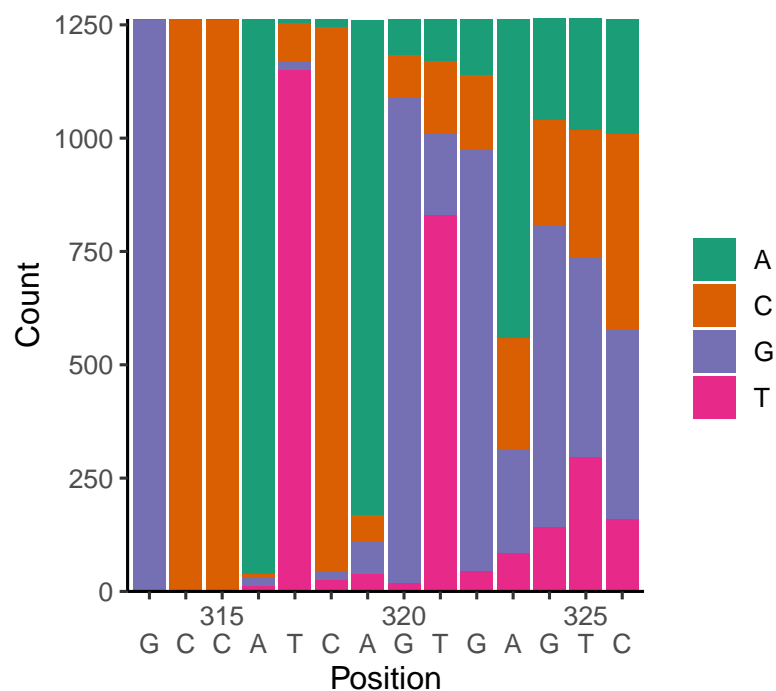
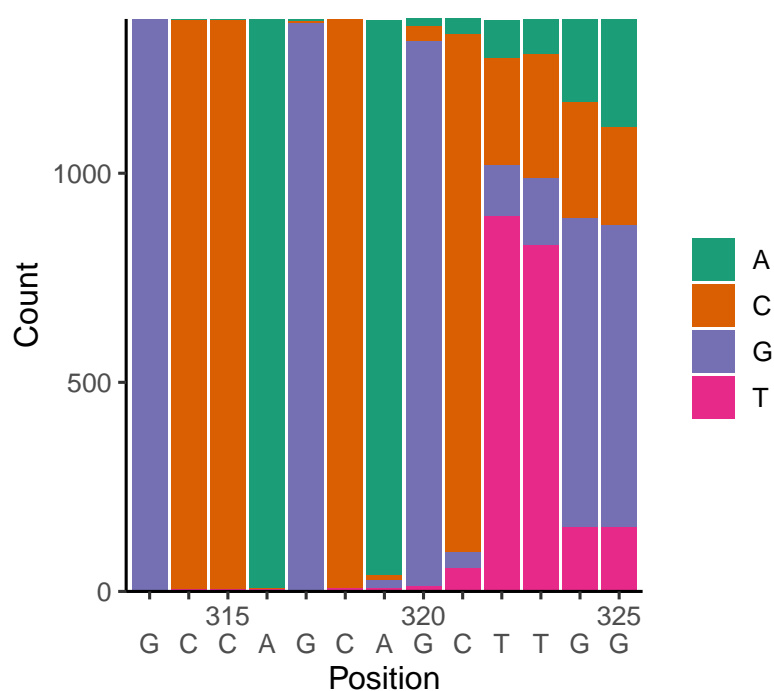


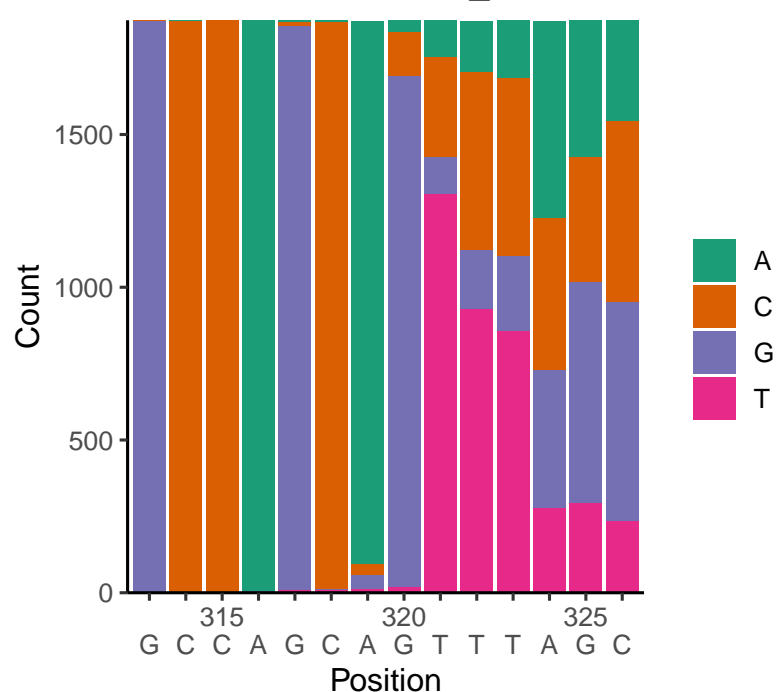
Gene TRBV10-3*03_313GCCATCAGTG



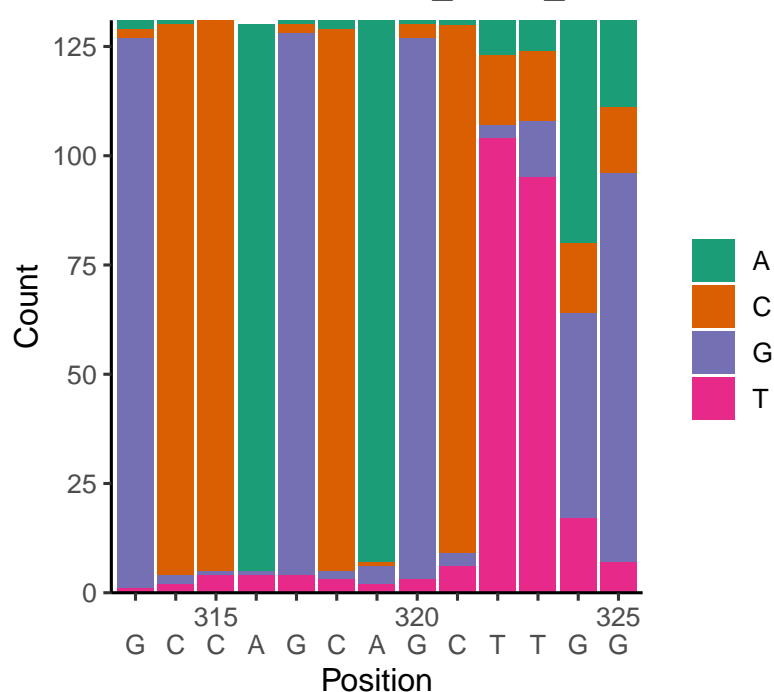
Gene TRBV5-5*02_322TTGG325



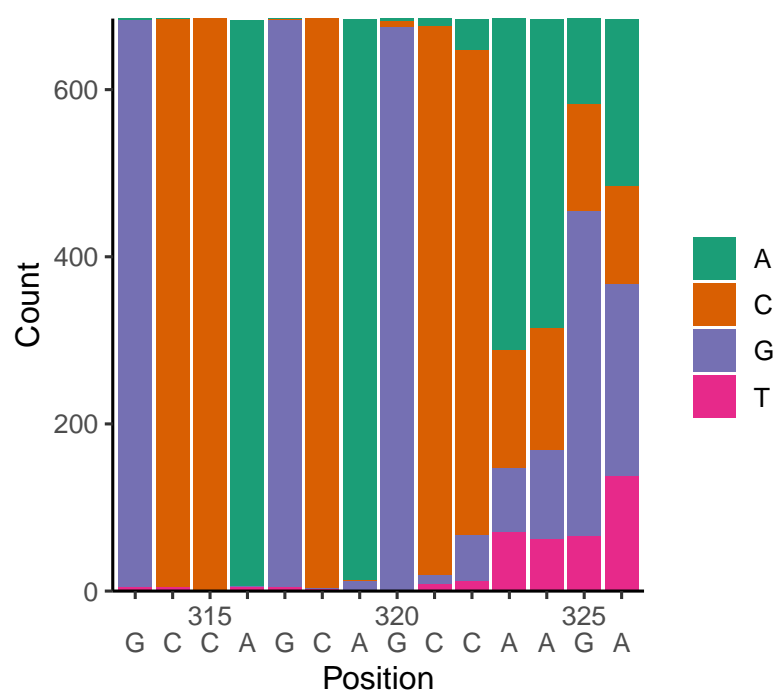
Gene TRBV12-4*01_C87T



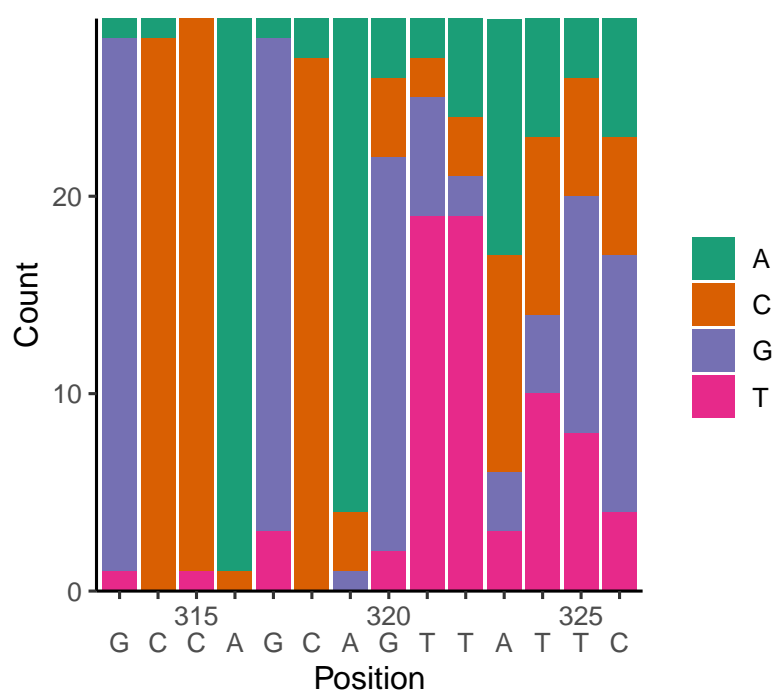
Gene TRBV5-8*01_C56T_C276T



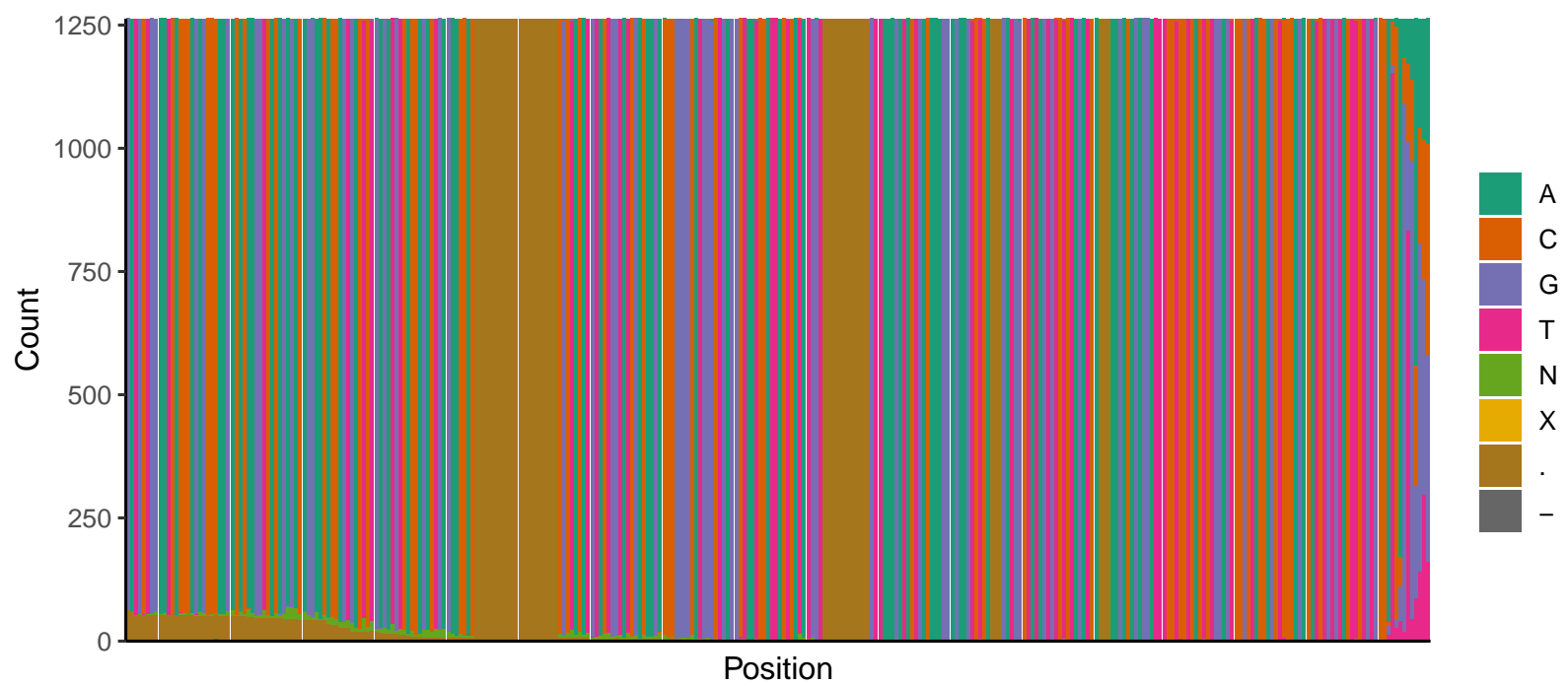
Gene TRBV14*02_322CAAGA326



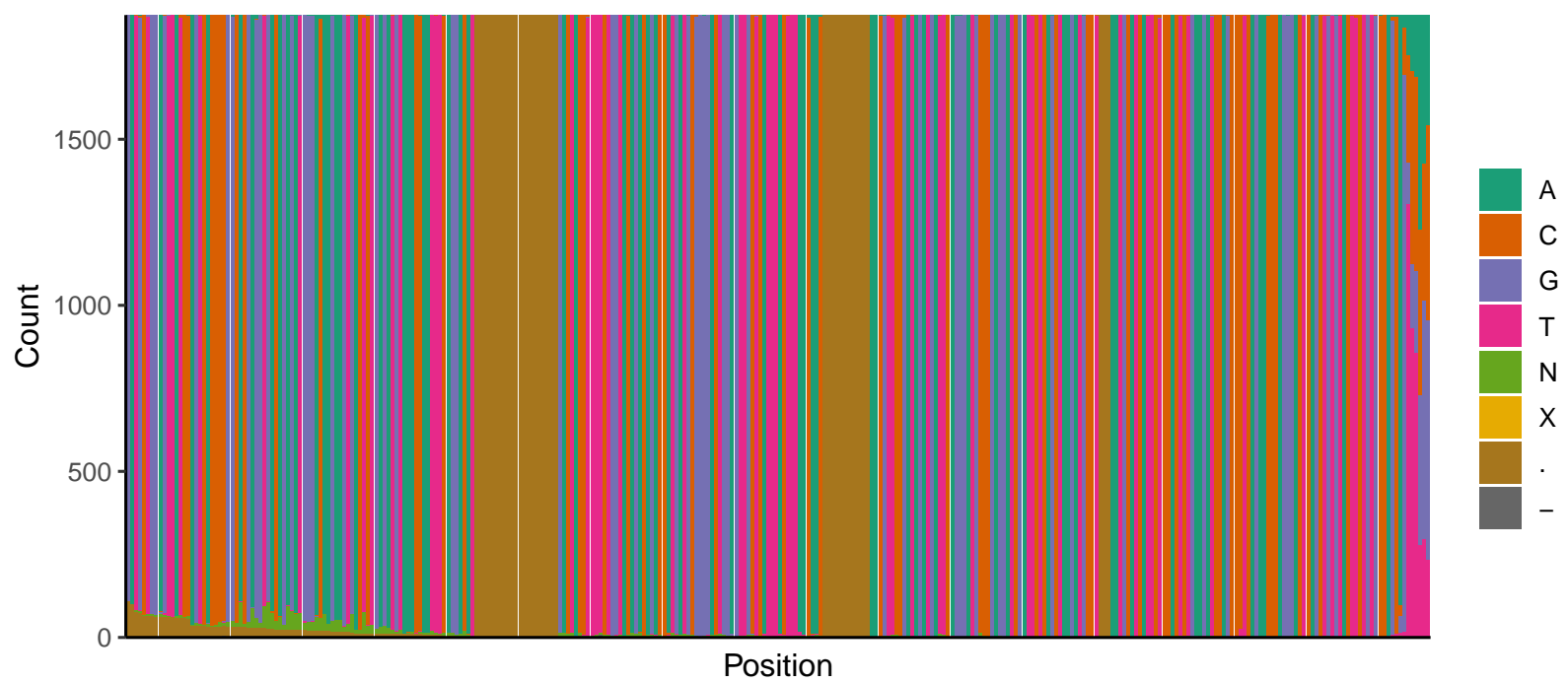
Gene TRBV6-9*01_A303G



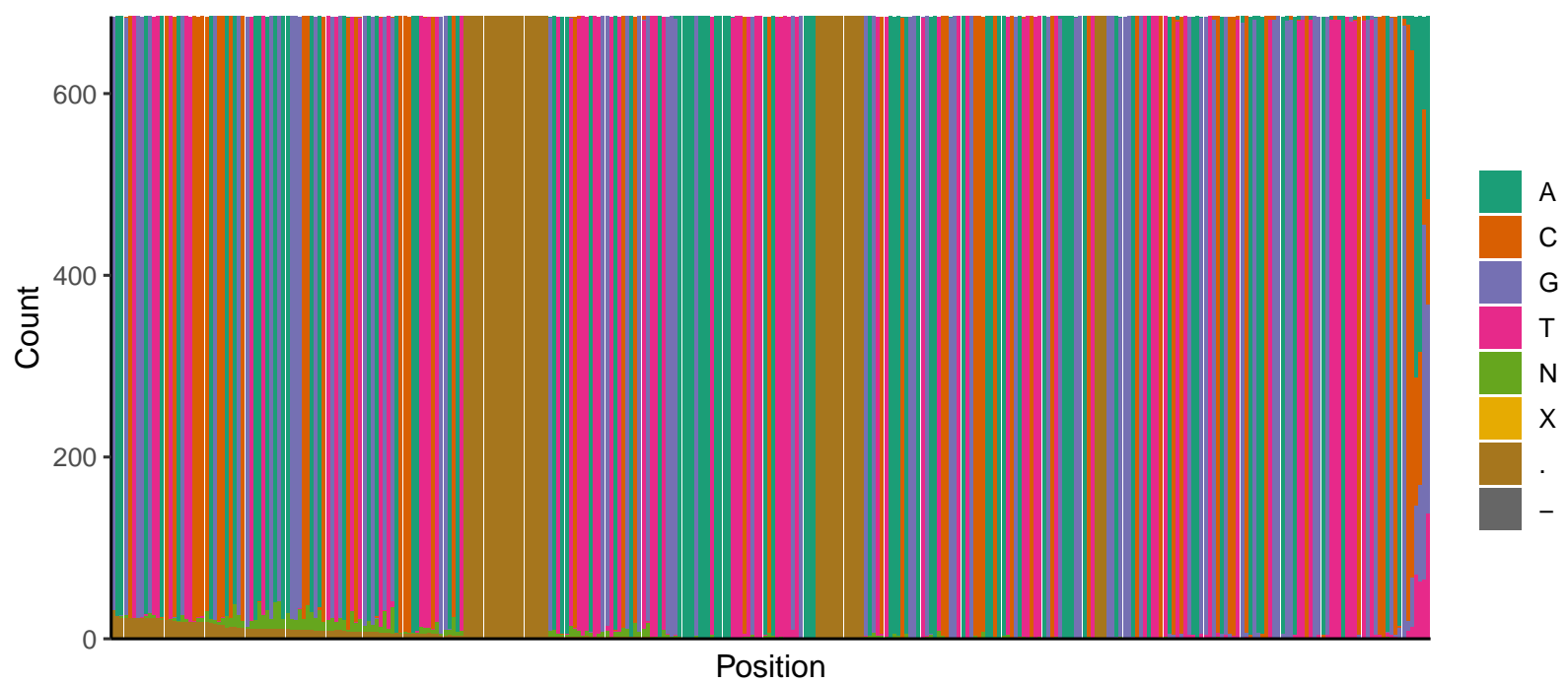
Gene TRBV10-3*03_313GCCATCAGTGAGTC326



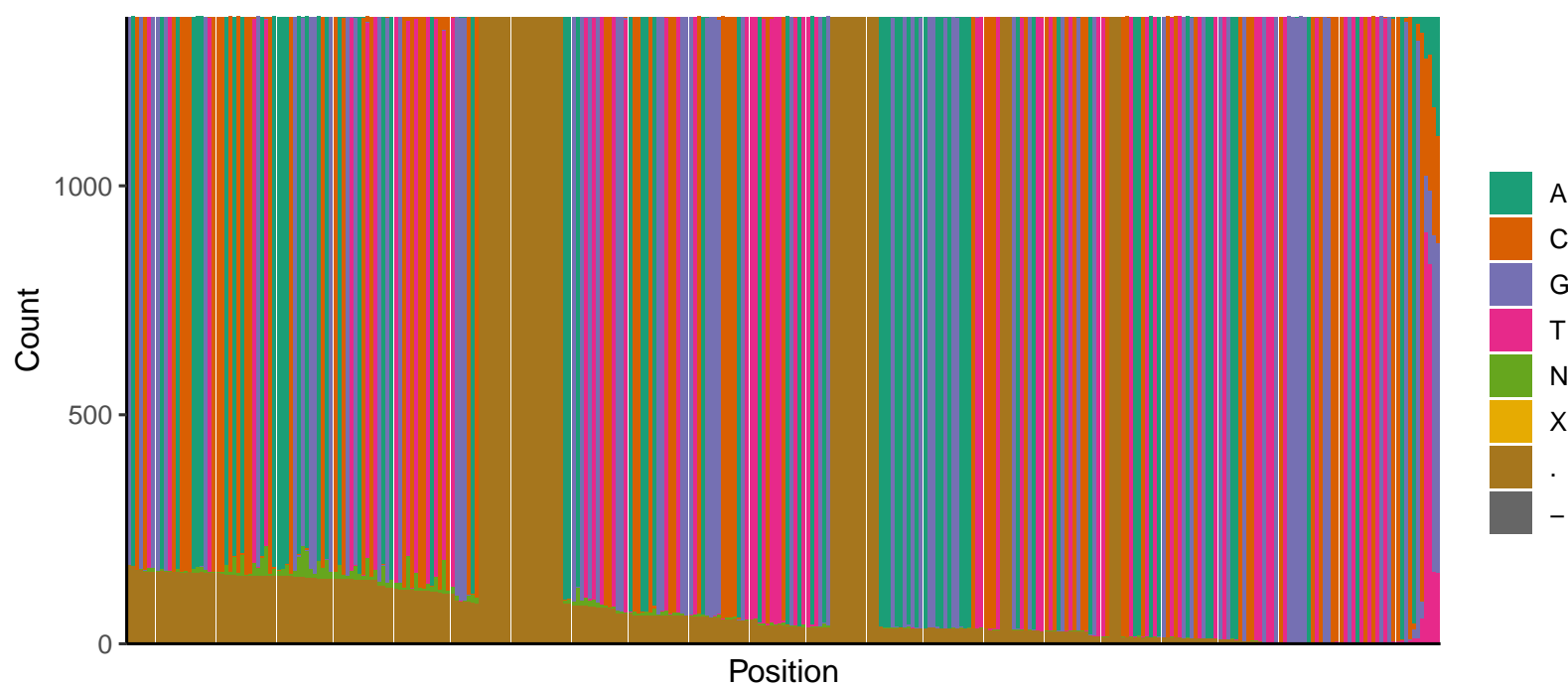
Gene TRBV12-4*01_C87T



Gene TRBV14*02_322CAAGA326



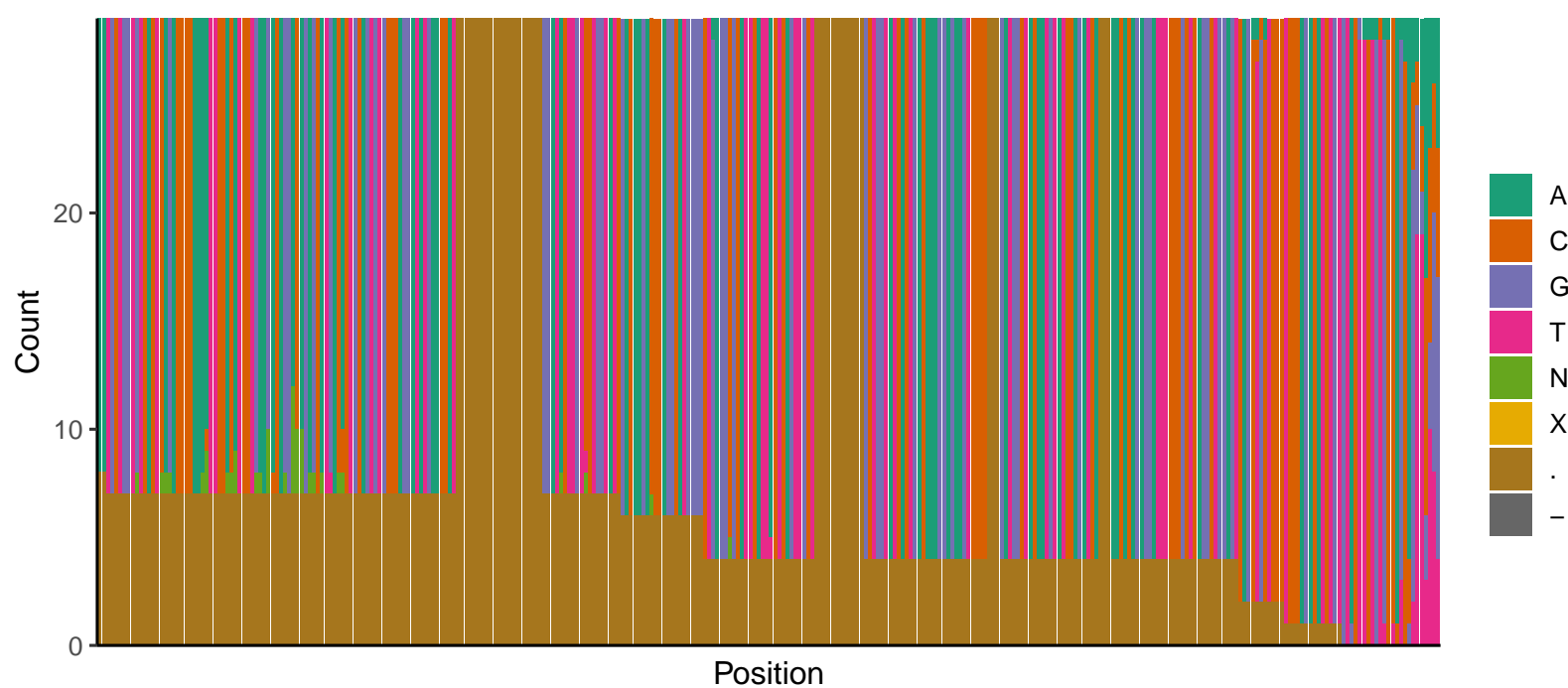
Gene TRBV5–5*02_322TTGG325



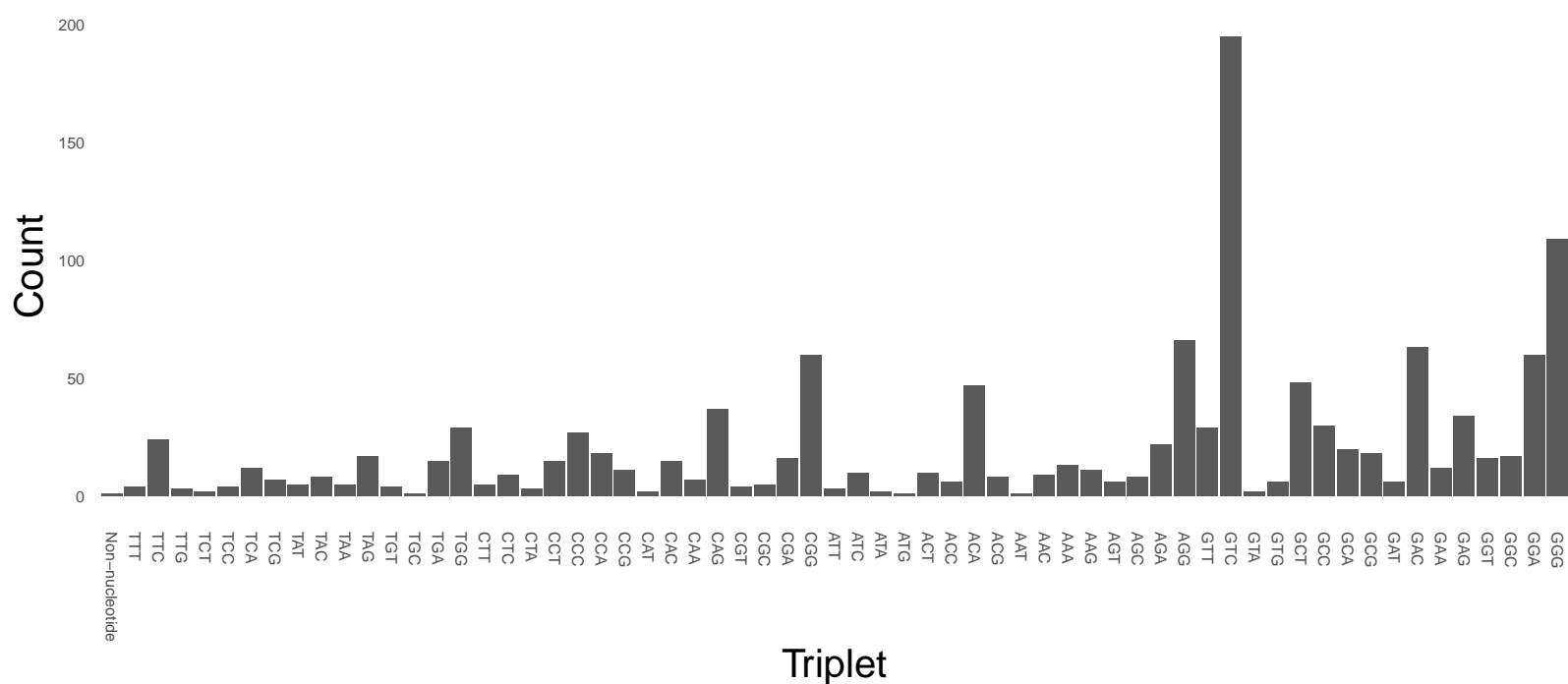
Gene TRBV5–8*01_C56T_C276T



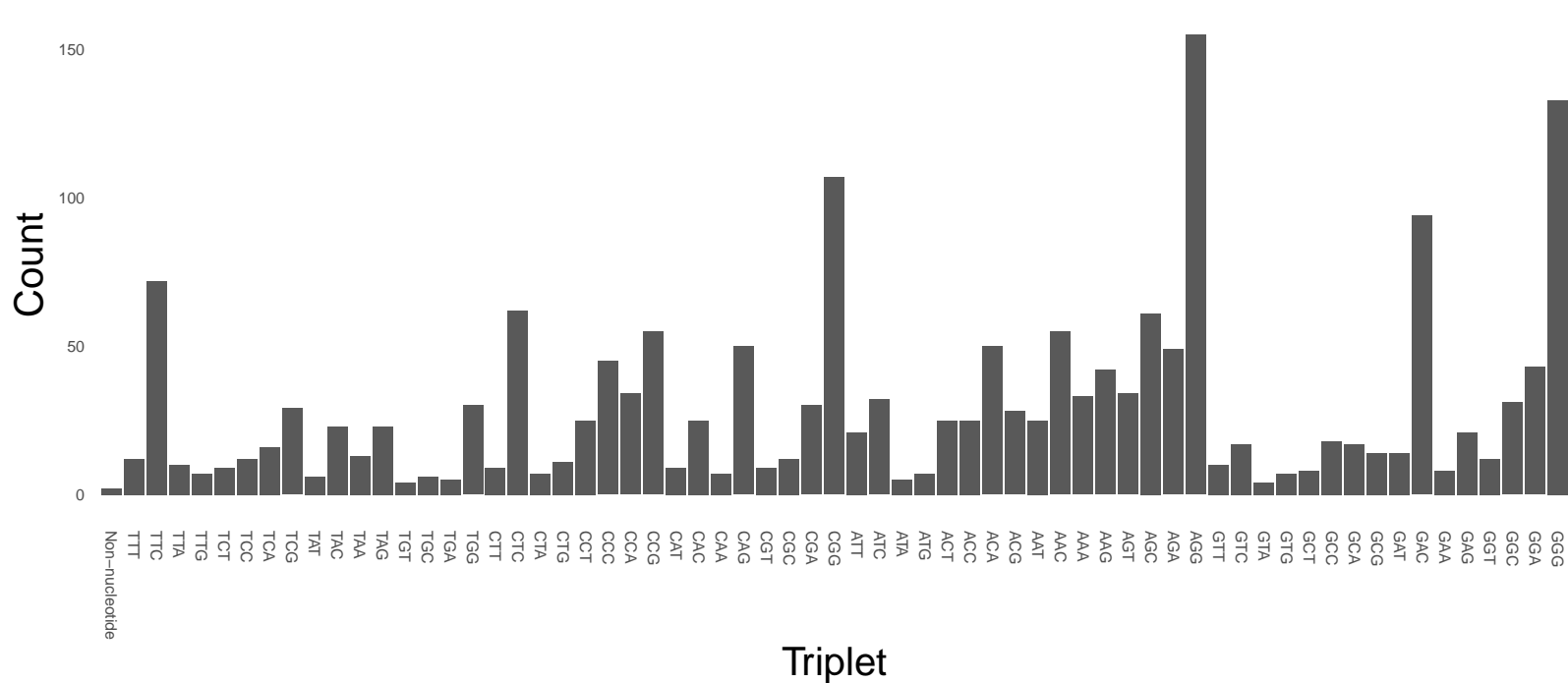
Gene TRBV6–9*01_A303G



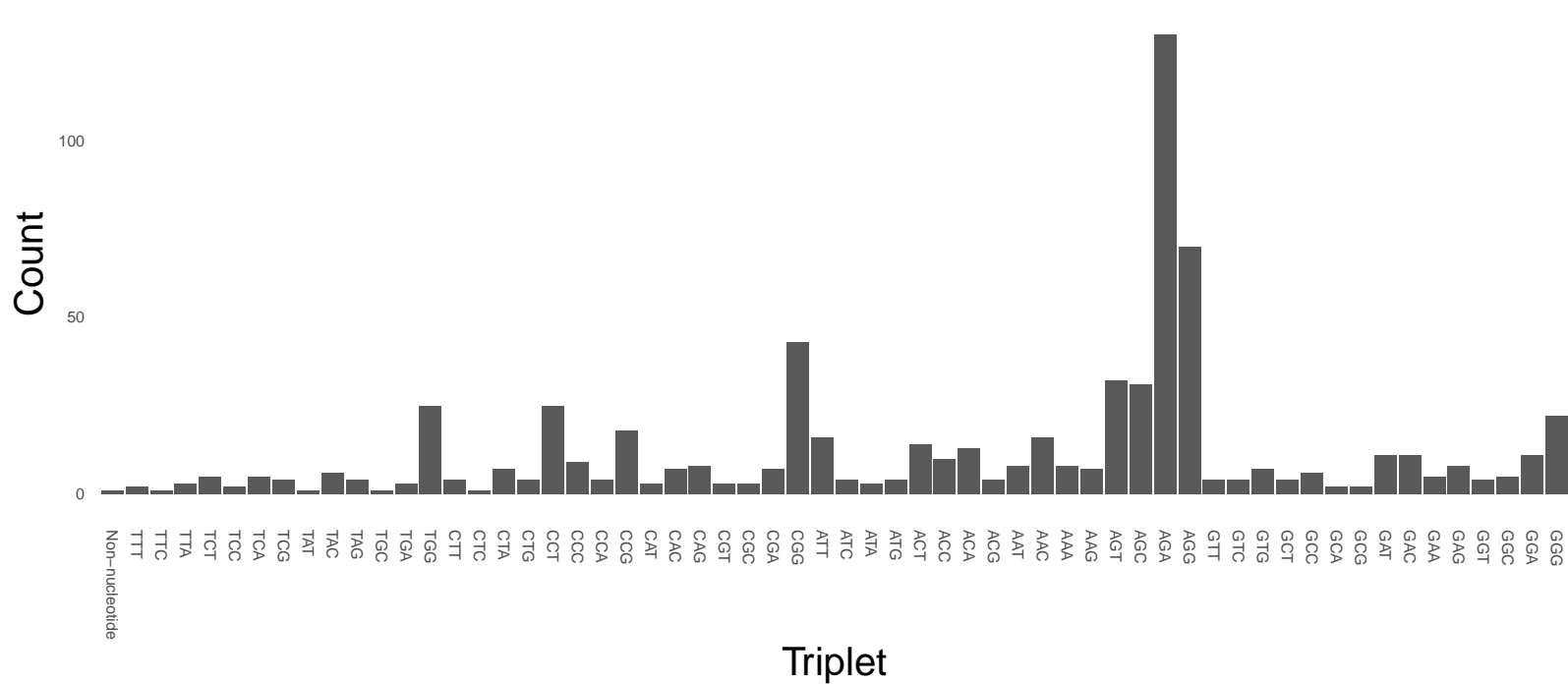
TRBV10–3*03_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



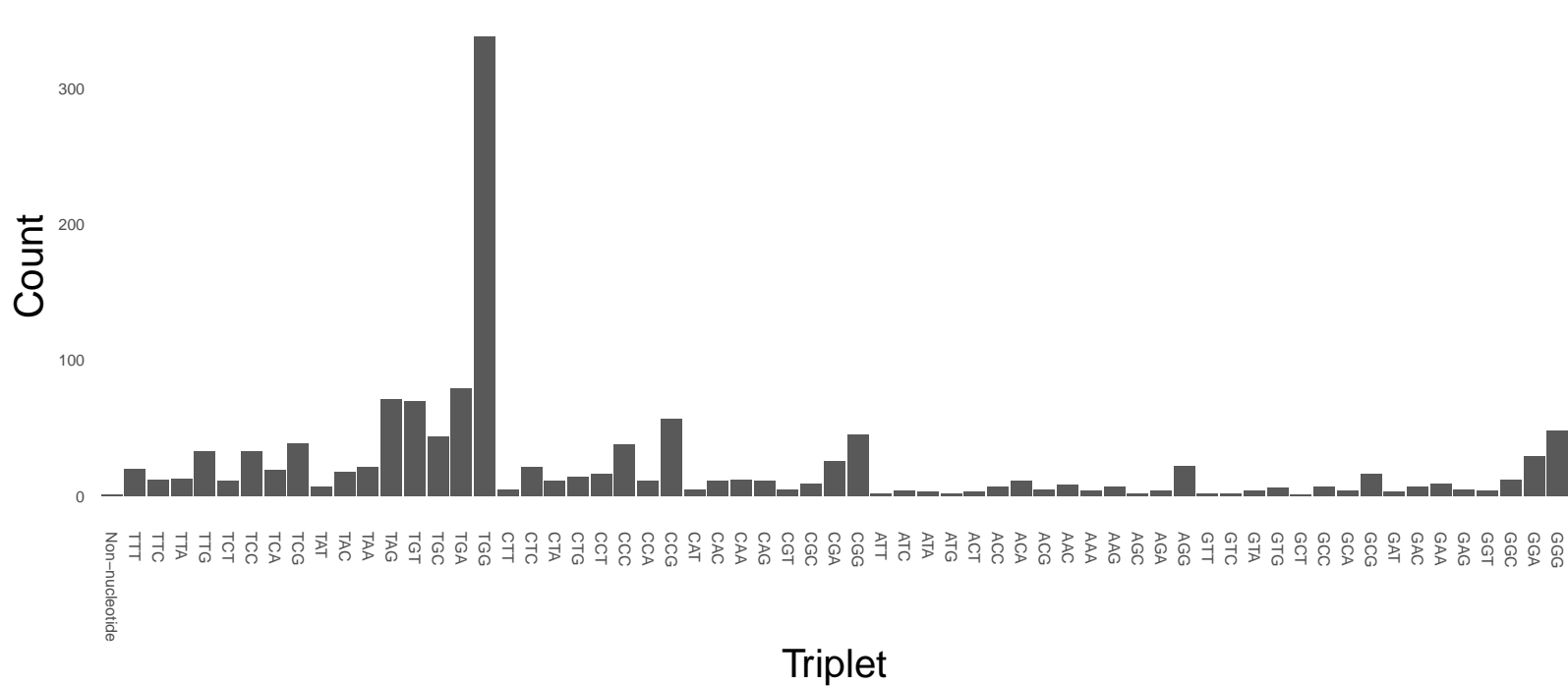
TRBV12–4*01_C87T– Final 3 nucleotides as a triplet



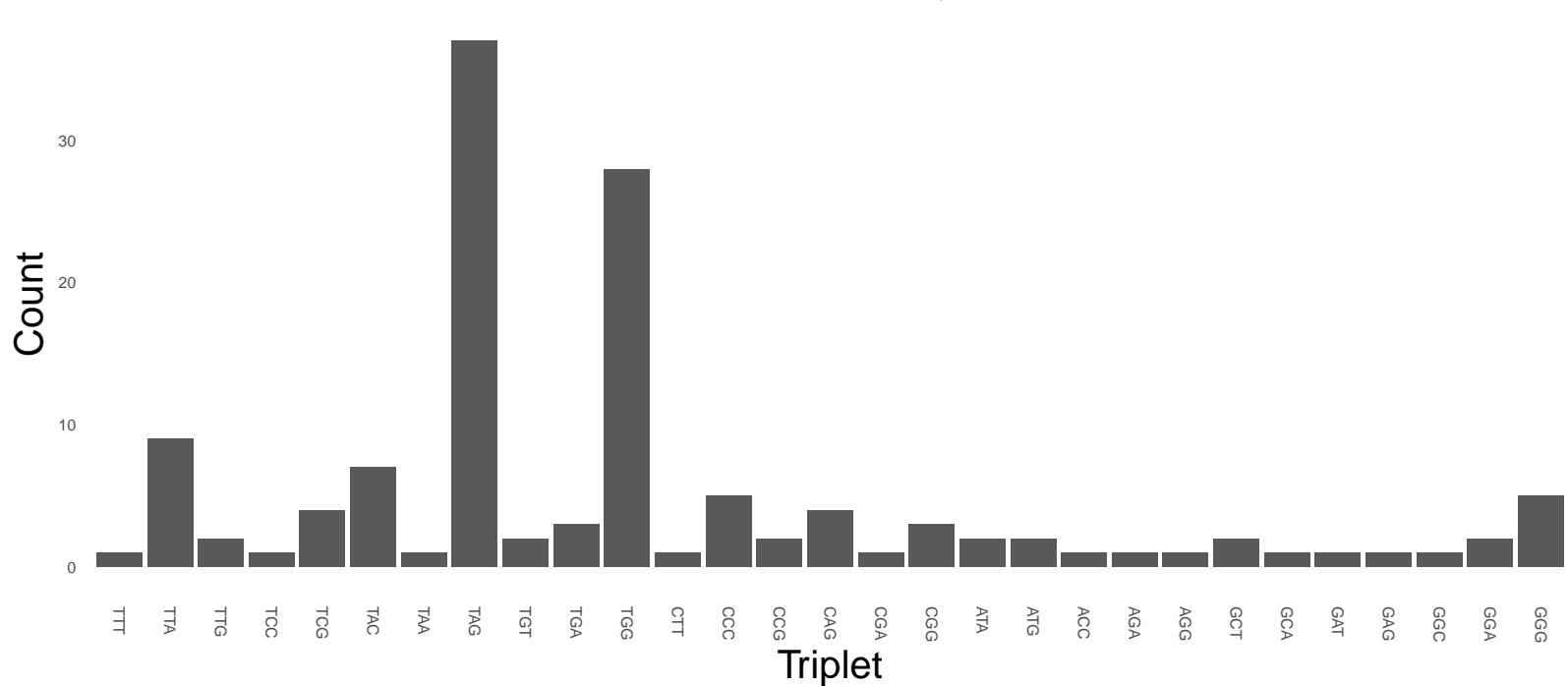
TRBV14*02_322CAAGA326– Final 3 nucleotides as a triplet



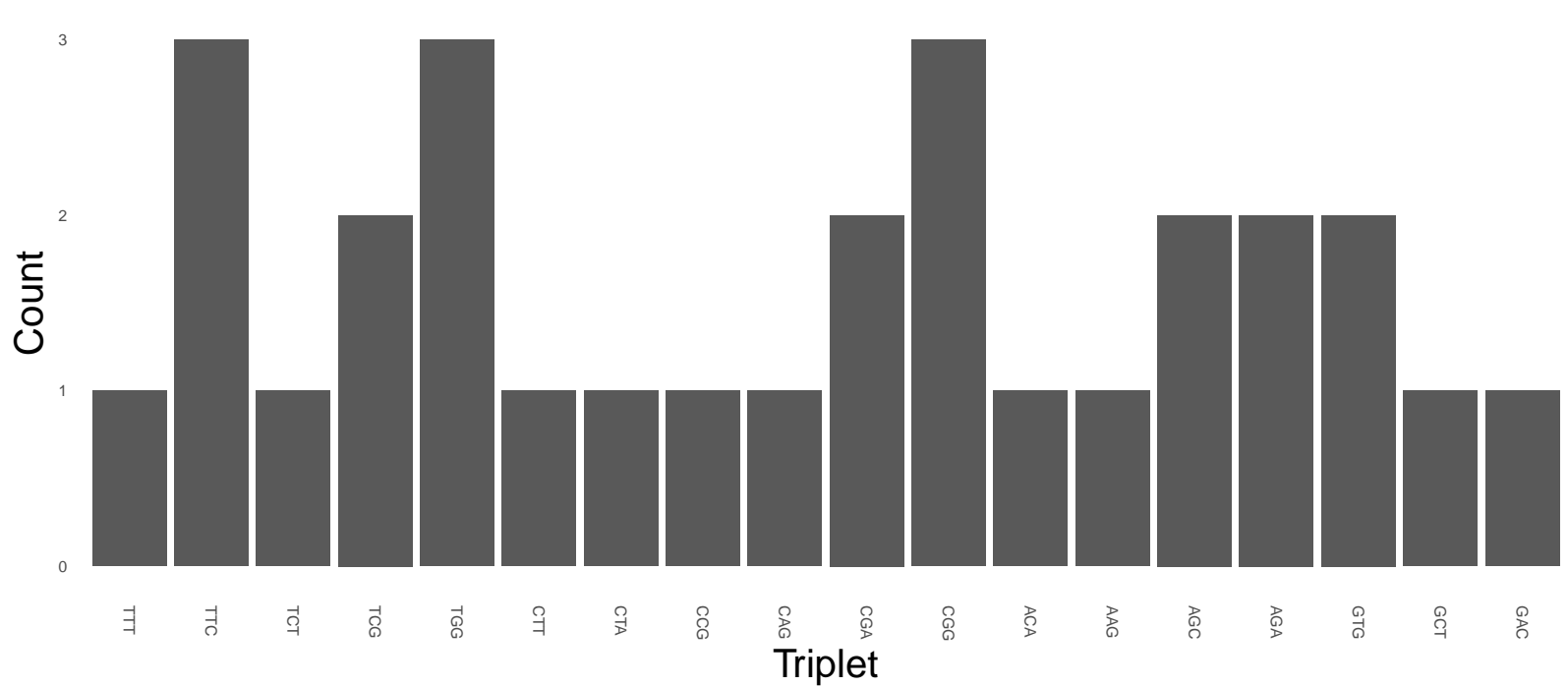
TRBV5–5*02_322TTGG325– Final 3 nucleotides as a triplet



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

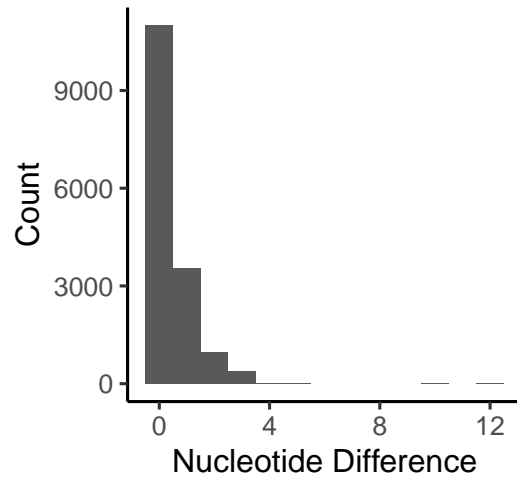


TRBV6–9*01_A303G– Final 3 nucleotides as a triplet



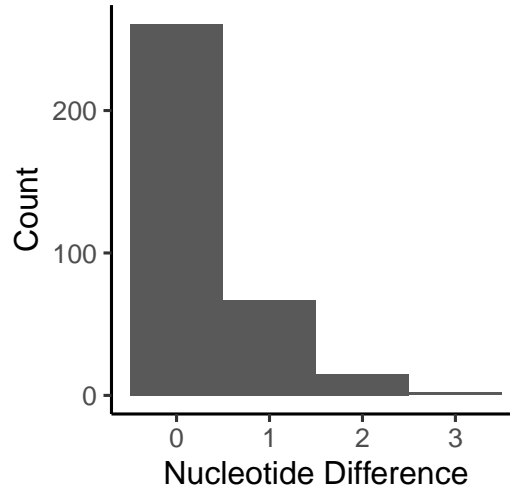
TRBV20-1*01

15890 sequences assigned
10998 (69.2%) exact matches, in which:
10011 unique CDR3
13 unique J



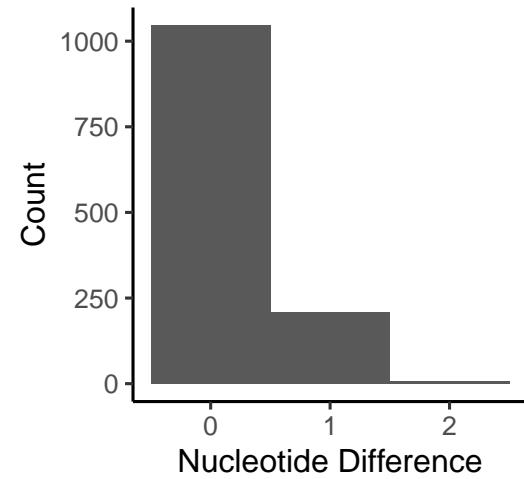
TRBV10-2*01

346 sequences assigned
261 (75.4%) exact matches, in which:
234 unique CDR3
13 unique J



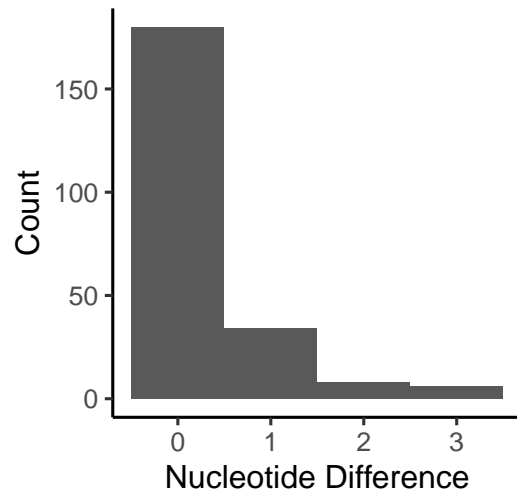
TRBV10-3*03_313GCC

1263 sequences assigned
1046 (82.8%) exact matches, in which:
980 unique CDR3
13 unique J



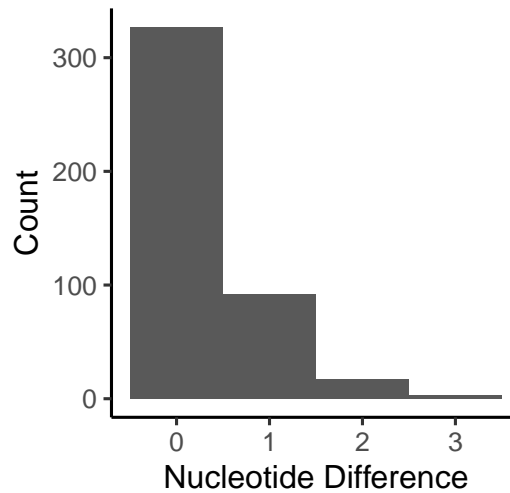
TRBV10-1*01

228 sequences assigned
180 (78.9%) exact matches, in which:
172 unique CDR3
13 unique J



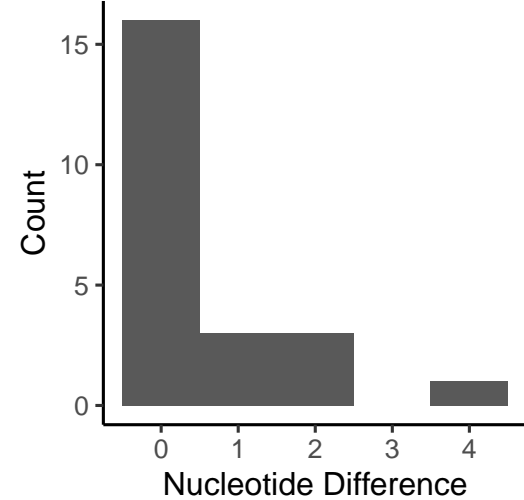
TRBV10-2*02

439 sequences assigned
327 (74.5%) exact matches, in which:
278 unique CDR3
13 unique J



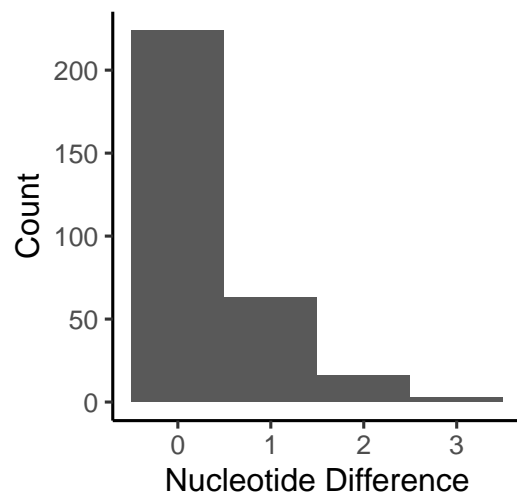
TRBV1*01

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



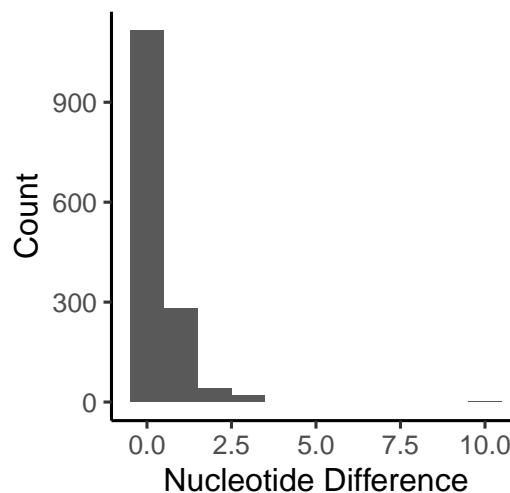
TRBV10-1*02

306 sequences assigned
224 (73.2%) exact matches, in which:
208 unique CDR3
13 unique J



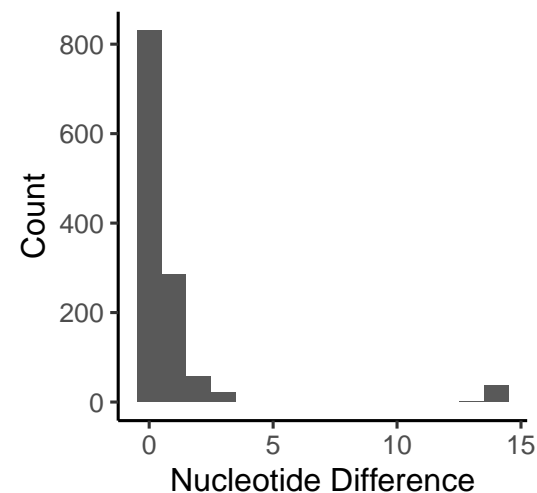
TRBV10-3*02

1457 sequences assigned
1116 (76.6%) exact matches, in which:
1009 unique CDR3
13 unique J



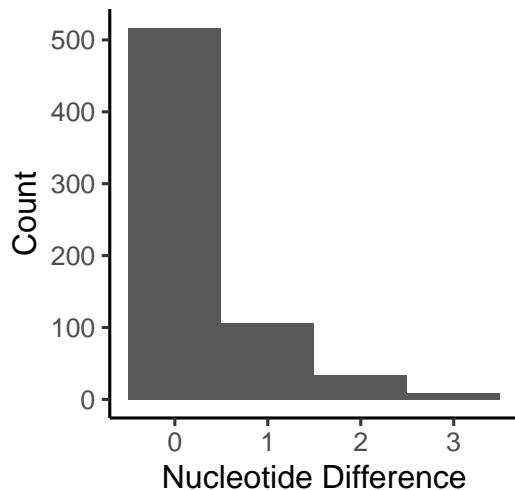
TRBV13*01

1234 sequences assigned
831 (67.3%) exact matches, in which:
729 unique CDR3
13 unique J



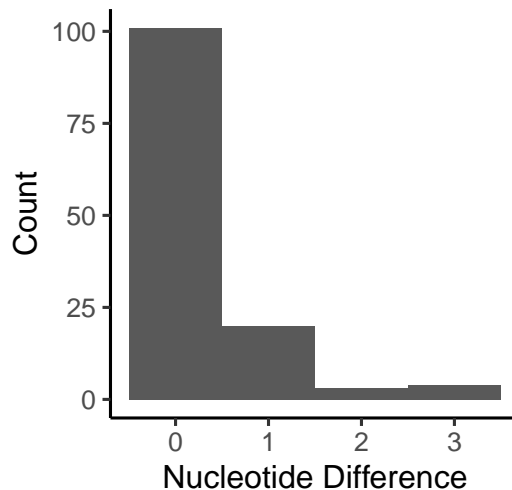
TRBV14*01

666 sequences assigned
517 (77.6%) exact matches, in which:
476 unique CDR3
13 unique J



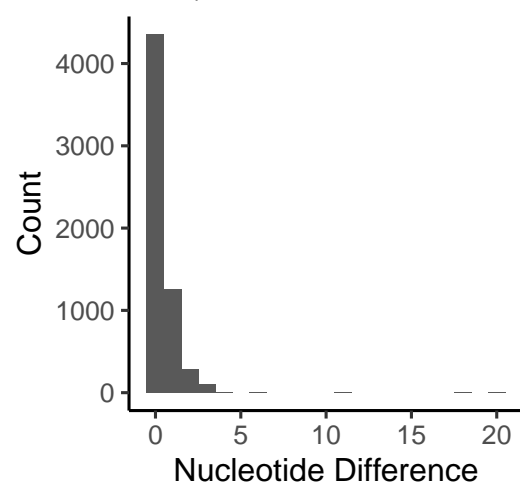
TRBV16*01

128 sequences assigned
101 (78.9%) exact matches, in which:
90 unique CDR3
13 unique J



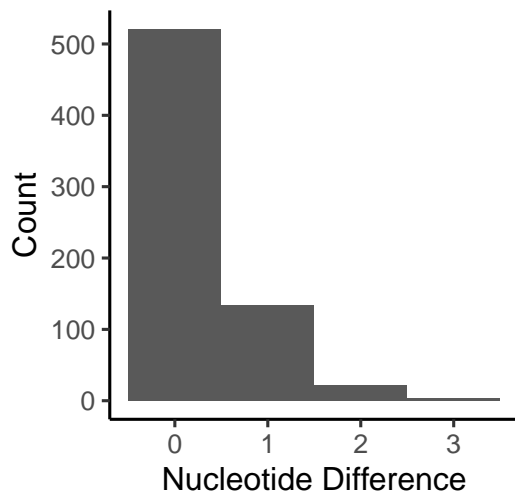
TRBV2*01

6006 sequences assigned
4354 (72.5%) exact matches, in which:
3823 unique CDR3
13 unique J



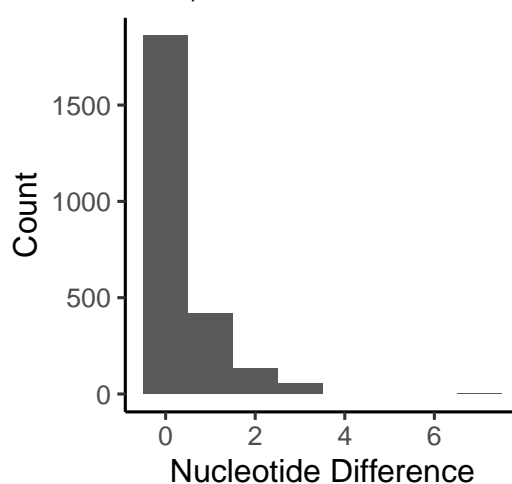
TRBV14*02_322CAAGA3

685 sequences assigned
521 (76.1%) exact matches, in which:
456 unique CDR3
13 unique J



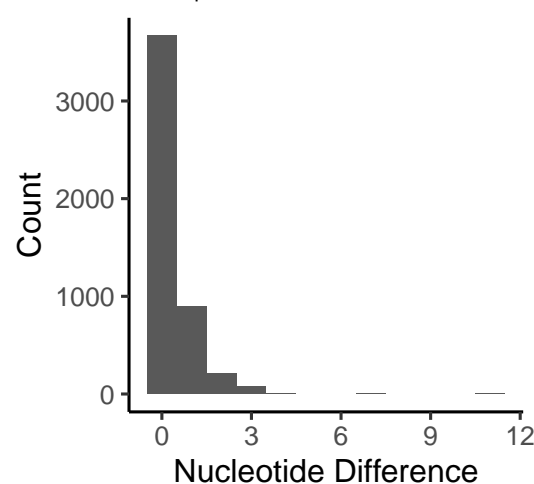
TRBV18*01

2463 sequences assigned
1860 (75.5%) exact matches, in which:
1665 unique CDR3
13 unique J



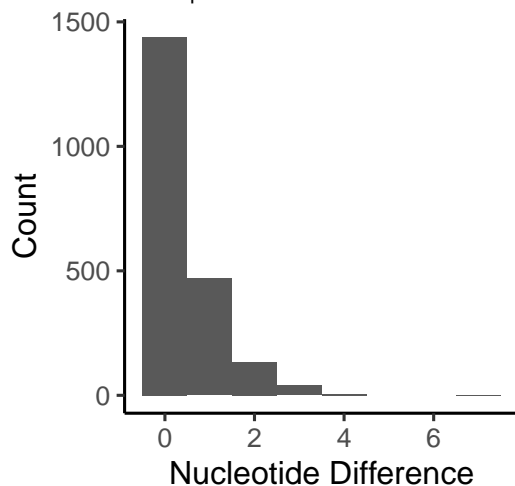
TRBV27*01

4863 sequences assigned
3668 (75.4%) exact matches, in which:
3280 unique CDR3
13 unique J



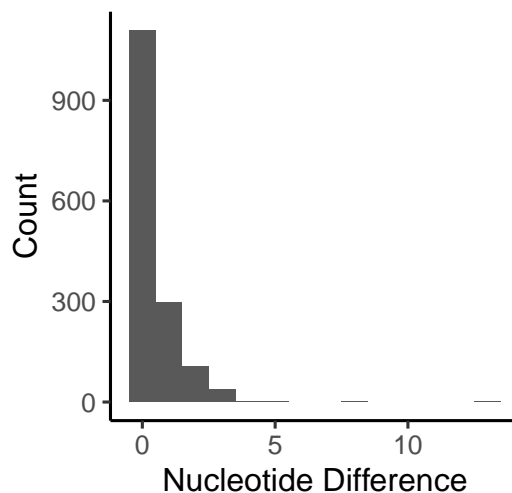
TRBV15*02

2087 sequences assigned
1439 (69%) exact matches, in which:
1351 unique CDR3
13 unique J



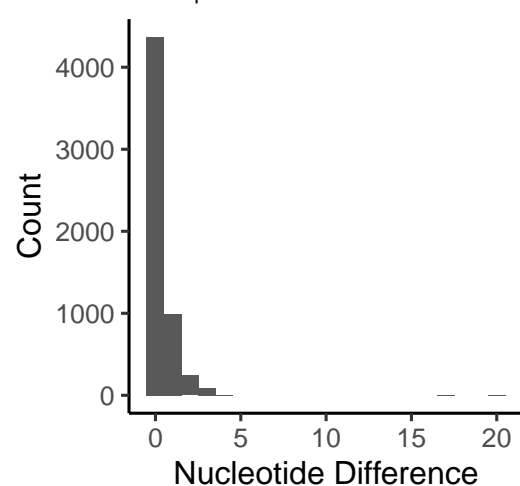
TRBV19*01

1550 sequences assigned
1109 (71.5%) exact matches, in which:
1008 unique CDR3
13 unique J



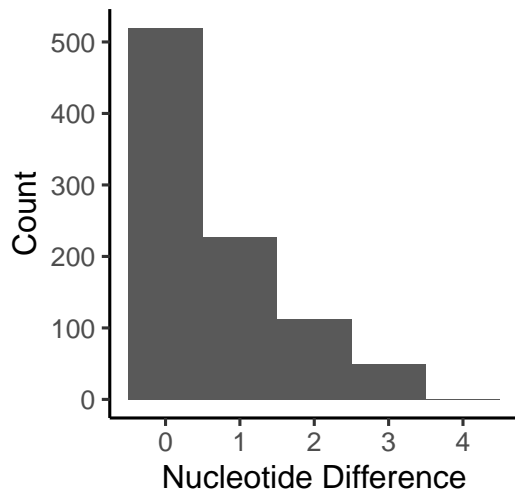
TRBV28*01

5697 sequences assigned
4368 (76.7%) exact matches, in which:
4051 unique CDR3
13 unique J



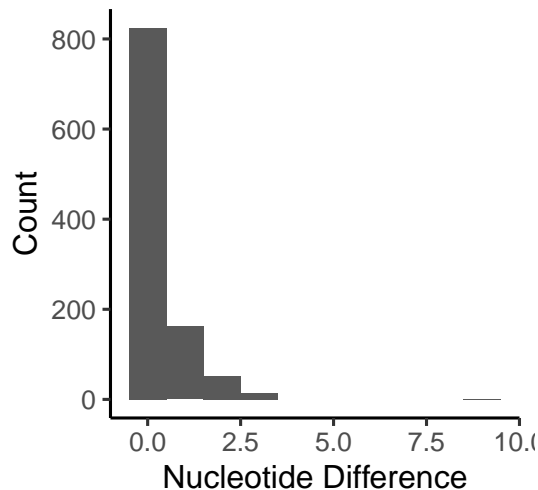
TRBV30*01

910 sequences assigned
520 (57.1%) exact matches, in which:
463 unique CDR3
13 unique J



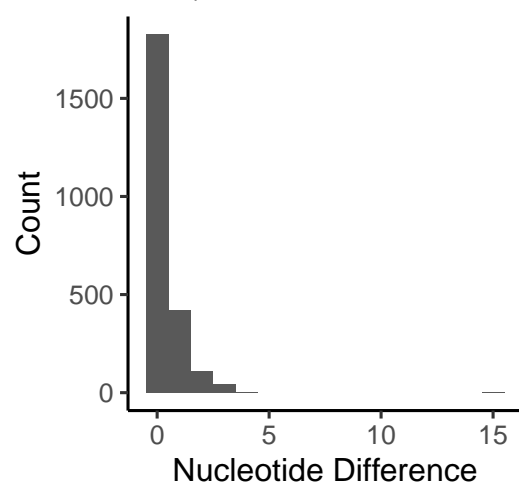
TRBV9*02

1055 sequences assigned
825 (78.2%) exact matches, in which:
795 unique CDR3
13 unique J



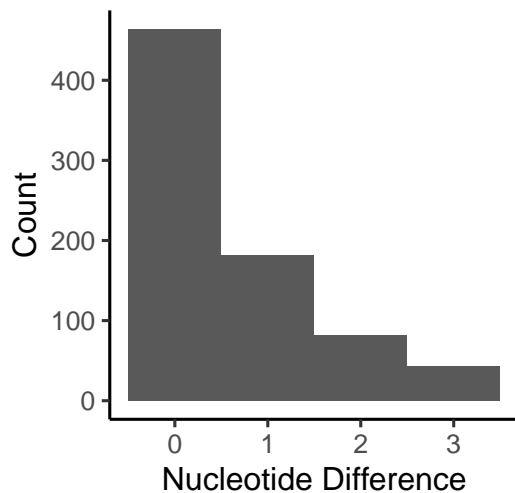
TRBV11-2*01

2402 sequences assigned
1826 (76%) exact matches, in which:
1726 unique CDR3
13 unique J



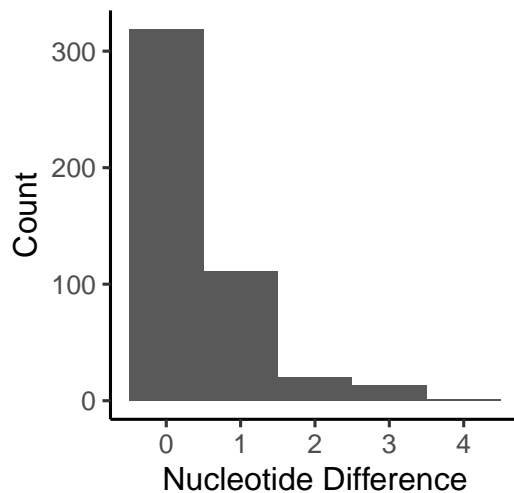
TRBV30*02

771 sequences assigned
464 (60.2%) exact matches, in which:
421 unique CDR3
13 unique J



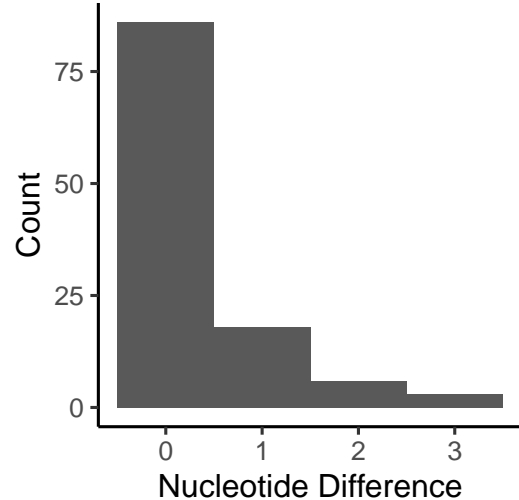
TRBV11-1*01

464 sequences assigned
319 (68.8%) exact matches, in which:
286 unique CDR3
13 unique J



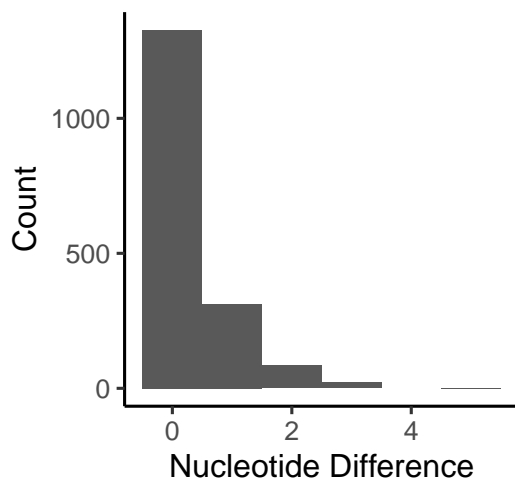
TRBV11-3*01

113 sequences assigned
86 (76.1%) exact matches, in which:
83 unique CDR3
12 unique J



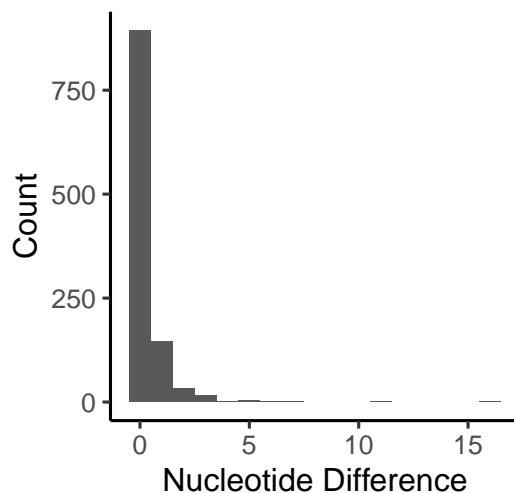
TRBV9*01

1746 sequences assigned
1327 (76%) exact matches, in which:
1262 unique CDR3
13 unique J



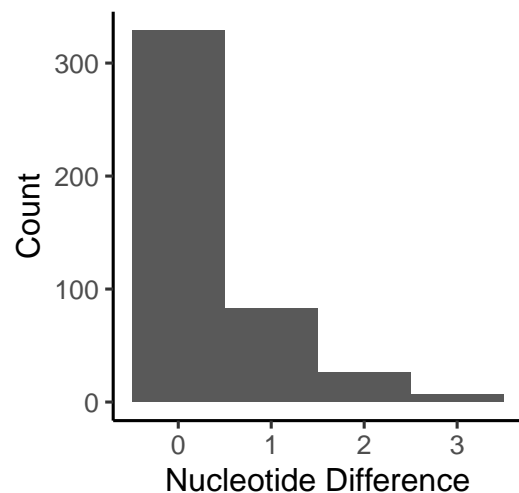
TRBV21-1*01

1099 sequences assigned
894 (81.3%) exact matches, in which:
844 unique CDR3
13 unique J



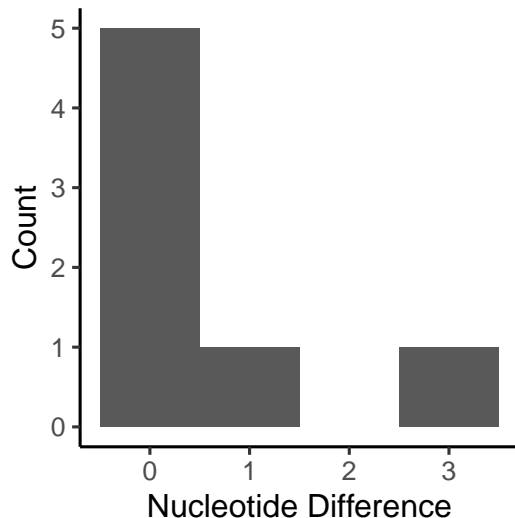
TRBV11-3*04

445 sequences assigned
329 (73.9%) exact matches, in which:
316 unique CDR3
13 unique J



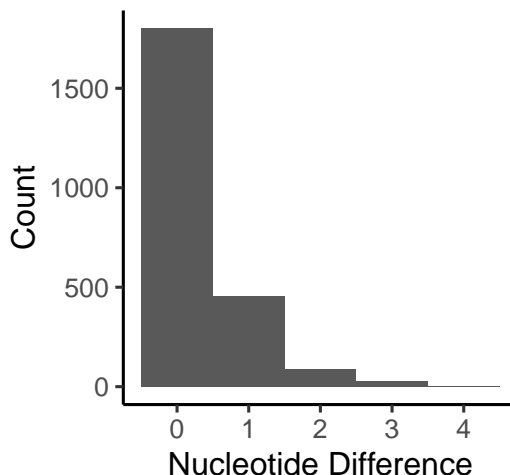
TRBV12-1*01

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



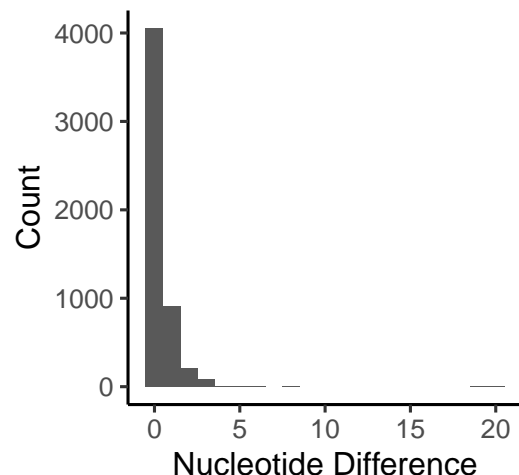
TRBV12-4*01

2378 sequences assigned
1801 (75.7%) exact matches, in which:
1682 unique CDR3
13 unique J



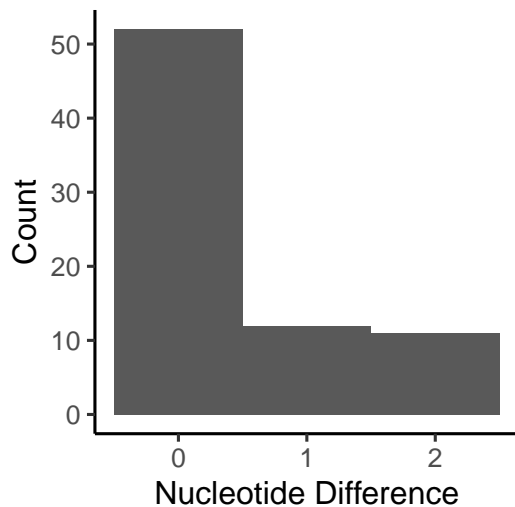
TRBV3-1*01

5260 sequences assigned
4052 (77%) exact matches, in which:
3641 unique CDR3
13 unique J



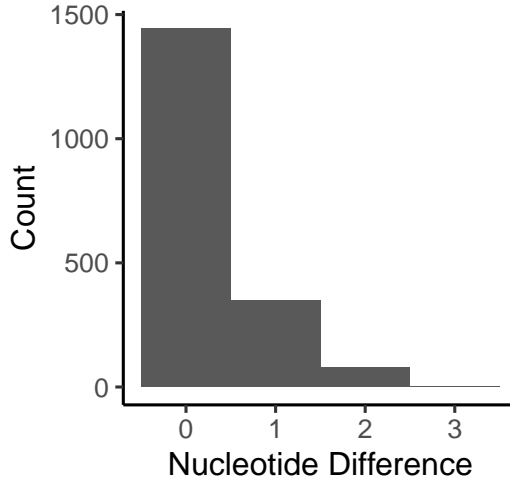
TRBV12-2*01

75 sequences assigned
52 (69.3%) exact matches, in which:
49 unique CDR3
11 unique J



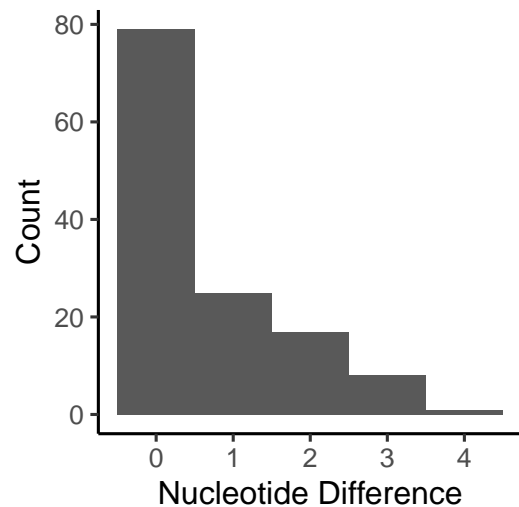
TRBV12-4*01_C87T

1874 sequences assigned
1443 (77%) exact matches, in which:
1334 unique CDR3
13 unique J



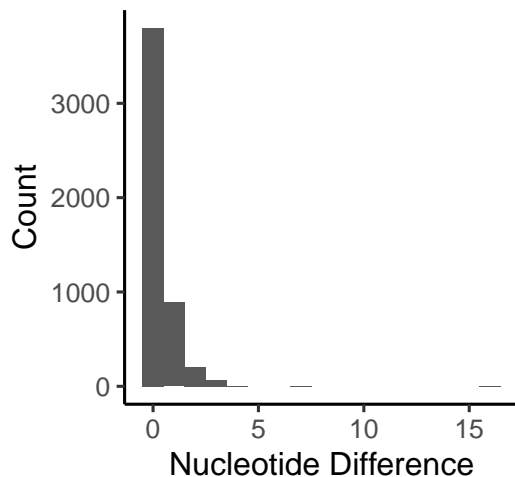
TRBV23-1*01

130 sequences assigned
79 (60.8%) exact matches, in which:
73 unique CDR3
12 unique J



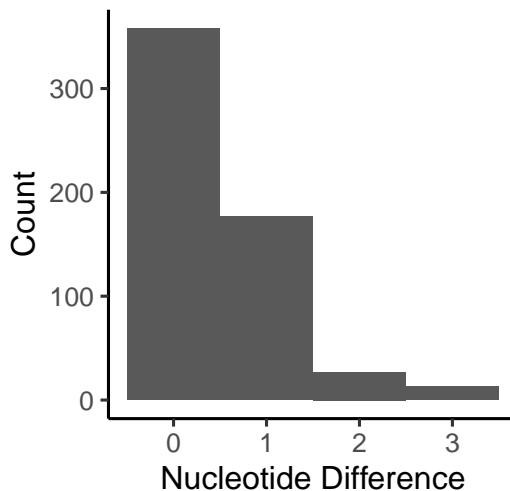
TRBV12-3*01

4967 sequences assigned
3798 (76.5%) exact matches, in which:
3542 unique CDR3
13 unique J



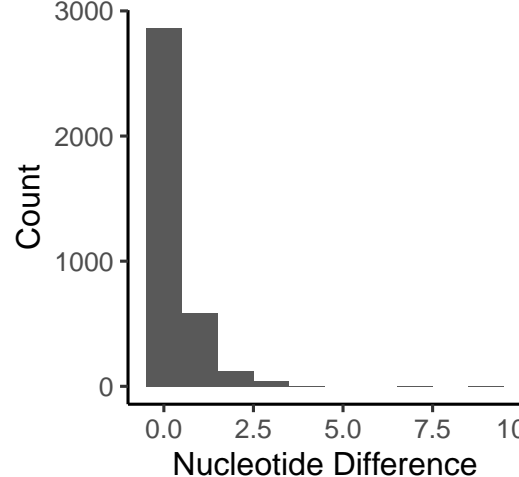
TRBV12-5*01

575 sequences assigned
358 (62.3%) exact matches, in which:
340 unique CDR3
13 unique J



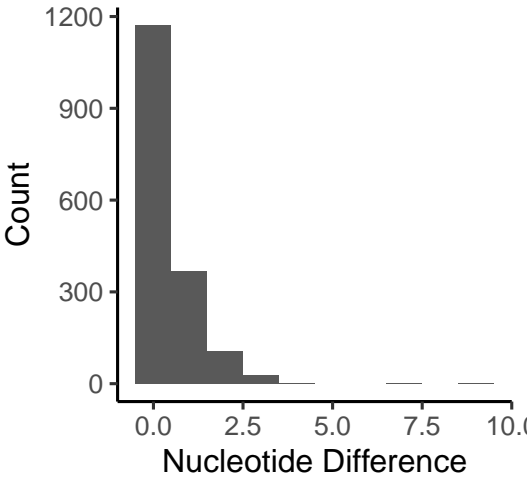
TRBV4-1*01

3623 sequences assigned
2863 (79%) exact matches, in which:
2591 unique CDR3
13 unique J



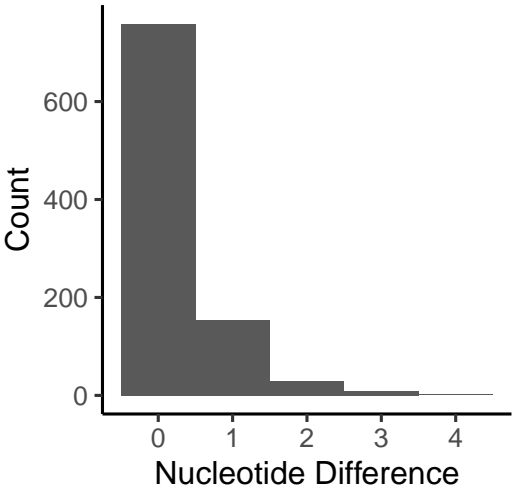
TRBV24-1*01

1676 sequences assigned
1171 (69.9%) exact matches, in which:
1028 unique CDR3
13 unique J



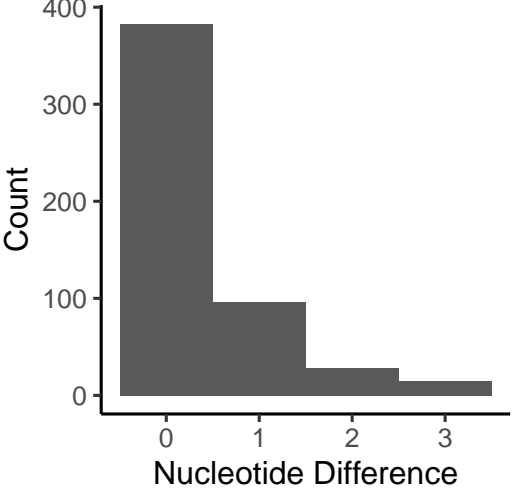
TRBV25-1*01

955 sequences assigned
759 (79.5%) exact matches, in which:
719 unique CDR3
13 unique J



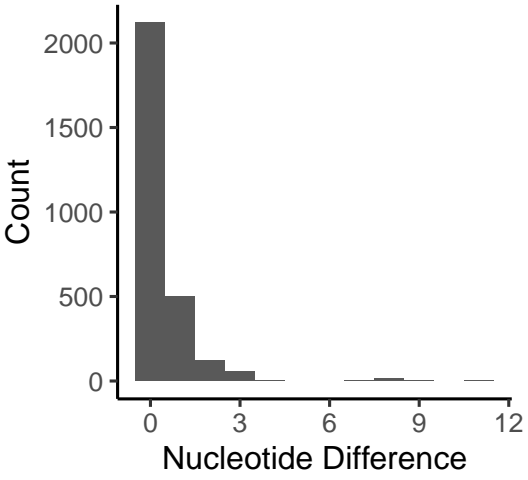
TRBV5-4*01

522 sequences assigned
383 (73.4%) exact matches, in which:
372 unique CDR3
13 unique J



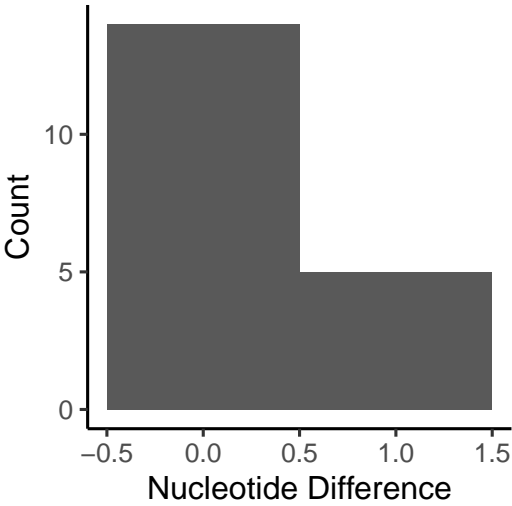
TRBV4-2*01

2825 sequences assigned
2120 (75%) exact matches, in which:
1892 unique CDR3
13 unique J



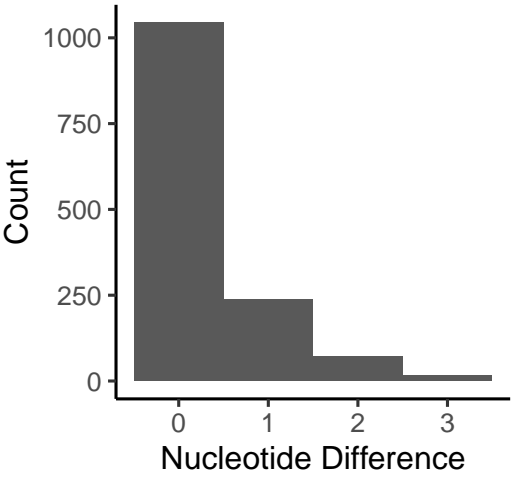
TRBV5-3*01

19 sequences assigned
14 (73.7%) exact matches, in which:
13 unique CDR3
8 unique J



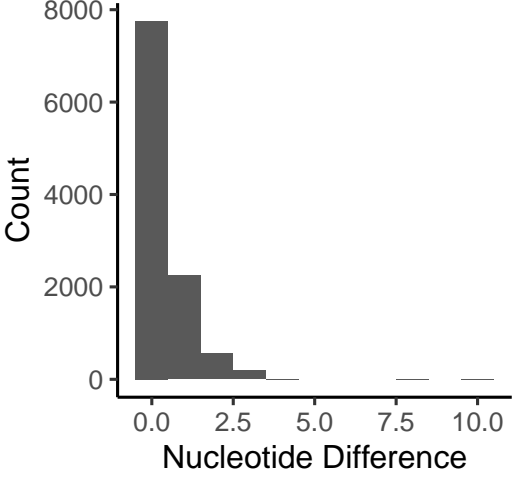
TRBV5-5*02_322TTGG

1369 sequences assigned
1044 (76.3%) exact matches, in which:
950 unique CDR3
13 unique J



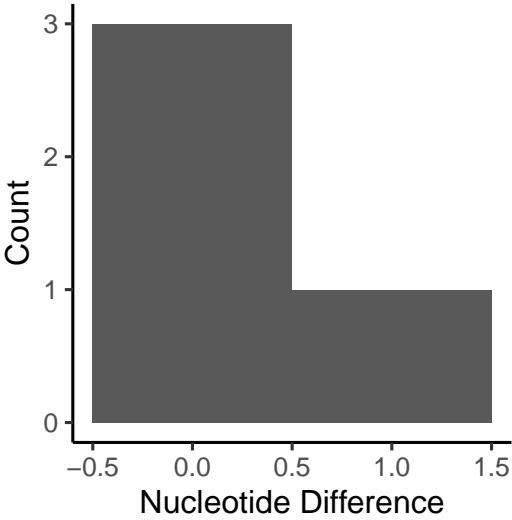
TRBV5-1*01

10757 sequences assigned
7754 (72.1%) exact matches, in which:
7209 unique CDR3
13 unique J



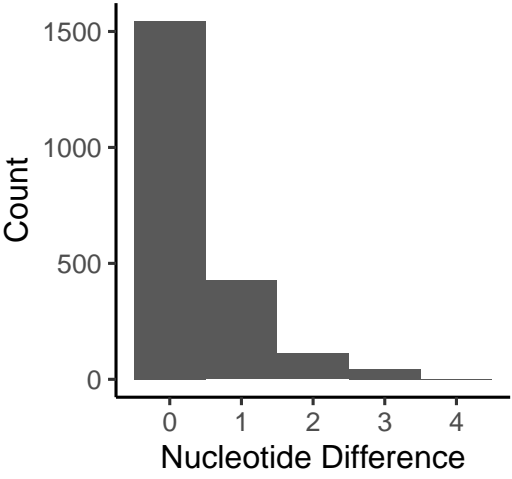
TRBV5-3*02

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



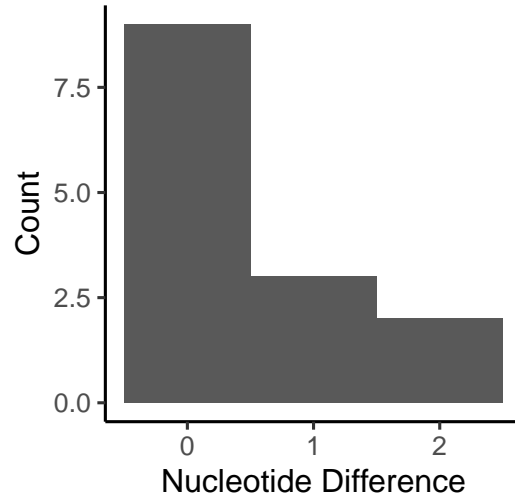
TRBV5-6*01

2130 sequences assigned
1545 (72.5%) exact matches, in which:
1432 unique CDR3
13 unique J



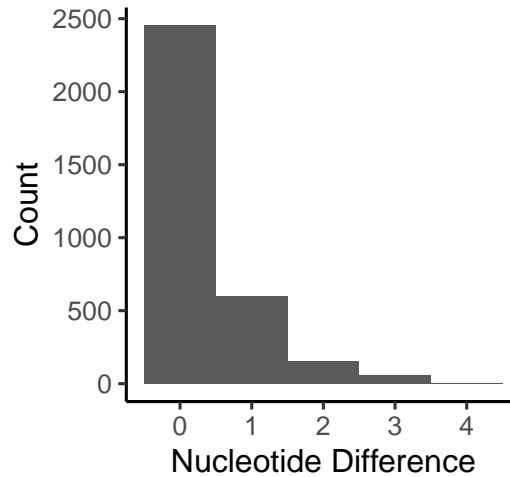
TRBV5-7*01

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



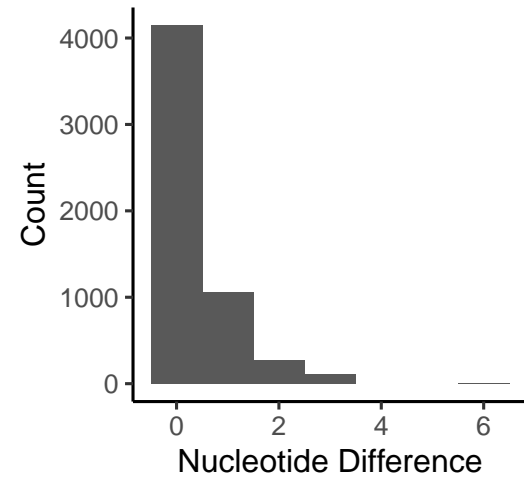
TRBV6-1*01

3279 sequences assigned
2454 (74.8%) exact matches, in which:
2310 unique CDR3
13 unique J



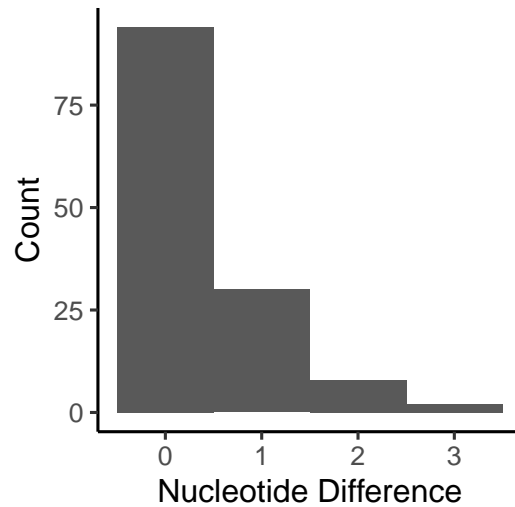
TRBV6-5*01

5600 sequences assigned
4146 (74%) exact matches, in which:
3808 unique CDR3
13 unique J



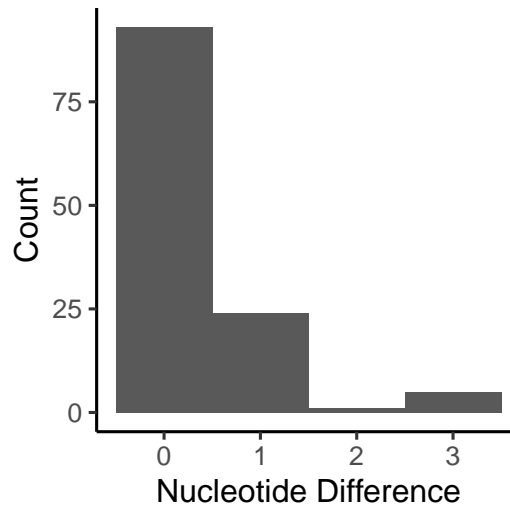
TRBV5-8*01

135 sequences assigned
94 (69.6%) exact matches, in which:
72 unique CDR3
13 unique J



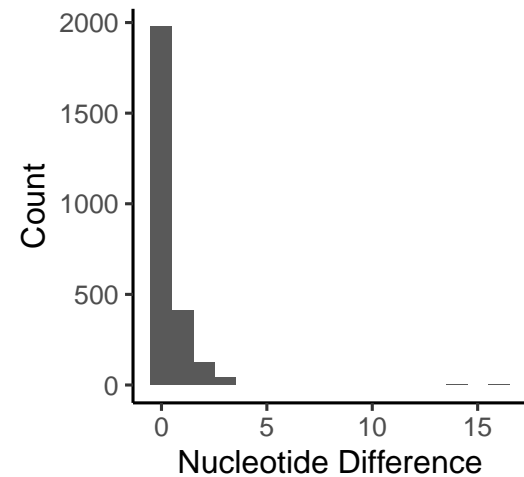
TRBV6-4*01

123 sequences assigned
93 (75.6%) exact matches, in which:
92 unique CDR3
11 unique J



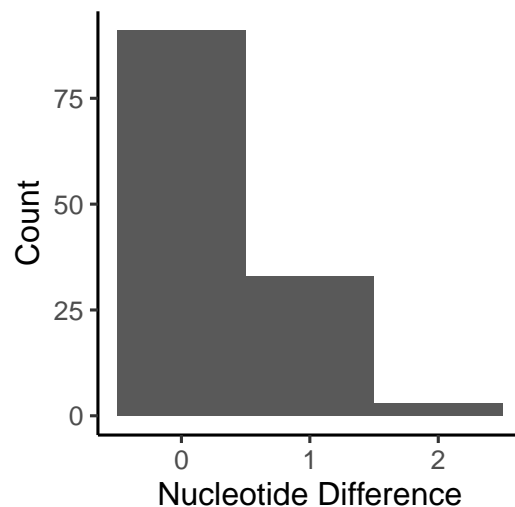
TRBV6-6*01

2557 sequences assigned
1977 (77.3%) exact matches, in which:
1823 unique CDR3
13 unique J



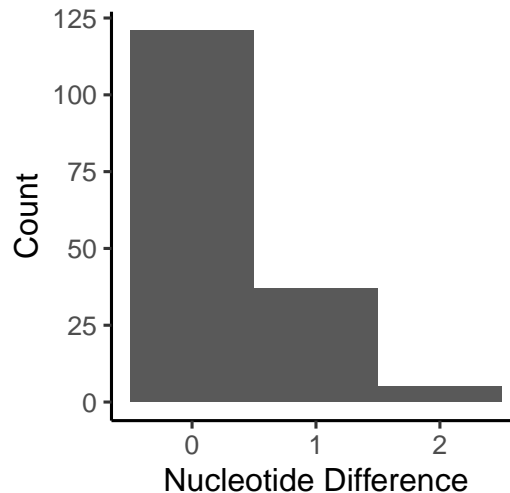
TRBV5-8*01_C56T_C276

131 sequences assigned
91 (69.5%) exact matches, in which:
57 unique CDR3
12 unique J



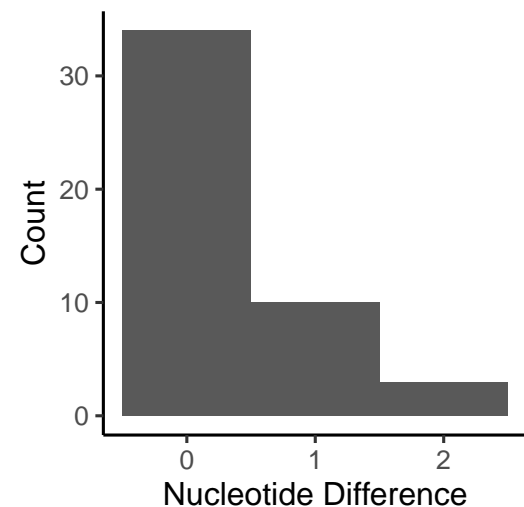
TRBV6-4*02

163 sequences assigned
121 (74.2%) exact matches, in which:
119 unique CDR3
12 unique J



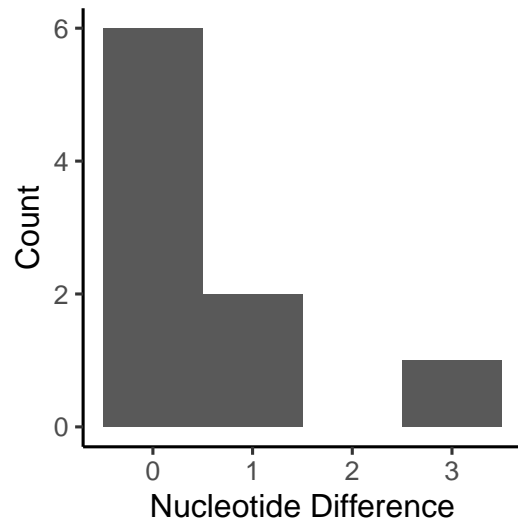
TRBV6-7*01

47 sequences assigned
34 (72.3%) exact matches, in which:
32 unique CDR3
10 unique J



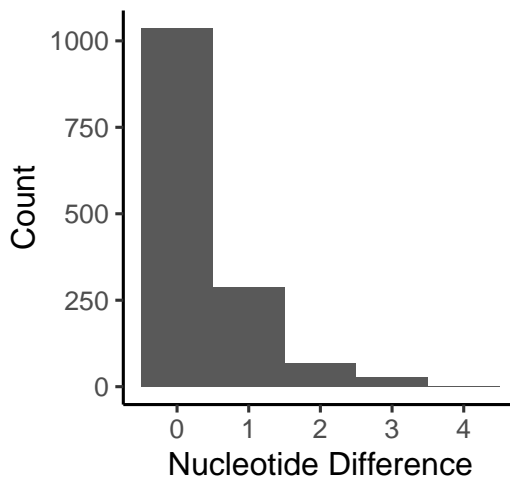
TRBV6-8*01

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



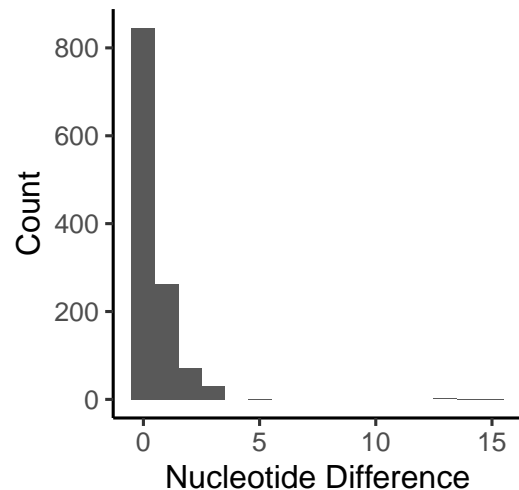
TRBV6-23*01

1422 sequences assigned
1036 (72.9%) exact matches, in which:
920 unique CDR3
13 unique J



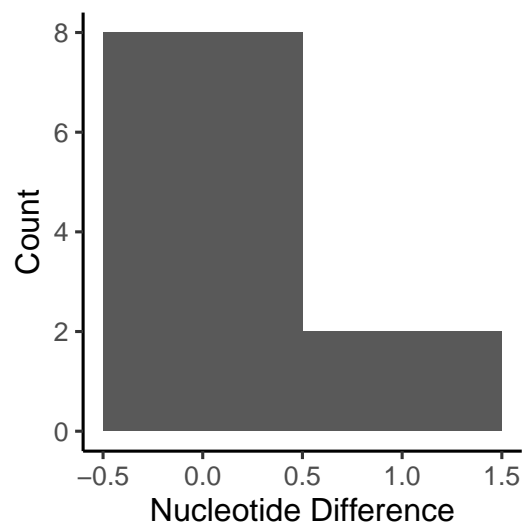
TRBV7-3*01

1215 sequences assigned
846 (69.6%) exact matches, in which:
734 unique CDR3
13 unique J



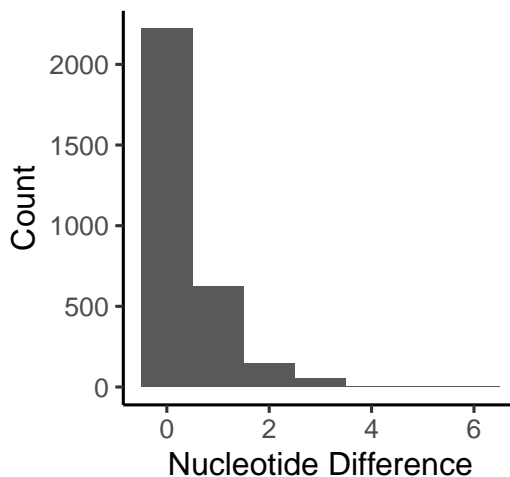
TRBV6-9*01

10 sequences assigned
8 (80%) exact matches, in which:
8 unique CDR3
6 unique J



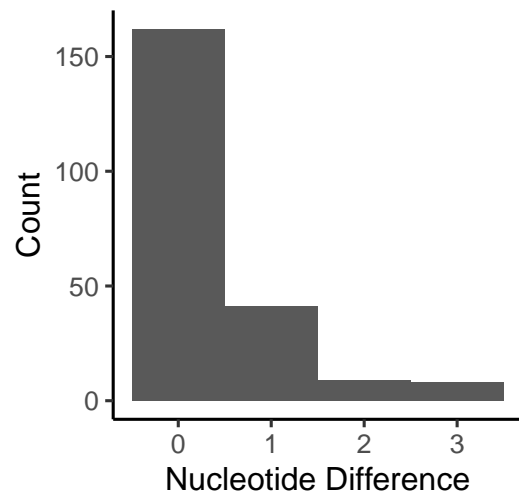
TRBV7-2*01

3043 sequences assigned
2221 (73%) exact matches, in which:
2022 unique CDR3
13 unique J



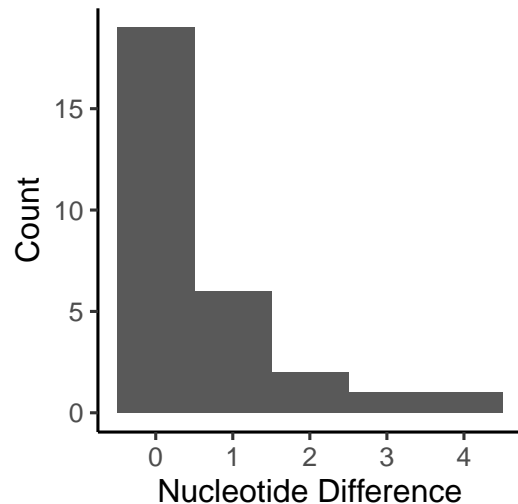
TRBV7-3*03

220 sequences assigned
162 (73.6%) exact matches, in which:
158 unique CDR3
13 unique J



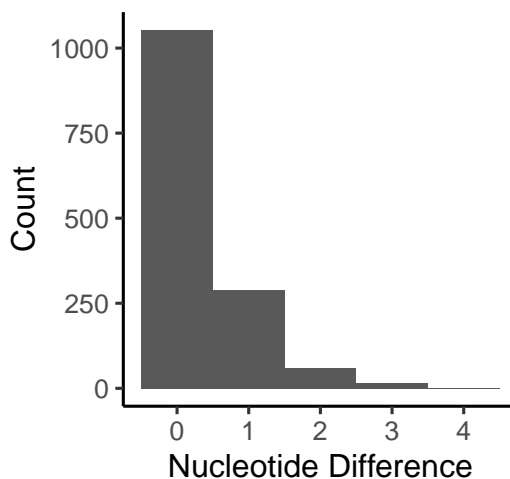
TRBV6-9*01_A303G

29 sequences assigned
19 (65.5%) exact matches, in which:
19 unique CDR3
8 unique J



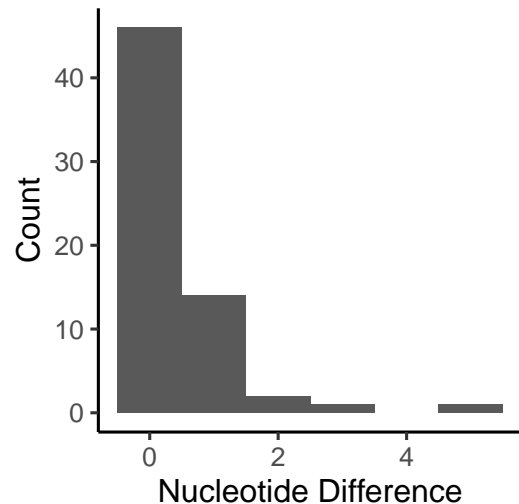
TRBV7-2*02

1418 sequences assigned
1053 (74.3%) exact matches, in which:
960 unique CDR3
13 unique J



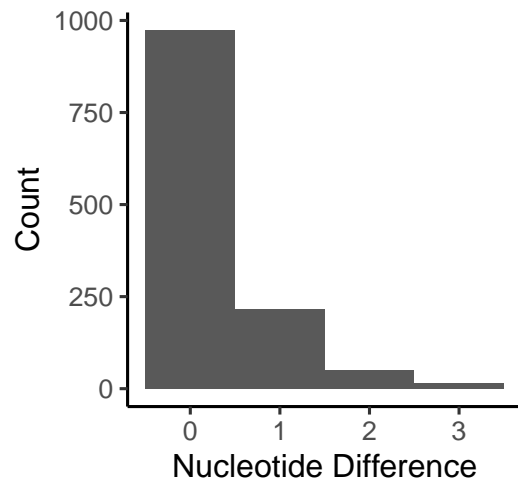
TRBV7-4*01

64 sequences assigned
46 (71.9%) exact matches, in which:
45 unique CDR3
11 unique J



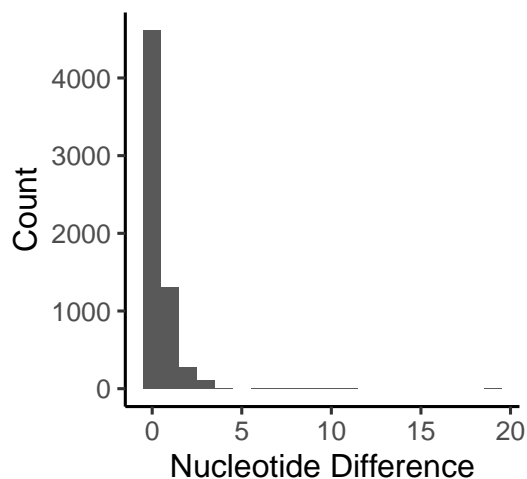
TRBV7-6*01

1257 sequences assigned
973 (77.4%) exact matches, in which:
864 unique CDR3
13 unique J



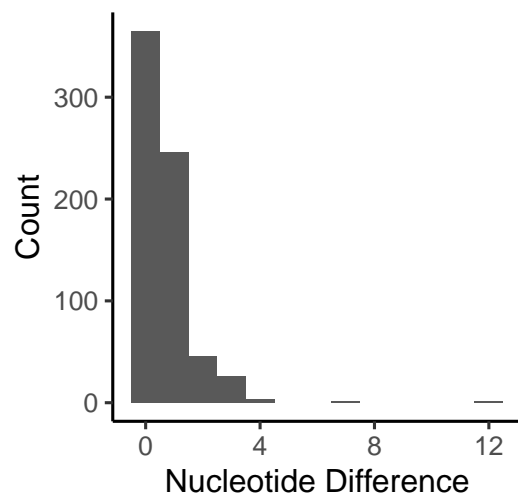
TRBV7-9*03

6326 sequences assigned
4612 (72.9%) exact matches, in which:
4258 unique CDR3
13 unique J



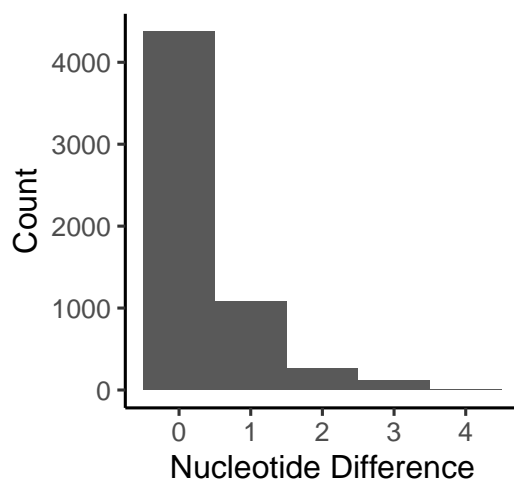
TRBV7-7*01

689 sequences assigned
365 (53%) exact matches, in which:
220 unique CDR3
12 unique J



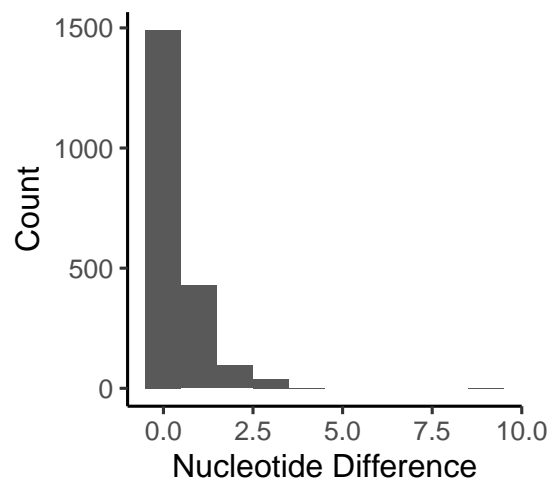
TRBV29-1*01

5831 sequences assigned
4373 (75%) exact matches, in which:
3992 unique CDR3
13 unique J

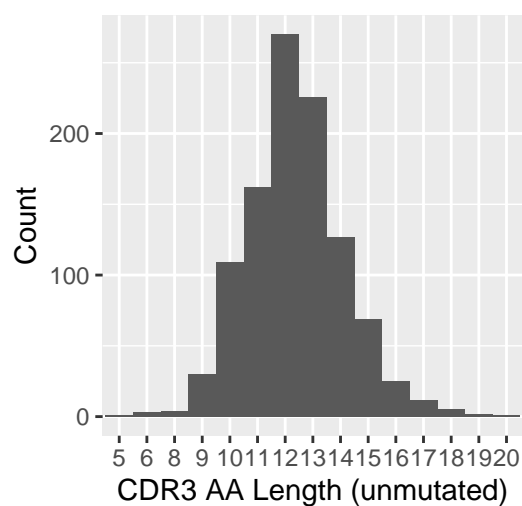


TRBV7-8*01

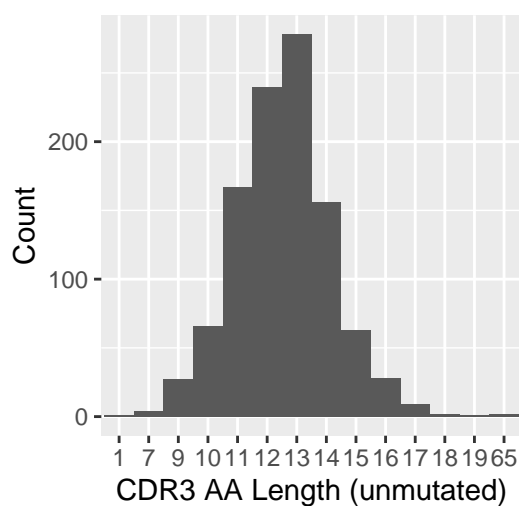
2054 sequences assigned
1491 (72.6%) exact matches, in which:
1293 unique CDR3
13 unique J



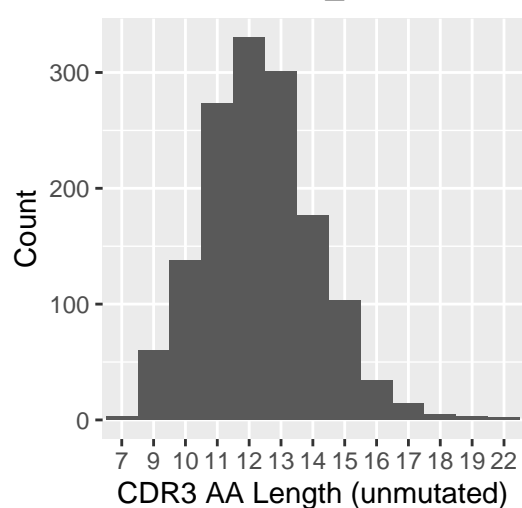
TRBV10-3*03_313GCCATC



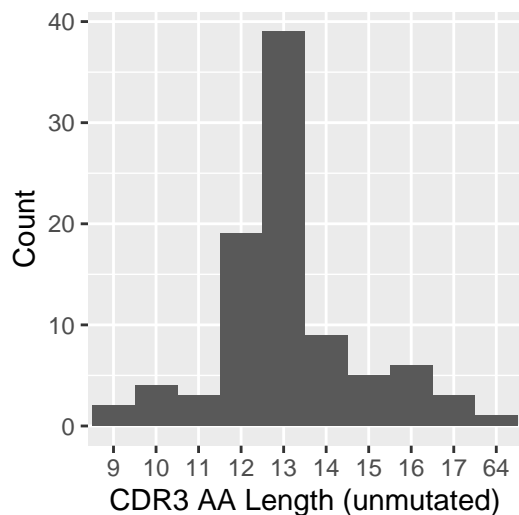
TRBV5-5*02_322TTGG325



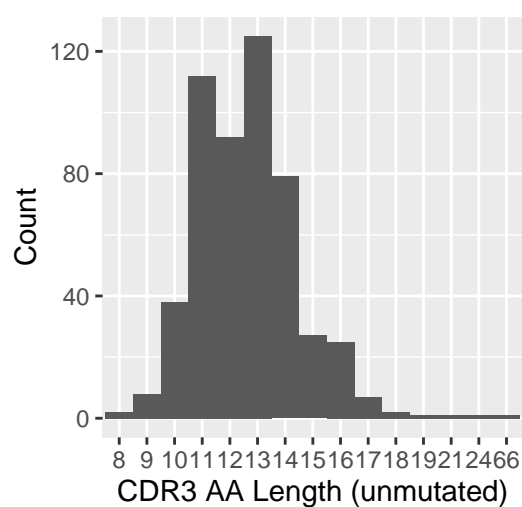
TRBV12-4*01_C87T



TRBV5-8*01_C56T_C276T



TRBV14*02_322CAAGA326



TRBV6-9*01_A303G

