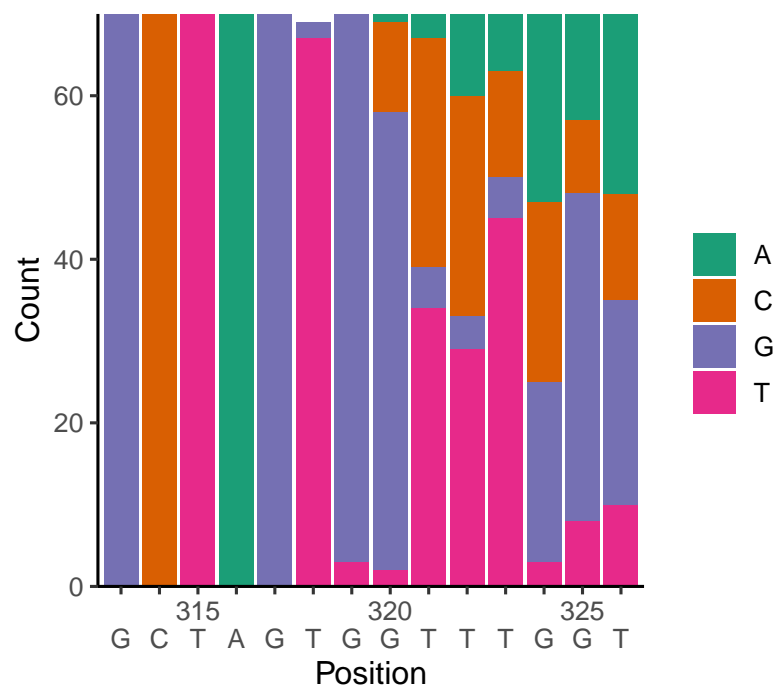
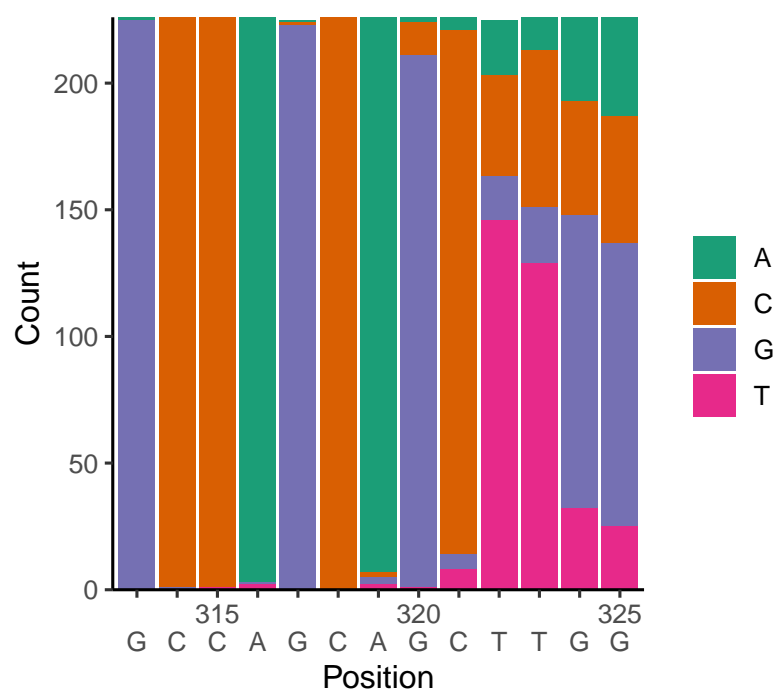


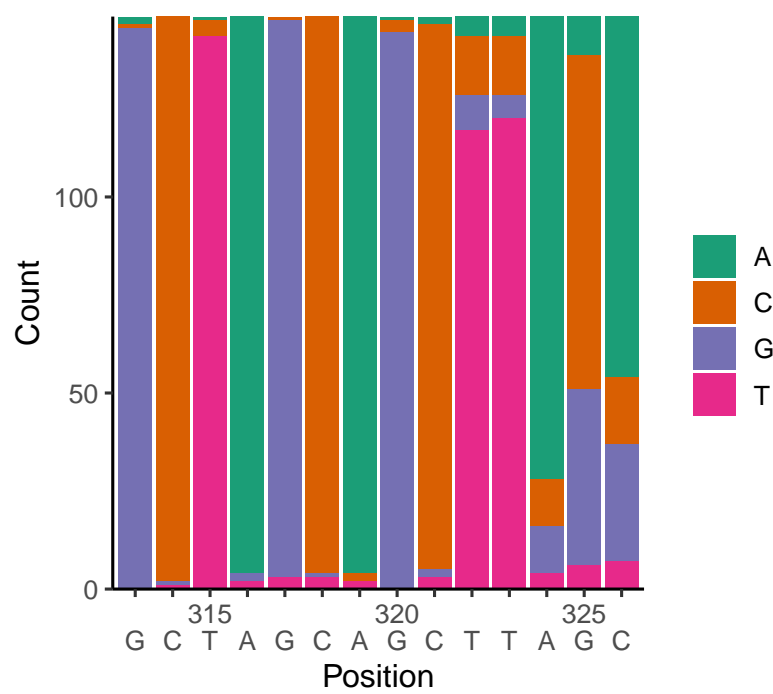
Gene TRBV12-5*01_C28G



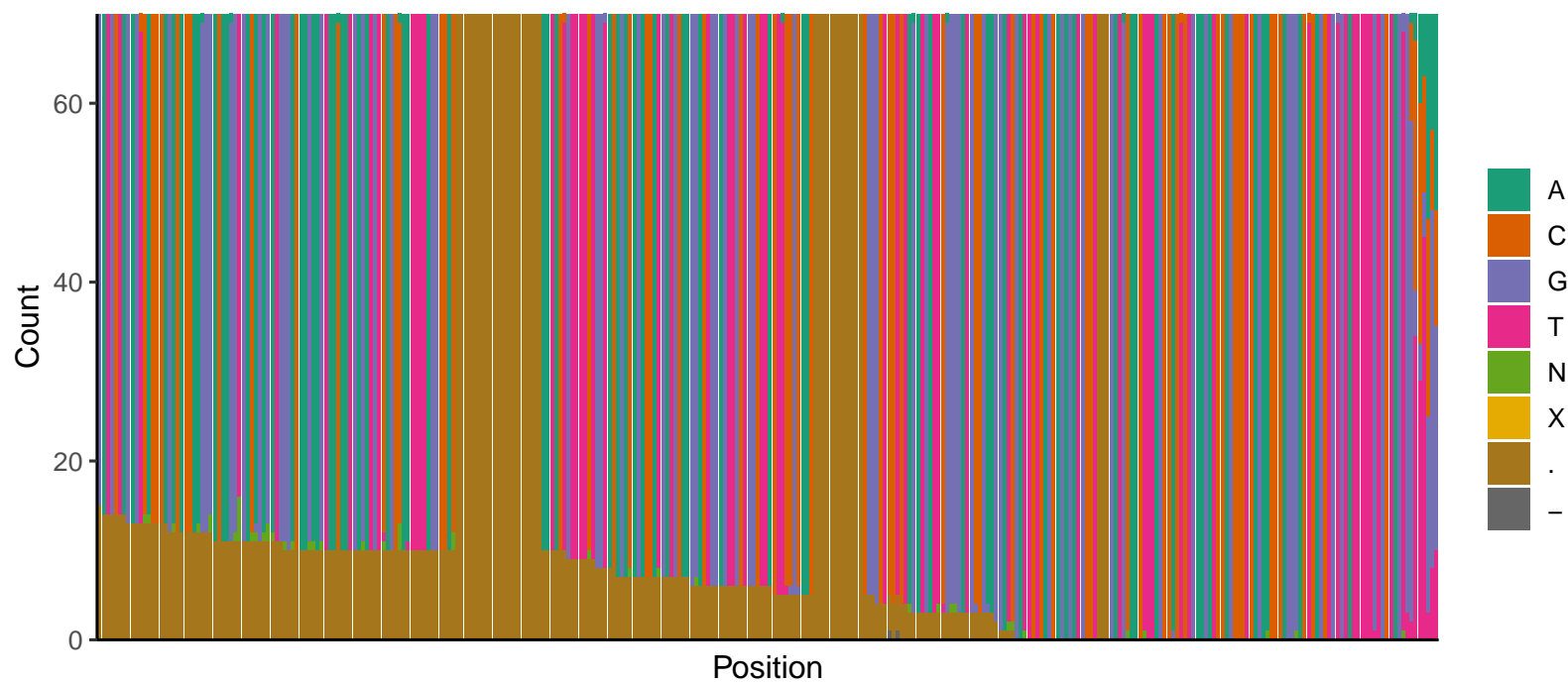
Gene TRBV5-5*02_322TTGG325



Gene TRBV7-7*01_C315T



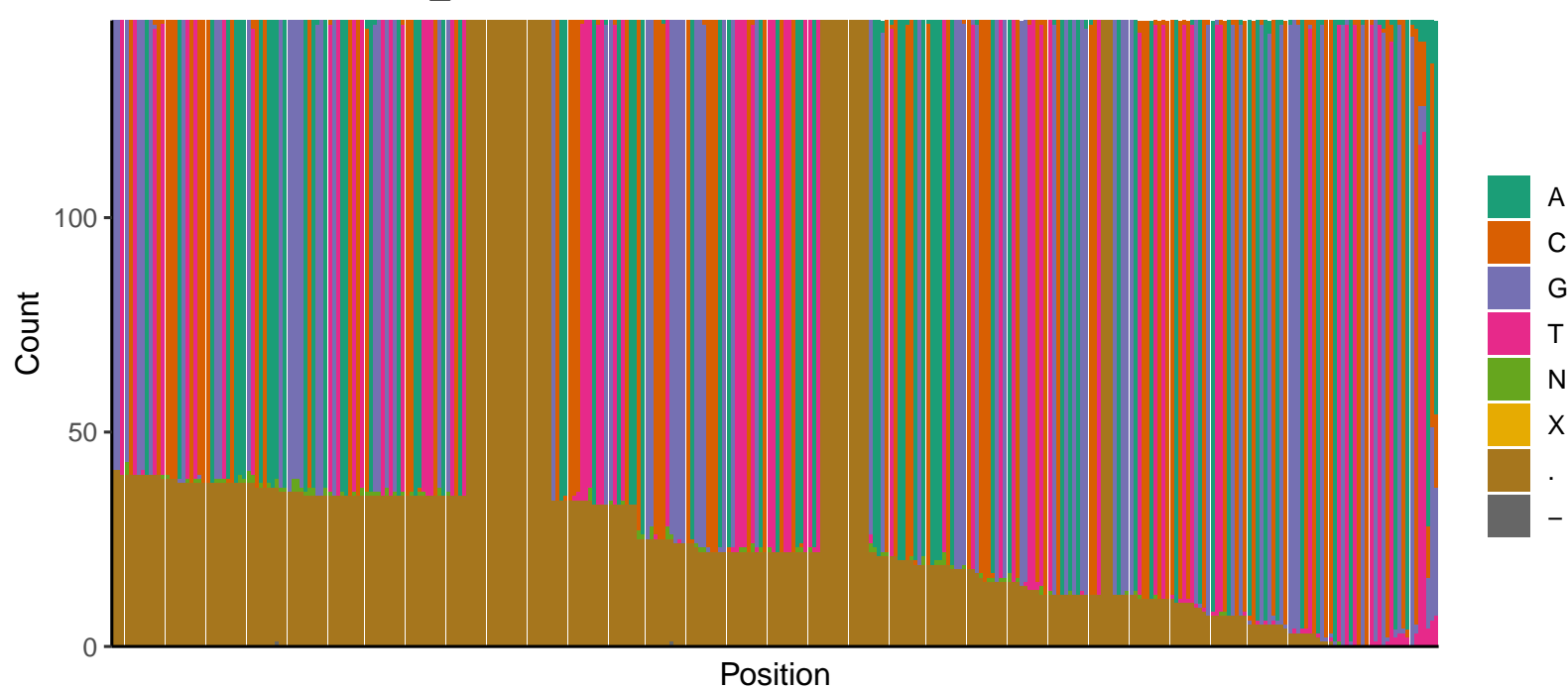
Gene TRBV12-5*01_C28G



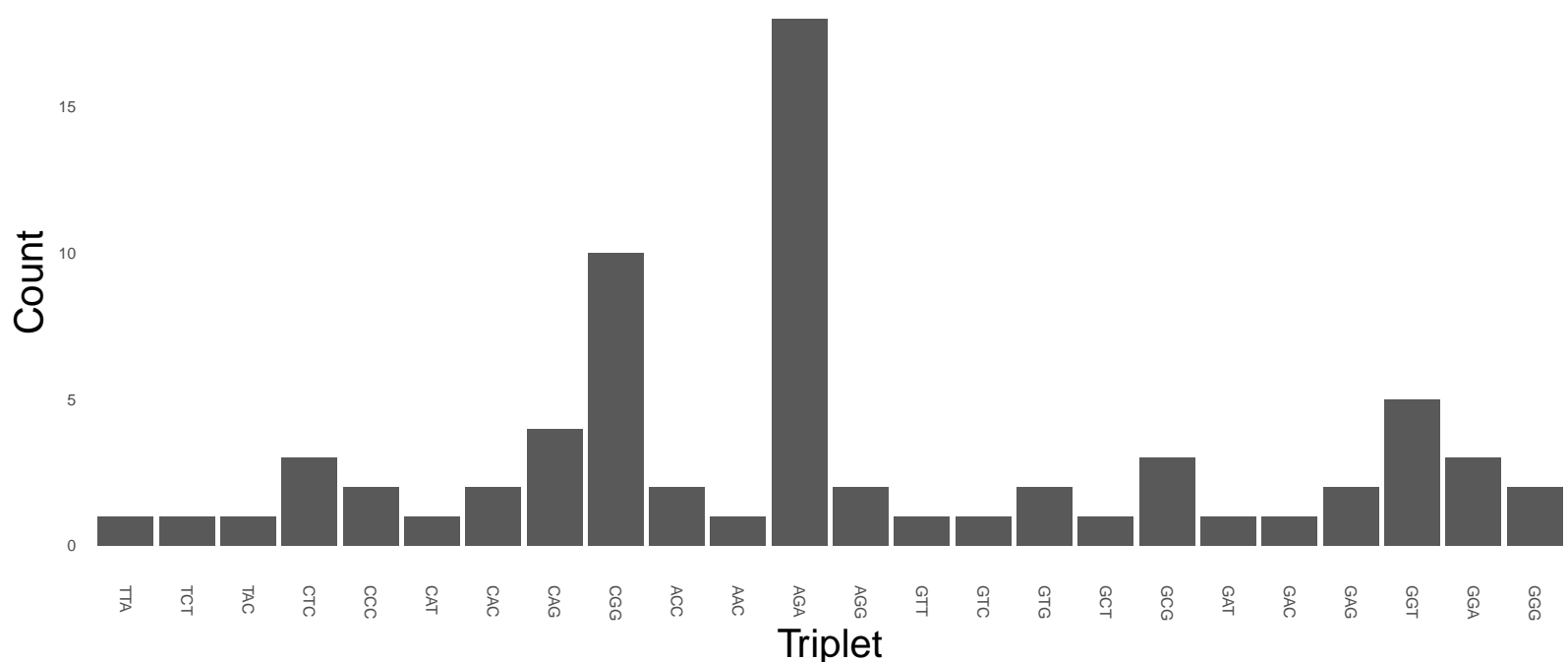
Gene TRBV5-5*02_322TTGG325



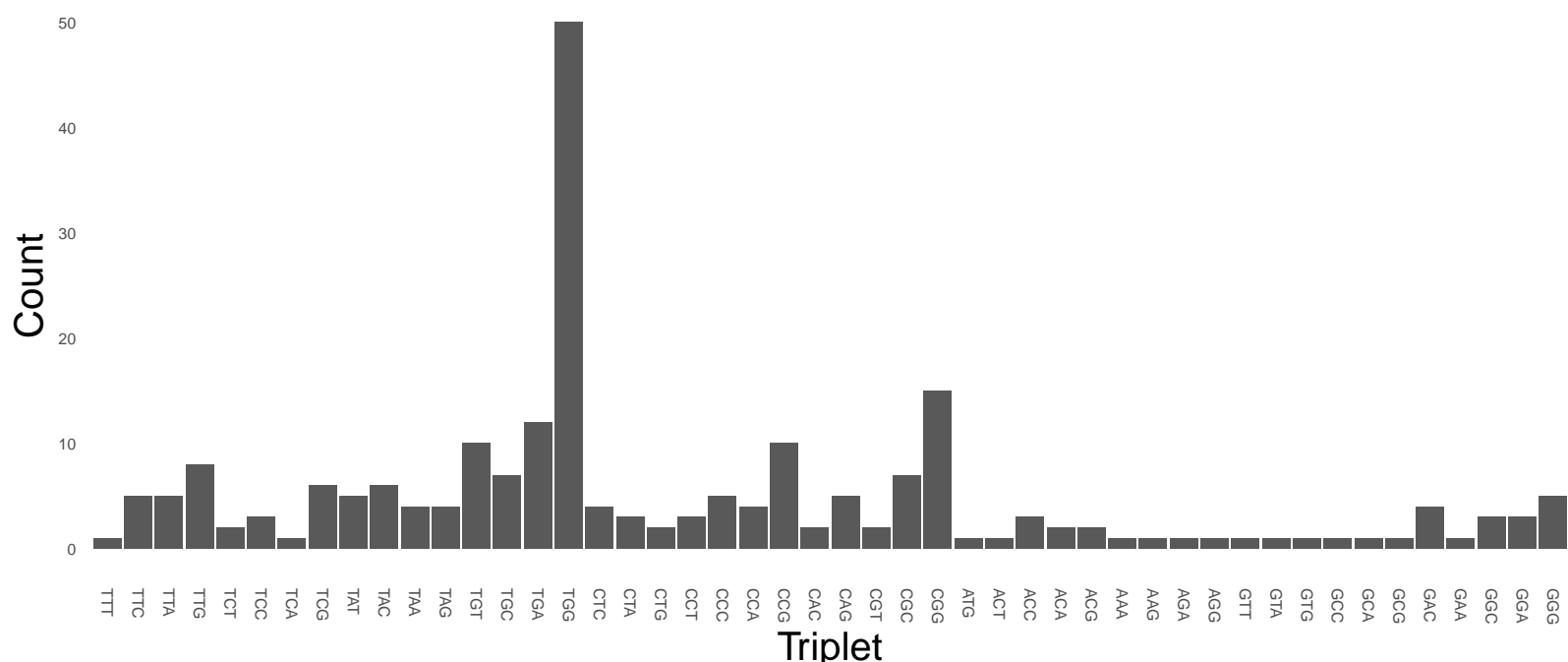
Gene TRBV7-7*01_C315T



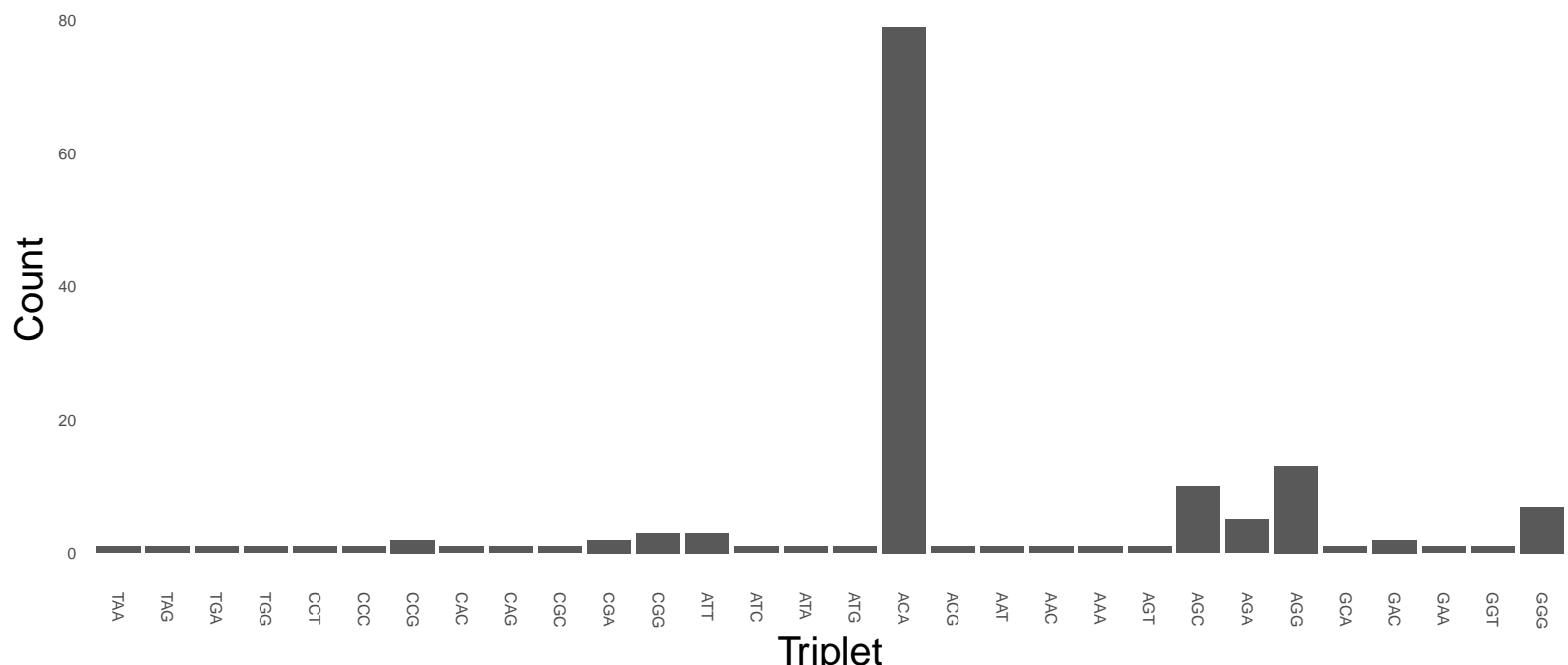
TRBV12-5*01_C28G- Final 3 nucleotides as a triplet



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

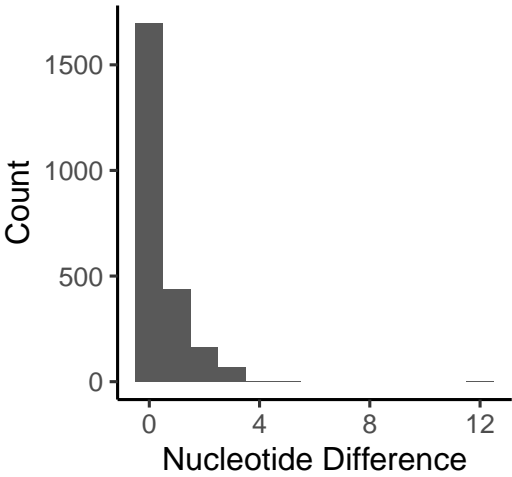


TRBV7-7*01_C315T- Final 3 nucleotides as a triplet



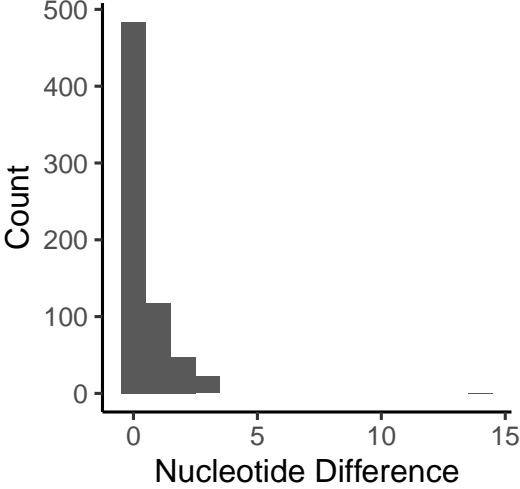
TRBV20-1*01

2376 sequences assigned
1696 (71.4%) exact matches, in which:
1673 unique CDR3
13 unique J



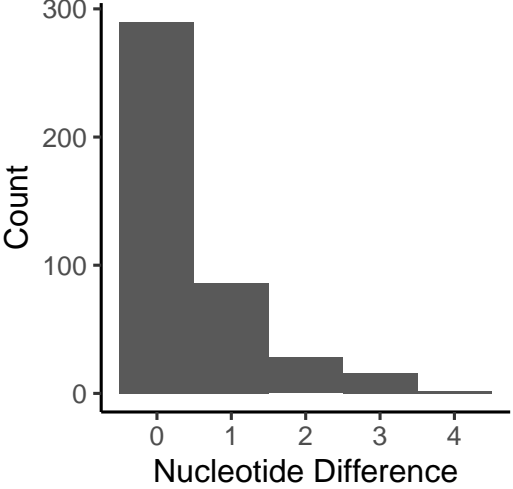
TRBV10-3*02

672 sequences assigned
484 (72%) exact matches, in which:
466 unique CDR3
13 unique J



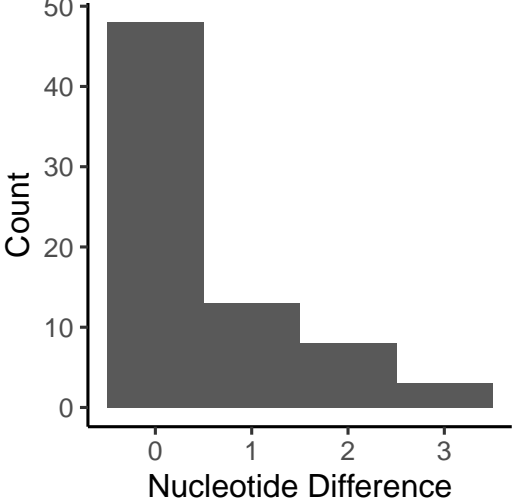
TRBV14*01

423 sequences assigned
290 (68.6%) exact matches, in which:
260 unique CDR3
13 unique J



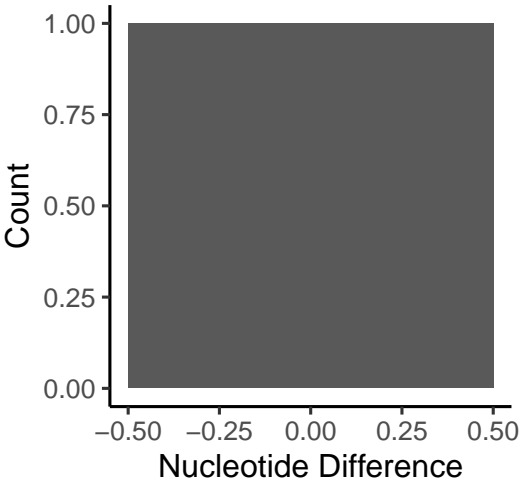
TRBV10-1*01

72 sequences assigned
48 (66.7%) exact matches, in which:
48 unique CDR3
11 unique J



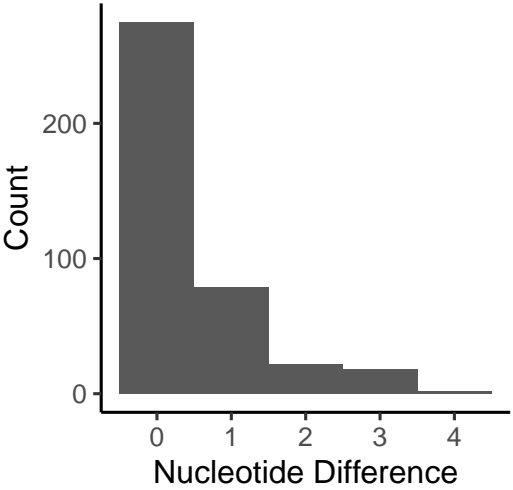
TRBV1*01

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



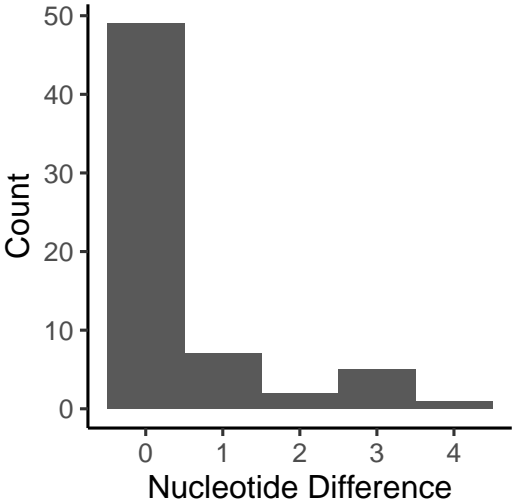
TRBV15*02

396 sequences assigned
275 (69.4%) exact matches, in which:
274 unique CDR3
13 unique J



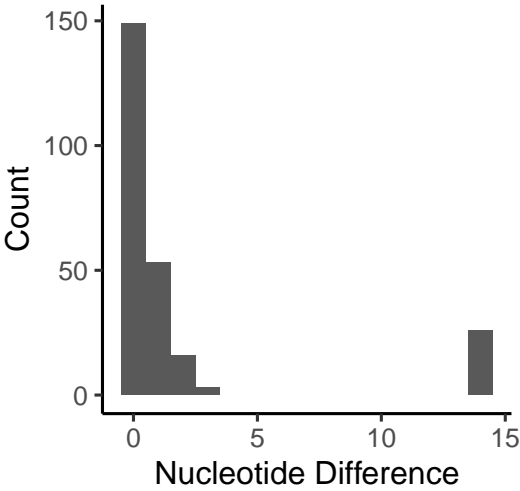
TRBV10-2*01

64 sequences assigned
49 (76.6%) exact matches, in which:
45 unique CDR3
11 unique J



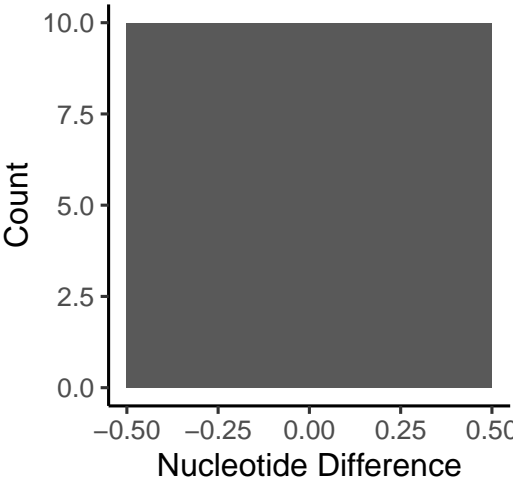
TRBV13*01

247 sequences assigned
149 (60.3%) exact matches, in which:
140 unique CDR3
13 unique J



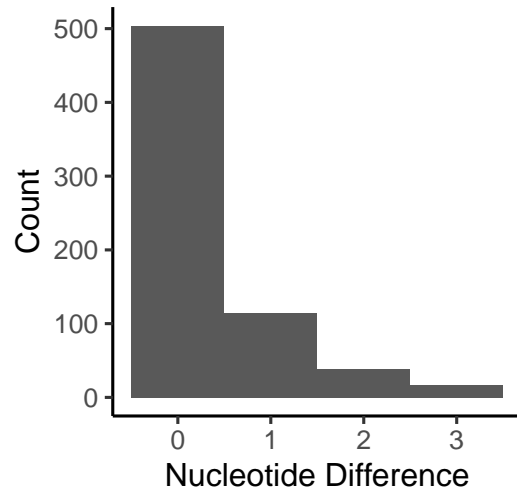
TRBV16*01

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



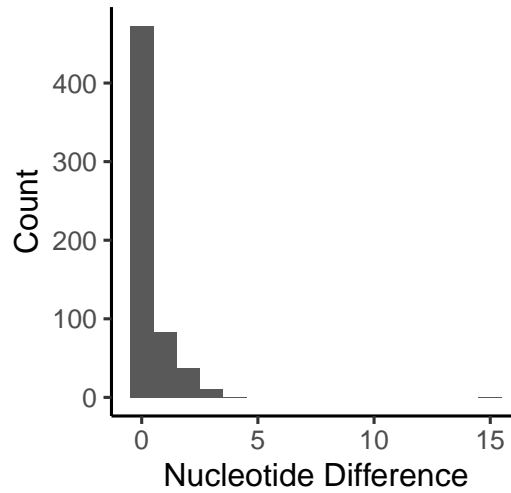
TRBV18*01

676 sequences assigned
504 (74.6%) exact matches, in which:
478 unique CDR3
13 unique J



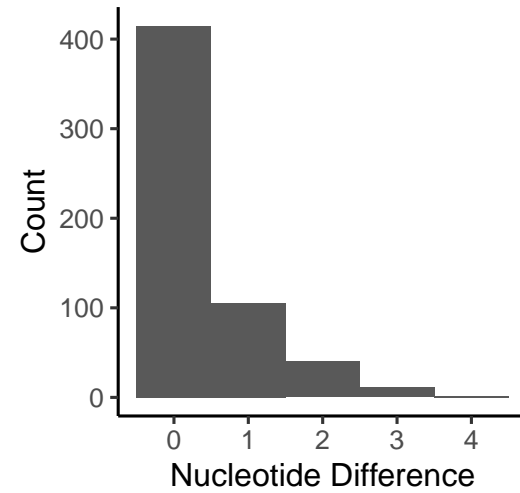
TRBV27*01

606 sequences assigned
473 (78.1%) exact matches, in which:
467 unique CDR3
13 unique J



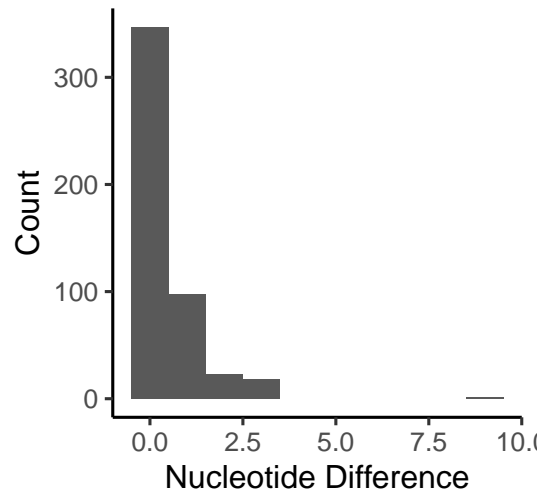
TRBV9*01

574 sequences assigned
415 (72.3%) exact matches, in which:
410 unique CDR3
13 unique J



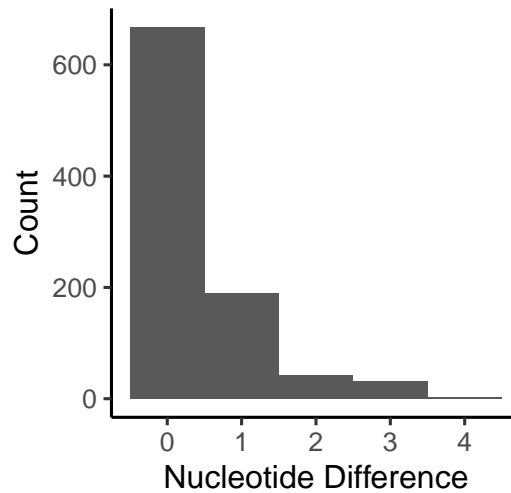
TRBV19*01

487 sequences assigned
347 (71.3%) exact matches, in which:
312 unique CDR3
13 unique J



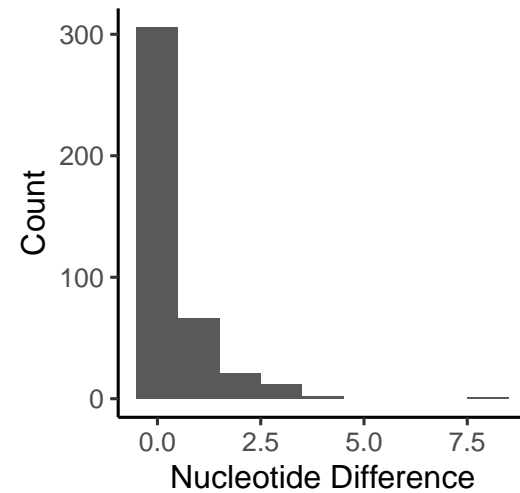
TRBV28*01

936 sequences assigned
668 (71.4%) exact matches, in which:
618 unique CDR3
13 unique J



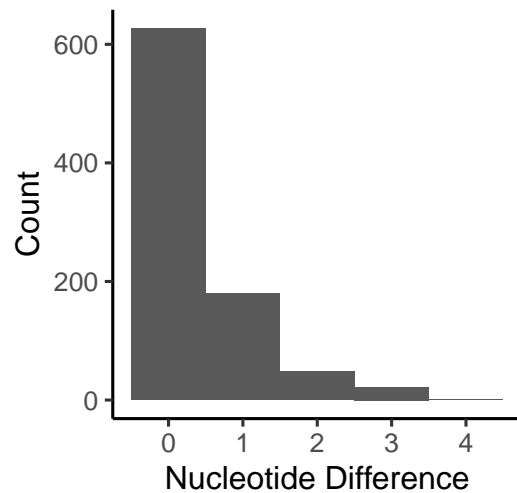
TRBV21-1*01

409 sequences assigned
306 (74.8%) exact matches, in which:
277 unique CDR3
13 unique J



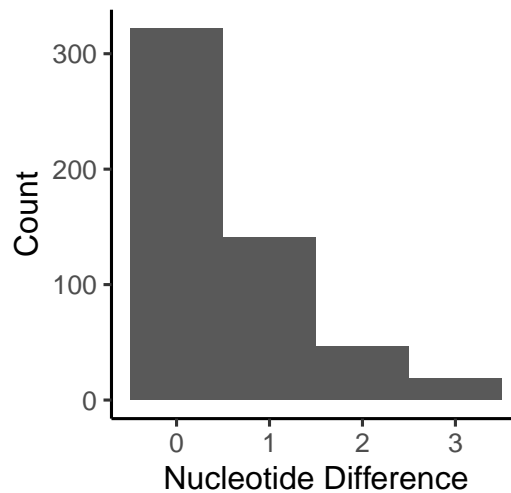
TRBV2*01

877 sequences assigned
627 (71.5%) exact matches, in which:
616 unique CDR3
13 unique J



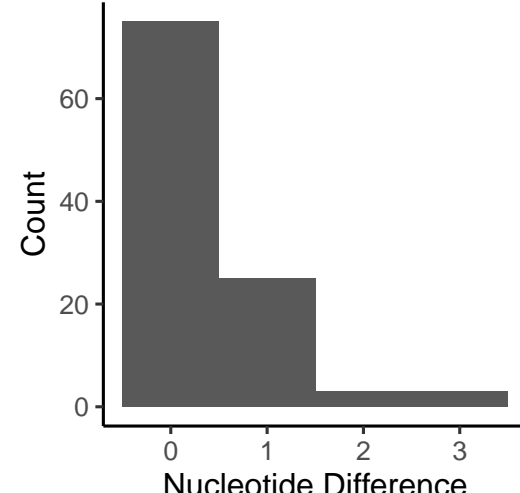
TRBV30*01

528 sequences assigned
322 (61%) exact matches, in which:
318 unique CDR3
13 unique J



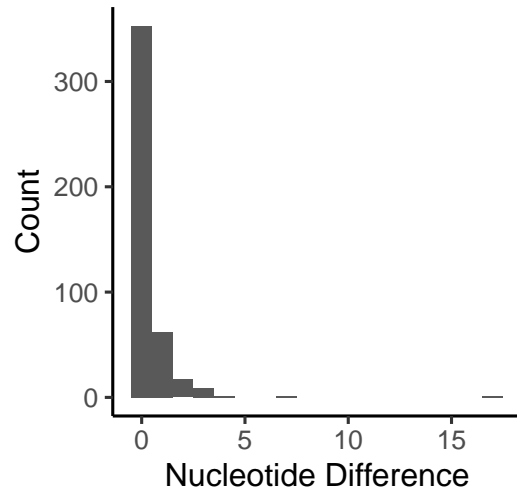
TRBV11-1*01

106 sequences assigned
75 (70.8%) exact matches, in which:
73 unique CDR3
13 unique J



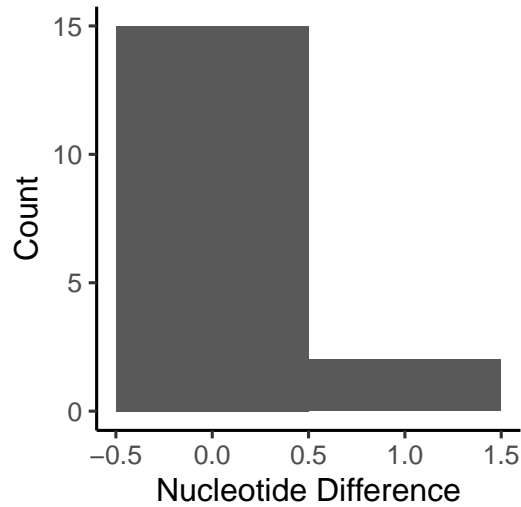
TRBV11-2*01

444 sequences assigned
353 (79.5%) exact matches, in which:
345 unique CDR3
13 unique J



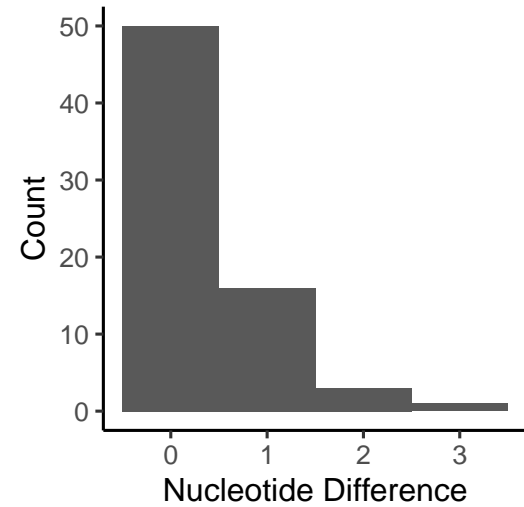
TRBV12-2*01

17 sequences assigned
15 (88.2%) exact matches, in which:
15 unique CDR3
6 unique J



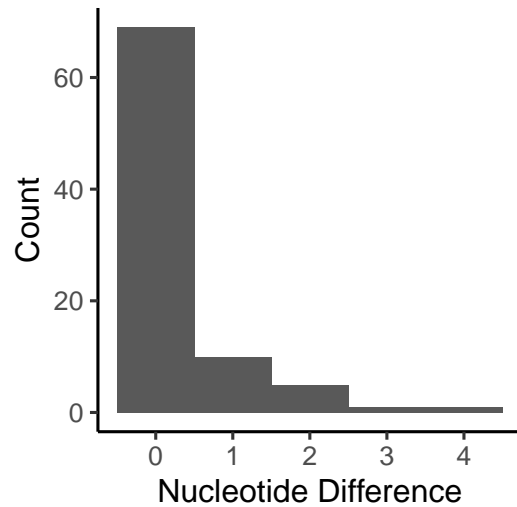
TRBV12-5*01_C28G

70 sequences assigned
50 (71.4%) exact matches, in which:
42 unique CDR3
10 unique J



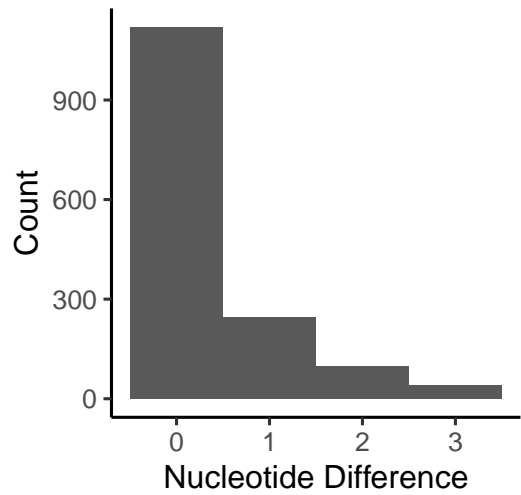
TRBV11-3*01

86 sequences assigned
69 (80.2%) exact matches, in which:
68 unique CDR3
12 unique J



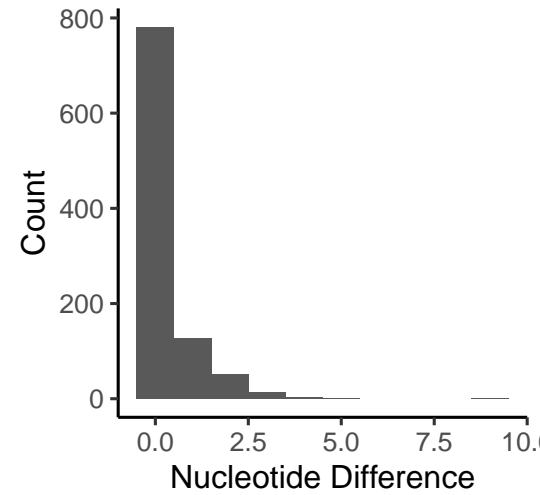
TRBV12-3*01

1506 sequences assigned
1120 (74.4%) exact matches, in which:
1104 unique CDR3
13 unique J



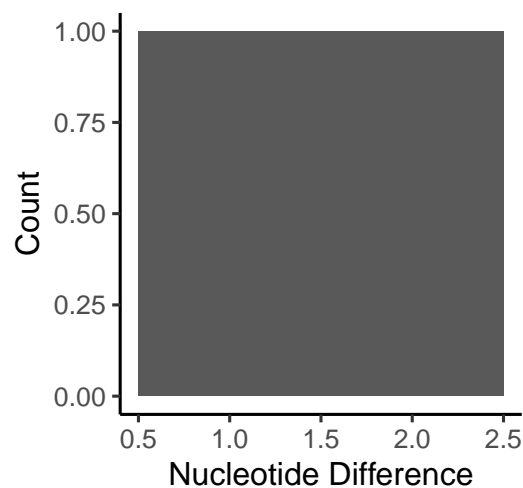
TRBV3-1*01

977 sequences assigned
781 (79.9%) exact matches, in which:
767 unique CDR3
13 unique J



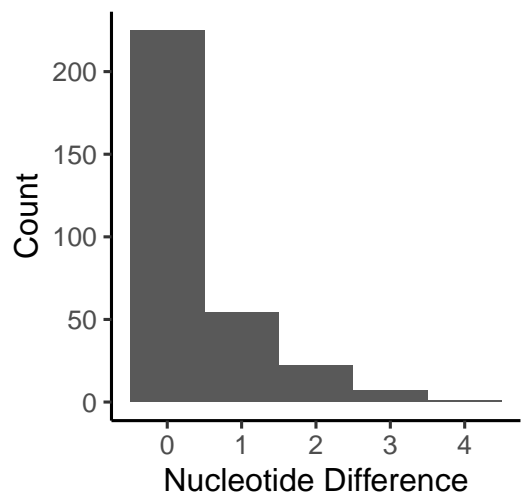
TRBV12-1*01

2 sequences assigned
No exact matches.



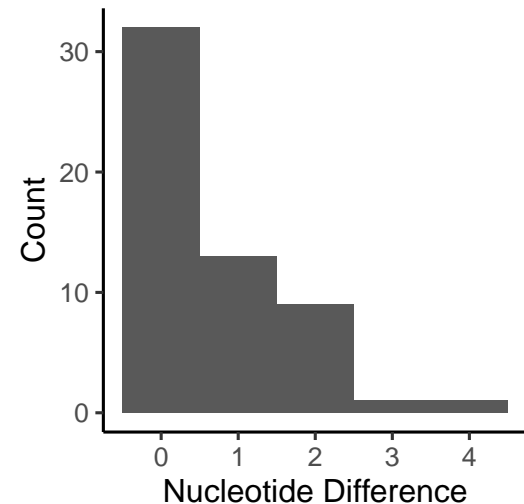
TRBV12-4*01

309 sequences assigned
225 (72.8%) exact matches, in which:
223 unique CDR3
13 unique J



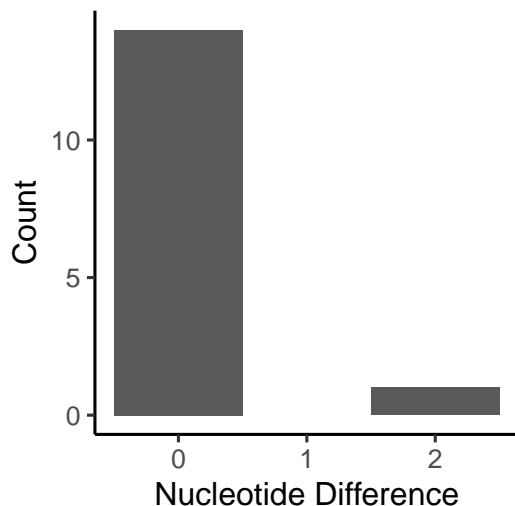
TRBV23-1*01

57 sequences assigned
32 (56.1%) exact matches, in which:
32 unique CDR3
10 unique J



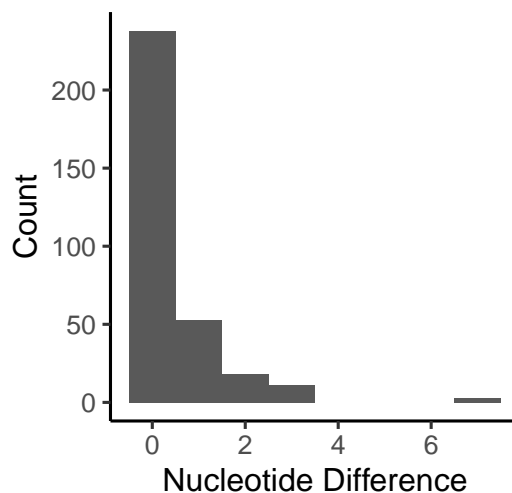
TRBV3-2*02

15 sequences assigned
14 (93.3%) exact matches, in which:
13 unique CDR3
8 unique J



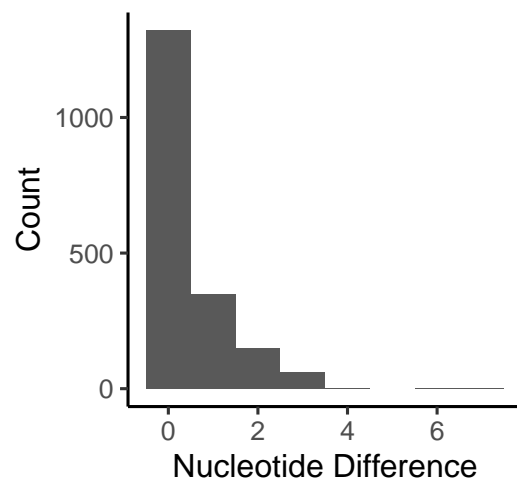
TRBV24-1*01

323 sequences assigned
238 (73.7%) exact matches, in which:
234 unique CDR3
13 unique J



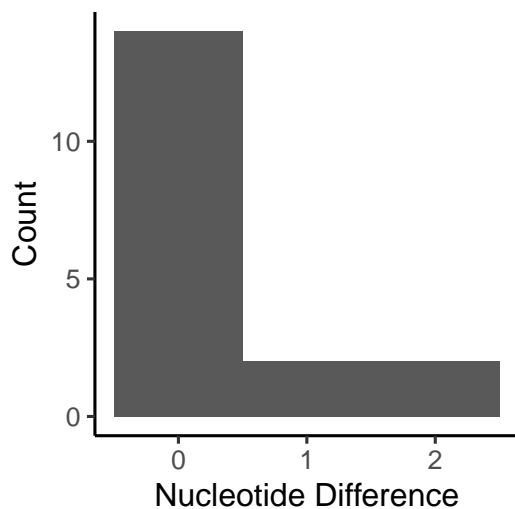
TRBV5-1*01

1883 sequences assigned
1321 (70.2%) exact matches, in which:
1237 unique CDR3
13 unique J



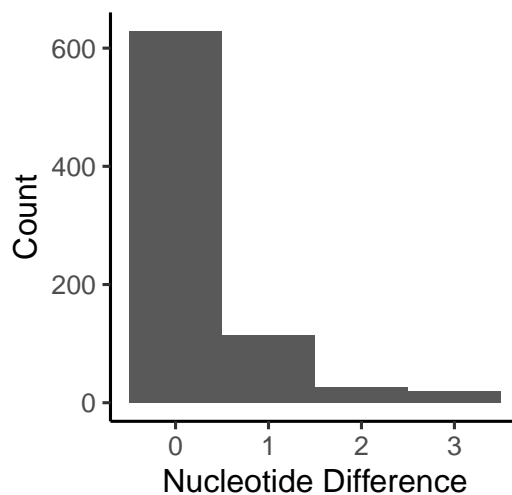
TRBV3-2*03

18 sequences assigned
14 (77.8%) exact matches, in which:
14 unique CDR3
8 unique J



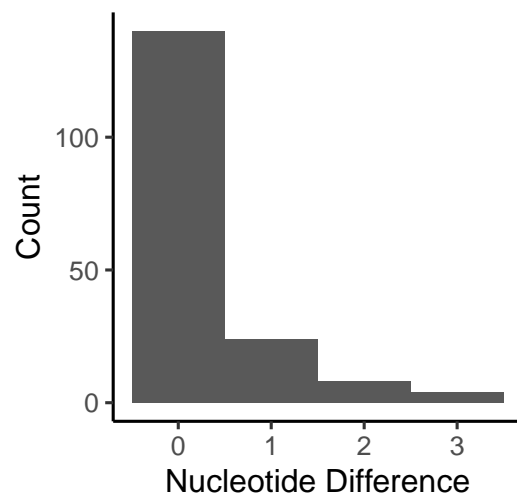
TRBV4-2*01

788 sequences assigned
629 (79.8%) exact matches, in which:
617 unique CDR3
13 unique J



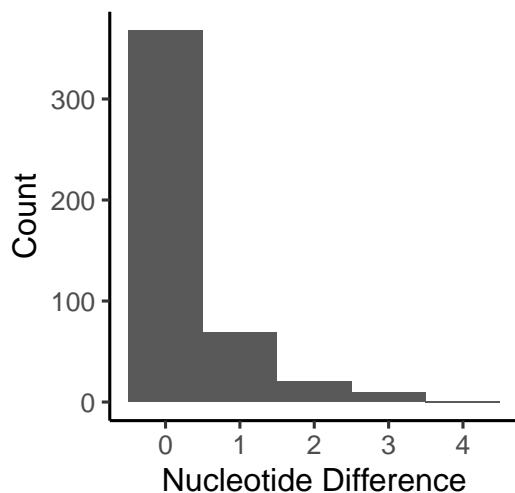
TRBV25-1*01

176 sequences assigned
140 (79.5%) exact matches, in which:
139 unique CDR3
13 unique J



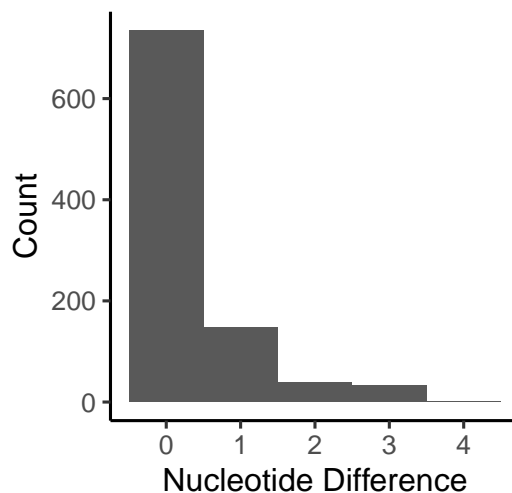
TRBV4-1*01

467 sequences assigned
368 (78.8%) exact matches, in which:
362 unique CDR3
13 unique J



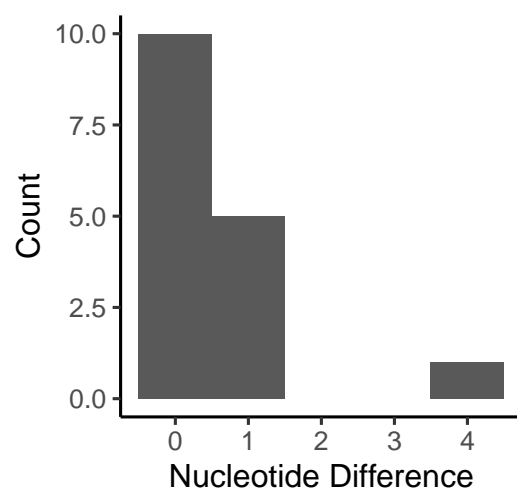
TRBV4-3*01

954 sequences assigned
735 (77%) exact matches, in which:
721 unique CDR3
13 unique J



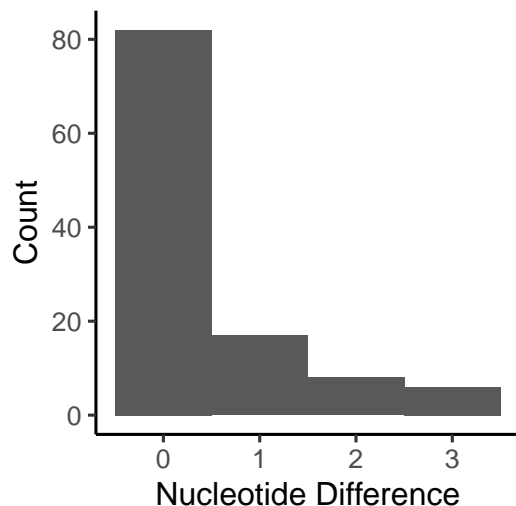
TRBV5-3*01

16 sequences assigned
10 (62.5%) exact matches, in which:
9 unique CDR3
6 unique J



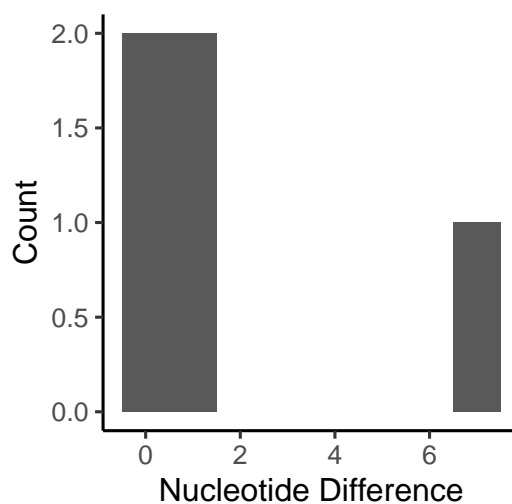
TRBV5-4*01

113 sequences assigned
82 (72.6%) exact matches, in which:
80 unique CDR3
12 unique J



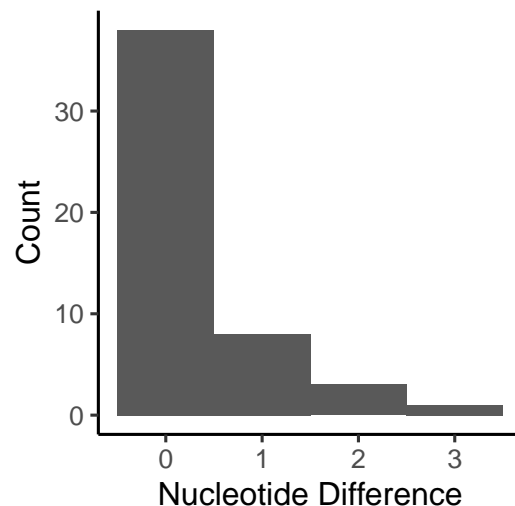
TRBV5-7*01

5 sequences assigned
2 (40%) exact matches, in which:
2 unique CDR3
2 unique J



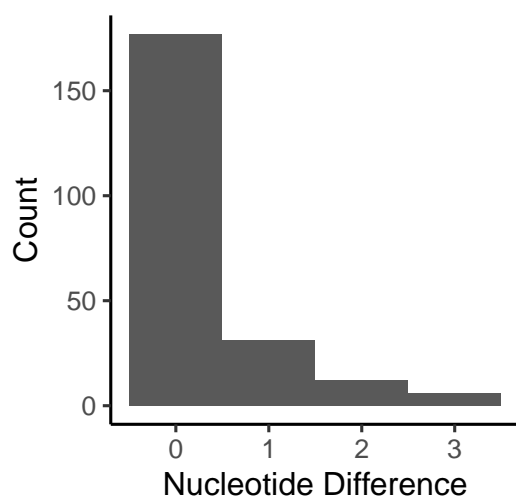
TRBV6-4*01

50 sequences assigned
38 (76%) exact matches, in which:
38 unique CDR3
11 unique J



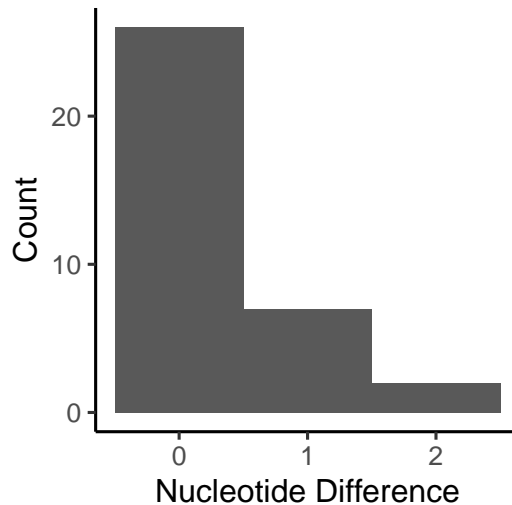
TRBV5-5*02_322TTGG3

226 sequences assigned
177 (78.3%) exact matches, in which:
175 unique CDR3
13 unique J



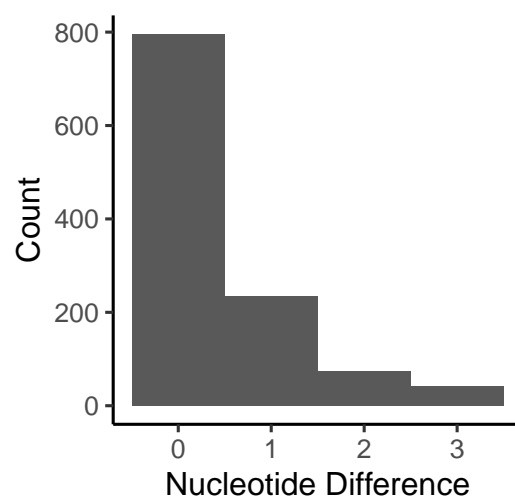
TRBV5-8*01

35 sequences assigned
26 (74.3%) exact matches, in which:
26 unique CDR3
9 unique J



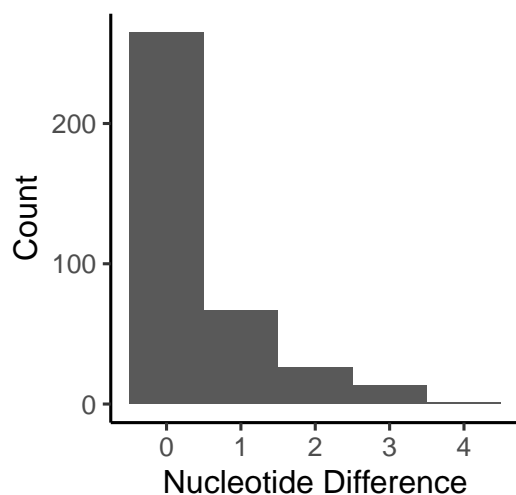
TRBV6-5*01

1147 sequences assigned
796 (69.4%) exact matches, in which:
724 unique CDR3
13 unique J



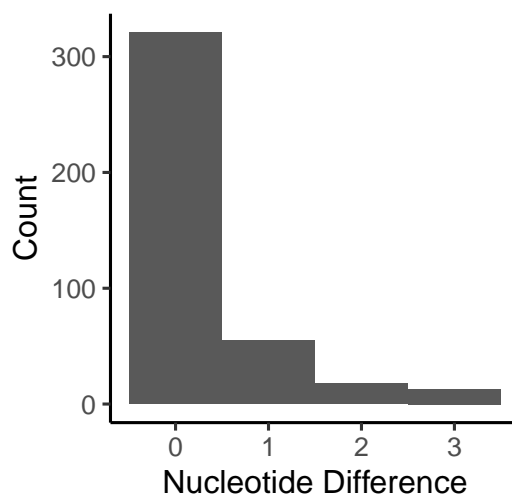
TRBV5-6*01

372 sequences assigned
265 (71.2%) exact matches, in which:
257 unique CDR3
13 unique J



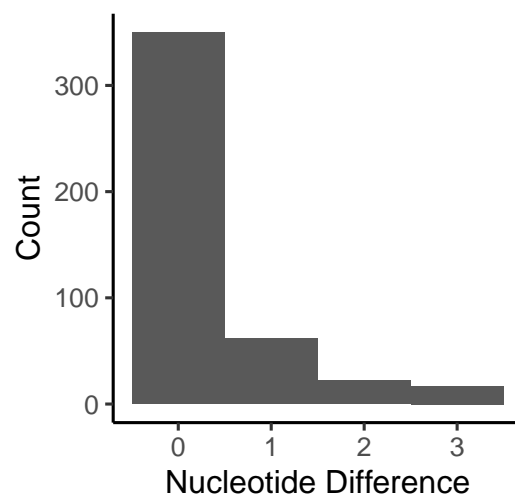
TRBV6-1*01

409 sequences assigned
321 (78.5%) exact matches, in which:
314 unique CDR3
13 unique J



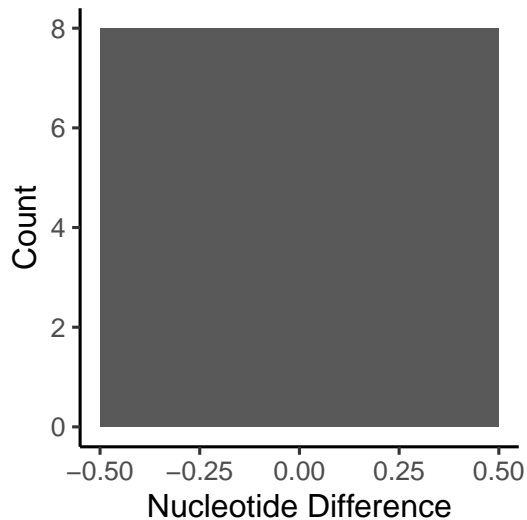
TRBV6-6*01

452 sequences assigned
350 (77.4%) exact matches, in which:
341 unique CDR3
13 unique J



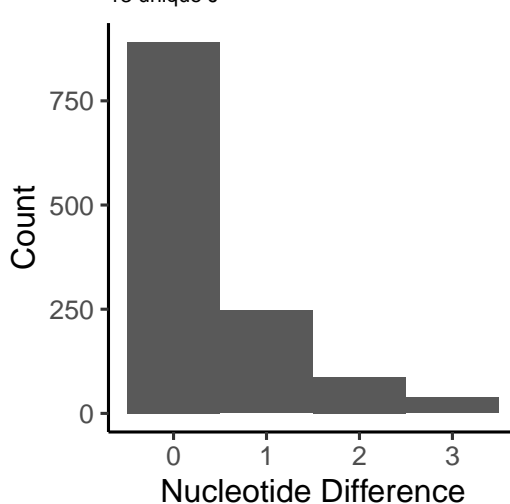
TRBV6-7*01

9 sequences assigned
8 (88.9%) exact matches, in which:
8 unique CDR3
7 unique J



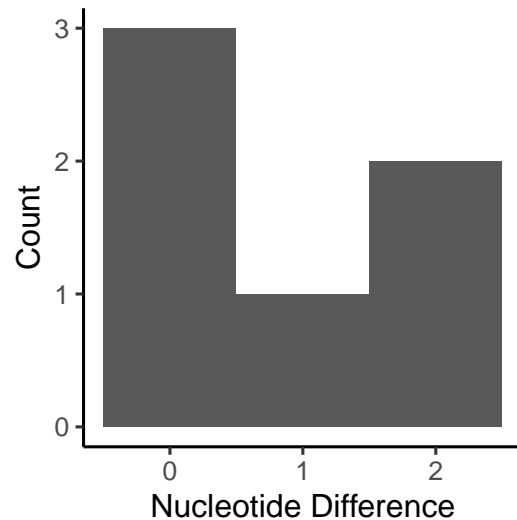
TRBV6-23*01

1265 sequences assigned
892 (70.5%) exact matches, in which:
860 unique CDR3
13 unique J



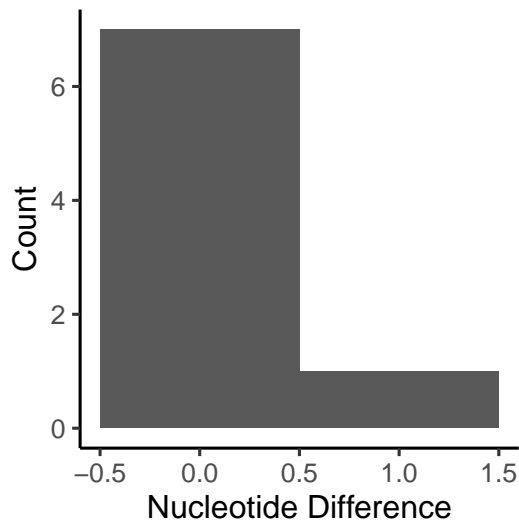
TRBV7-4*01

6 sequences assigned
3 (50%) exact matches, in which:
3 unique CDR3
2 unique J



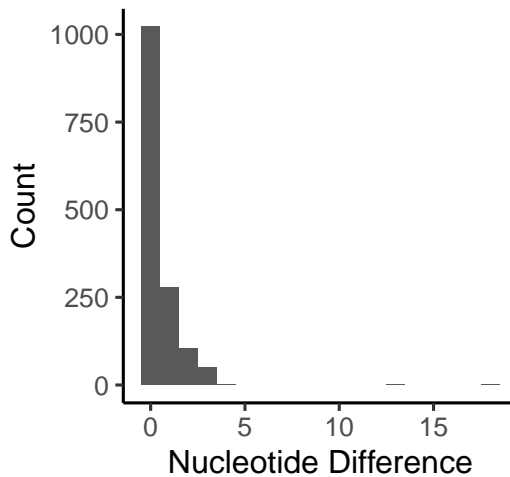
TRBV6-8*01

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



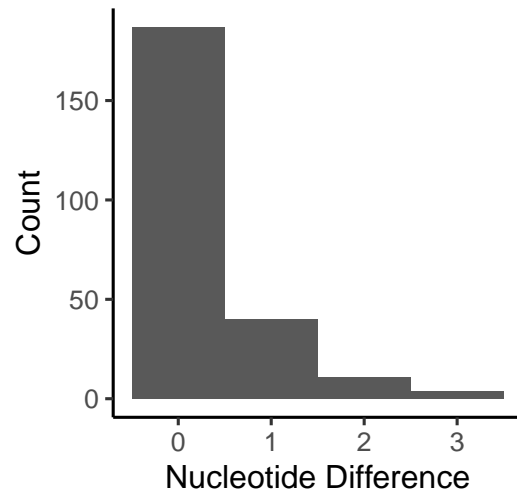
TRBV7-2*01

1458 sequences assigned
1022 (70.1%) exact matches, in which:
987 unique CDR3
13 unique J



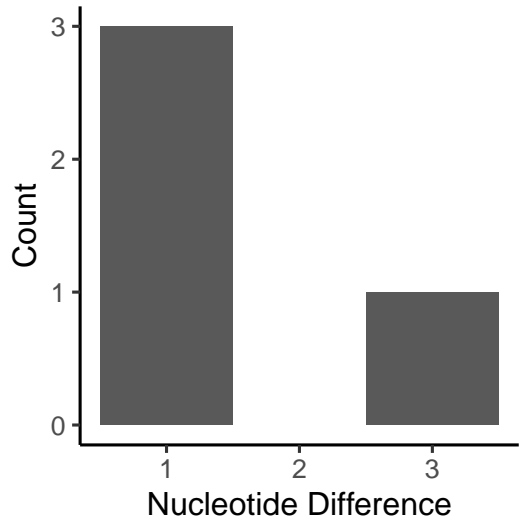
TRBV7-6*01

242 sequences assigned
187 (77.3%) exact matches, in which:
184 unique CDR3
13 unique J



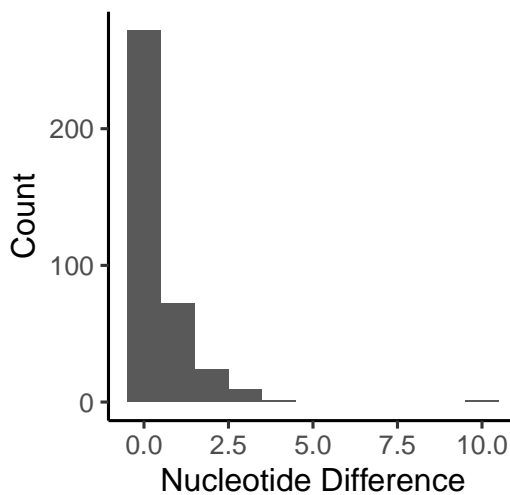
TRBV6-9*01

4 sequences assigned
No exact matches.



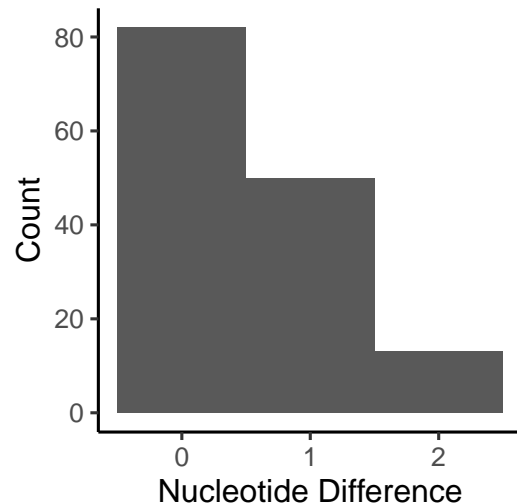
TRBV7-3*01

379 sequences assigned
272 (71.8%) exact matches, in which:
267 unique CDR3
13 unique J



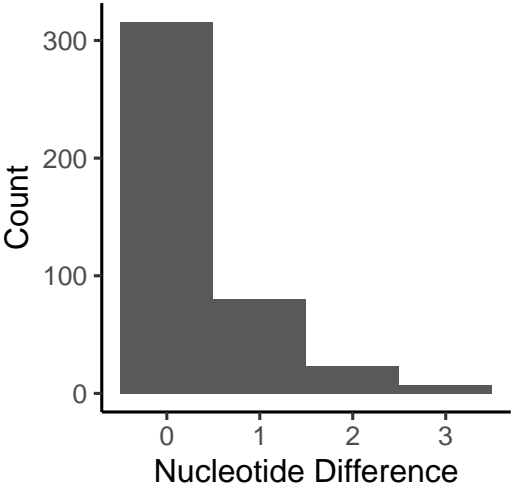
TRBV7-7*01_C315T

146 sequences assigned
82 (56.2%) exact matches, in which:
50 unique CDR3
8 unique J



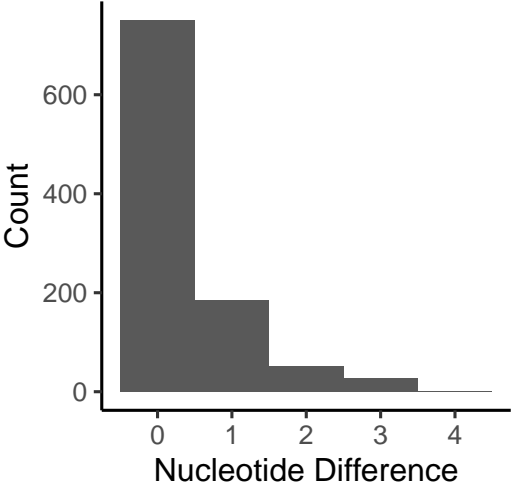
TRBV7-8*01

426 sequences assigned
316 (74.2%) exact matches, in which:
308 unique CDR3
13 unique J



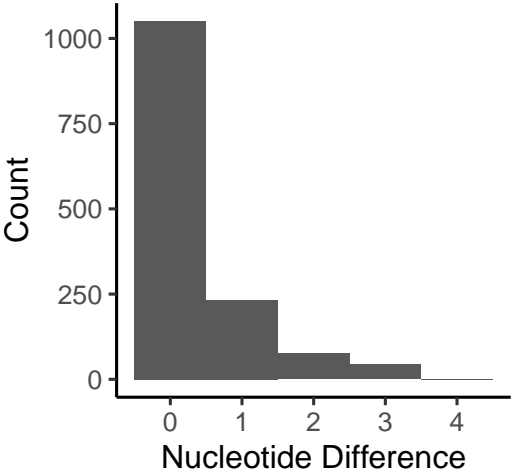
TRBV7-9*03

1017 sequences assigned
751 (73.8%) exact matches, in which:
743 unique CDR3
13 unique J

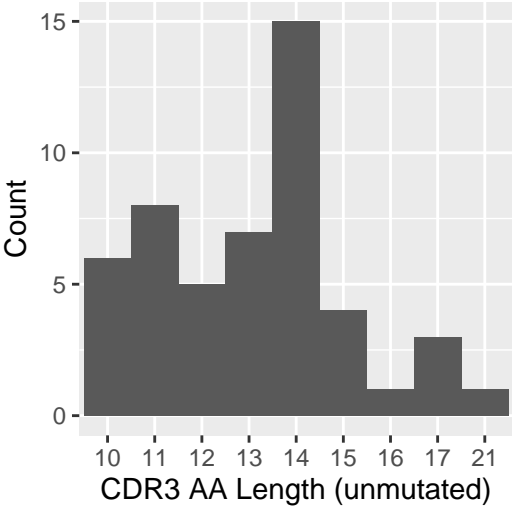


TRBV29-1*01

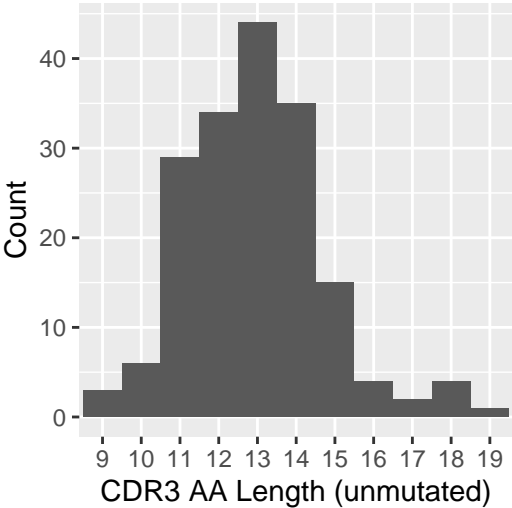
1405 sequences assigned
1051 (74.8%) exact matches, in which:
1018 unique CDR3
13 unique J



TRBV12-5*01_C28G



TRBV5-5*02_322TTGG325



TRBV7-7*01_C315T

