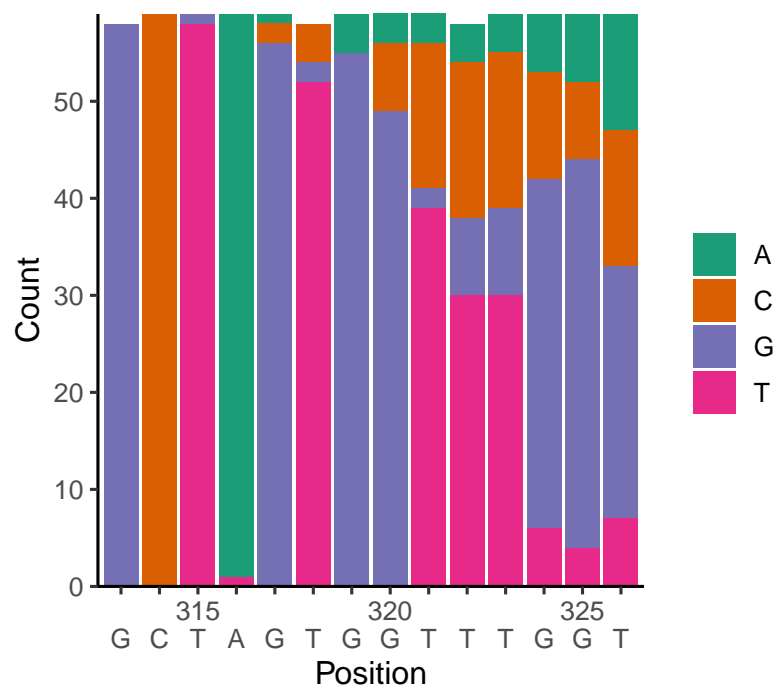
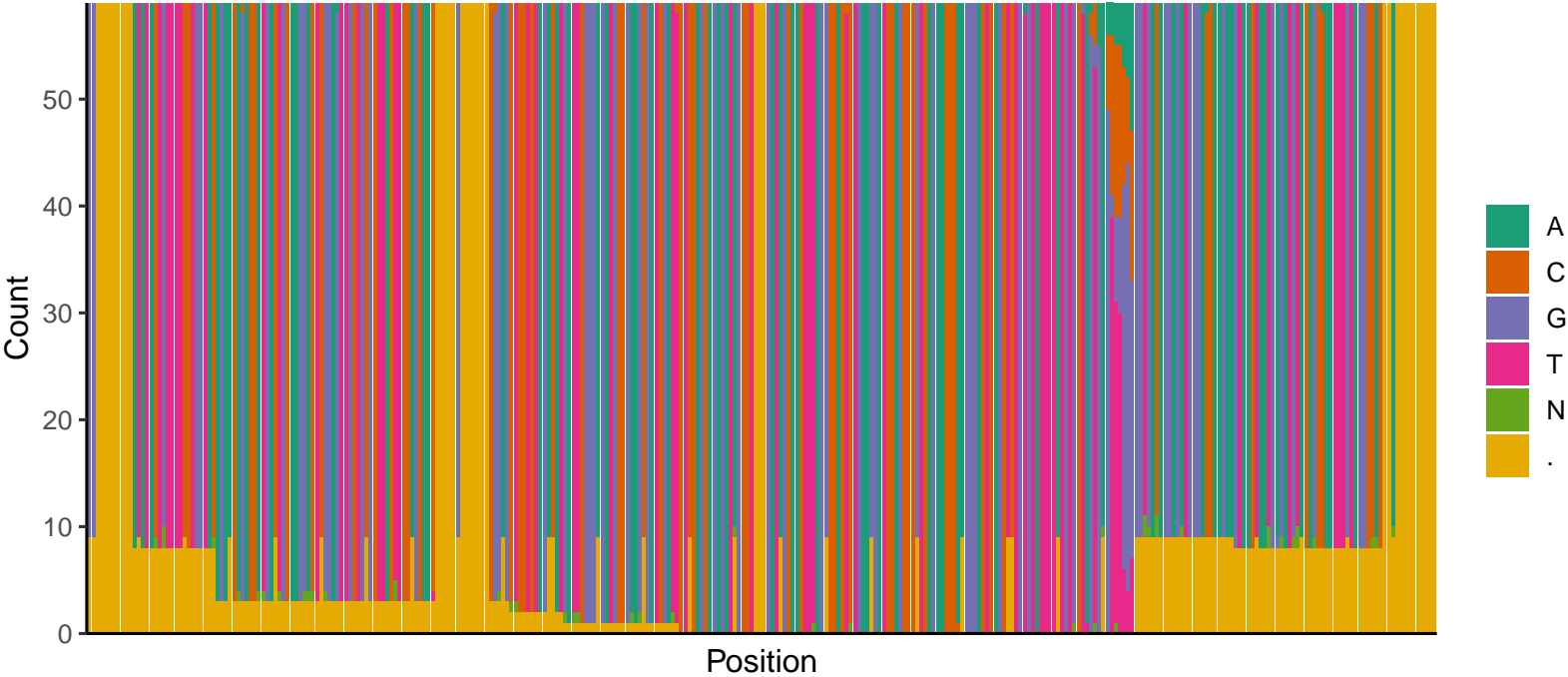


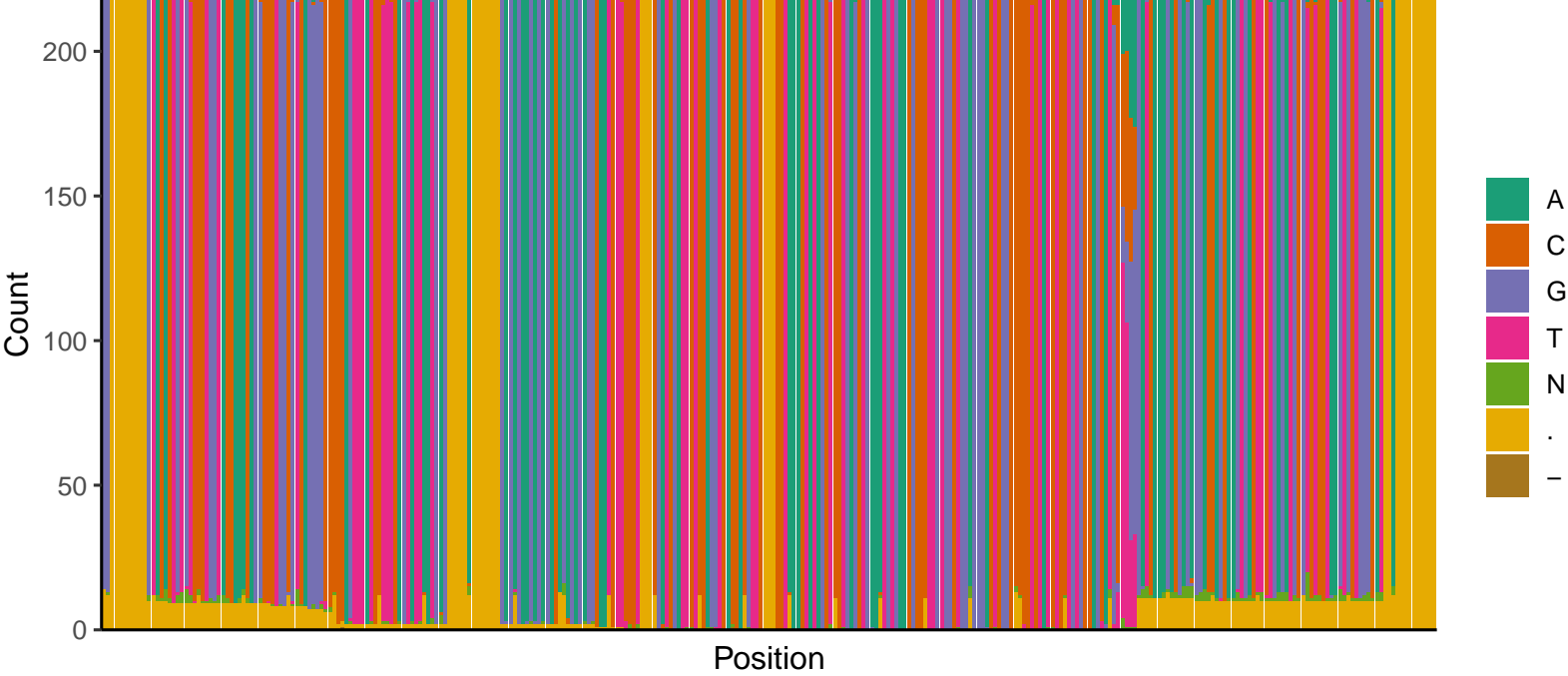
Gene TRBV12-5*01_C28G



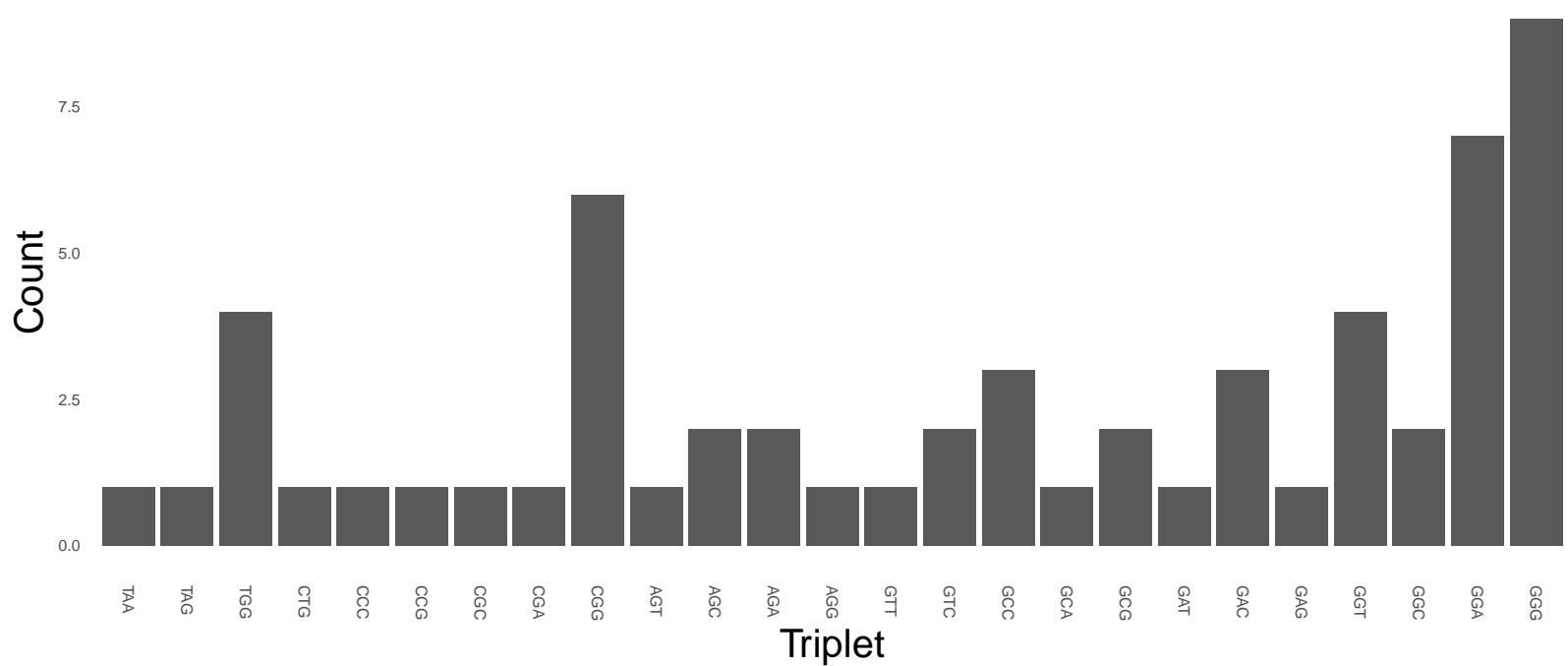
Gene TRBV12-5*01_C28G



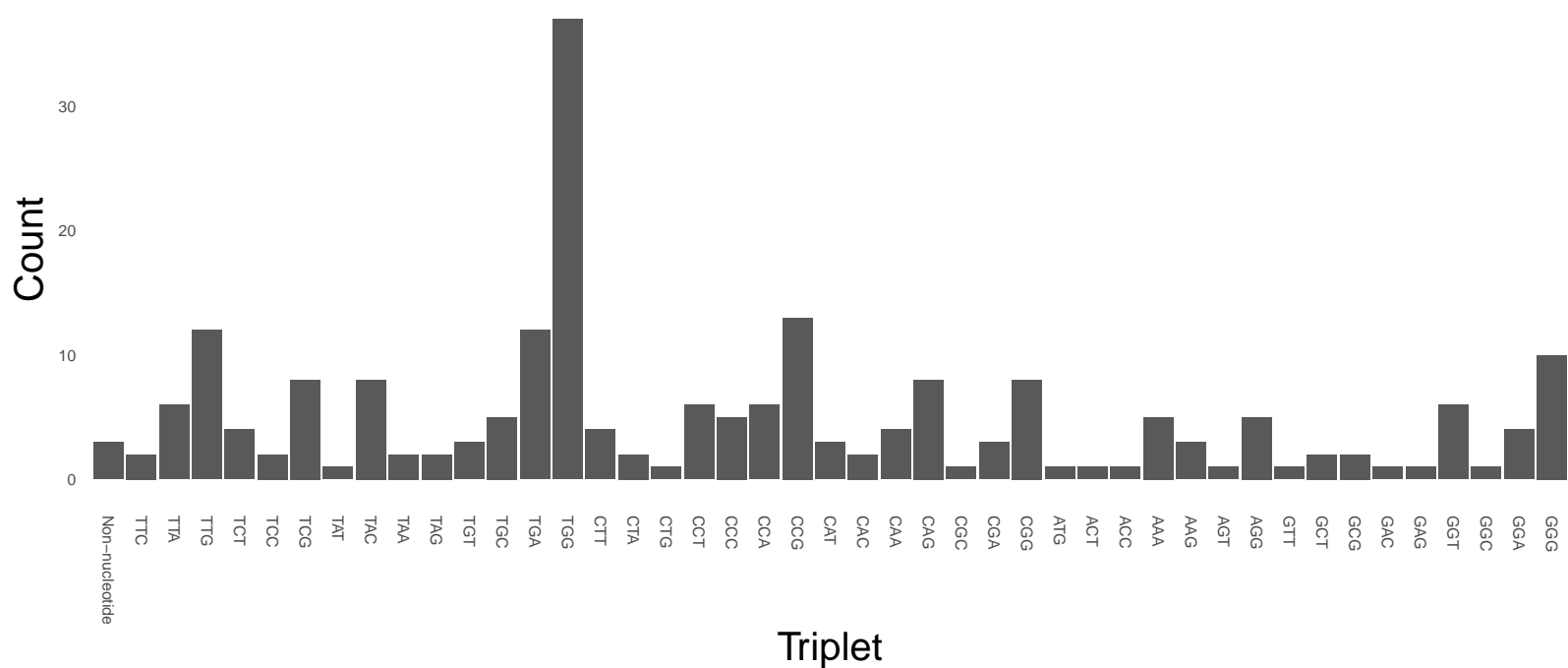
Gene TRBV5-6*01_T284G



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

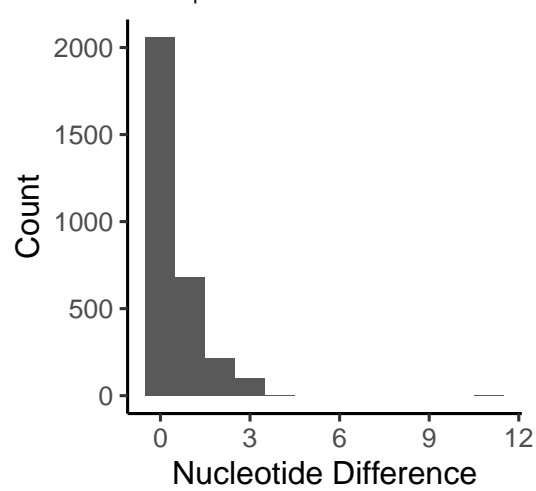


TRBV5–6*01_T284G– Final 3 nucleotides as a triplet



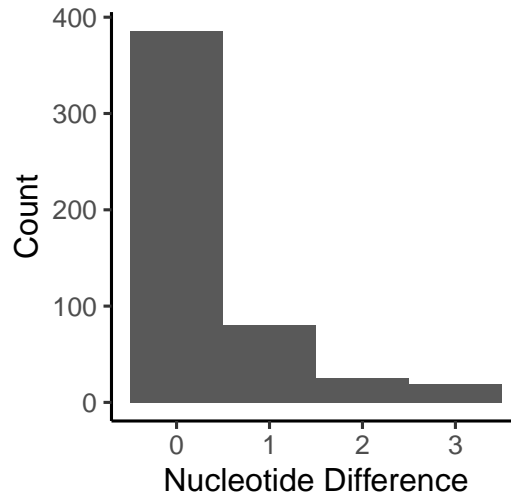
TRBV20-1*01

3060 sequences assigned
2058 (67.3%) exact matches, in which:
1851 unique CDR3
13 unique J



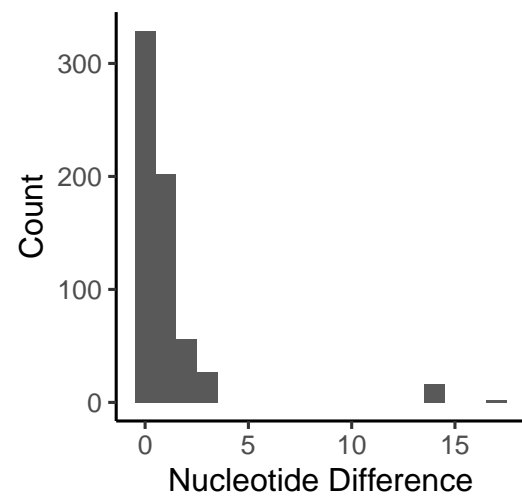
TRBV10-3*01

510 sequences assigned
386 (75.7%) exact matches, in which:
356 unique CDR3
13 unique J



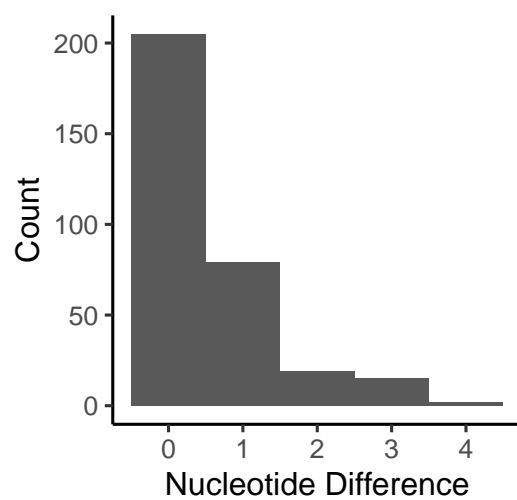
TRBV13*01

632 sequences assigned
329 (52.1%) exact matches, in which:
212 unique CDR3
13 unique J



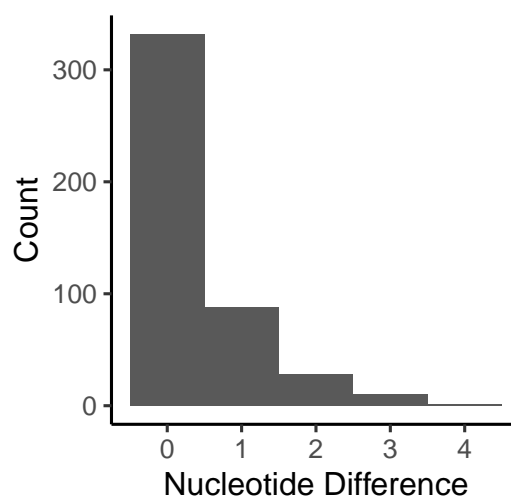
TRBV10-1*01

320 sequences assigned
205 (64.1%) exact matches, in which:
158 unique CDR3
12 unique J



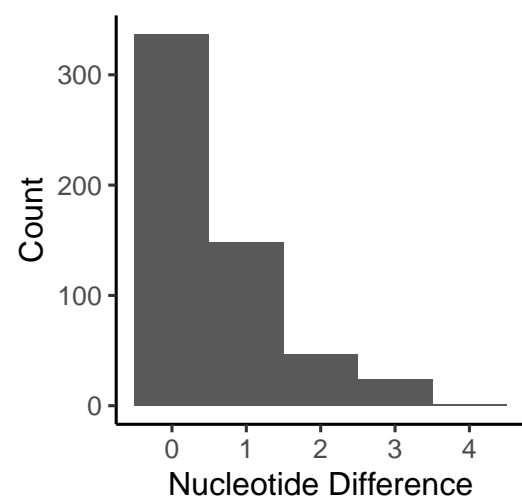
TRBV10-3*02

459 sequences assigned
332 (72.3%) exact matches, in which:
307 unique CDR3
13 unique J



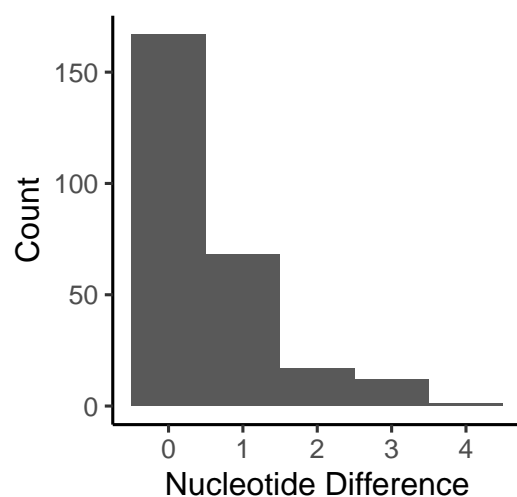
TRBV14*01

557 sequences assigned
337 (60.5%) exact matches, in which:
246 unique CDR3
13 unique J



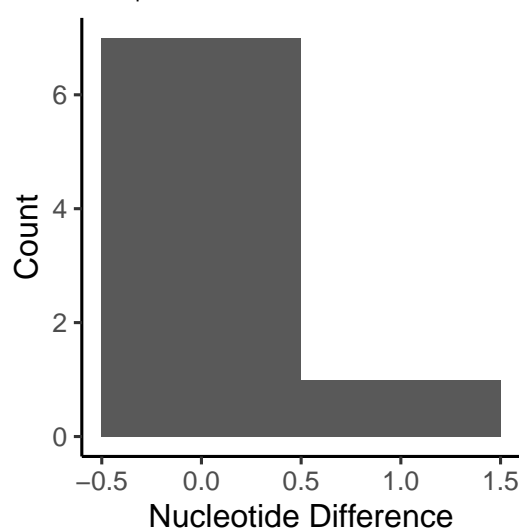
TRBV10-2*01

266 sequences assigned
167 (62.8%) exact matches, in which:
101 unique CDR3
13 unique J



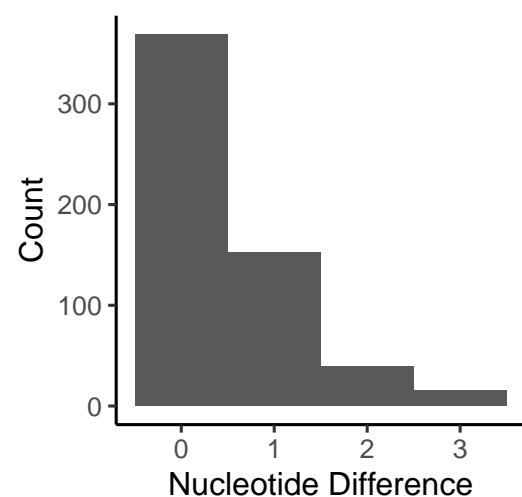
TRBV1*01

8 sequences assigned
7 (87.5%) exact matches, in which:
7 unique CDR3
4 unique J



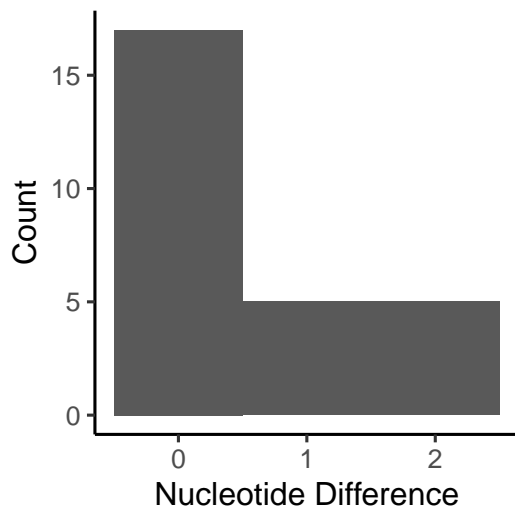
TRBV15*02

575 sequences assigned
369 (64.2%) exact matches, in which:
333 unique CDR3
13 unique J



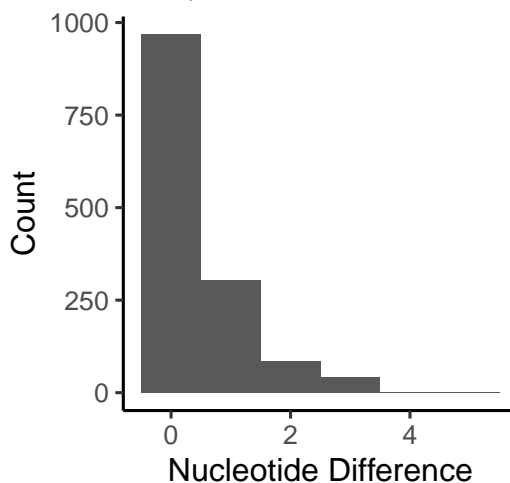
TRBV16*01

27 sequences assigned
17 (63%) exact matches, in which:
17 unique CDR3
8 unique J



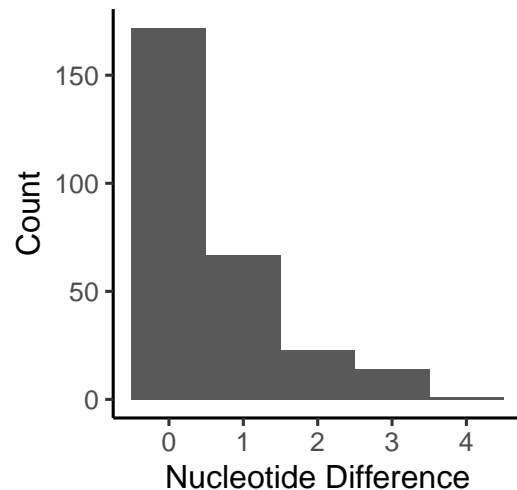
TRBV2*01

1400 sequences assigned
968 (69.1%) exact matches, in which:
859 unique CDR3
13 unique J



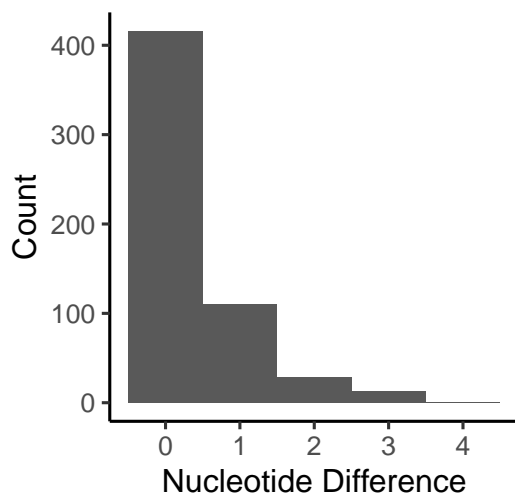
TRBV30*01

277 sequences assigned
172 (62.1%) exact matches, in which:
161 unique CDR3
13 unique J



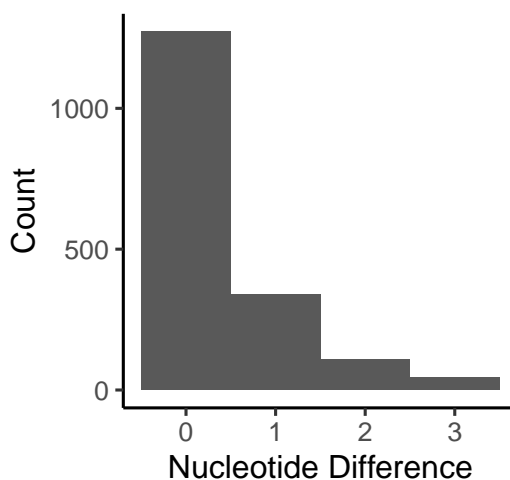
TRBV18*01

568 sequences assigned
416 (73.2%) exact matches, in which:
370 unique CDR3
13 unique J



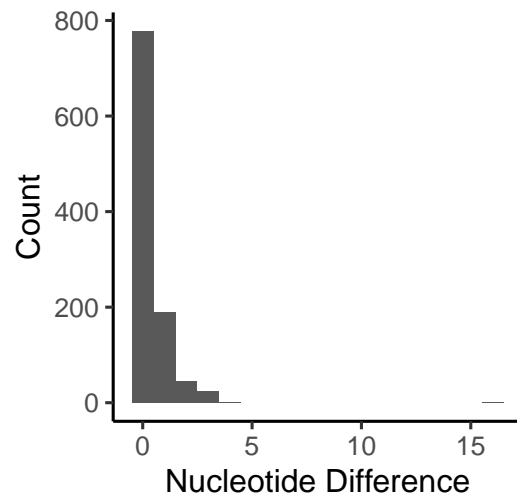
TRBV27*01

1768 sequences assigned
1272 (71.9%) exact matches, in which:
1162 unique CDR3
13 unique J



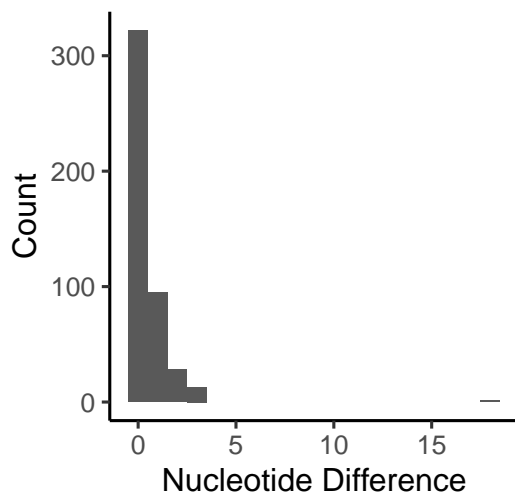
TRBV9*01

1040 sequences assigned
778 (74.8%) exact matches, in which:
729 unique CDR3
13 unique J



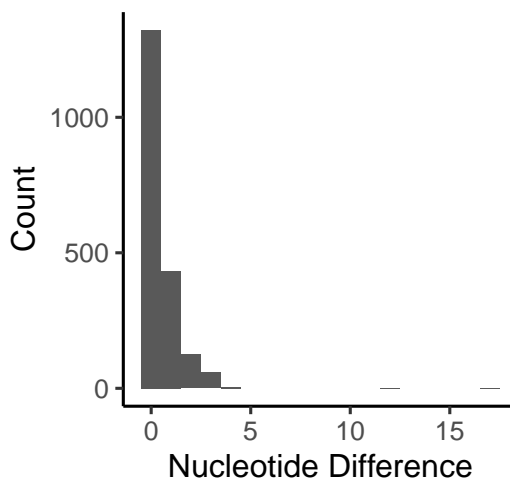
TRBV19*01

460 sequences assigned
322 (70%) exact matches, in which:
308 unique CDR3
13 unique J



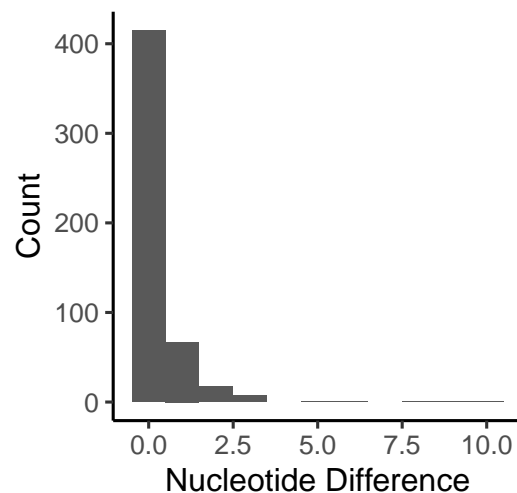
TRBV28*01

1946 sequences assigned
1322 (67.9%) exact matches, in which:
1045 unique CDR3
13 unique J



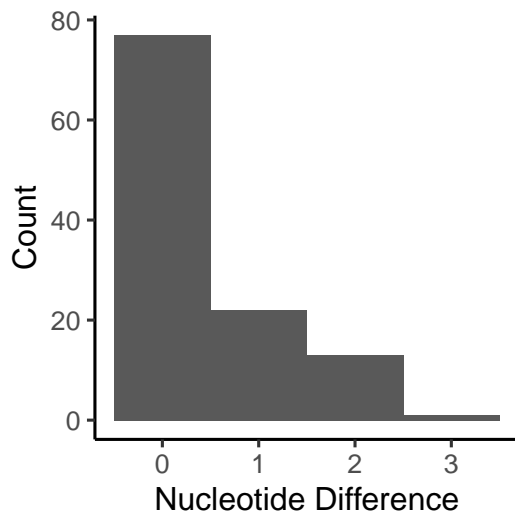
TRBV21-1*01

512 sequences assigned
415 (81.1%) exact matches, in which:
393 unique CDR3
13 unique J



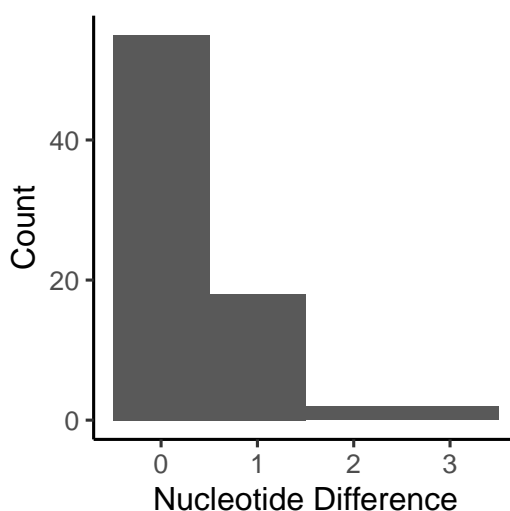
TRBV11-1*01

113 sequences assigned
77 (68.1%) exact matches, in which:
71 unique CDR3
12 unique J



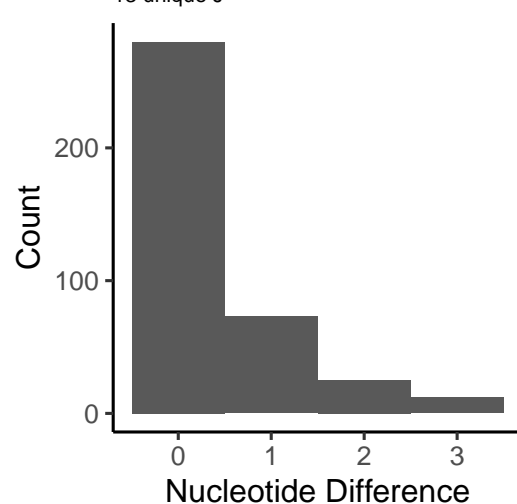
TRBV11-3*01

77 sequences assigned
55 (71.4%) exact matches, in which:
55 unique CDR3
8 unique J



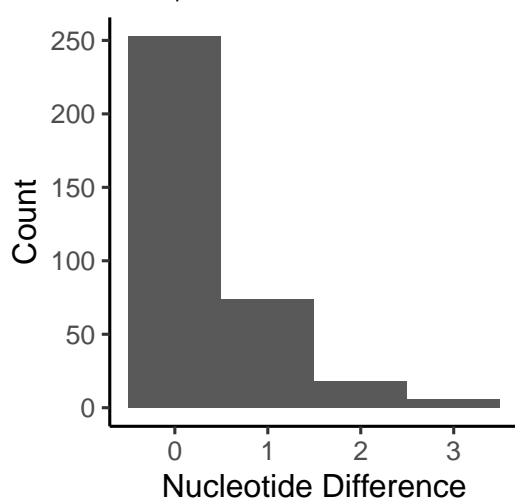
TRBV12-4*01

390 sequences assigned
280 (71.8%) exact matches, in which:
265 unique CDR3
13 unique J



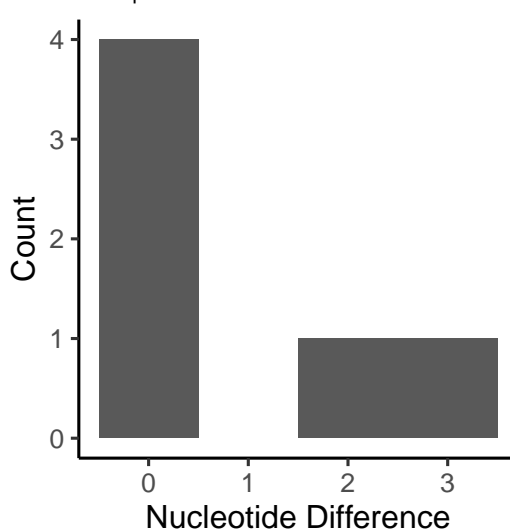
TRBV11-2*01

352 sequences assigned
253 (71.9%) exact matches, in which:
231 unique CDR3
13 unique J



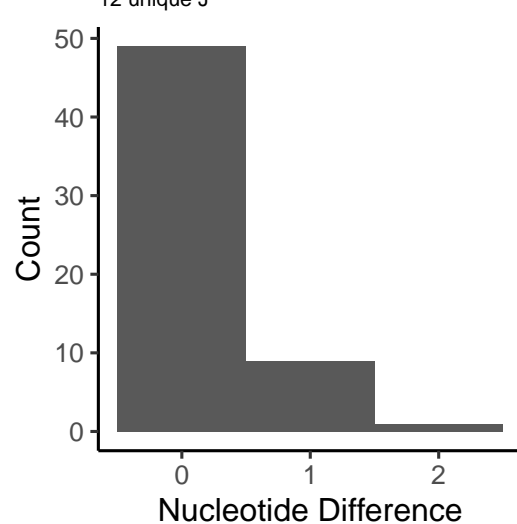
TRBV12-1*01

6 sequences assigned
4 (66.7%) exact matches, in which:
4 unique CDR3
3 unique J



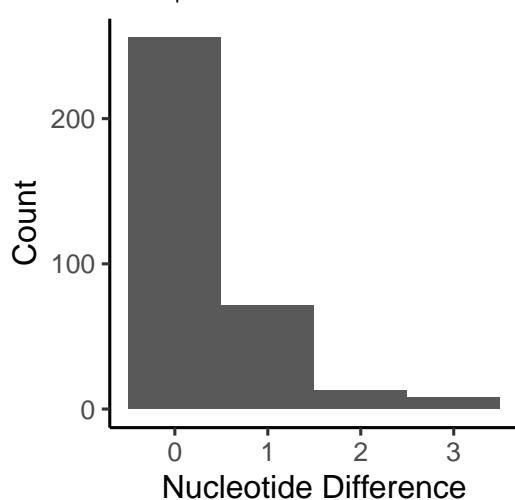
TRBV12-5*01_C28G

59 sequences assigned
49 (83.1%) exact matches, in which:
47 unique CDR3
12 unique J



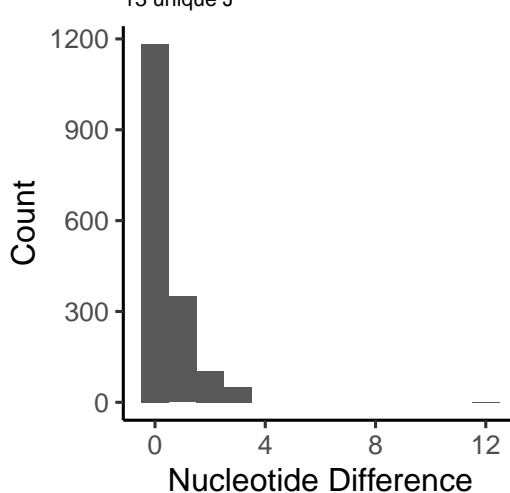
TRBV11-2*03

348 sequences assigned
256 (73.6%) exact matches, in which:
239 unique CDR3
13 unique J



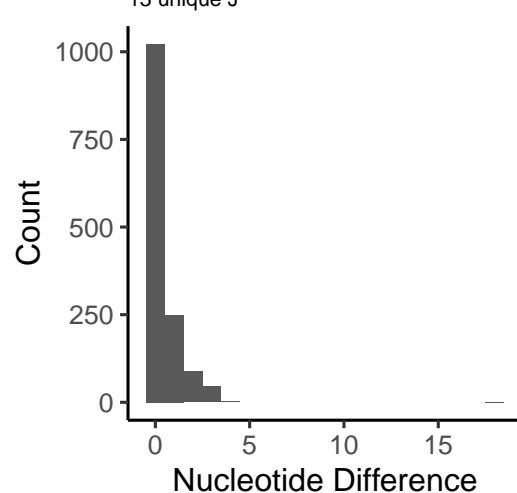
TRBV12-3*01

1687 sequences assigned
1183 (70.1%) exact matches, in which:
1081 unique CDR3
13 unique J



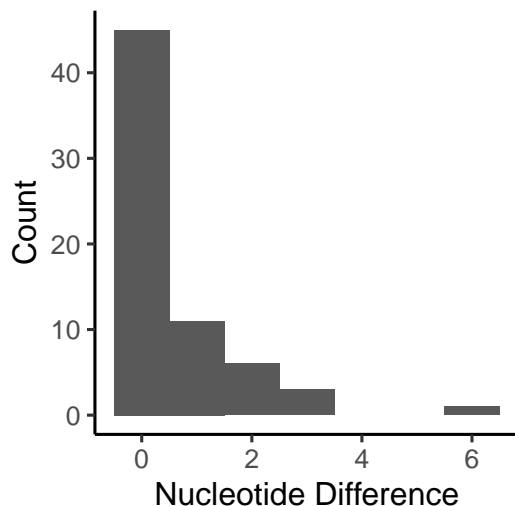
TRBV3-1*01

1407 sequences assigned
1022 (72.6%) exact matches, in which:
954 unique CDR3
13 unique J



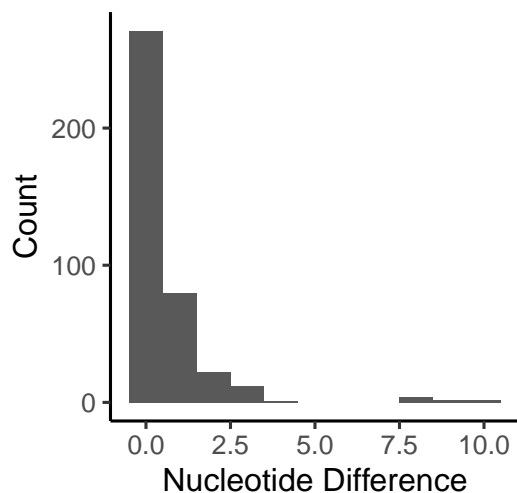
TRBV23-1*01

67 sequences assigned
45 (67.2%) exact matches, in which:
45 unique CDR3
12 unique J



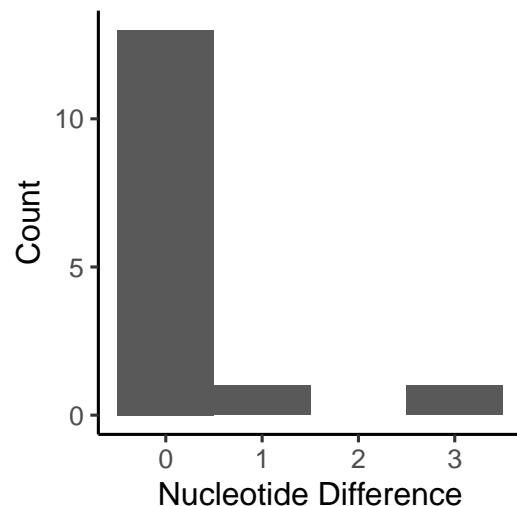
TRBV4-2*01

394 sequences assigned
271 (68.8%) exact matches, in which:
250 unique CDR3
13 unique J



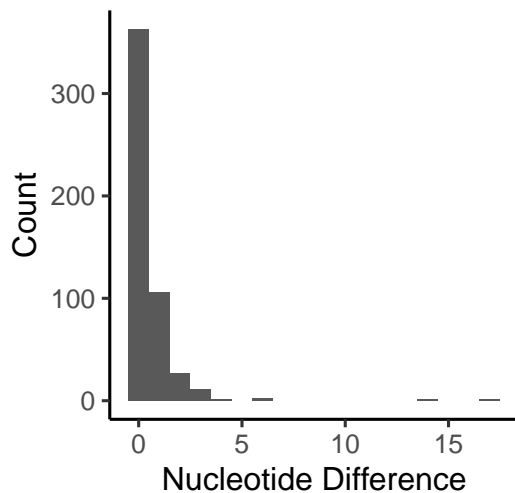
TRBV5-3*01

15 sequences assigned
13 (86.7%) exact matches, in which:
13 unique CDR3
8 unique J



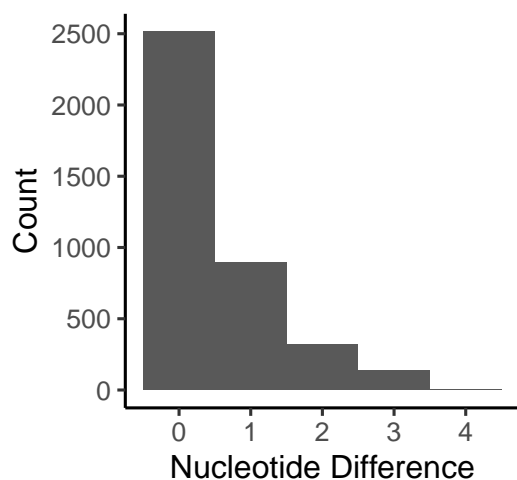
TRBV24-1*01

512 sequences assigned
363 (70.9%) exact matches, in which:
332 unique CDR3
12 unique J



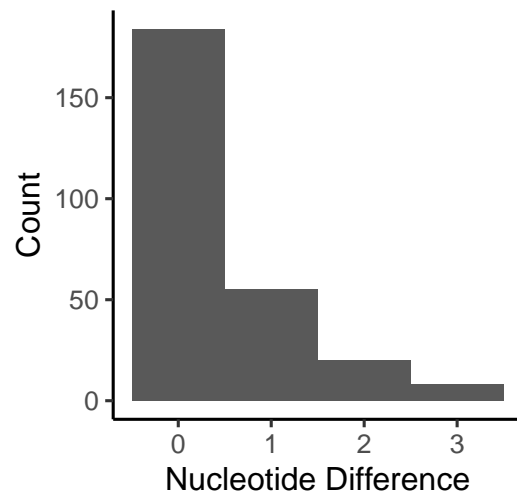
TRBV5-1*01

3875 sequences assigned
2514 (64.9%) exact matches, in which:
2120 unique CDR3
13 unique J



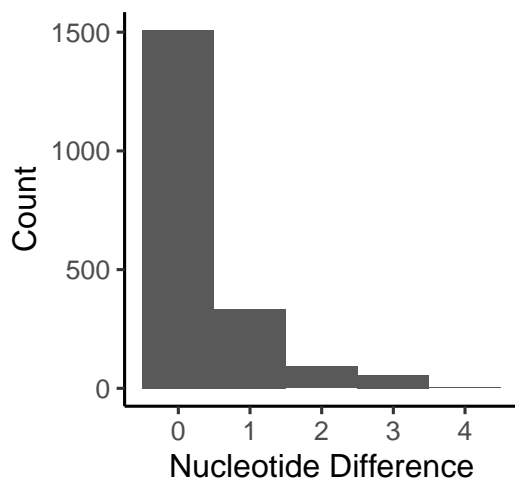
TRBV5-4*01

267 sequences assigned
184 (68.9%) exact matches, in which:
165 unique CDR3
13 unique J



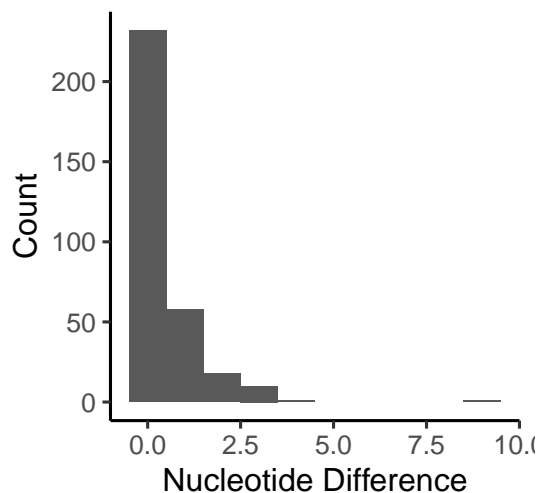
TRBV4-1*01

1998 sequences assigned
1509 (75.5%) exact matches, in which:
1349 unique CDR3
13 unique J



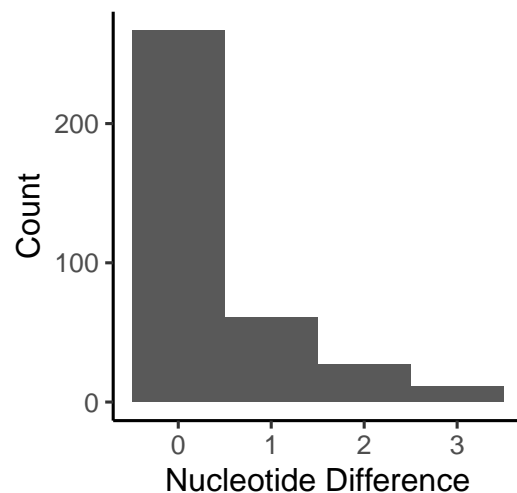
TRBV25-1*01

320 sequences assigned
232 (72.5%) exact matches, in which:
210 unique CDR3
13 unique J



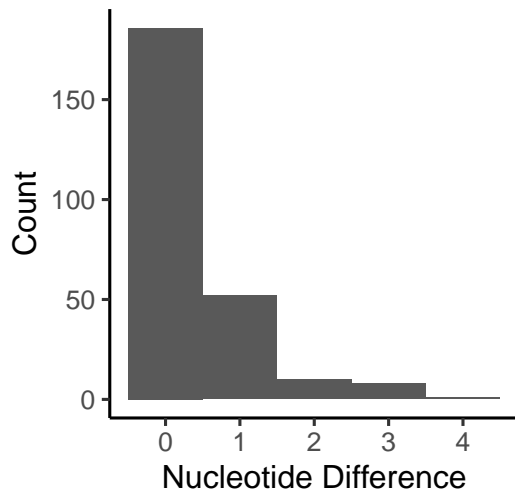
TRBV5-5*01

366 sequences assigned
267 (73%) exact matches, in which:
250 unique CDR3
13 unique J



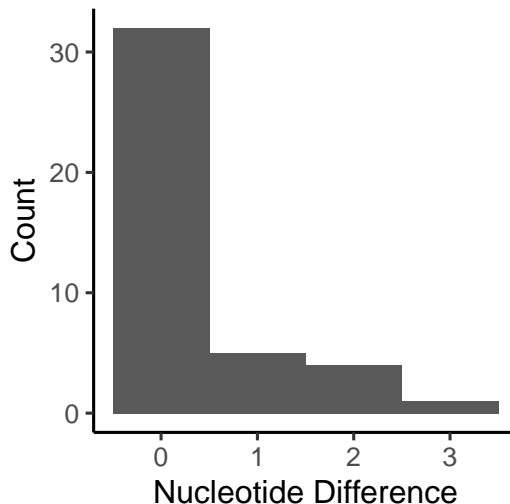
TRBV5-6*01

257 sequences assigned
186 (72.4%) exact matches, in which:
166 unique CDR3
12 unique J



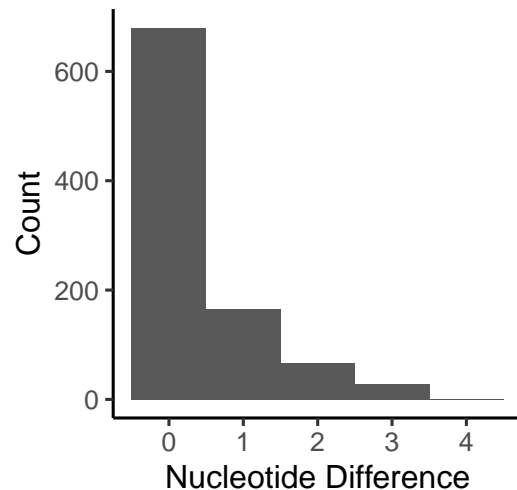
TRBV5-8*01

42 sequences assigned
32 (76.2%) exact matches, in which:
30 unique CDR3
11 unique J



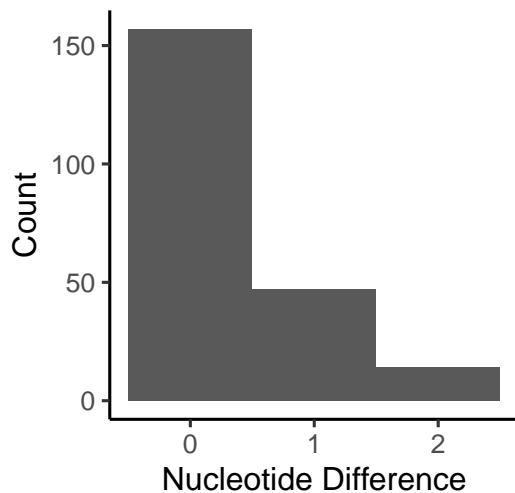
TRBV6-5*01

940 sequences assigned
680 (72.3%) exact matches, in which:
648 unique CDR3
13 unique J



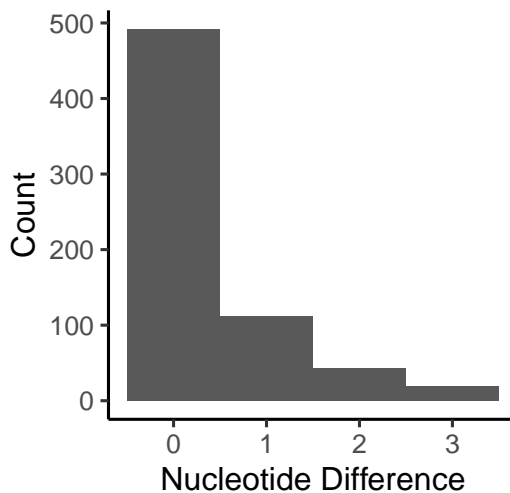
TRBV5-6*01_T284G

218 sequences assigned
157 (72%) exact matches, in which:
144 unique CDR3
13 unique J



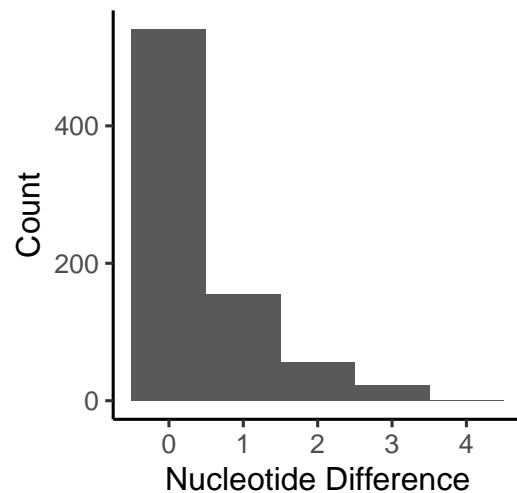
TRBV6-1*01

667 sequences assigned
492 (73.8%) exact matches, in which:
465 unique CDR3
13 unique J



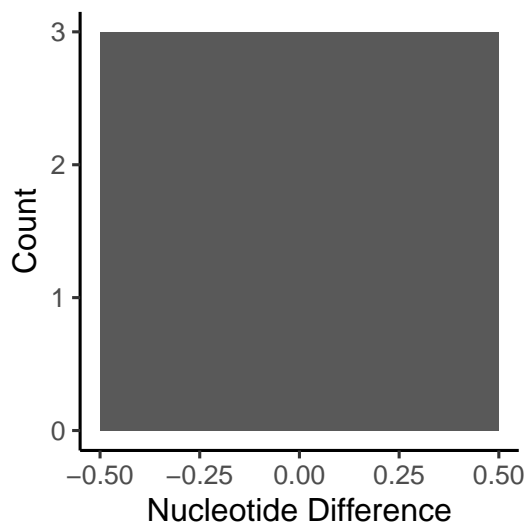
TRBV6-6*02

776 sequences assigned
541 (69.7%) exact matches, in which:
457 unique CDR3
13 unique J



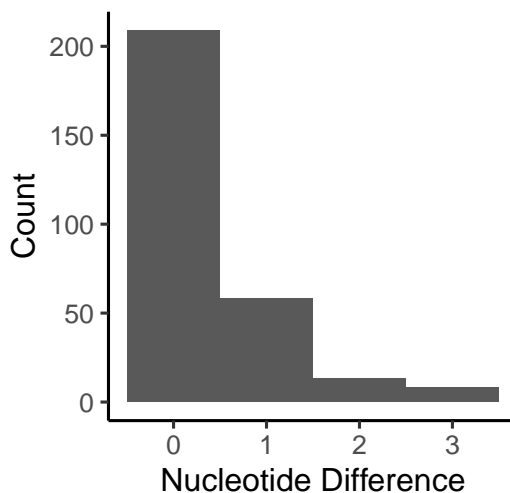
TRBV5-7*01

3 sequences assigned
3 (100%) exact matches, in which:
3 unique CDR3
3 unique J



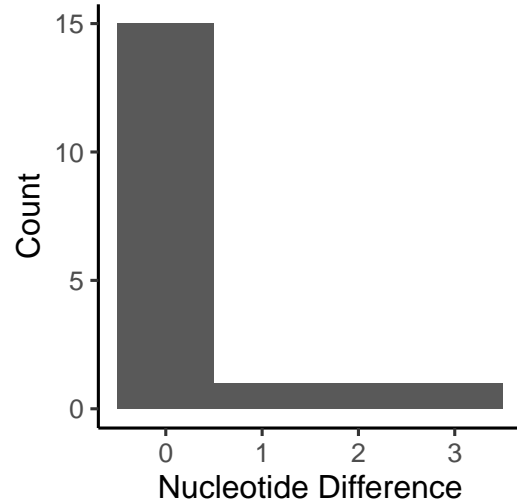
TRBV6-4*01

288 sequences assigned
209 (72.6%) exact matches, in which:
158 unique CDR3
12 unique J



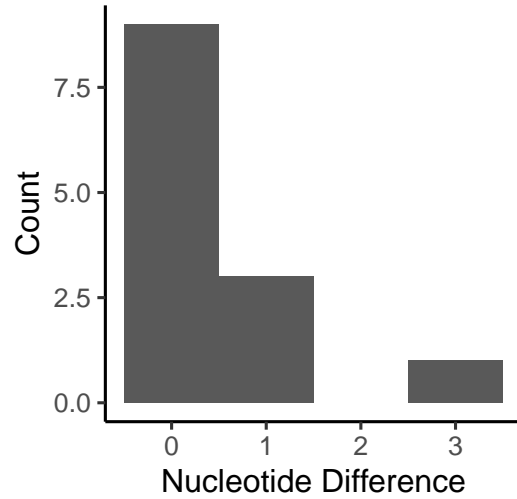
TRBV6-7*01

18 sequences assigned
15 (83.3%) exact matches, in which:
14 unique CDR3
8 unique J



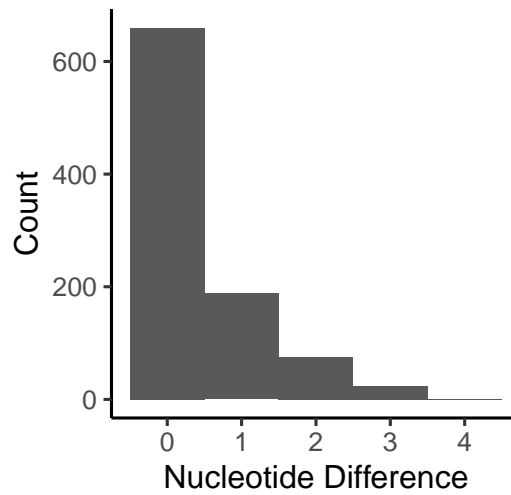
TRBV6-8*01

13 sequences assigned
9 (69.2%) exact matches, in which:
6 unique CDR3
4 unique J



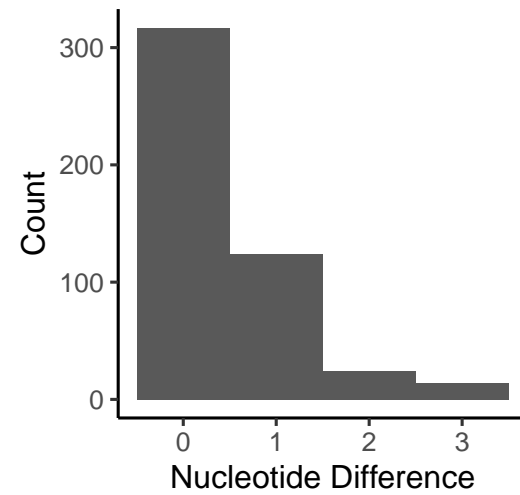
TRBV7-2*02

949 sequences assigned
660 (69.5%) exact matches, in which:
618 unique CDR3
13 unique J



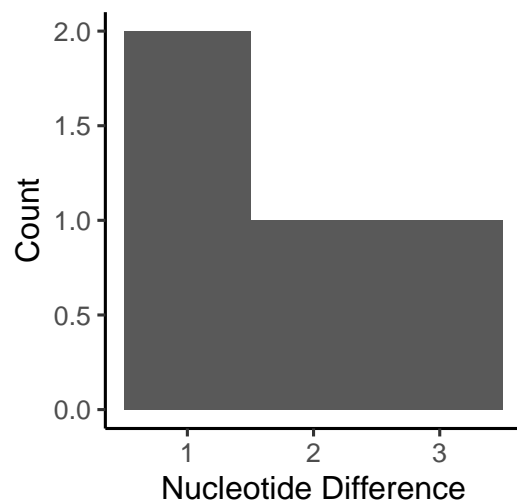
TRBV7-6*01

479 sequences assigned
317 (66.2%) exact matches, in which:
252 unique CDR3
13 unique J



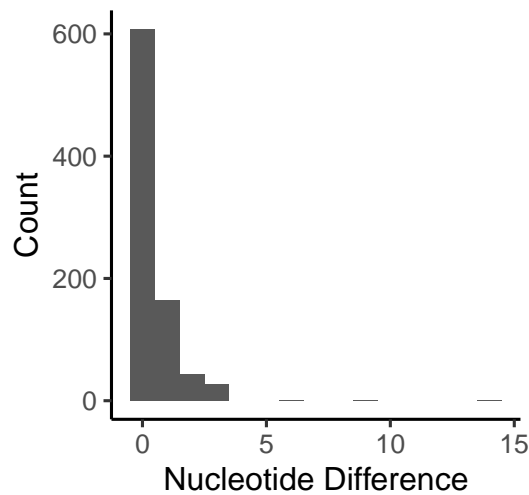
TRBV6-9*01

4 sequences assigned
No exact matches.



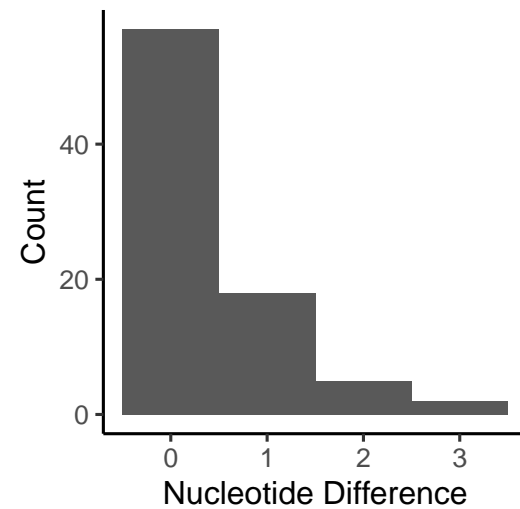
TRBV7-3*01

845 sequences assigned
608 (72%) exact matches, in which:
543 unique CDR3
13 unique J



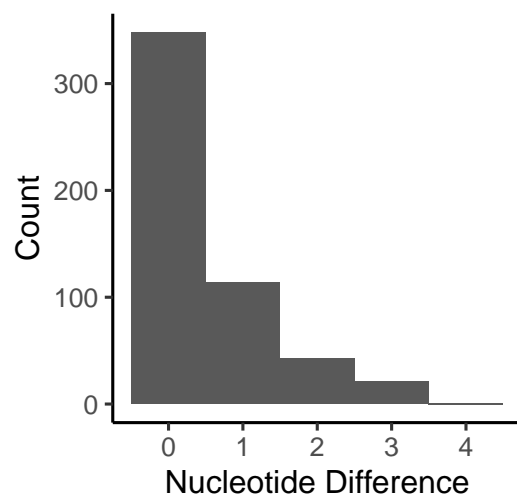
TRBV7-7*01

82 sequences assigned
57 (69.5%) exact matches, in which:
49 unique CDR3
7 unique J



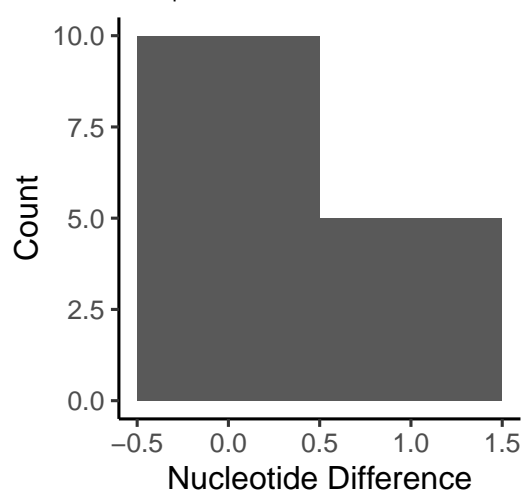
TRBV6-23*01

527 sequences assigned
348 (66%) exact matches, in which:
287 unique CDR3
13 unique J



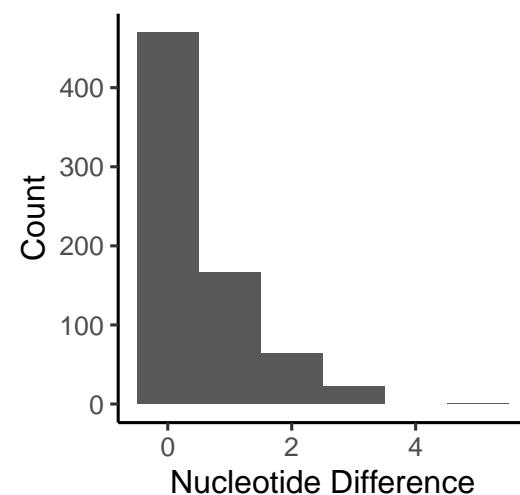
TRBV7-4*01

15 sequences assigned
10 (66.7%) exact matches, in which:
9 unique CDR3
6 unique J



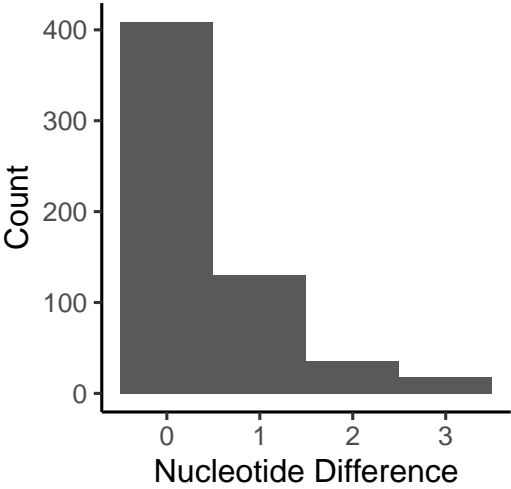
TRBV7-8*01

725 sequences assigned
470 (64.8%) exact matches, in which:
375 unique CDR3
13 unique J



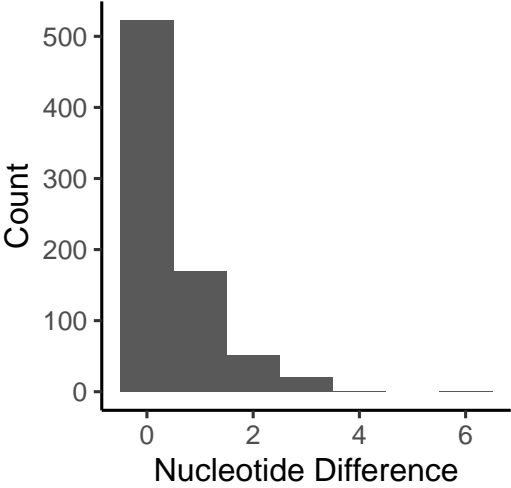
TRBV7-9*01

593 sequences assigned
409 (69%) exact matches, in which:
390 unique CDR3
13 unique J



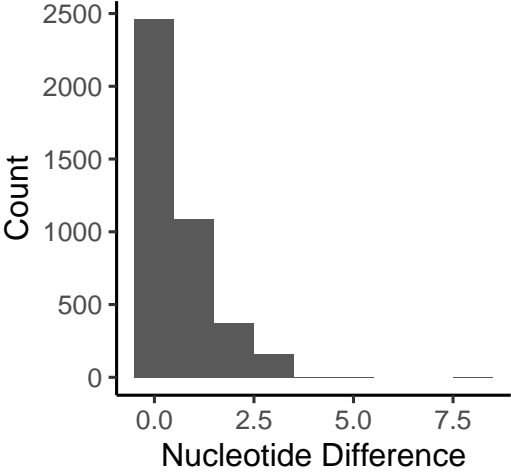
TRBV7-9*03

766 sequences assigned
523 (68.3%) exact matches, in which:
484 unique CDR3
13 unique J

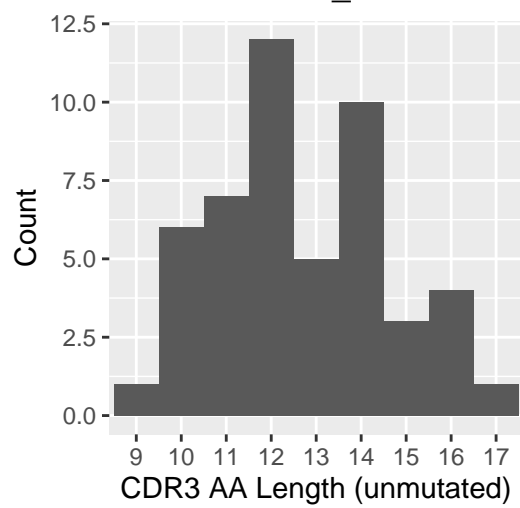


TRBV29-1*01

4091 sequences assigned
2462 (60.2%) exact matches, in which:
1896 unique CDR3
13 unique J



TRBV12-5*01_C28G



TRBV5-6*01_T284G

