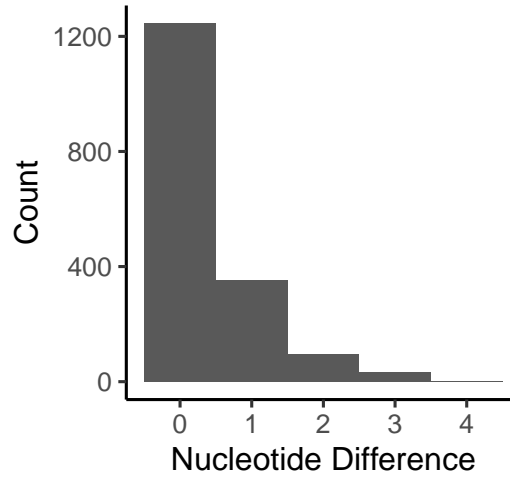
TRBV7-6*01

1247 sequences assigned
948 (76%) exact matches, in which:
886 unique CDR3
13 unique J



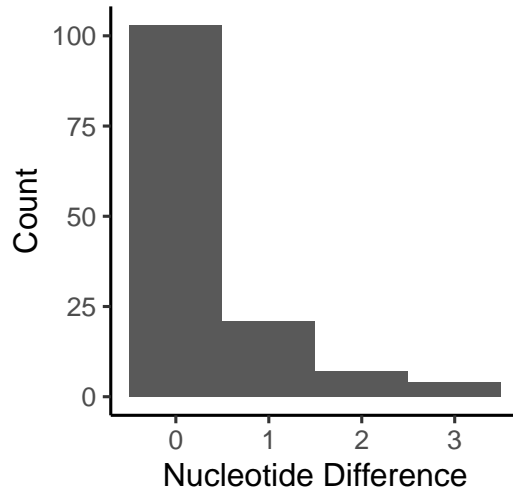
TRBV7-8*01

1727 sequences assigned
1245 (72.1%) exact matches, in which:
1114 unique CDR3
13 unique J



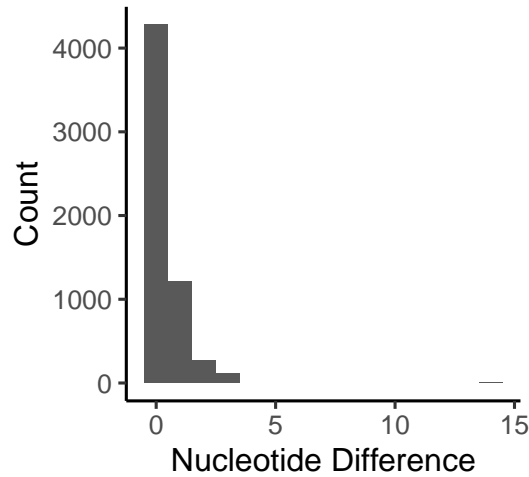
TRBV7-7*01

135 sequences assigned
103 (76.3%) exact matches, in which:
96 unique CDR3
11 unique J



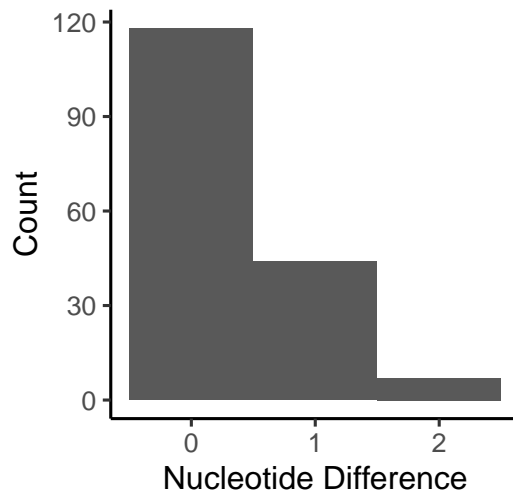
TRBV7-9*03

5883 sequences assigned
4279 (72.7%) exact matches, in which:
4034 unique CDR3
13 unique J



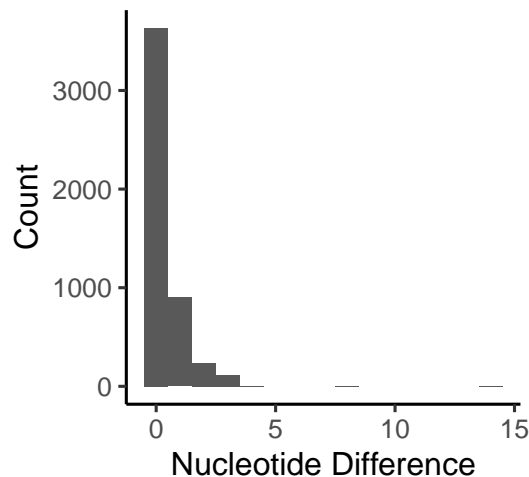
TRBV7-7*01_C315T

169 sequences assigned
118 (69.8%) exact matches, in which:
111 unique CDR3
11 unique J

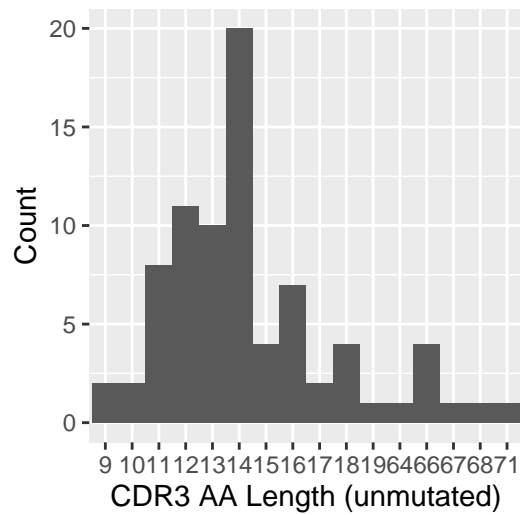


TRBV29-1*01

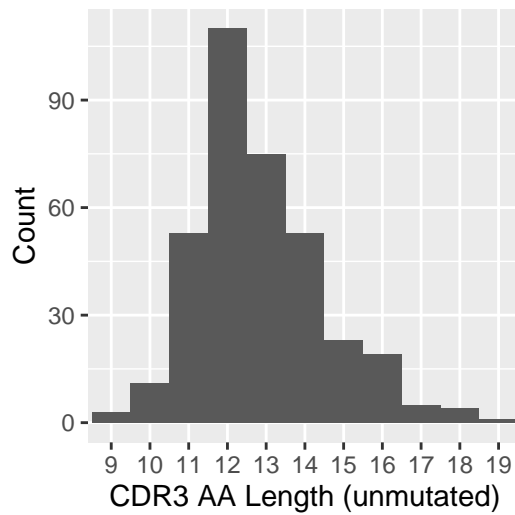
4892 sequences assigned
3633 (74.3%) exact matches, in which:
3401 unique CDR3
13 unique J



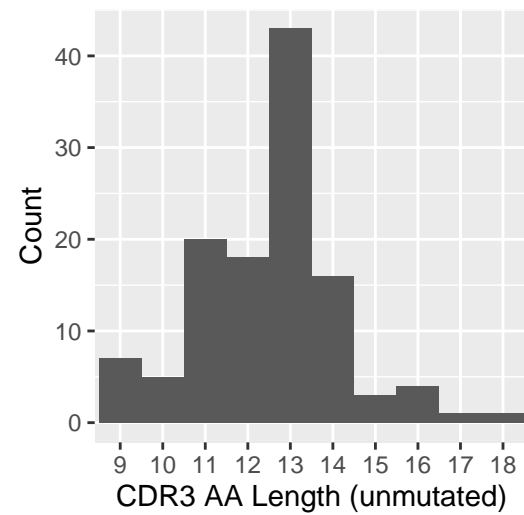
TRBV12-2*01_T187C



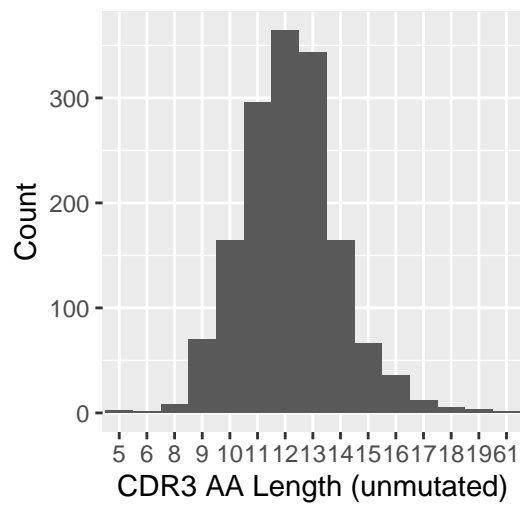
TRBV5-5*02_322TTGG325



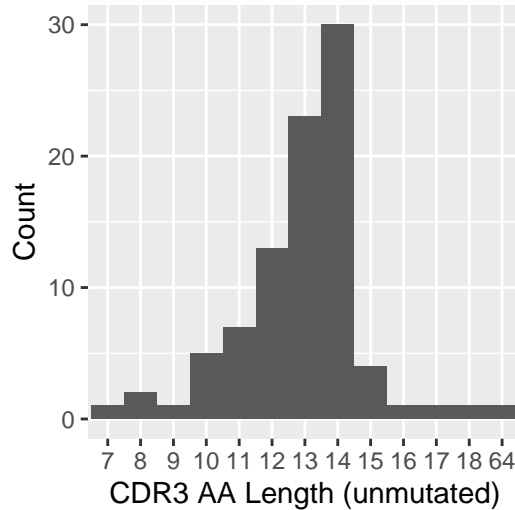
TRBV7-7*01_C315T



TRBV12-4*01_C87T



TRBV5-8*01_C56T_C276T



TRBV20-1*02_319AGAGA

