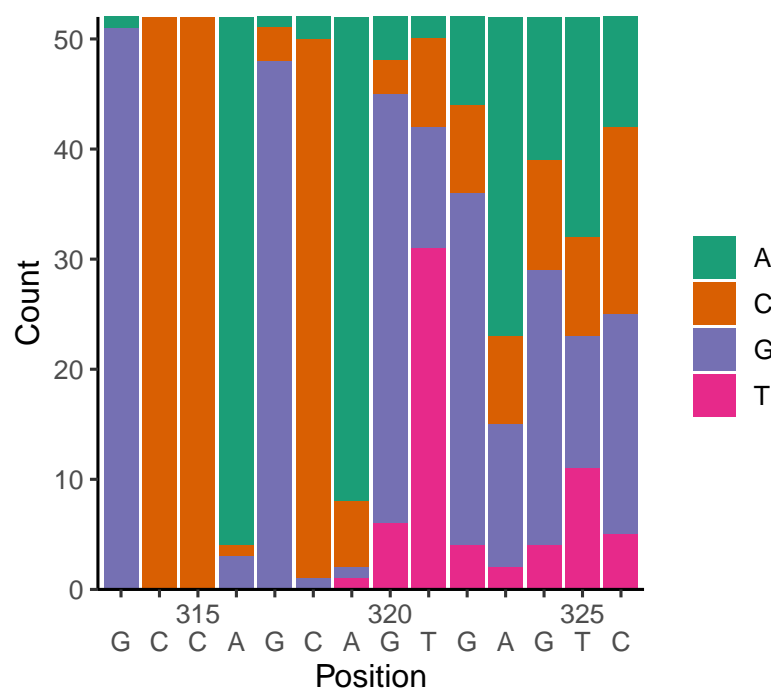
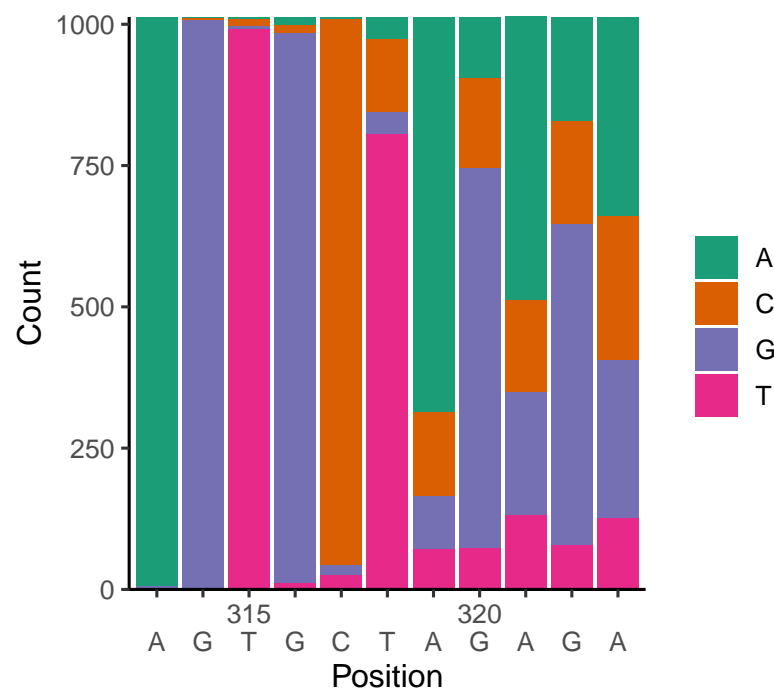


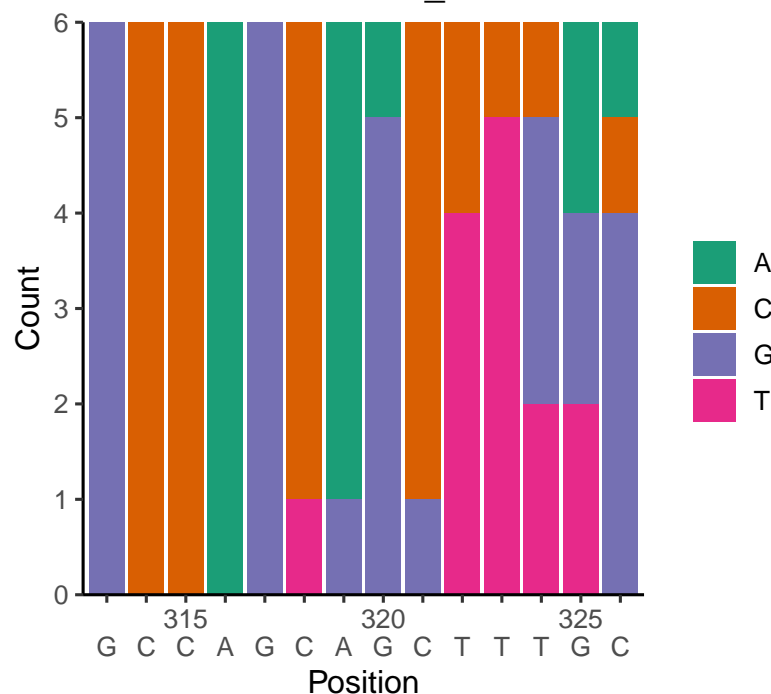
Gene TRBV10-1*02_G274T



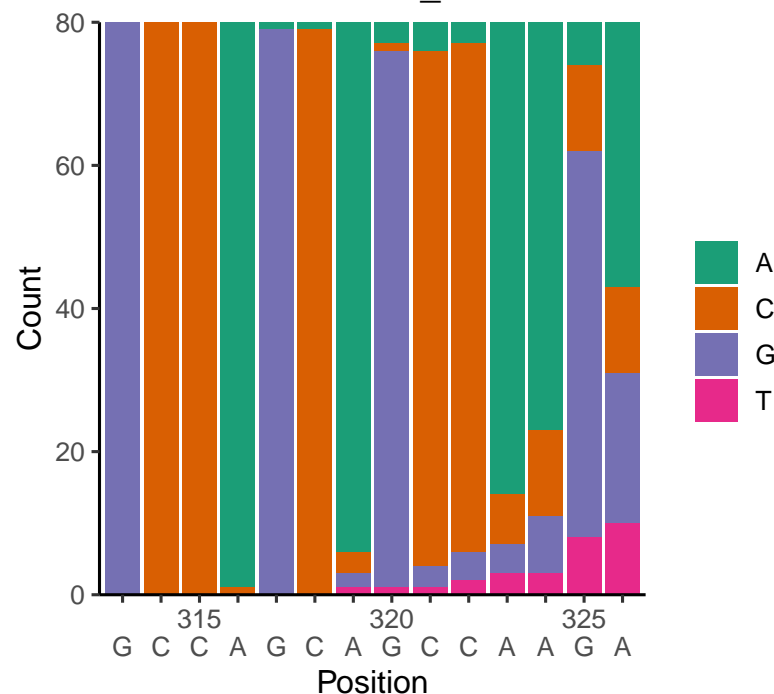
Gene TRBV20-1*02_319AGAGA323



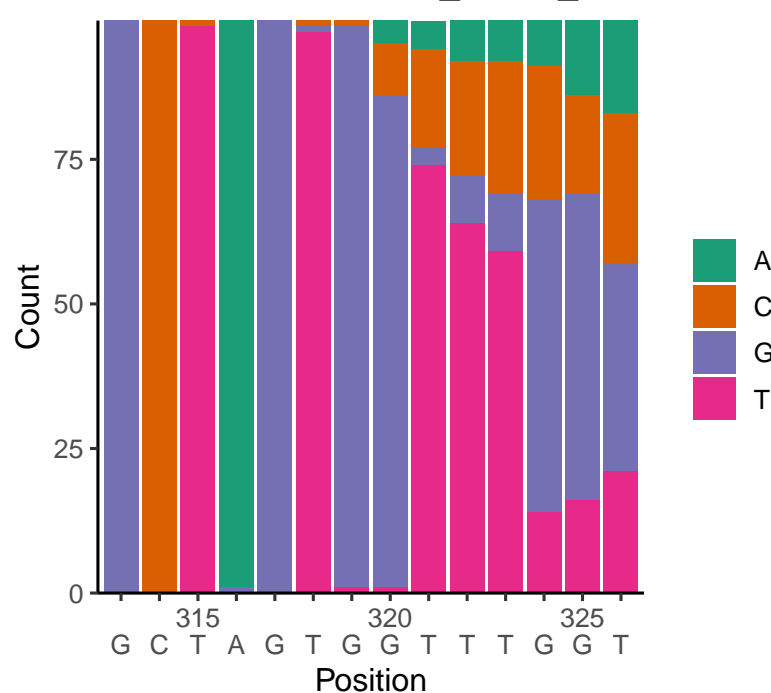
Gene TRBV12-1*01_C165A



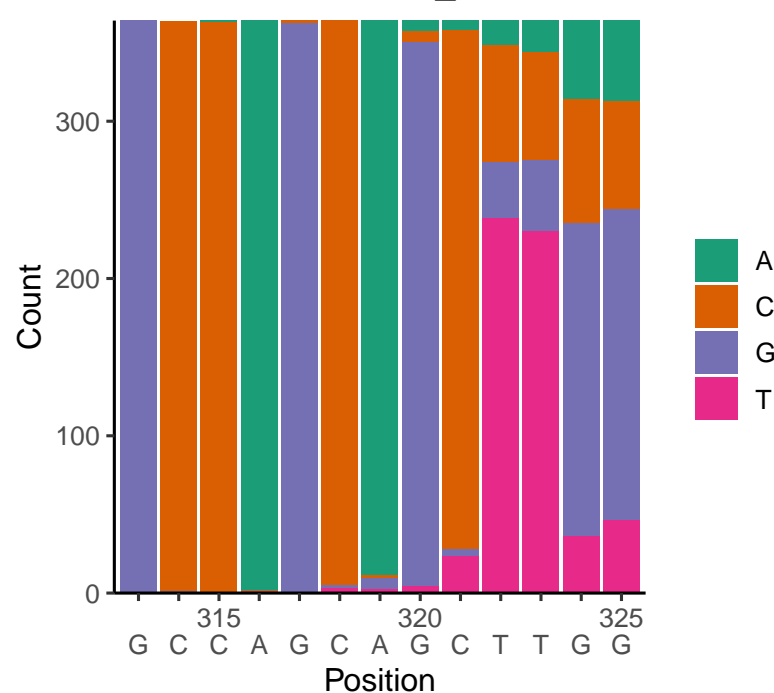
Gene TRBV3-2*01_G224A



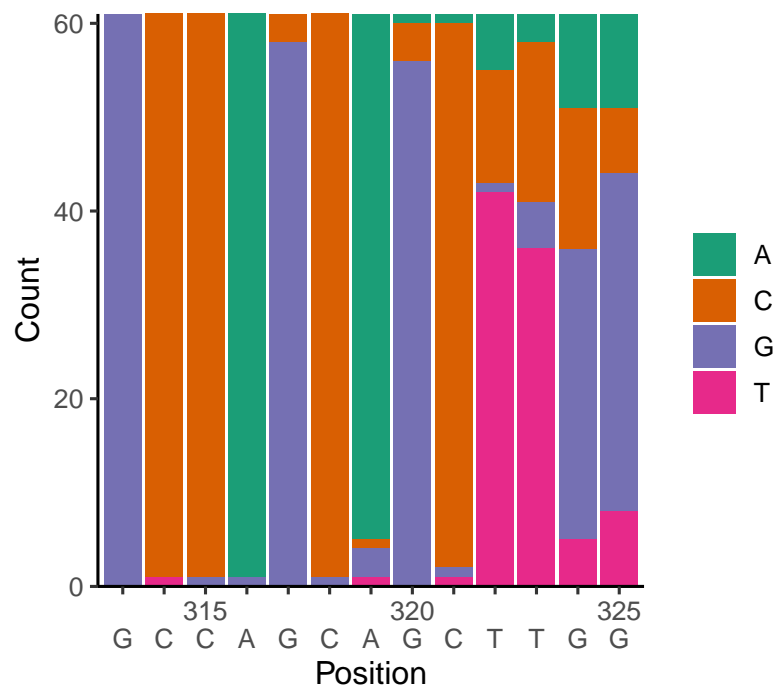
Gene TRBV12-5*01_C28G_T140A



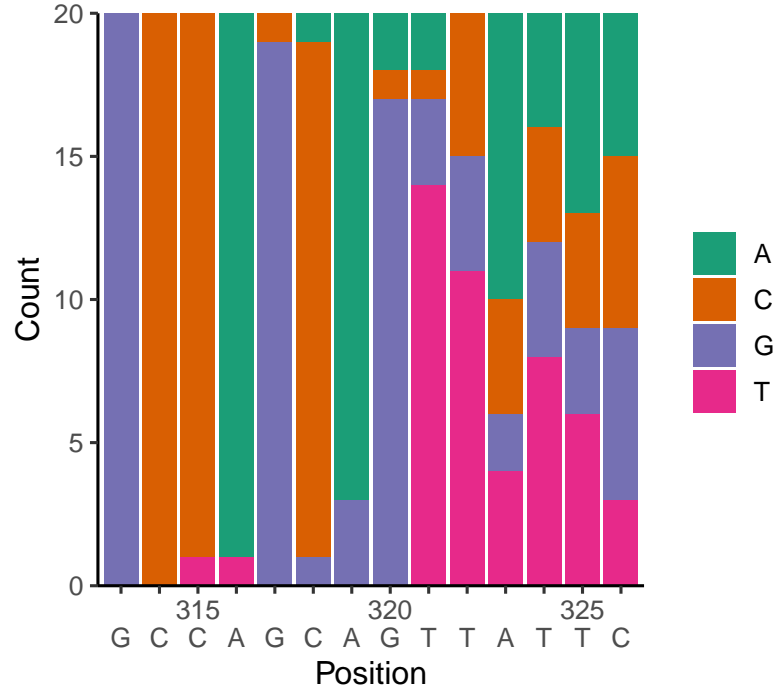
Gene TRBV5-5*02_322TTGG325



Gene TRBV5-8*01_C56T_C276T



Gene TRBV6-9*01_A303G



Gene TRBV10-1*02_G274T



Gene TRBV12-1*01_C165A



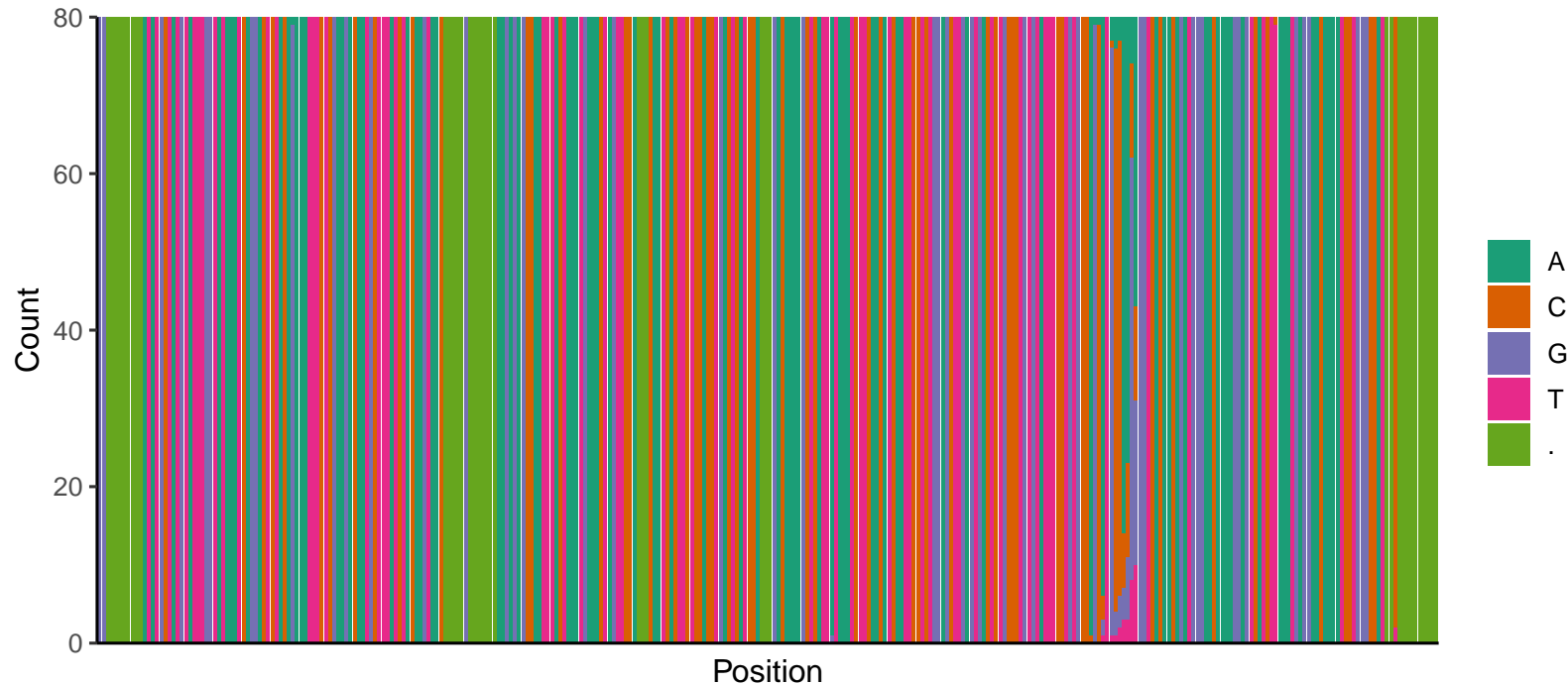
Gene TRBV12-5*01_C28G_T140A



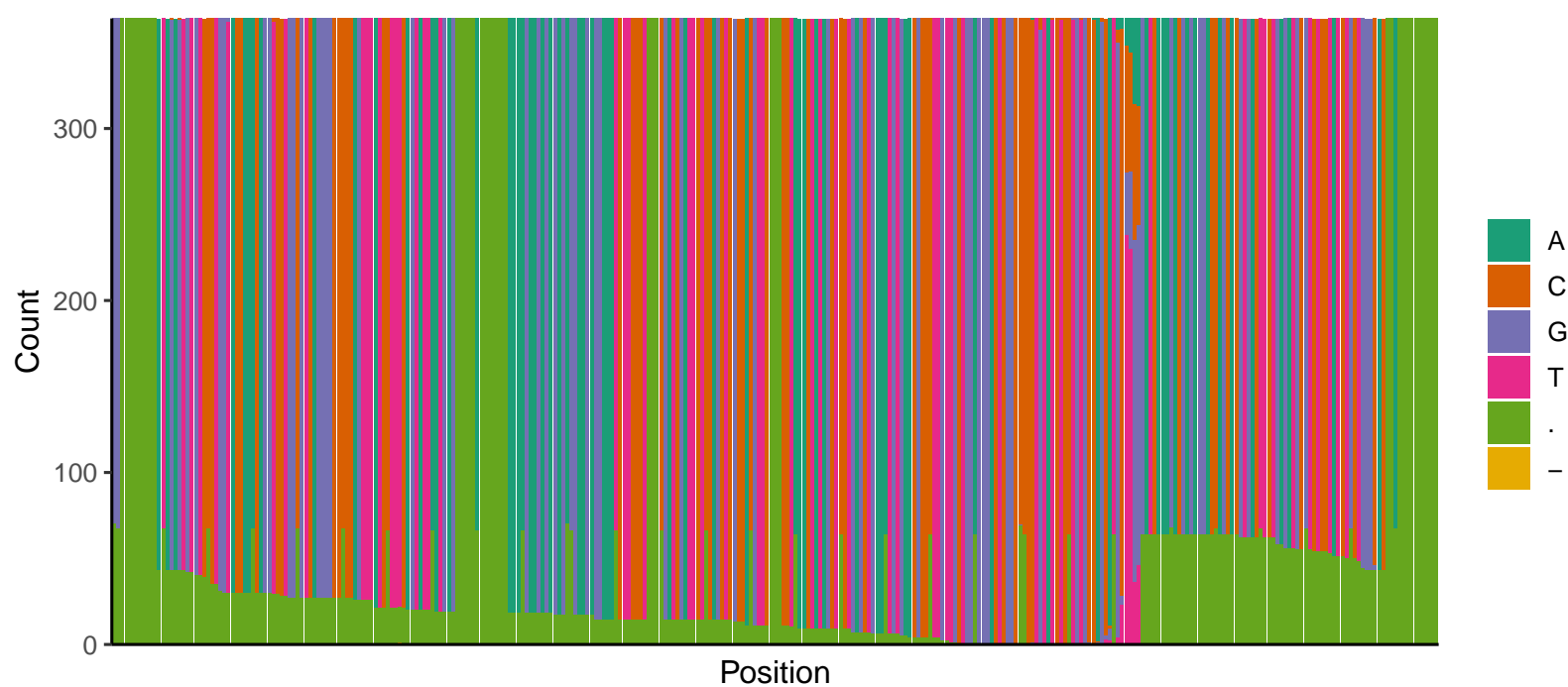
Gene TRBV20-1*02_319AGAGA323



Gene TRBV3-2*01_G224A



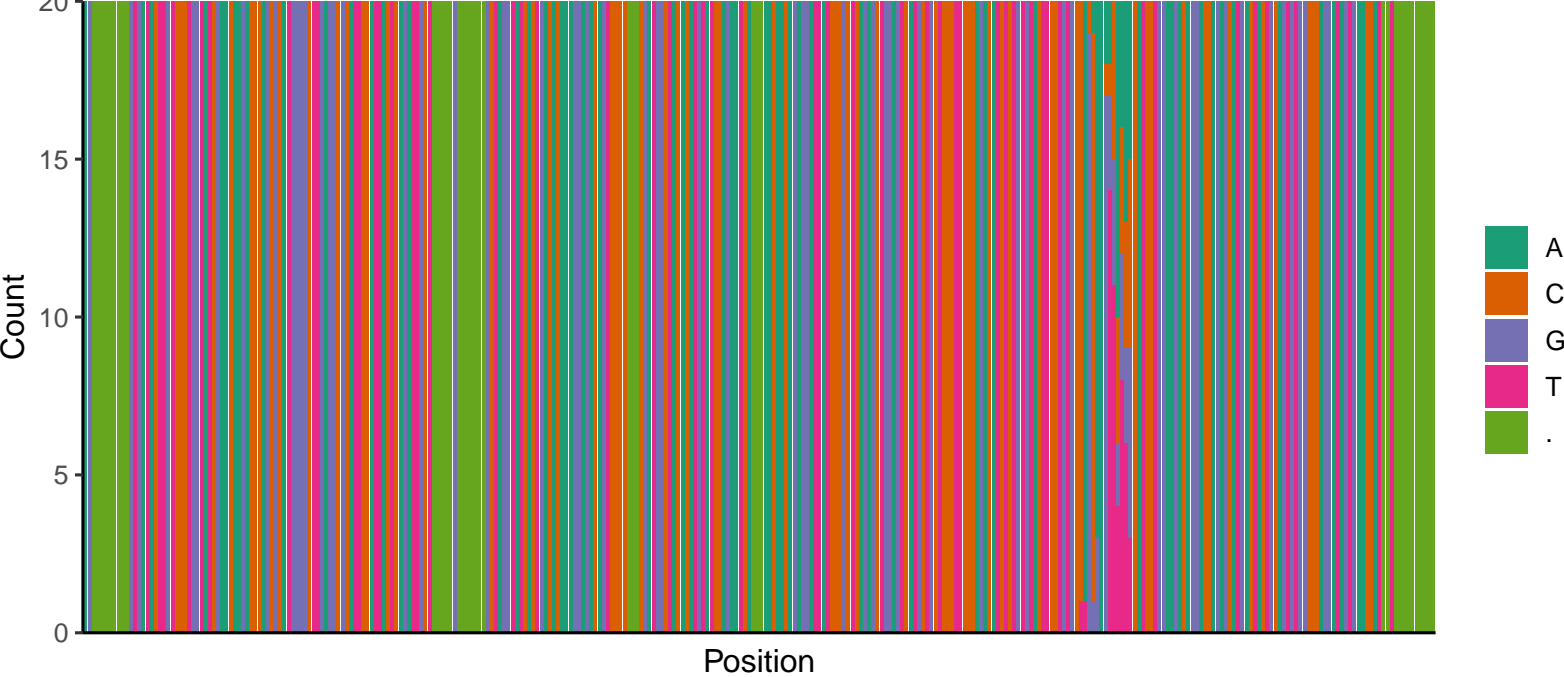
Gene TRBV5-5*02_322TTGG325



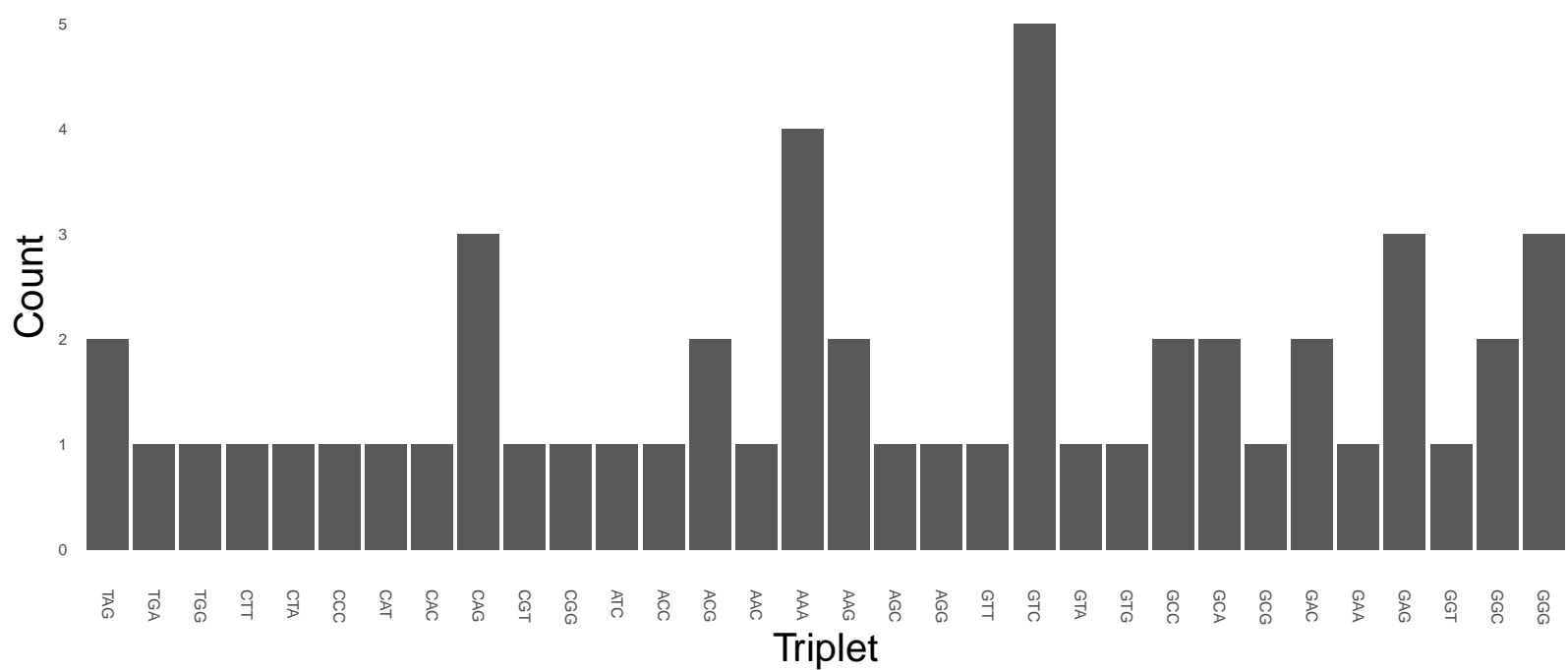
Gene TRBV5-8*01_C56T_C276T



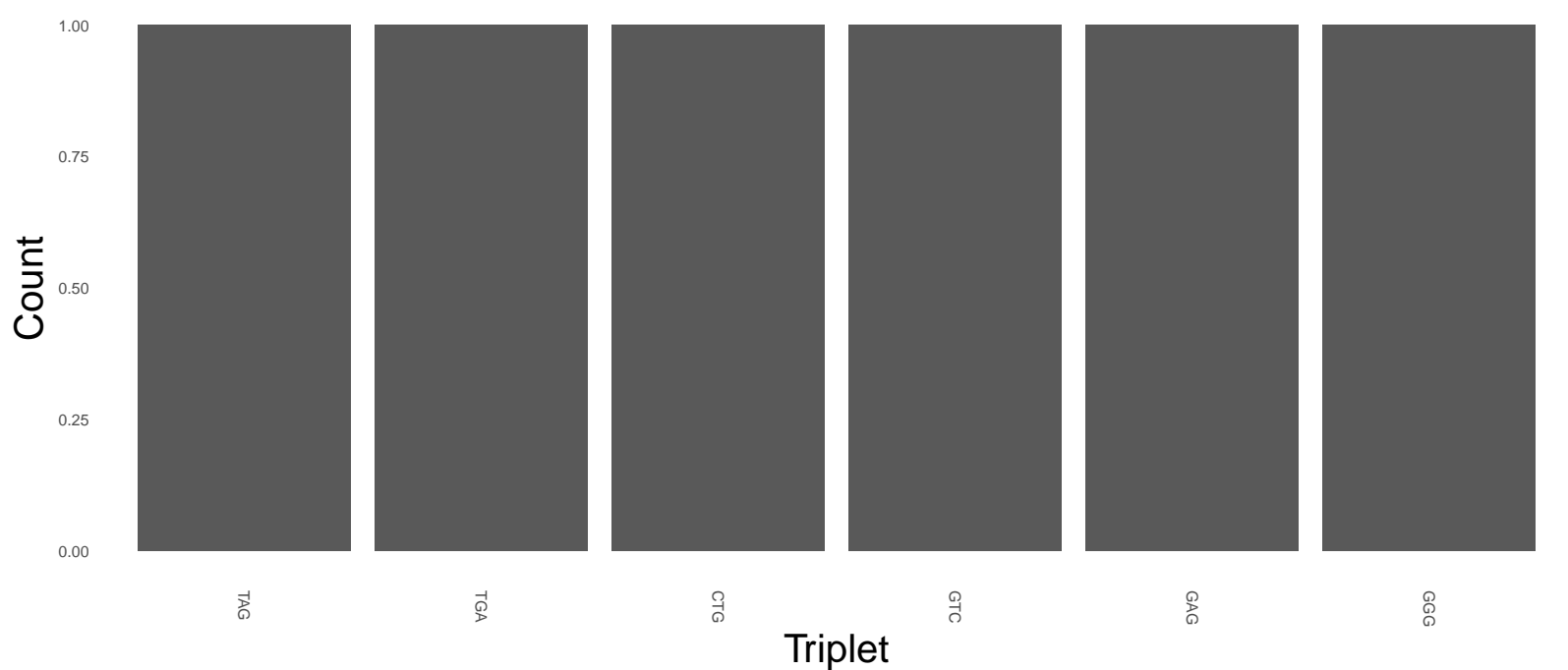
Gene TRBV6-9*01_A303G



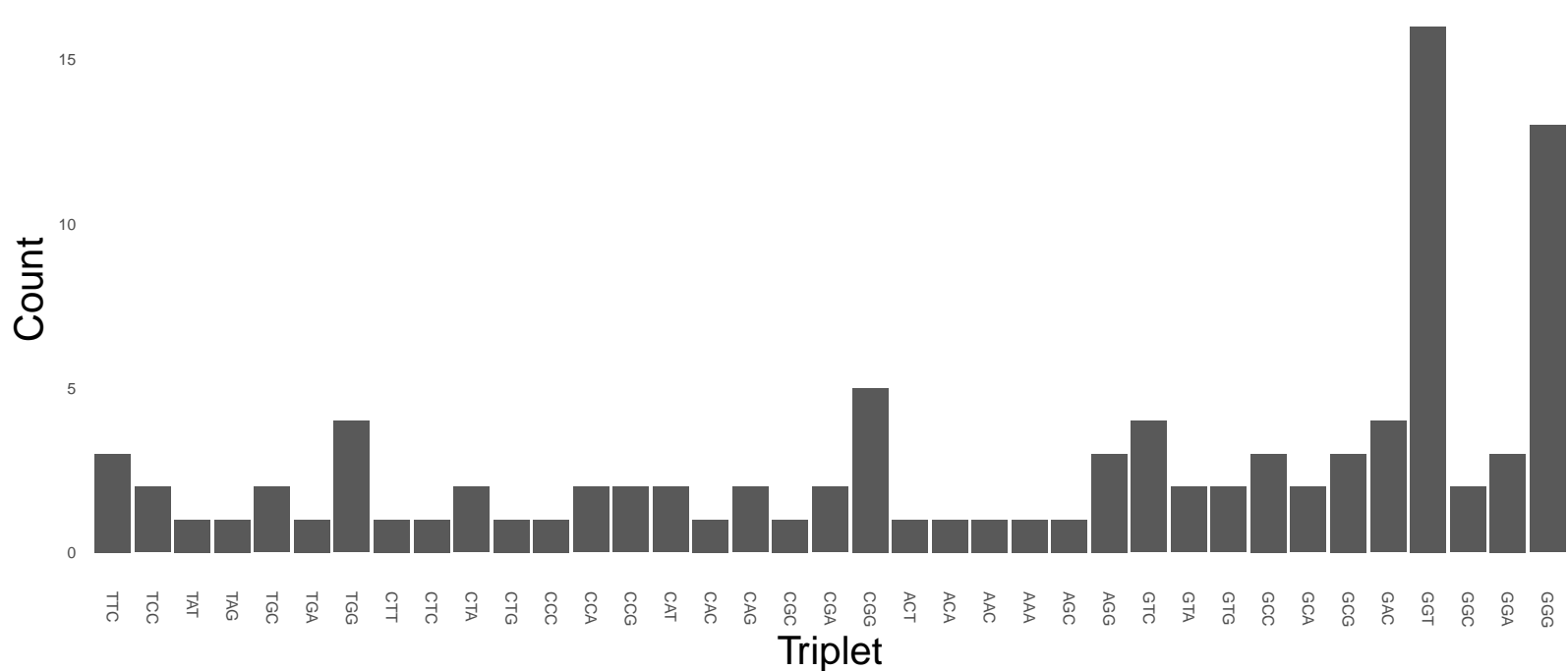
TRBV10-1*02_G274T- Final 3 nucleotides as a triplet



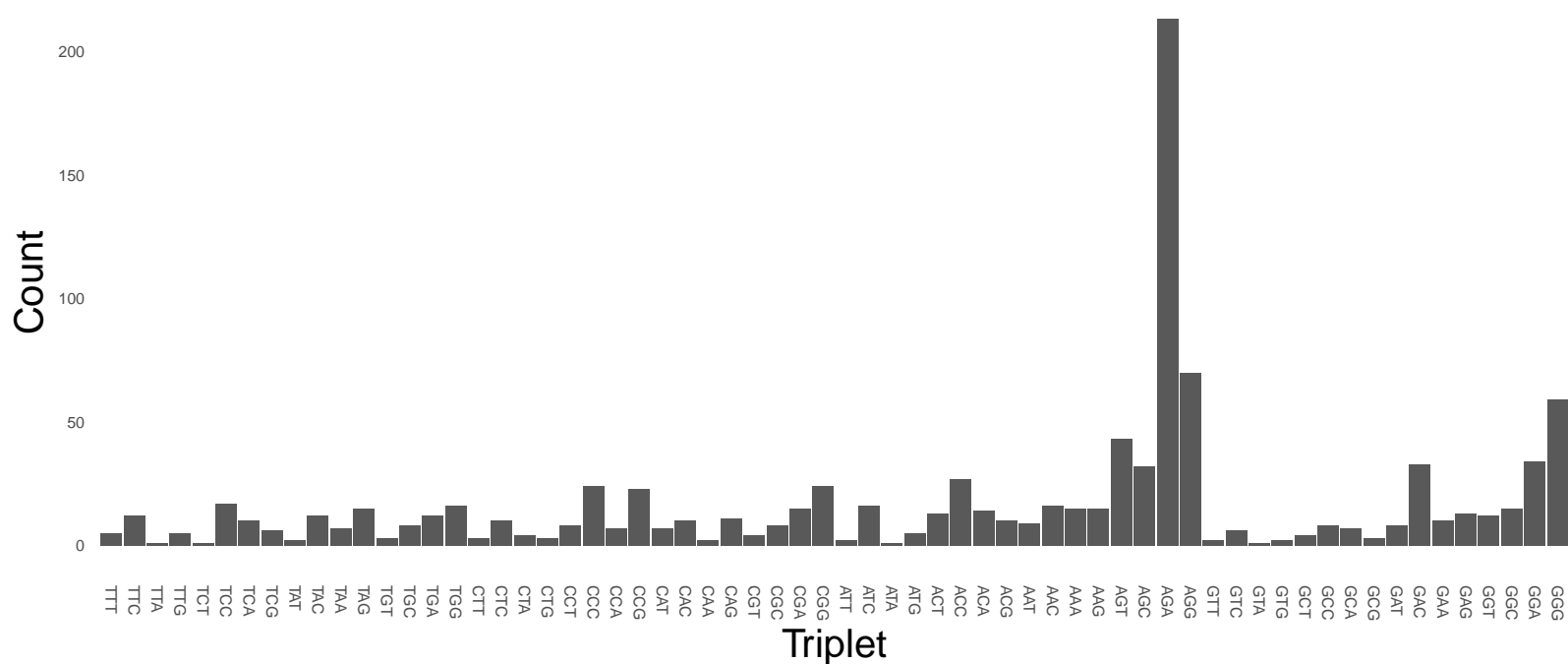
TRBV12-1*01_C165A- Final 3 nucleotides as a triplet



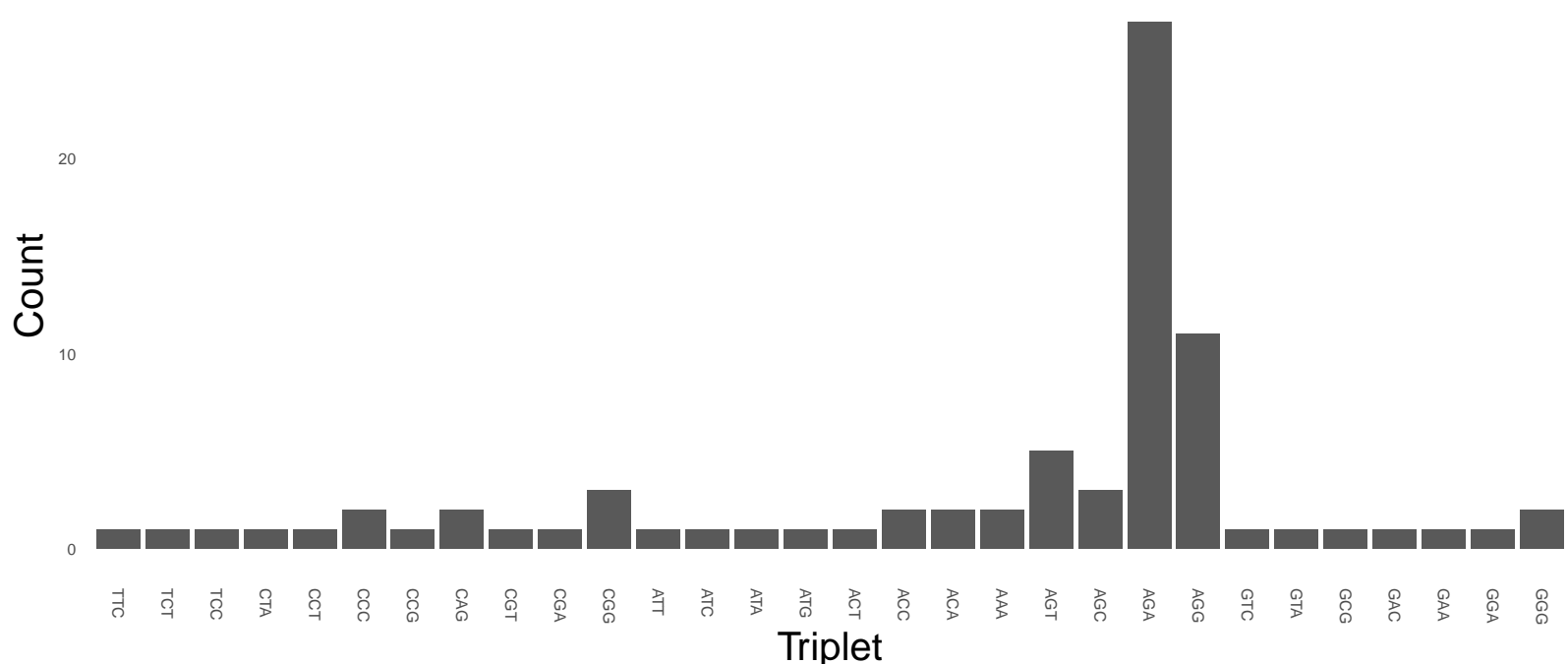
TRBV12-5*01_C28G_T140A- Final 3 nucleotides as a triplet



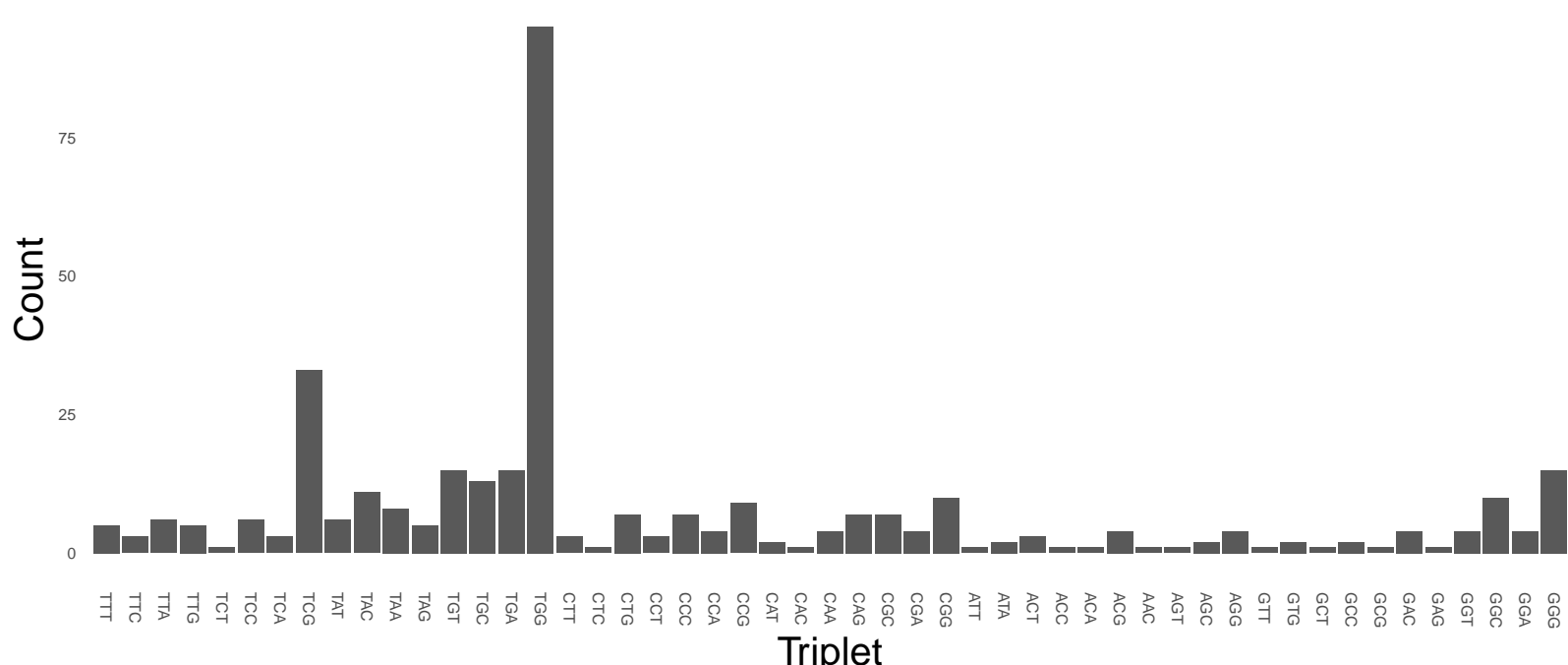
TRBV20–1*02_319AGAGA323– Final 3 nucleotides as a triplet



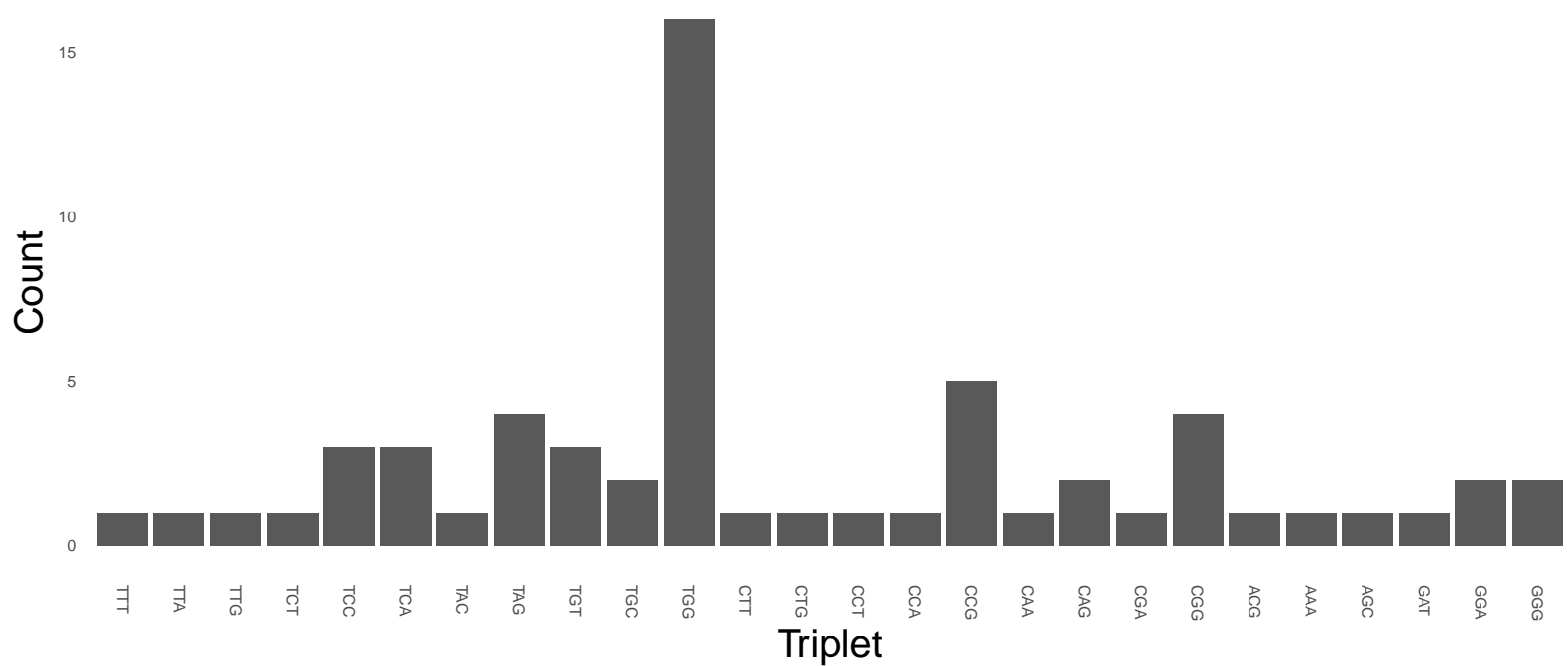
TRBV3–2*01_G224A– Final 3 nucleotides as a triplet



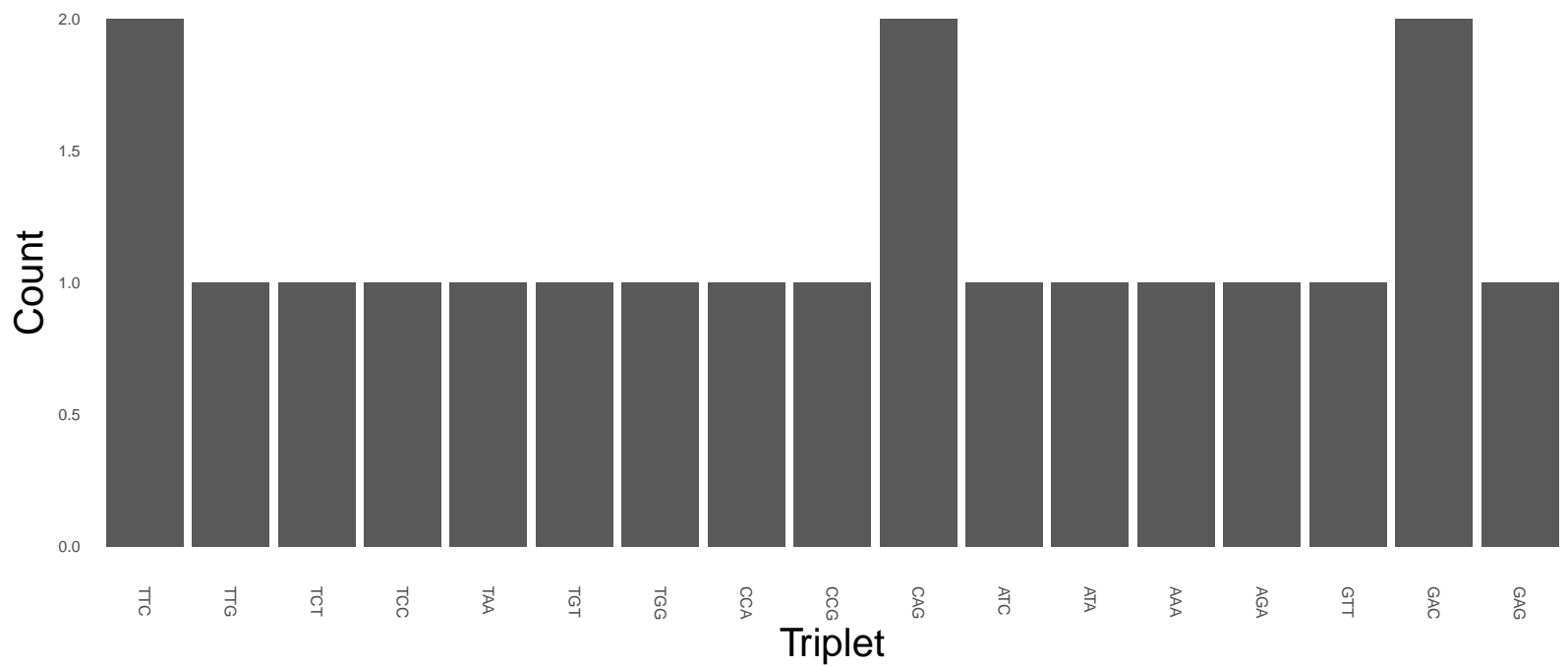
TRBV5–5*02_322TTGG325– Final 3 nucleotides as a triplet



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

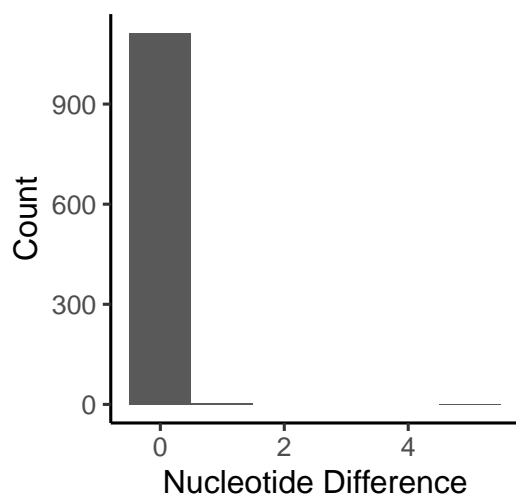


TRBV6–9*01_A303G– Final 3 nucleotides as a triplet



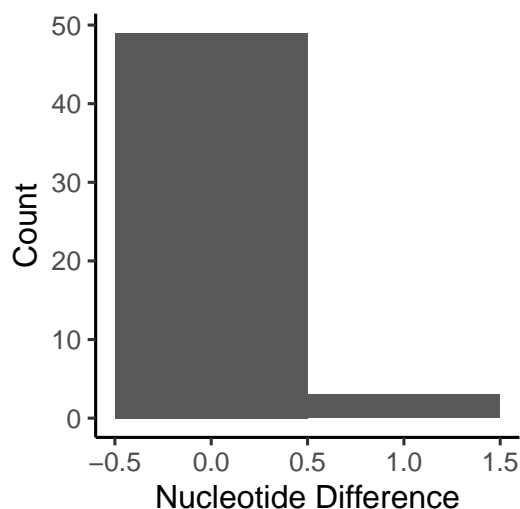
TRBV20–1*01

1119 sequences assigned
1114 (99.6%) exact matches, in which:
1114 unique CDR3
14 unique J



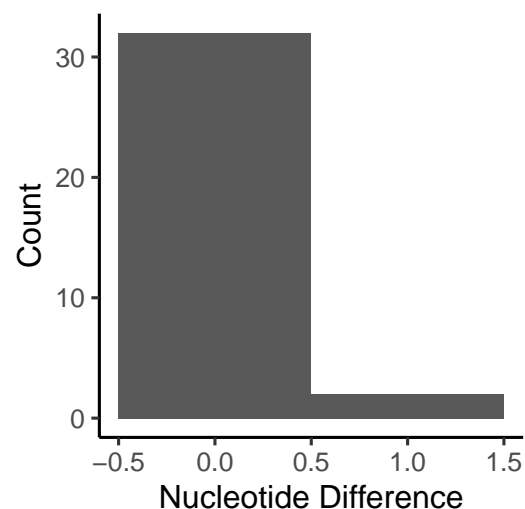
TRBV10–1*02_G274T

52 sequences assigned
49 (94.2%) exact matches, in which:
48 unique CDR3
10 unique J



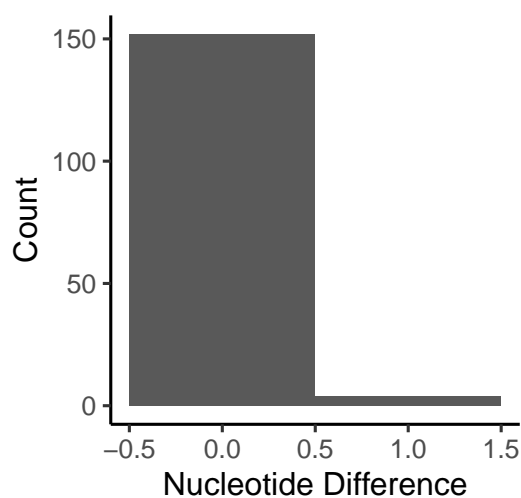
TRBV1*01

34 sequences assigned
32 (94.1%) exact matches, in which:
30 unique CDR3
11 unique J



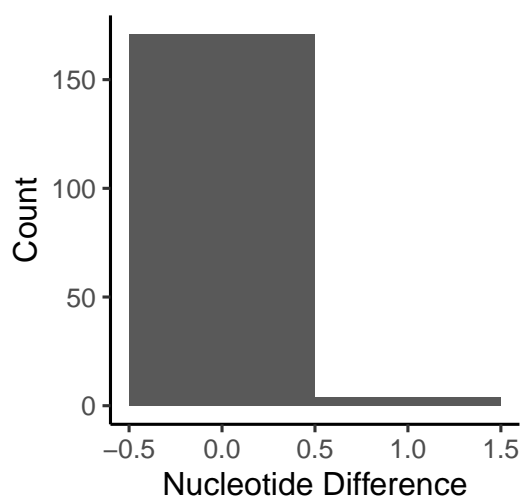
TRBV10–1*01

156 sequences assigned
152 (97.4%) exact matches, in which:
149 unique CDR3
12 unique J



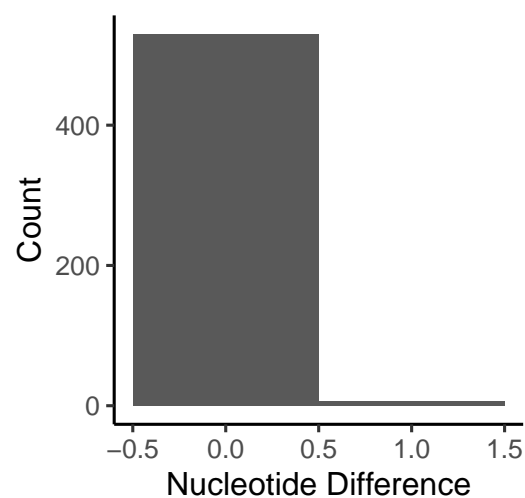
TRBV10–2*01

175 sequences assigned
171 (97.7%) exact matches, in which:
171 unique CDR3
13 unique J



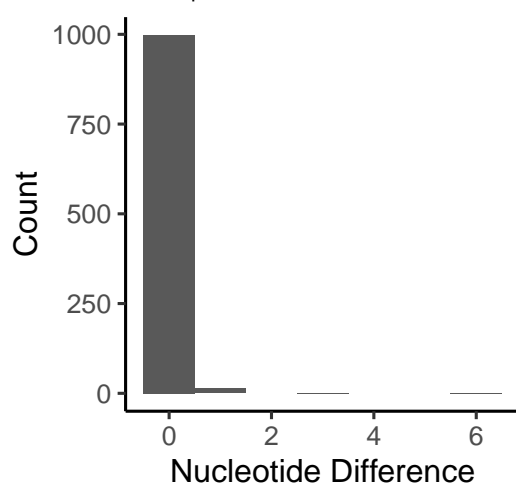
TRBV13*01

537 sequences assigned
530 (98.7%) exact matches, in which:
528 unique CDR3
14 unique J



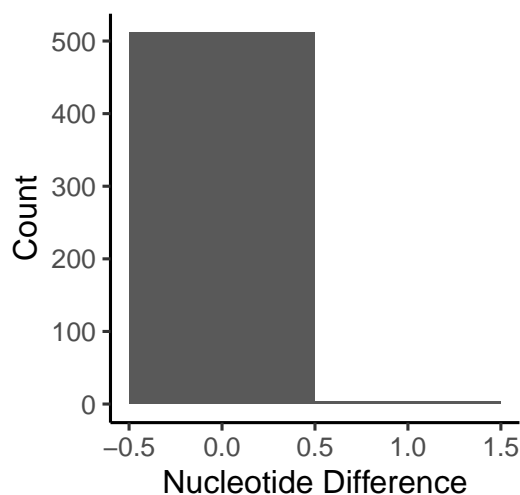
TRBV20–1*02_319AGAG

1013 sequences assigned
998 (98.5%) exact matches, in which:
998 unique CDR3
13 unique J



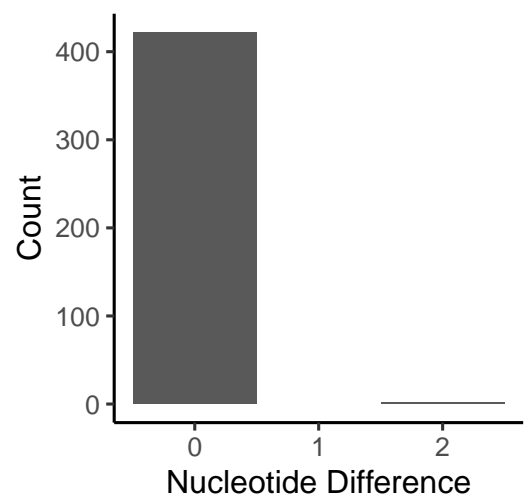
TRBV10–3*01

516 sequences assigned
512 (99.2%) exact matches, in which:
508 unique CDR3
14 unique J



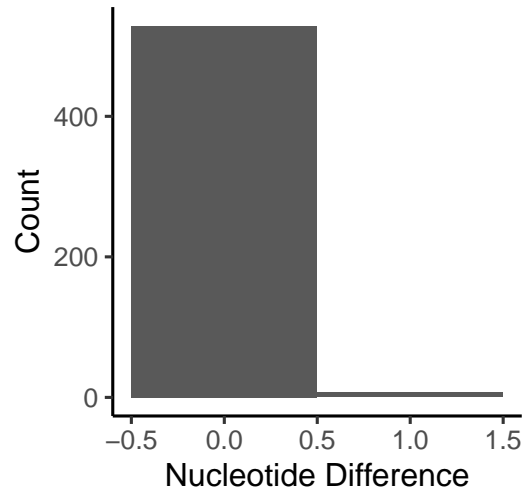
TRBV14*01

424 sequences assigned
422 (99.5%) exact matches, in which:
422 unique CDR3
14 unique J



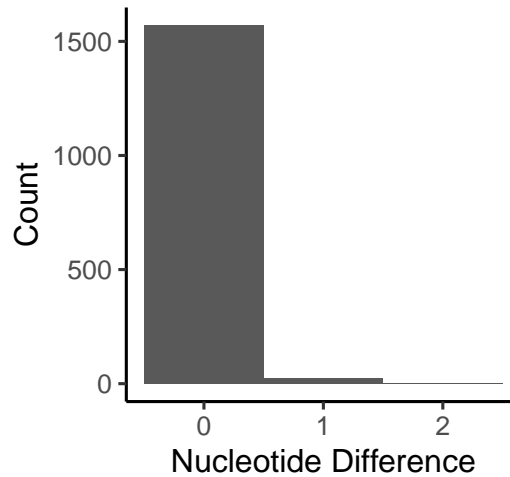
TRBV15*02

536 sequences assigned
529 (98.7%) exact matches, in which:
518 unique CDR3
14 unique J



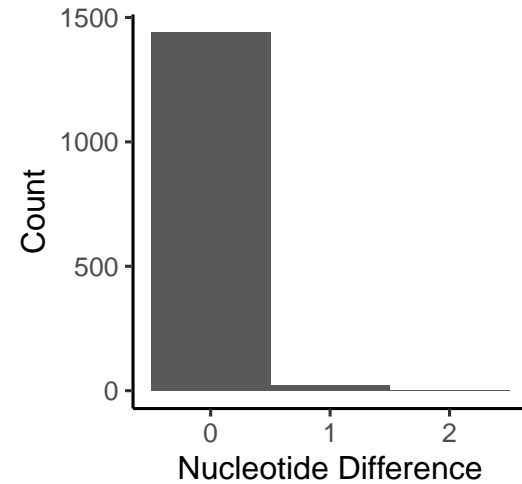
TRBV19*01

1594 sequences assigned
1570 (98.5%) exact matches, in which:
1564 unique CDR3
14 unique J



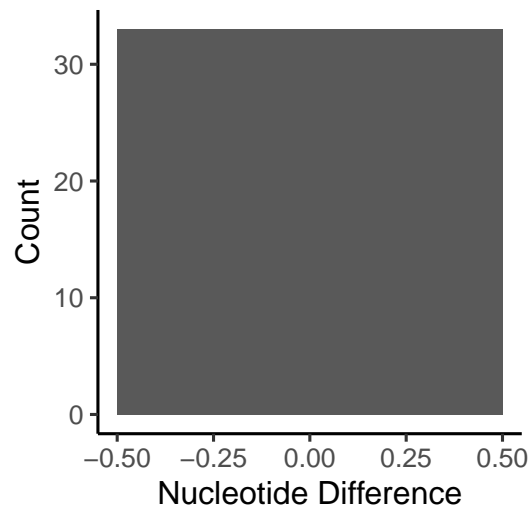
TRBV28*01

1466 sequences assigned
1440 (98.2%) exact matches, in which:
1426 unique CDR3
14 unique J



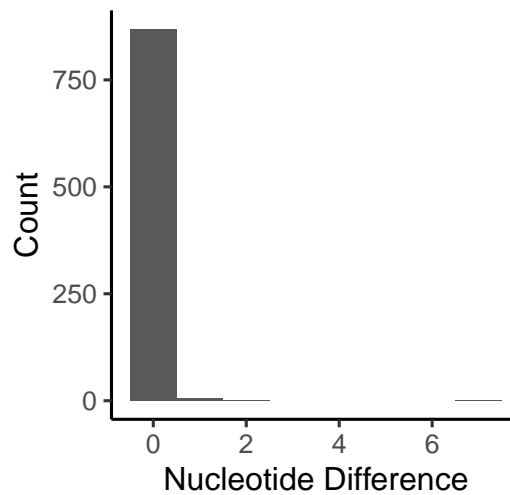
TRBV16*01

33 sequences assigned
33 (100%) exact matches, in which:
33 unique CDR3
11 unique J



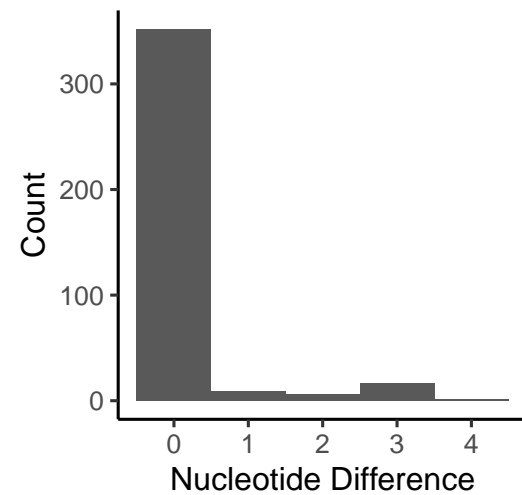
TRBV2*01

877 sequences assigned
869 (99.1%) exact matches, in which:
868 unique CDR3
14 unique J



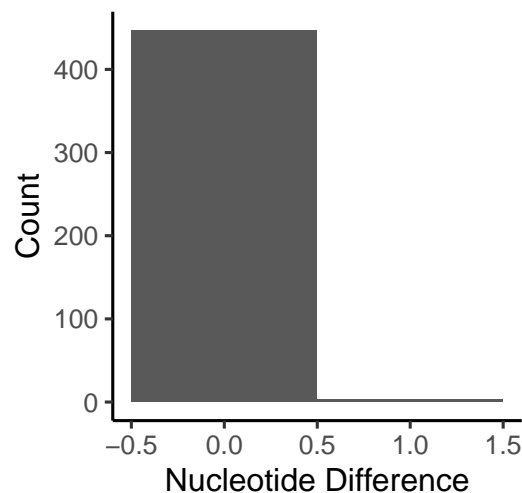
TRBV30*01

385 sequences assigned
352 (91.4%) exact matches, in which:
332 unique CDR3
13 unique J



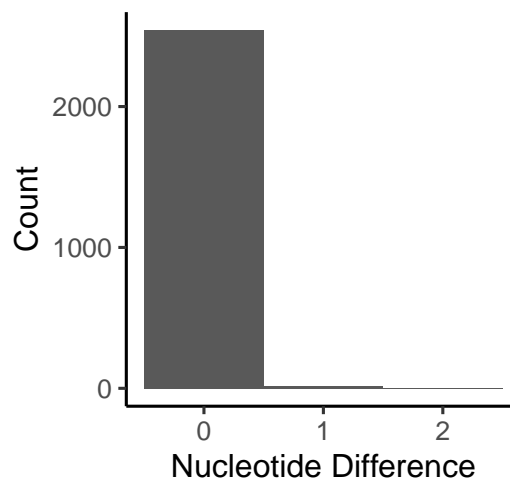
TRBV18*01

451 sequences assigned
447 (99.1%) exact matches, in which:
445 unique CDR3
14 unique J



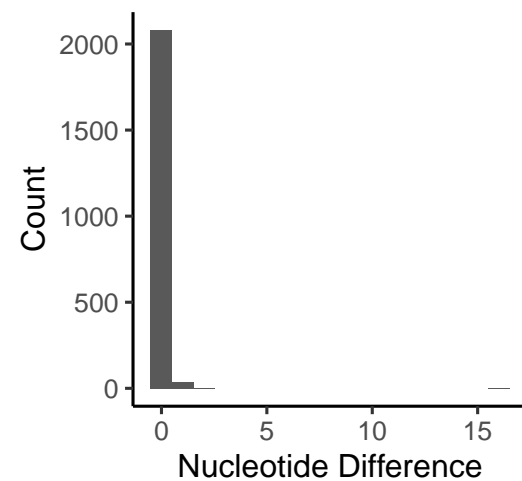
TRBV27*01

2559 sequences assigned
2543 (99.4%) exact matches, in which:
2537 unique CDR3
14 unique J



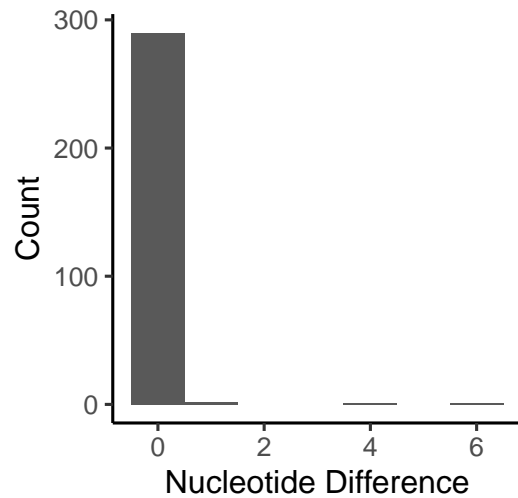
TRBV9*01

2118 sequences assigned
2081 (98.3%) exact matches, in which:
2067 unique CDR3
14 unique J



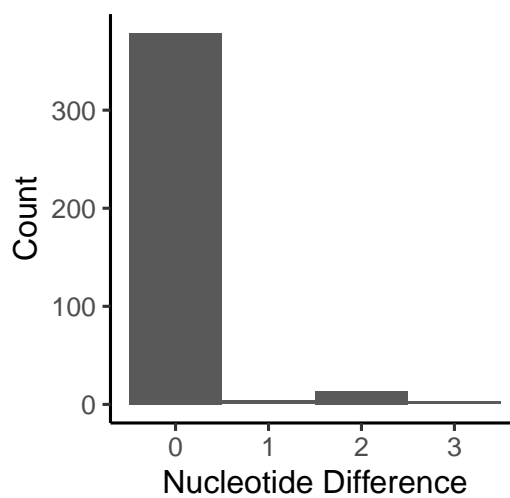
TRBV21-1*01

294 sequences assigned
290 (98.6%) exact matches, in which:
283 unique CDR3
13 unique J



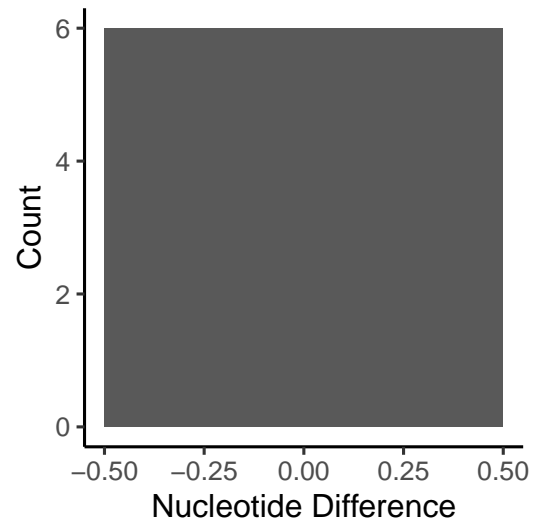
TRBV11-2*01

400 sequences assigned
379 (94.8%) exact matches, in which:
372 unique CDR3
13 unique J



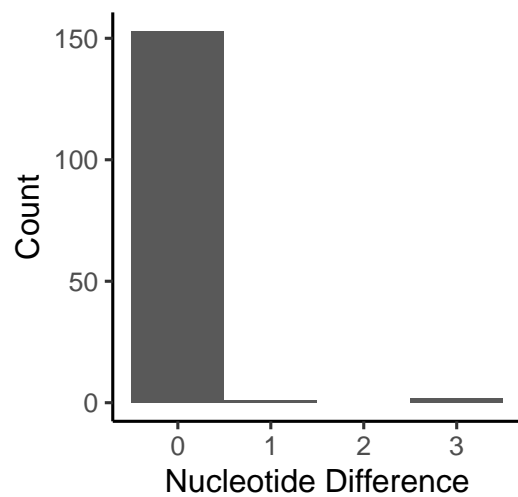
TRBV12-1*01

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
5 unique J



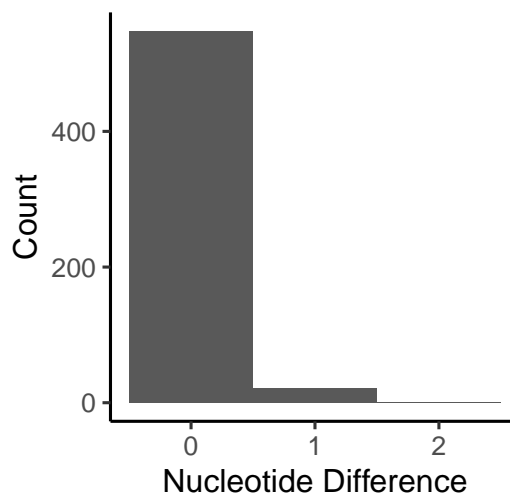
TRBV11-1*01

156 sequences assigned
153 (98.1%) exact matches, in which:
153 unique CDR3
13 unique J



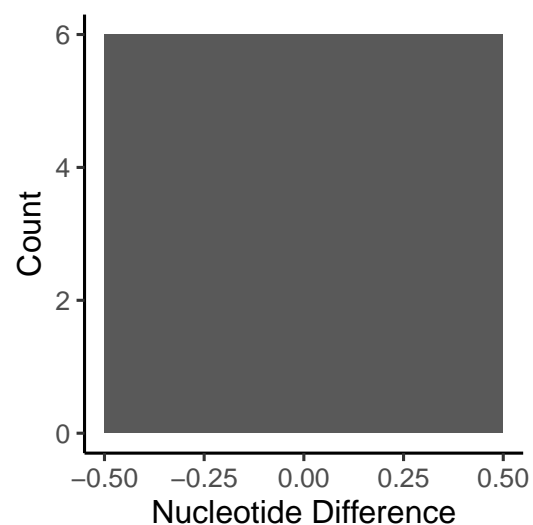
TRBV11-2*03

570 sequences assigned
548 (96.1%) exact matches, in which:
500 unique CDR3
14 unique J



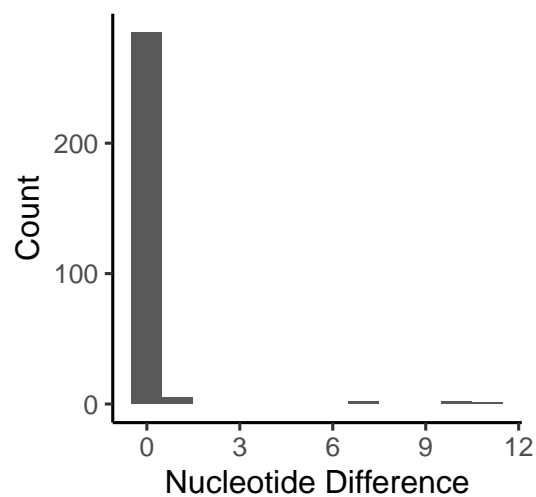
TRBV12-1*01_C165A

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
5 unique J



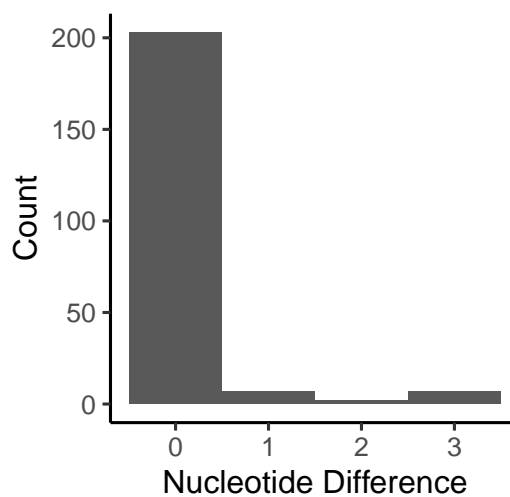
TRBV21-1*02

295 sequences assigned
285 (96.6%) exact matches, in which:
282 unique CDR3
13 unique J



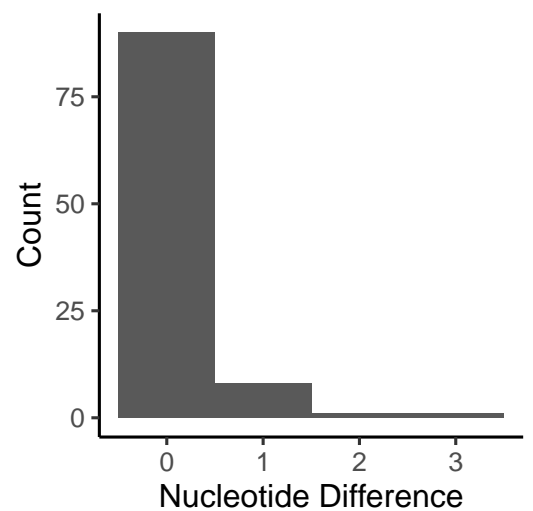
TRBV11-3*01

219 sequences assigned
203 (92.7%) exact matches, in which:
194 unique CDR3
14 unique J



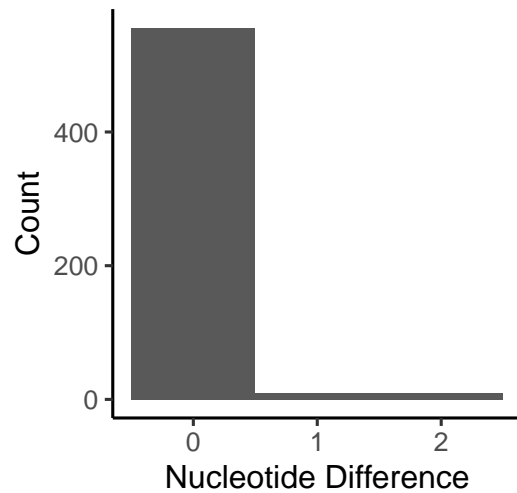
TRBV12-2*01

100 sequences assigned
90 (90%) exact matches, in which:
84 unique CDR3
12 unique J



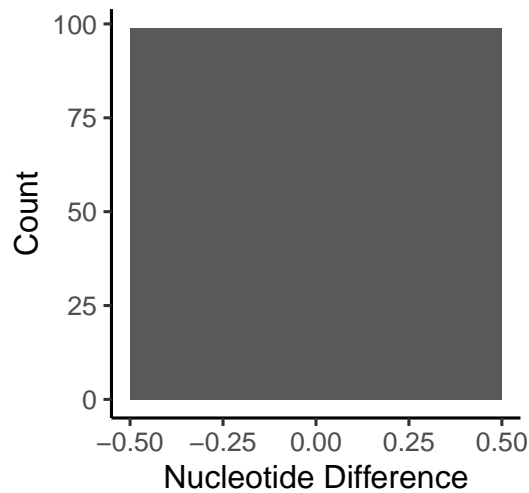
TRBV12-3*01

575 sequences assigned
556 (96.7%) exact matches, in which:
551 unique CDR3
14 unique J



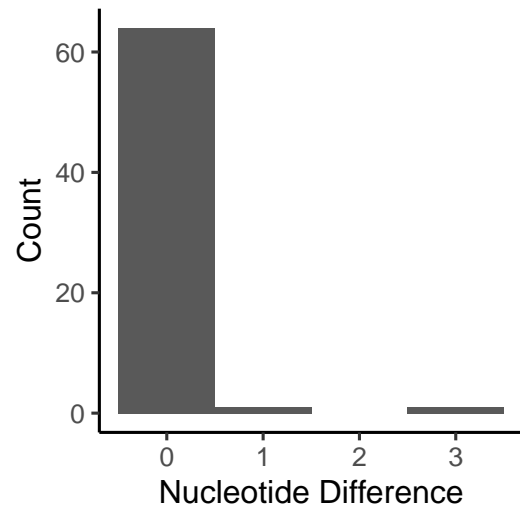
TRBV12-5*01_C28G_T1

99 sequences assigned
99 (100%) exact matches, in which:
99 unique CDR3
12 unique J



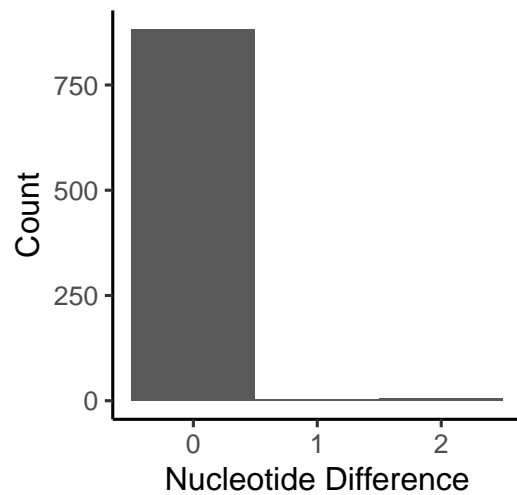
TRBV3-2*02

66 sequences assigned
64 (97%) exact matches, in which:
64 unique CDR3
10 unique J



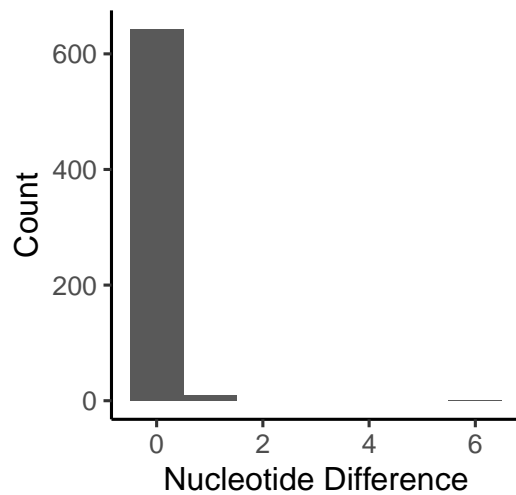
TRBV12-4*01

893 sequences assigned
883 (98.9%) exact matches, in which:
882 unique CDR3
14 unique J



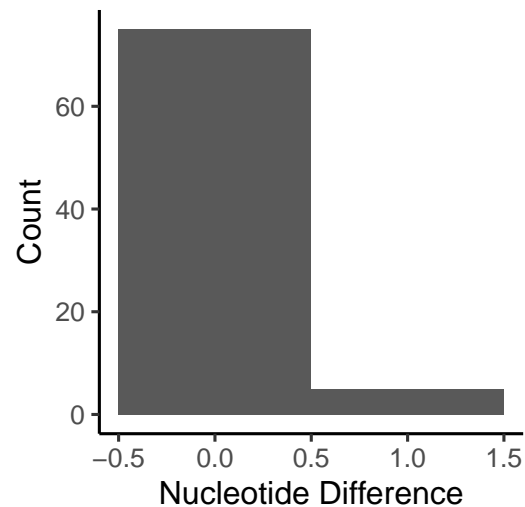
TRBV3-1*01

654 sequences assigned
643 (98.3%) exact matches, in which:
641 unique CDR3
14 unique J



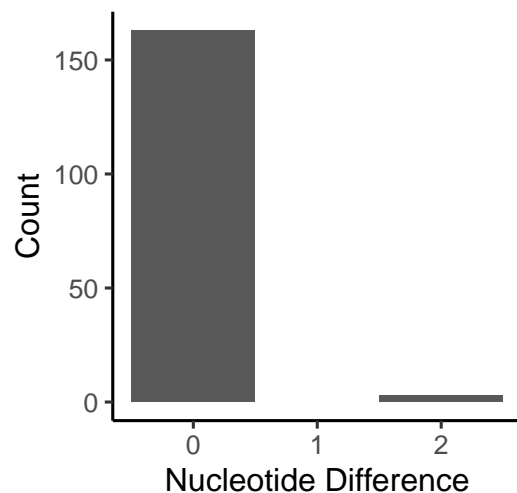
TRBV3-2*01_G224A

80 sequences assigned
75 (93.8%) exact matches, in which:
75 unique CDR3
11 unique J



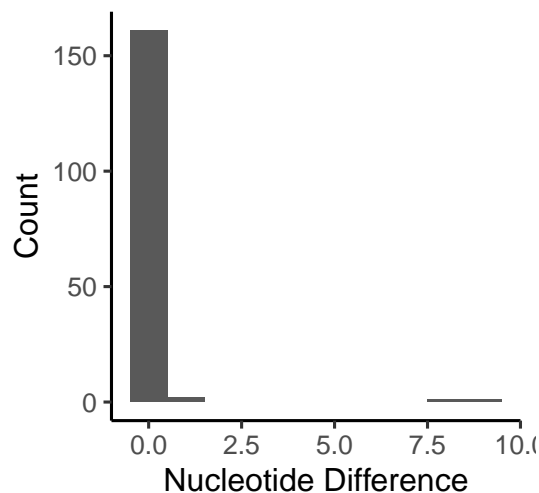
TRBV12-5*01

166 sequences assigned
163 (98.2%) exact matches, in which:
163 unique CDR3
13 unique J



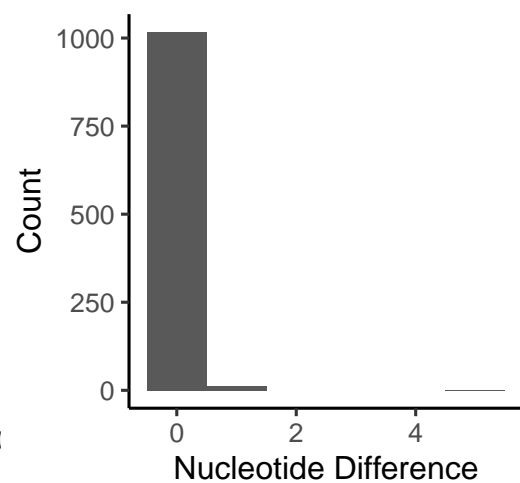
TRBV23-1*01

166 sequences assigned
161 (97%) exact matches, in which:
157 unique CDR3
14 unique J



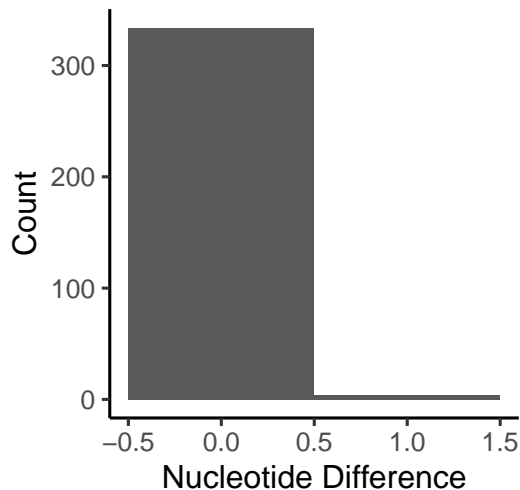
TRBV4-1*01

1030 sequences assigned
1017 (98.7%) exact matches, in which:
1010 unique CDR3
14 unique J



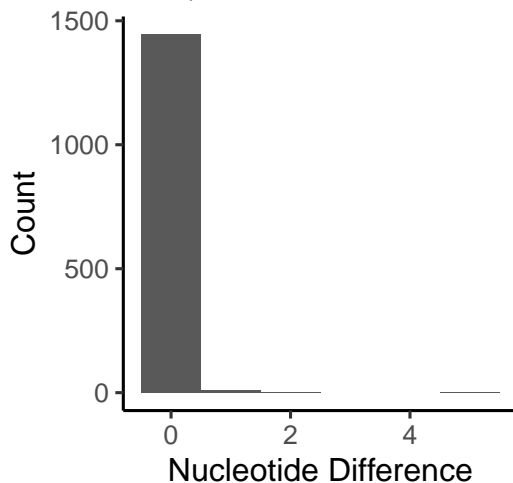
TRBV24–1*01

338 sequences assigned
334 (98.8%) exact matches, in which:
334 unique CDR3
13 unique J



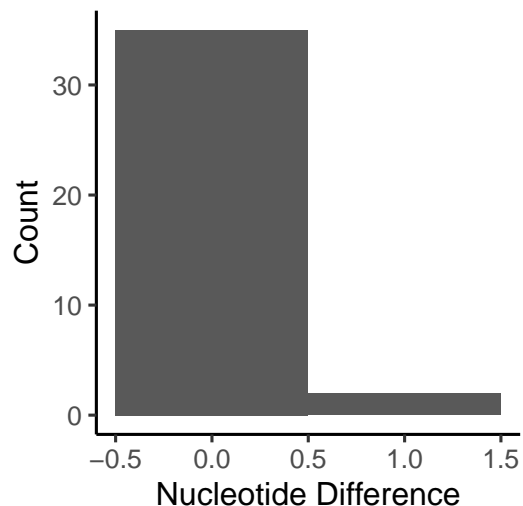
TRBV4–3*01

1458 sequences assigned
1445 (99.1%) exact matches, in which:
1427 unique CDR3
14 unique J



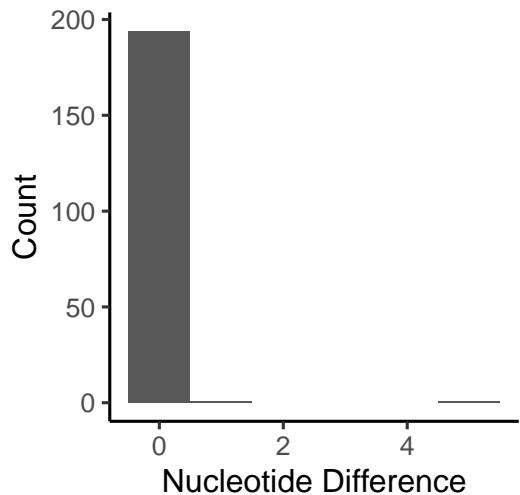
TRBV5–3*01

37 sequences assigned
35 (94.6%) exact matches, in which:
35 unique CDR3
11 unique J



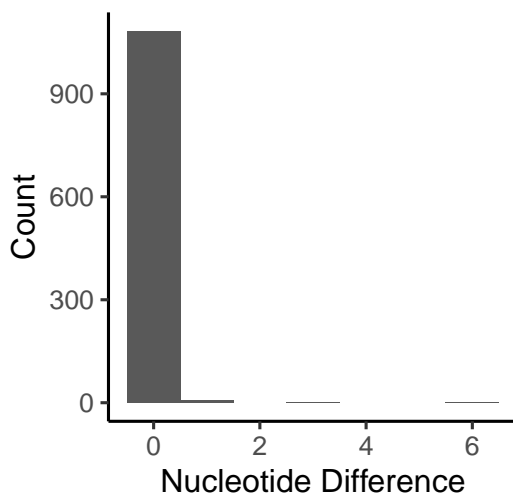
TRBV24–1*02

196 sequences assigned
194 (99%) exact matches, in which:
194 unique CDR3
13 unique J



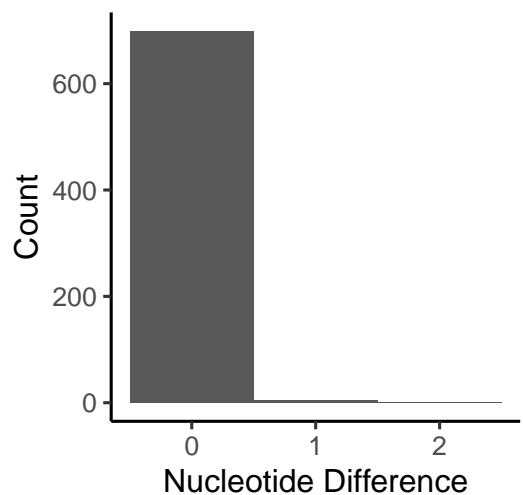
TRBV5–1*01

1093 sequences assigned
1083 (99.1%) exact matches, in which:
1081 unique CDR3
14 unique J



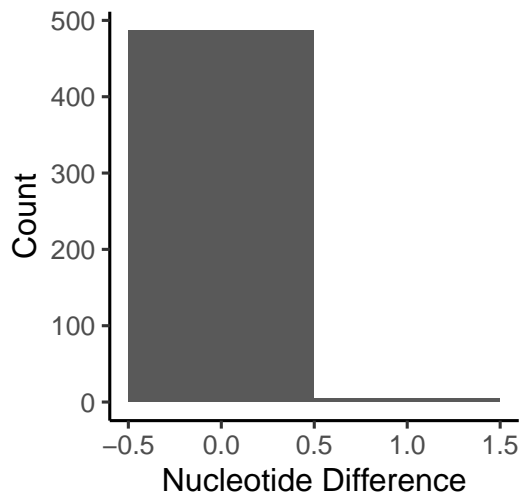
TRBV5–4*01

704 sequences assigned
699 (99.3%) exact matches, in which:
685 unique CDR3
14 unique J



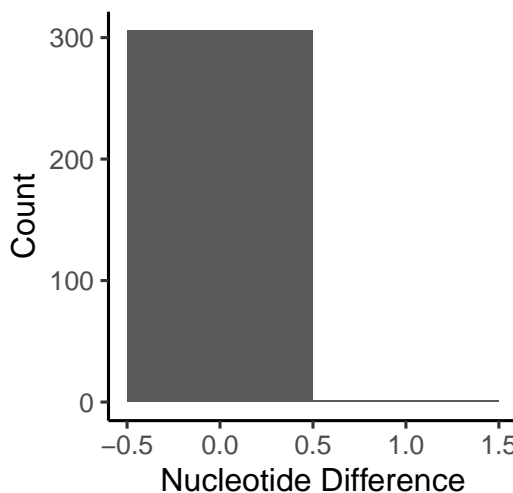
TRBV4–2*01

492 sequences assigned
487 (99%) exact matches, in which:
484 unique CDR3
14 unique J



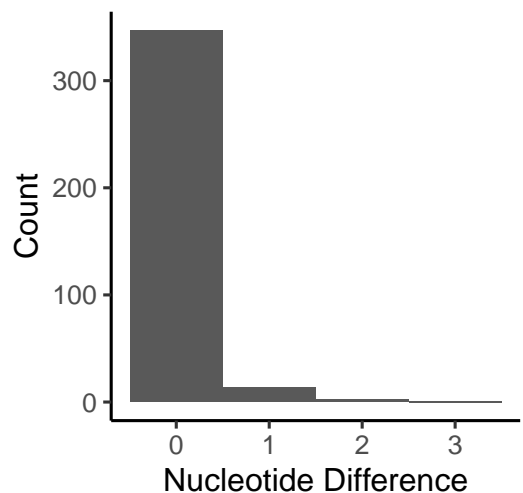
TRBV25–1*01

307 sequences assigned
306 (99.7%) exact matches, in which:
306 unique CDR3
14 unique J



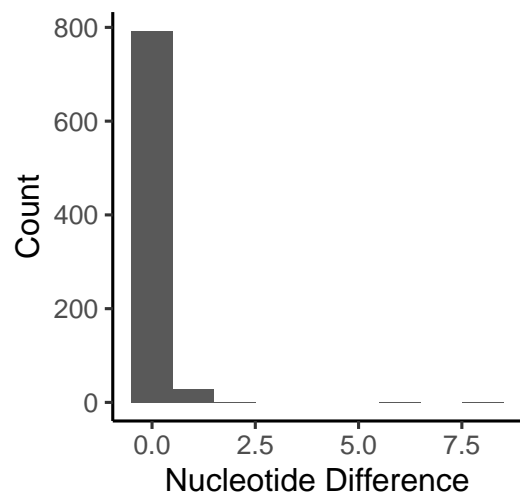
TRBV5–5*02_322TTGG3

364 sequences assigned
347 (95.3%) exact matches, in which:
314 unique CDR3
14 unique J



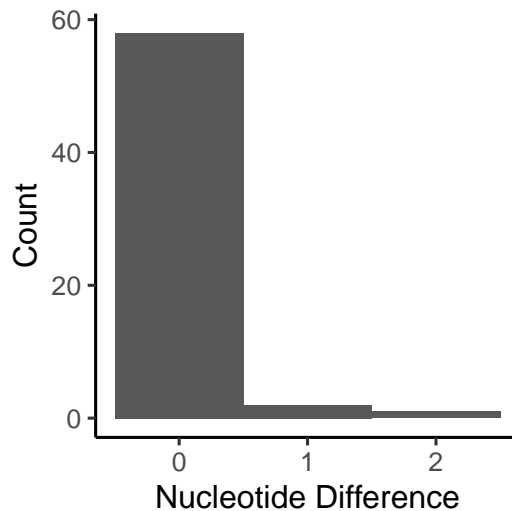
TRBV5-6*01

824 sequences assigned
793 (96.2%) exact matches, in which:
782 unique CDR3
14 unique J



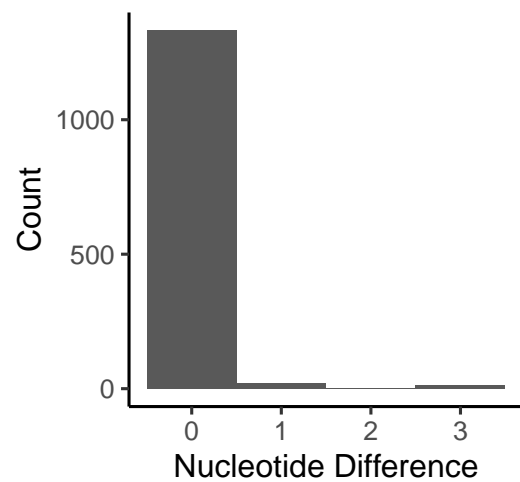
TRBV5-8*01_C56T_C276

61 sequences assigned
58 (95.1%) exact matches, in which:
58 unique CDR3
10 unique J



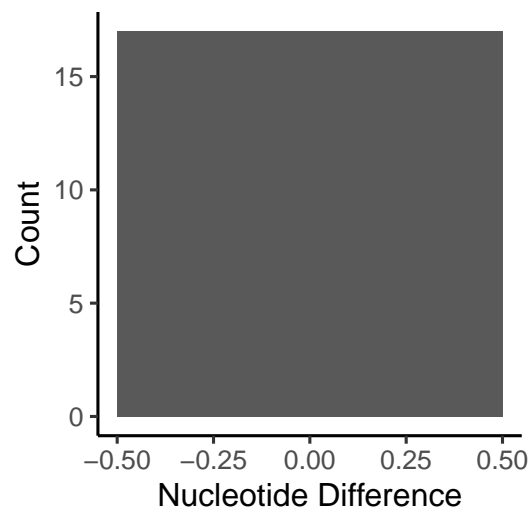
TRBV6-5*01

1370 sequences assigned
1332 (97.2%) exact matches, in which:
1311 unique CDR3
14 unique J



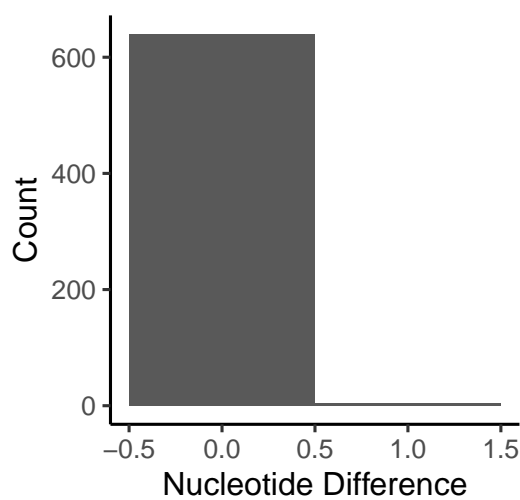
TRBV5-7*01

17 sequences assigned
17 (100%) exact matches, in which:
15 unique CDR3
9 unique J



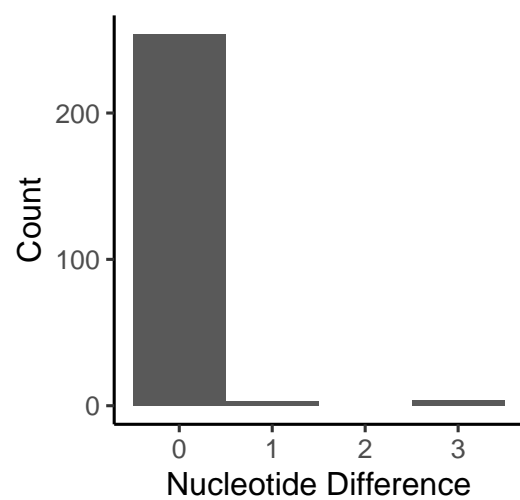
TRBV6-1*01

644 sequences assigned
640 (99.4%) exact matches, in which:
637 unique CDR3
14 unique J



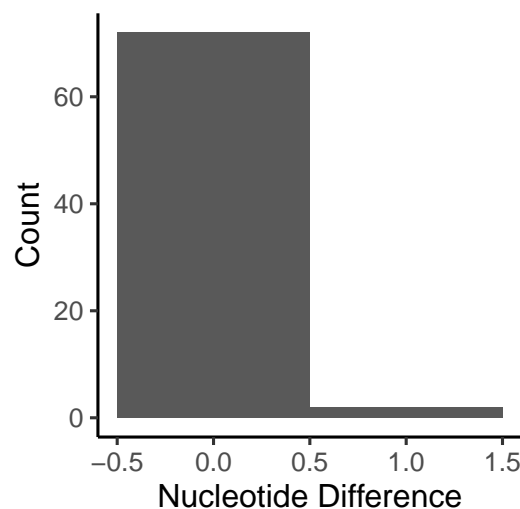
TRBV6-6*01

261 sequences assigned
254 (97.3%) exact matches, in which:
251 unique CDR3
13 unique J



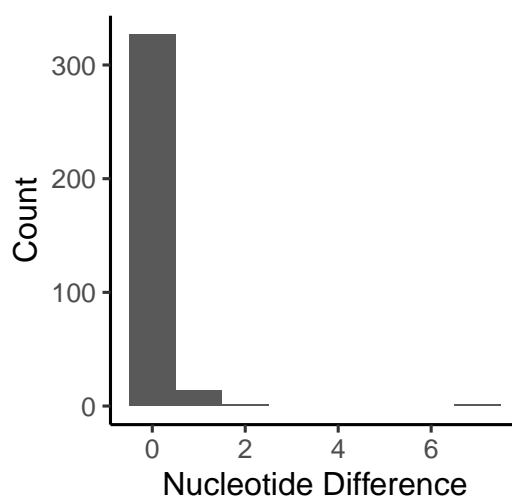
TRBV5-8*01

74 sequences assigned
72 (97.3%) exact matches, in which:
72 unique CDR3
12 unique J



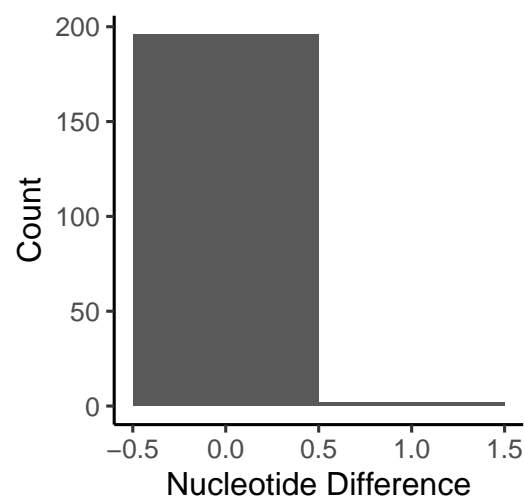
TRBV6-4*01

343 sequences assigned
327 (95.3%) exact matches, in which:
325 unique CDR3
14 unique J



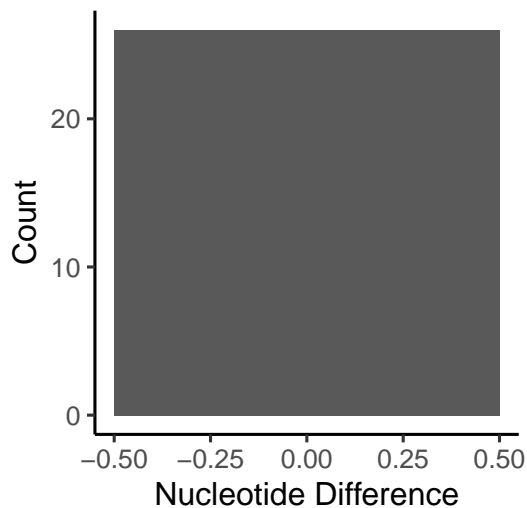
TRBV6-6*02

198 sequences assigned
196 (99%) exact matches, in which:
195 unique CDR3
13 unique J



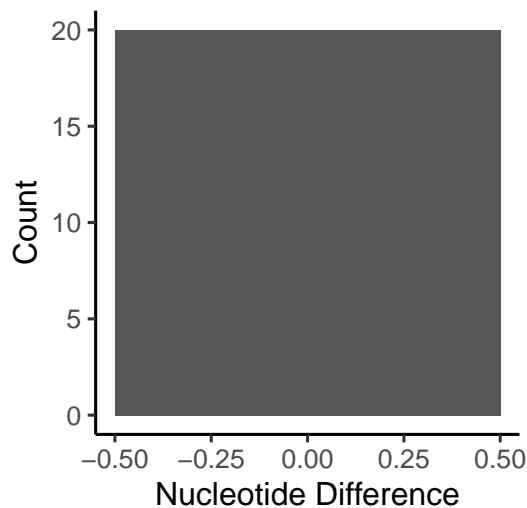
TRBV6-7*01

26 sequences assigned
26 (100%) exact matches, in which:
26 unique CDR3
9 unique J



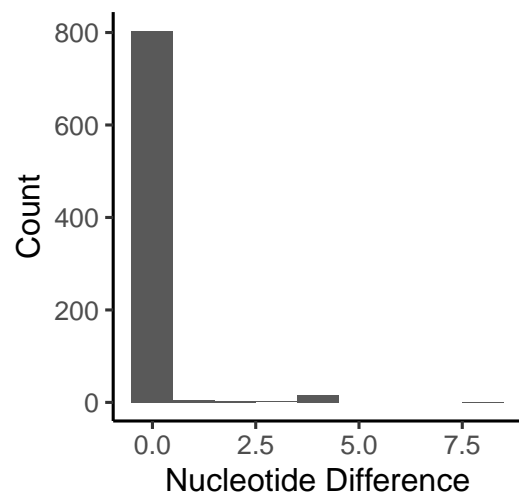
TRBV6-9*01_A303G

20 sequences assigned
20 (100%) exact matches, in which:
20 unique CDR3
10 unique J



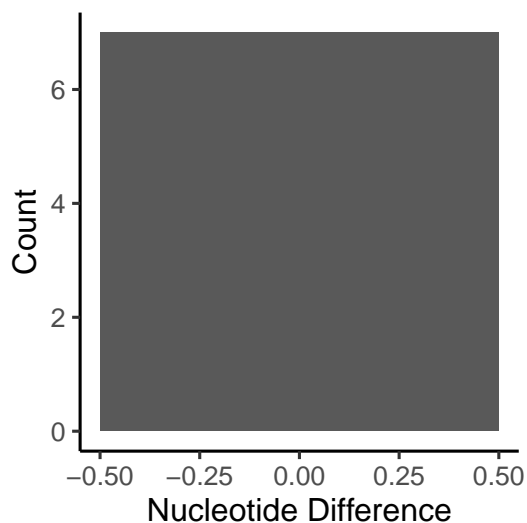
TRBV7-3*01

831 sequences assigned
804 (96.8%) exact matches, in which:
794 unique CDR3
14 unique J



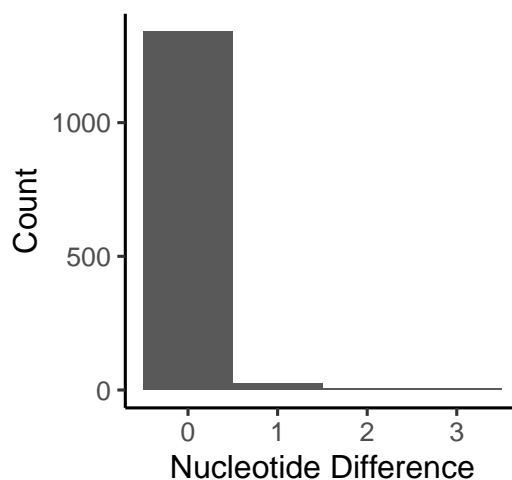
TRBV6-8*01

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



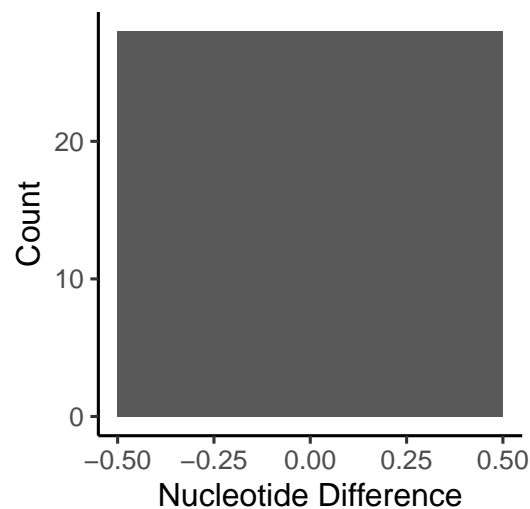
TRBV6-23*01

1375 sequences assigned
1340 (97.5%) exact matches, in which:
1335 unique CDR3
14 unique J



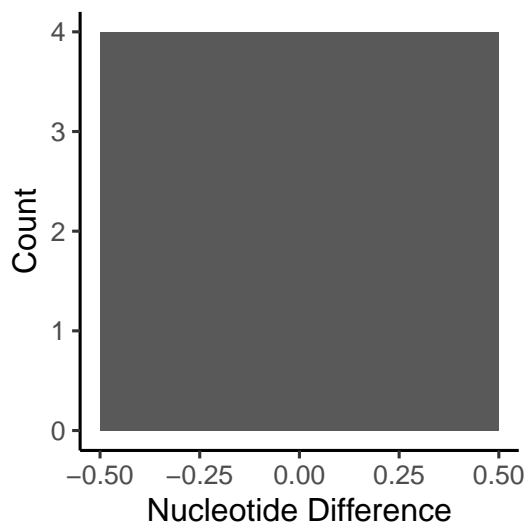
TRBV7-4*01

28 sequences assigned
28 (100%) exact matches, in which:
28 unique CDR3
11 unique J



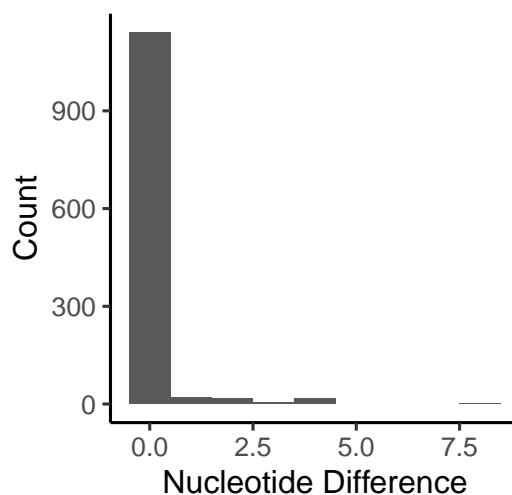
TRBV6-9*01

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



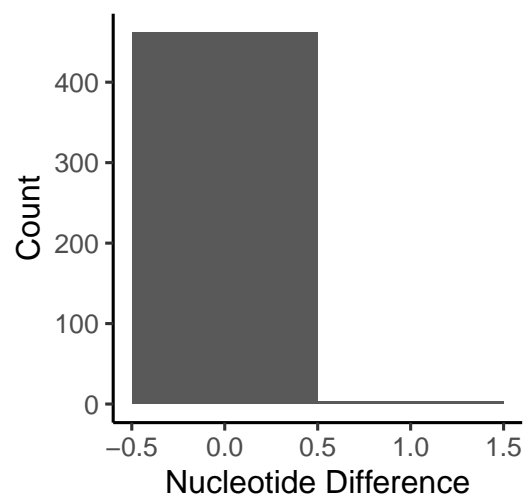
TRBV7-2*01

1200 sequences assigned
1141 (95.1%) exact matches, in which:
1132 unique CDR3
14 unique J



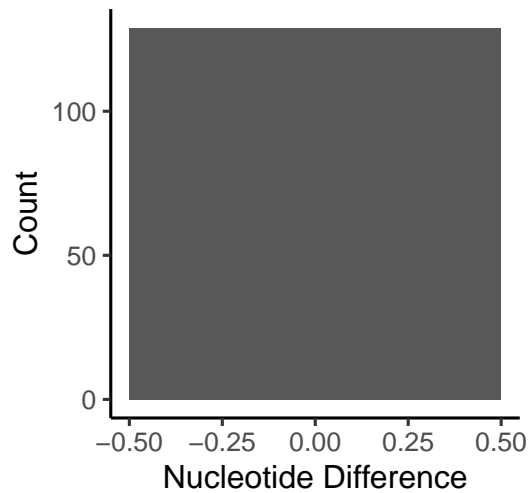
TRBV7-6*01

466 sequences assigned
462 (99.1%) exact matches, in which:
449 unique CDR3
14 unique J



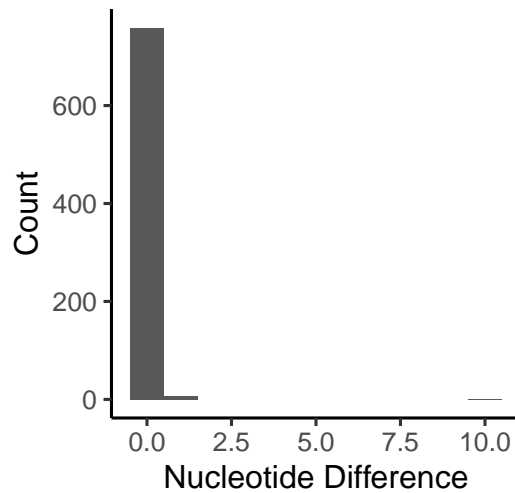
TRBV7-7*01

129 sequences assigned
129 (100%) exact matches, in which:
127 unique CDR3
12 unique J



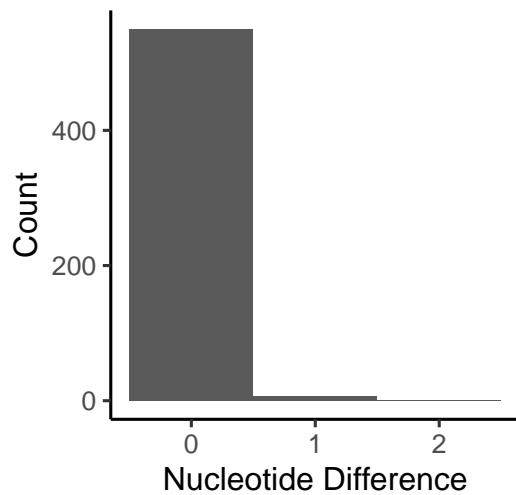
TRBV29-1*01

767 sequences assigned
759 (99%) exact matches, in which:
745 unique CDR3
14 unique J



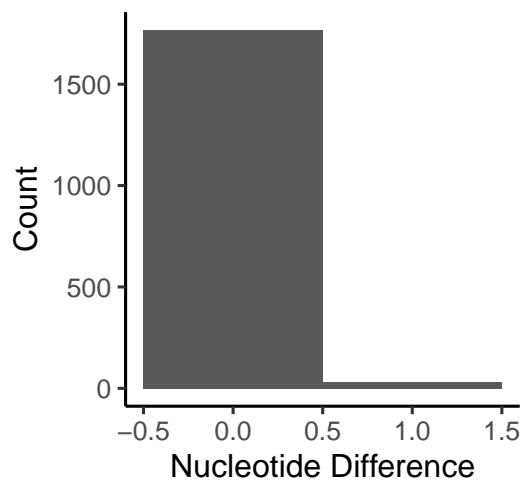
TRBV7-8*01

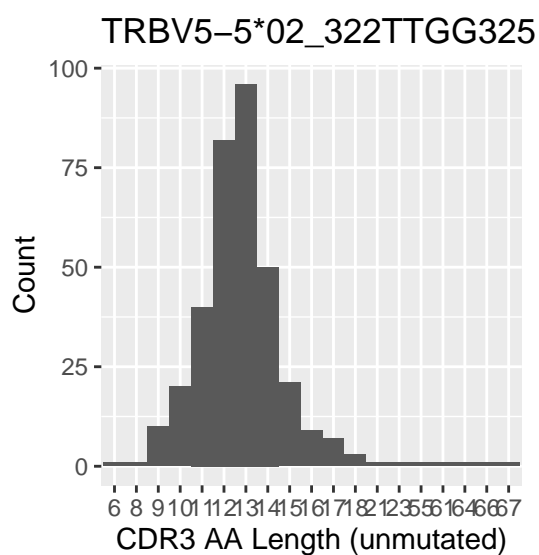
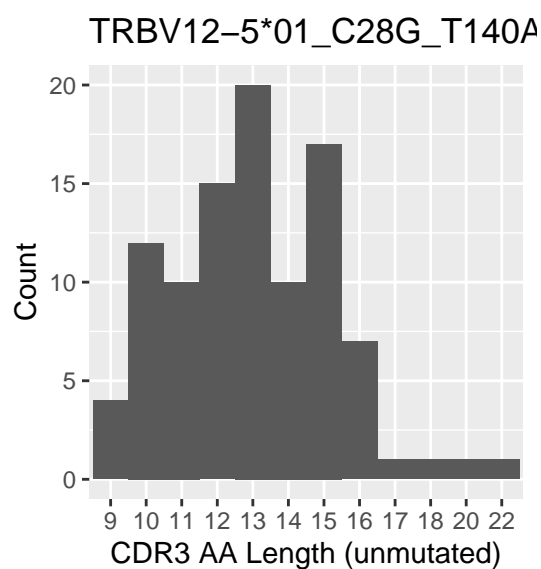
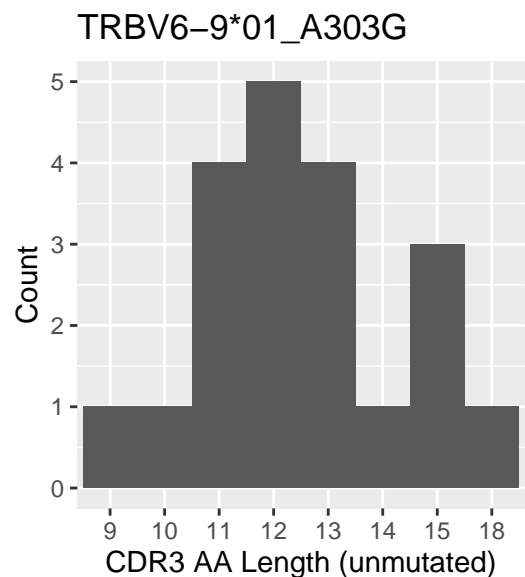
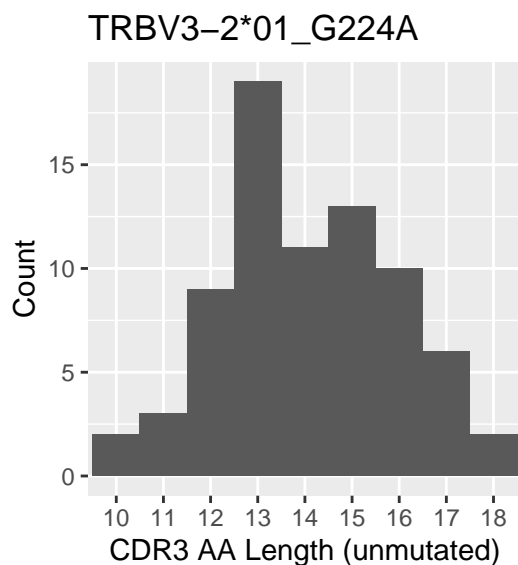
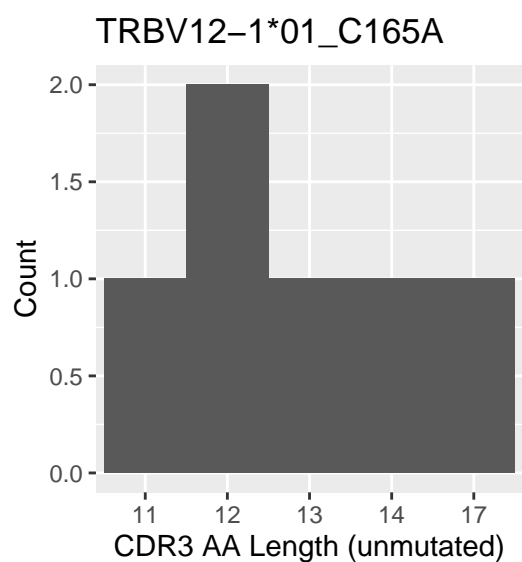
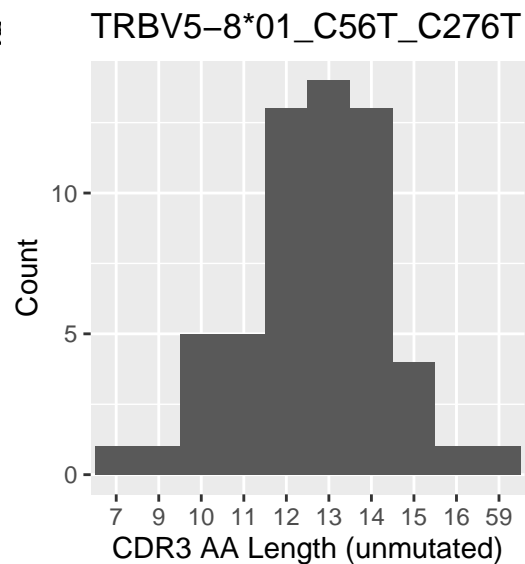
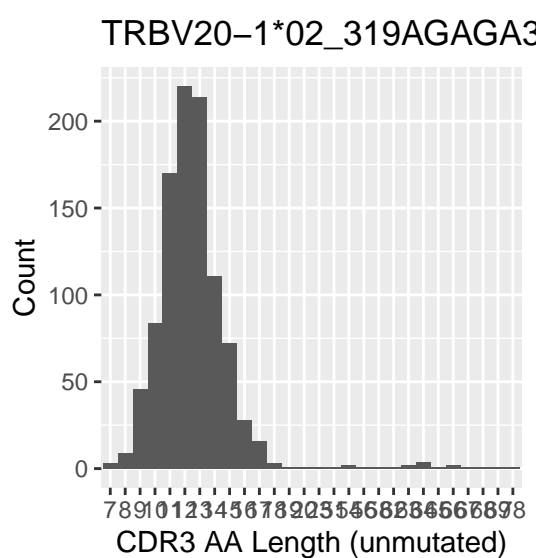
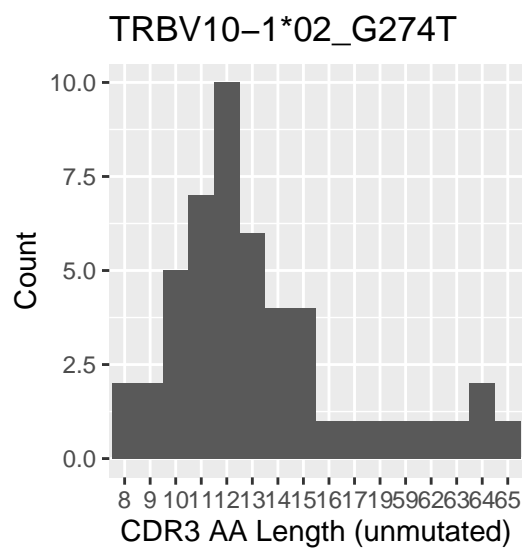
557 sequences assigned
550 (98.7%) exact matches, in which:
547 unique CDR3
14 unique J



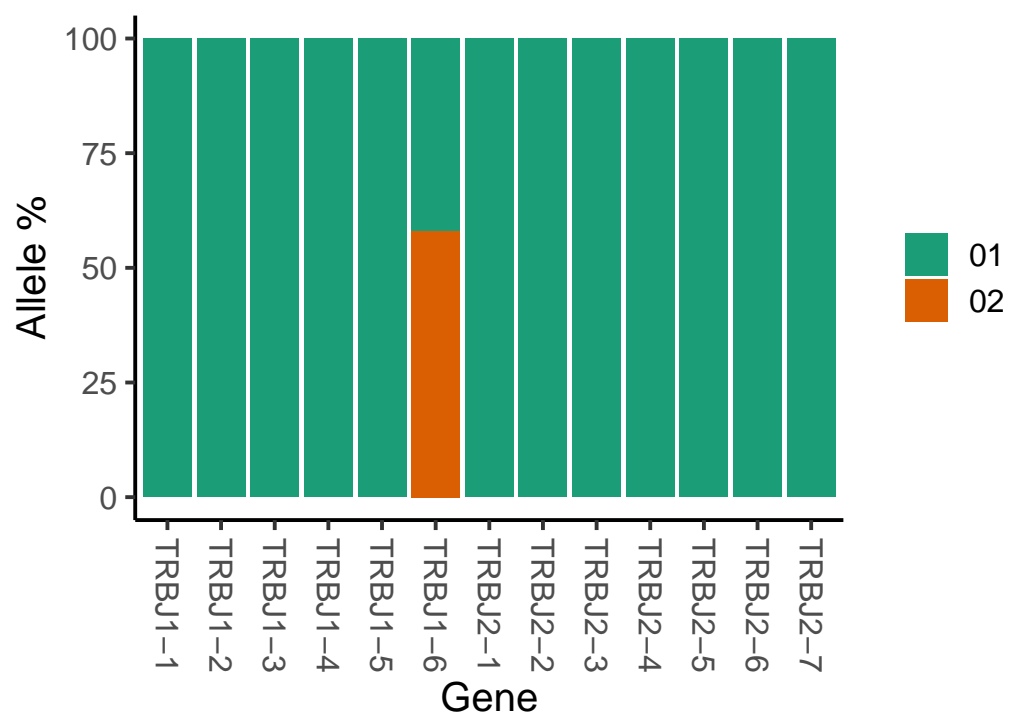
TRBV7-9*01

1797 sequences assigned
1767 (98.3%) exact matches, in which:
1742 unique CDR3
14 unique J





Allele Usage



Sequence Count by TRBJ1–6 allele usage



Warning – no inferred sequences found.

Warning – no inferred sequences found.