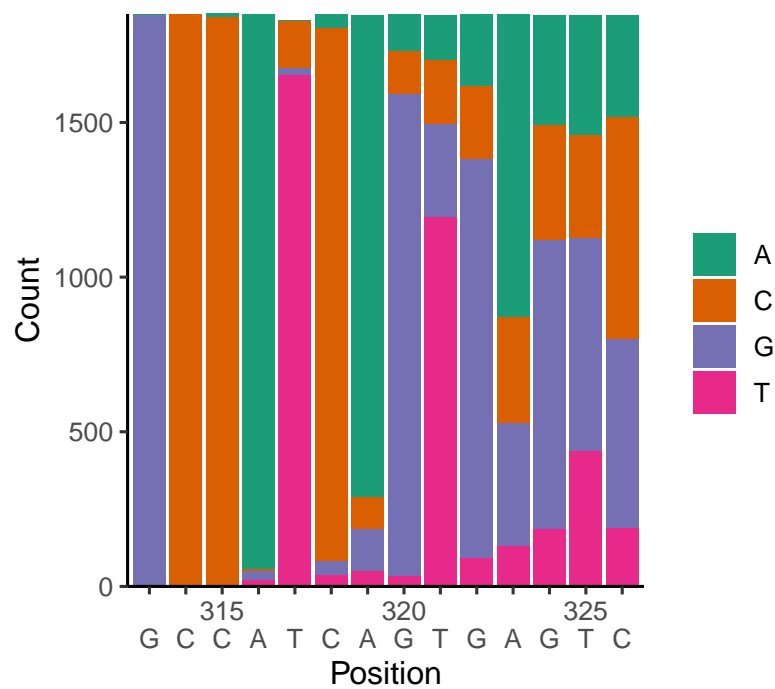
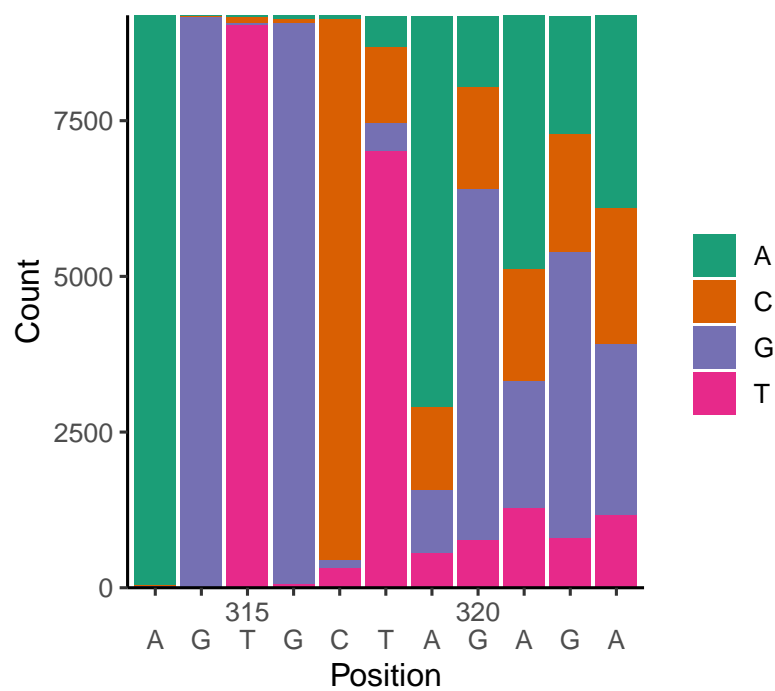


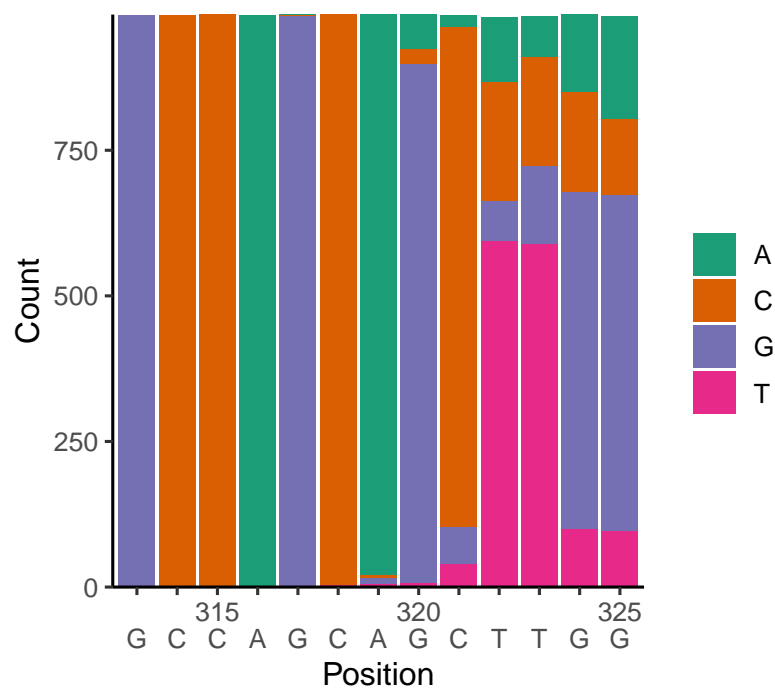
Gene TRBV10-3*03_313GCCATCAGTGAGTC326



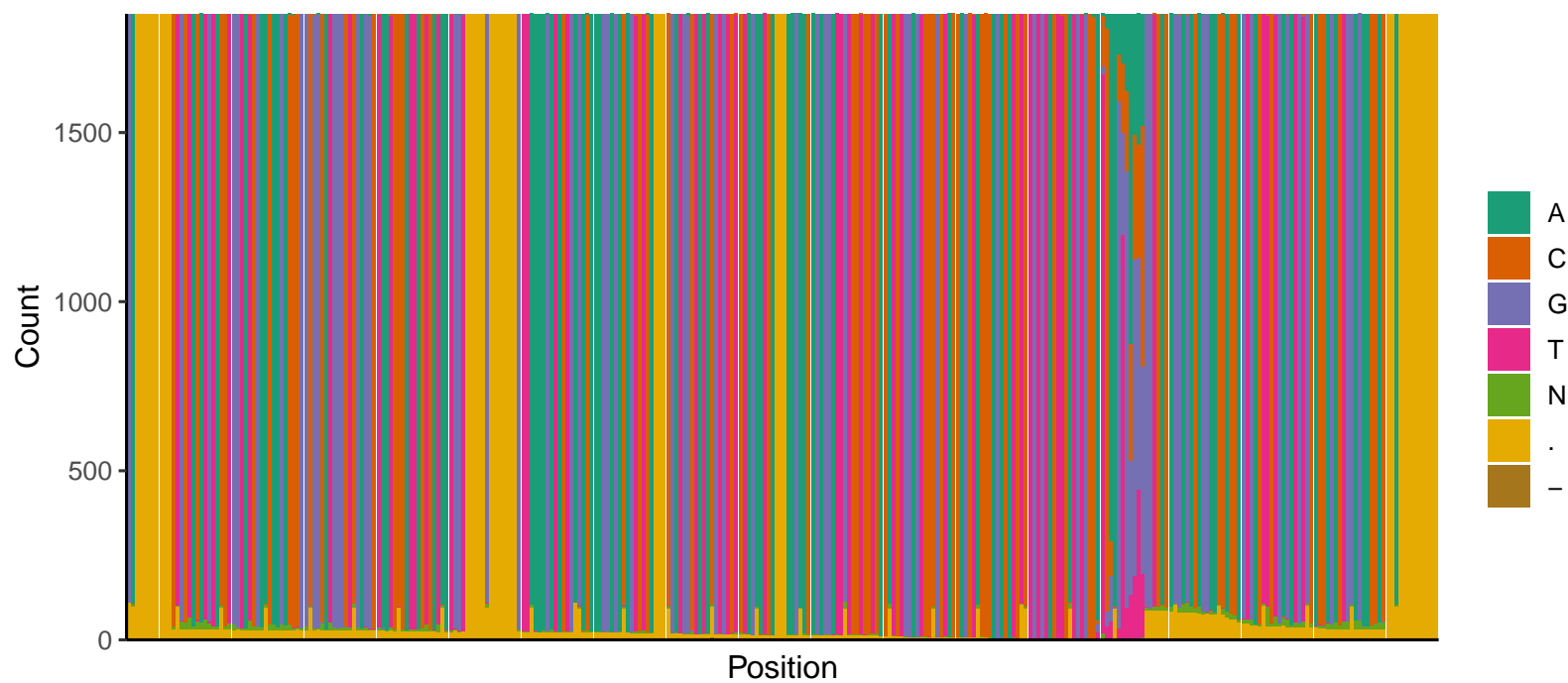
Gene TRBV20-1*02_319AGAGA323



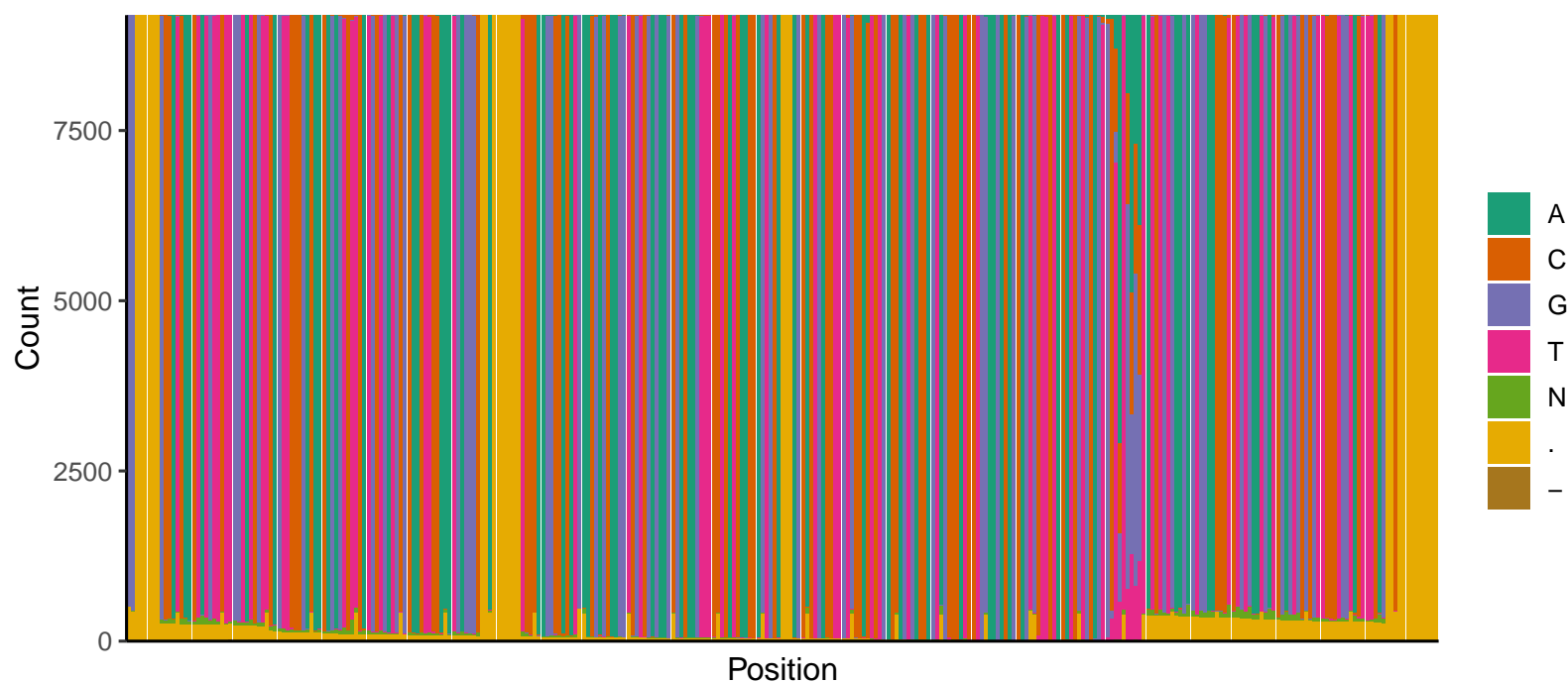
Gene TRBV5-5*02_322TTGG325



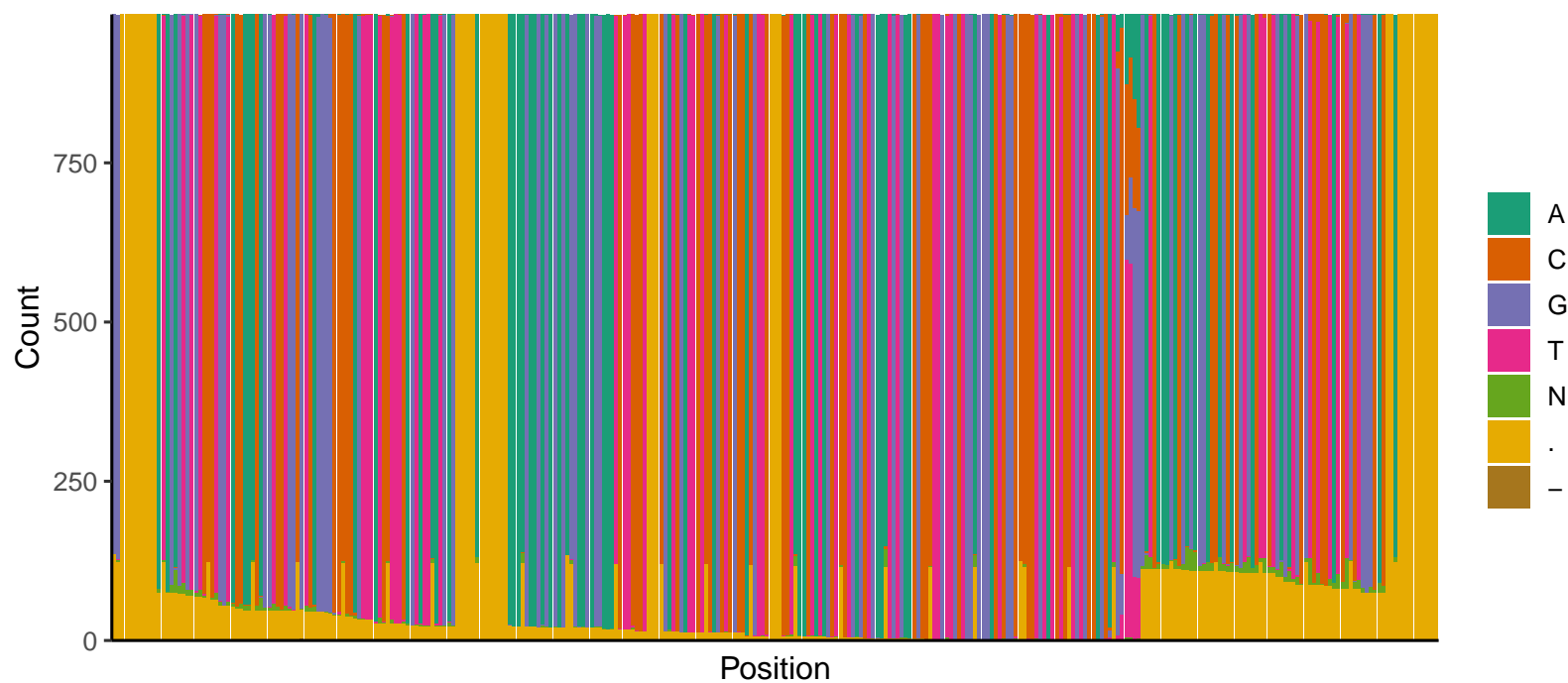
Gene TRBV10-3*03_313GCCATCAGTGAGTC326



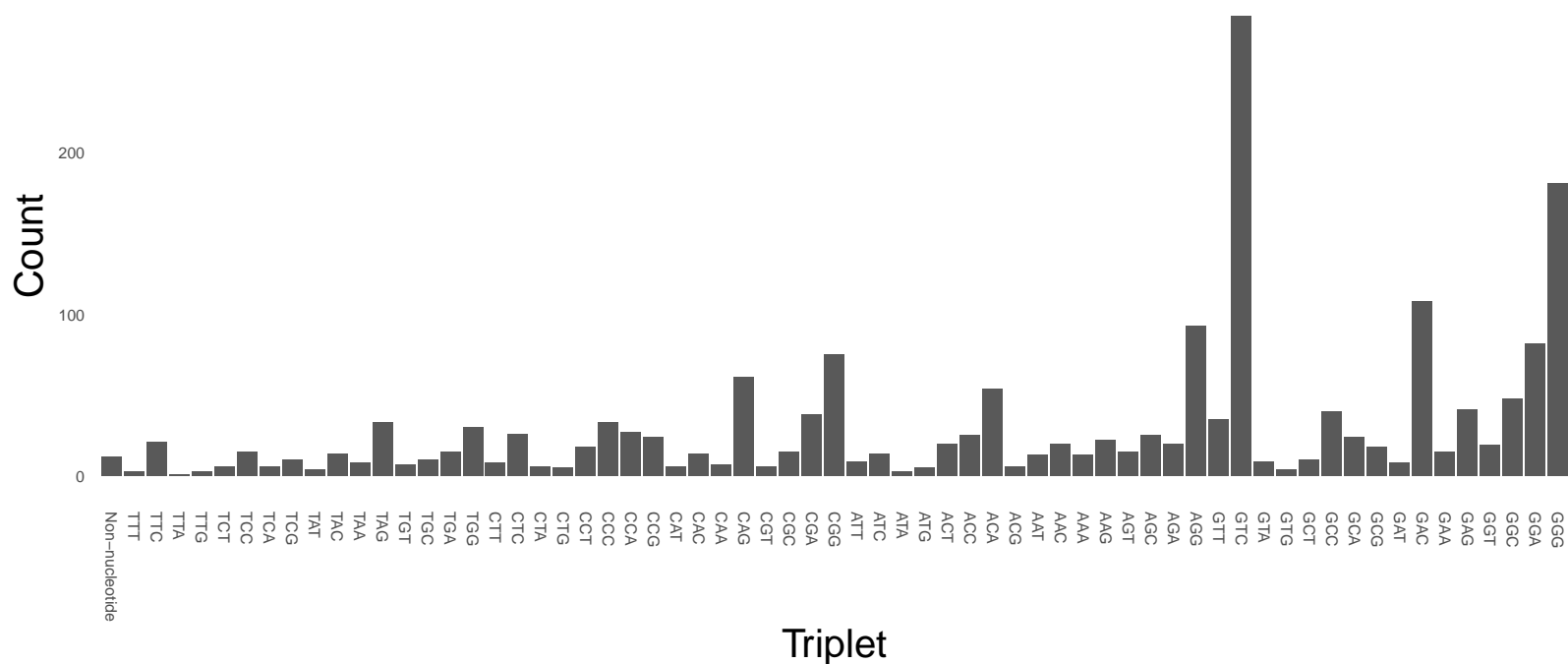
Gene TRBV20-1*02_319AGAGA323



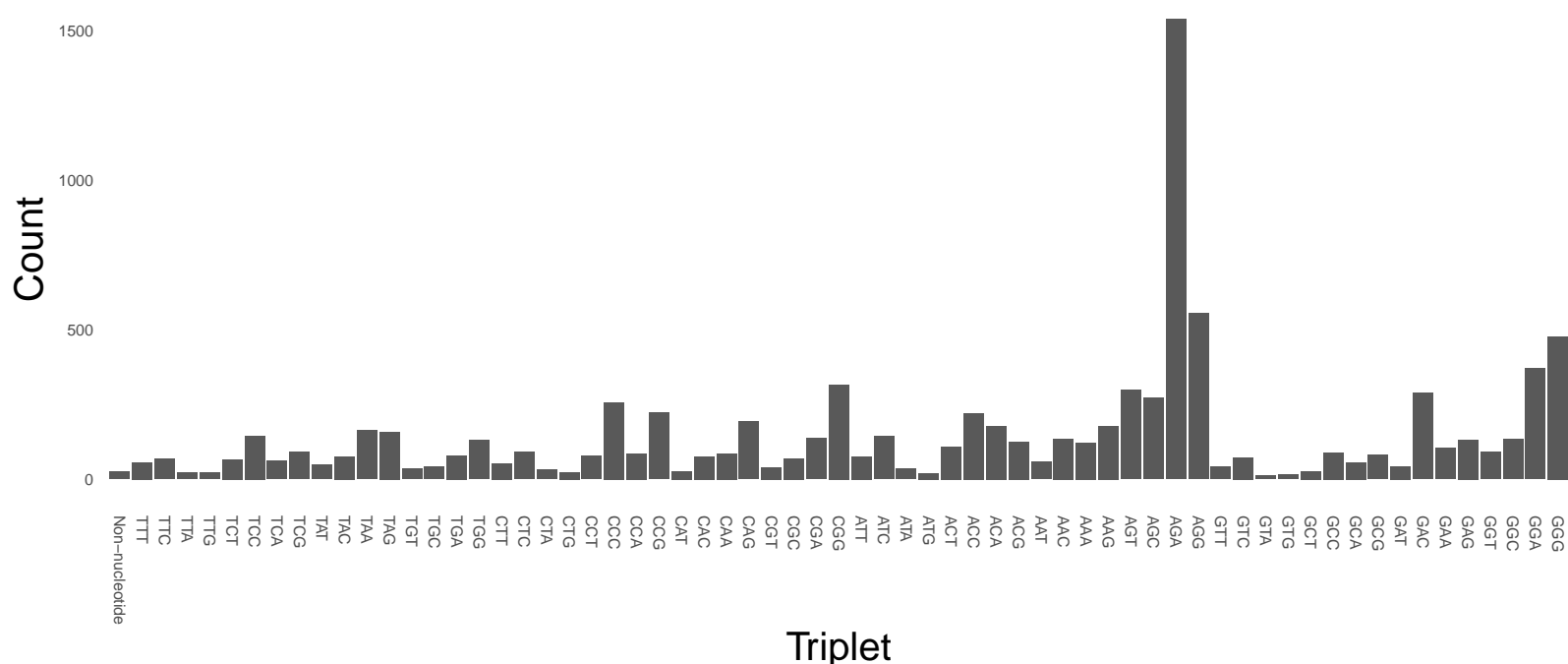
Gene TRBV5-5*02_322TTGG325



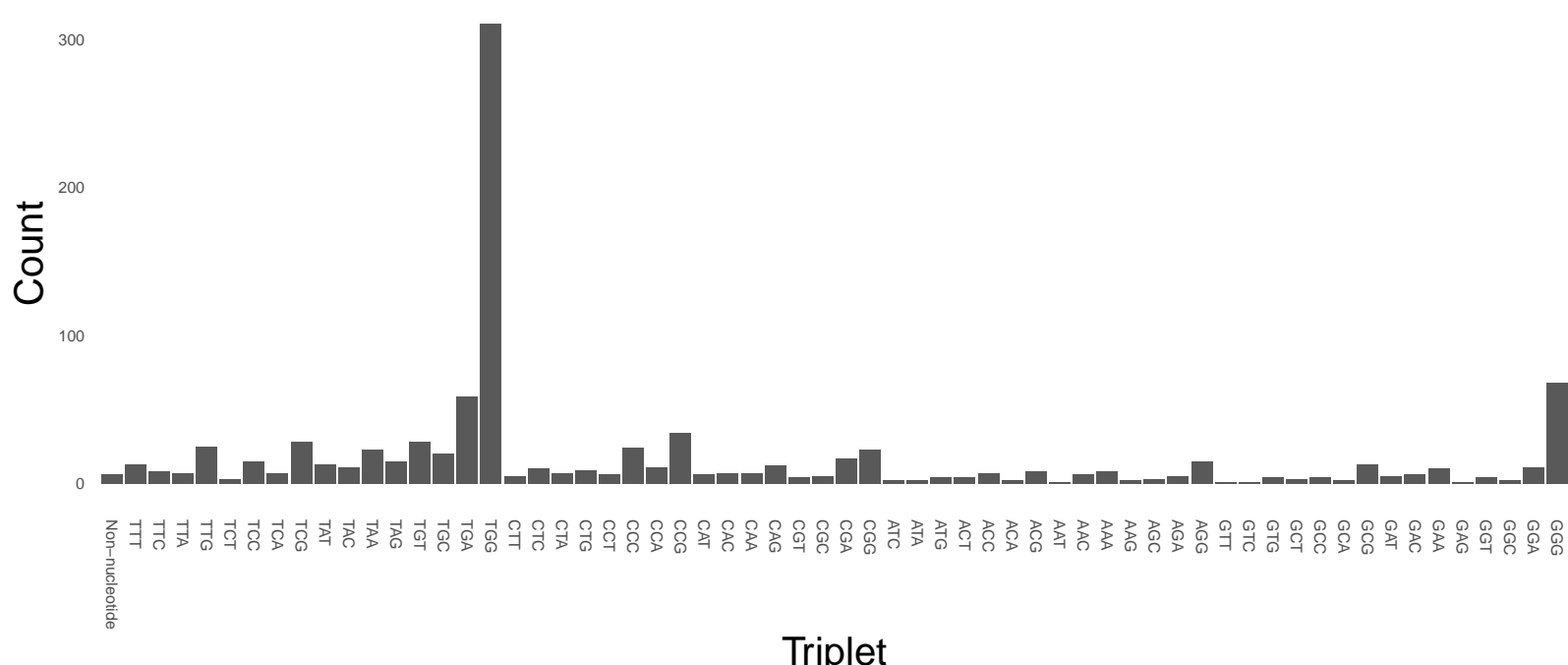
TRBV10–3*03_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



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

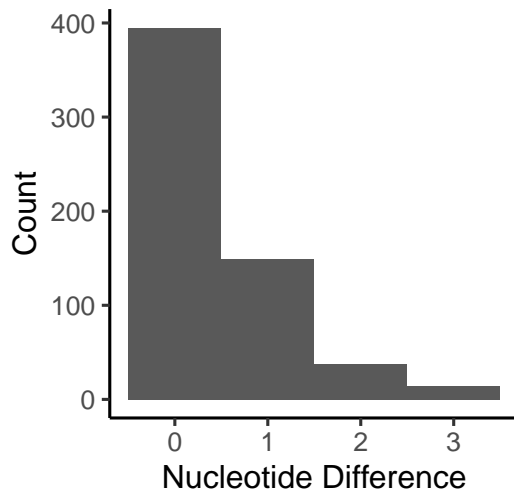


TRBV5–5*02_322TTGG325– Final 3 nucleotides as a triplet



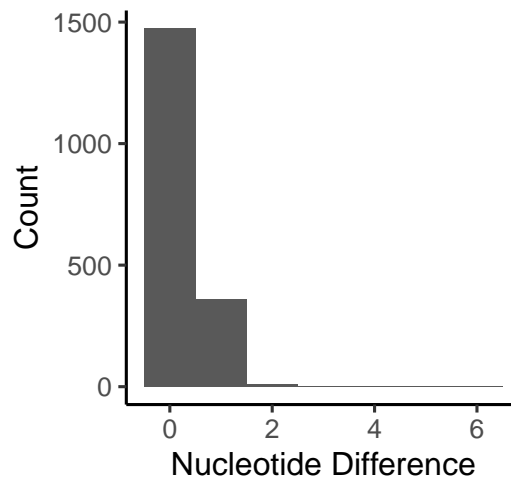
TRBV10-1*01

597 sequences assigned
395 (66.2%) exact matches, in which:
314 unique CDR3
13 unique J



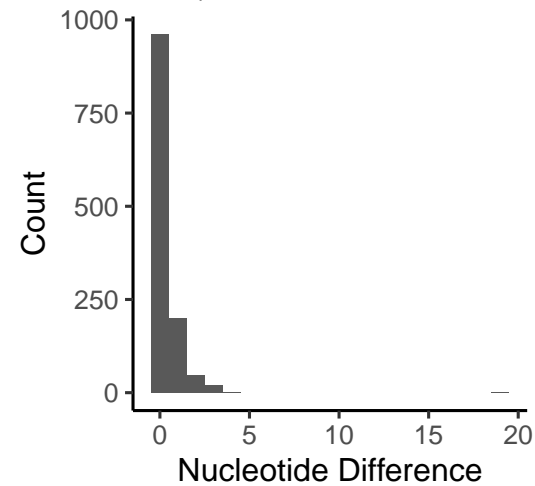
TRBV10-3*03_313GCC.

1851 sequences assigned
1474 (79.6%) exact matches, in which:
1372 unique CDR3
13 unique J



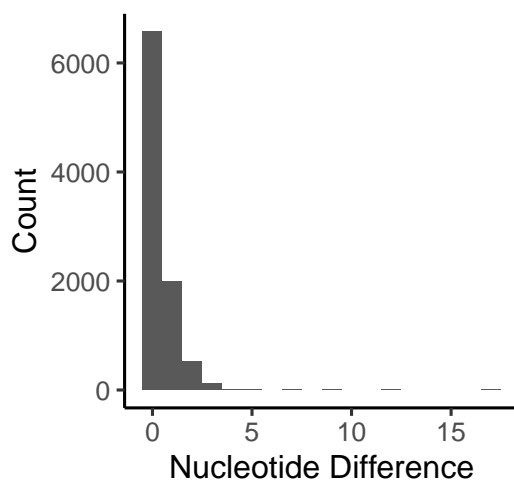
TRBV14*01

1234 sequences assigned
961 (77.9%) exact matches, in which:
884 unique CDR3
13 unique J



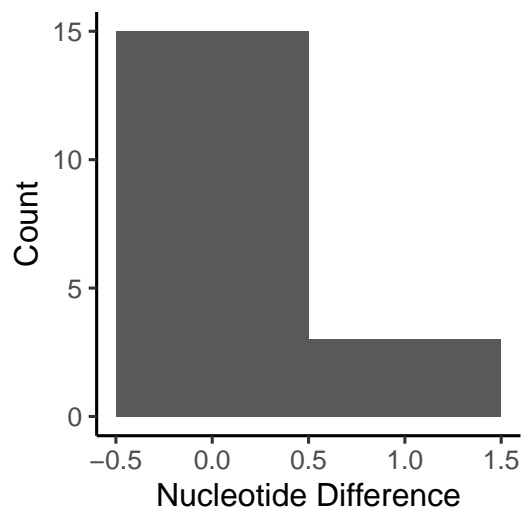
TRBV20-1*02_319AGAC

9195 sequences assigned
6573 (71.5%) exact matches, in which:
6124 unique CDR3
13 unique J



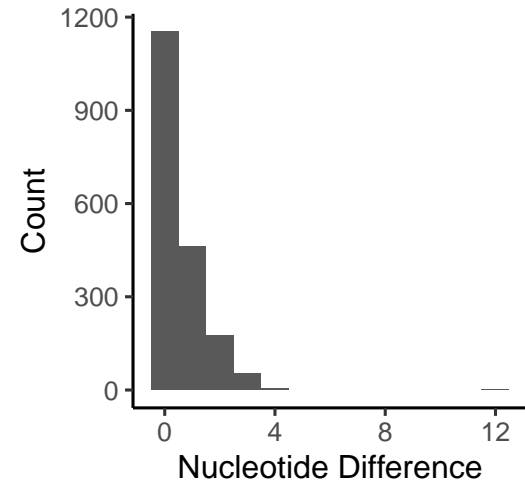
TRBV1*01

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



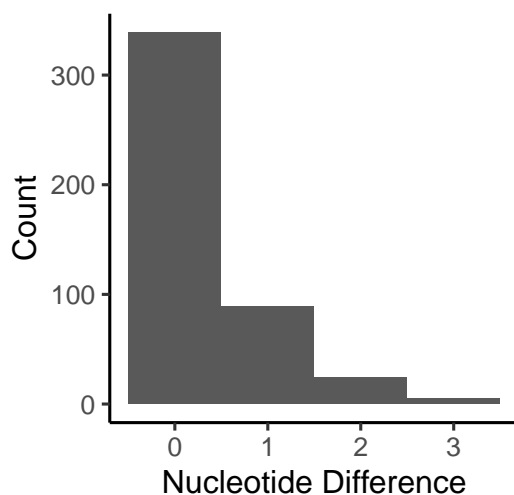
TRBV15*02

1853 sequences assigned
1153 (62.2%) exact matches, in which:
941 unique CDR3
13 unique J



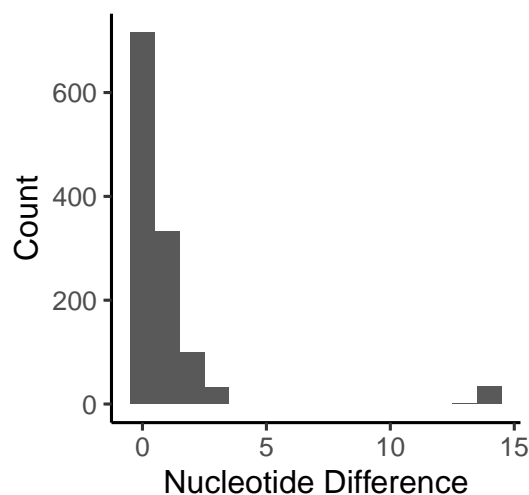
TRBV10-2*01

457 sequences assigned
339 (74.2%) exact matches, in which:
319 unique CDR3
13 unique J



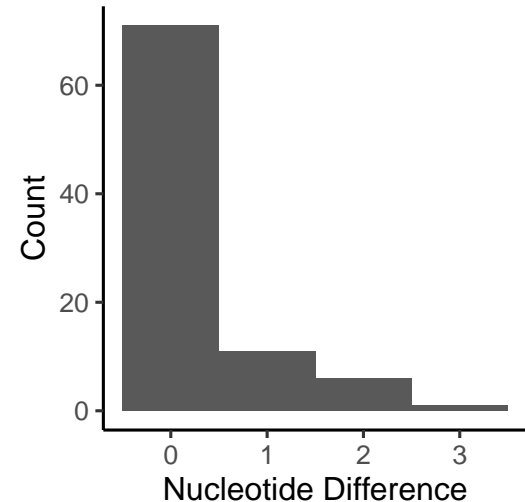
TRBV13*01

1214 sequences assigned
716 (59%) exact matches, in which:
561 unique CDR3
13 unique J



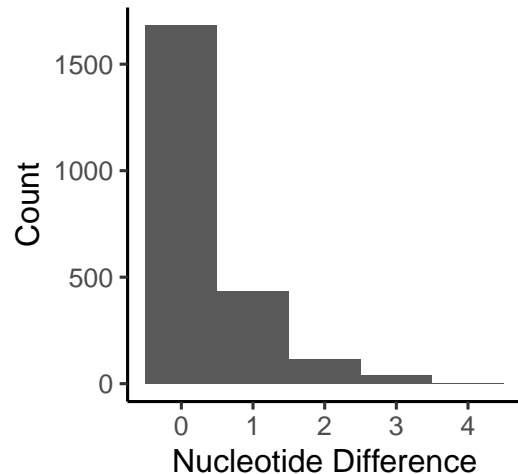
TRBV16*01

89 sequences assigned
71 (79.8%) exact matches, in which:
68 unique CDR3
12 unique J



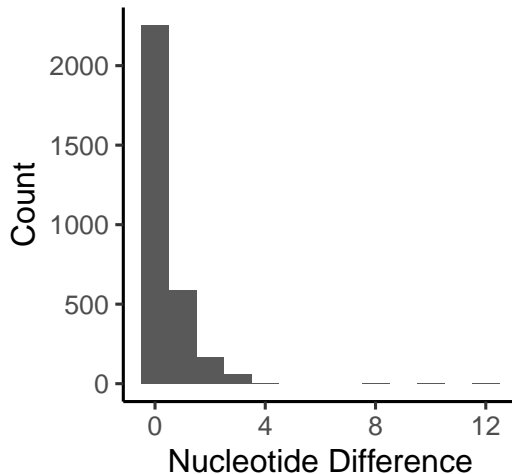
TRBV18*01

2277 sequences assigned
1682 (73.9%) exact matches, in which:
1505 unique CDR3
13 unique J



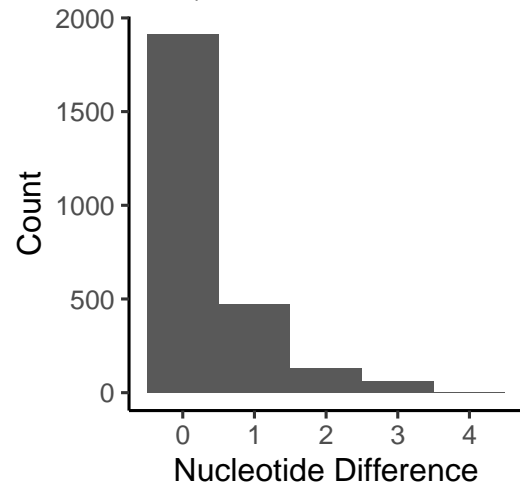
TRBV27*01

3069 sequences assigned
2253 (73.4%) exact matches, in which:
2073 unique CDR3
13 unique J



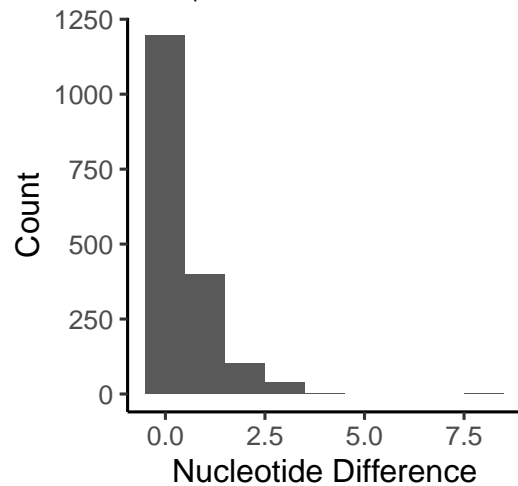
TRBV9*01

2581 sequences assigned
1912 (74.1%) exact matches, in which:
1775 unique CDR3
13 unique J



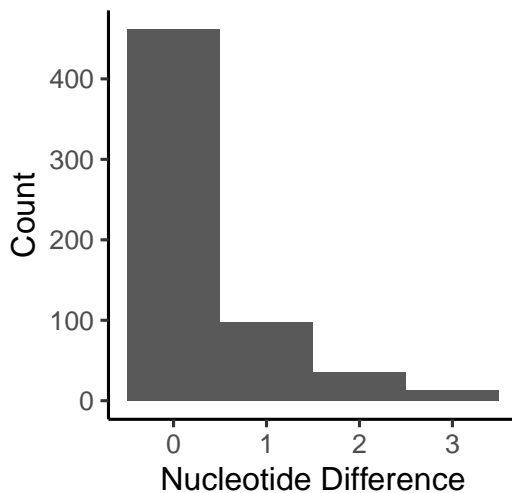
TRBV19*01

1739 sequences assigned
1195 (68.7%) exact matches, in which:
998 unique CDR3
13 unique J



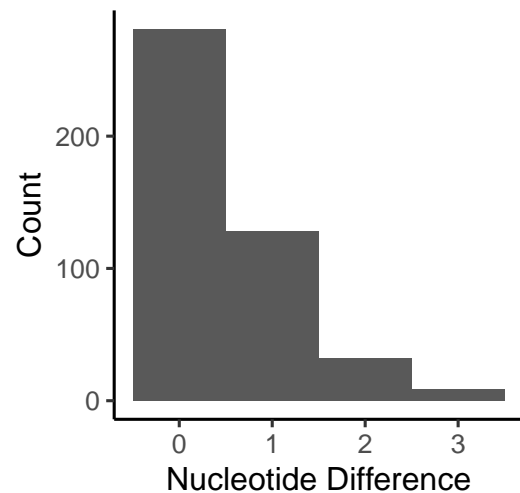
TRBV28*01

607 sequences assigned
462 (76.1%) exact matches, in which:
431 unique CDR3
13 unique J



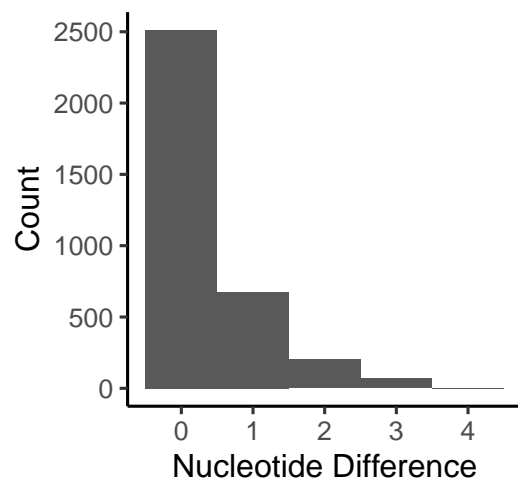
TRBV11-1*01

450 sequences assigned
281 (62.4%) exact matches, in which:
225 unique CDR3
12 unique J



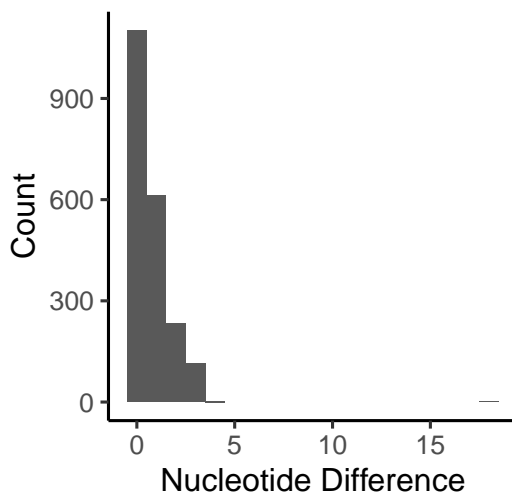
TRBV2*01

3457 sequences assigned
2512 (72.7%) exact matches, in which:
2259 unique CDR3
13 unique J



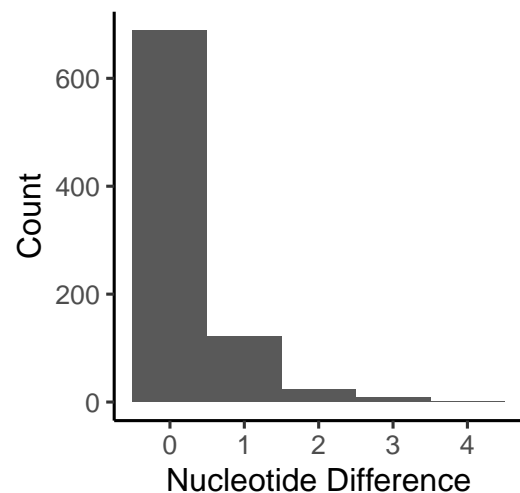
TRBV30*01

2066 sequences assigned
1102 (53.3%) exact matches, in which:
916 unique CDR3
13 unique J



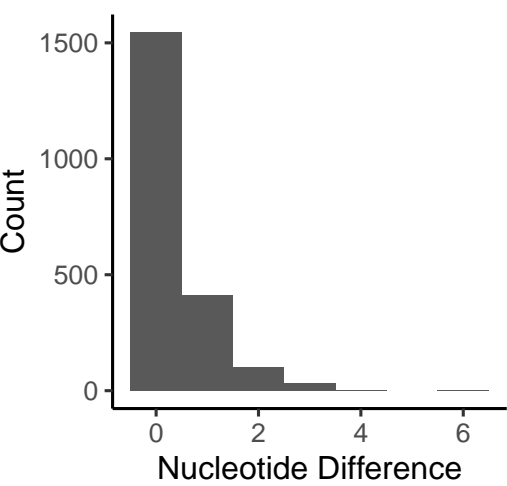
TRBV21-1*02

845 sequences assigned
689 (81.5%) exact matches, in which:
668 unique CDR3
13 unique J



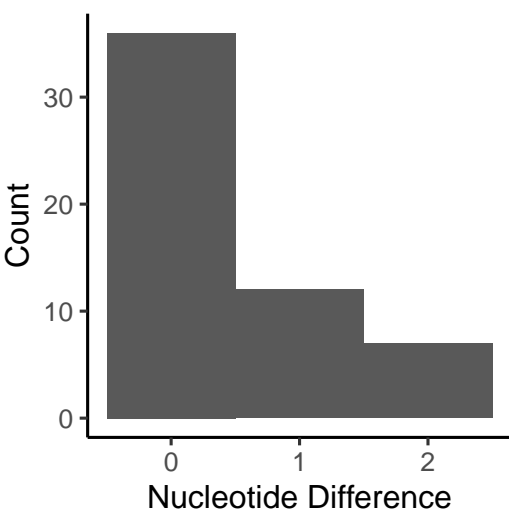
TRBV11-2*01

2097 sequences assigned
1545 (73.7%) exact matches, in which:
1369 unique CDR3
13 unique J



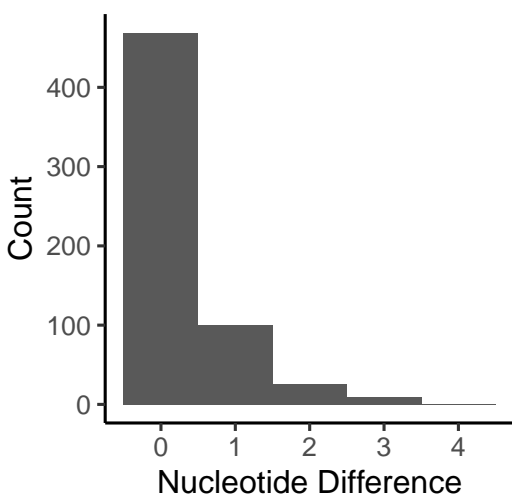
TRBV12-2*01

55 sequences assigned
36 (65.5%) exact matches, in which:
36 unique CDR3
10 unique J



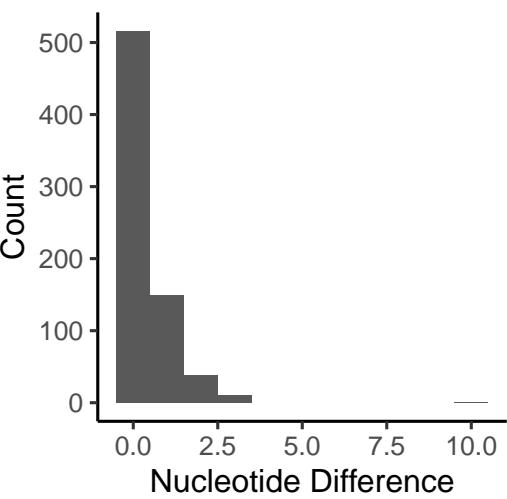
TRBV12-5*01

605 sequences assigned
469 (77.5%) exact matches, in which:
449 unique CDR3
13 unique J



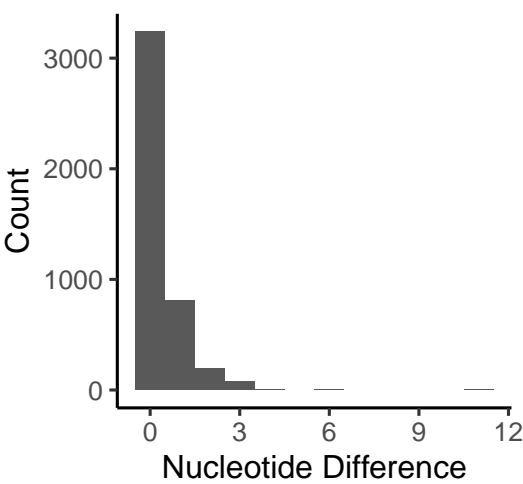
TRBV11-3*04

715 sequences assigned
516 (72.2%) exact matches, in which:
500 unique CDR3
13 unique J



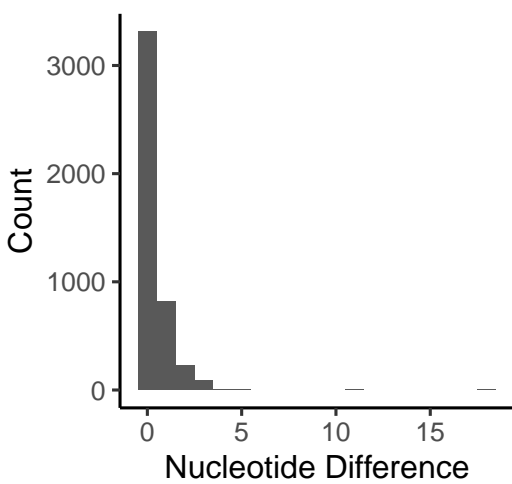
TRBV12-3*01

4318 sequences assigned
3239 (75%) exact matches, in which:
3041 unique CDR3
13 unique J



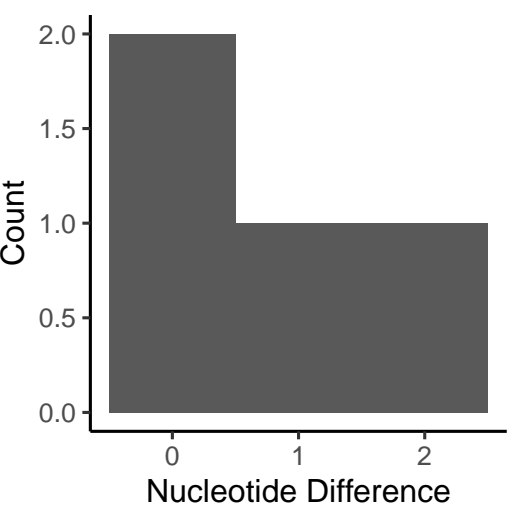
TRBV3-1*01

4452 sequences assigned
3312 (74.4%) exact matches, in which:
3041 unique CDR3
14 unique J



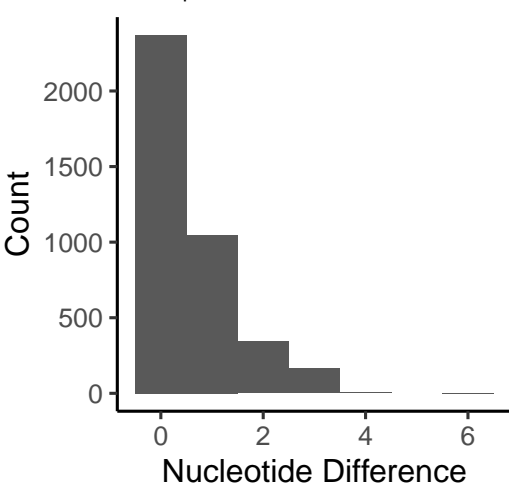
TRBV12-1*01

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



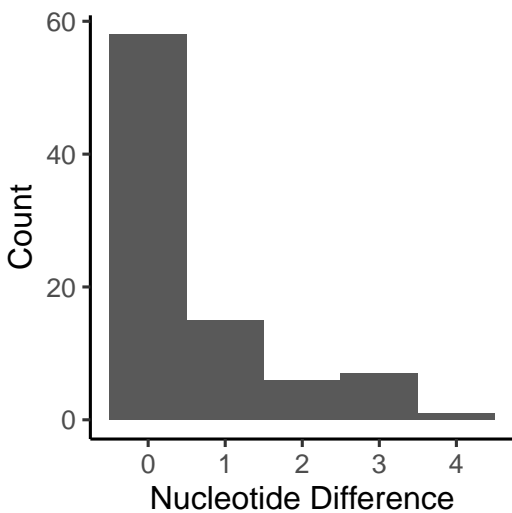
TRBV12-4*01

3931 sequences assigned
2370 (60.3%) exact matches, in which:
1893 unique CDR3
13 unique J



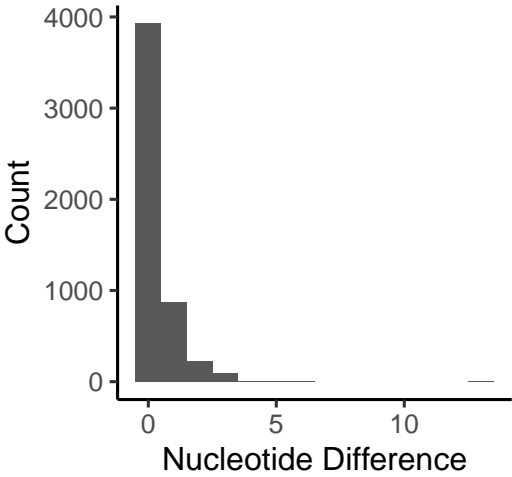
TRBV23-1*01

87 sequences assigned
58 (66.7%) exact matches, in which:
53 unique CDR3
11 unique J



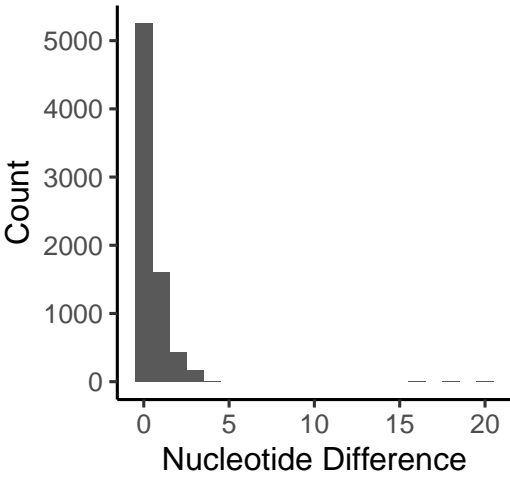
TRBV4-1*01

5122 sequences assigned
3929 (76.7%) exact matches, in which:
3686 unique CDR3
13 unique J



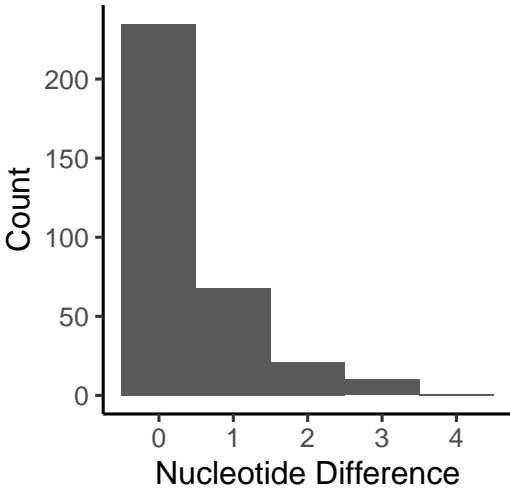
TRBV5-1*01

7460 sequences assigned
5253 (70.4%) exact matches, in which:
4912 unique CDR3
13 unique J



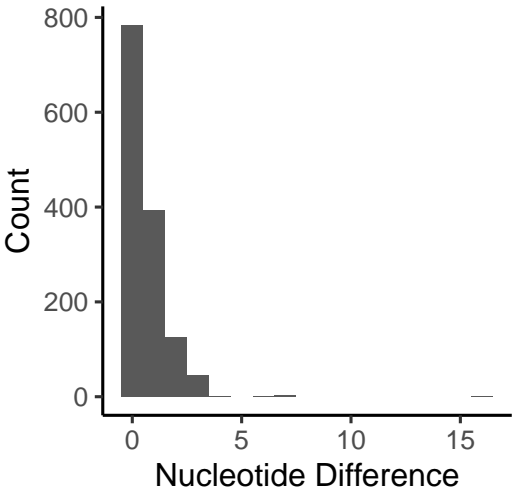
TRBV5-4*01

335 sequences assigned
235 (70.1%) exact matches, in which:
223 unique CDR3
13 unique J



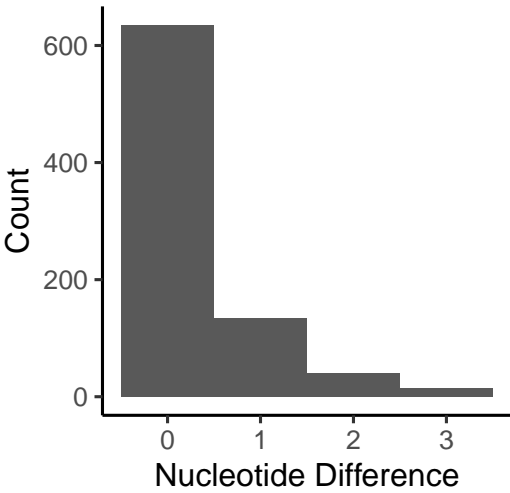
TRBV24-1*02

1357 sequences assigned
784 (57.8%) exact matches, in which:
577 unique CDR3
13 unique J



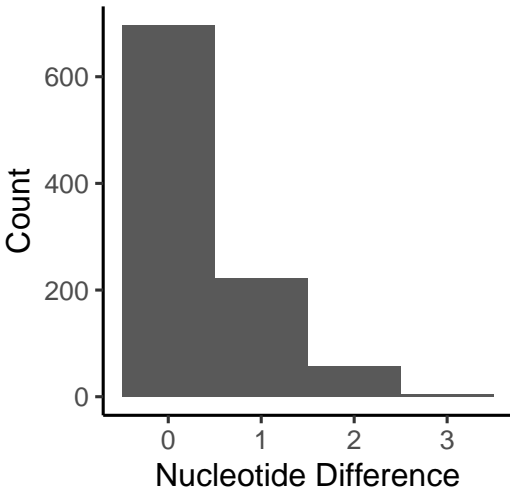
TRBV25-1*01

824 sequences assigned
635 (77.1%) exact matches, in which:
606 unique CDR3
13 unique J



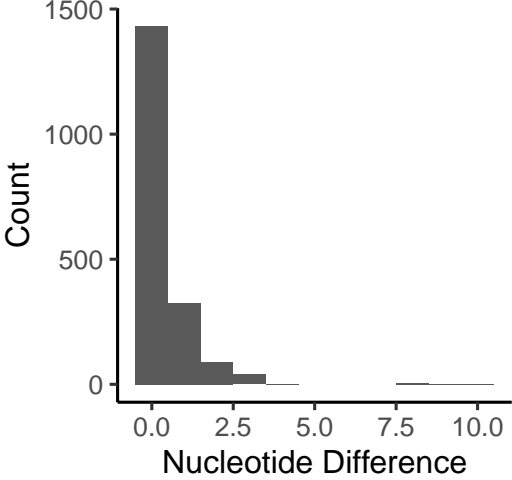
TRBV5-5*02_322TTGG3

983 sequences assigned
697 (70.9%) exact matches, in which:
588 unique CDR3
13 unique J



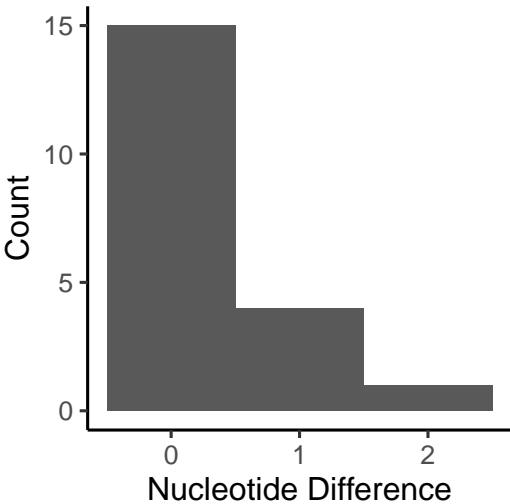
TRBV4-2*01

1895 sequences assigned
1432 (75.6%) exact matches, in which:
1305 unique CDR3
13 unique J



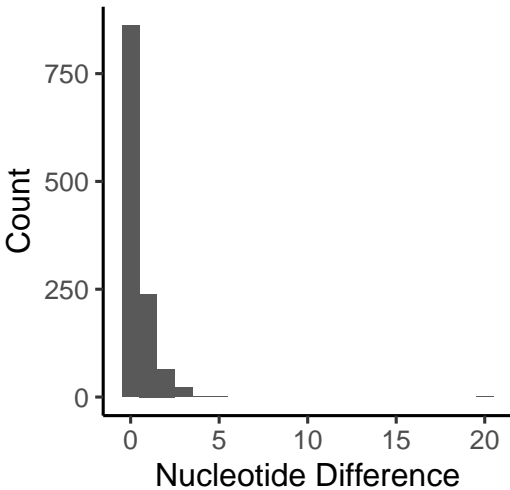
TRBV5-3*01

20 sequences assigned
15 (75%) exact matches, in which:
15 unique CDR3
10 unique J



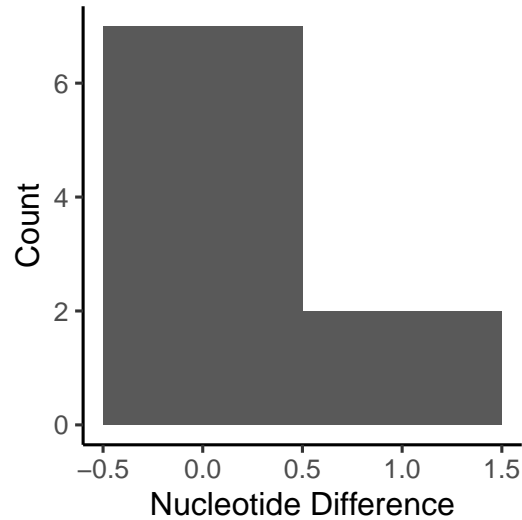
TRBV5-6*01

1192 sequences assigned
862 (72.3%) exact matches, in which:
795 unique CDR3
13 unique J



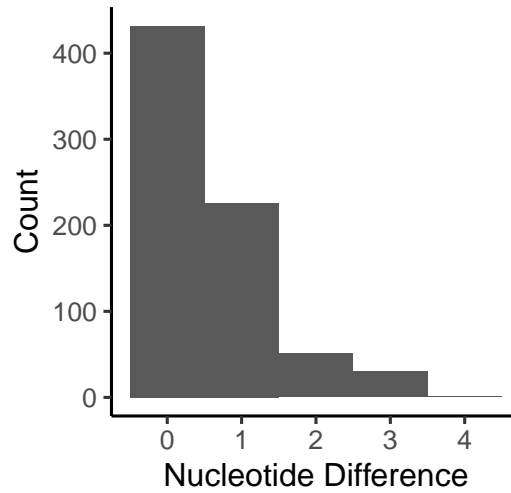
TRBV5-7*01

9 sequences assigned
7 (77.8%) exact matches, in which:
7 unique CDR3
4 unique J



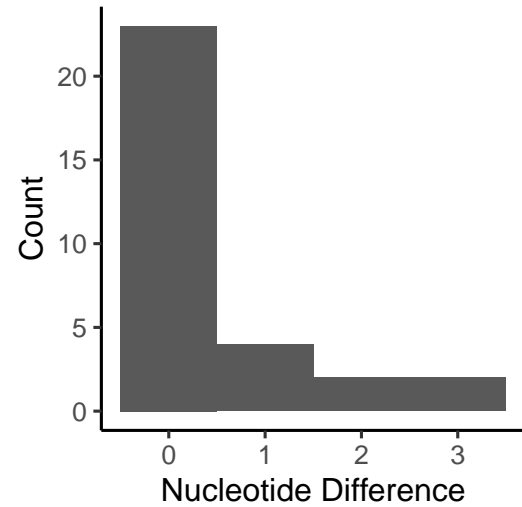
TRBV6-4*01

740 sequences assigned
432 (58.4%) exact matches, in which:
285 unique CDR3
12 unique J



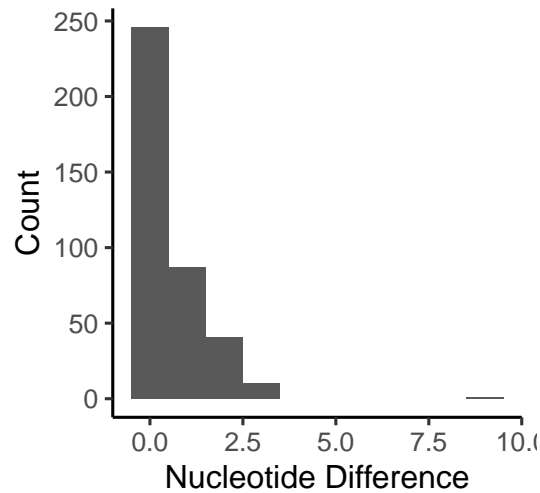
TRBV6-7*01

31 sequences assigned
23 (74.2%) exact matches, in which:
18 unique CDR3
8 unique J



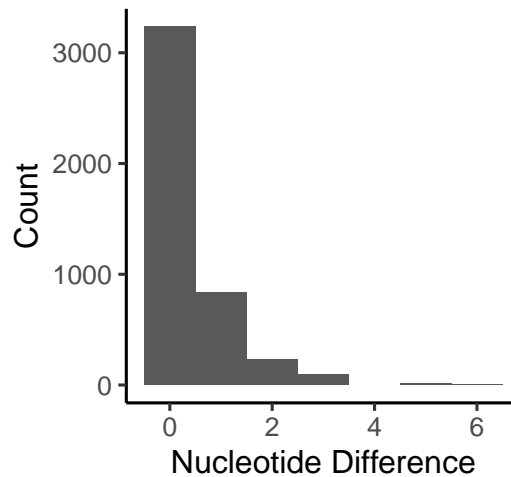
TRBV5-8*01

386 sequences assigned
246 (63.7%) exact matches, in which:
157 unique CDR3
13 unique J



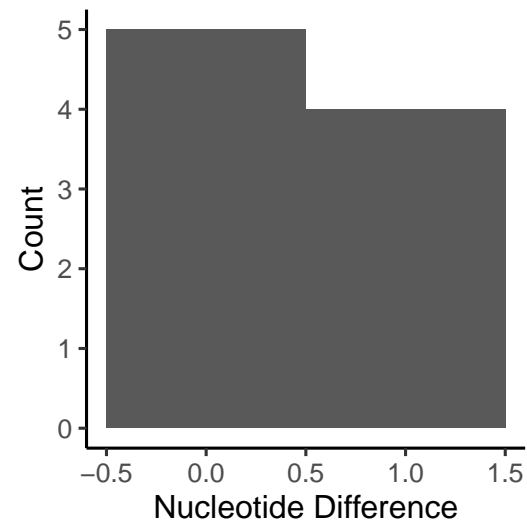
TRBV6-5*01

4416 sequences assigned
3235 (73.3%) exact matches, in which:
3025 unique CDR3
13 unique J



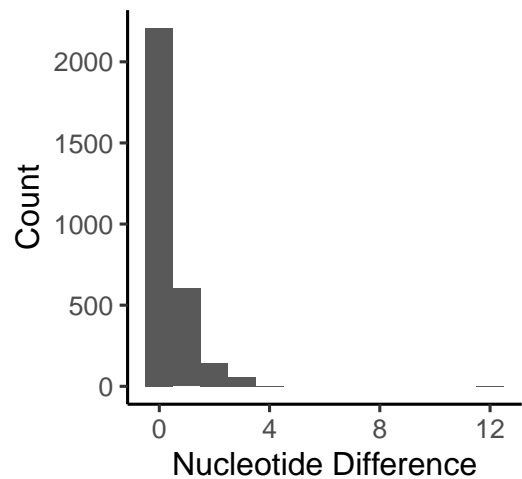
TRBV6-8*01

9 sequences assigned
5 (55.6%) exact matches, in which:
5 unique CDR3
3 unique J



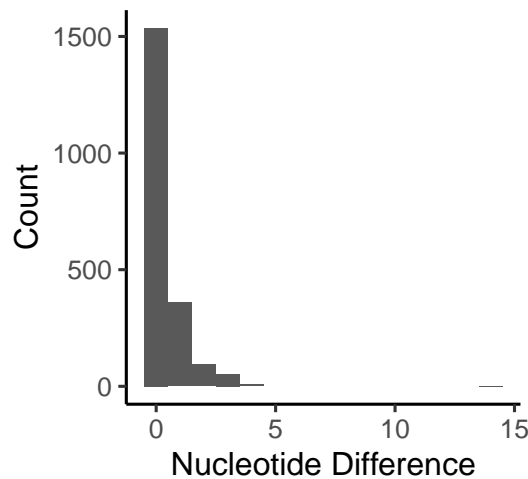
TRBV6-1*01

3016 sequences assigned
2208 (73.2%) exact matches, in which:
2070 unique CDR3
13 unique J



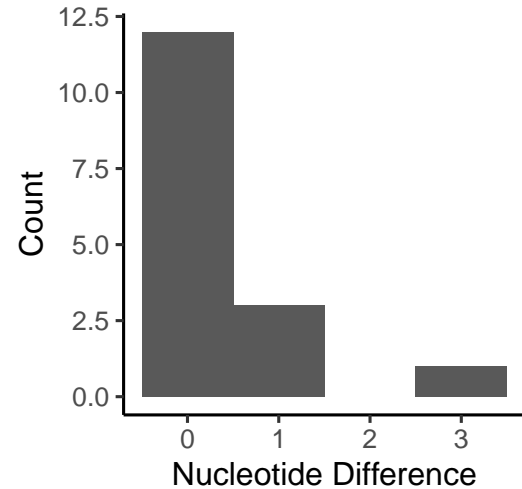
TRBV6-6*01

2049 sequences assigned
1536 (75%) exact matches, in which:
1428 unique CDR3
13 unique J



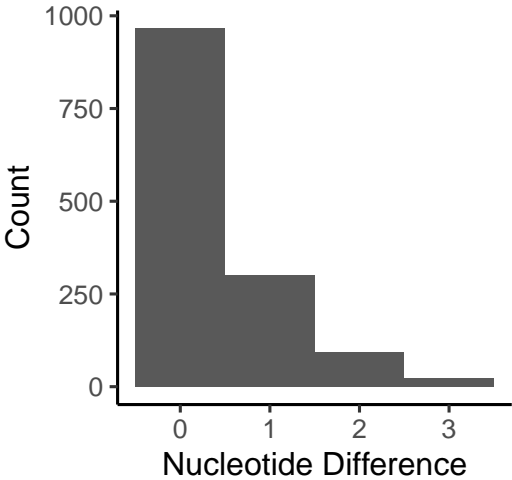
TRBV6-9*01

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



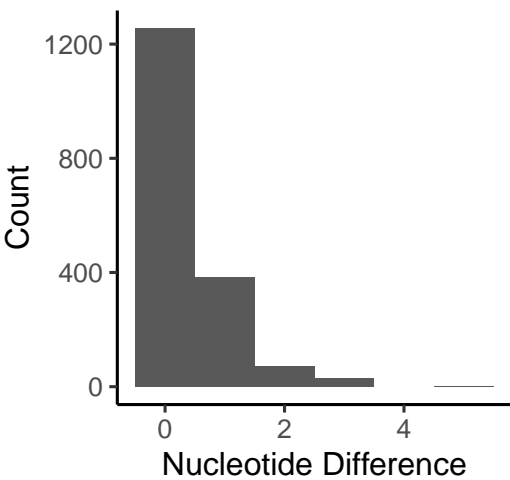
TRBV6-23*01

1382 sequences assigned
966 (69.9%) exact matches, in which:
869 unique CDR3
13 unique J



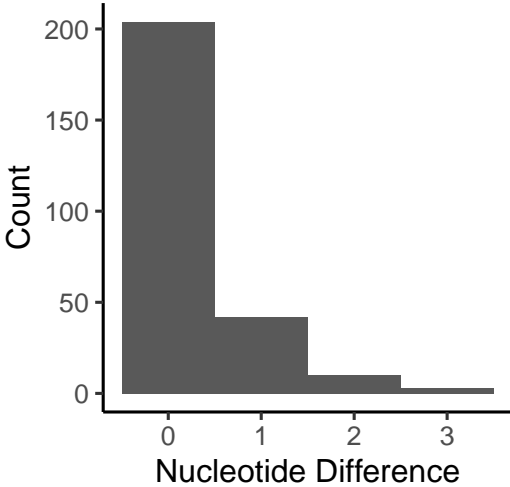
TRBV7-3*01

1742 sequences assigned
1255 (72%) exact matches, in which:
1141 unique CDR3
13 unique J



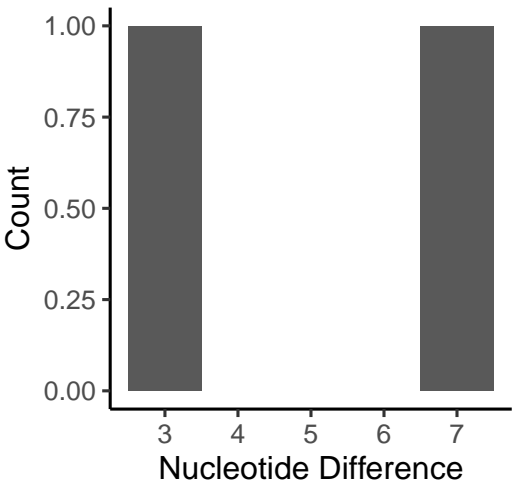
TRBV7-7*01

259 sequences assigned
204 (78.8%) exact matches, in which:
185 unique CDR3
13 unique J



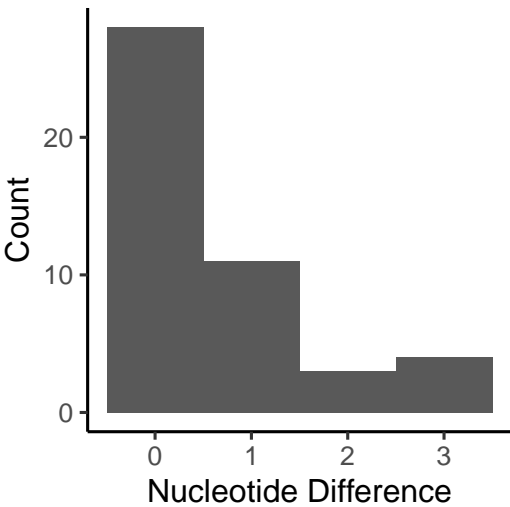
TRBV7-1*01

2 sequences assigned
No exact matches.



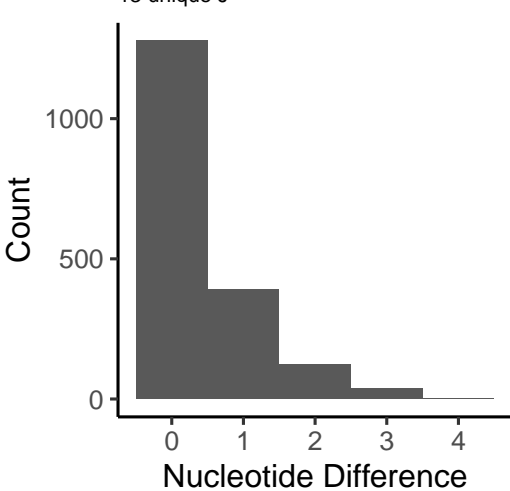
TRBV7-4*01

46 sequences assigned
28 (60.9%) exact matches, in which:
25 unique CDR3
8 unique J



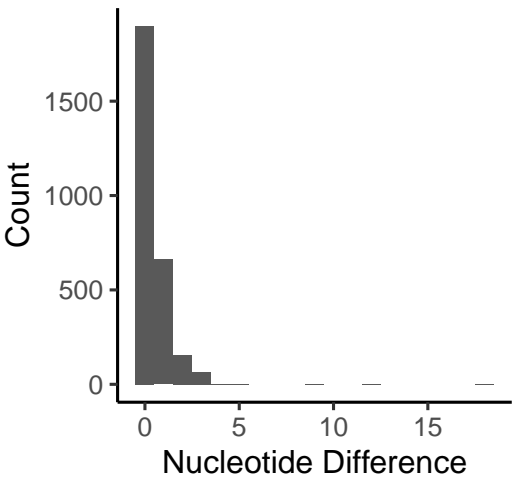
TRBV7-8*01

1833 sequences assigned
1278 (69.7%) exact matches, in which:
1060 unique CDR3
13 unique J



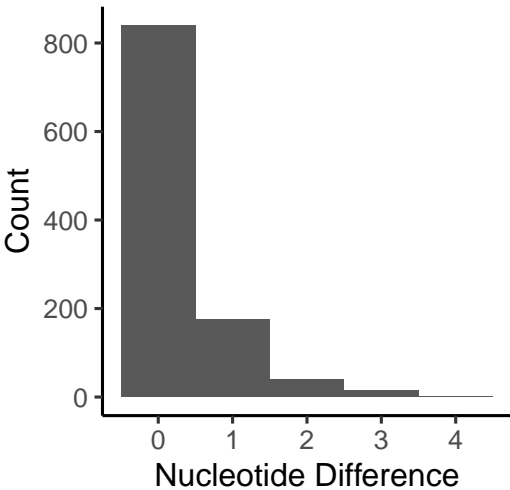
TRBV7-2*02

2787 sequences assigned
1898 (68.1%) exact matches, in which:
1698 unique CDR3
13 unique J



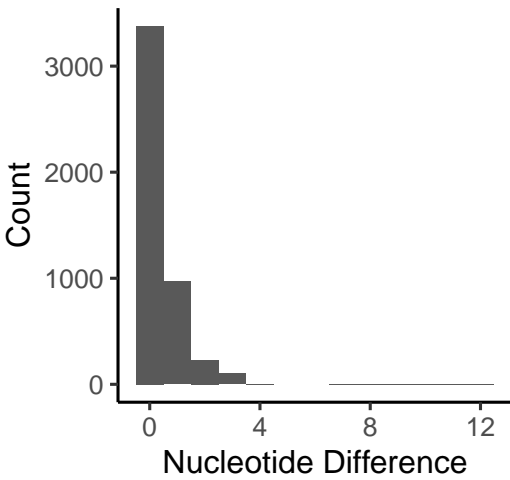
TRBV7-6*01

1073 sequences assigned
840 (78.3%) exact matches, in which:
794 unique CDR3
13 unique J



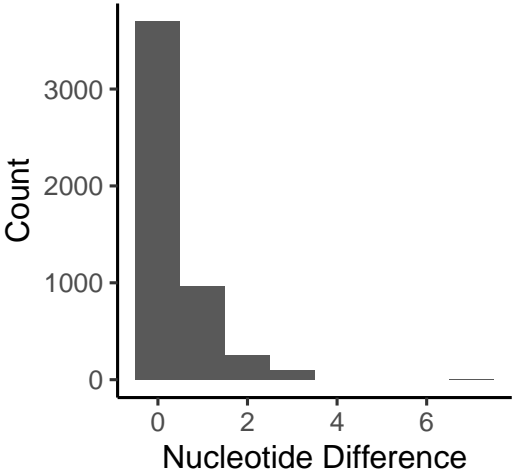
TRBV7-9*03

4688 sequences assigned
3378 (72.1%) exact matches, in which:
3141 unique CDR3
13 unique J

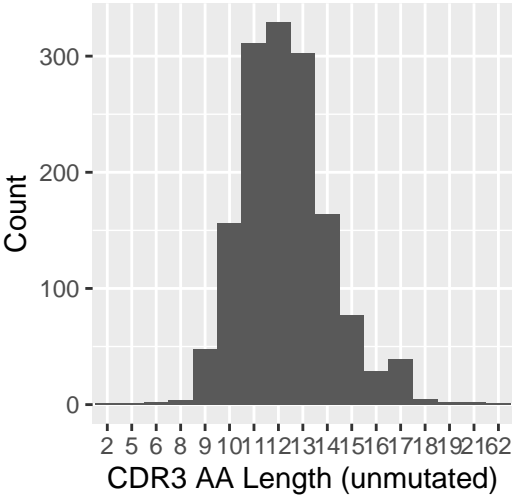


TRBV29-1*01

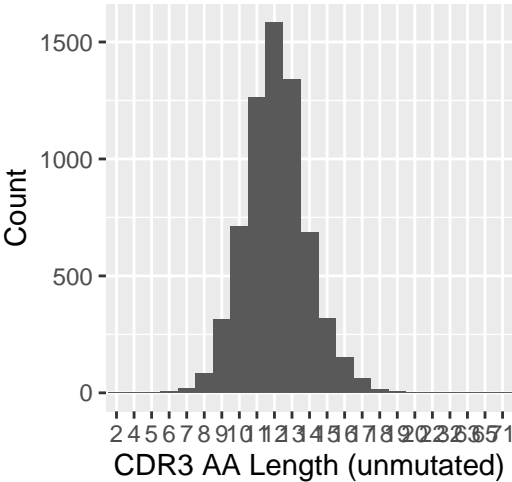
5010 sequences assigned
3698 (73.8%) exact matches, in which:
3391 unique CDR3
13 unique J



TRBV10-3*03_313GCCATCAGTGAGTC326



TRBV20-1*02_319AGAGA323



TRBV5-5*02_322TTGG325

