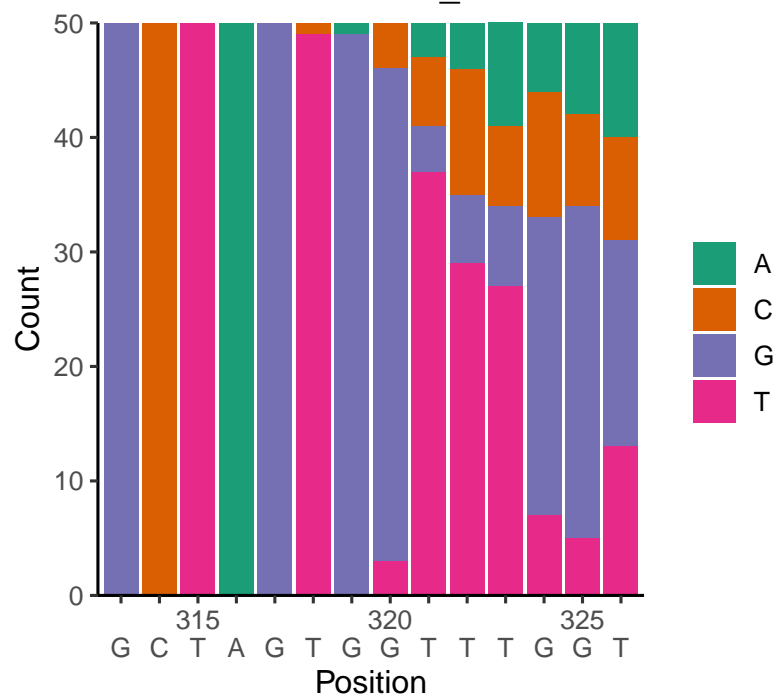
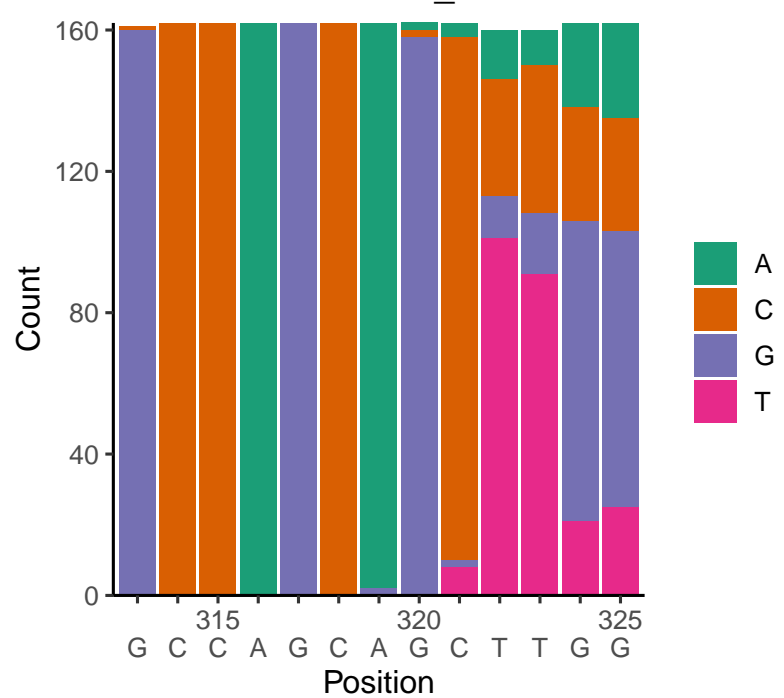


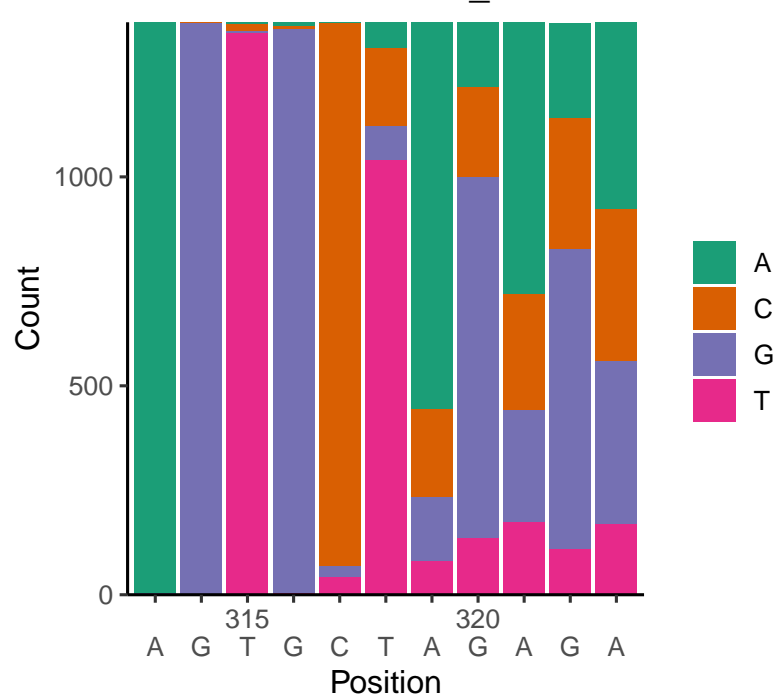
Gene TRBV12-5*01_C28G



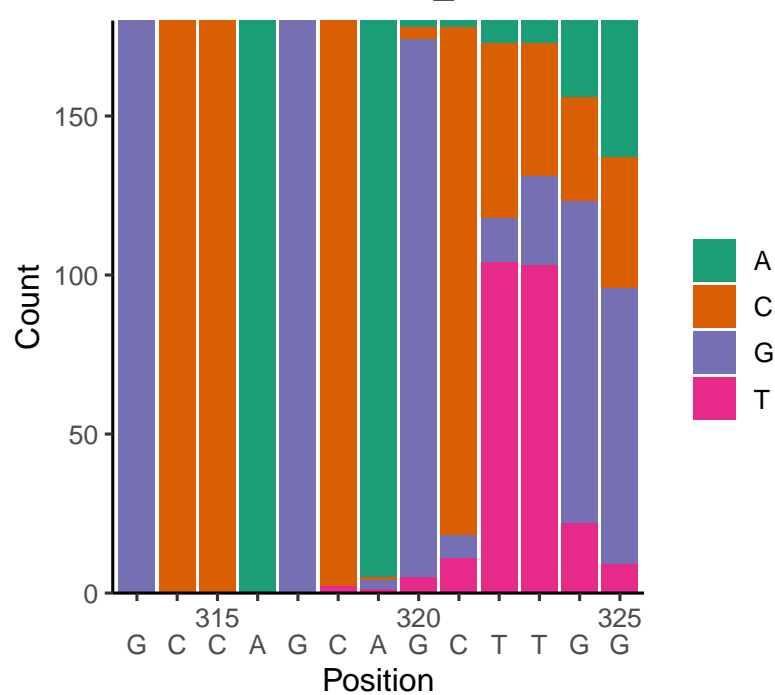
Gene TRBV5-6*01_T284G



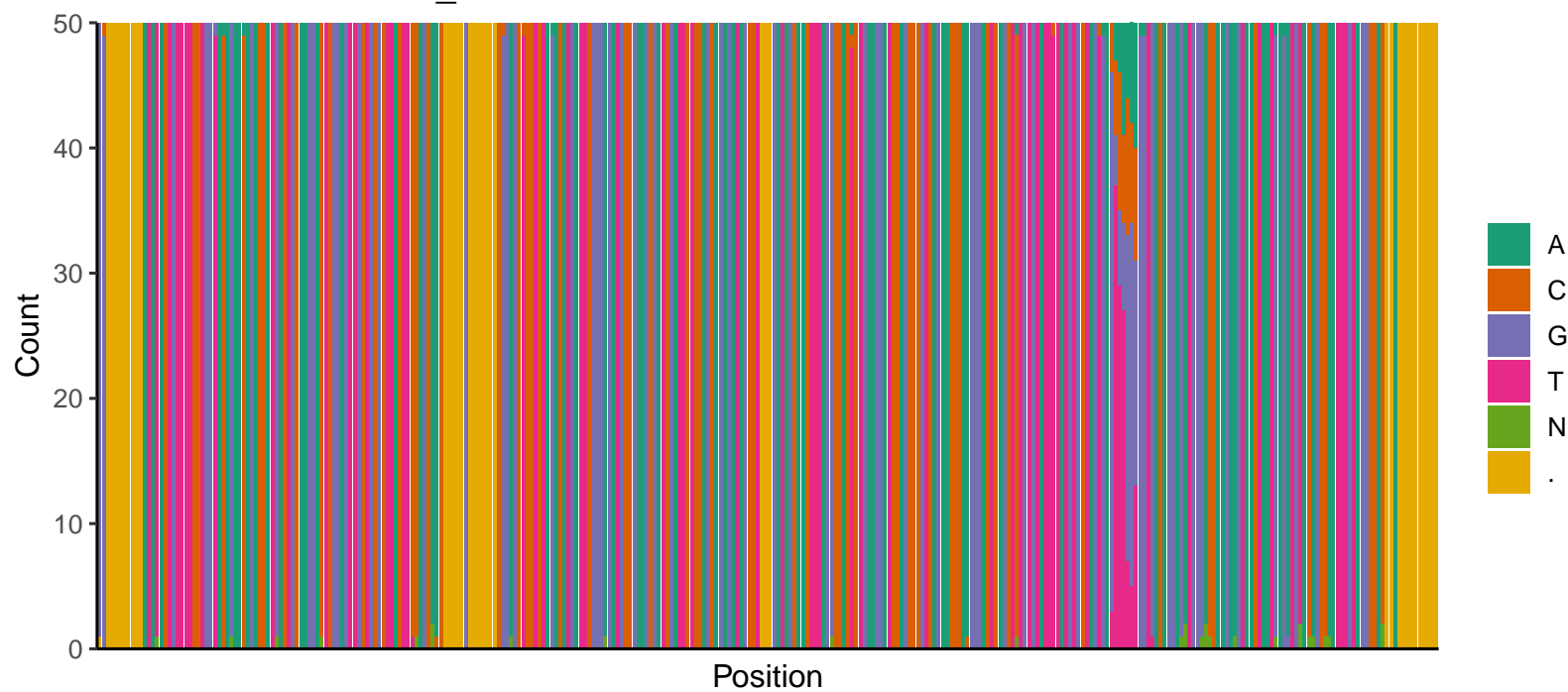
Gene TRBV20-1*02_319AGAGA323



Gene TRBV5-5*02_322TTGG325



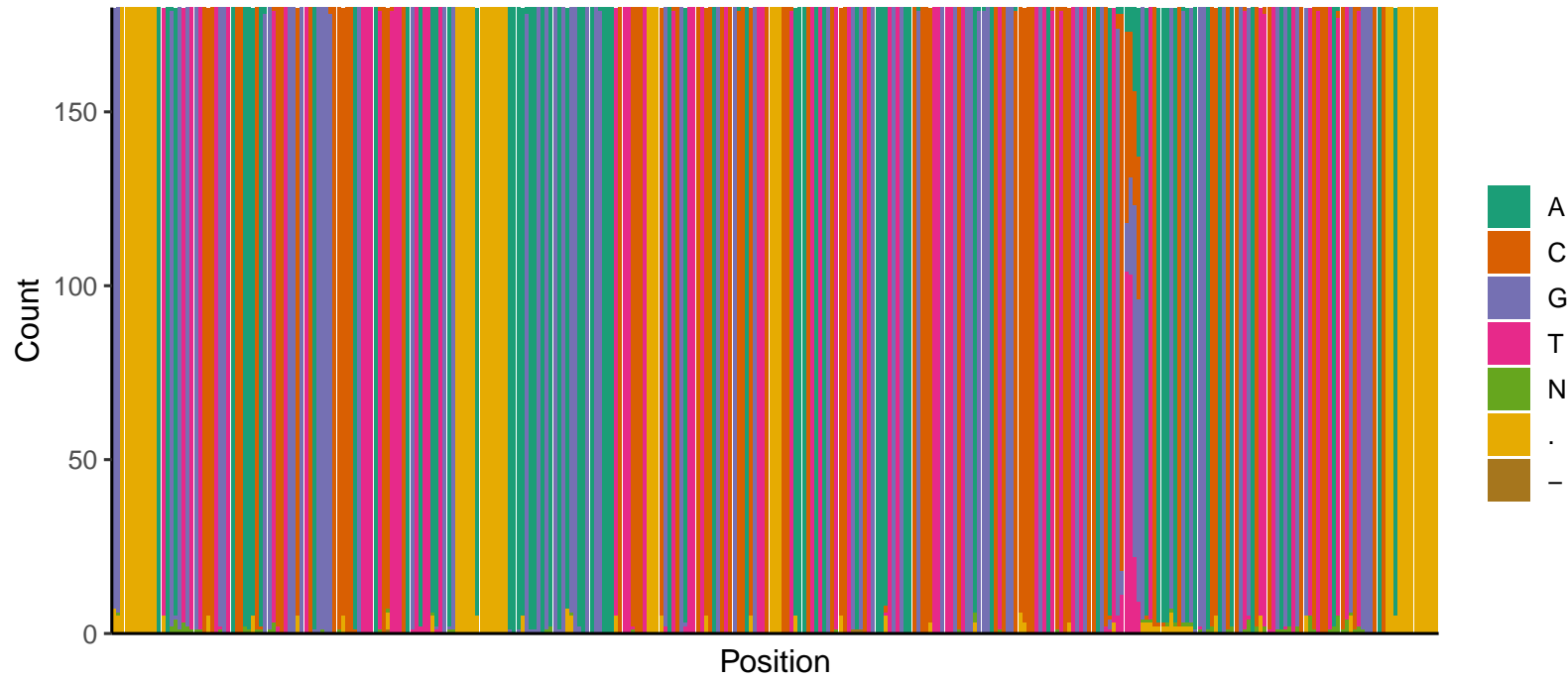
Gene TRBV12-5*01_C28G



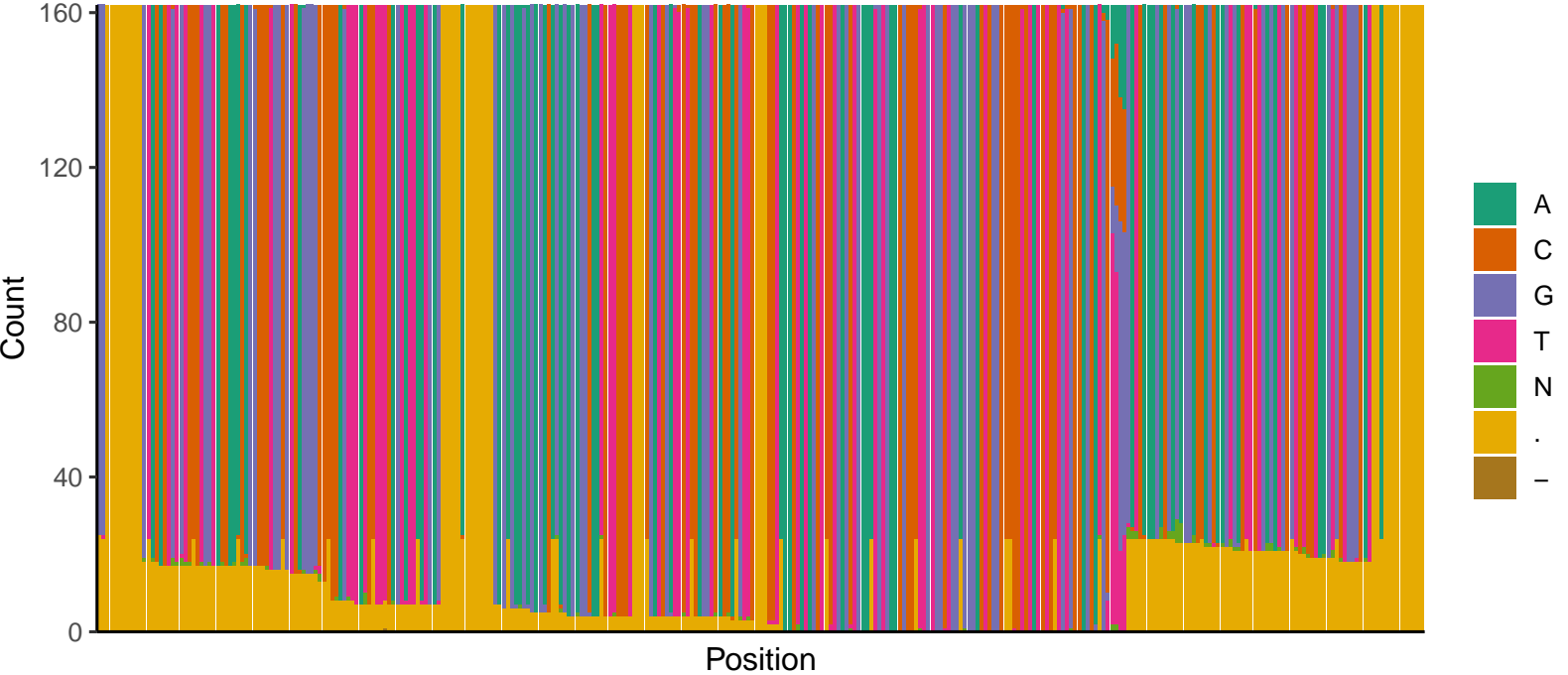
Gene TRBV20-1*02_319AGAGA323



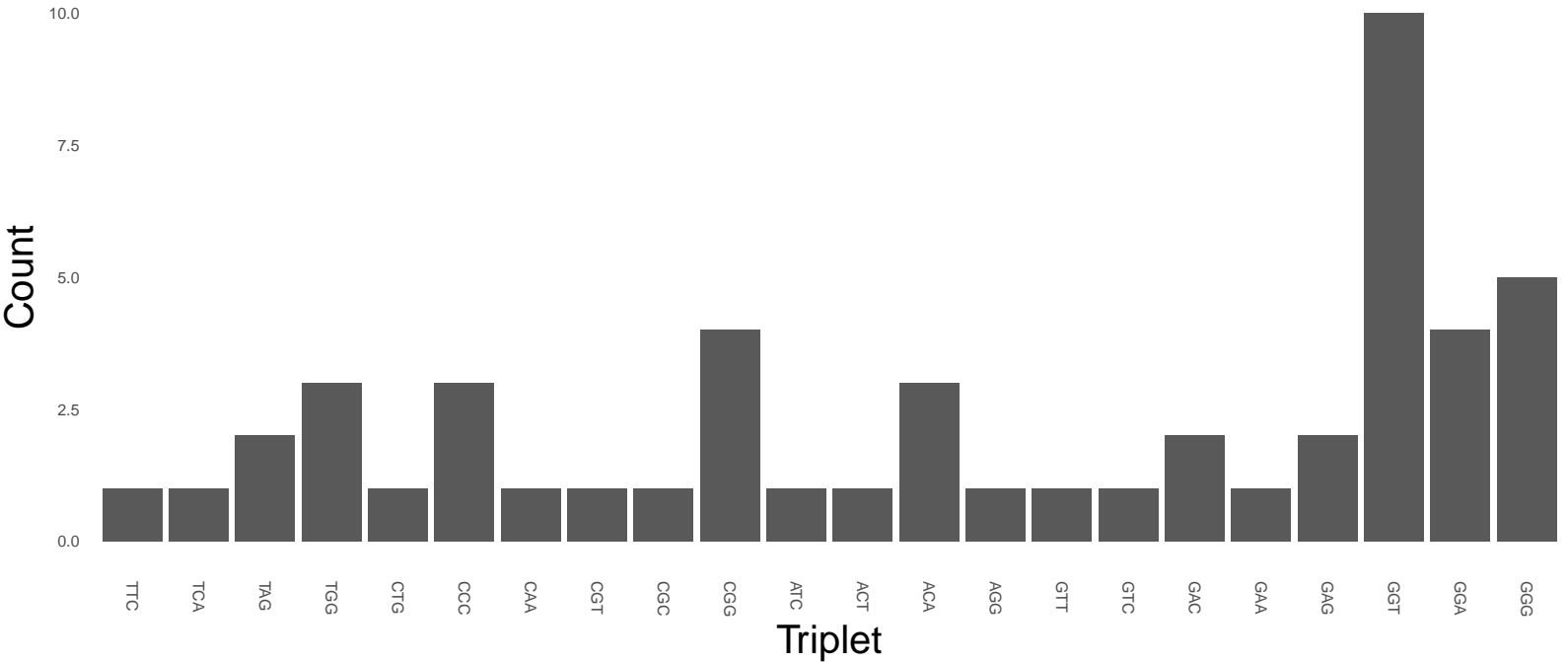
Gene TRBV5-5*02_322TTGG325



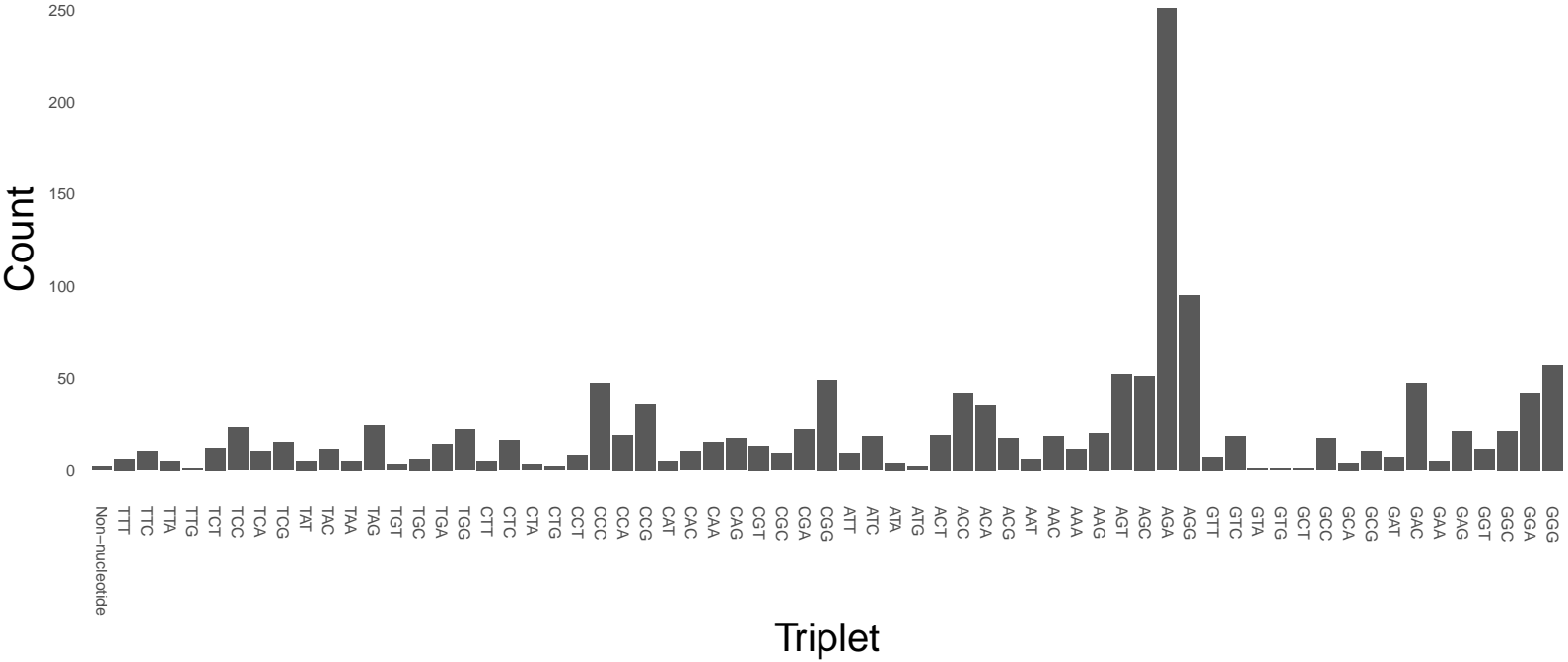
Gene TRBV5-6*01_T284G



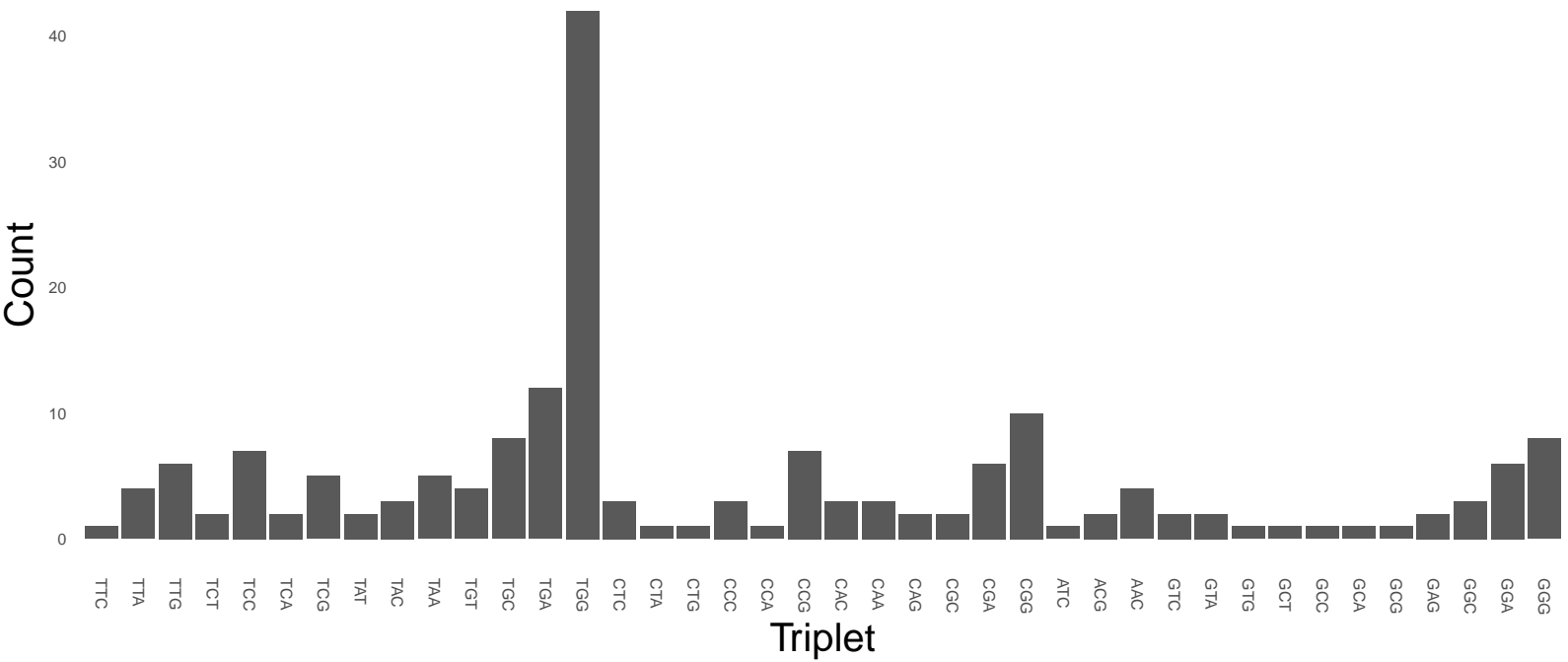
TRBV12–5*01_C28G– Final 3 nucleotides as a triplet



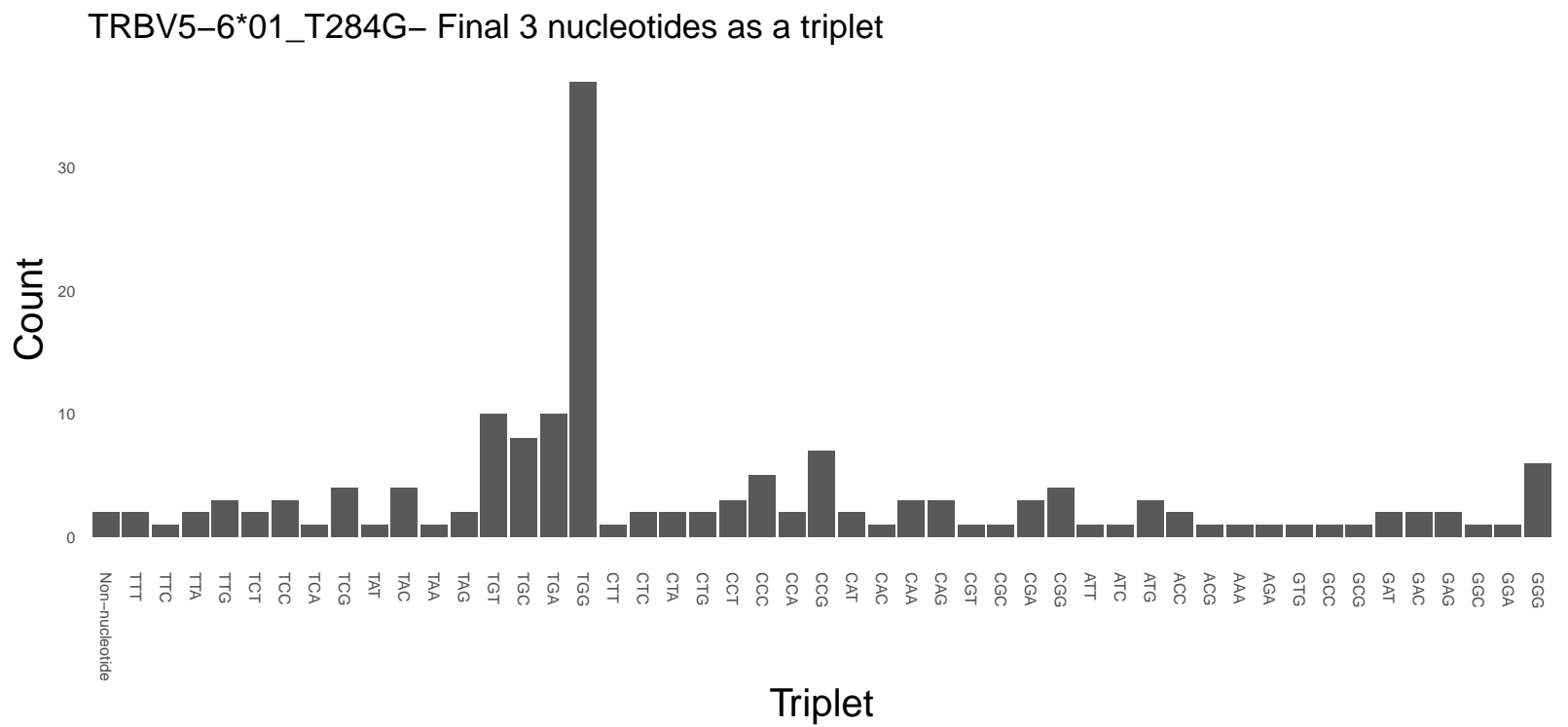
TRBV20–1*02_319AGAGA323– Final 3 nucleotides as a triplet



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

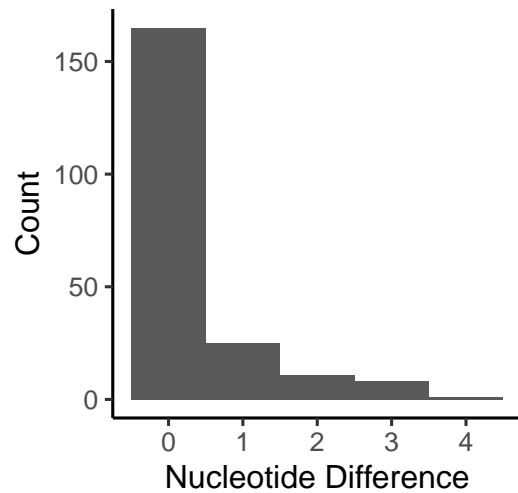


TRBV5-6*01_T284G- Final 3 nucleotides as a triplet



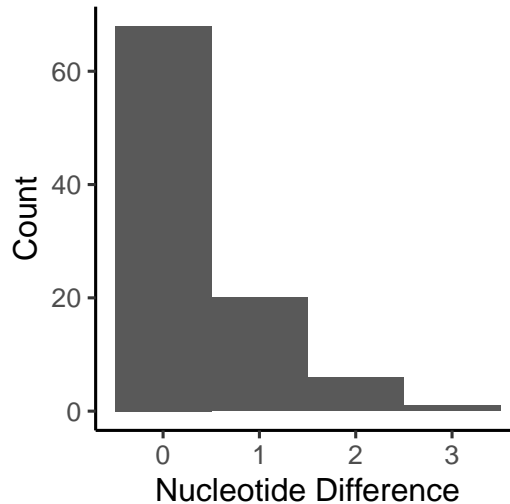
TRBV10-1*01

210 sequences assigned
165 (78.6%) exact matches, in which:
160 unique CDR3
14 unique J



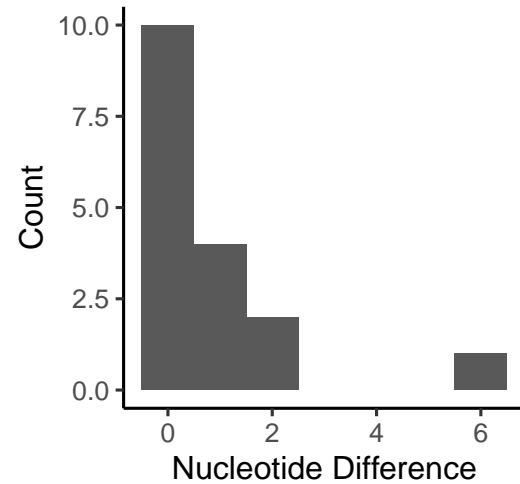
TRBV10-2*01

95 sequences assigned
68 (71.6%) exact matches, in which:
68 unique CDR3
12 unique J



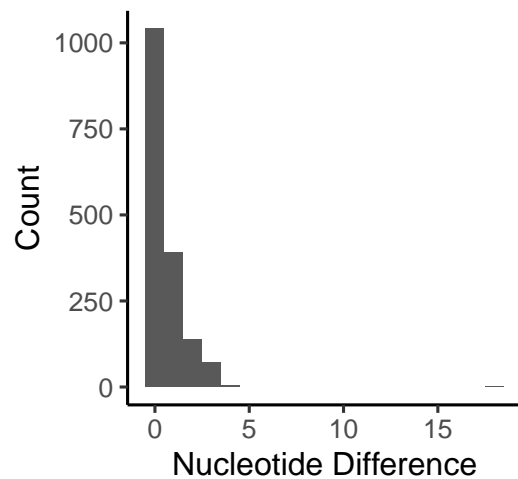
TRBV1*01

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



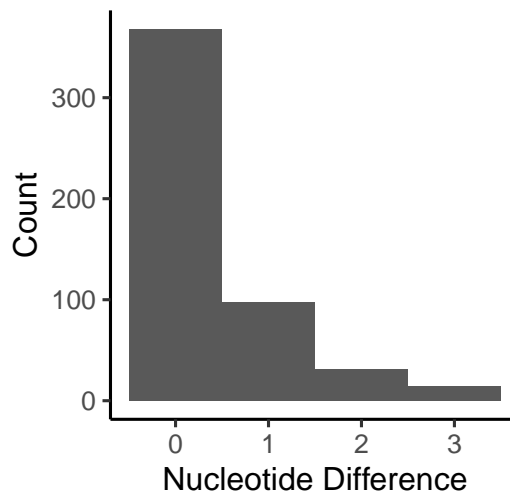
TRBV20-1*01

1643 sequences assigned
1041 (63.4%) exact matches, in which:
1002 unique CDR3
13 unique J



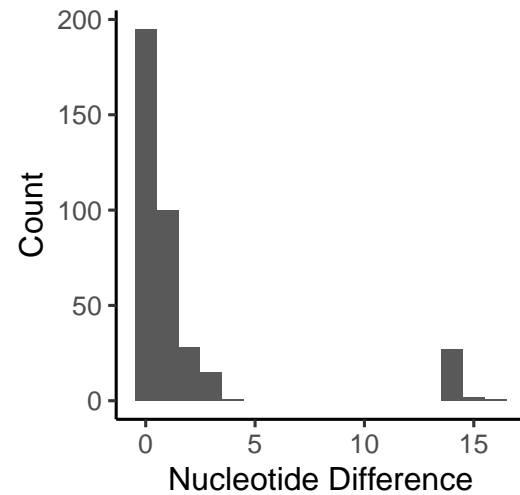
TRBV10-3*01

511 sequences assigned
368 (72%) exact matches, in which:
355 unique CDR3
13 unique J



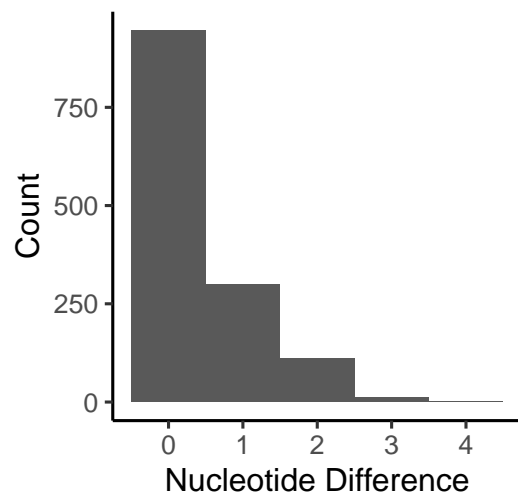
TRBV13*01

369 sequences assigned
195 (52.8%) exact matches, in which:
170 unique CDR3
13 unique J



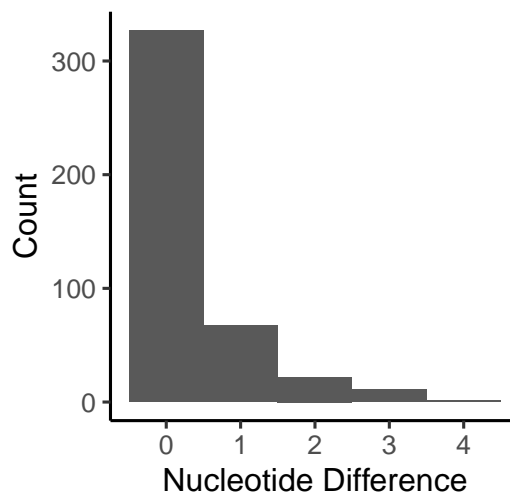
TRBV20-1*02_319AGAG

1370 sequences assigned
946 (69.1%) exact matches, in which:
923 unique CDR3
13 unique J



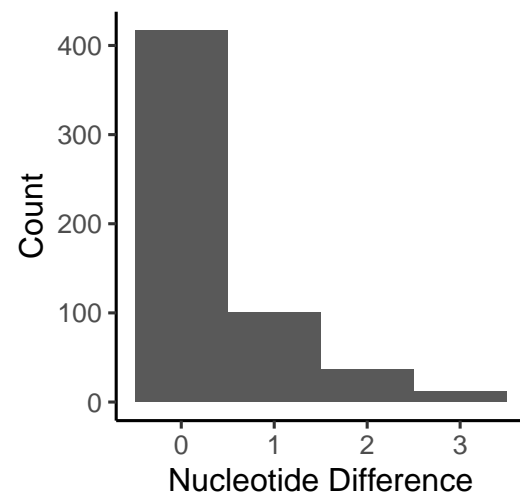
TRBV10-3*02

428 sequences assigned
327 (76.4%) exact matches, in which:
314 unique CDR3
13 unique J



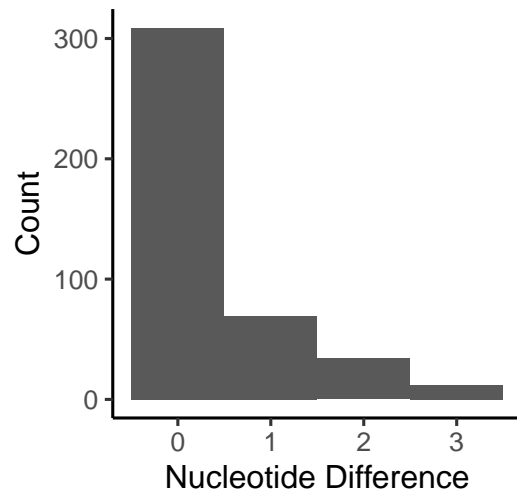
TRBV14*01

567 sequences assigned
417 (73.5%) exact matches, in which:
389 unique CDR3
14 unique J



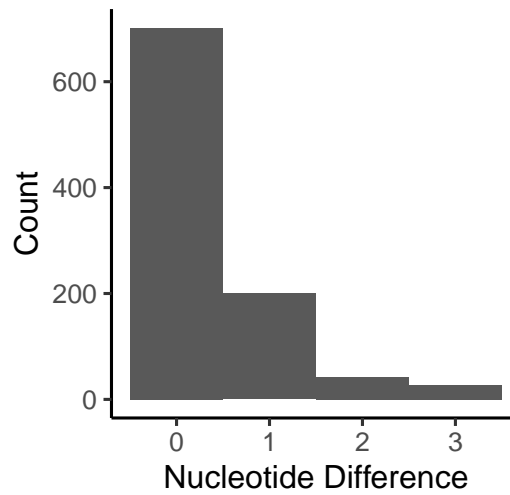
TRBV15*02

424 sequences assigned
309 (72.9%) exact matches, in which:
302 unique CDR3
14 unique J



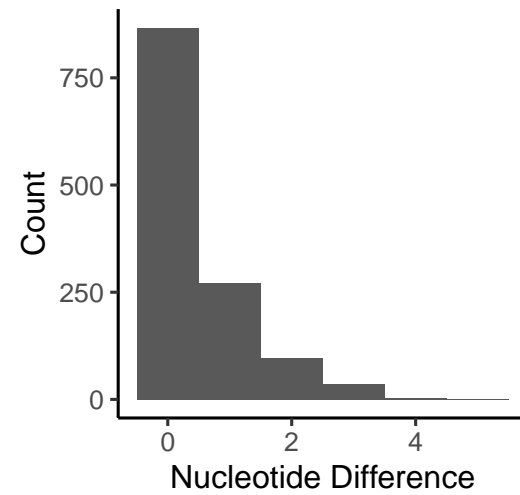
TRBV19*01

972 sequences assigned
702 (72.2%) exact matches, in which:
680 unique CDR3
14 unique J



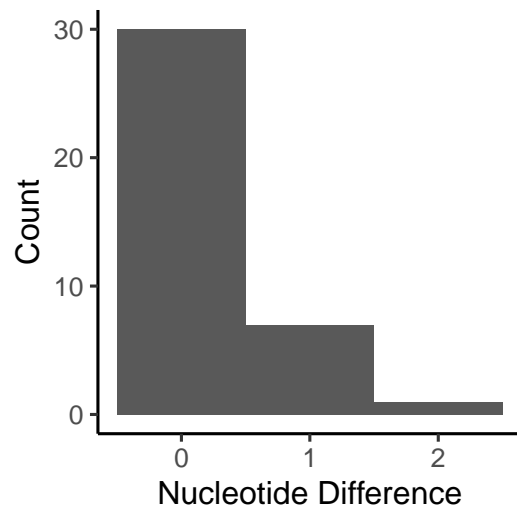
TRBV28*01

1276 sequences assigned
867 (67.9%) exact matches, in which:
795 unique CDR3
14 unique J



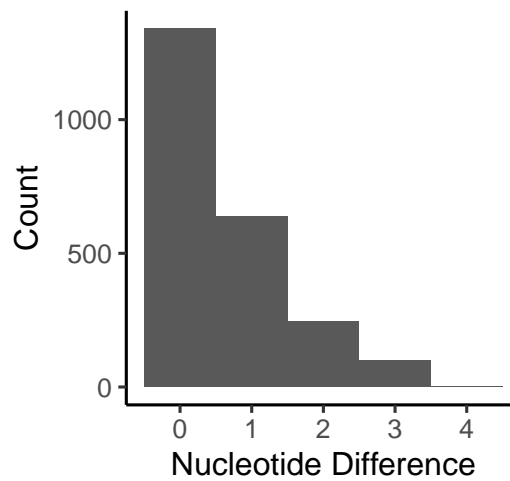
TRBV16*01

38 sequences assigned
30 (78.9%) exact matches, in which:
30 unique CDR3
12 unique J



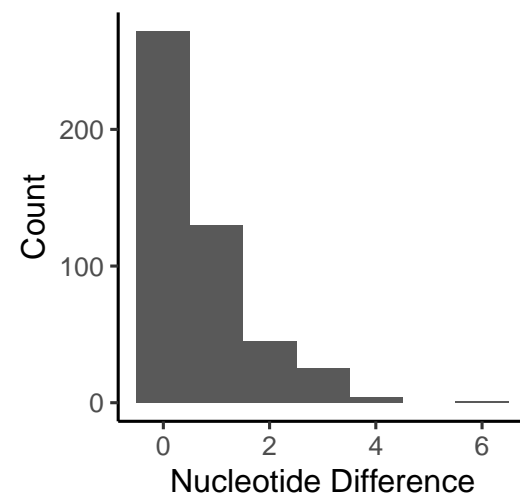
TRBV2*01

2321 sequences assigned
1340 (57.7%) exact matches, in which:
1066 unique CDR3
14 unique J



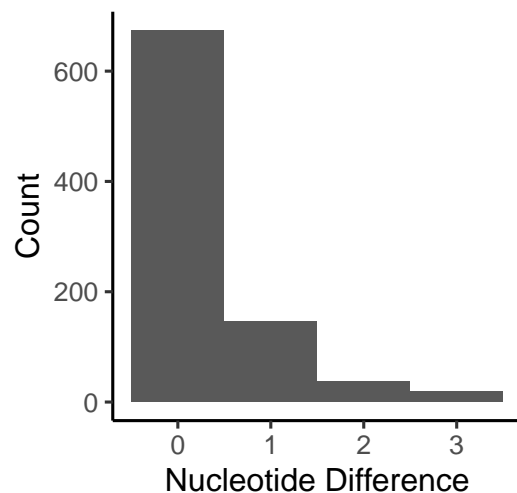
TRBV30*01

477 sequences assigned
272 (57%) exact matches, in which:
255 unique CDR3
13 unique J



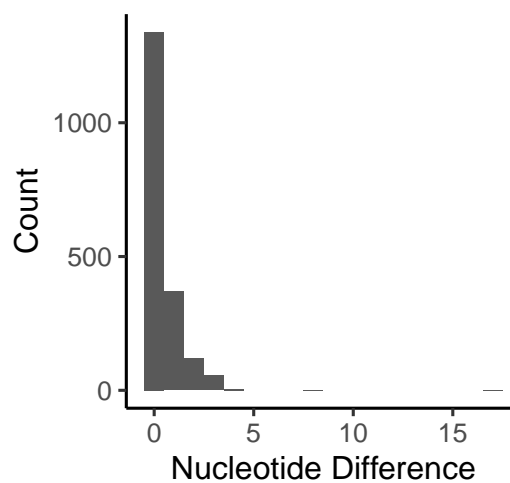
TRBV18*01

877 sequences assigned
674 (76.9%) exact matches, in which:
644 unique CDR3
14 unique J



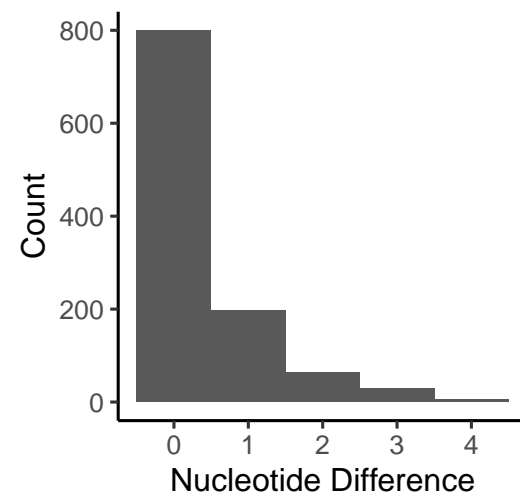
TRBV27*01

1889 sequences assigned
1339 (70.9%) exact matches, in which:
1290 unique CDR3
14 unique J



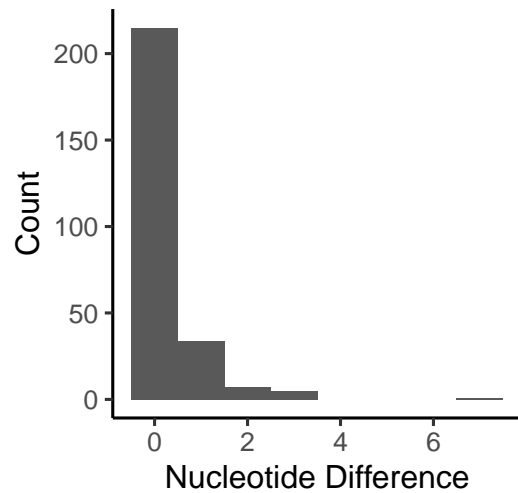
TRBV9*01

1097 sequences assigned
800 (72.9%) exact matches, in which:
782 unique CDR3
14 unique J



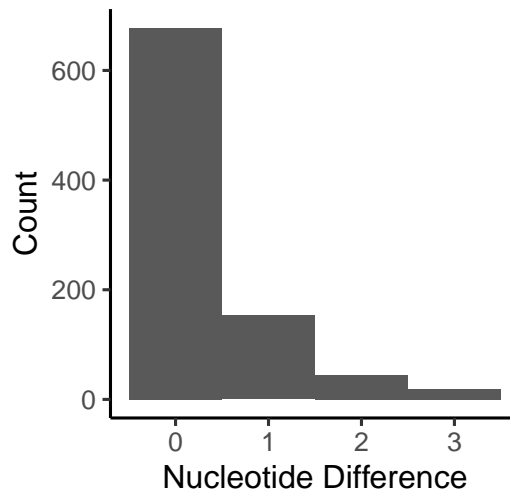
TRBV21-1*01

263 sequences assigned
215 (81.7%) exact matches, in which:
207 unique CDR3
13 unique J



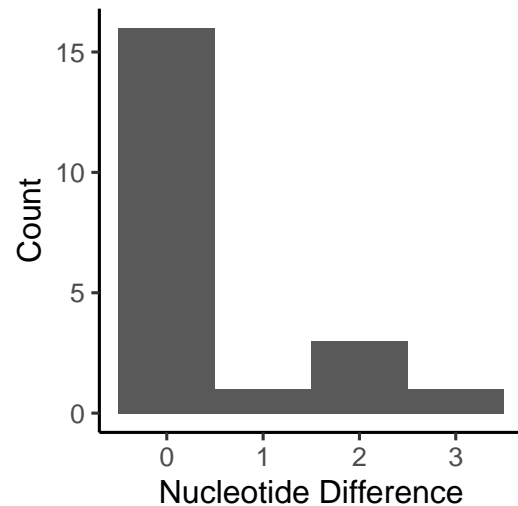
TRBV11-2*01

894 sequences assigned
678 (75.8%) exact matches, in which:
654 unique CDR3
14 unique J



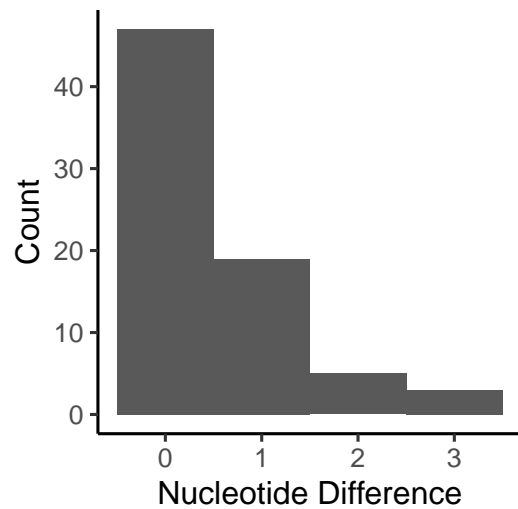
TRBV12-2*01

21 sequences assigned
16 (76.2%) exact matches, in which:
16 unique CDR3
9 unique J



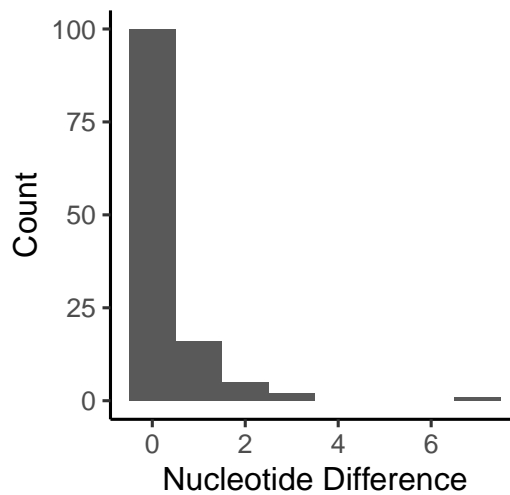
TRBV11-1*01

74 sequences assigned
47 (63.5%) exact matches, in which:
46 unique CDR3
11 unique J



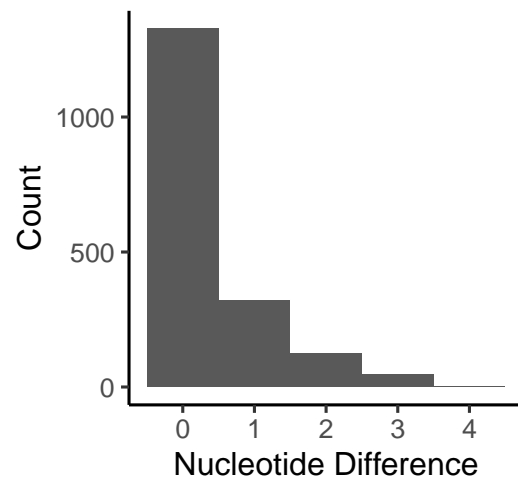
TRBV11-3*01

124 sequences assigned
100 (80.6%) exact matches, in which:
94 unique CDR3
12 unique J



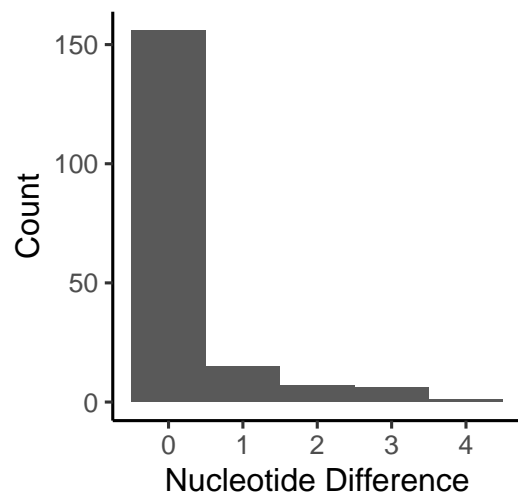
TRBV12-3*01

1819 sequences assigned
1327 (73%) exact matches, in which:
1293 unique CDR3
14 unique J



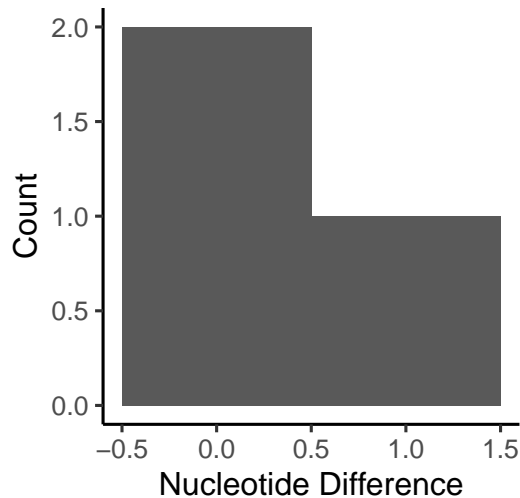
TRBV21-1*02

185 sequences assigned
156 (84.3%) exact matches, in which:
150 unique CDR3
13 unique J



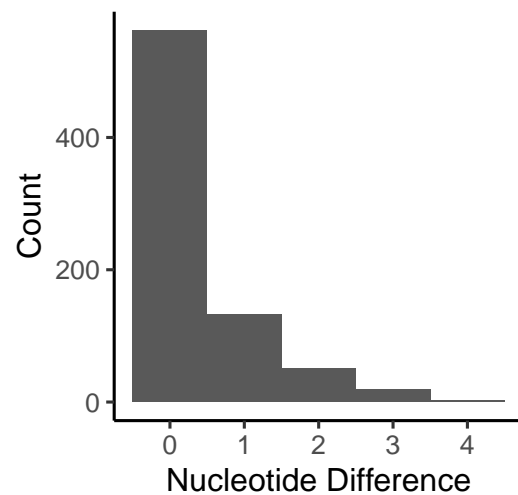
TRBV12-1*01

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



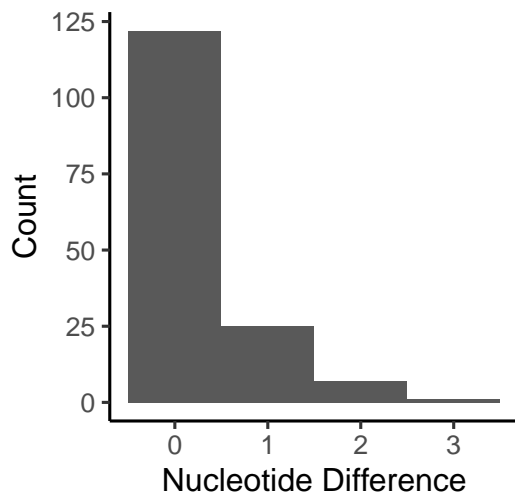
TRBV12-4*01

767 sequences assigned
562 (73.3%) exact matches, in which:
543 unique CDR3
14 unique J



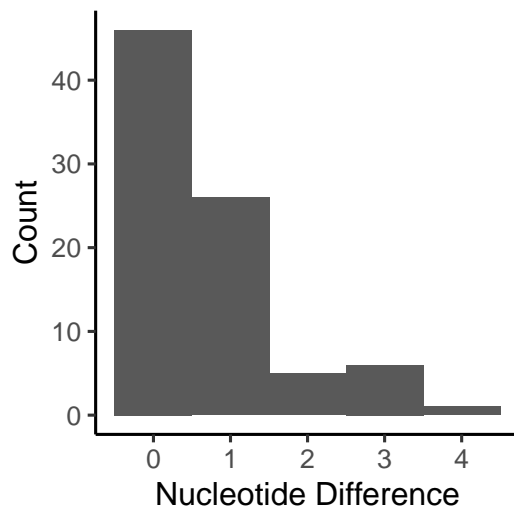
TRBV12–5*01

155 sequences assigned
122 (78.7%) exact matches, in which:
119 unique CDR3
12 unique J



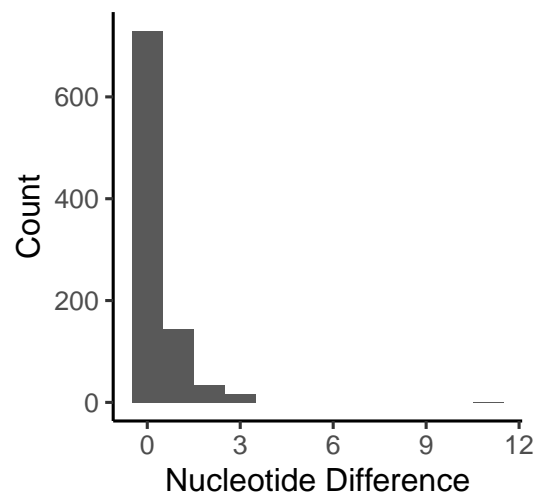
TRBV23–1*01

84 sequences assigned
46 (54.8%) exact matches, in which:
43 unique CDR3
11 unique J



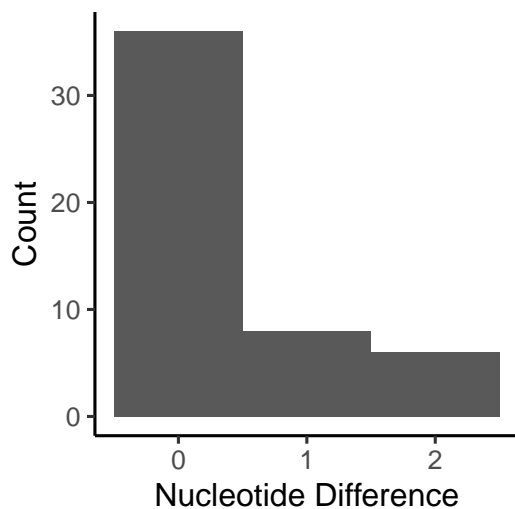
TRBV4–1*01

927 sequences assigned
730 (78.7%) exact matches, in which:
692 unique CDR3
14 unique J



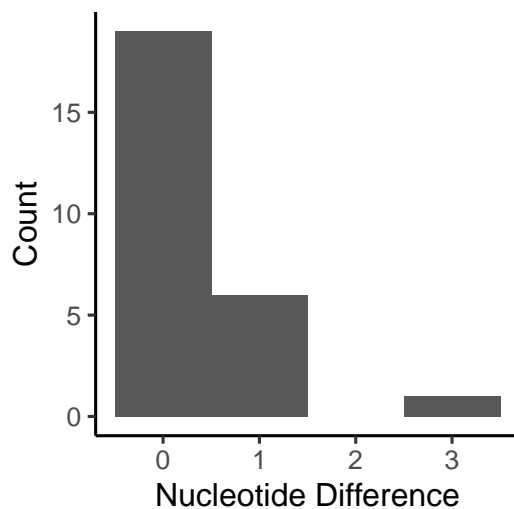
TRBV12–5*01_C28G

50 sequences assigned
36 (72%) exact matches, in which:
36 unique CDR3
9 unique J



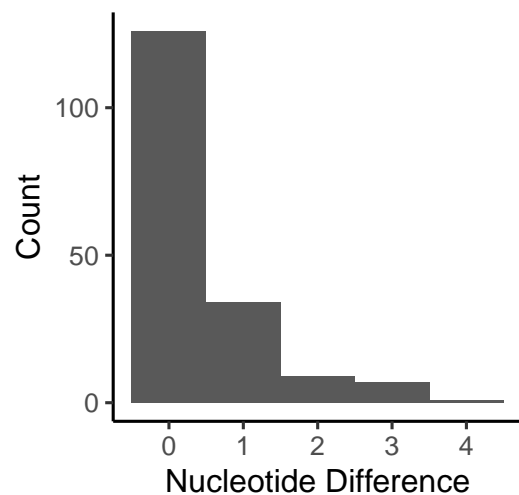
TRBV3–2*01

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



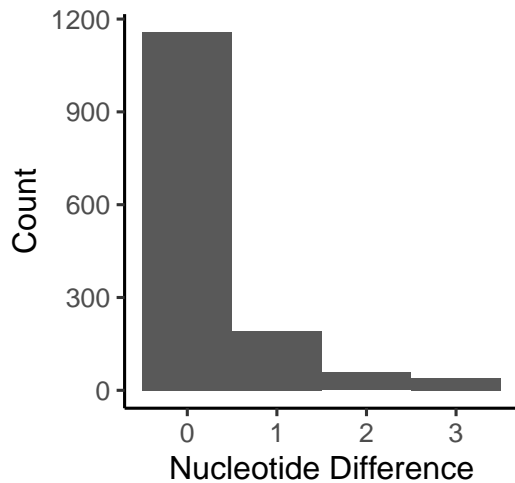
TRBV24–1*02

177 sequences assigned
126 (71.2%) exact matches, in which:
119 unique CDR3
13 unique J



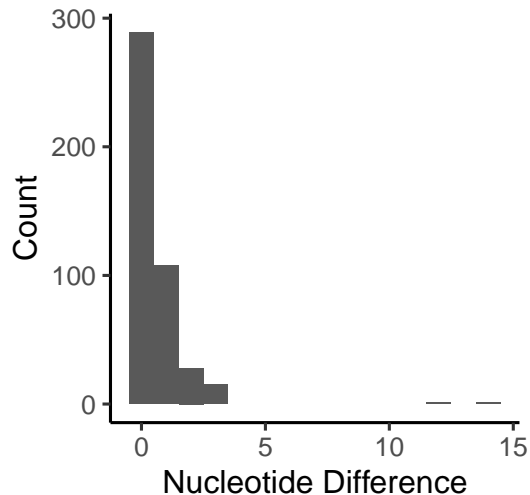
TRBV3–1*01

1449 sequences assigned
1158 (79.9%) exact matches, in which:
1122 unique CDR3
14 unique J



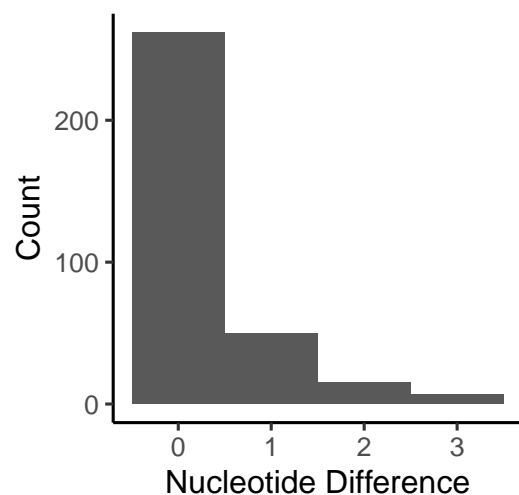
TRBV24–1*01

442 sequences assigned
289 (65.4%) exact matches, in which:
266 unique CDR3
13 unique J



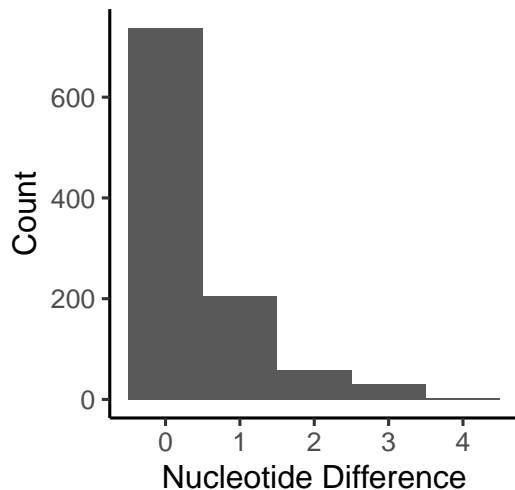
TRBV4–2*01

335 sequences assigned
262 (78.2%) exact matches, in which:
259 unique CDR3
14 unique J



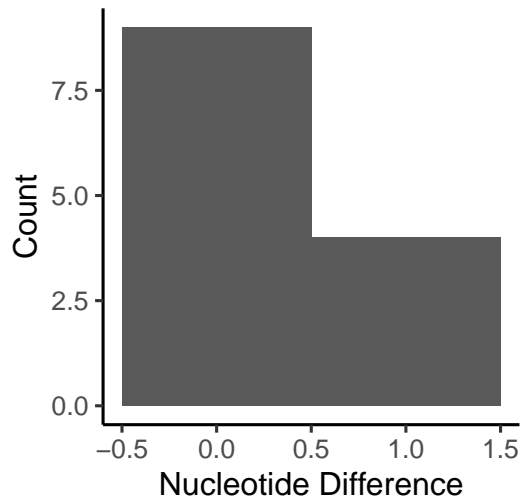
TRBV4-3*01

1035 sequences assigned
738 (71.3%) exact matches, in which:
705 unique CDR3
13 unique J



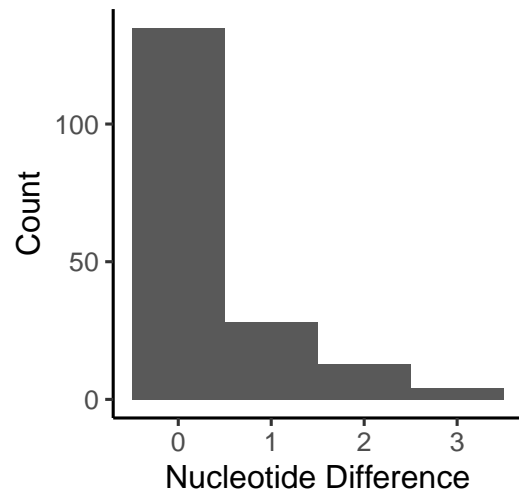
TRBV5-3*01

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



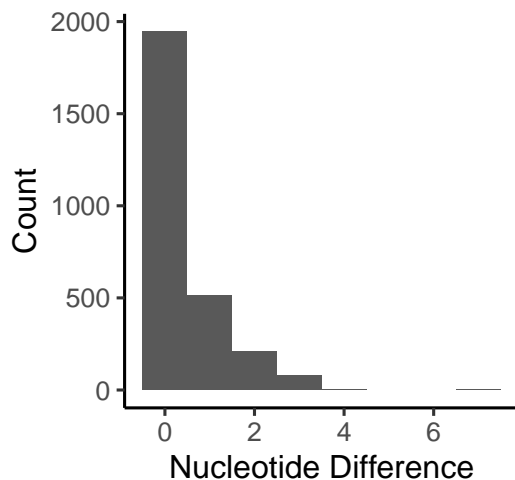
TRBV5-5*02_322TTGG3

180 sequences assigned
135 (75%) exact matches, in which:
134 unique CDR3
12 unique J



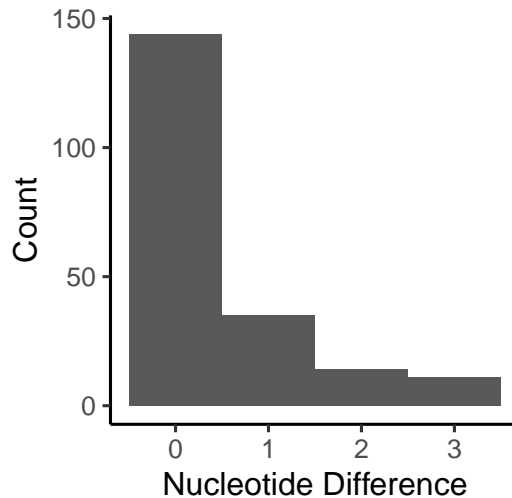
TRBV5-1*01

2754 sequences assigned
1945 (70.6%) exact matches, in which:
1872 unique CDR3
14 unique J



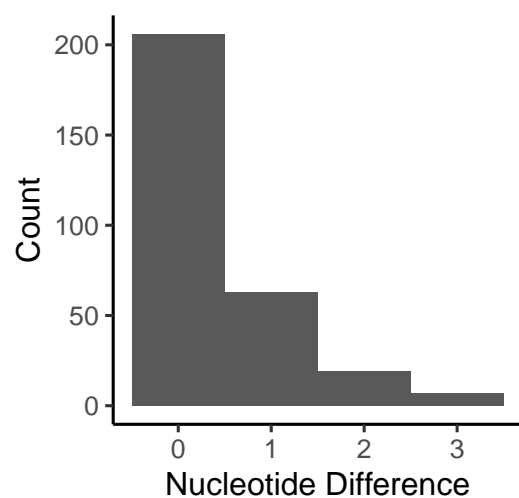
TRBV5-4*01

205 sequences assigned
144 (70.2%) exact matches, in which:
141 unique CDR3
14 unique J



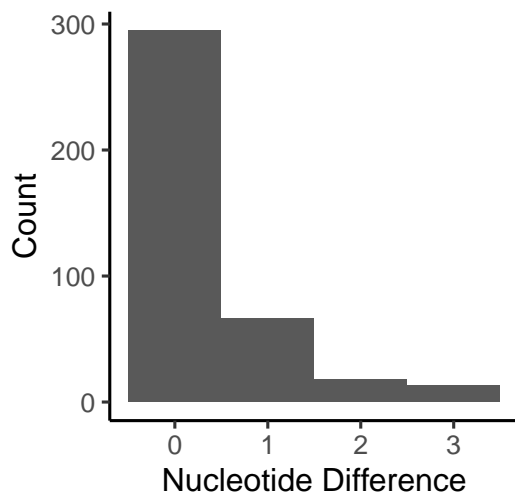
TRBV5-6*01

295 sequences assigned
206 (69.8%) exact matches, in which:
197 unique CDR3
13 unique J



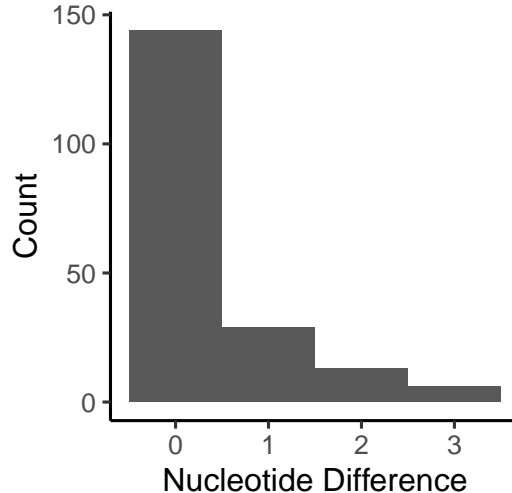
TRBV25-1*01

392 sequences assigned
295 (75.3%) exact matches, in which:
293 unique CDR3
14 unique J



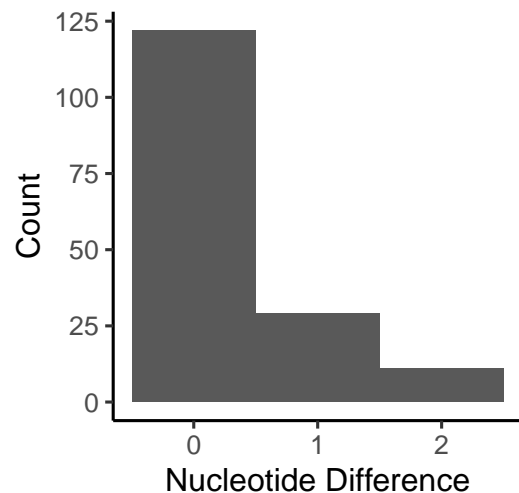
TRBV5-5*01

192 sequences assigned
144 (75%) exact matches, in which:
143 unique CDR3
13 unique J



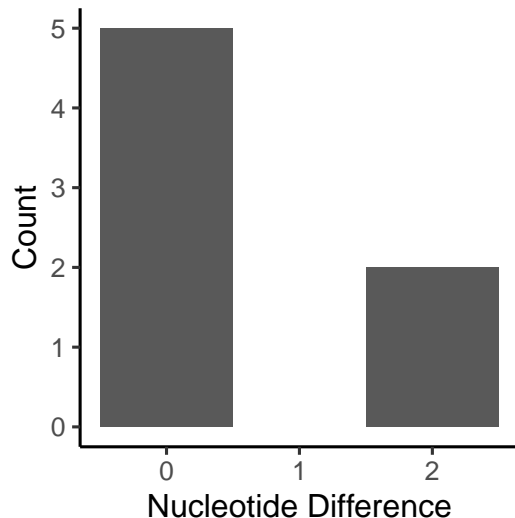
TRBV5-6*01_T284G

162 sequences assigned
122 (75.3%) exact matches, in which:
118 unique CDR3
13 unique J



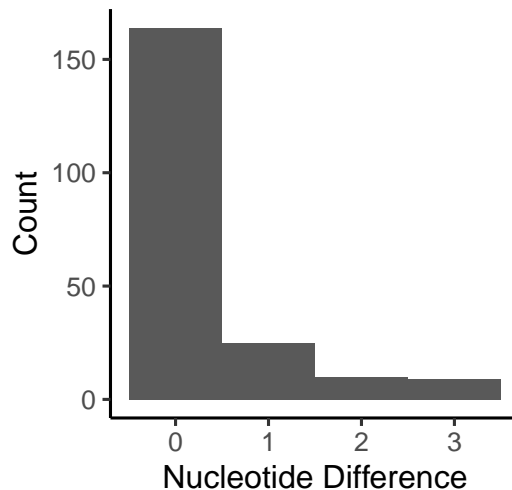
TRBV5-7*01

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



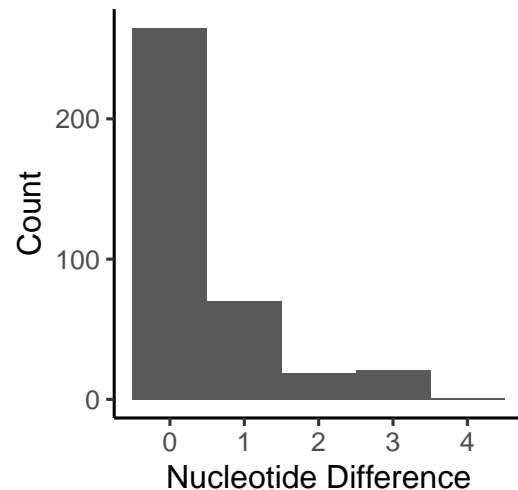
TRBV6-4*01

208 sequences assigned
164 (78.8%) exact matches, in which:
154 unique CDR3
14 unique J



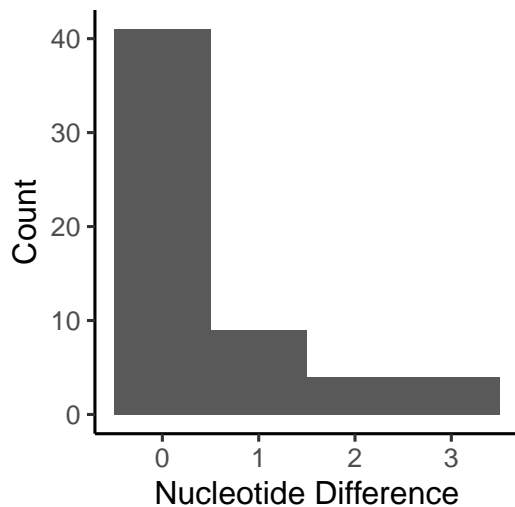
TRBV6-6*02

376 sequences assigned
265 (70.5%) exact matches, in which:
260 unique CDR3
13 unique J



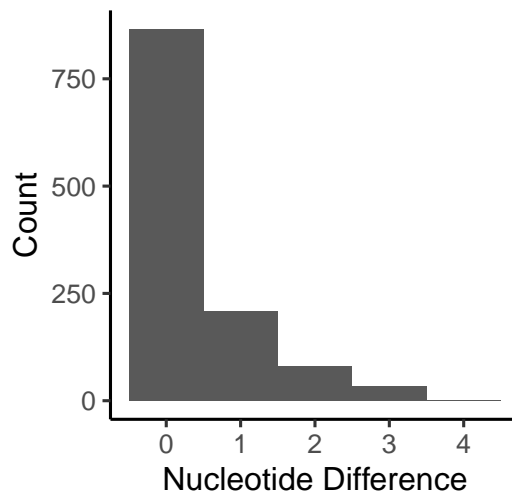
TRBV5-8*01

58 sequences assigned
41 (70.7%) exact matches, in which:
37 unique CDR3
13 unique J



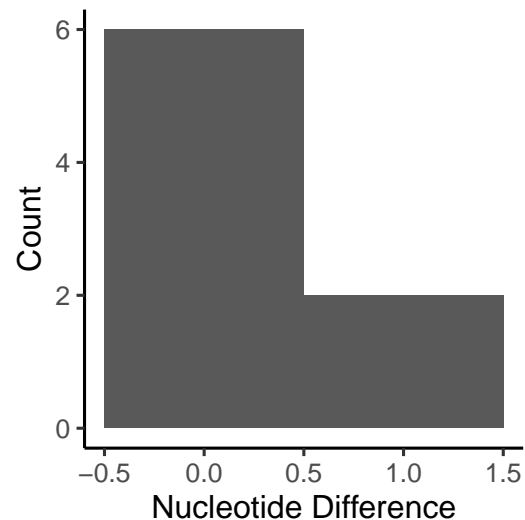
TRBV6-5*01

1192 sequences assigned
866 (72.7%) exact matches, in which:
836 unique CDR3
14 unique J



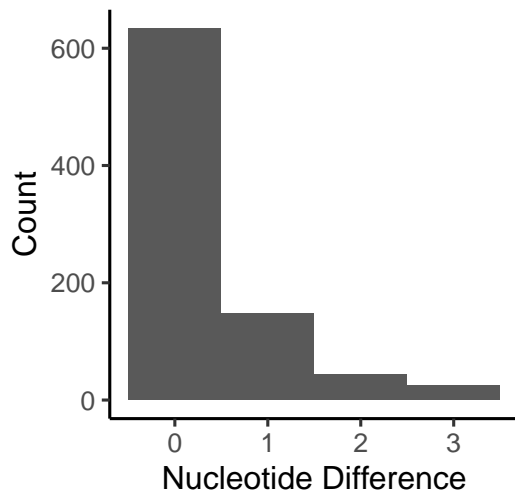
TRBV6-7*01

8 sequences assigned
6 (75%) exact matches, in which:
6 unique CDR3
6 unique J



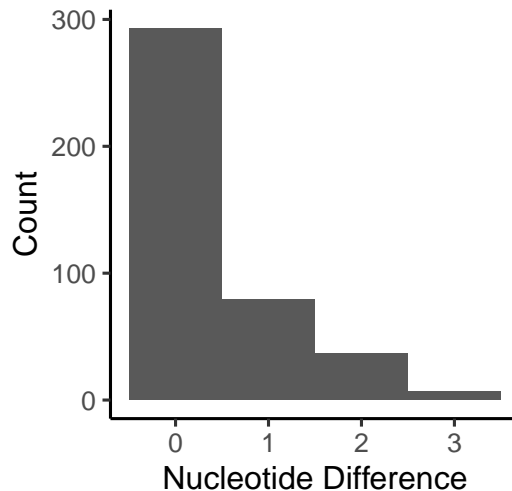
TRBV6-1*01

851 sequences assigned
634 (74.5%) exact matches, in which:
622 unique CDR3
14 unique J



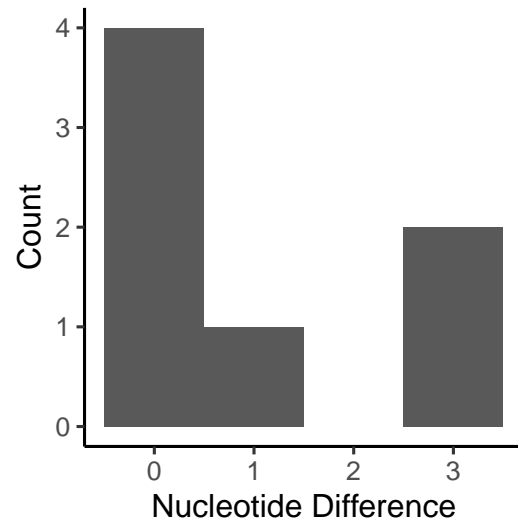
TRBV6-6*01

416 sequences assigned
293 (70.4%) exact matches, in which:
282 unique CDR3
13 unique J



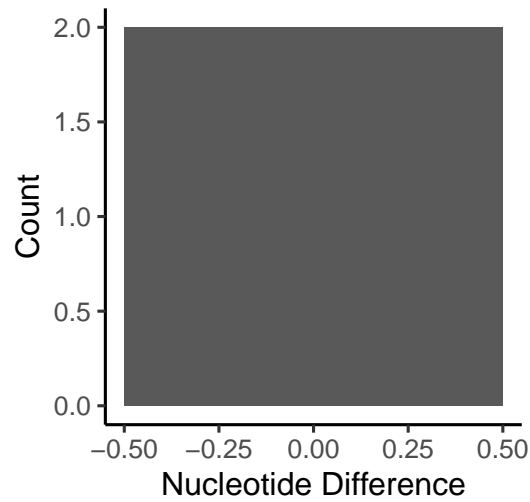
TRBV6-8*01

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



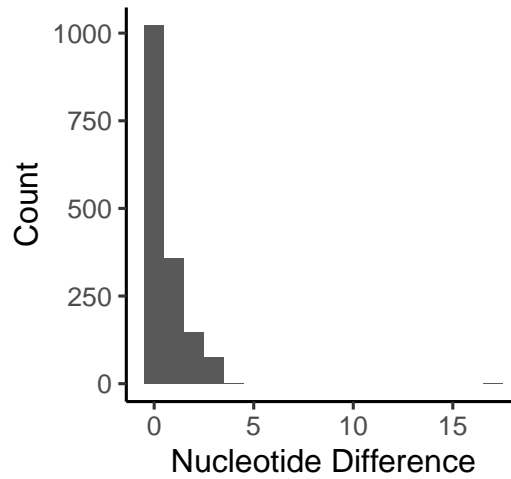
TRBV6-9*01

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



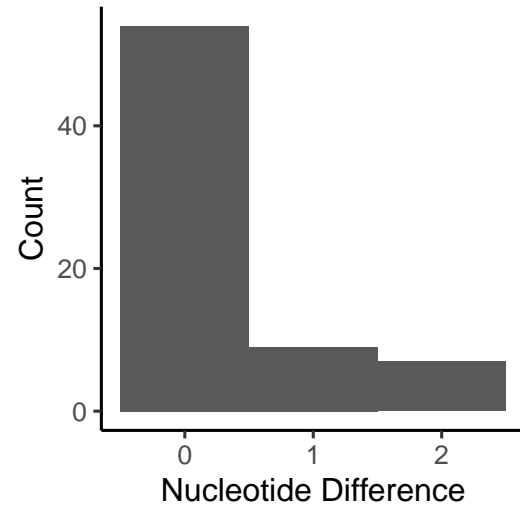
TRBV7-2*01

1604 sequences assigned
1022 (63.7%) exact matches, in which:
927 unique CDR3
13 unique J



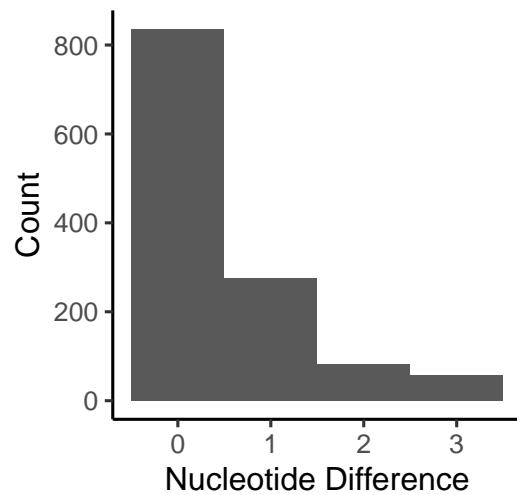
TRBV7-3*02

70 sequences assigned
54 (77.1%) exact matches, in which:
50 unique CDR3
13 unique J



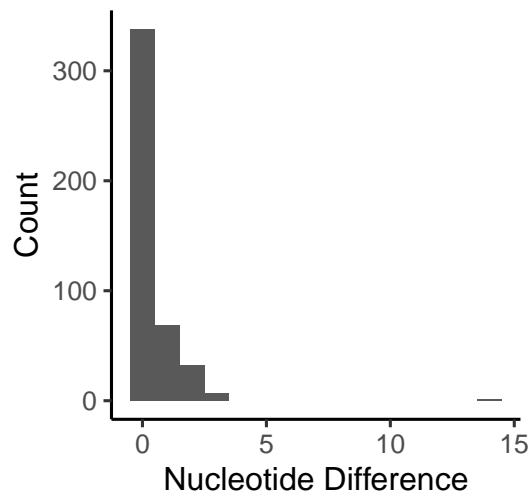
TRBV6-23*01

1251 sequences assigned
836 (66.8%) exact matches, in which:
788 unique CDR3
14 unique J



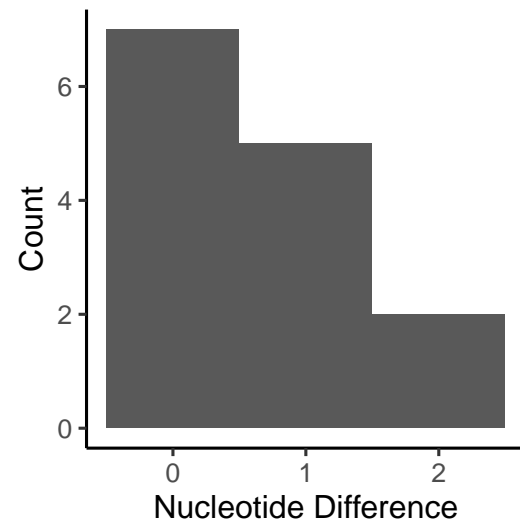
TRBV7-2*02

448 sequences assigned
338 (75.4%) exact matches, in which:
329 unique CDR3
13 unique J



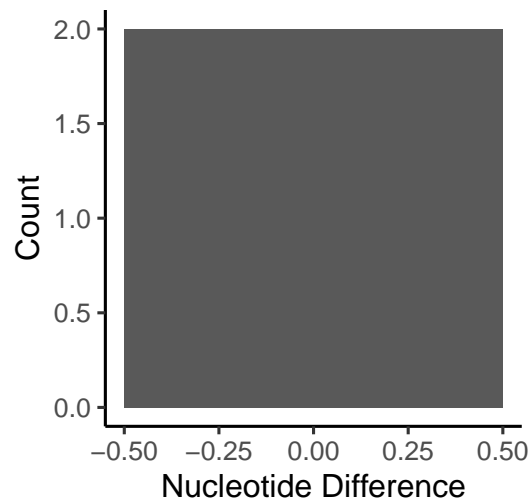
TRBV7-4*01

14 sequences assigned
7 (50%) exact matches, in which:
7 unique CDR3
6 unique J



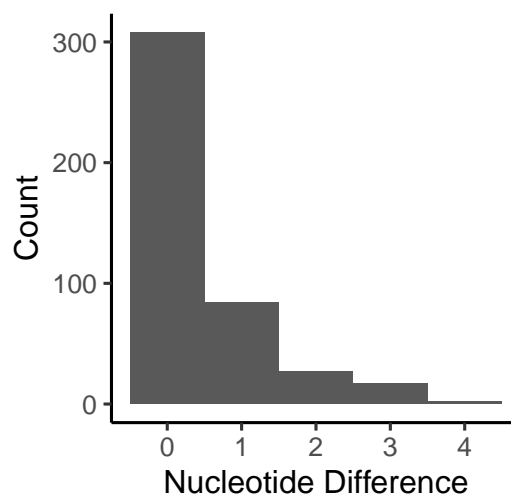
TRBV7-1*01

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



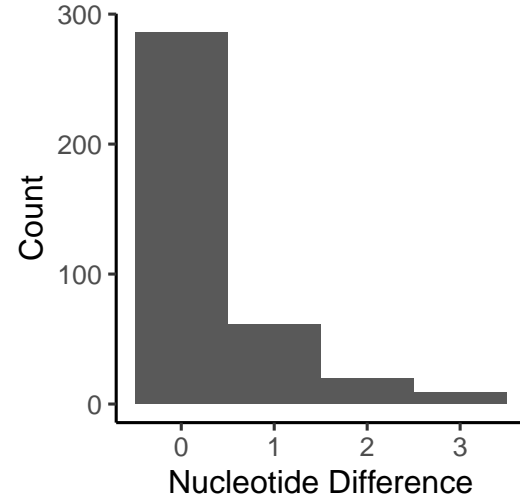
TRBV7-3*01

439 sequences assigned
308 (70.2%) exact matches, in which:
293 unique CDR3
14 unique J



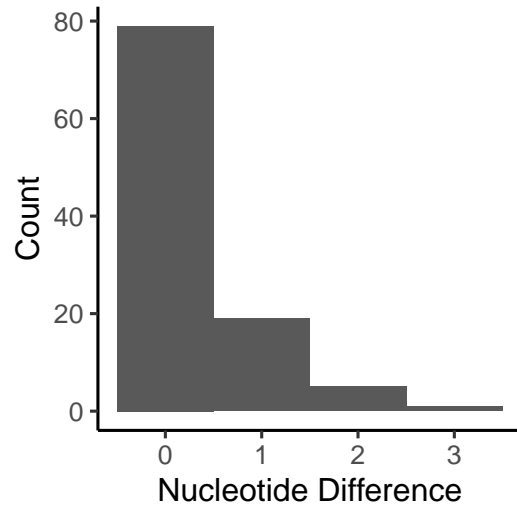
TRBV7-6*01

377 sequences assigned
286 (75.9%) exact matches, in which:
265 unique CDR3
14 unique J



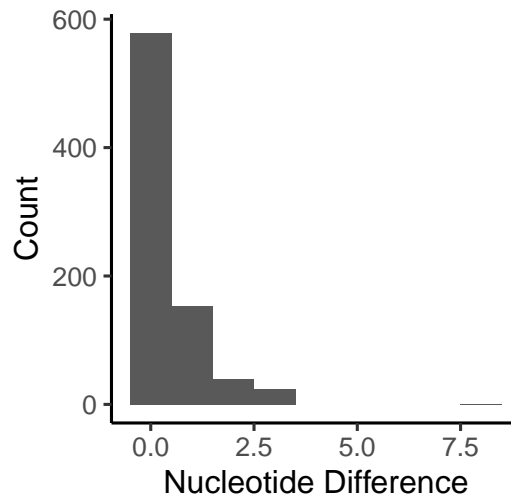
TRBV7-7*01

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



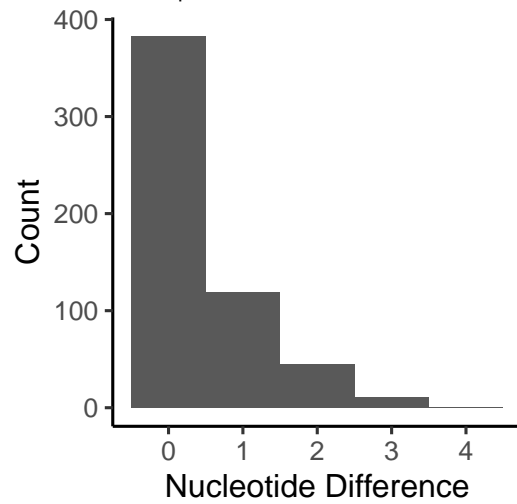
TRBV7-9*03

797 sequences assigned
579 (72.6%) exact matches, in which:
554 unique CDR3
13 unique J



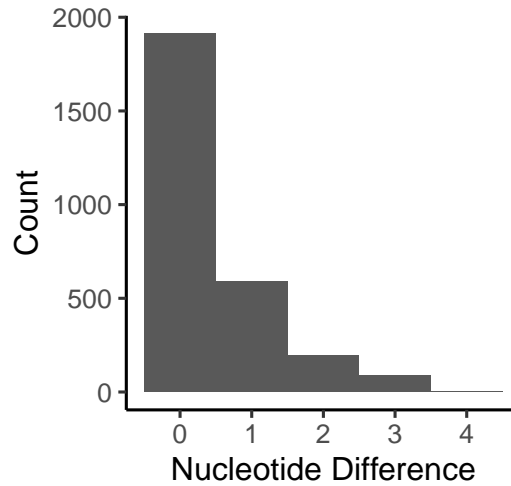
TRBV7-8*01

560 sequences assigned
383 (68.4%) exact matches, in which:
364 unique CDR3
14 unique J



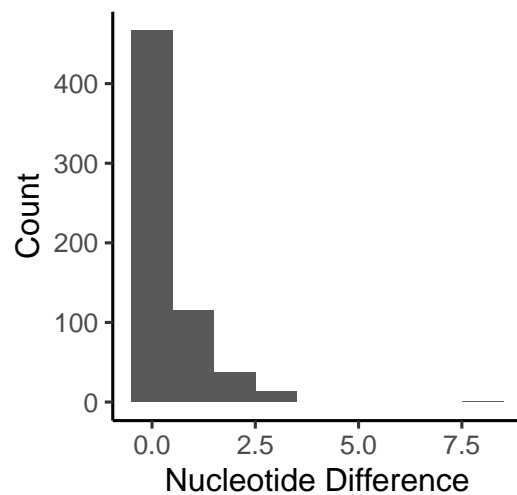
TRBV29-1*01

2789 sequences assigned
1912 (68.6%) exact matches, in which:
1821 unique CDR3
14 unique J

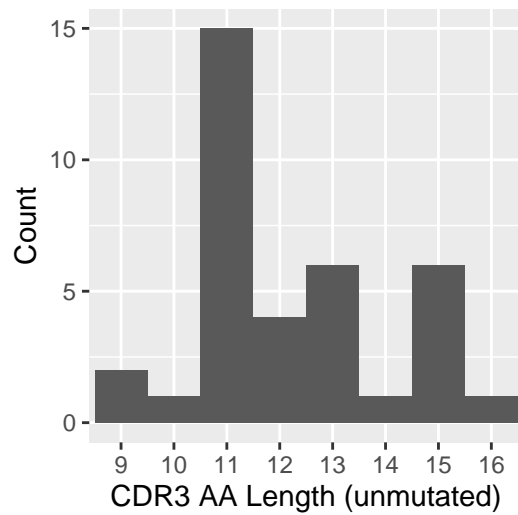


TRBV7-9*01

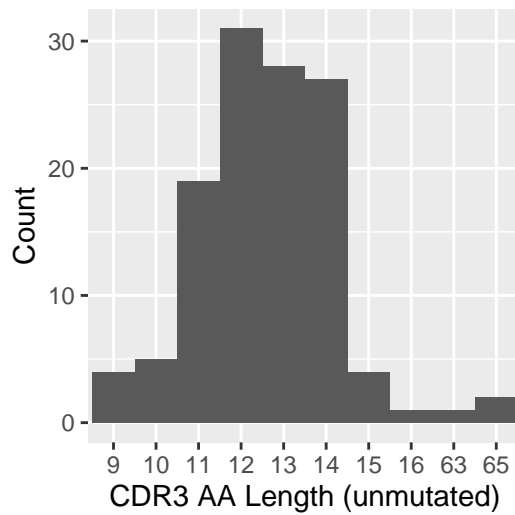
633 sequences assigned
467 (73.8%) exact matches, in which:
455 unique CDR3
13 unique J



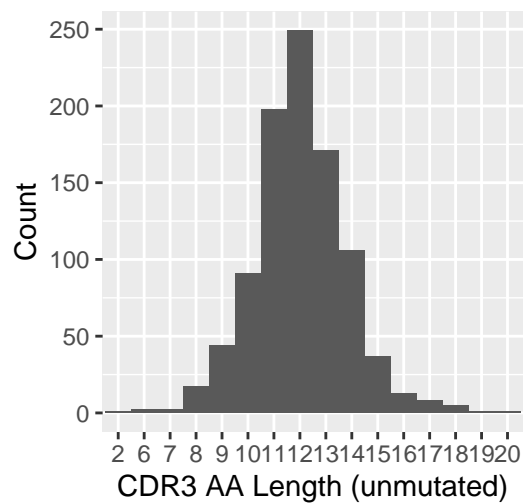
TRBV12-5*01_C28G



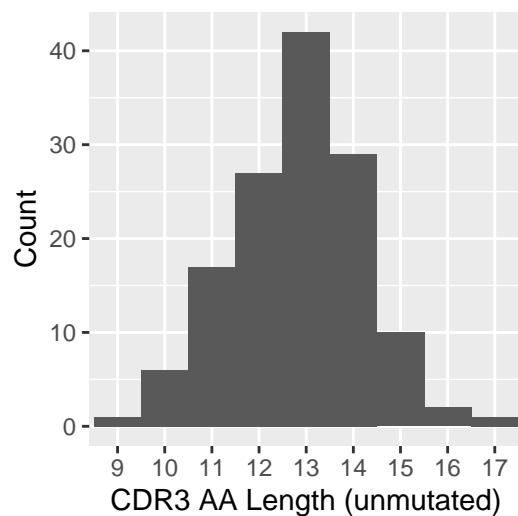
TRBV5-6*01_T284G

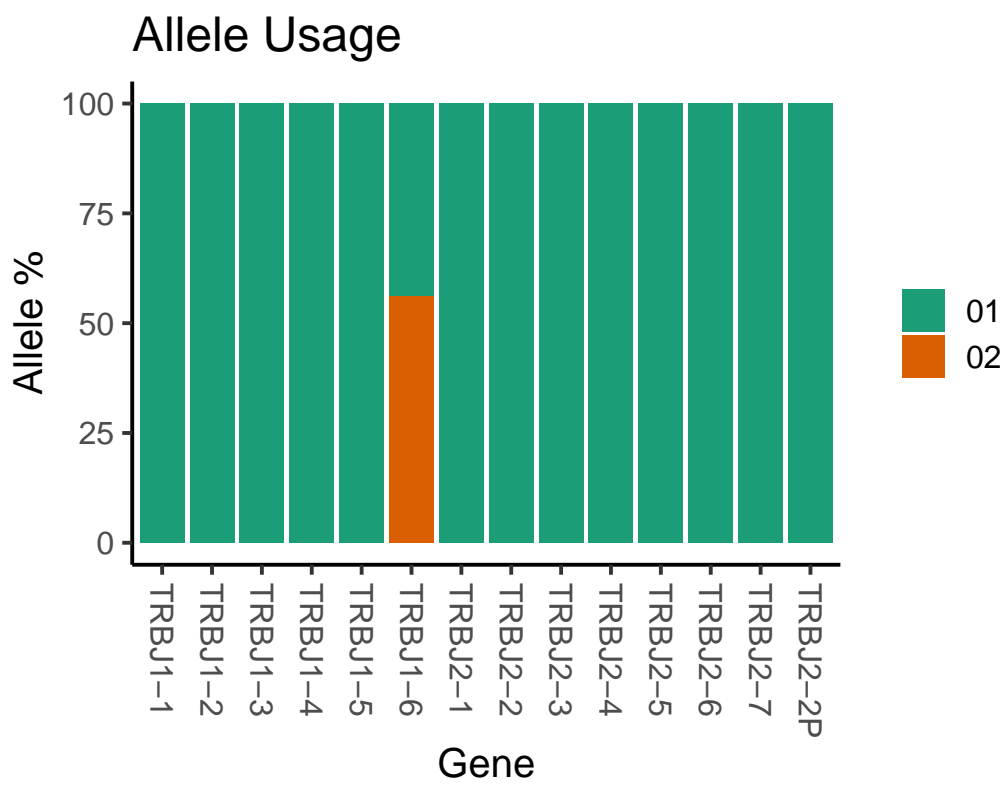


TRBV20-1*02_319AGAGA323



TRBV5-5*02_322TTGG325





Sequence Count by TRBJ1–6 allele usage

