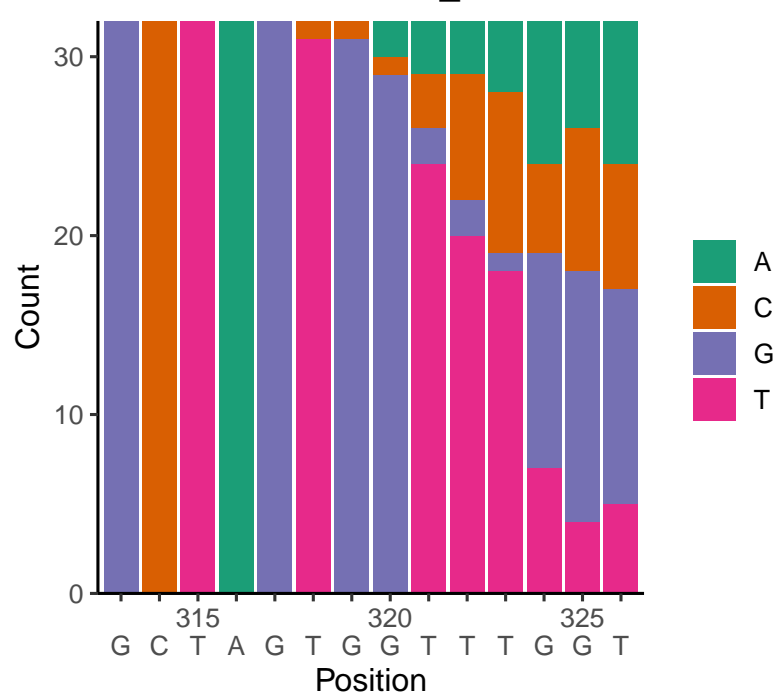
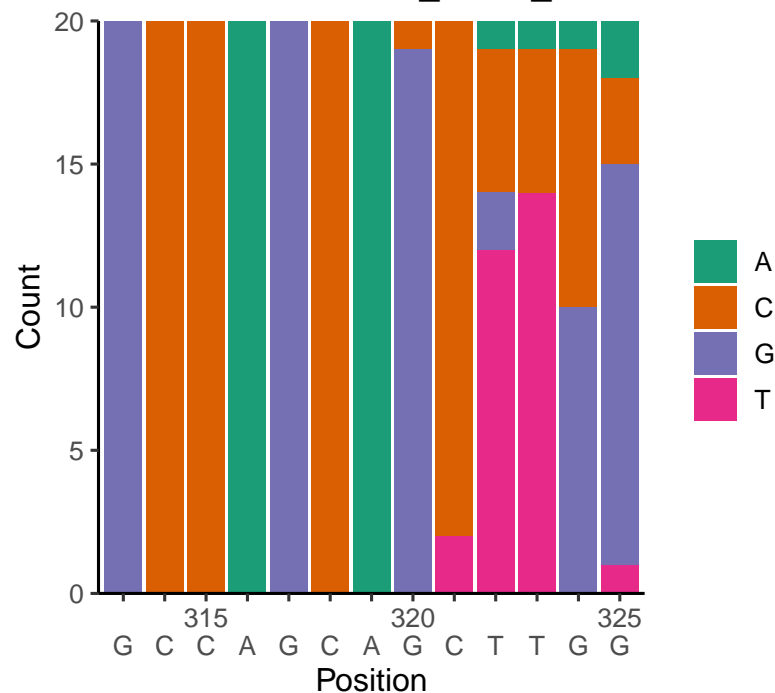


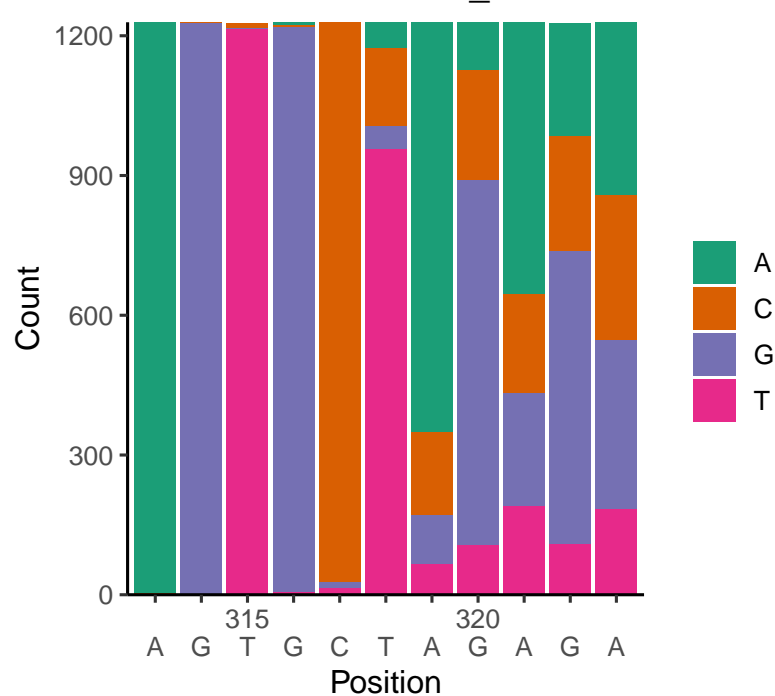
Gene TRBV12-5*01_C28G



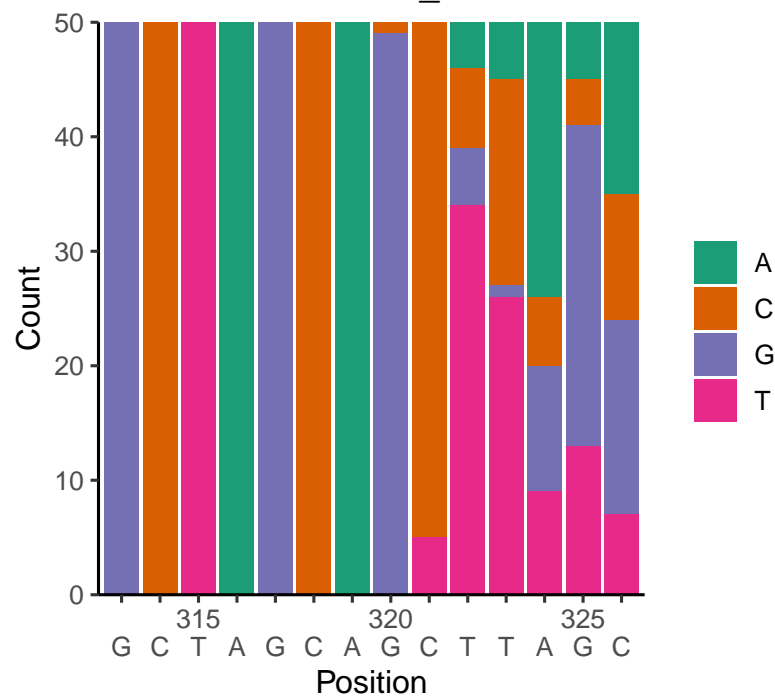
Gene TRBV5-8*01_C56T_C276T



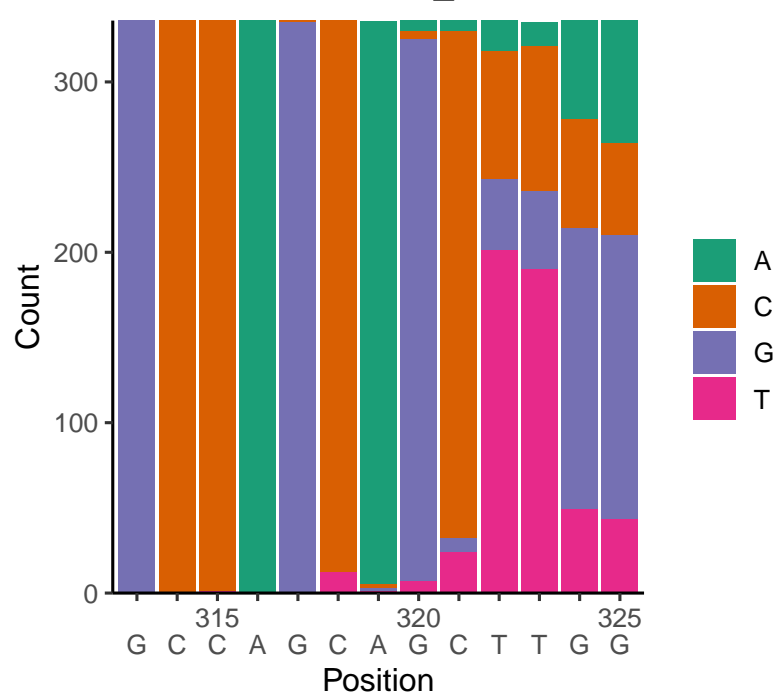
Gene TRBV20-1*02_319AGAGA323



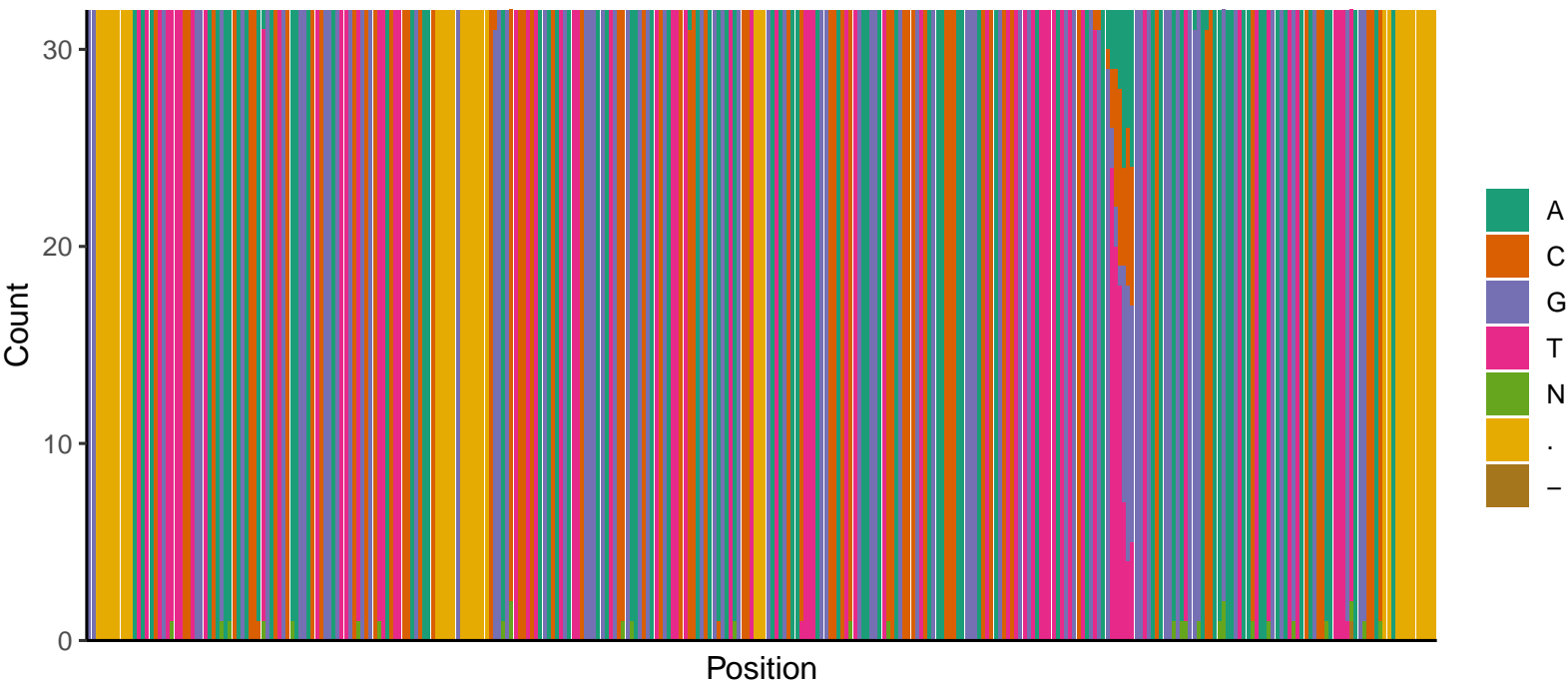
Gene TRBV7-7*01_C315T



Gene TRBV5-5*02_322TTGG325



Gene TRBV12-5*01_C28G



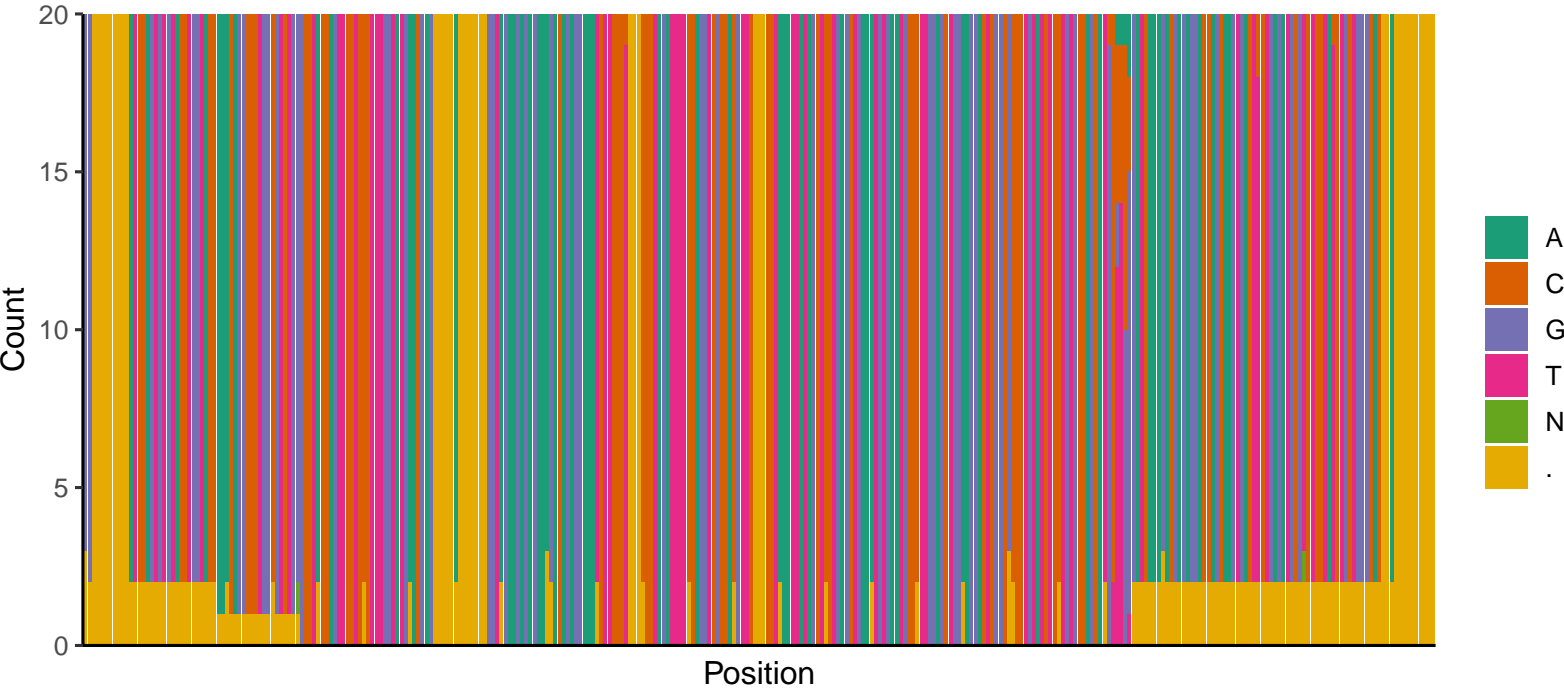
Gene TRBV20-1*02_319AGAGA323



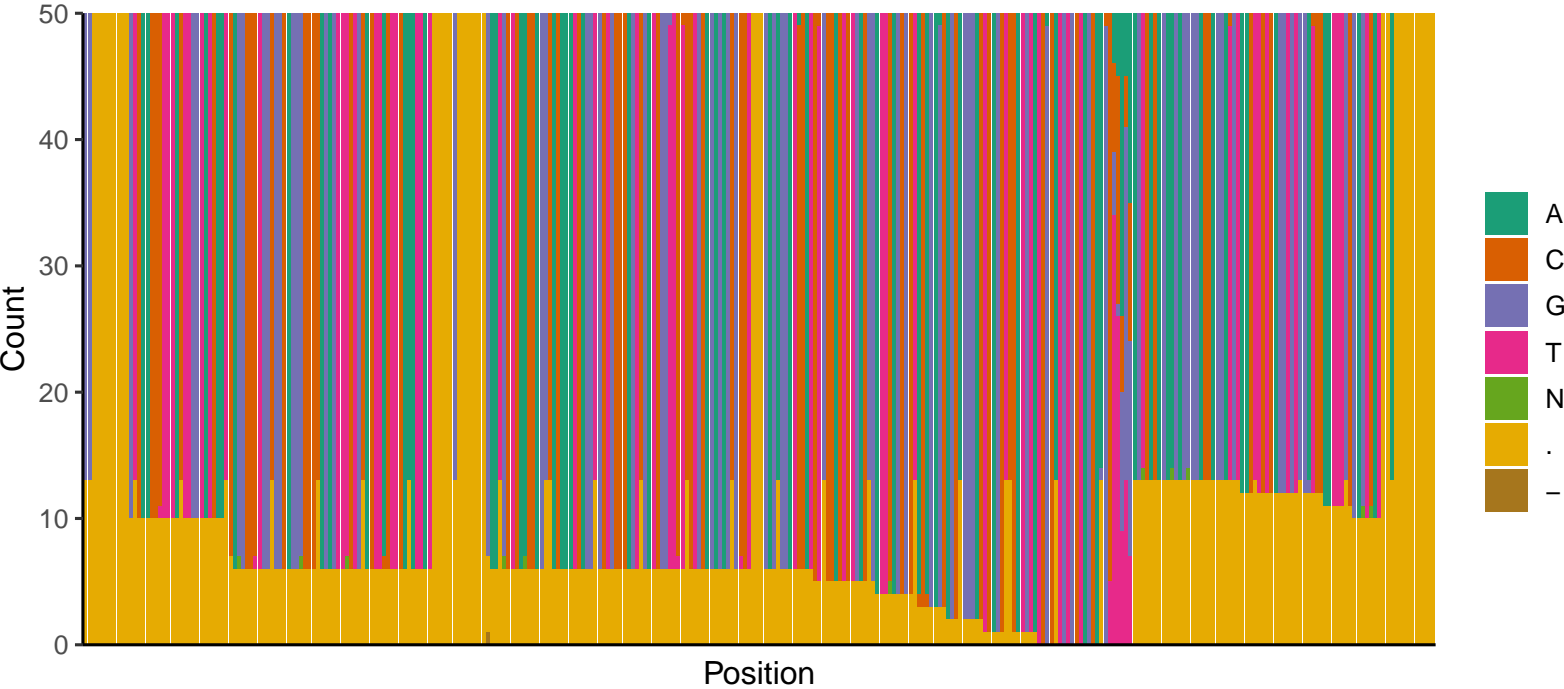
Gene TRBV5-5*02_322TTGG325



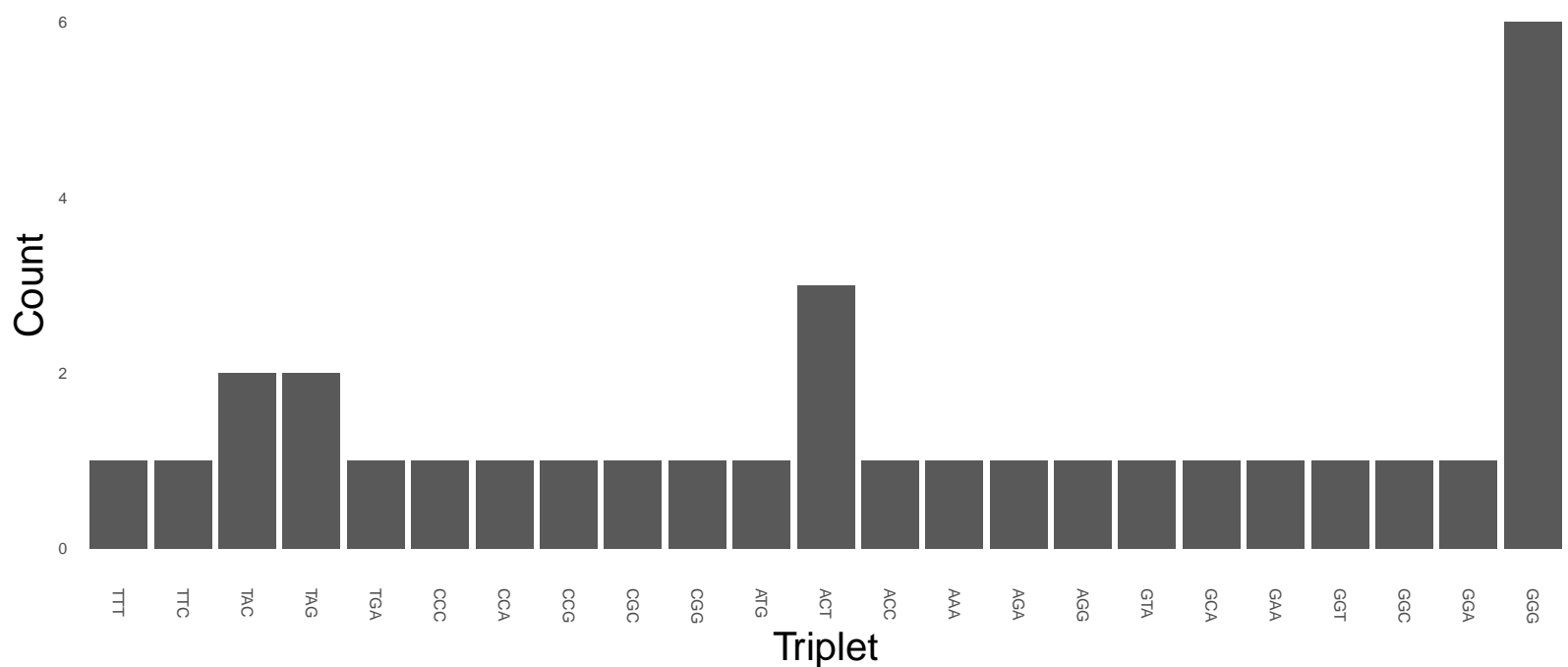
Gene TRBV5-8*01_C56T_C276T



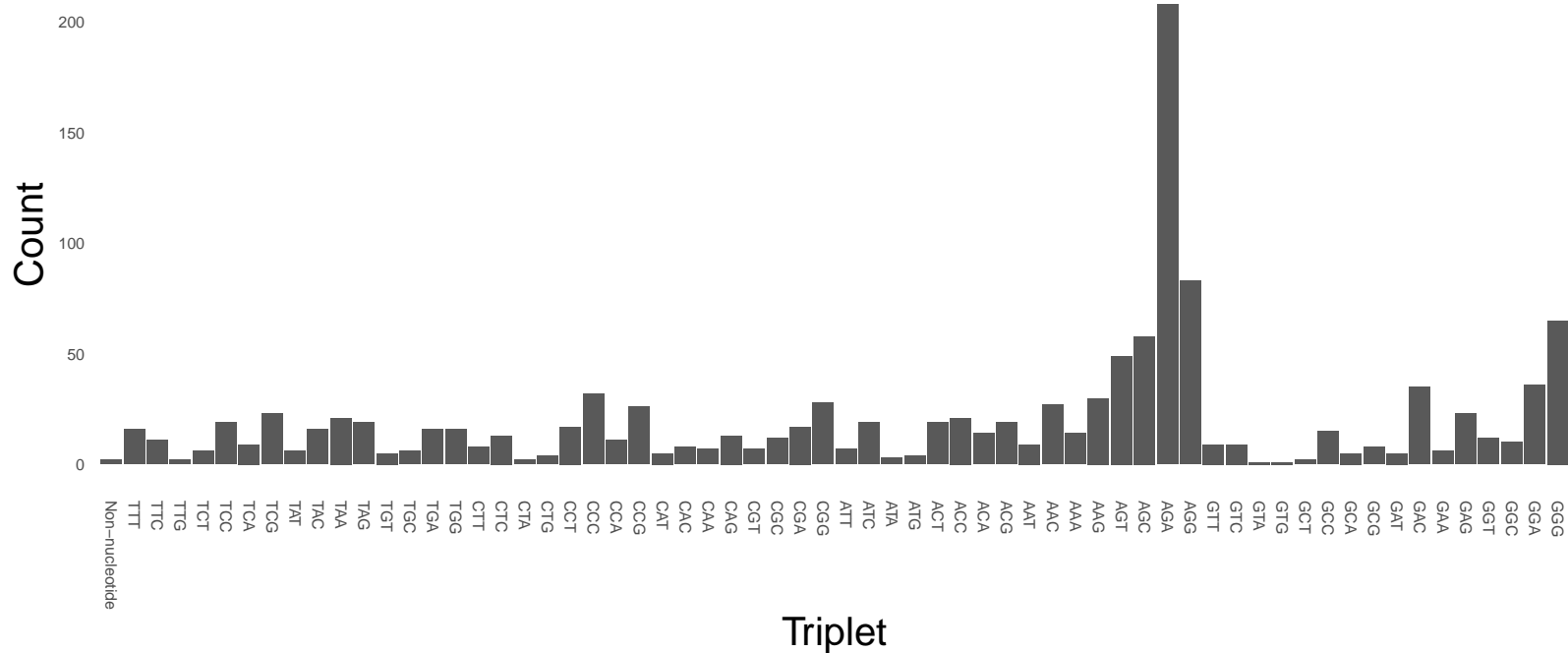
Gene TRBV7-7*01_C315T



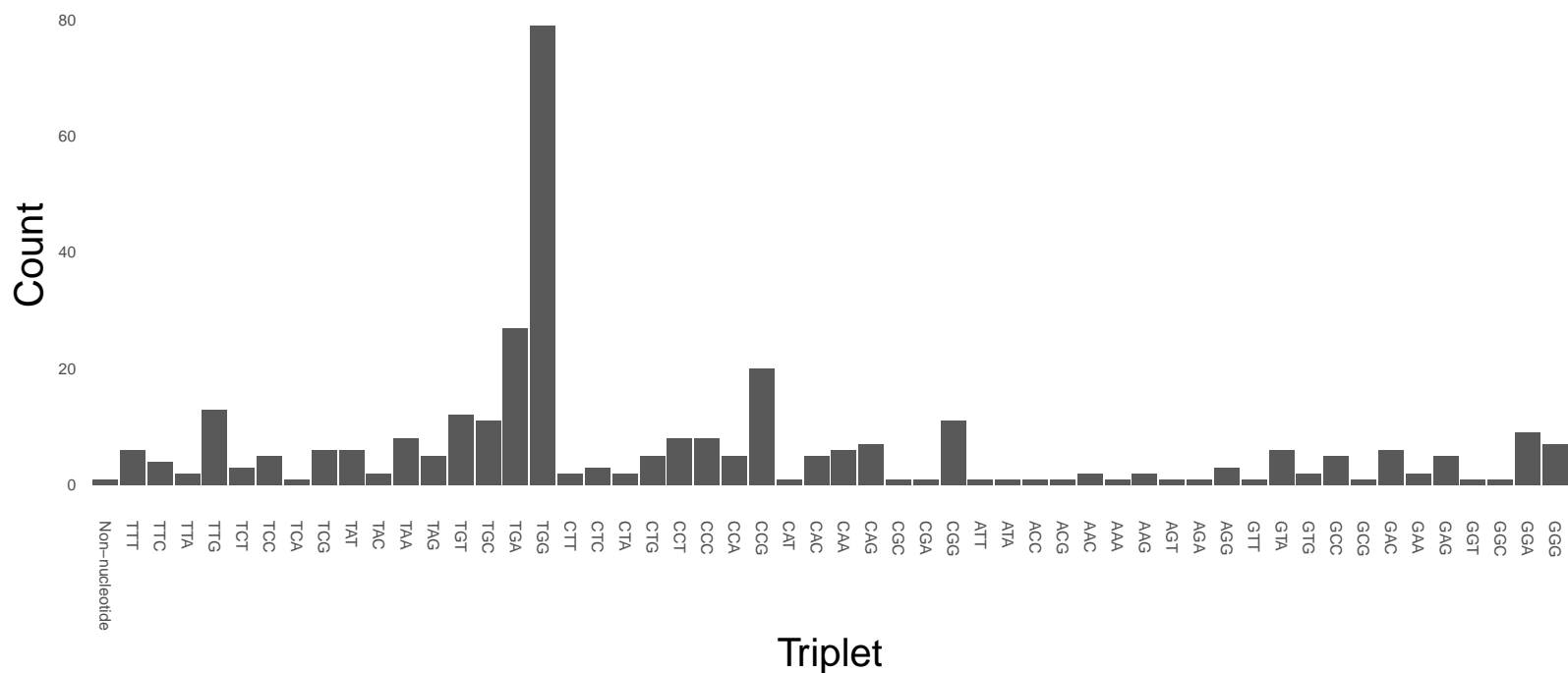
TRBV12-5*01_C28G- Final 3 nucleotides as a triplet



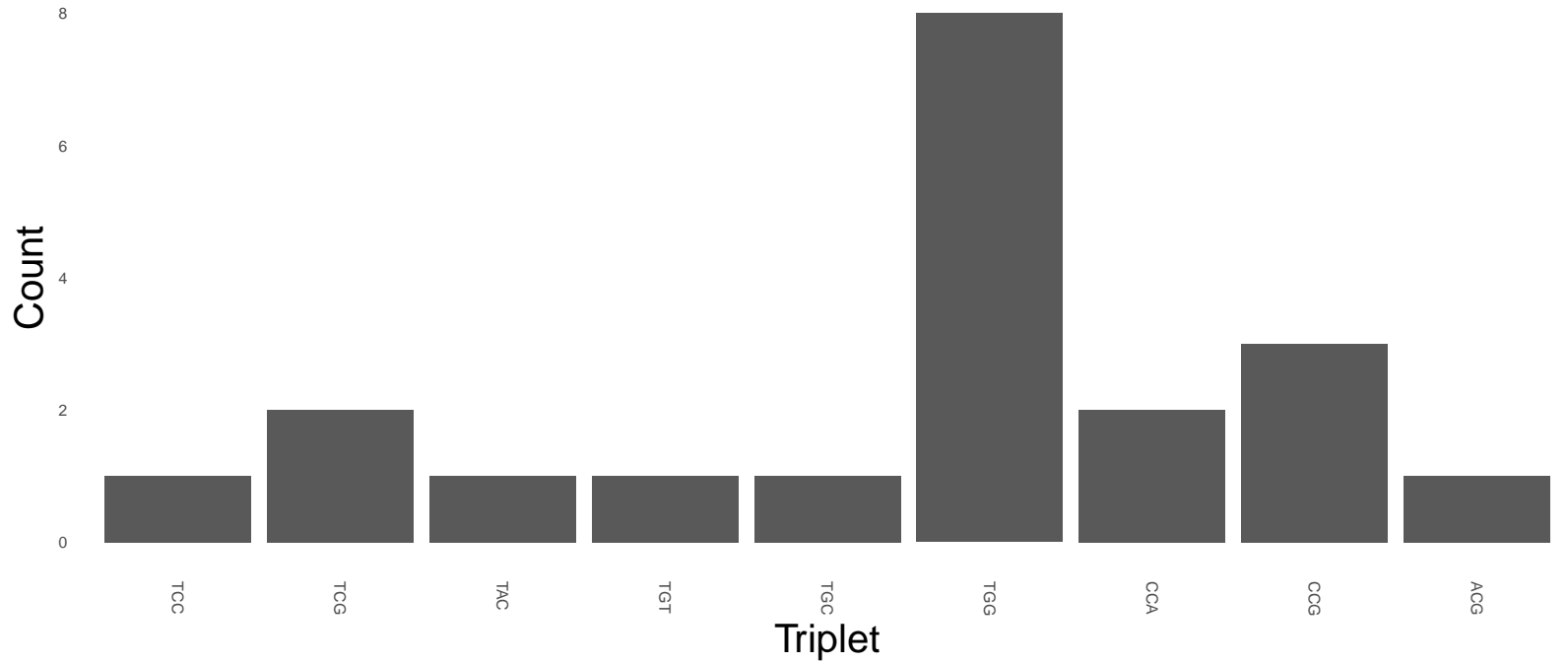
TRBV20-1*02_319AGAGA323- Final 3 nucleotides as a triplet



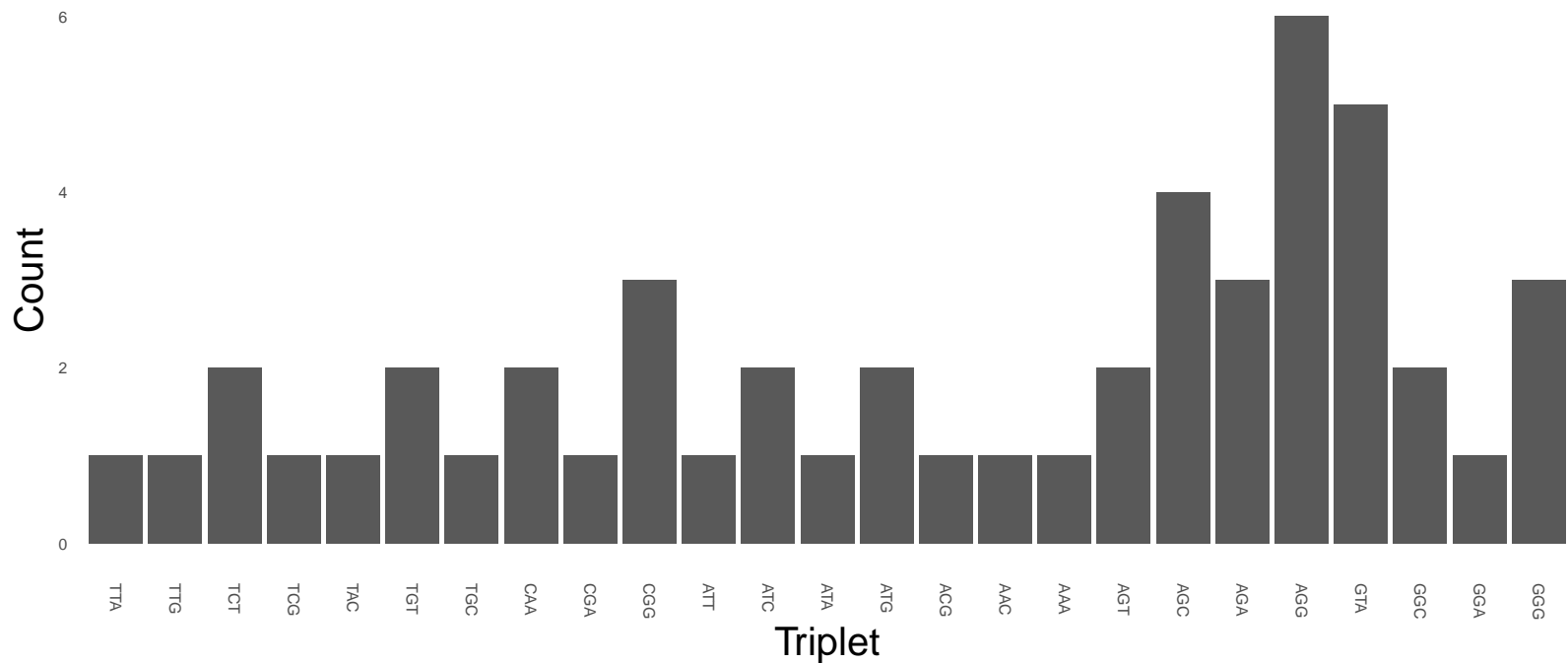
TRBV5-5*02_322TTGG325- Final 3 nucleotides as a triplet



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

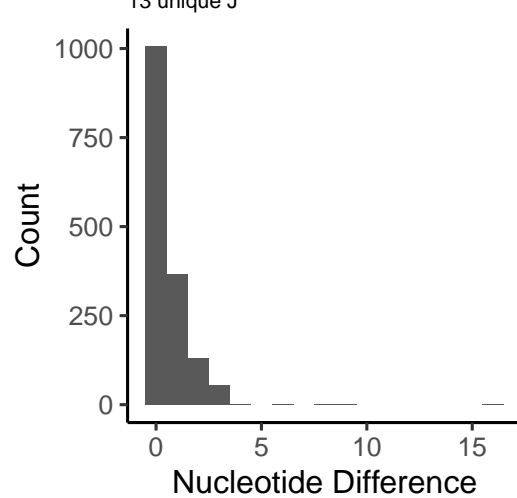


TRBV7-7*01_C315T- Final 3 nucleotides as a triplet



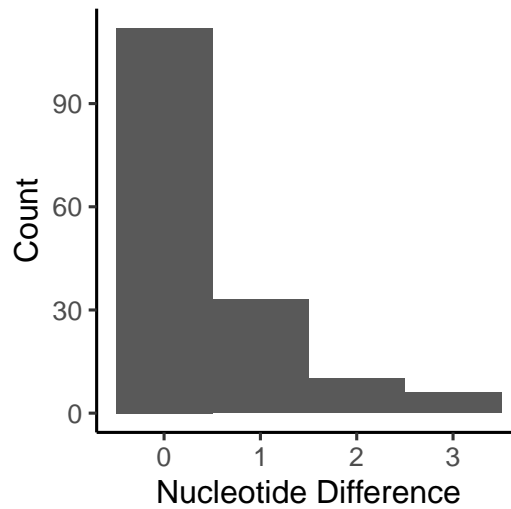
TRBV20-1*01

1563 sequences assigned
1006 (64.4%) exact matches, in which:
984 unique CDR3
13 unique J



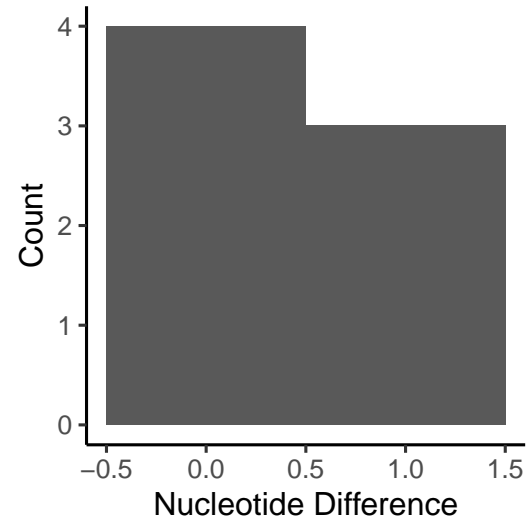
TRBV10-2*01

163 sequences assigned
112 (68.7%) exact matches, in which:
106 unique CDR3
13 unique J



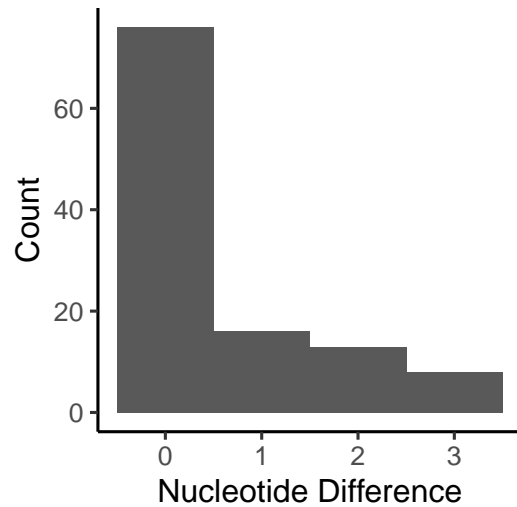
TRBV1*01

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



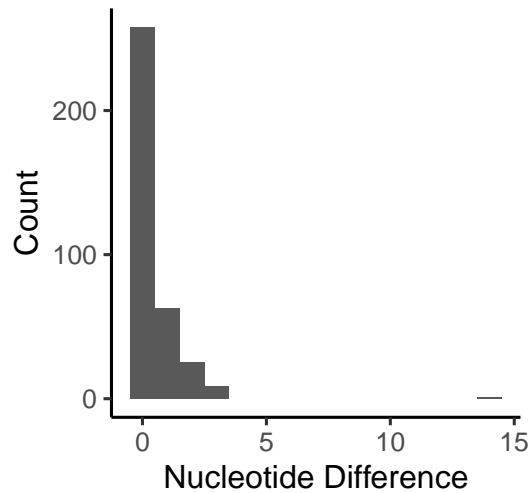
TRBV10-1*01

113 sequences assigned
76 (67.3%) exact matches, in which:
74 unique CDR3
12 unique J



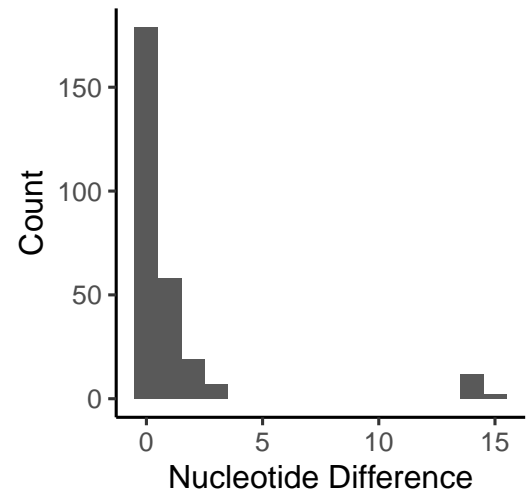
TRBV10-3*01

356 sequences assigned
258 (72.5%) exact matches, in which:
250 unique CDR3
13 unique J



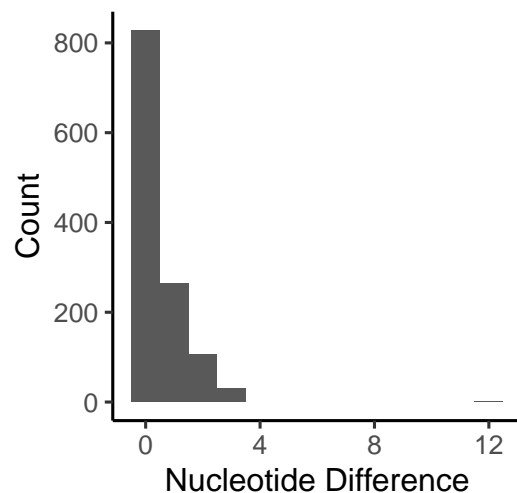
TRBV13*01

277 sequences assigned
179 (64.6%) exact matches, in which:
172 unique CDR3
13 unique J



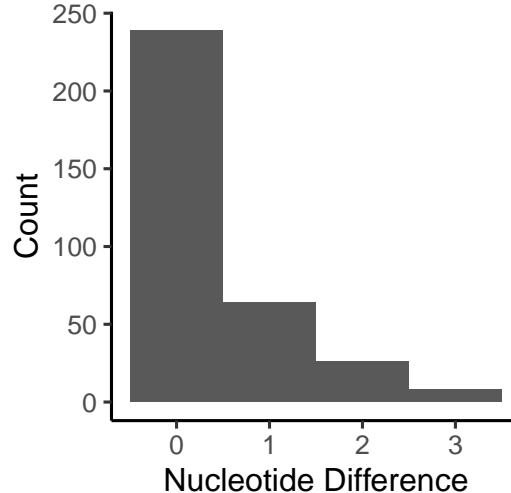
TRBV20-1*02_319AGAG

1229 sequences assigned
828 (67.4%) exact matches, in which:
803 unique CDR3
13 unique J



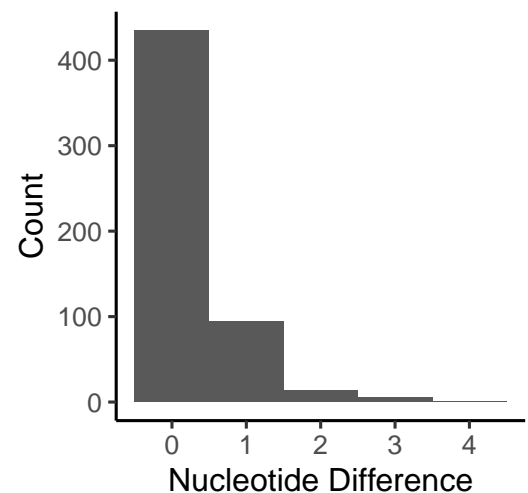
TRBV10-3*02

337 sequences assigned
239 (70.9%) exact matches, in which:
232 unique CDR3
13 unique J



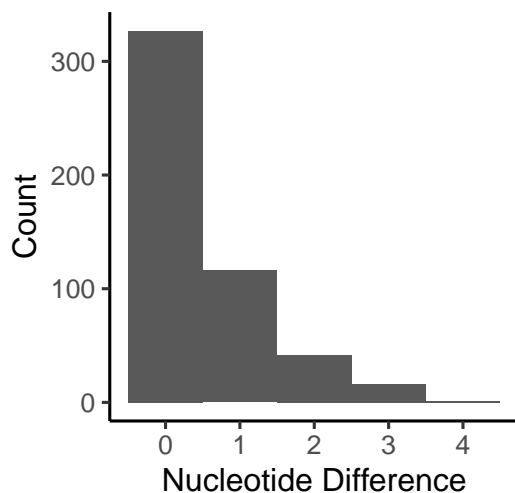
TRBV14*01

548 sequences assigned
435 (79.4%) exact matches, in which:
418 unique CDR3
13 unique J



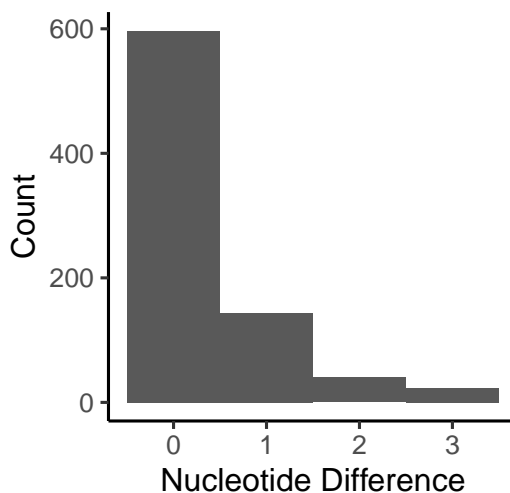
TRBV15*02

502 sequences assigned
327 (65.1%) exact matches, in which:
305 unique CDR3
13 unique J



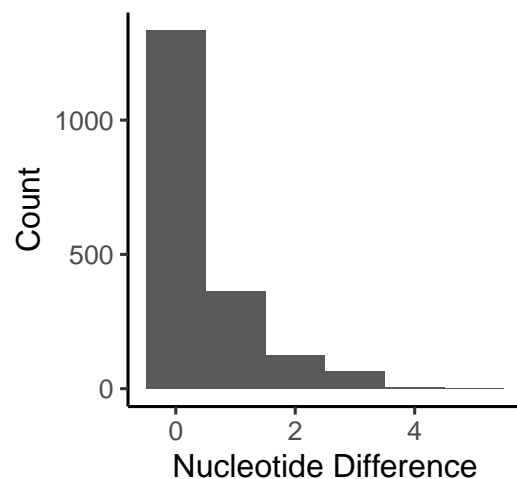
TRBV19*01

804 sequences assigned
597 (74.3%) exact matches, in which:
569 unique CDR3
13 unique J



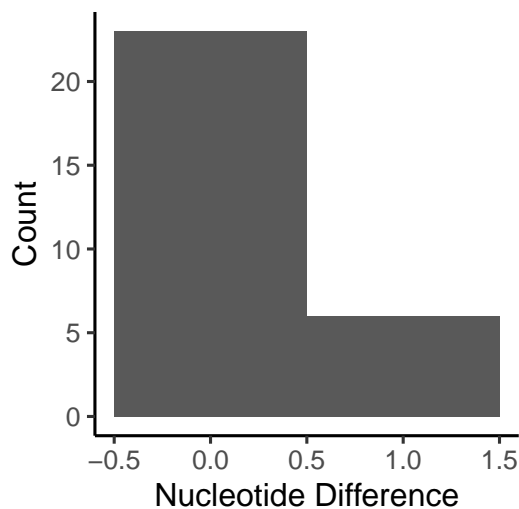
TRBV28*01

1895 sequences assigned
1334 (70.4%) exact matches, in which:
1213 unique CDR3
13 unique J



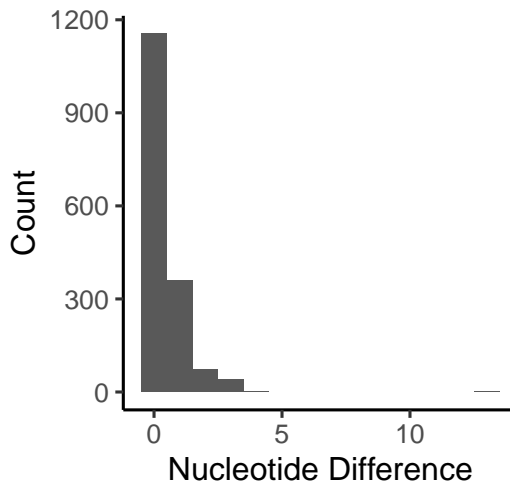
TRBV16*01

29 sequences assigned
23 (79.3%) exact matches, in which:
21 unique CDR3
8 unique J



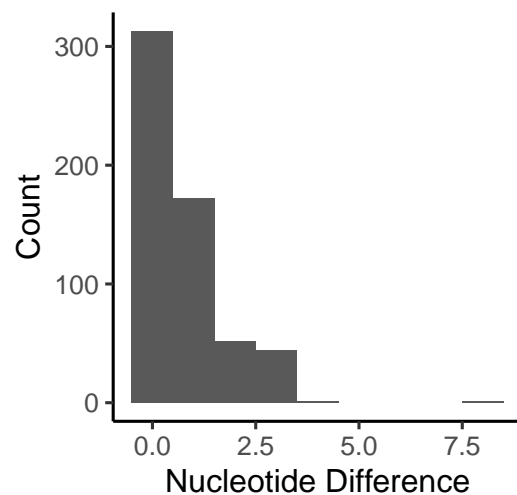
TRBV2*01

1629 sequences assigned
1155 (70.9%) exact matches, in which:
1072 unique CDR3
13 unique J



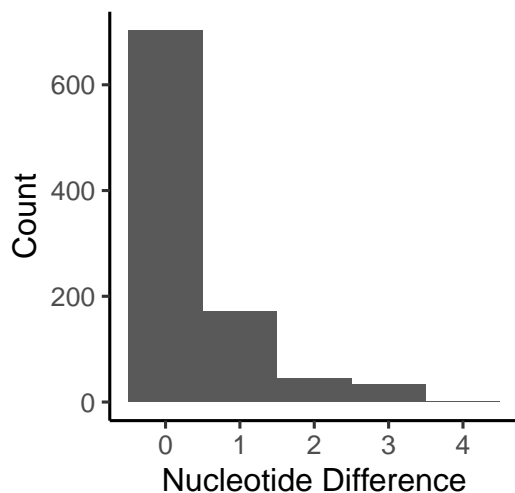
TRBV30*01

584 sequences assigned
313 (53.6%) exact matches, in which:
230 unique CDR3
13 unique J



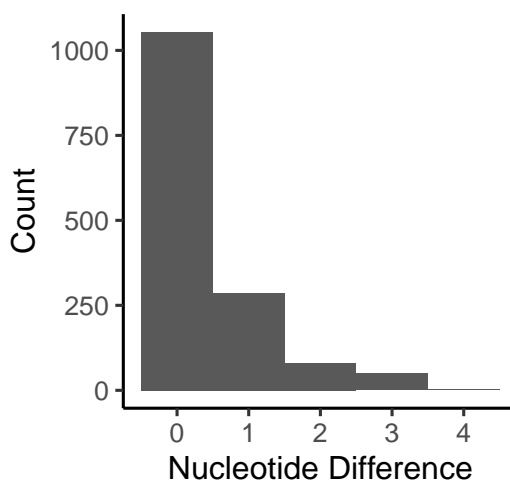
TRBV18*01

956 sequences assigned
703 (73.5%) exact matches, in which:
659 unique CDR3
13 unique J



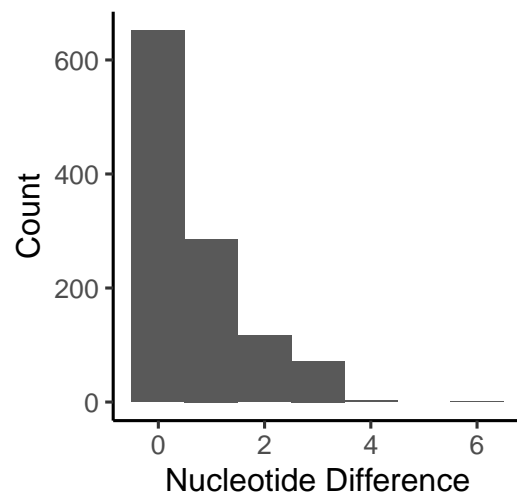
TRBV27*01

1473 sequences assigned
1054 (71.6%) exact matches, in which:
991 unique CDR3
13 unique J



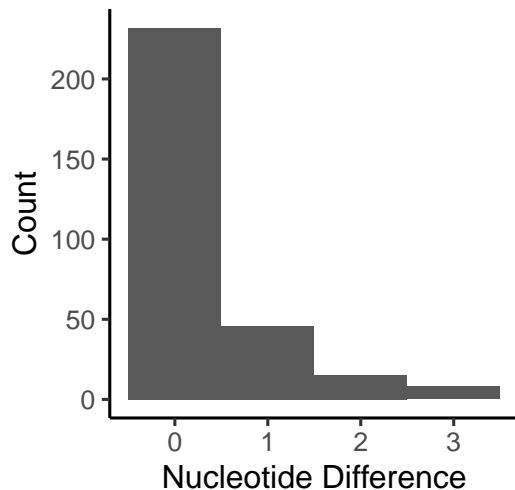
TRBV9*01

1131 sequences assigned
652 (57.6%) exact matches, in which:
516 unique CDR3
13 unique J



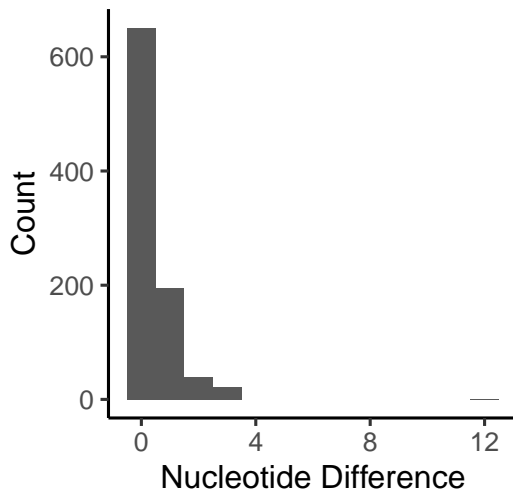
TRBV21-1*01

302 sequences assigned
232 (76.8%) exact matches, in which:
226 unique CDR3
13 unique J



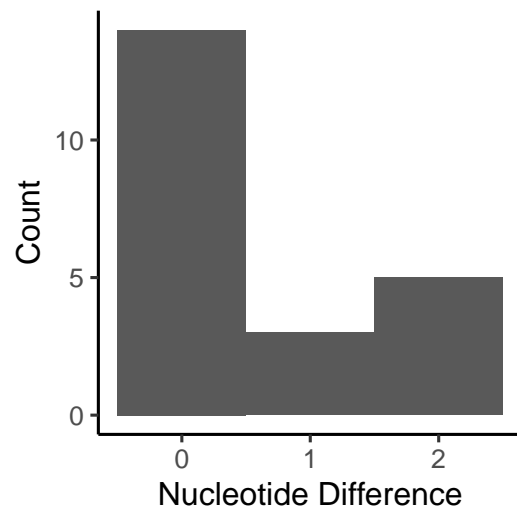
TRBV11-2*01

909 sequences assigned
651 (71.6%) exact matches, in which:
630 unique CDR3
13 unique J



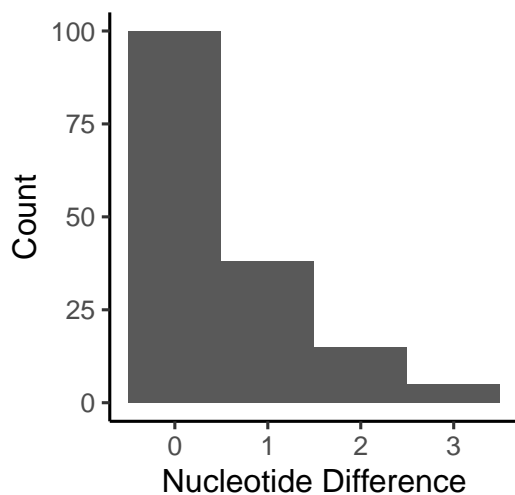
TRBV12-2*01

22 sequences assigned
14 (63.6%) exact matches, in which:
14 unique CDR3
6 unique J



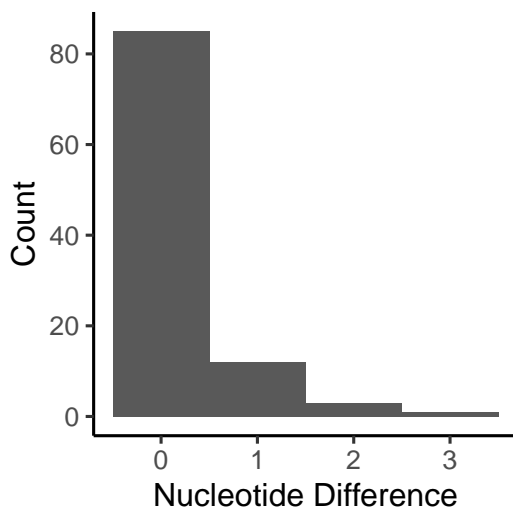
TRBV11-1*01

158 sequences assigned
100 (63.3%) exact matches, in which:
95 unique CDR3
11 unique J



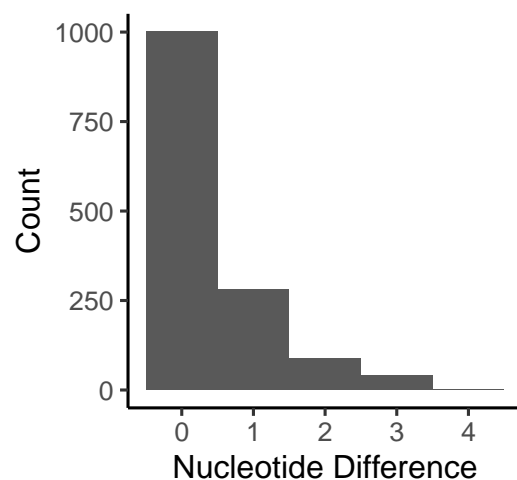
TRBV11-3*01

102 sequences assigned
85 (83.3%) exact matches, in which:
83 unique CDR3
13 unique J



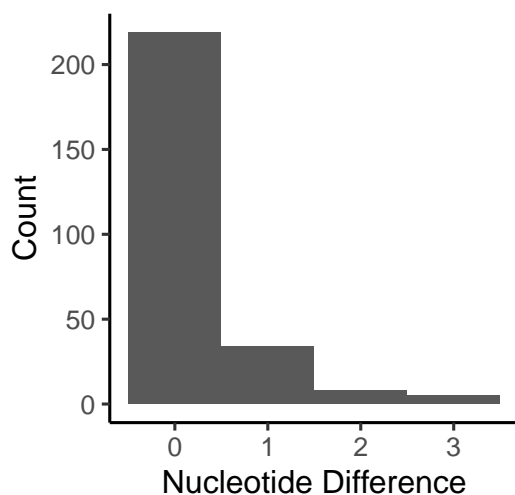
TRBV12-3*01

1413 sequences assigned
1001 (70.8%) exact matches, in which:
970 unique CDR3
13 unique J



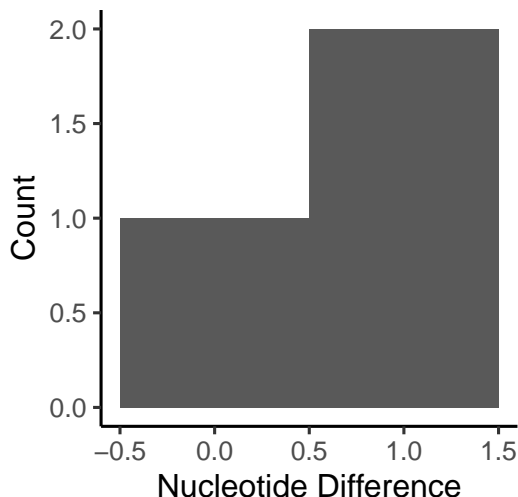
TRBV21-1*02

266 sequences assigned
219 (82.3%) exact matches, in which:
215 unique CDR3
13 unique J



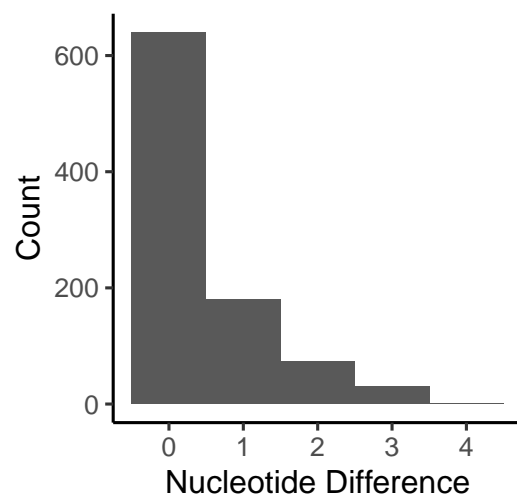
TRBV12-1*01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



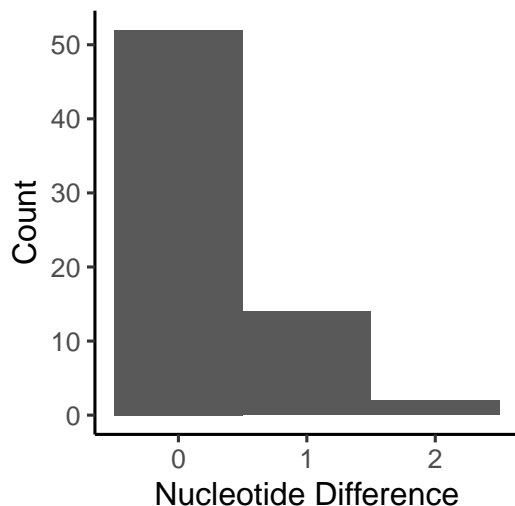
TRBV12-4*01

926 sequences assigned
640 (69.1%) exact matches, in which:
597 unique CDR3
13 unique J



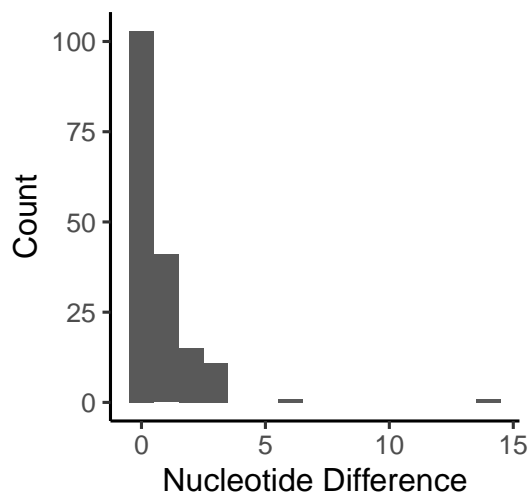
TRBV12-5*01

68 sequences assigned
52 (76.5%) exact matches, in which:
52 unique CDR3
10 unique J



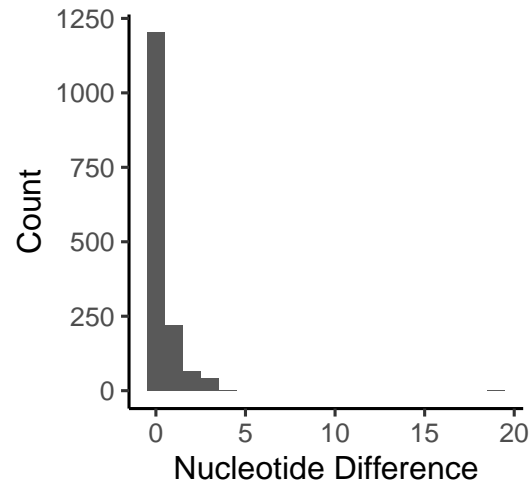
TRBV23-1*01

173 sequences assigned
103 (59.5%) exact matches, in which:
92 unique CDR3
12 unique J



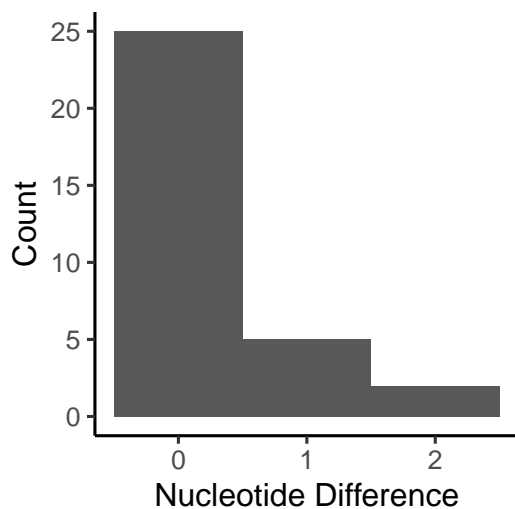
TRBV4-1*01

1536 sequences assigned
1203 (78.3%) exact matches, in which:
1144 unique CDR3
13 unique J



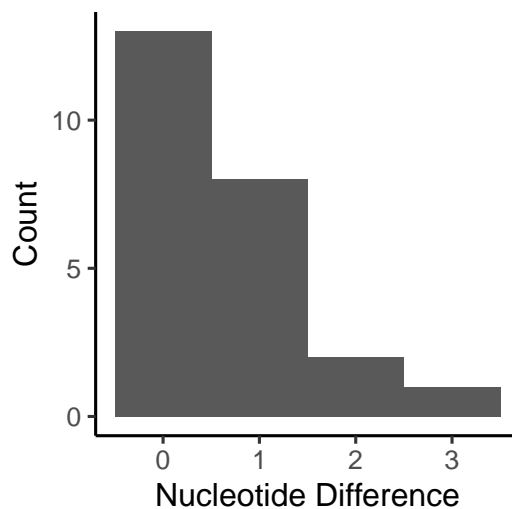
TRBV12-5*01_C28G

32 sequences assigned
25 (78.1%) exact matches, in which:
24 unique CDR3
8 unique J



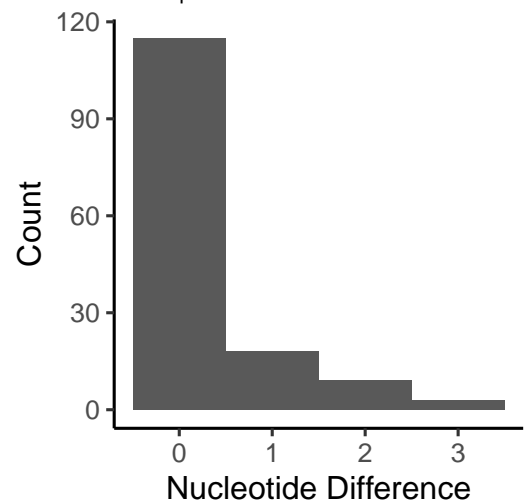
TRBV3-2*03

24 sequences assigned
13 (54.2%) exact matches, in which:
13 unique CDR3
6 unique J



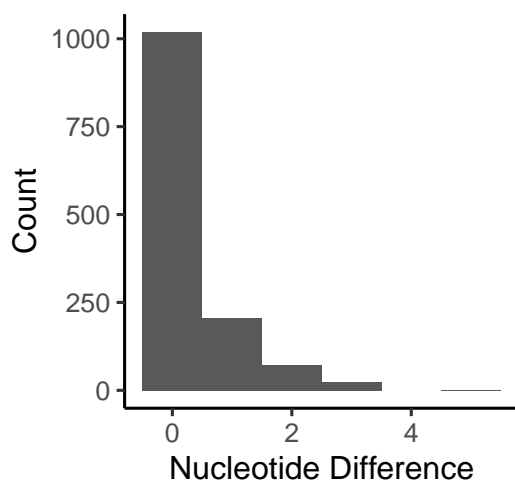
TRBV24-1*02

145 sequences assigned
115 (79.3%) exact matches, in which:
111 unique CDR3
11 unique J



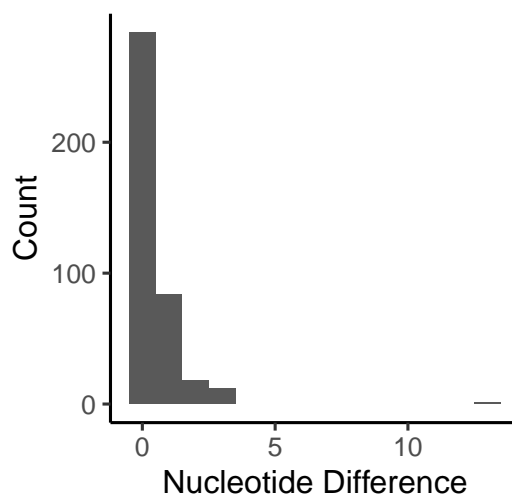
TRBV3-1*01

1321 sequences assigned
1019 (77.1%) exact matches, in which:
980 unique CDR3
13 unique J



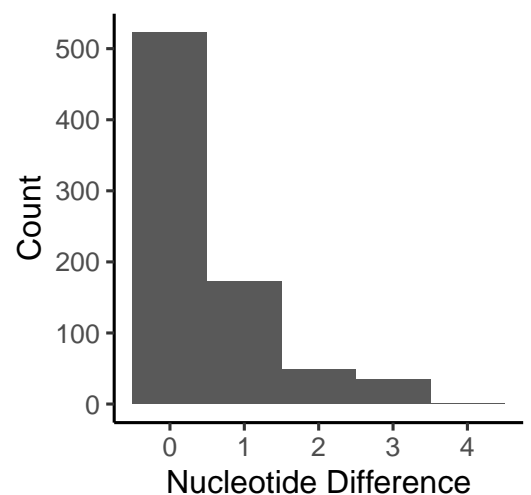
TRBV24-1*01

400 sequences assigned
284 (71%) exact matches, in which:
273 unique CDR3
13 unique J



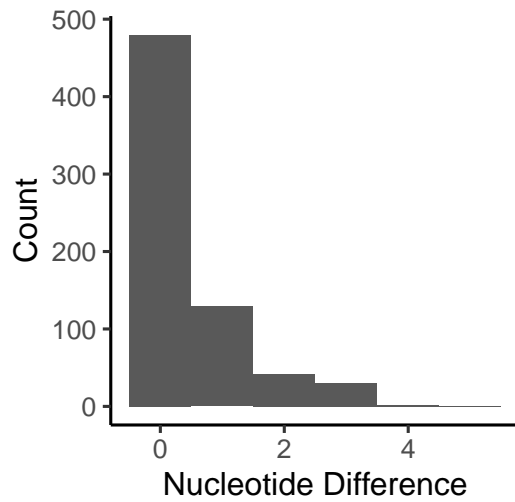
TRBV4-2*01

780 sequences assigned
523 (67.1%) exact matches, in which:
472 unique CDR3
13 unique J



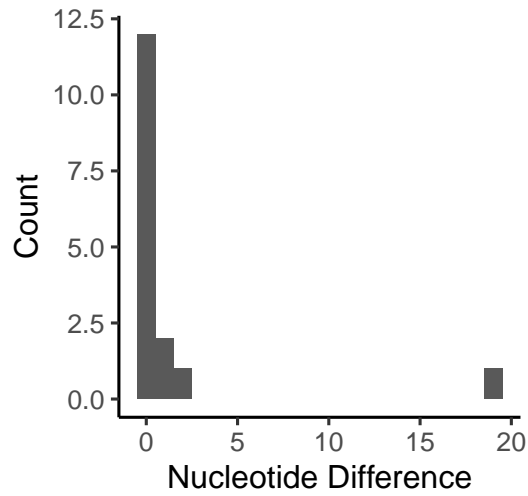
TRBV4-3*01

685 sequences assigned
480 (70.1%) exact matches, in which:
441 unique CDR3
13 unique J



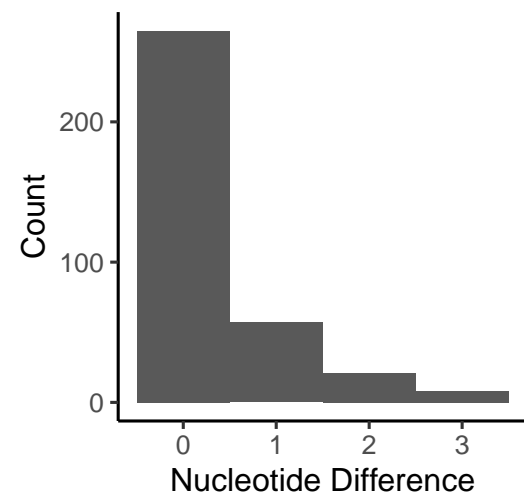
TRBV5-3*01

16 sequences assigned
12 (75%) exact matches, in which:
12 unique CDR3
8 unique J



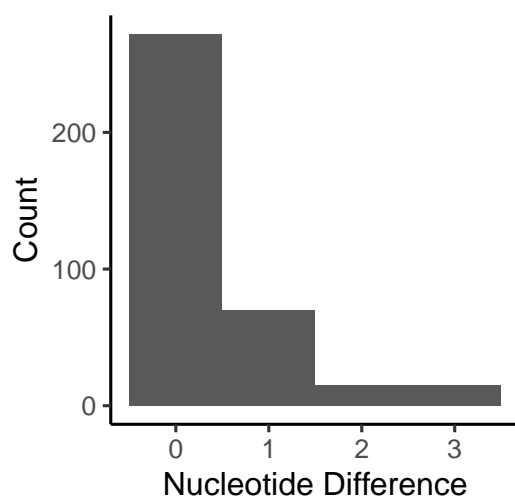
TRBV5-6*01

351 sequences assigned
265 (75.5%) exact matches, in which:
250 unique CDR3
13 unique J



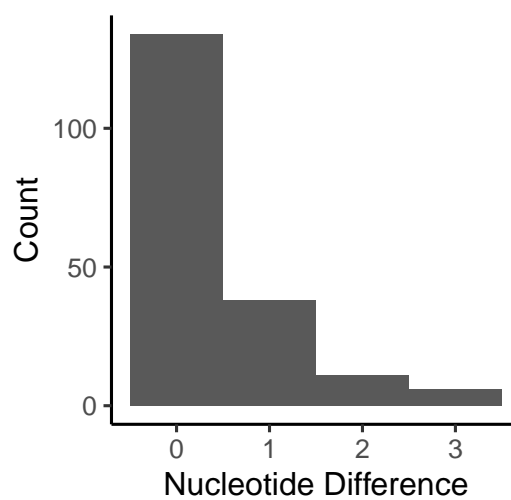
TRBV25-1*01

373 sequences assigned
272 (72.9%) exact matches, in which:
264 unique CDR3
13 unique J



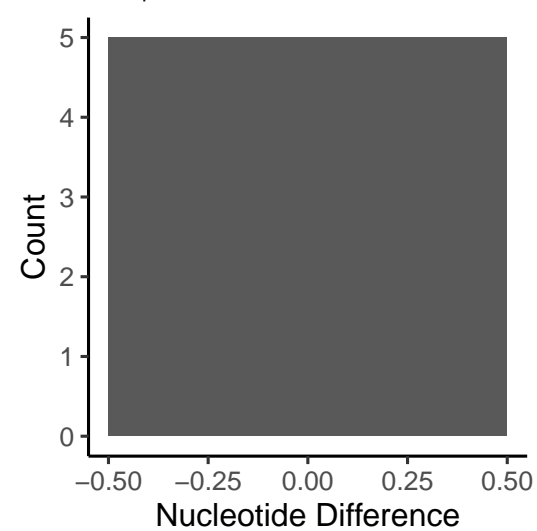
TRBV5-4*01

189 sequences assigned
134 (70.9%) exact matches, in which:
130 unique CDR3
12 unique J



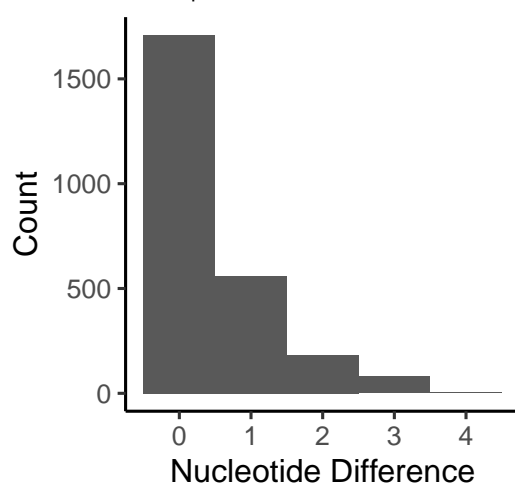
TRBV5-7*01

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



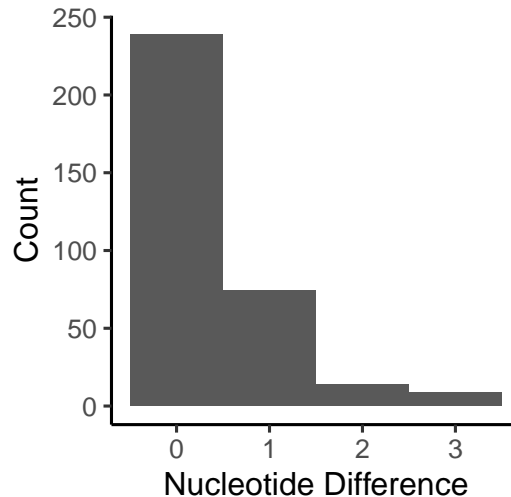
TRBV5-1*01

2539 sequences assigned
1709 (67.3%) exact matches, in which:
1634 unique CDR3
13 unique J



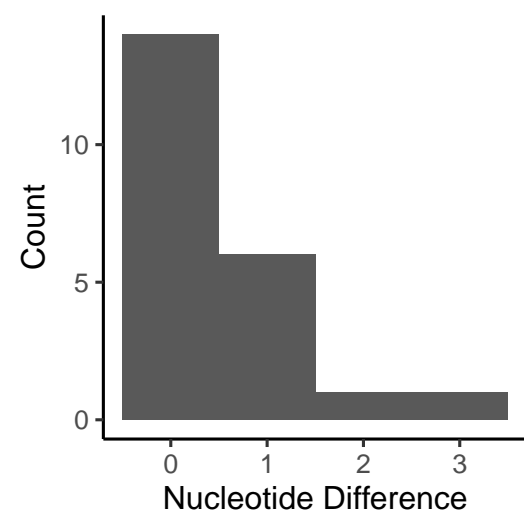
TRBV5-5*02_322TTGG3

336 sequences assigned
239 (71.1%) exact matches, in which:
222 unique CDR3
13 unique J



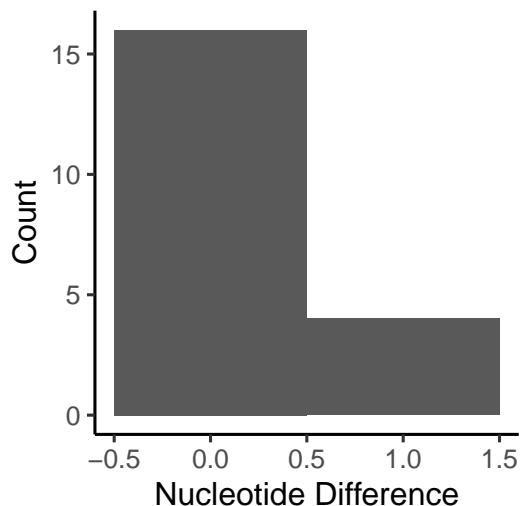
TRBV5-8*01

22 sequences assigned
14 (63.6%) exact matches, in which:
14 unique CDR3
9 unique J



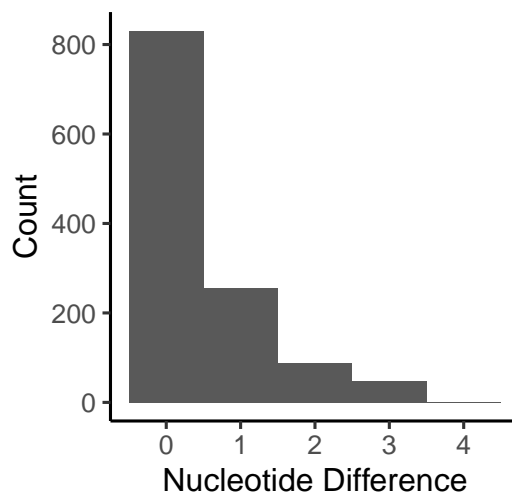
TRBV5-8*01_C56T_C276

20 sequences assigned
16 (80%) exact matches, in which:
16 unique CDR3
8 unique J



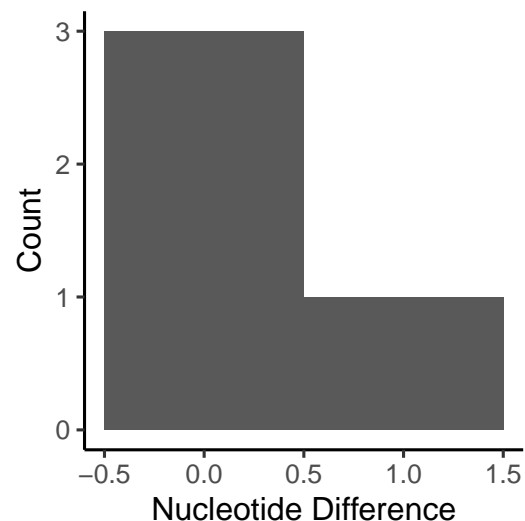
TRBV6-5*01

1223 sequences assigned
831 (67.9%) exact matches, in which:
770 unique CDR3
13 unique J



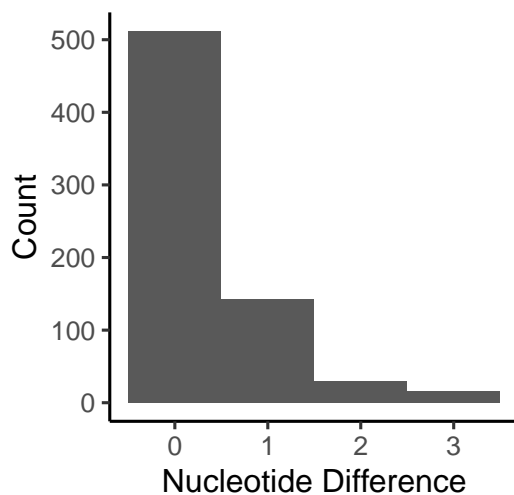
TRBV6-8*01

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



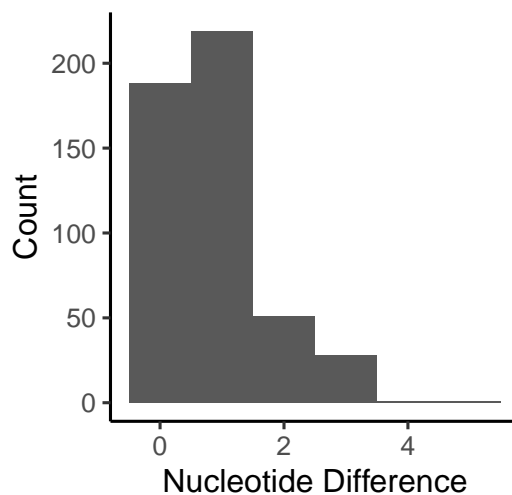
TRBV6-1*01

702 sequences assigned
512 (72.9%) exact matches, in which:
493 unique CDR3
13 unique J



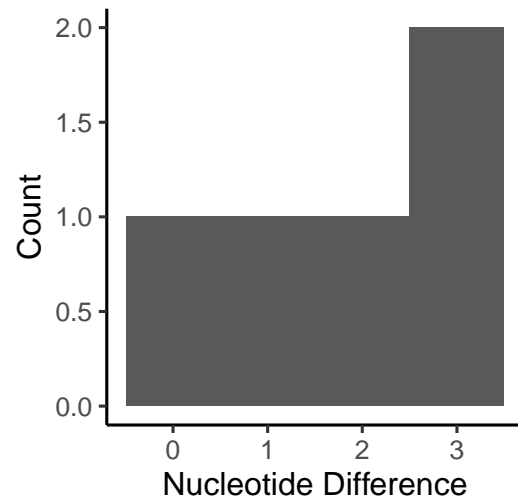
TRBV6-6*01

490 sequences assigned
188 (38.4%) exact matches, in which:
183 unique CDR3
13 unique J



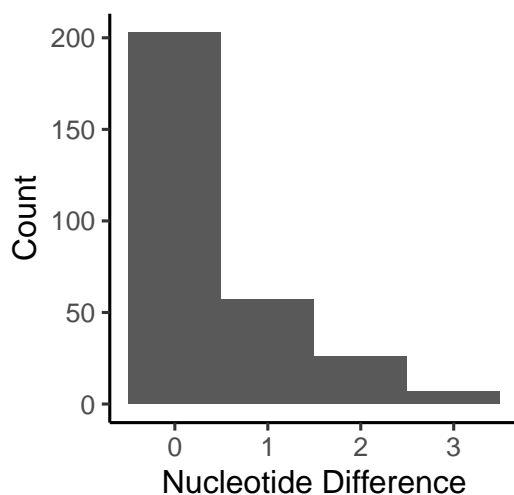
TRBV6-9*01

5 sequences assigned
1 (20%) exact matches, in which:
1 unique CDR3
1 unique J



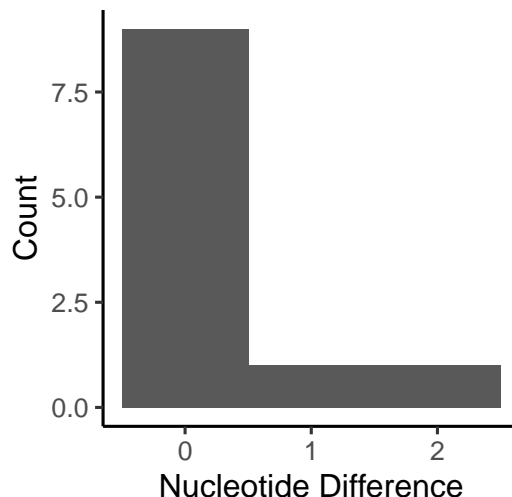
TRBV6-4*01

293 sequences assigned
203 (69.3%) exact matches, in which:
163 unique CDR3
12 unique J



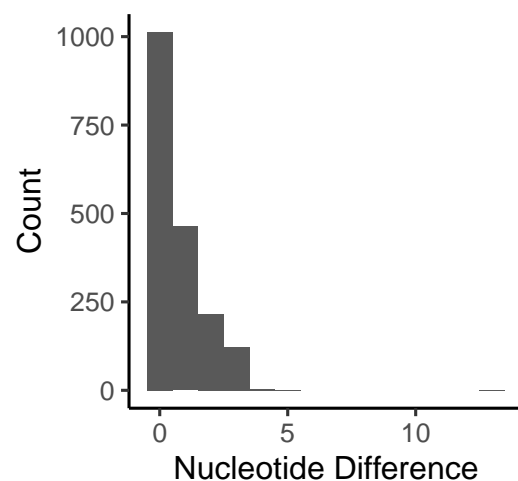
TRBV6-7*01

11 sequences assigned
9 (81.8%) exact matches, in which:
9 unique CDR3
6 unique J



TRBV6-23*01

1822 sequences assigned
1013 (55.6%) exact matches, in which:
783 unique CDR3
13 unique J



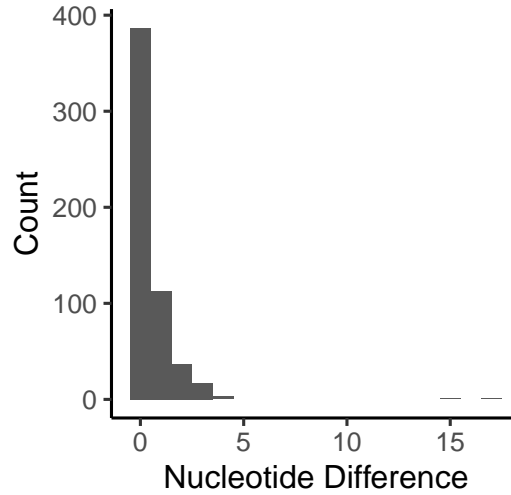
TRBV7-1*01

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



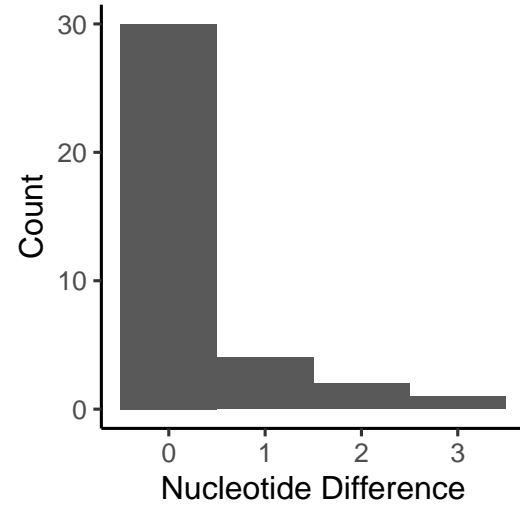
TRBV7-3*01

559 sequences assigned
387 (69.2%) exact matches, in which:
373 unique CDR3
13 unique J



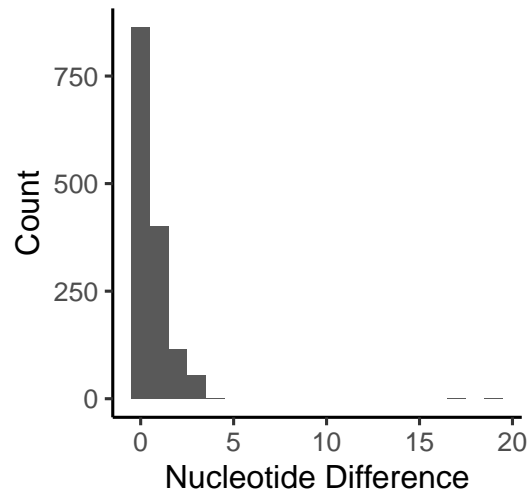
TRBV7-7*01

37 sequences assigned
30 (81.1%) exact matches, in which:
29 unique CDR3
6 unique J



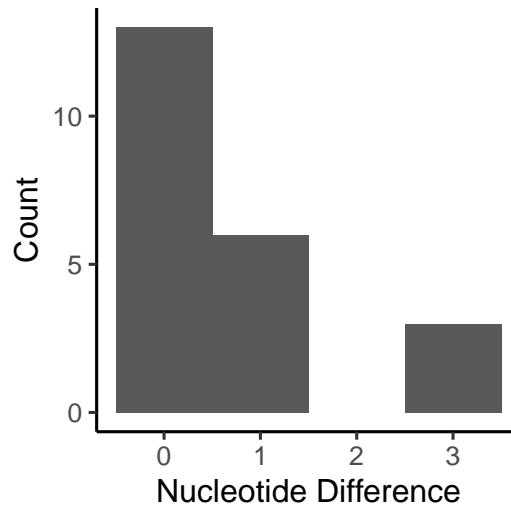
TRBV7-2*01

1439 sequences assigned
864 (60%) exact matches, in which:
746 unique CDR3
13 unique J



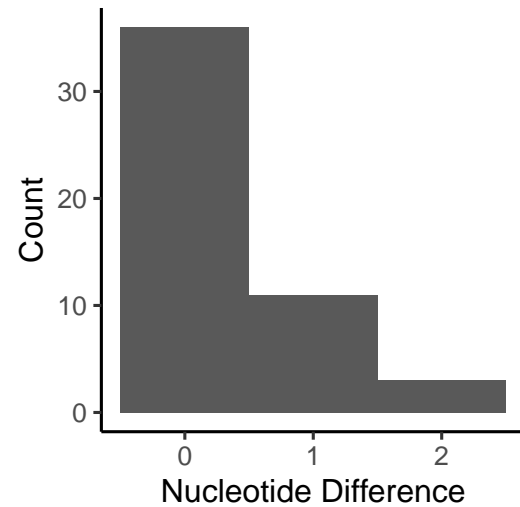
TRBV7-4*01

22 sequences assigned
13 (59.1%) exact matches, in which:
13 unique CDR3
6 unique J



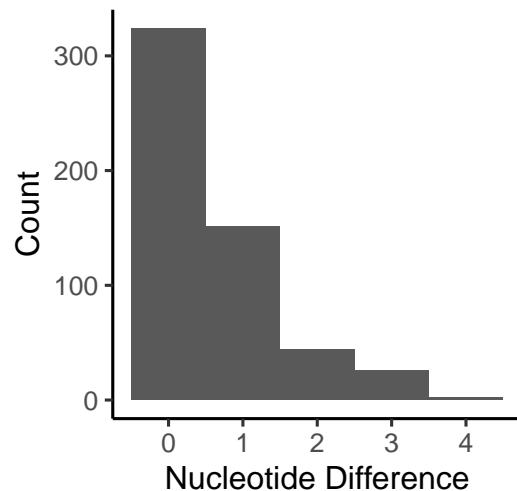
TRBV7-7*01_C315T

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



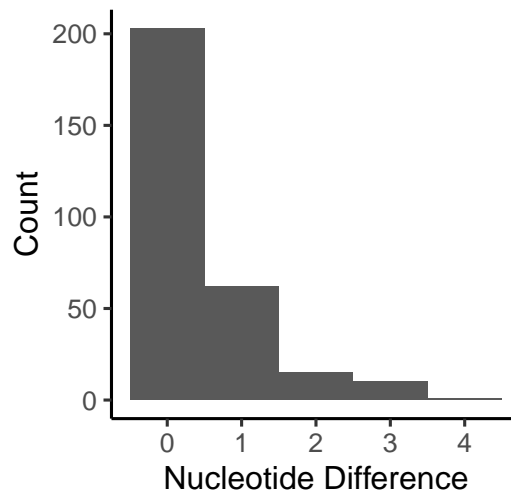
TRBV7-2*02

547 sequences assigned
324 (59.2%) exact matches, in which:
296 unique CDR3
13 unique J



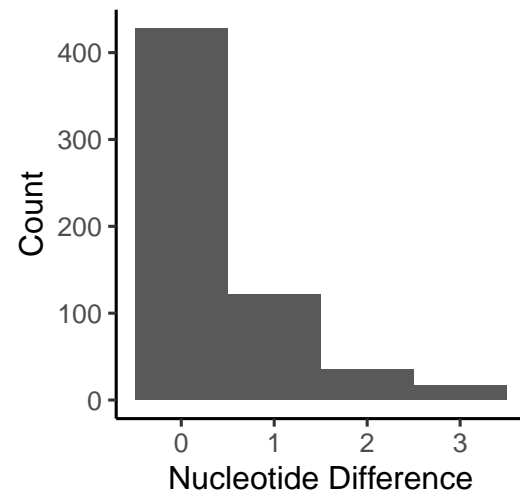
TRBV7-6*01

291 sequences assigned
203 (69.8%) exact matches, in which:
193 unique CDR3
13 unique J



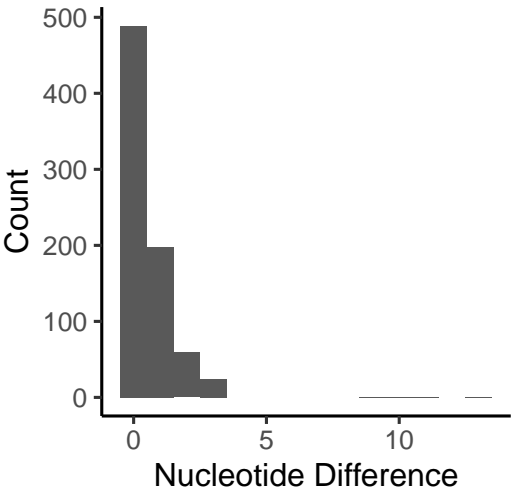
TRBV7-8*01

602 sequences assigned
428 (71.1%) exact matches, in which:
399 unique CDR3
13 unique J



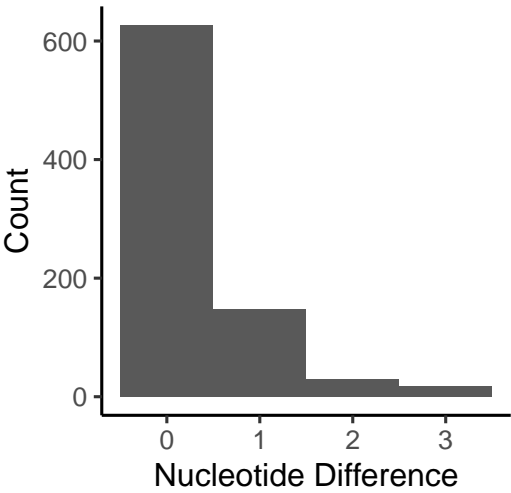
TRBV7-9*01

774 sequences assigned
489 (63.2%) exact matches, in which:
444 unique CDR3
13 unique J



TRBV7-9*03

822 sequences assigned
627 (76.3%) exact matches, in which:
602 unique CDR3
13 unique J



TRBV29-1*01

2097 sequences assigned
1363 (65%) exact matches, in which:
1244 unique CDR3
13 unique J

