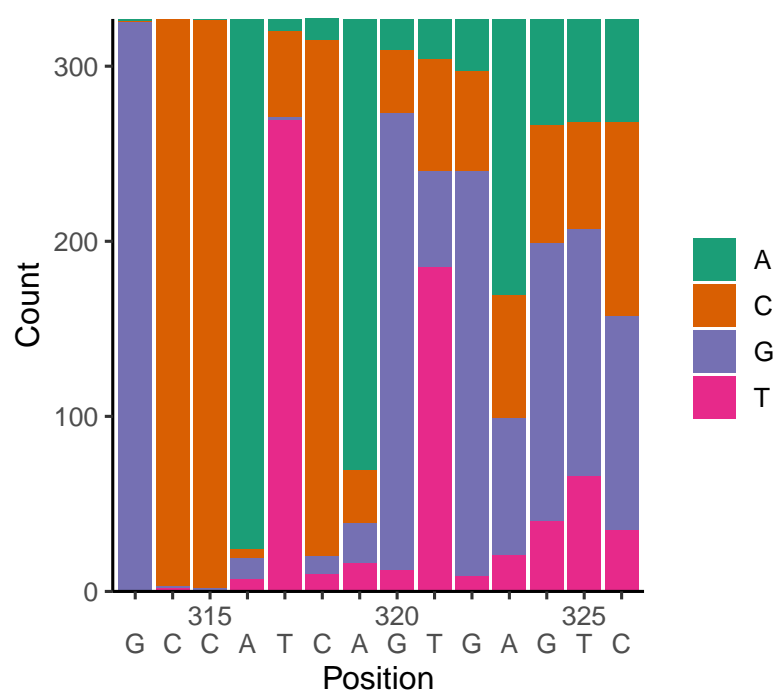
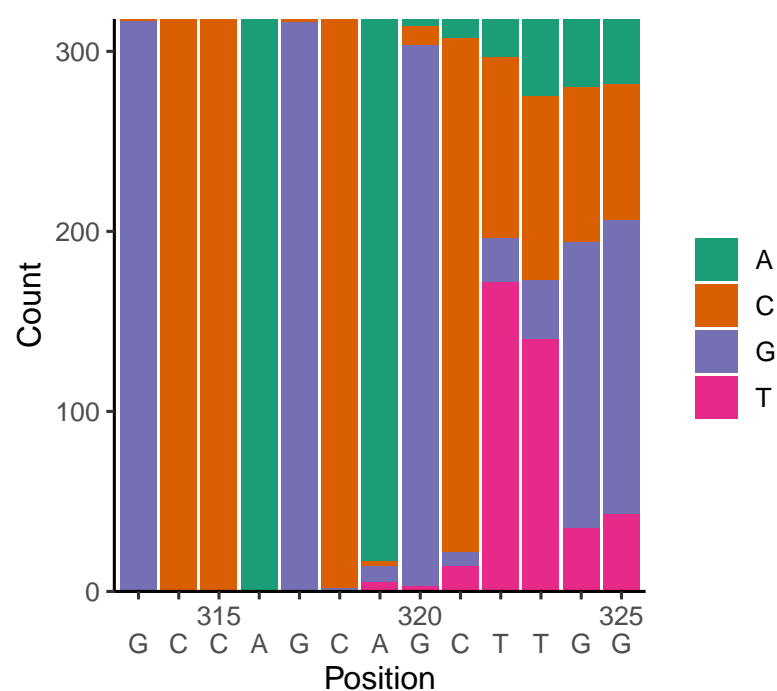


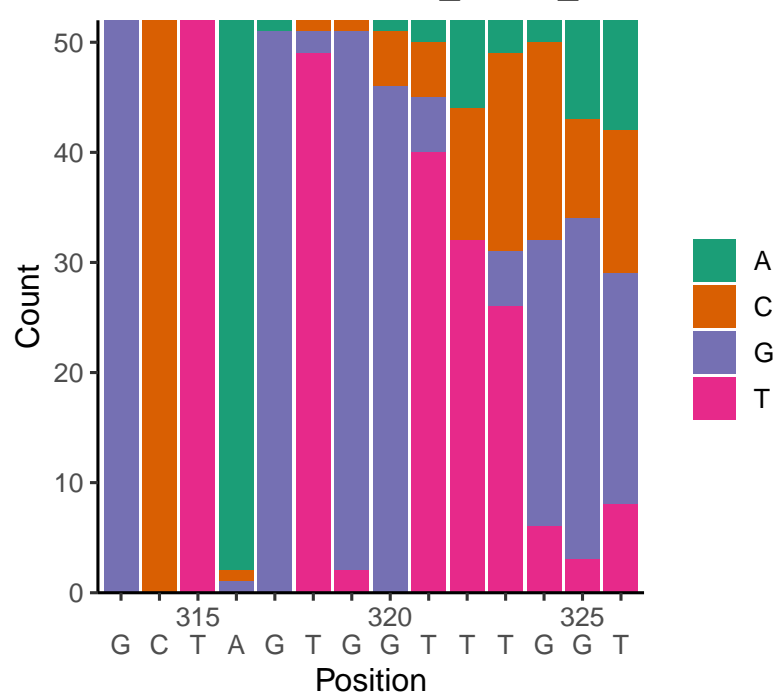
Gene TRBV10-3*03_313GCCATCAGTG/



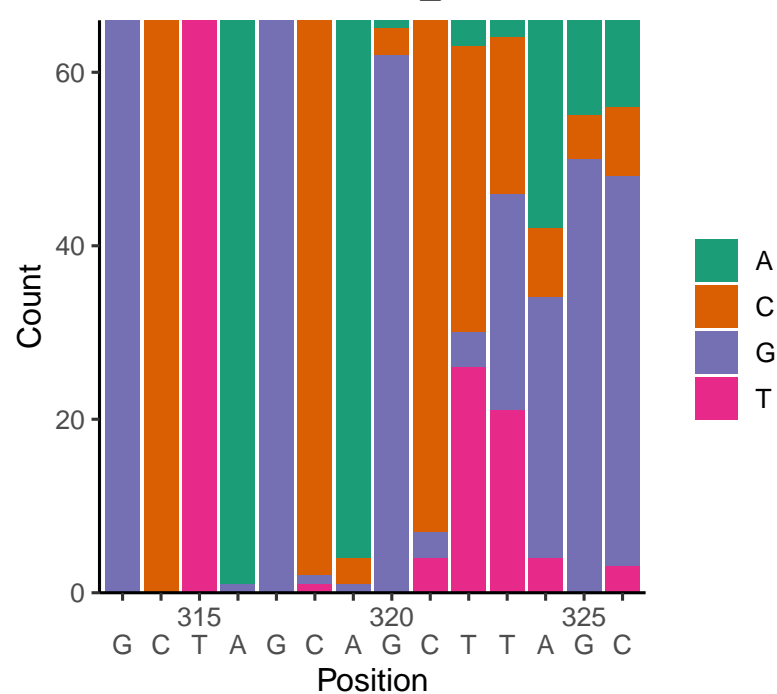
Gene TRBV5-5*02_322TTGG325



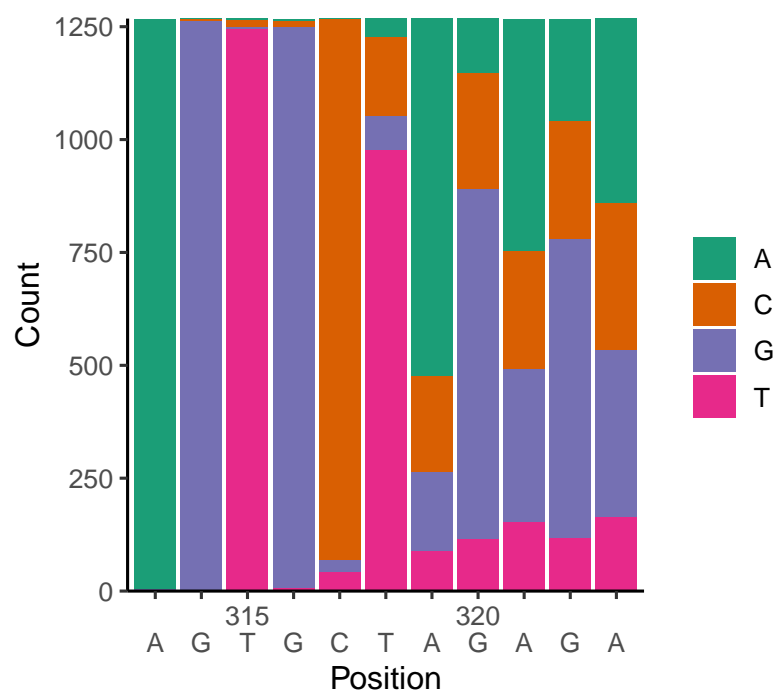
Gene TRBV12-5*01_C28G_T140A



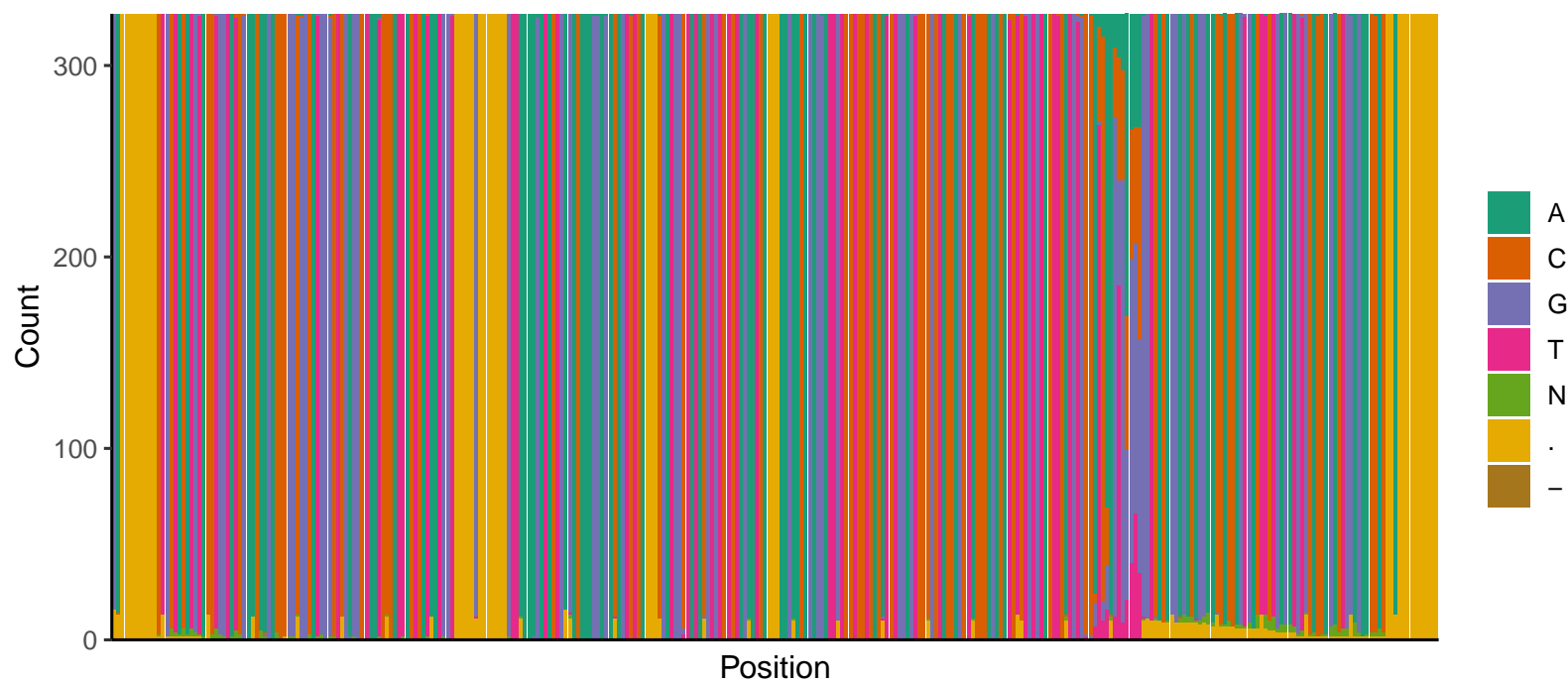
Gene TRBV7-7*01_C315T



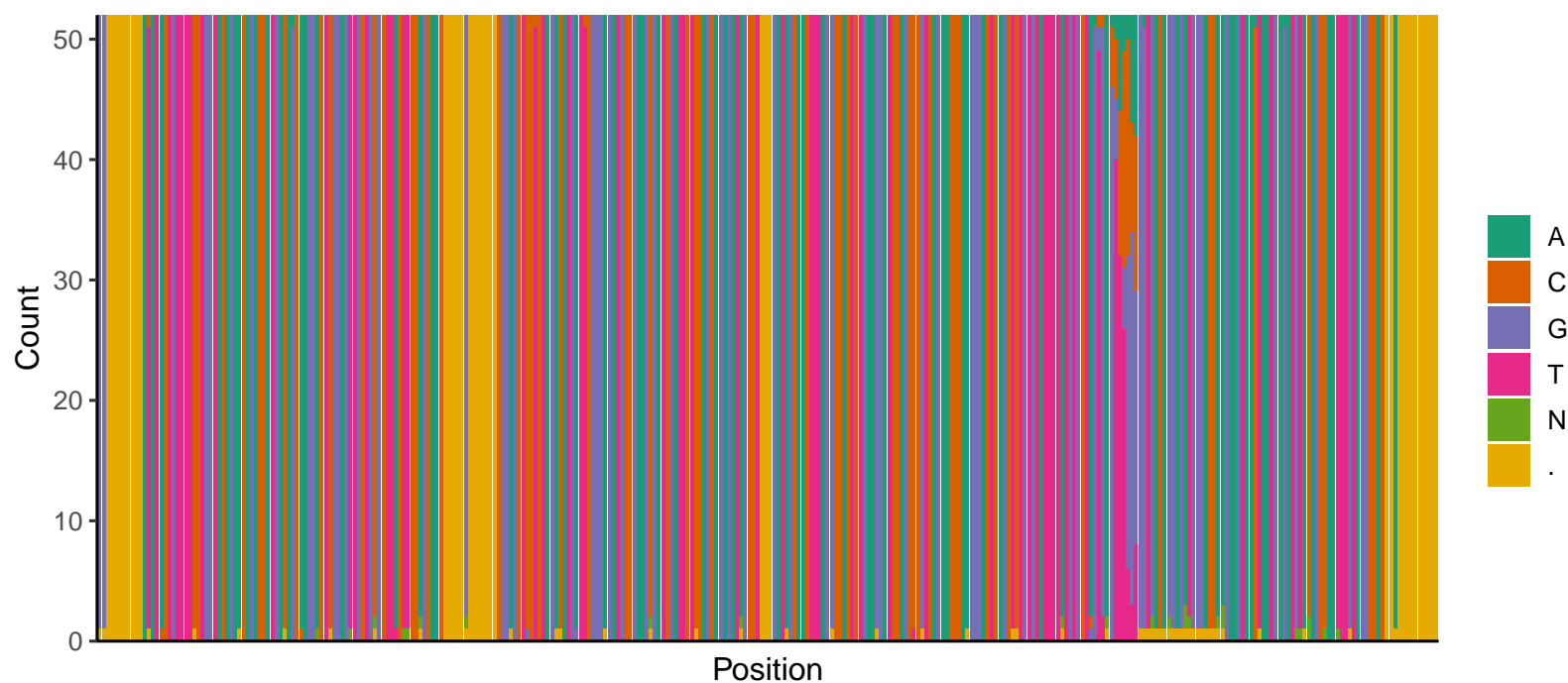
Gene TRBV20-1*02_319AGAGA323



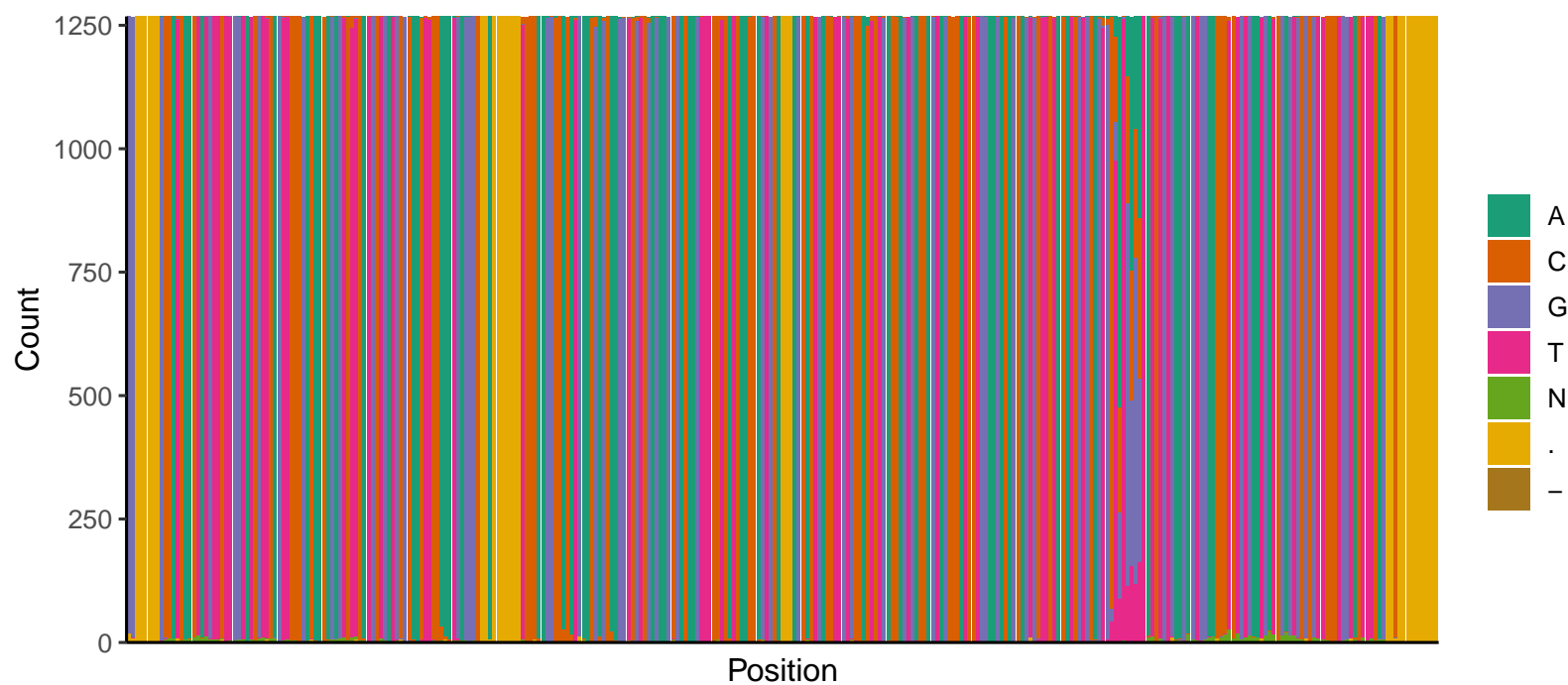
Gene TRBV10-3*03_313GCCATCAGTGAGTC326



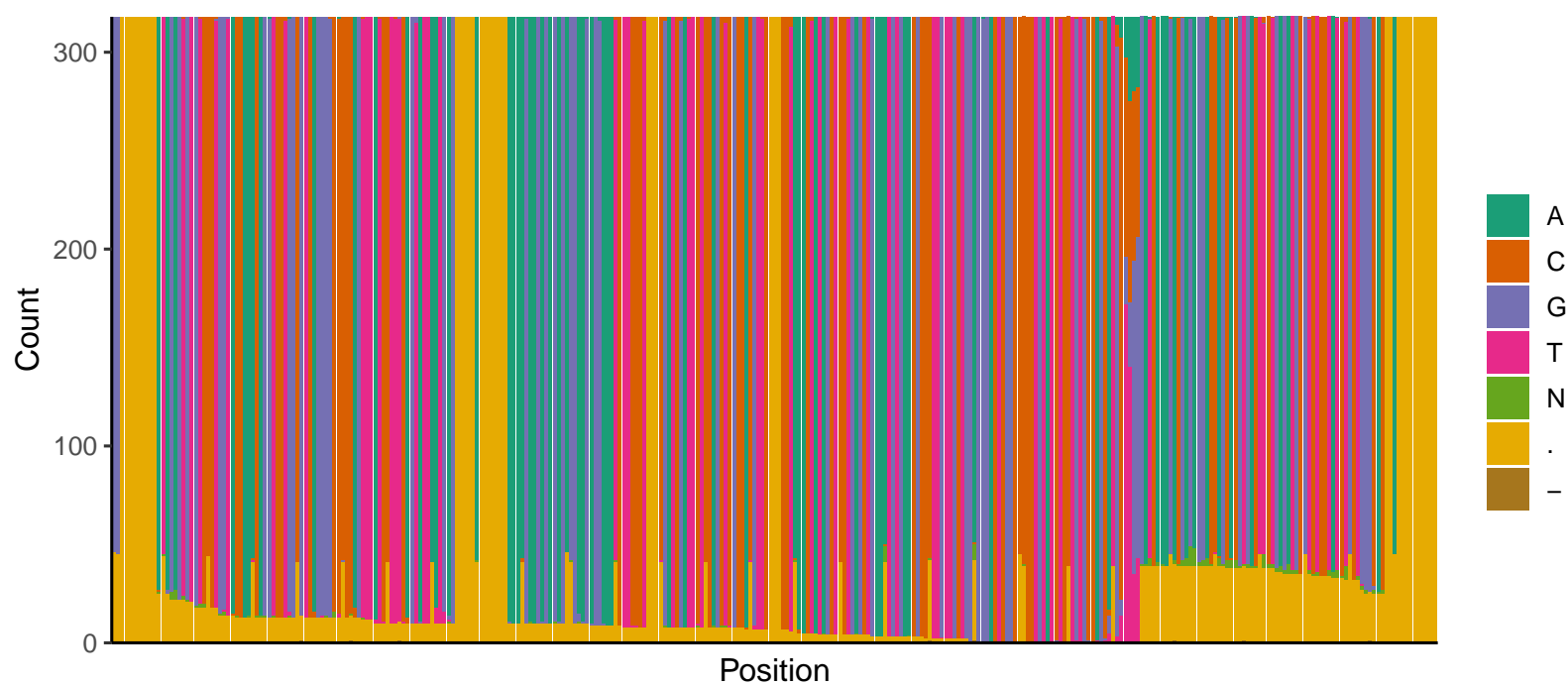
Gene TRBV12-5*01_C28G_T140A



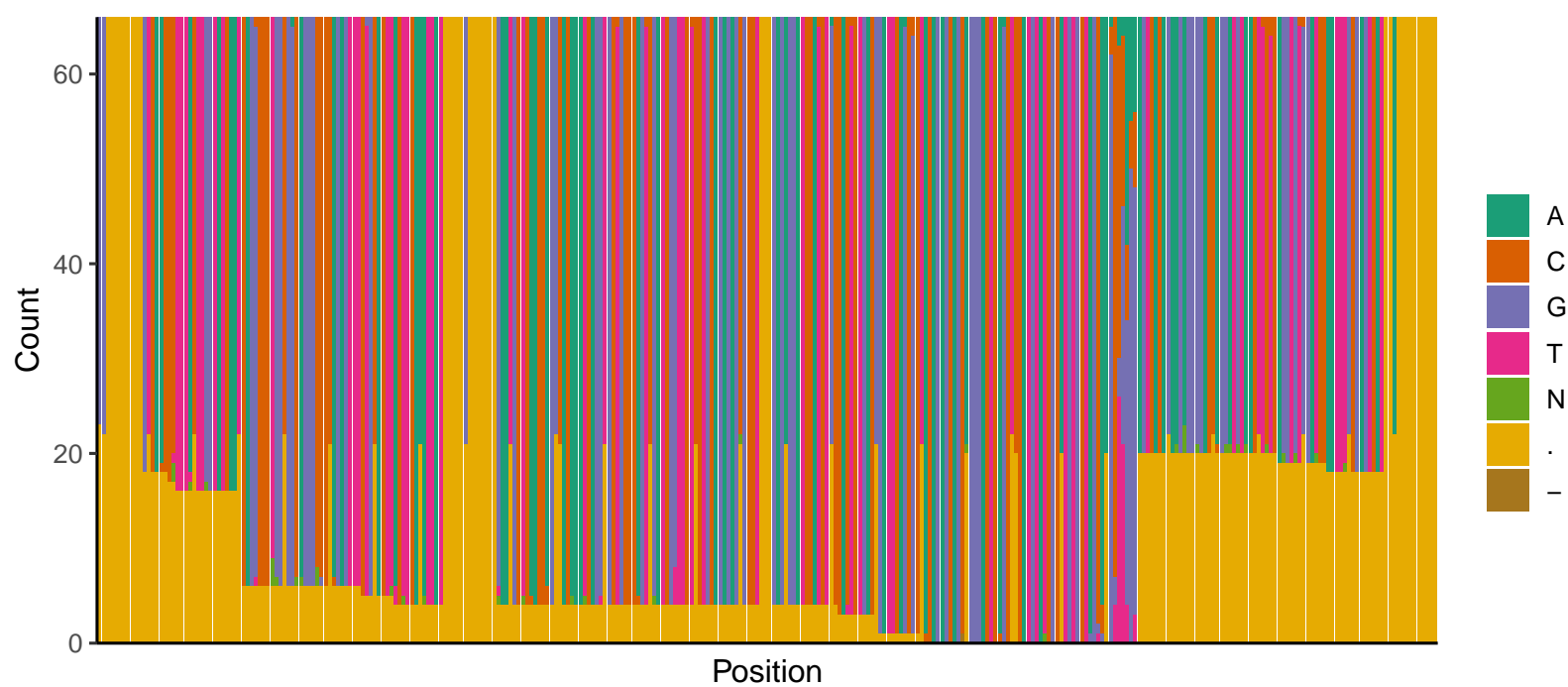
Gene TRBV20-1*02_319AGAGA323



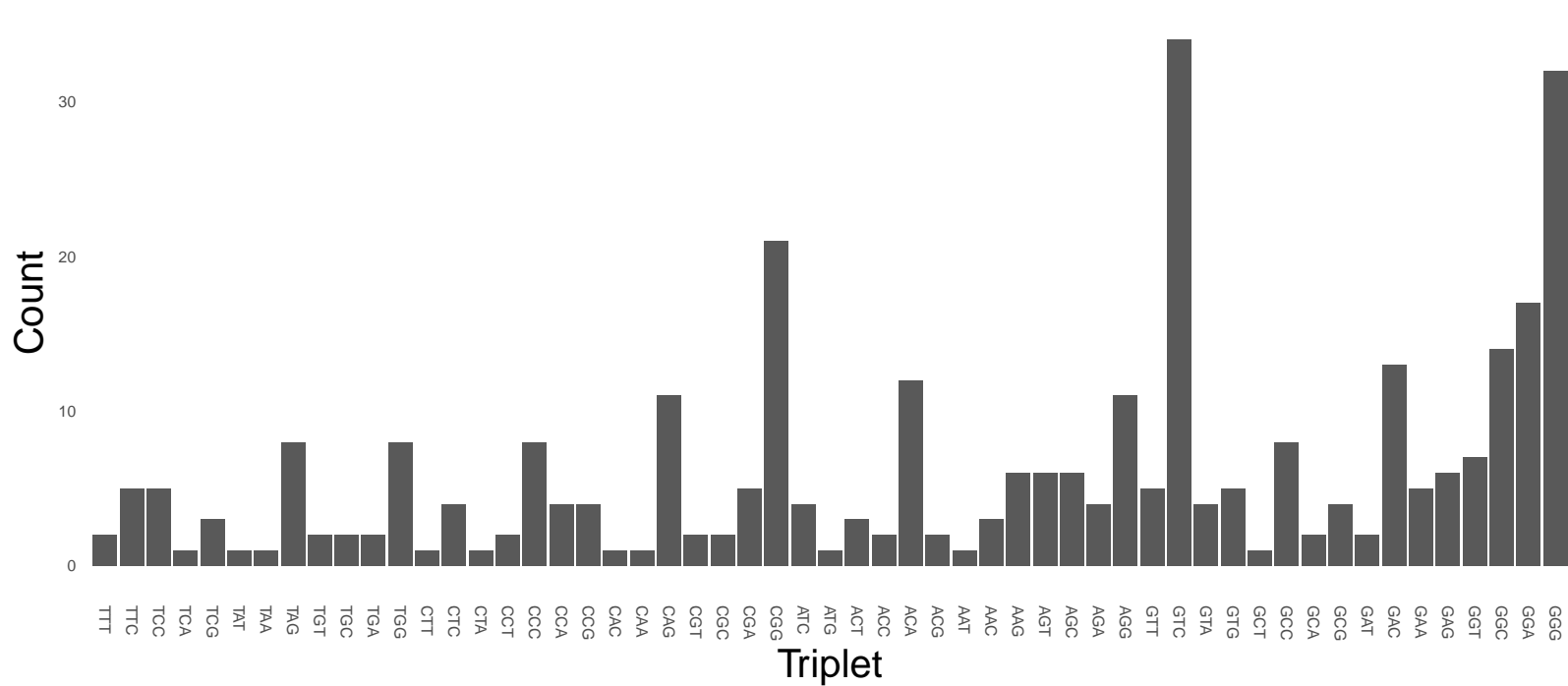
Gene TRBV5-5*02_322TTGG325



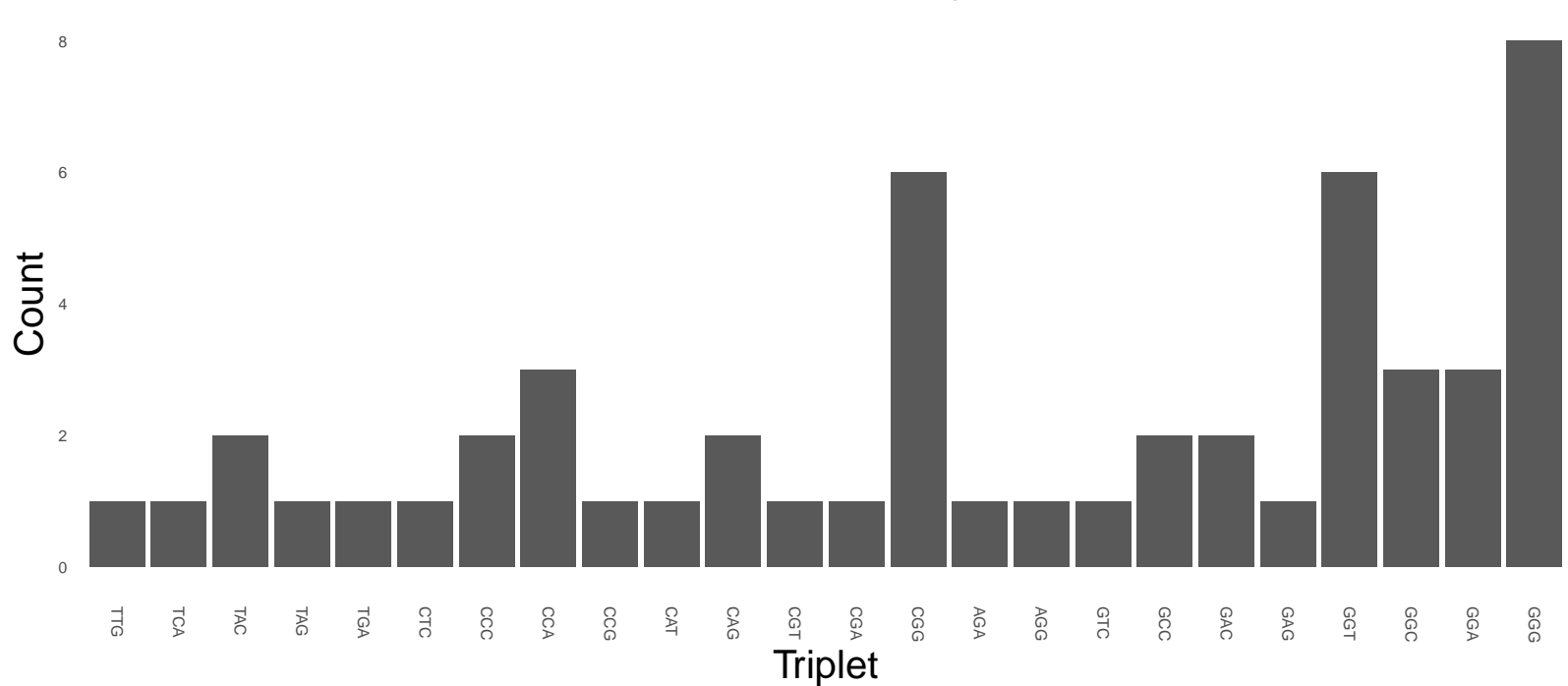
Gene TRBV7-7*01_C315T



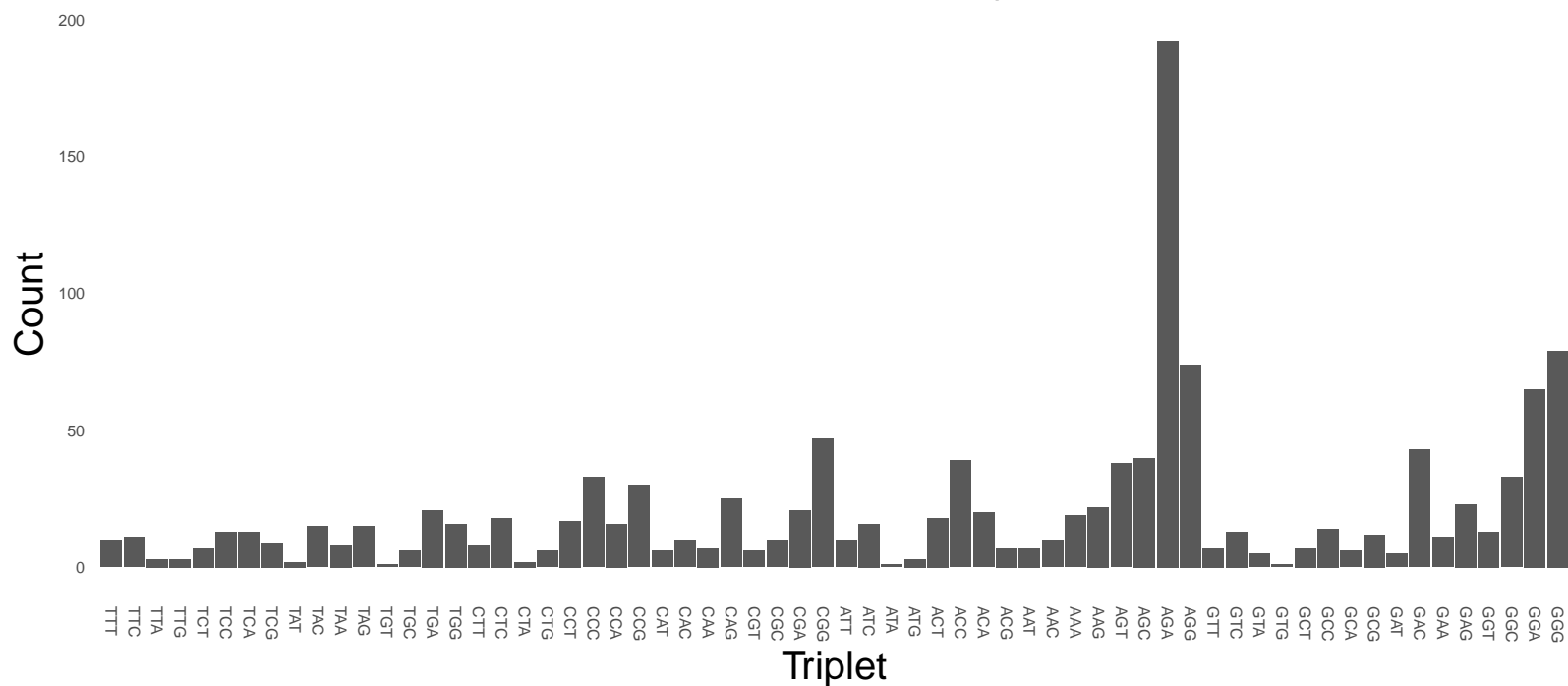
TRBV10–3*03_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



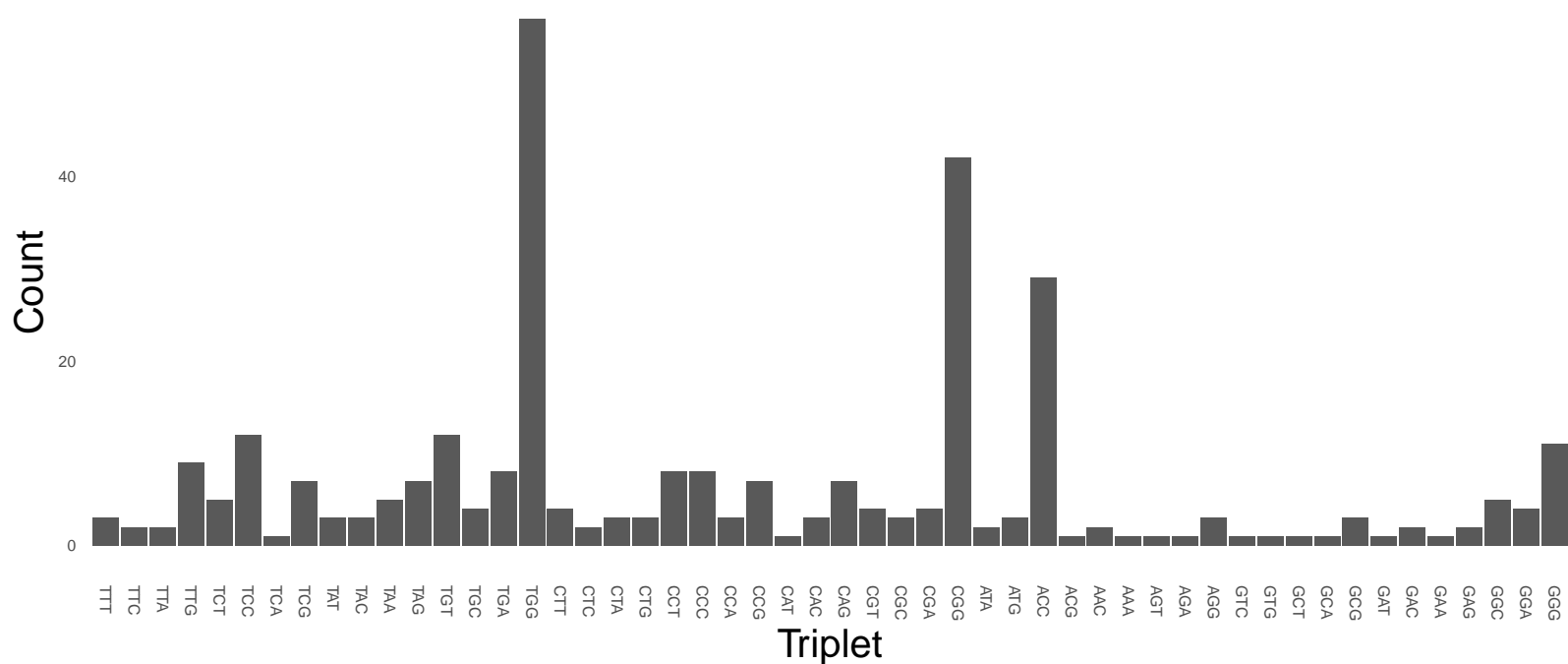
TRBV12–5*01_C28G_T140A– Final 3 nucleotides as a triplet



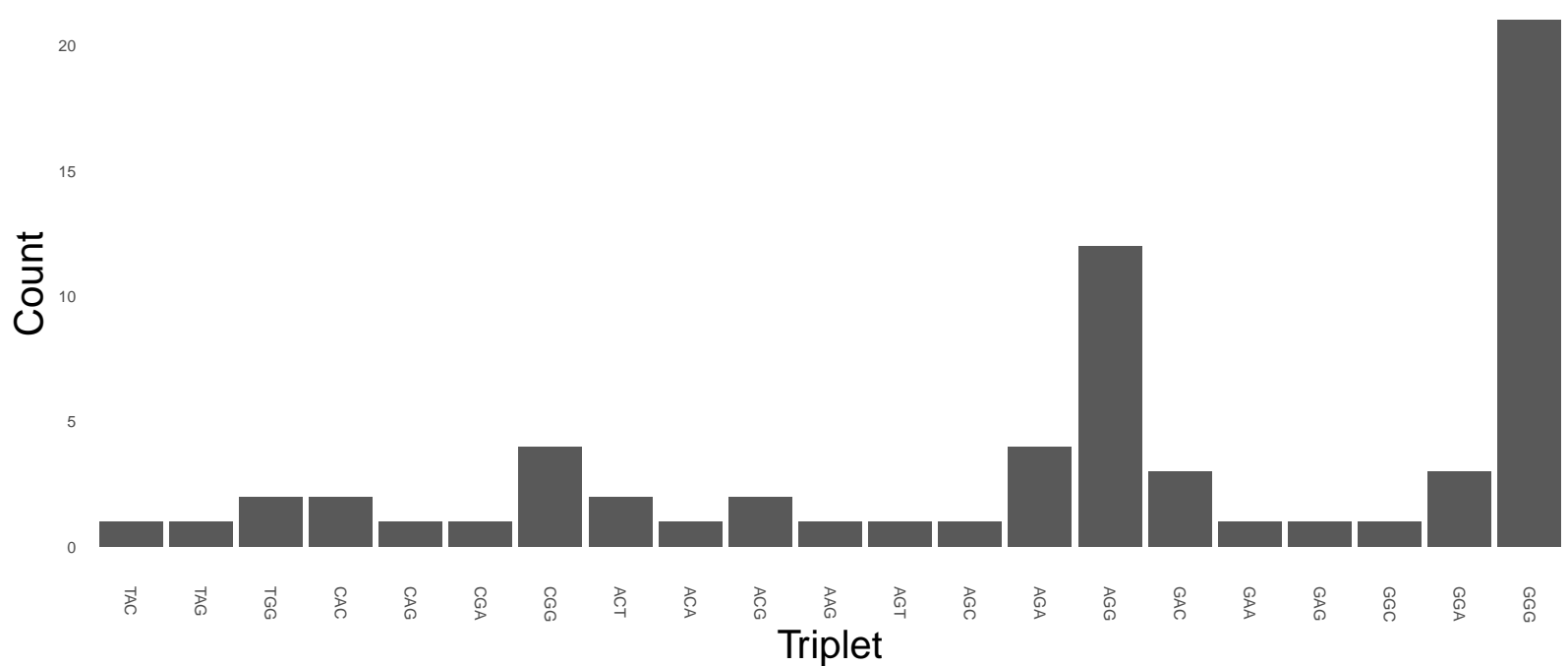
TRBV20–1*02_319AGAGA323– Final 3 nucleotides as a triplet



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

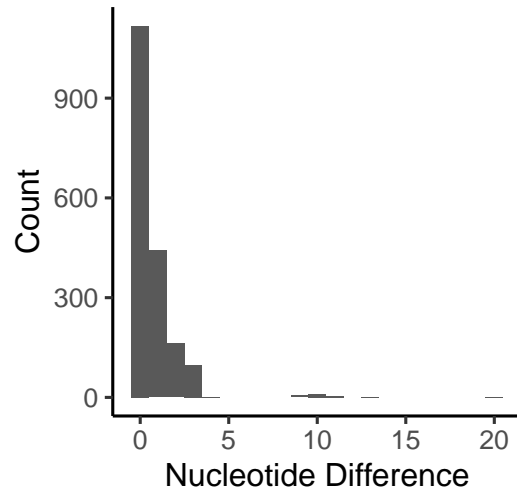


TRBV7-7*01_C315T- Final 3 nucleotides as a triplet



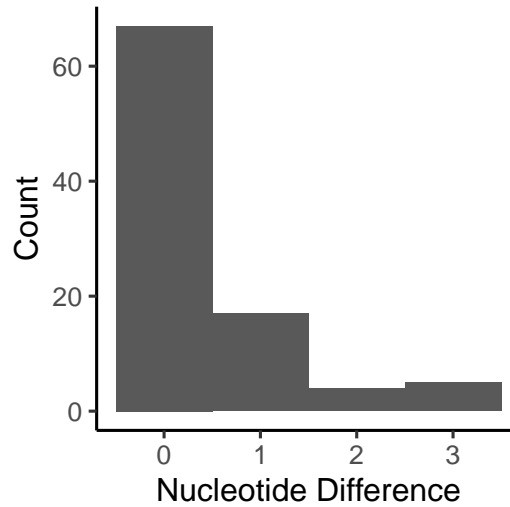
TRBV20-1*01

1845 sequences assigned
1118 (60.6%) exact matches, in which:
1085 unique CDR3
13 unique J



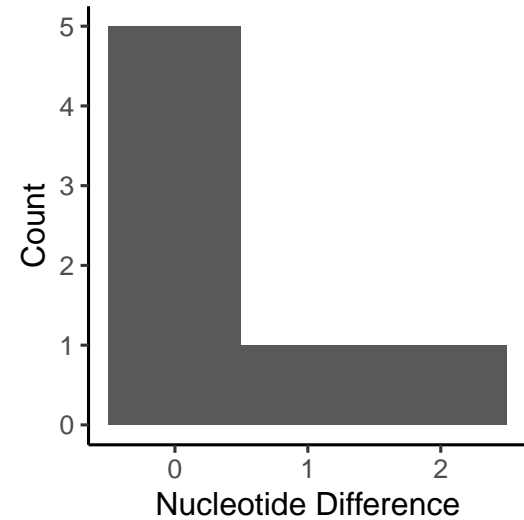
TRBV10-2*01

95 sequences assigned
67 (70.5%) exact matches, in which:
58 unique CDR3
10 unique J



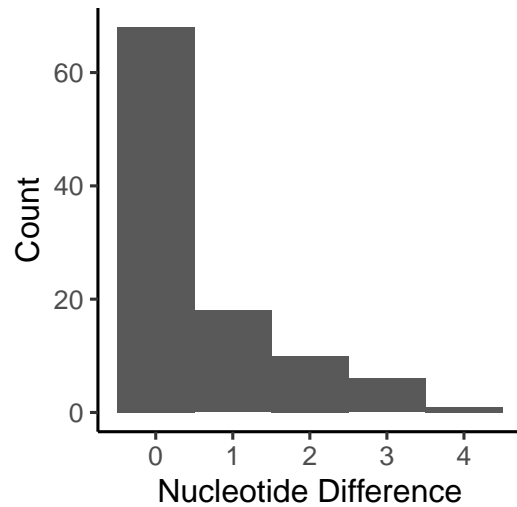
TRBV1*01

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



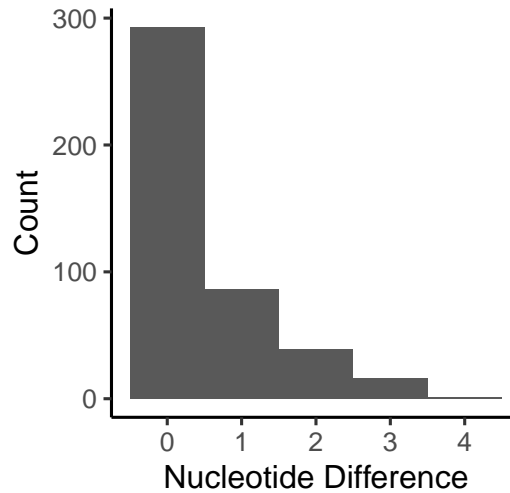
TRBV10-1*01

103 sequences assigned
68 (66%) exact matches, in which:
66 unique CDR3
12 unique J



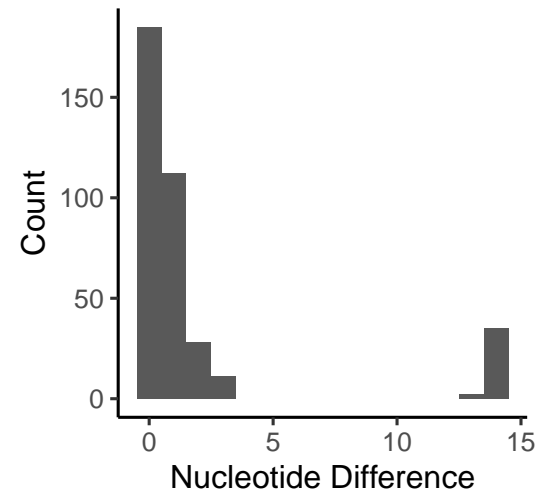
TRBV10-3*01

435 sequences assigned
293 (67.4%) exact matches, in which:
278 unique CDR3
13 unique J



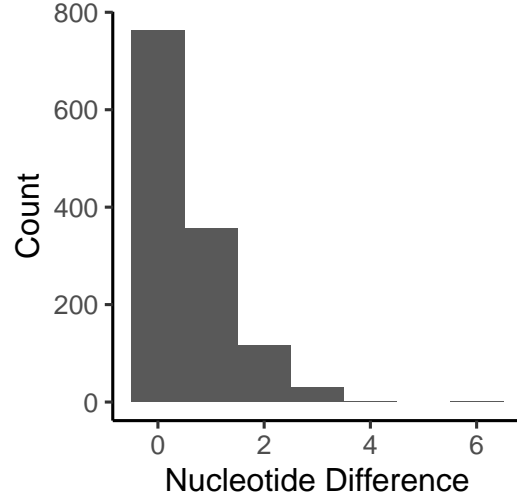
TRBV13*01

373 sequences assigned
185 (49.6%) exact matches, in which:
178 unique CDR3
14 unique J



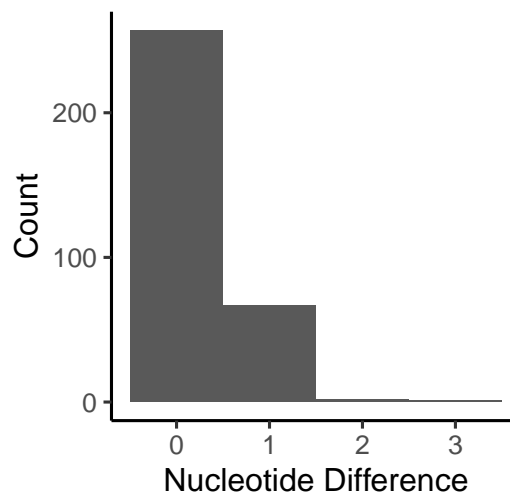
TRBV20-1*02_319AGAG

1268 sequences assigned
763 (60.2%) exact matches, in which:
737 unique CDR3
13 unique J



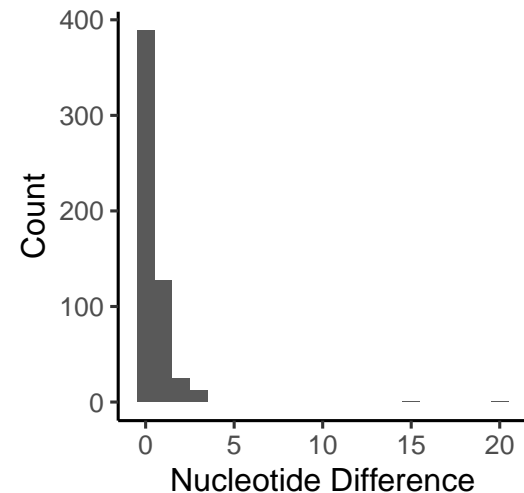
TRBV10-3*03_313GCCA

327 sequences assigned
257 (78.6%) exact matches, in which:
239 unique CDR3
13 unique J



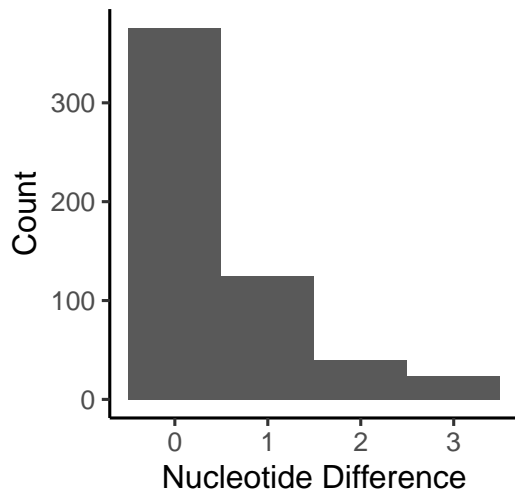
TRBV14*01

557 sequences assigned
389 (69.8%) exact matches, in which:
360 unique CDR3
14 unique J



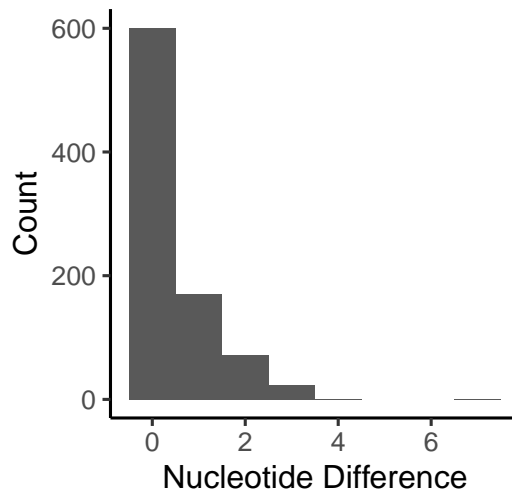
TRBV15*02

566 sequences assigned
376 (66.4%) exact matches, in which:
356 unique CDR3
14 unique J



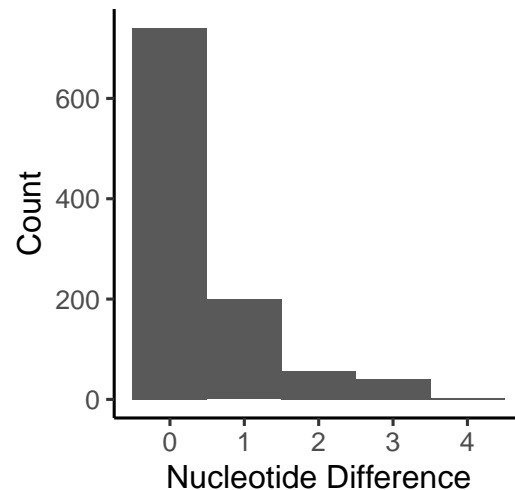
TRBV19*01

870 sequences assigned
601 (69.1%) exact matches, in which:
575 unique CDR3
14 unique J



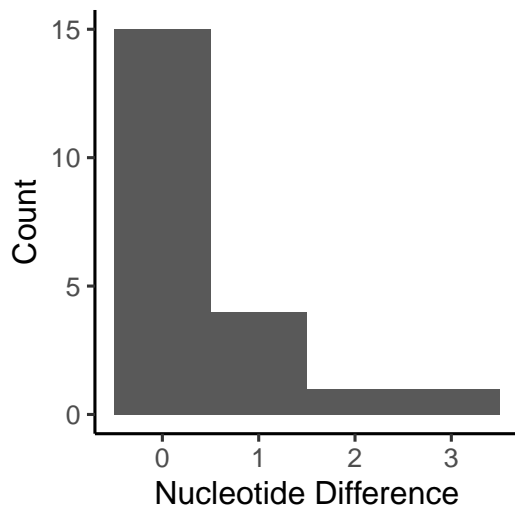
TRBV28*01

1040 sequences assigned
741 (71.2%) exact matches, in which:
699 unique CDR3
14 unique J



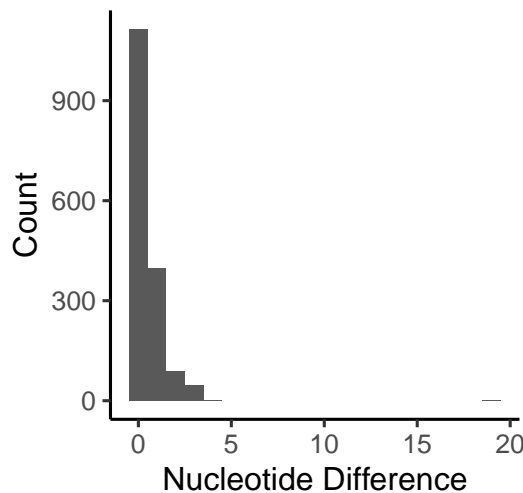
TRBV16*01

21 sequences assigned
15 (71.4%) exact matches, in which:
14 unique CDR3
8 unique J



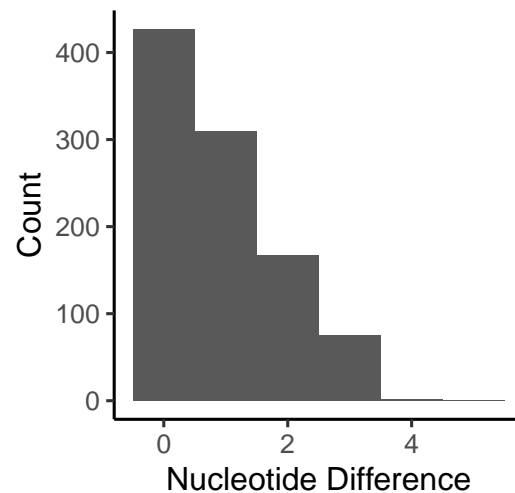
TRBV2*01

1651 sequences assigned
1115 (67.5%) exact matches, in which:
1045 unique CDR3
14 unique J



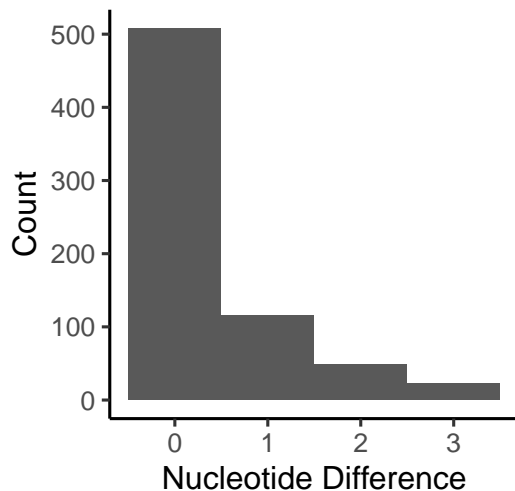
TRBV30*01

983 sequences assigned
427 (43.4%) exact matches, in which:
372 unique CDR3
14 unique J



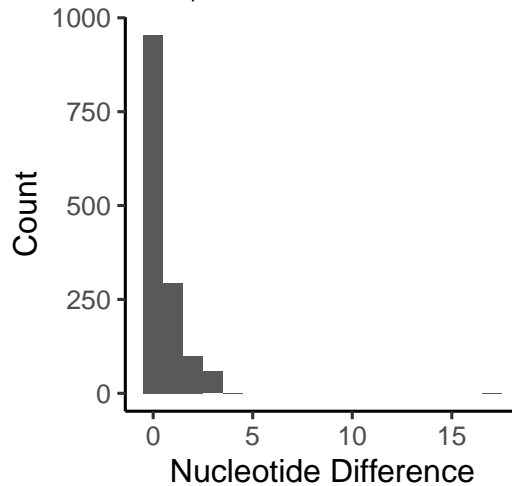
TRBV18*01

696 sequences assigned
508 (73%) exact matches, in which:
475 unique CDR3
14 unique J



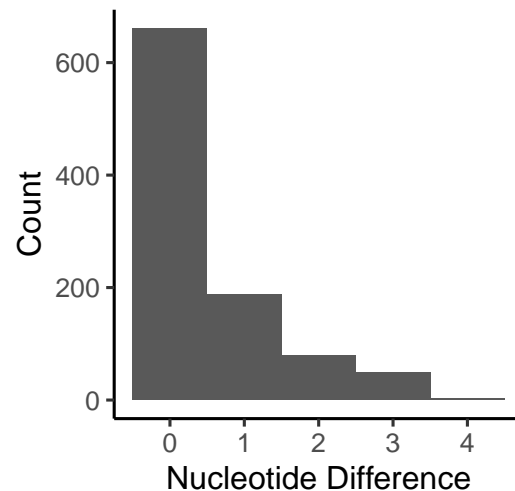
TRBV27*01

1408 sequences assigned
954 (67.8%) exact matches, in which:
882 unique CDR3
14 unique J



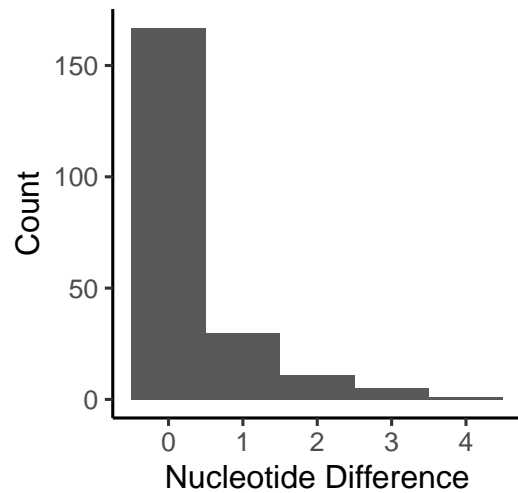
TRBV9*01

983 sequences assigned
661 (67.2%) exact matches, in which:
622 unique CDR3
14 unique J



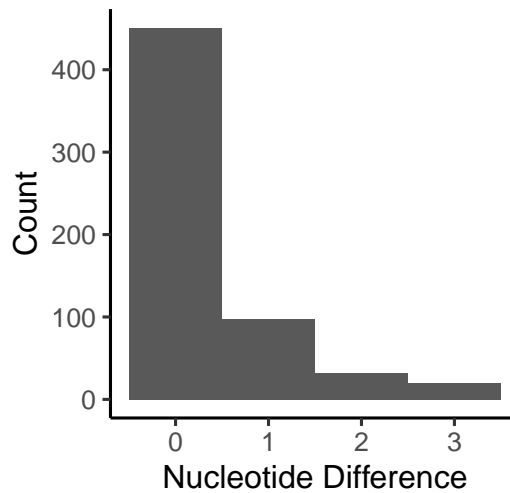
TRBV21-1*01

214 sequences assigned
167 (78%) exact matches, in which:
162 unique CDR3
13 unique J



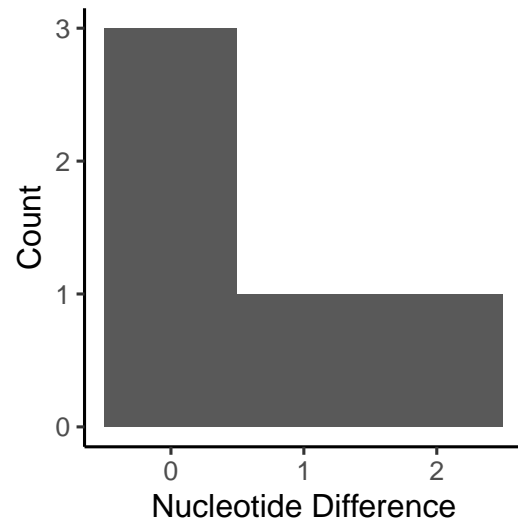
TRBV11-2*01

601 sequences assigned
451 (75%) exact matches, in which:
426 unique CDR3
14 unique J



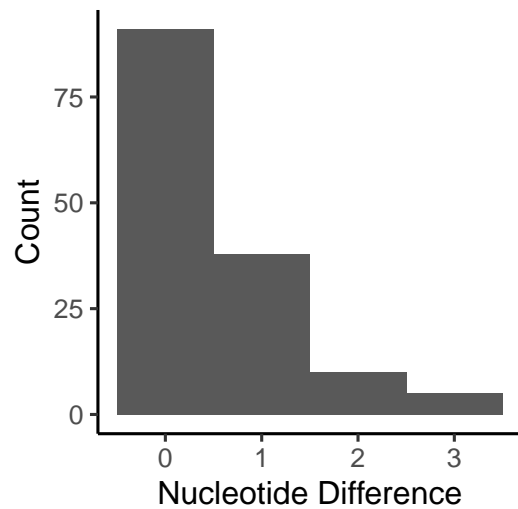
TRBV12-1*01

5 sequences assigned
3 (60%) exact matches, in which:
3 unique CDR3
3 unique J



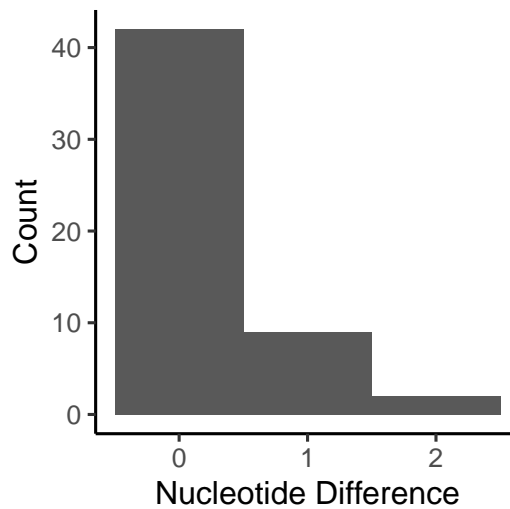
TRBV11-1*01

144 sequences assigned
91 (63.2%) exact matches, in which:
90 unique CDR3
10 unique J



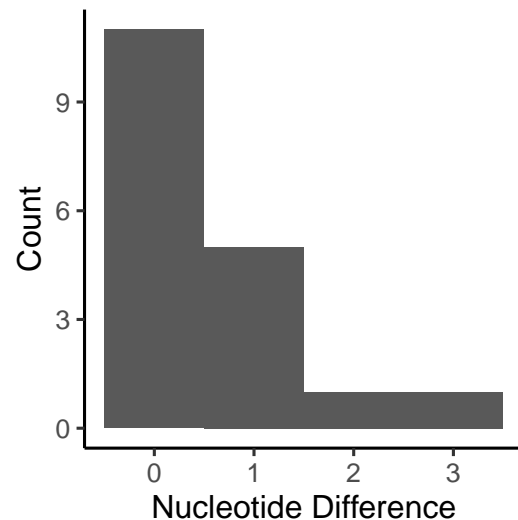
TRBV11-3*01

53 sequences assigned
42 (79.2%) exact matches, in which:
39 unique CDR3
10 unique J



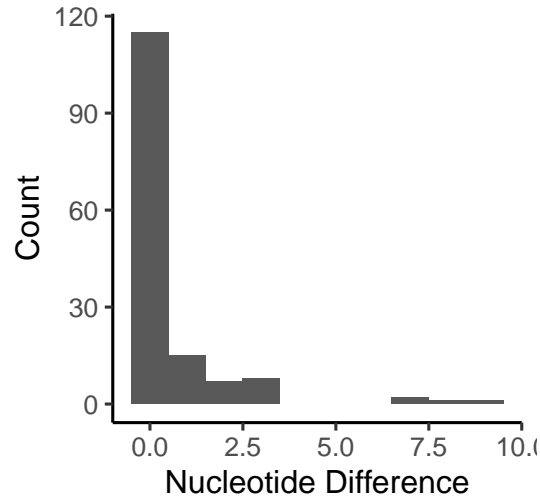
TRBV12-2*01

18 sequences assigned
11 (61.1%) exact matches, in which:
11 unique CDR3
6 unique J



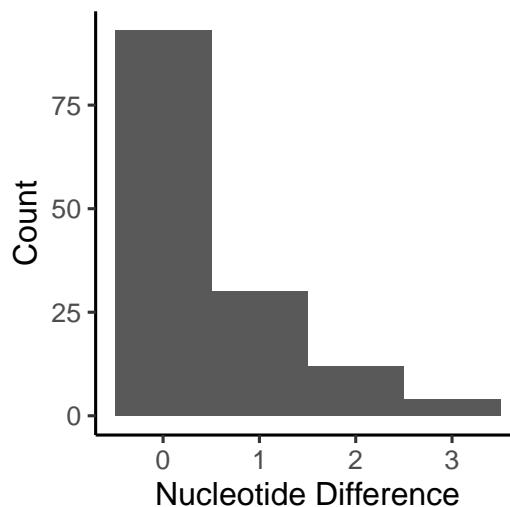
TRBV21-1*02

149 sequences assigned
115 (77.2%) exact matches, in which:
114 unique CDR3
13 unique J



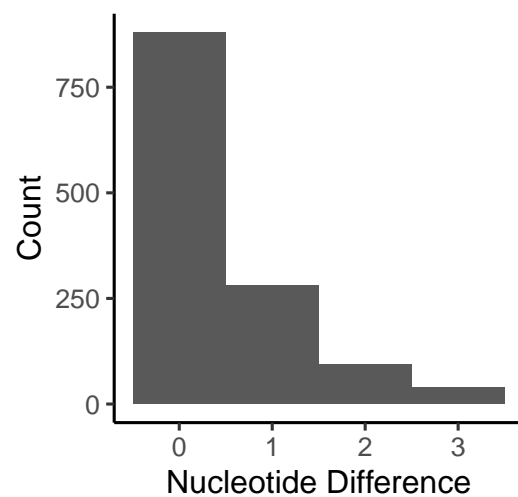
TRBV11-3*04

139 sequences assigned
93 (66.9%) exact matches, in which:
91 unique CDR3
13 unique J



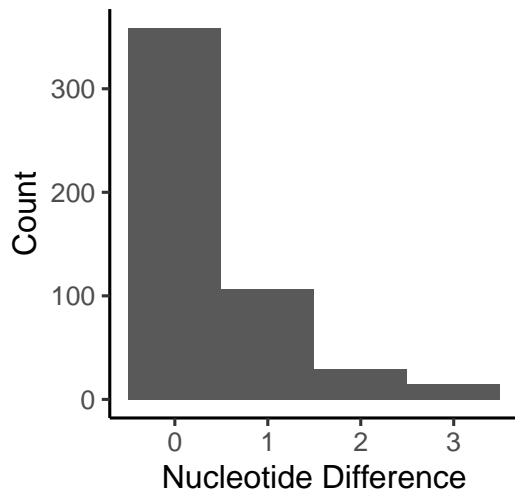
TRBV12-3*01

1294 sequences assigned
880 (68%) exact matches, in which:
848 unique CDR3
14 unique J



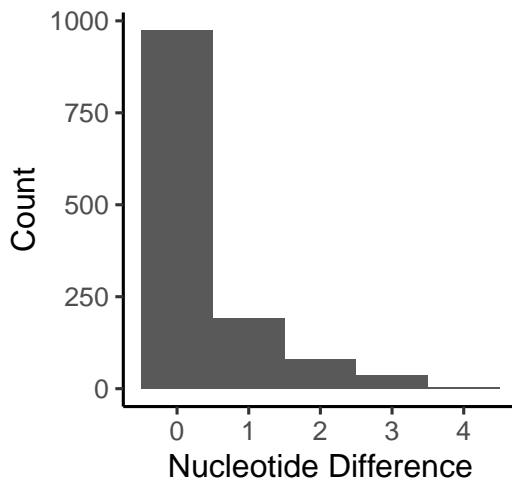
TRBV12-4*01

510 sequences assigned
359 (70.4%) exact matches, in which:
344 unique CDR3
14 unique J



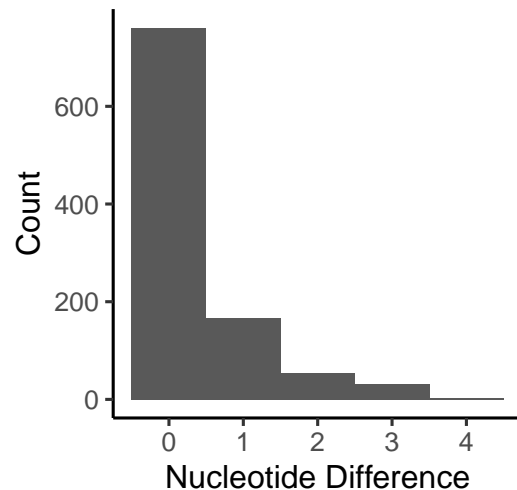
TRBV3-1*01

1285 sequences assigned
974 (75.8%) exact matches, in which:
933 unique CDR3
14 unique J



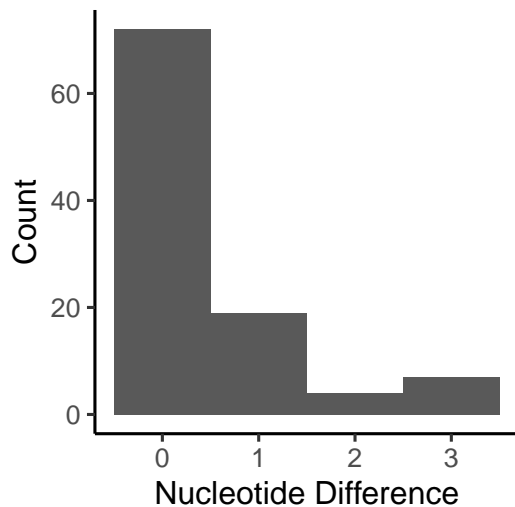
TRBV4-1*01

1015 sequences assigned
761 (75%) exact matches, in which:
734 unique CDR3
14 unique J



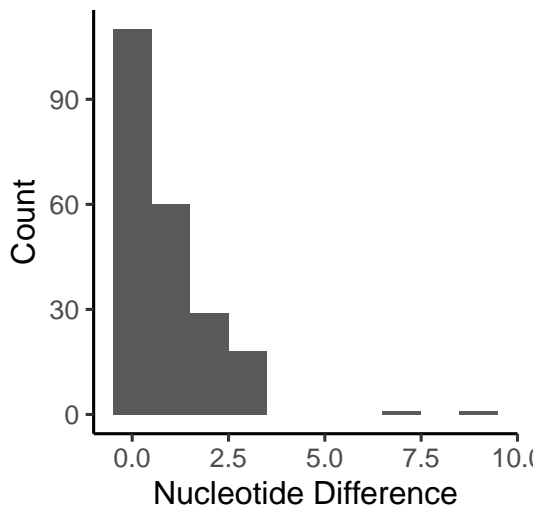
TRBV12-5*01

102 sequences assigned
72 (70.6%) exact matches, in which:
72 unique CDR3
13 unique J



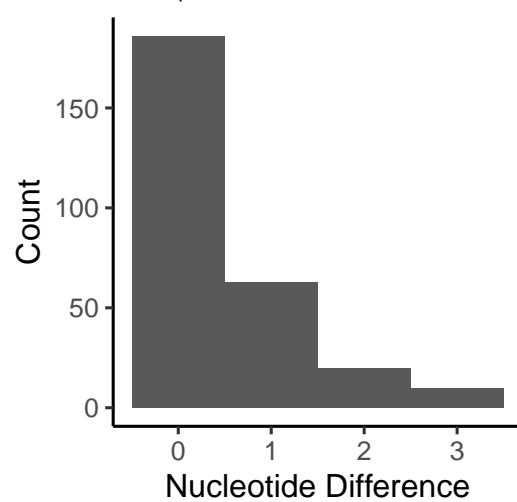
TRBV23-1*01

219 sequences assigned
110 (50.2%) exact matches, in which:
105 unique CDR3
13 unique J



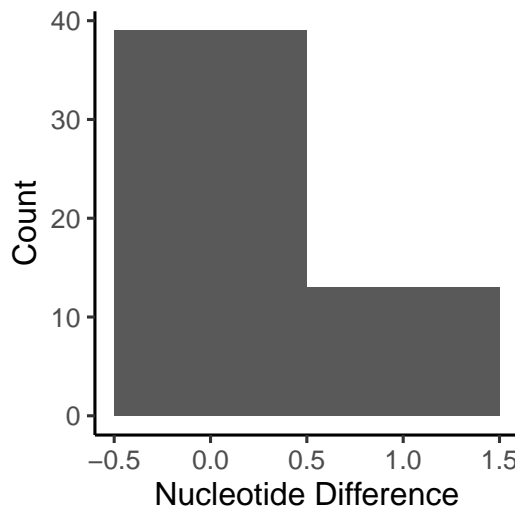
TRBV24-1*01

279 sequences assigned
186 (66.7%) exact matches, in which:
181 unique CDR3
12 unique J



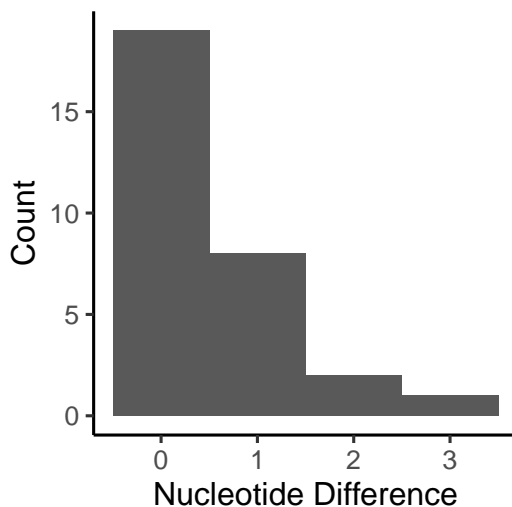
TRBV12-5*01_C28G_T14

52 sequences assigned
39 (75%) exact matches, in which:
39 unique CDR3
9 unique J



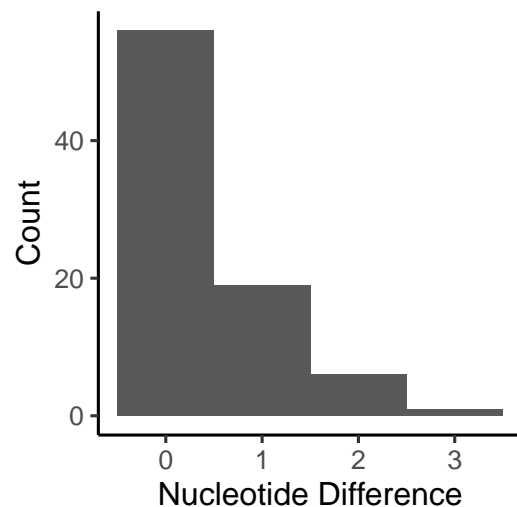
TRBV3-2*02

30 sequences assigned
19 (63.3%) exact matches, in which:
19 unique CDR3
7 unique J



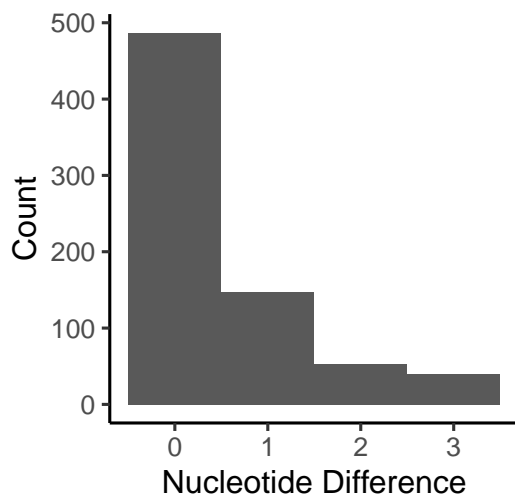
TRBV24-1*02

82 sequences assigned
56 (68.3%) exact matches, in which:
55 unique CDR3
12 unique J



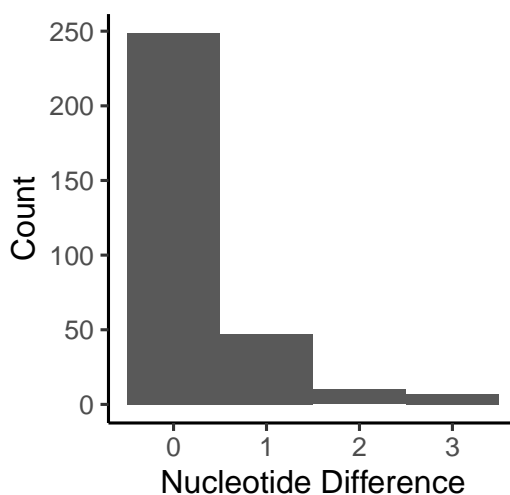
TRBV4-2*01

727 sequences assigned
487 (67%) exact matches, in which:
450 unique CDR3
14 unique J



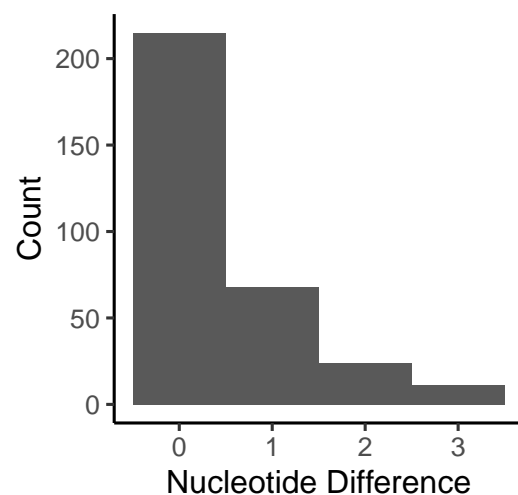
TRBV25-1*01

313 sequences assigned
249 (79.6%) exact matches, in which:
238 unique CDR3
14 unique J



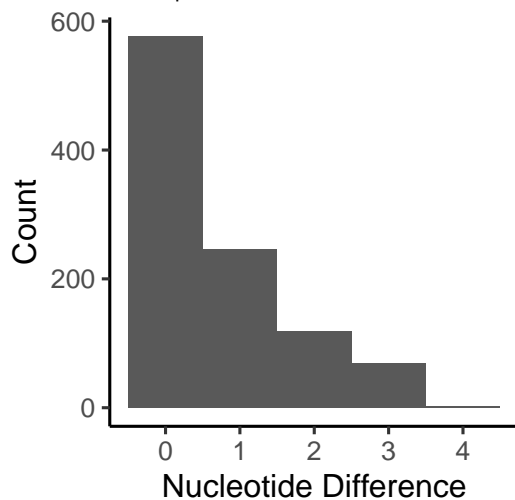
TRBV5-5*02_322TTGG3

318 sequences assigned
215 (67.6%) exact matches, in which:
198 unique CDR3
14 unique J



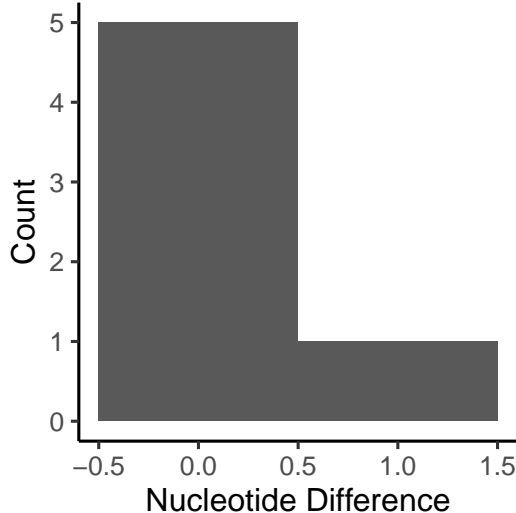
TRBV4-3*01

1013 sequences assigned
577 (57%) exact matches, in which:
476 unique CDR3
13 unique J



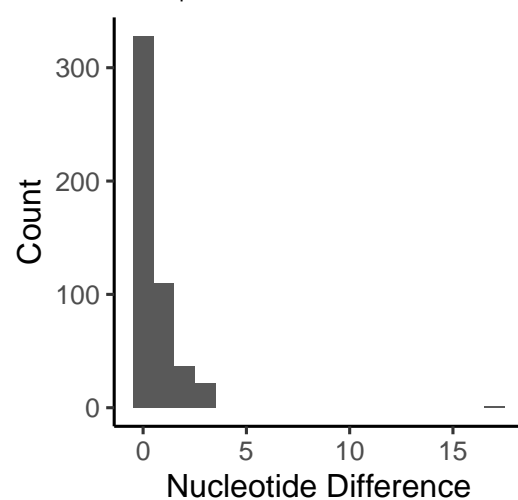
TRBV5-3*01

6 sequences assigned
5 (83.3%) exact matches, in which:
5 unique CDR3
3 unique J



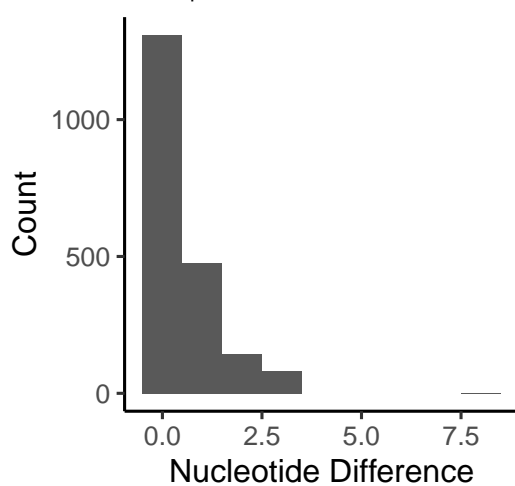
TRBV5-6*01

498 sequences assigned
328 (65.9%) exact matches, in which:
311 unique CDR3
14 unique J



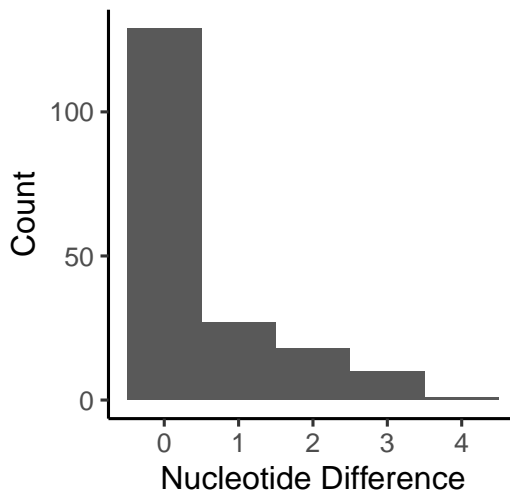
TRBV5-1*01

2012 sequences assigned
1309 (65.1%) exact matches, in which:
1256 unique CDR3
14 unique J



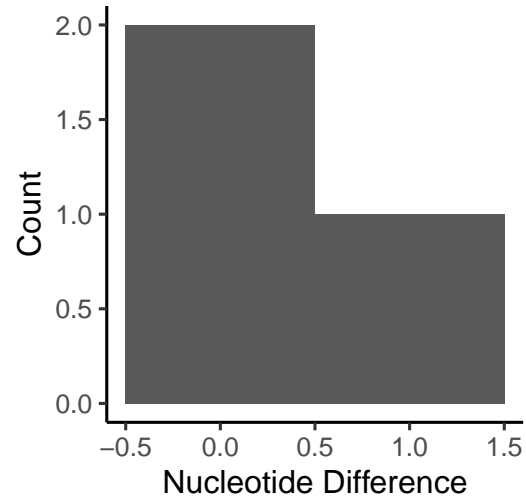
TRBV5-4*01

185 sequences assigned
129 (69.7%) exact matches, in which:
124 unique CDR3
13 unique J



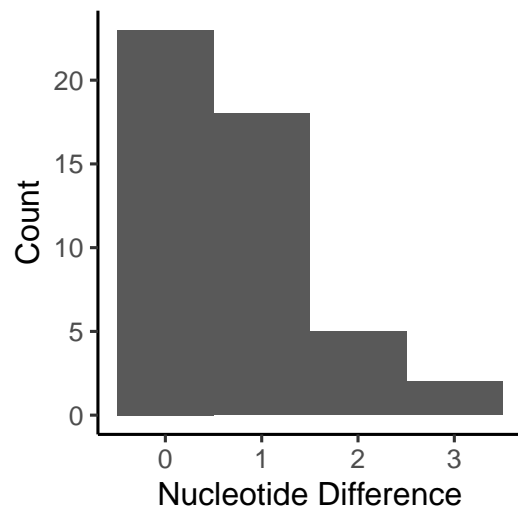
TRBV5-7*01

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



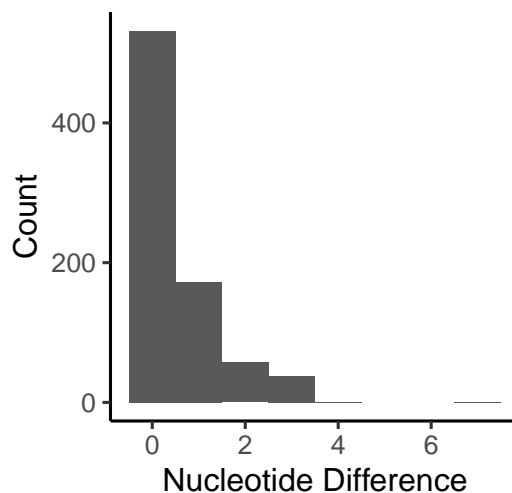
TRBV5-8*01

48 sequences assigned
23 (47.9%) exact matches, in which:
22 unique CDR3
11 unique J



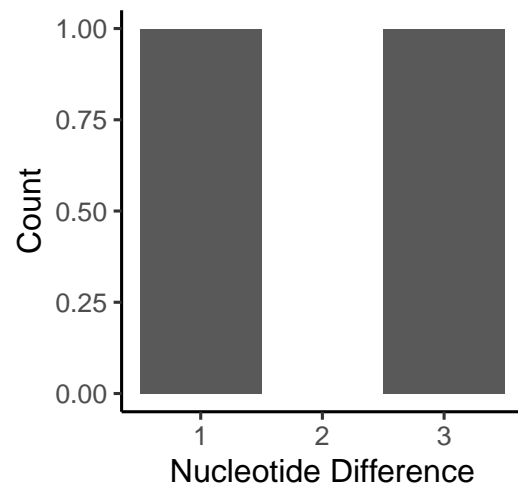
TRBV6-5*01

802 sequences assigned
532 (66.3%) exact matches, in which:
507 unique CDR3
14 unique J



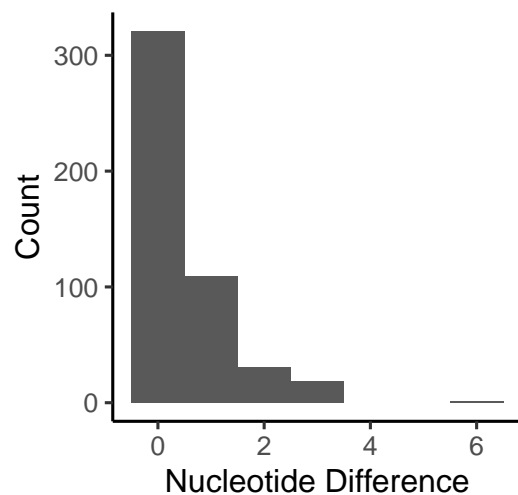
TRBV6-8*01

2 sequences assigned
No exact matches.



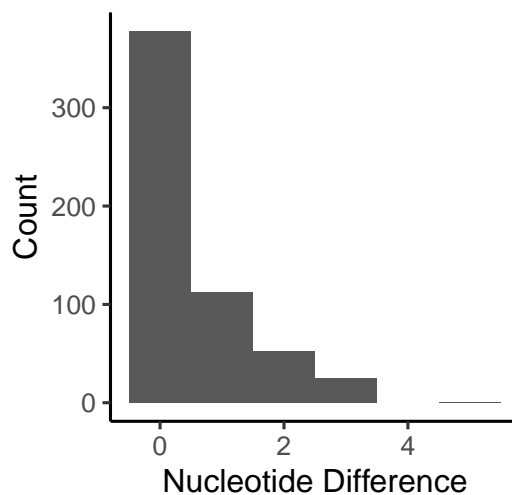
TRBV6-1*01

484 sequences assigned
321 (66.3%) exact matches, in which:
308 unique CDR3
14 unique J



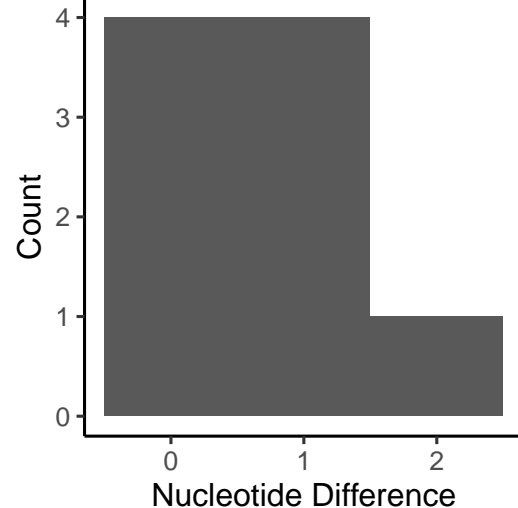
TRBV6-6*01

568 sequences assigned
378 (66.5%) exact matches, in which:
338 unique CDR3
14 unique J



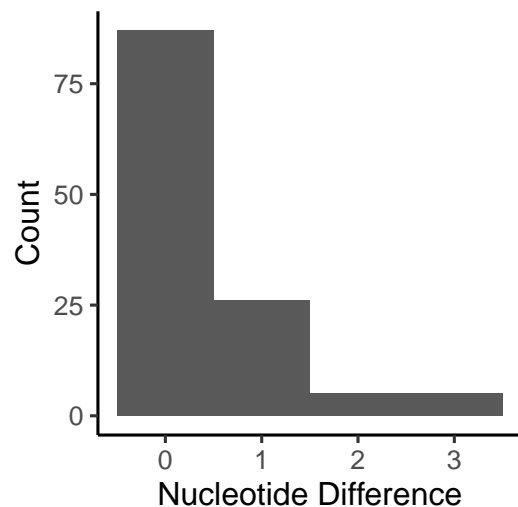
TRBV6-9*01

9 sequences assigned
4 (44.4%) exact matches, in which:
4 unique CDR3
3 unique J



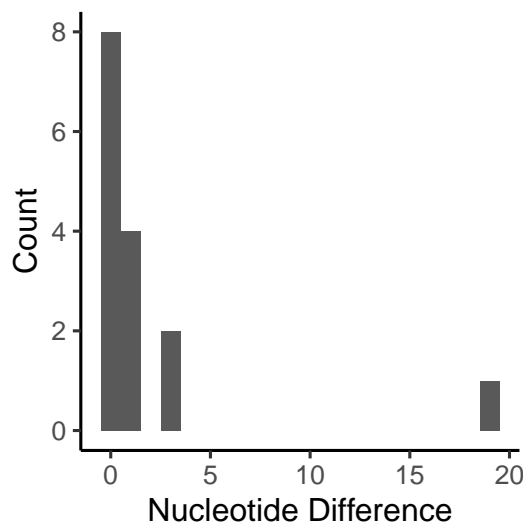
TRBV6-4*01

123 sequences assigned
87 (70.7%) exact matches, in which:
82 unique CDR3
11 unique J



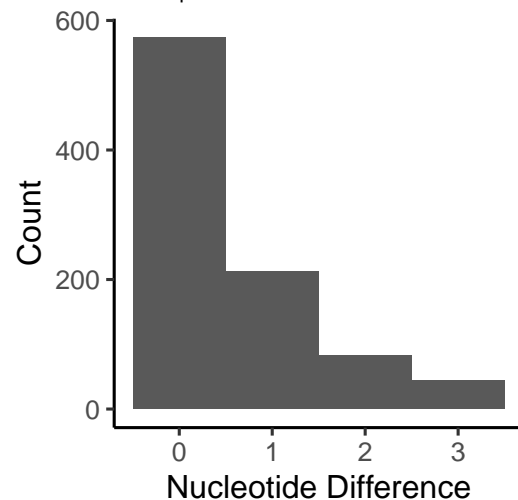
TRBV6-7*01

15 sequences assigned
8 (53.3%) exact matches, in which:
8 unique CDR3
7 unique J



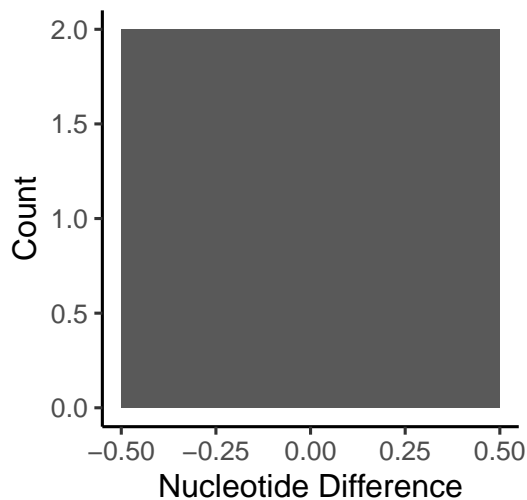
TRBV6-23*01

913 sequences assigned
574 (62.9%) exact matches, in which:
546 unique CDR3
14 unique J



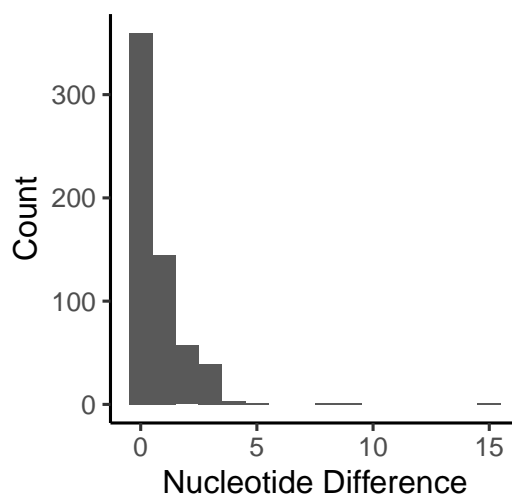
TRBV7-1*01

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



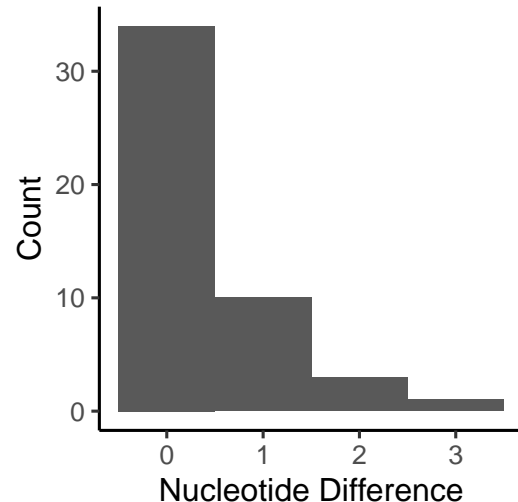
TRBV7-3*01

608 sequences assigned
360 (59.2%) exact matches, in which:
327 unique CDR3
14 unique J



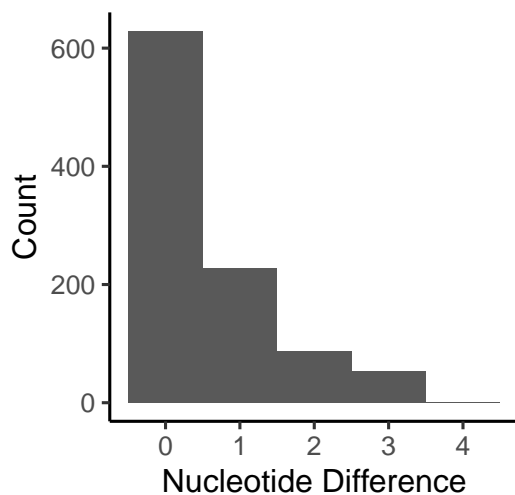
TRBV7-7*01

48 sequences assigned
34 (70.8%) exact matches, in which:
33 unique CDR3
8 unique J



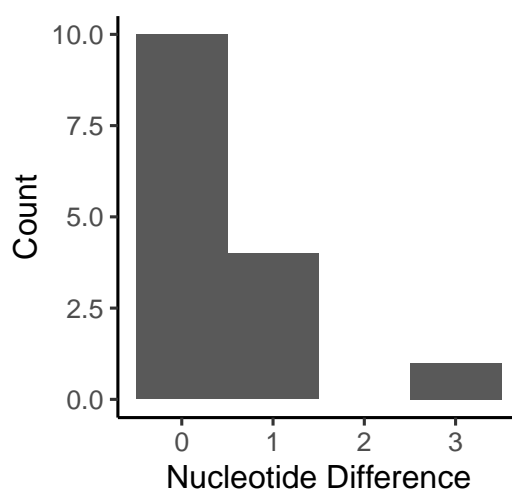
TRBV7-2*01

999 sequences assigned
629 (63%) exact matches, in which:
599 unique CDR3
14 unique J



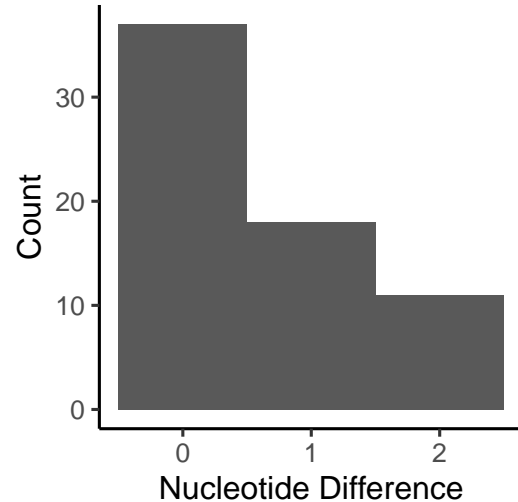
TRBV7-4*01

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



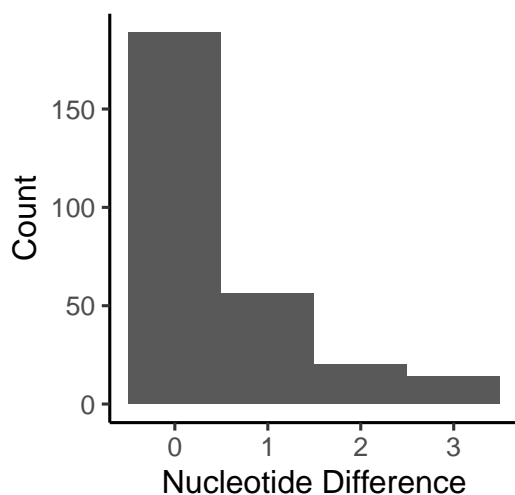
TRBV7-7*01_C315T

66 sequences assigned
37 (56.1%) exact matches, in which:
33 unique CDR3
10 unique J



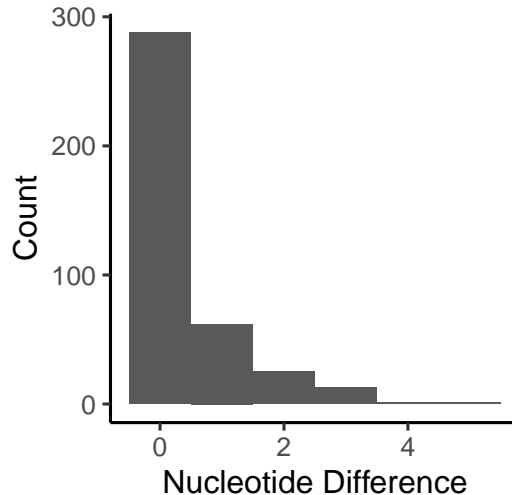
TRBV7-2*02

279 sequences assigned
189 (67.7%) exact matches, in which:
183 unique CDR3
13 unique J



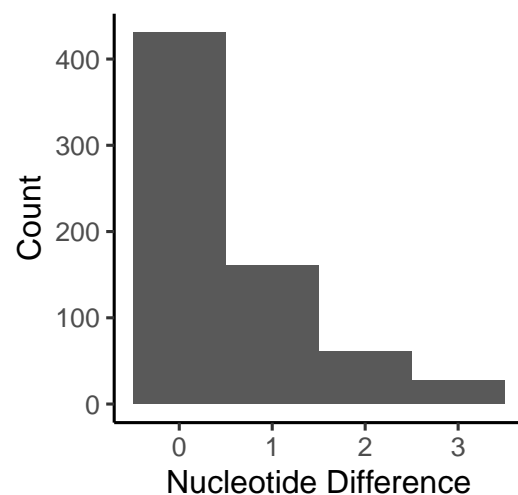
TRBV7-6*01

390 sequences assigned
288 (73.8%) exact matches, in which:
282 unique CDR3
14 unique J



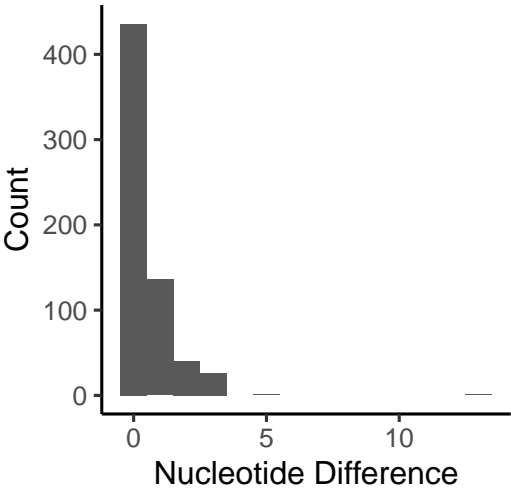
TRBV7-8*01

680 sequences assigned
431 (63.4%) exact matches, in which:
393 unique CDR3
14 unique J



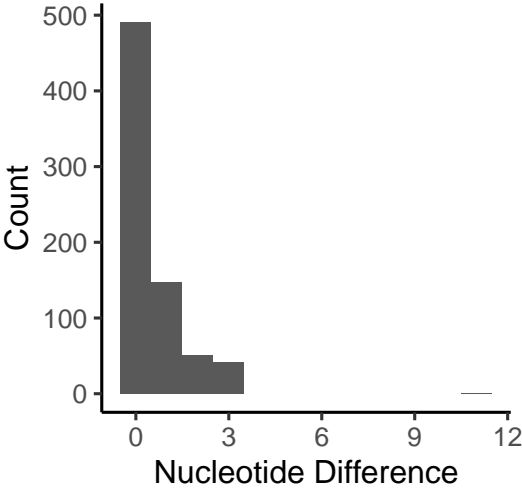
TRBV7-9*01

640 sequences assigned
436 (68.1%) exact matches, in which:
423 unique CDR3
13 unique J



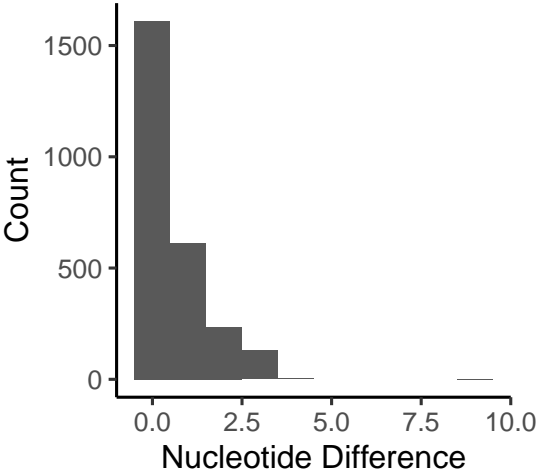
TRBV7-9*03

731 sequences assigned
491 (67.2%) exact matches, in which:
478 unique CDR3
13 unique J

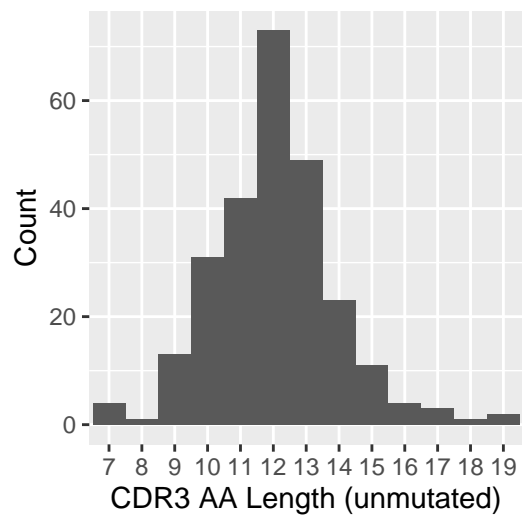


TRBV29-1*01

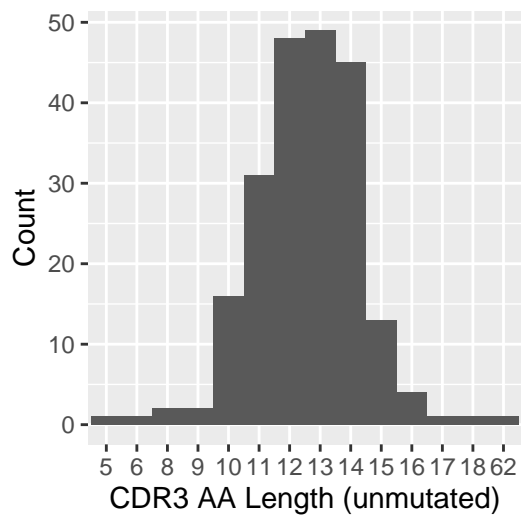
2590 sequences assigned
1610 (62.2%) exact matches, in which:
1516 unique CDR3
14 unique J



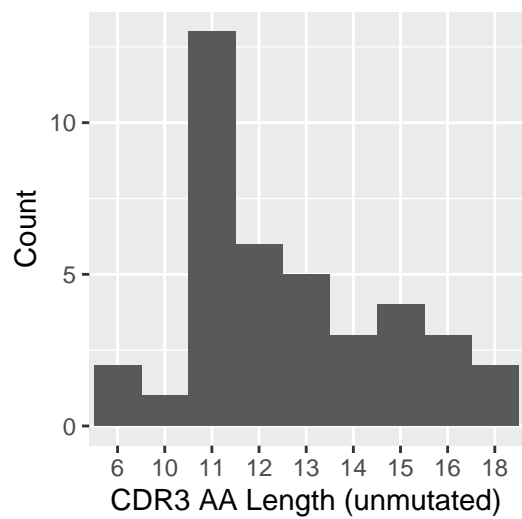
TRBV10-3*03_313GCCATC,



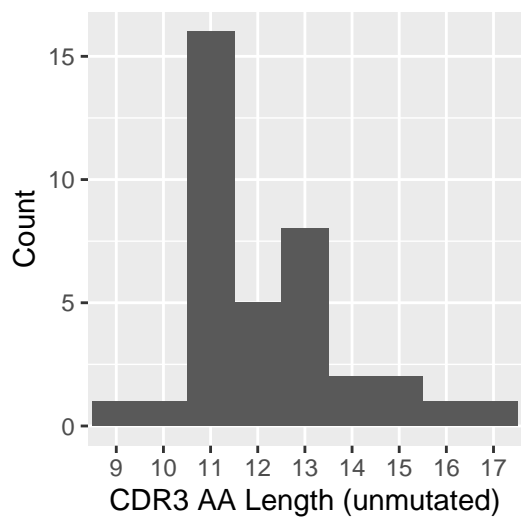
TRBV5-5*02_322TTGG325



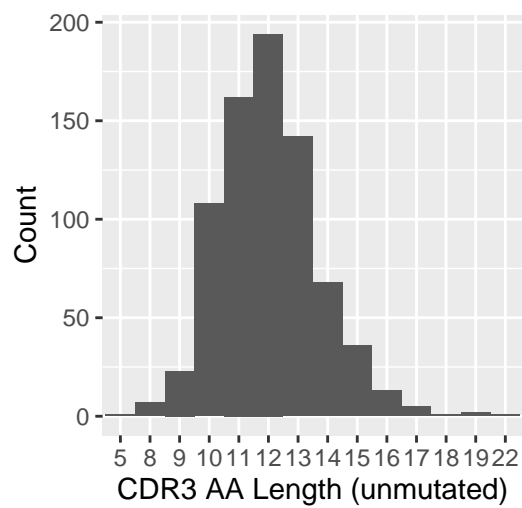
TRBV12-5*01_C28G_T140A

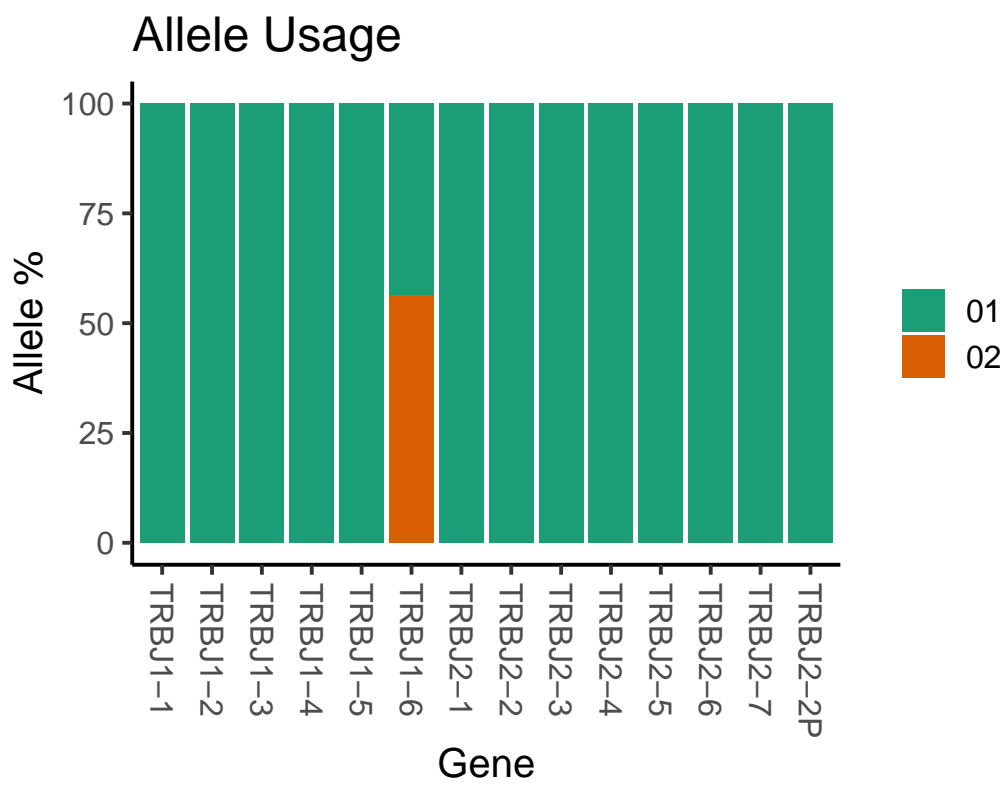


TRBV7-7*01_C315T



TRBV20-1*02_319AGAGA323





Sequence Count by TRBJ1–6 allele usage

