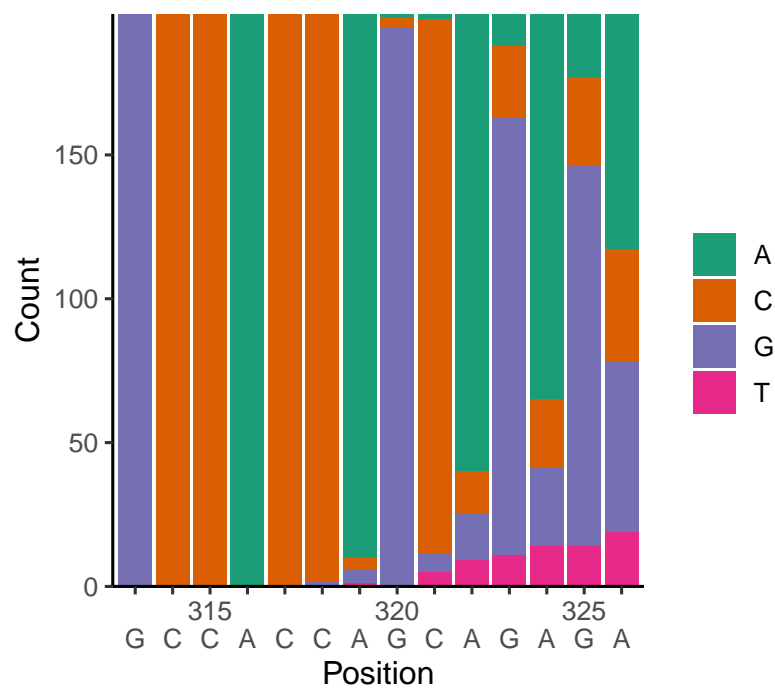
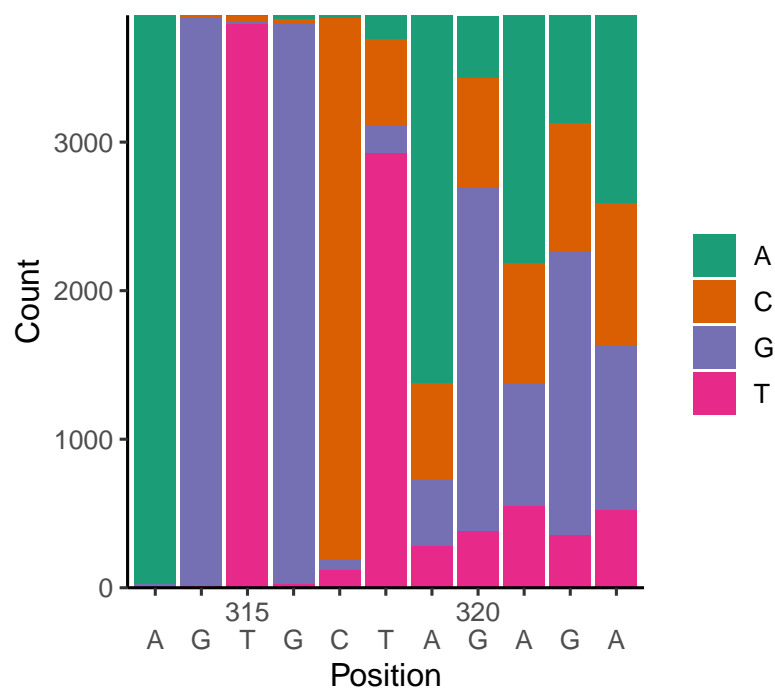


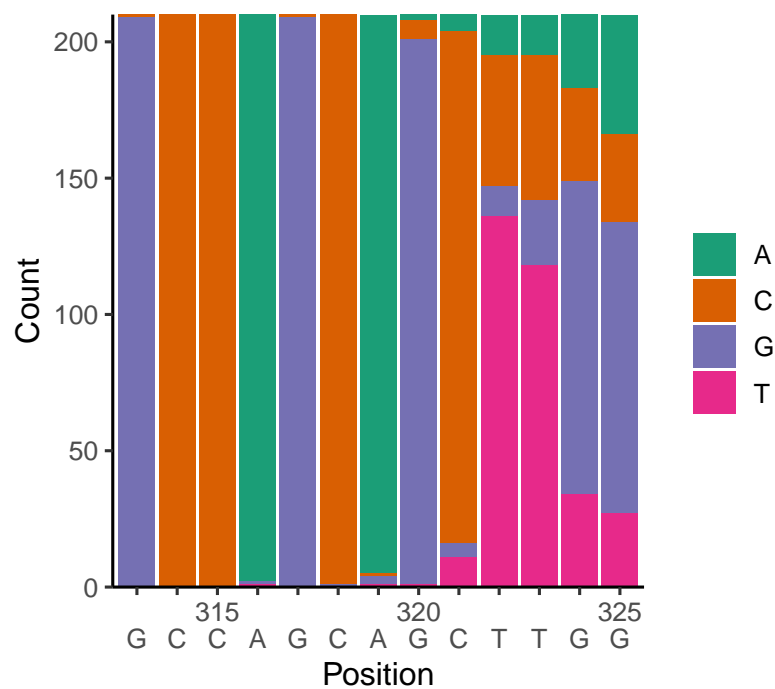
Gene TRBV15*02_G275A



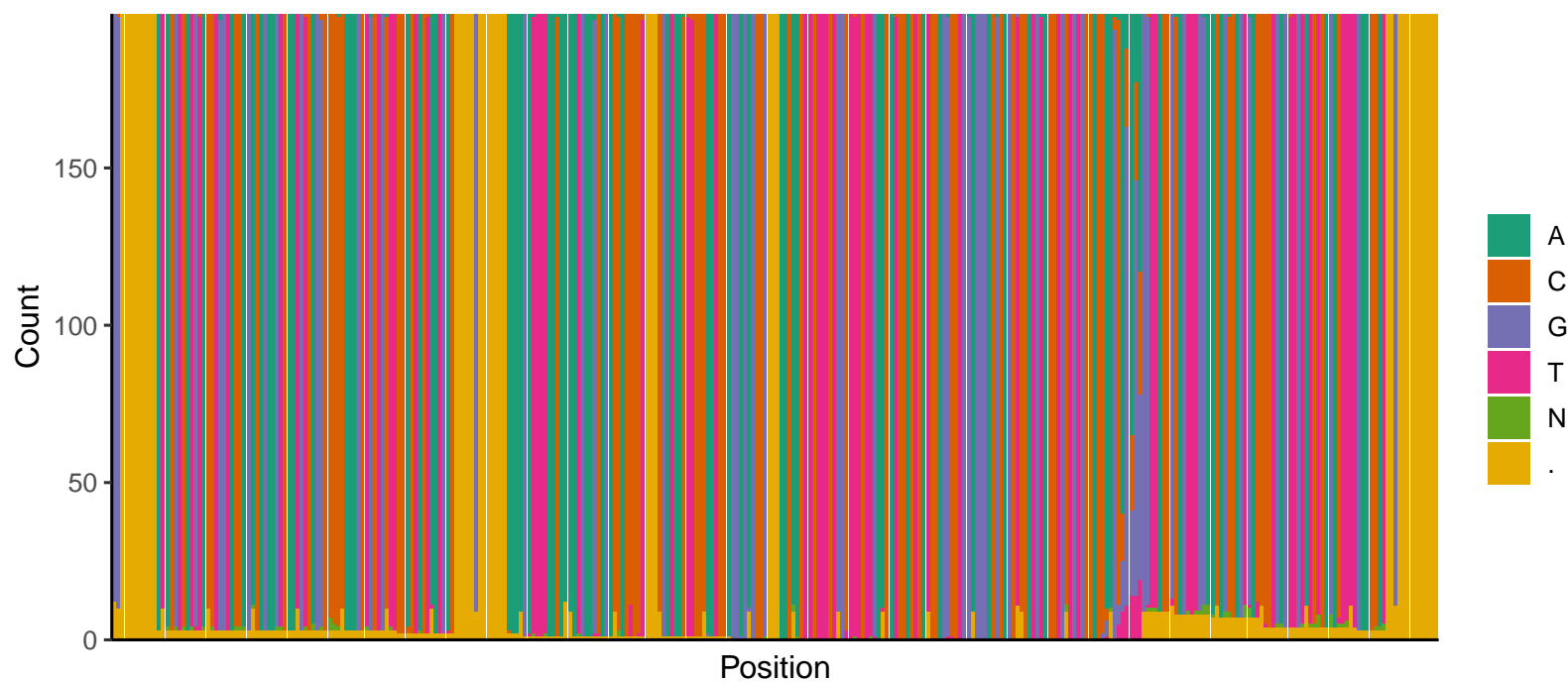
Gene TRBV20-1*02_319AGAGA323



Gene TRBV5-5*02_322TTGG325



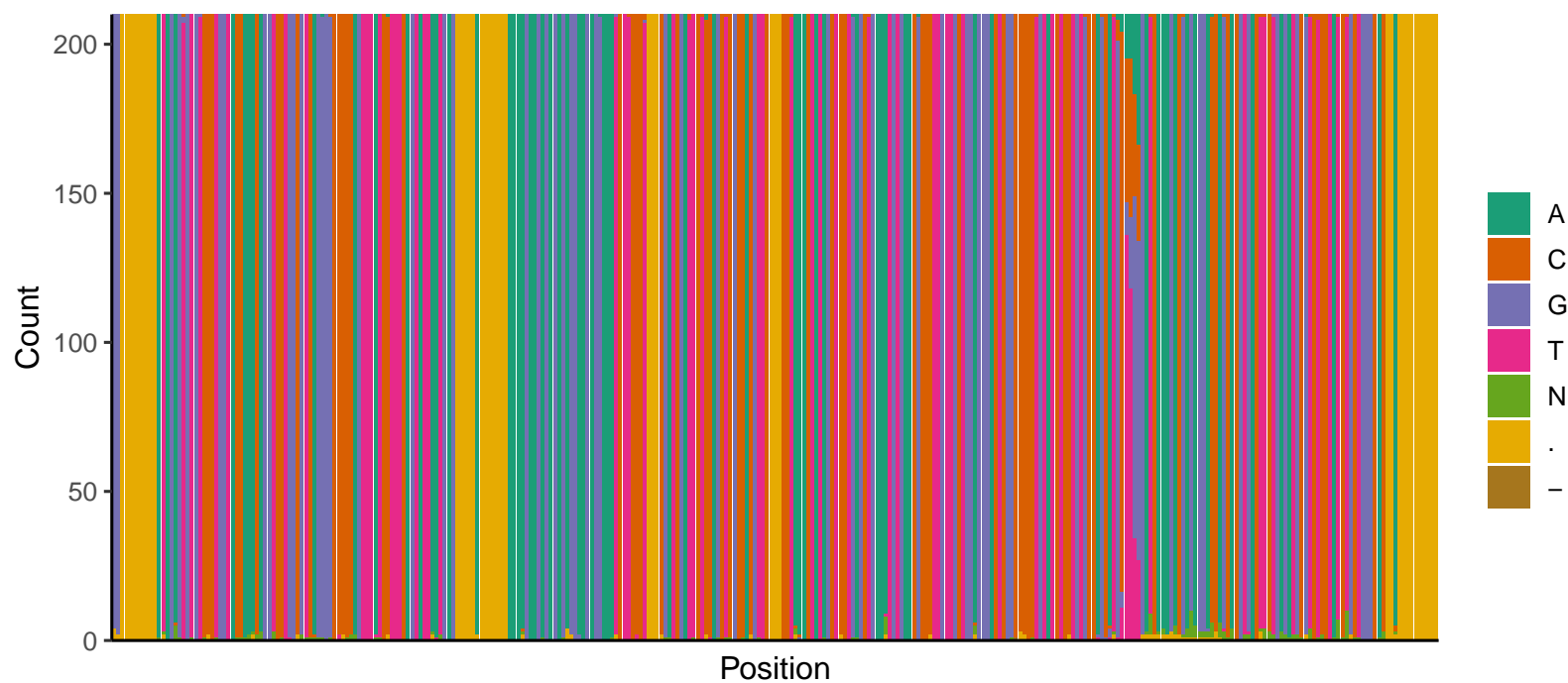
Gene TRBV15*02_G275A



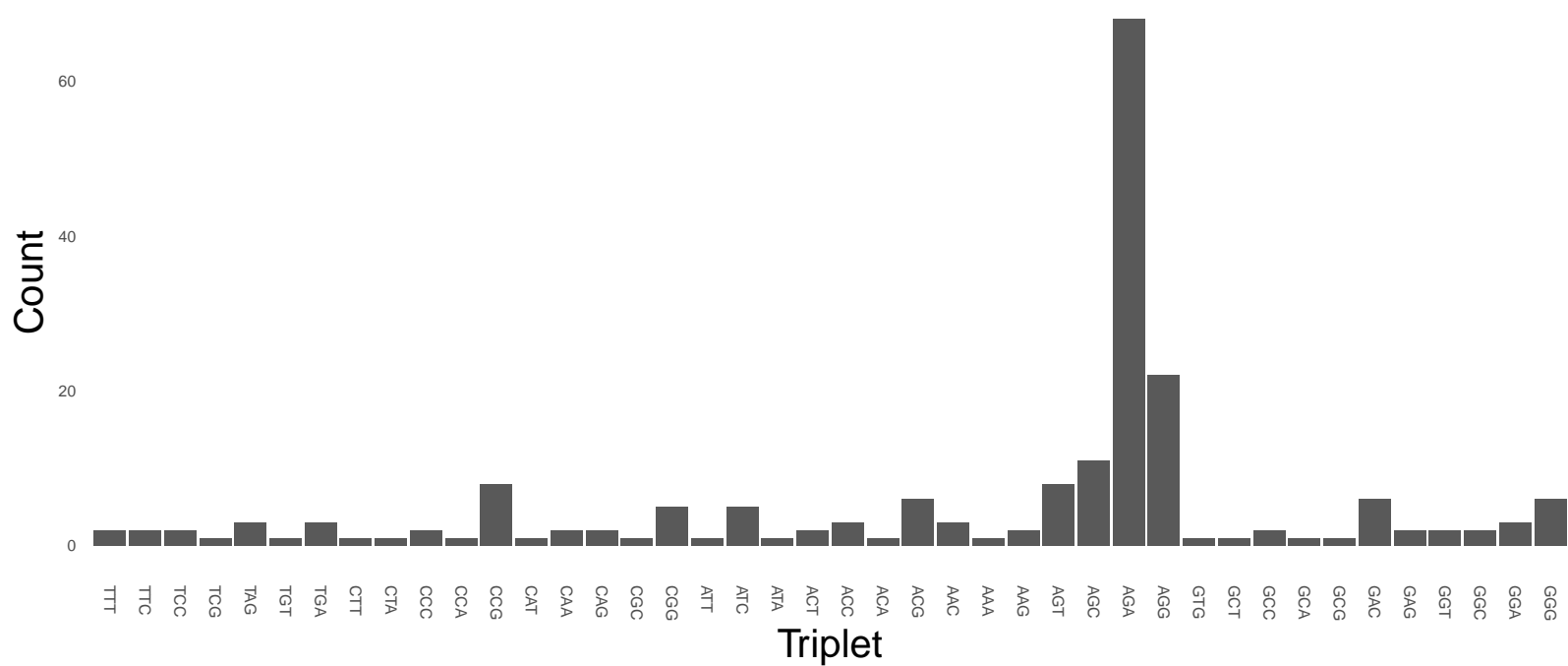
Gene TRBV20-1*02_319AGAGA323



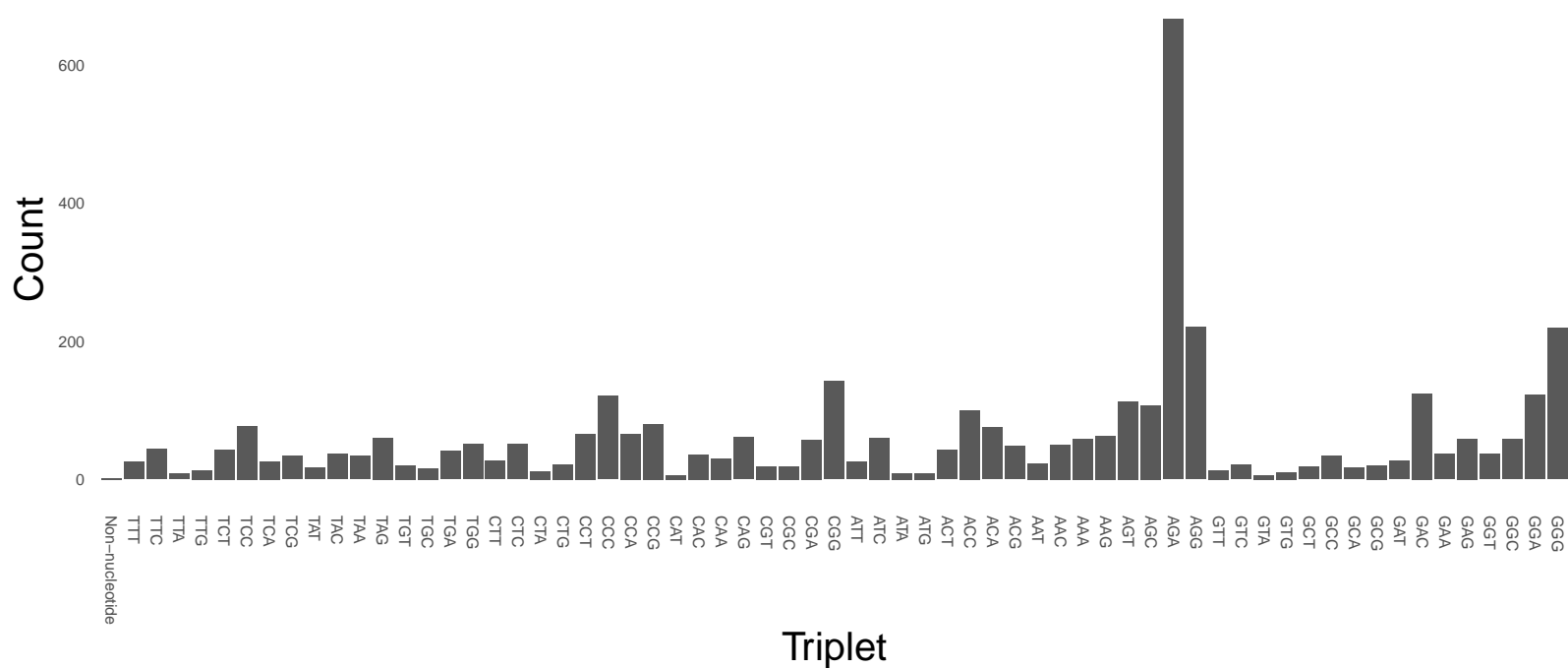
Gene TRBV5-5*02_322TTGG325



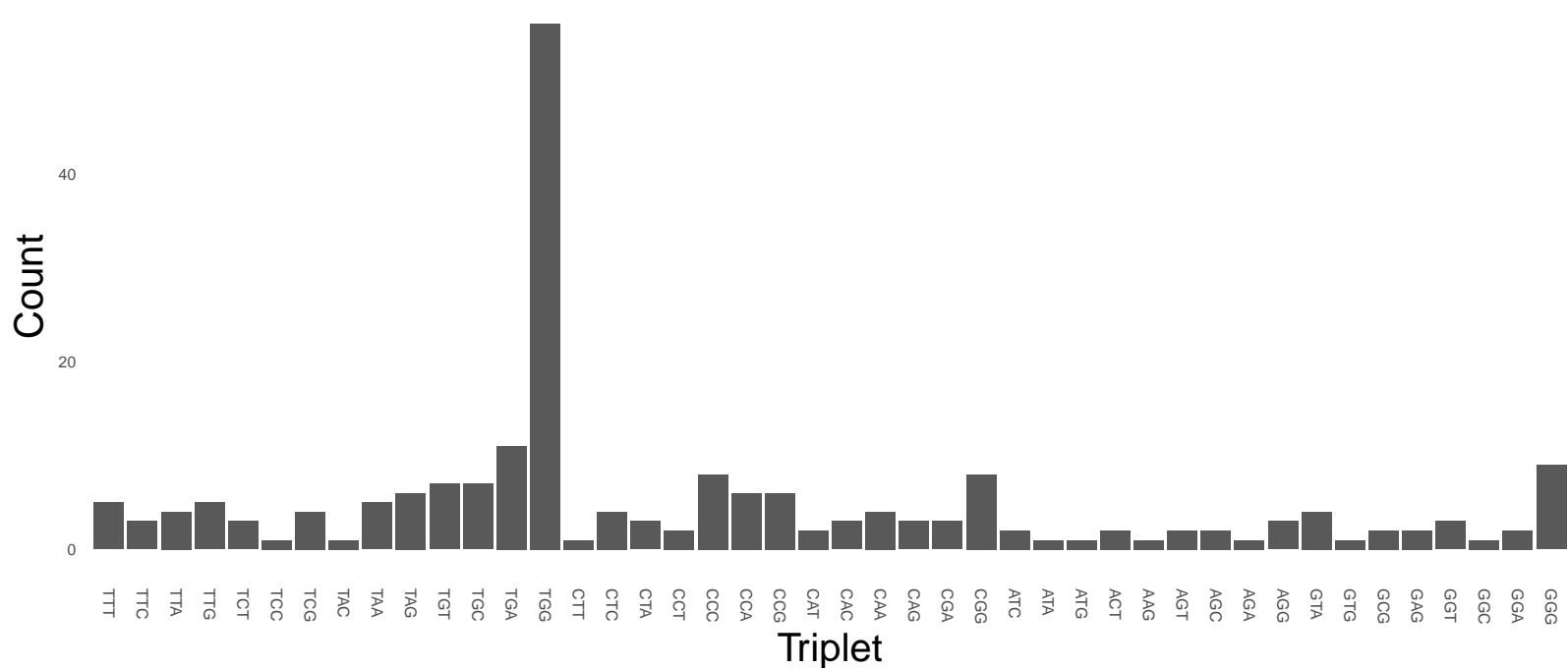
TRBV15*02_G275A– Final 3 nucleotides as a triplet



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

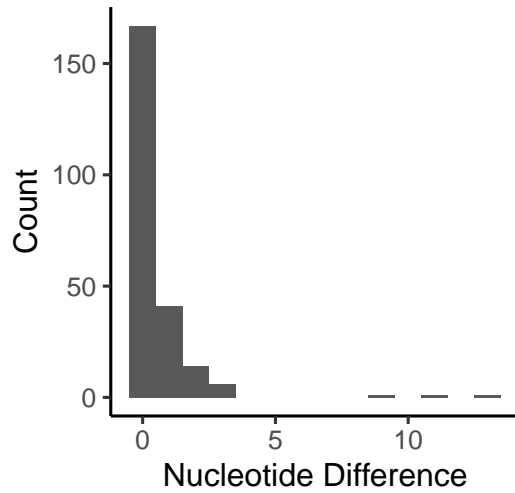


TRBV5-5*02_322TTGG325– Final 3 nucleotides as a triplet



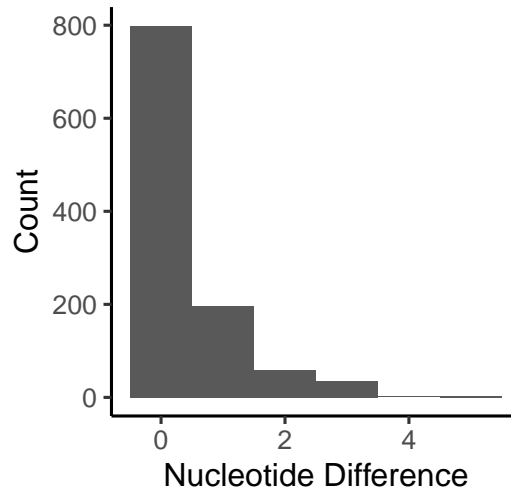
TRBV10–1*01

231 sequences assigned
167 (72.3%) exact matches, in which:
153 unique CDR3
12 unique J



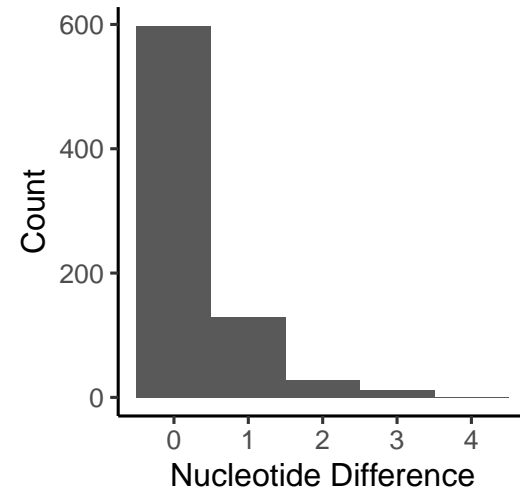
TRBV10–3*01

1097 sequences assigned
799 (72.8%) exact matches, in which:
775 unique CDR3
14 unique J



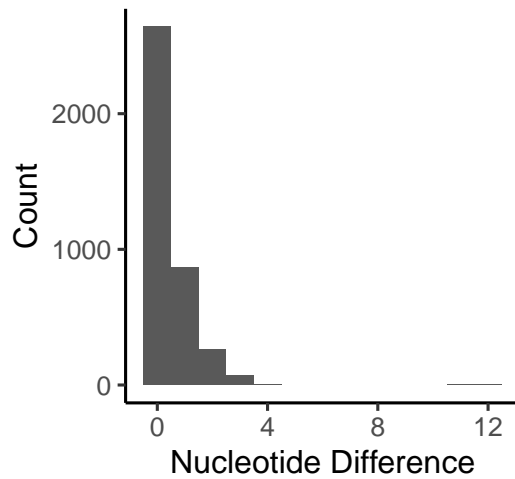
TRBV14*01

770 sequences assigned
598 (77.7%) exact matches, in which:
542 unique CDR3
14 unique J



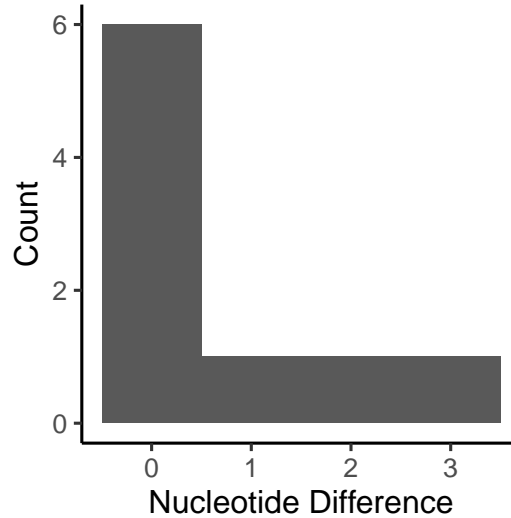
TRBV20–1*02_319AGAC

3854 sequences assigned
2641 (68.5%) exact matches, in which:
2551 unique CDR3
14 unique J



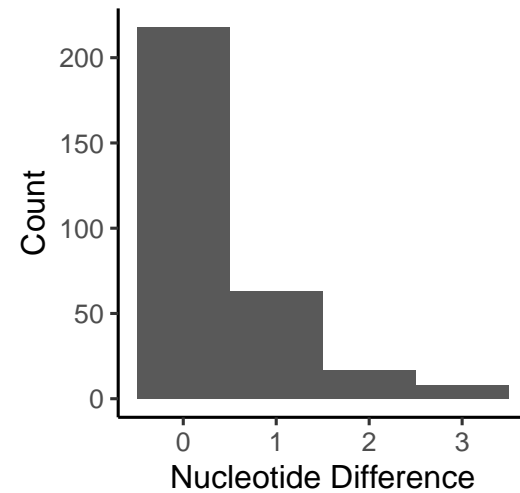
TRBV1*01

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



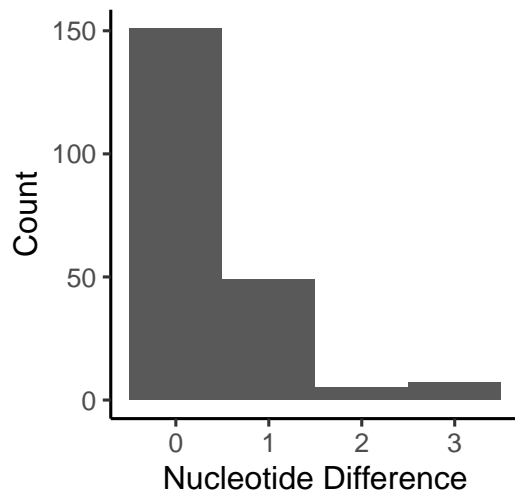
TRBV15*02

307 sequences assigned
218 (71%) exact matches, in which:
211 unique CDR3
13 unique J



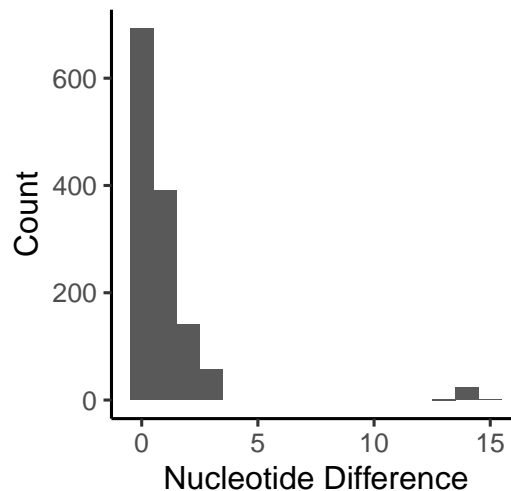
TRBV10–2*01

215 sequences assigned
151 (70.2%) exact matches, in which:
144 unique CDR3
13 unique J



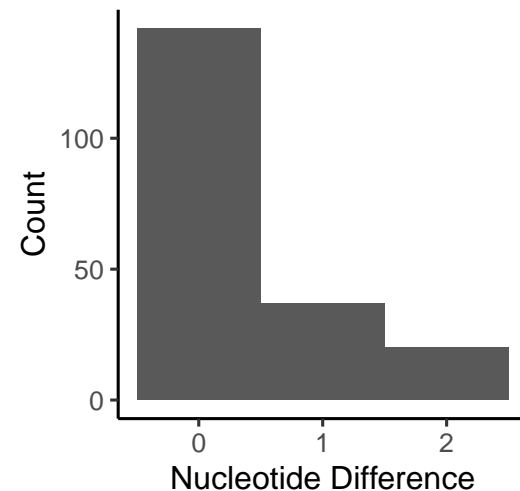
TRBV13*01

1308 sequences assigned
693 (53%) exact matches, in which:
411 unique CDR3
14 unique J



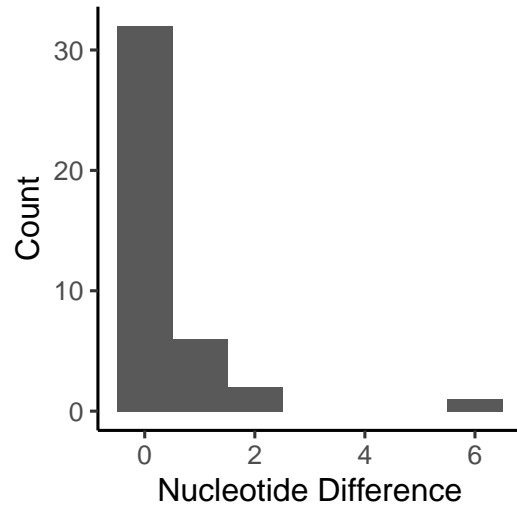
TRBV15*02_G275A

199 sequences assigned
142 (71.4%) exact matches, in which:
137 unique CDR3
13 unique J



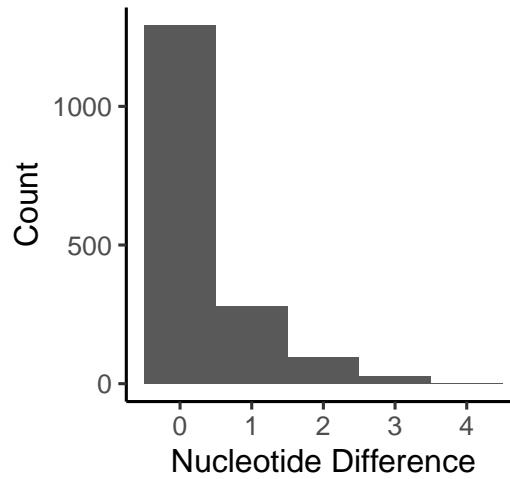
TRBV16*01

41 sequences assigned
32 (78%) exact matches, in which:
32 unique CDR3
9 unique J



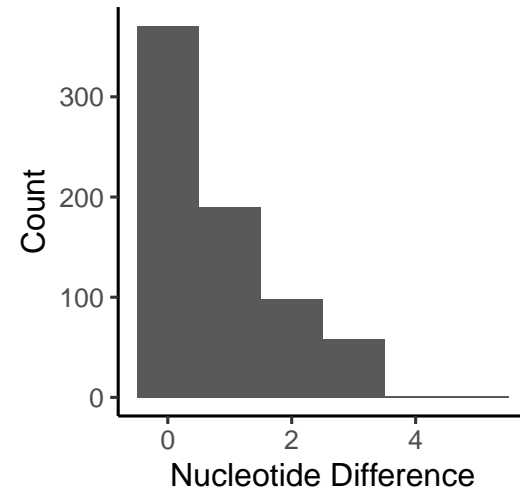
TRBV2*01

1697 sequences assigned
1292 (76.1%) exact matches, in which:
1208 unique CDR3
14 unique J



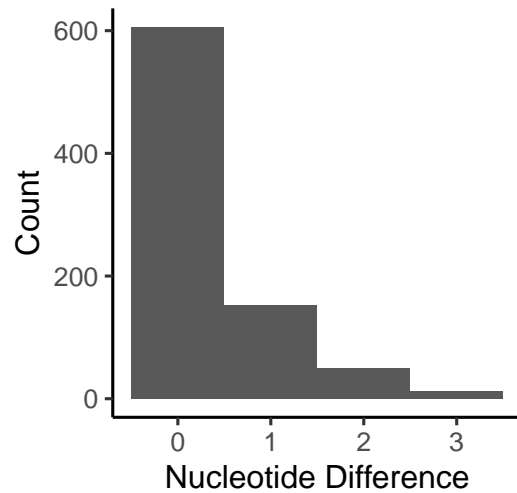
TRBV30*01

719 sequences assigned
371 (51.6%) exact matches, in which:
349 unique CDR3
14 unique J



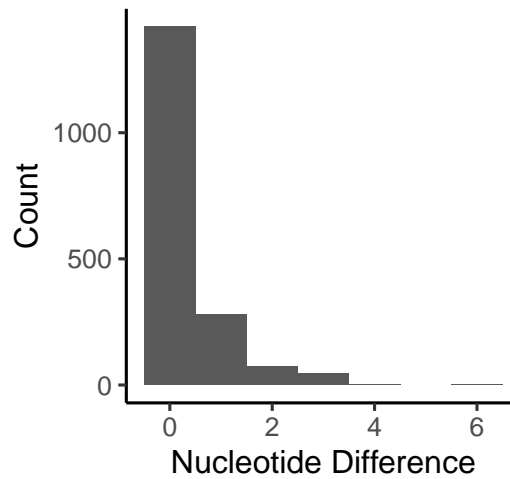
TRBV18*01

822 sequences assigned
606 (73.7%) exact matches, in which:
554 unique CDR3
14 unique J



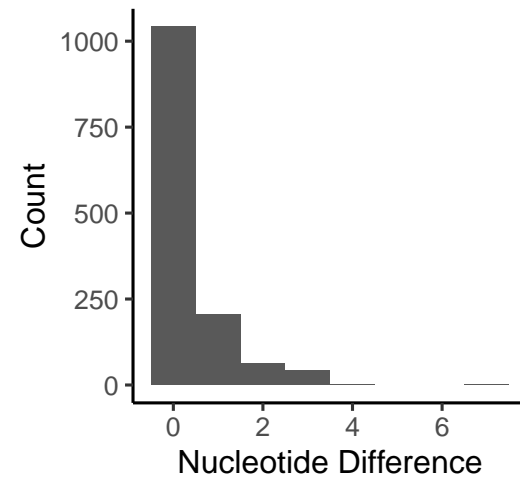
TRBV27*01

1823 sequences assigned
1420 (77.9%) exact matches, in which:
1366 unique CDR3
14 unique J



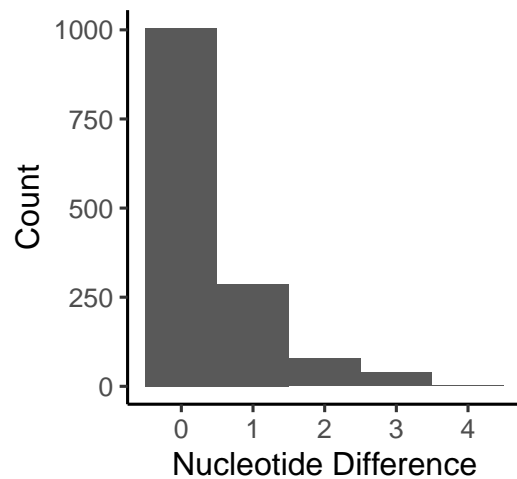
TRBV9*01

1354 sequences assigned
1042 (77%) exact matches, in which:
1016 unique CDR3
14 unique J



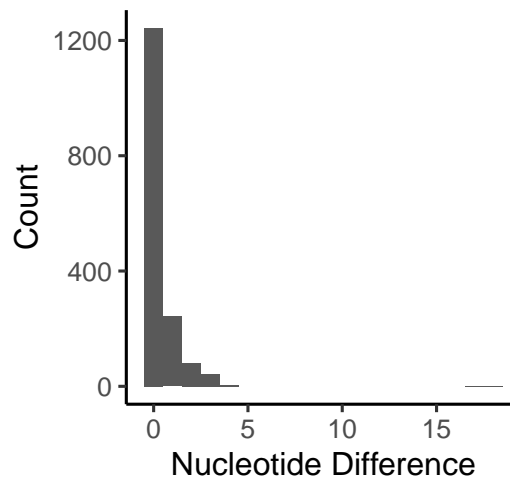
TRBV19*01

1412 sequences assigned
1005 (71.2%) exact matches, in which:
943 unique CDR3
14 unique J



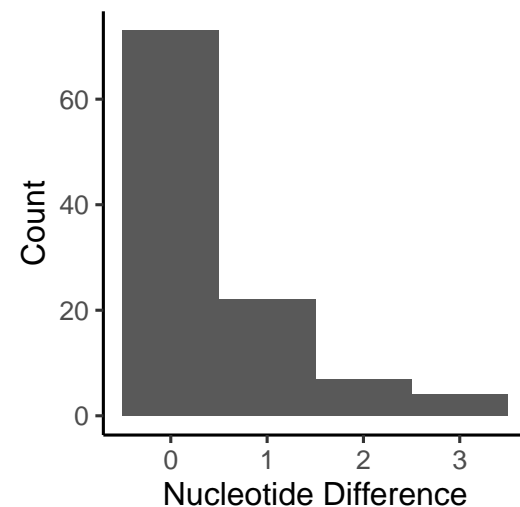
TRBV28*01

1617 sequences assigned
1243 (76.9%) exact matches, in which:
1192 unique CDR3
14 unique J



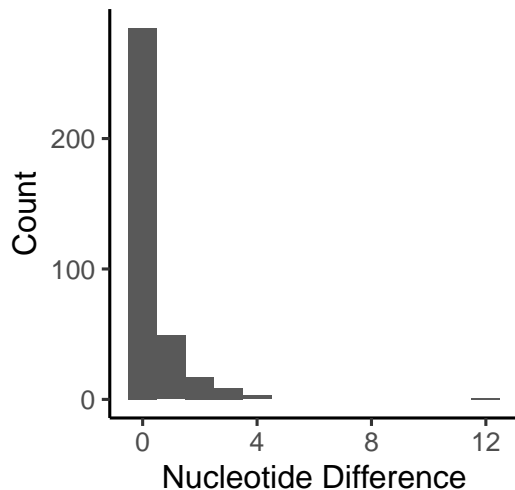
TRBV11-1*01

106 sequences assigned
73 (68.9%) exact matches, in which:
72 unique CDR3
13 unique J



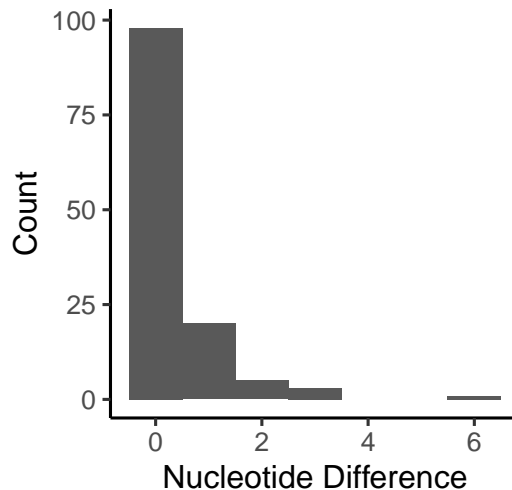
TRBV21-1*02

364 sequences assigned
285 (78.3%) exact matches, in which:
276 unique CDR3
14 unique J



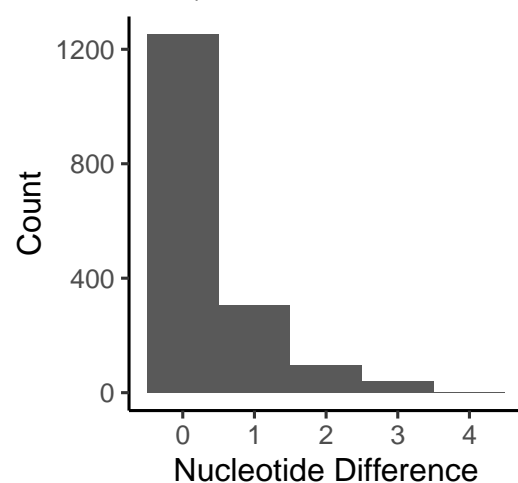
TRBV11-3*01

127 sequences assigned
98 (77.2%) exact matches, in which:
97 unique CDR3
12 unique J



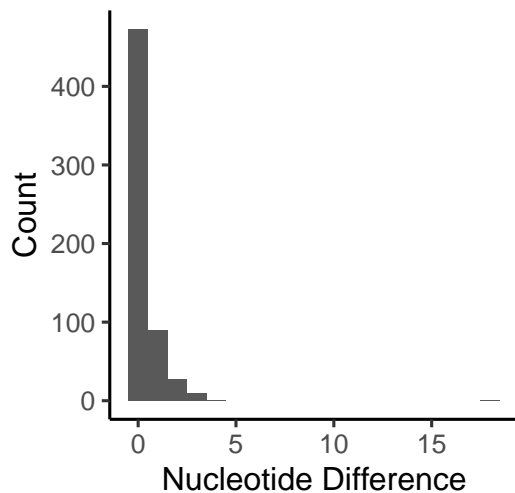
TRBV12-3*01

1697 sequences assigned
1252 (73.8%) exact matches, in which:
1186 unique CDR3
14 unique J



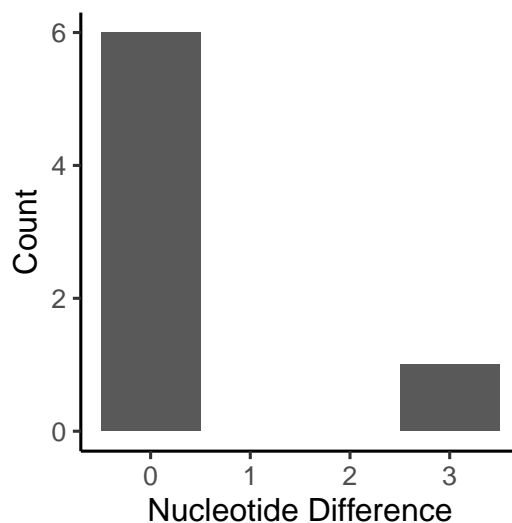
TRBV11-2*01

602 sequences assigned
473 (78.6%) exact matches, in which:
448 unique CDR3
14 unique J



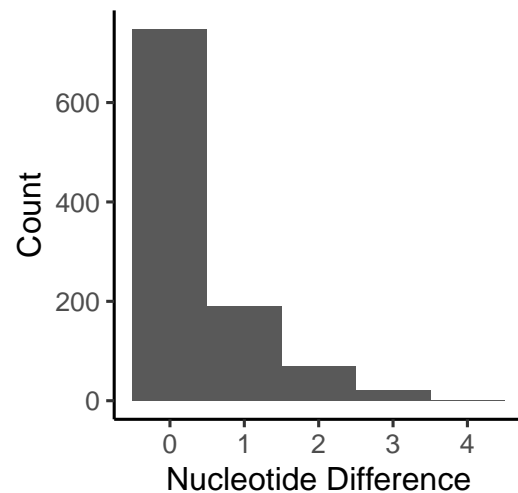
TRBV12-1*01

7 sequences assigned
6 (85.7%) exact matches, in which:
6 unique CDR3
4 unique J



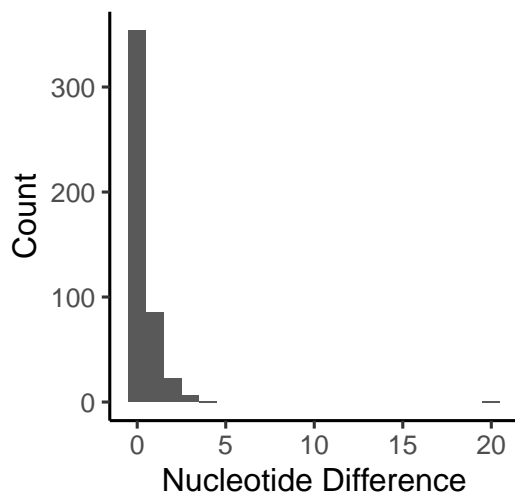
TRBV12-4*01

1035 sequences assigned
748 (72.3%) exact matches, in which:
711 unique CDR3
14 unique J



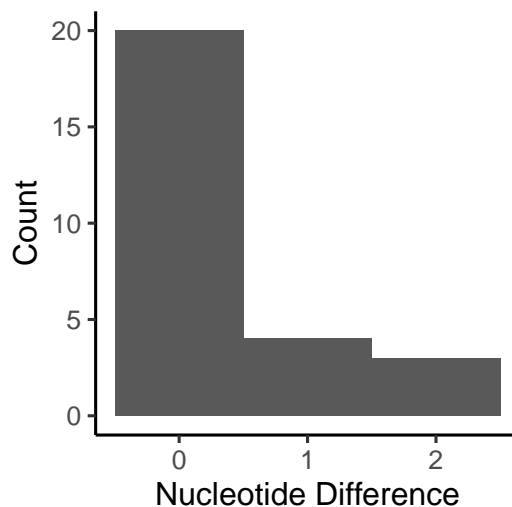
TRBV11-2*03

470 sequences assigned
354 (75.3%) exact matches, in which:
341 unique CDR3
13 unique J



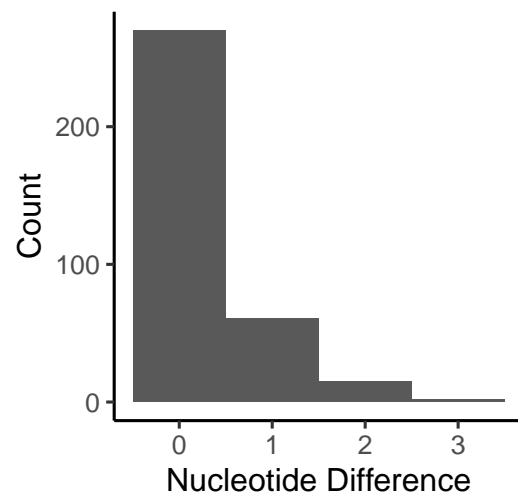
TRBV12-2*01

27 sequences assigned
20 (74.1%) exact matches, in which:
19 unique CDR3
9 unique J



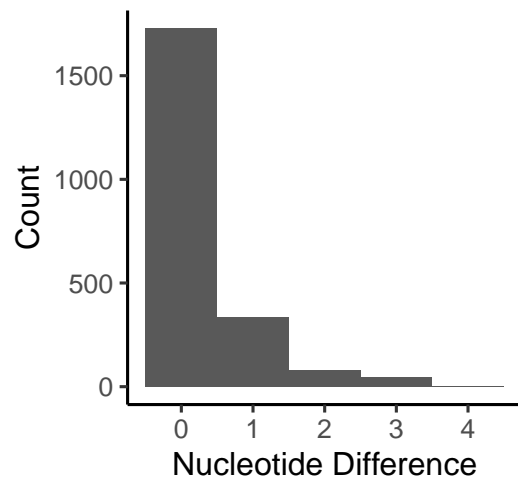
TRBV12-5*01

348 sequences assigned
270 (77.6%) exact matches, in which:
261 unique CDR3
14 unique J



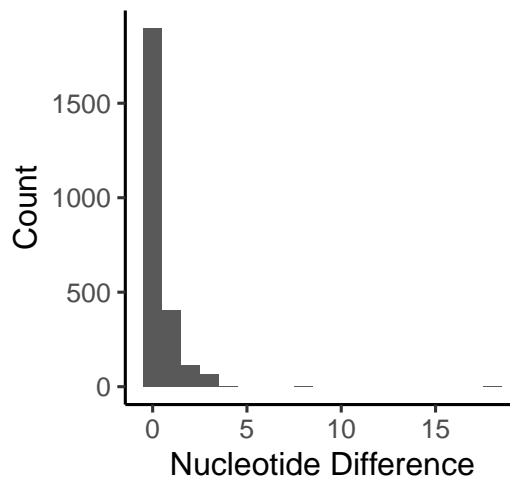
TRBV3-1*01

2198 sequences assigned
1728 (78.6%) exact matches, in which:
1636 unique CDR3
14 unique J



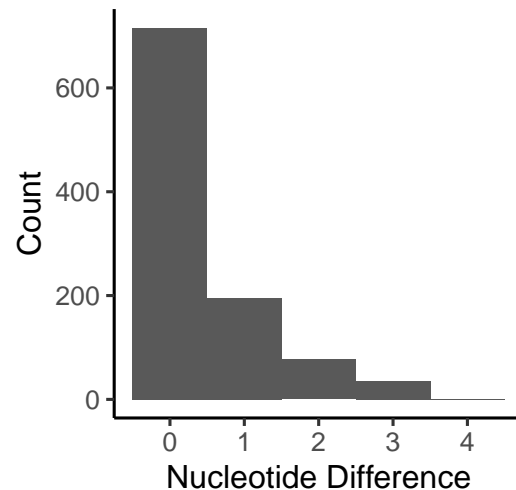
TRBV4-1*01

2489 sequences assigned
1896 (76.2%) exact matches, in which:
1758 unique CDR3
14 unique J



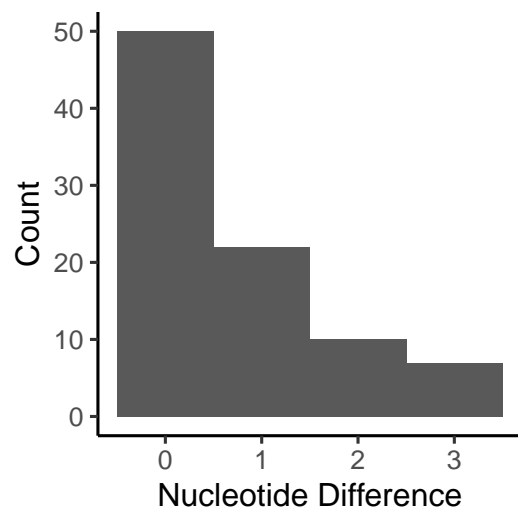
TRBV4-2*01

1026 sequences assigned
716 (69.8%) exact matches, in which:
670 unique CDR3
14 unique J



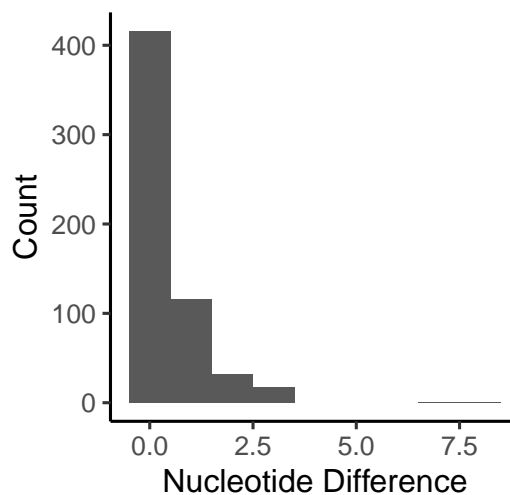
TRBV23-1*01

90 sequences assigned
50 (55.6%) exact matches, in which:
50 unique CDR3
13 unique J



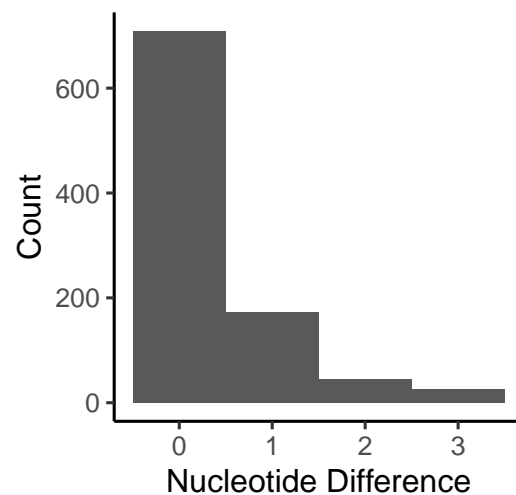
TRBV24-1*01

583 sequences assigned
416 (71.4%) exact matches, in which:
405 unique CDR3
13 unique J



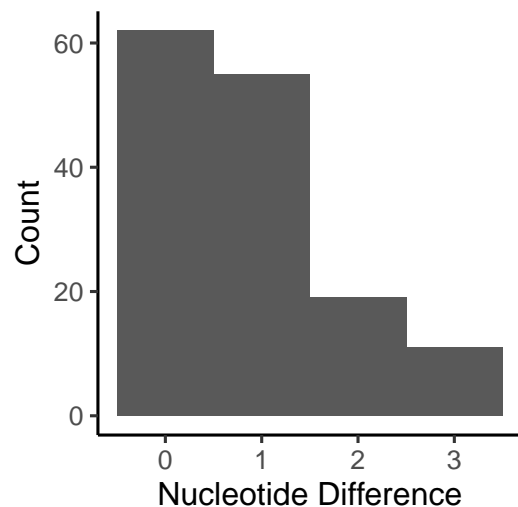
TRBV4-3*01

953 sequences assigned
709 (74.4%) exact matches, in which:
669 unique CDR3
13 unique J



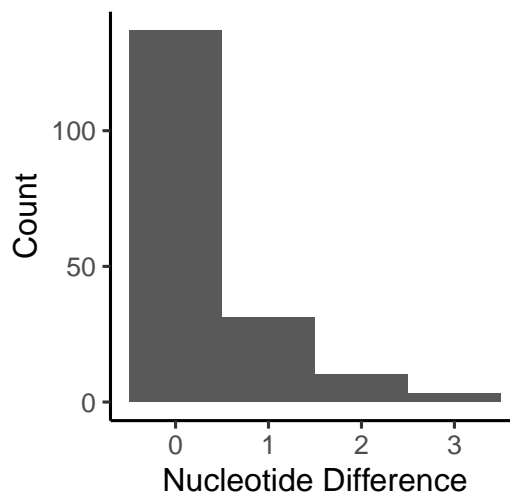
TRBV3-2*01

147 sequences assigned
62 (42.2%) exact matches, in which:
20 unique CDR3
9 unique J



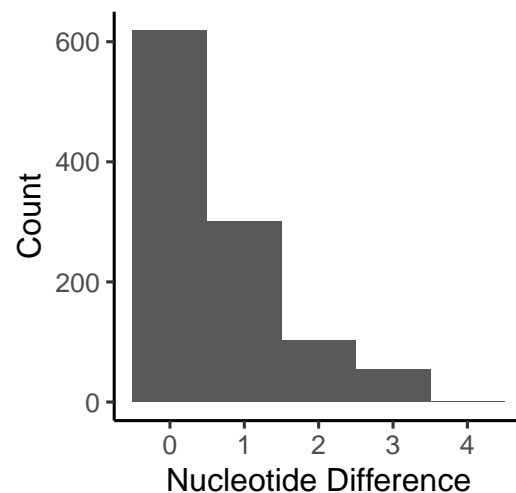
TRBV24-1*02

181 sequences assigned
137 (75.7%) exact matches, in which:
133 unique CDR3
10 unique J



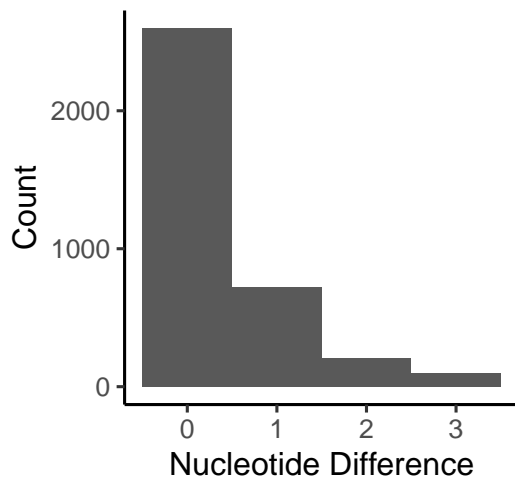
TRBV25-1*01

1077 sequences assigned
619 (57.5%) exact matches, in which:
425 unique CDR3
14 unique J



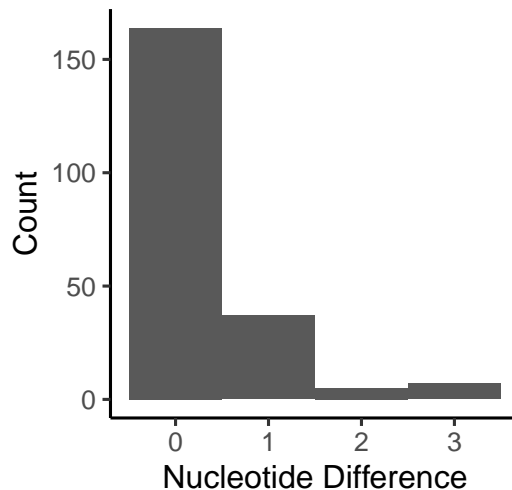
TRBV5-1*01

3625 sequences assigned
2597 (71.6%) exact matches, in which:
2513 unique CDR3
14 unique J



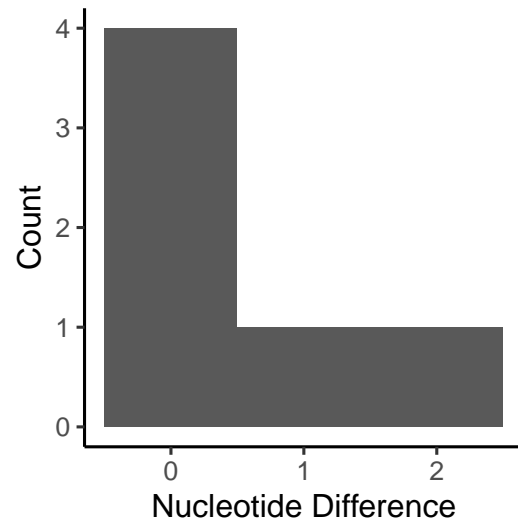
TRBV5-5*01

213 sequences assigned
164 (77%) exact matches, in which:
161 unique CDR3
13 unique J



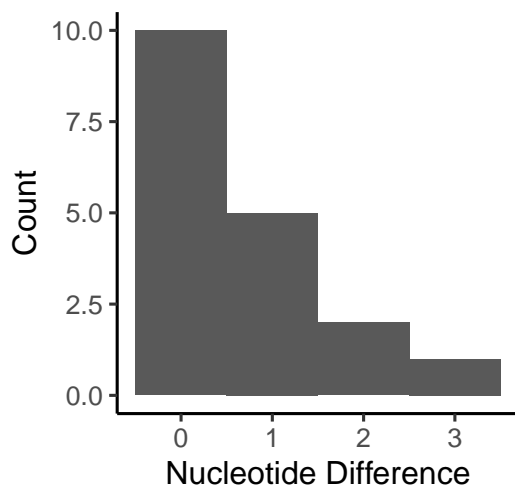
TRBV5-7*01

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



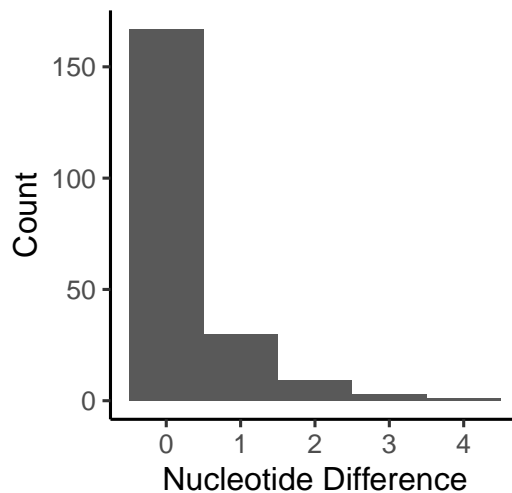
TRBV5-3*01

18 sequences assigned
10 (55.6%) exact matches, in which:
10 unique CDR3
8 unique J



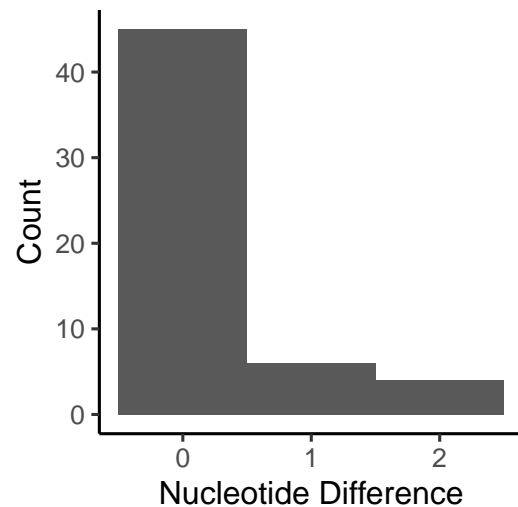
TRBV5-5*02_322TTGG3

210 sequences assigned
167 (79.5%) exact matches, in which:
161 unique CDR3
12 unique J



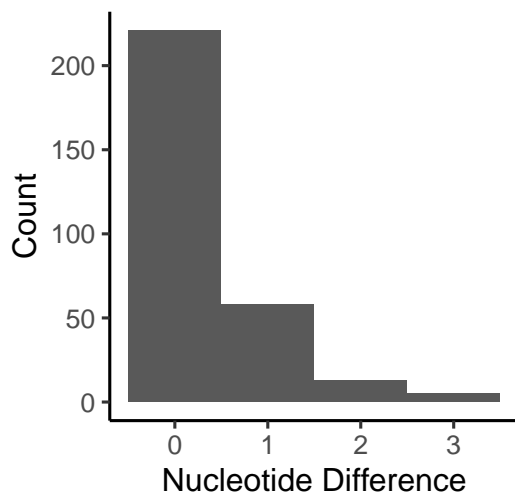
TRBV5-8*01

56 sequences assigned
45 (80.4%) exact matches, in which:
44 unique CDR3
11 unique J



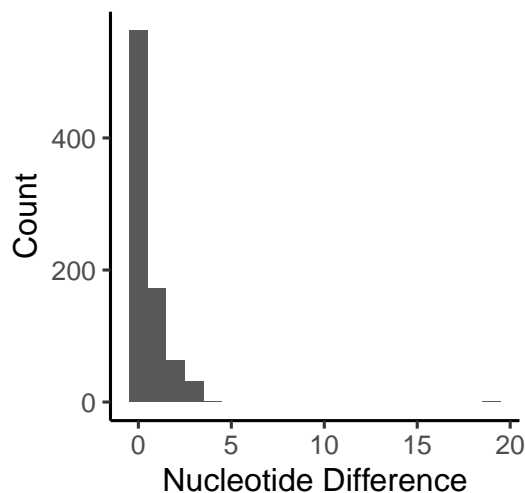
TRBV5-4*01

298 sequences assigned
221 (74.2%) exact matches, in which:
206 unique CDR3
12 unique J



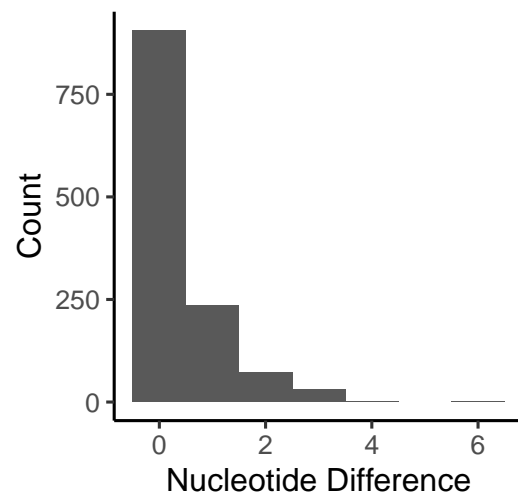
TRBV5-6*01

831 sequences assigned
563 (67.7%) exact matches, in which:
490 unique CDR3
14 unique J



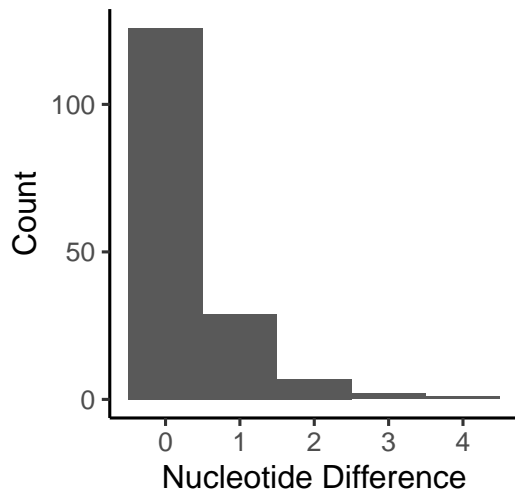
TRBV6-1*01

1255 sequences assigned
906 (72.2%) exact matches, in which:
869 unique CDR3
14 unique J



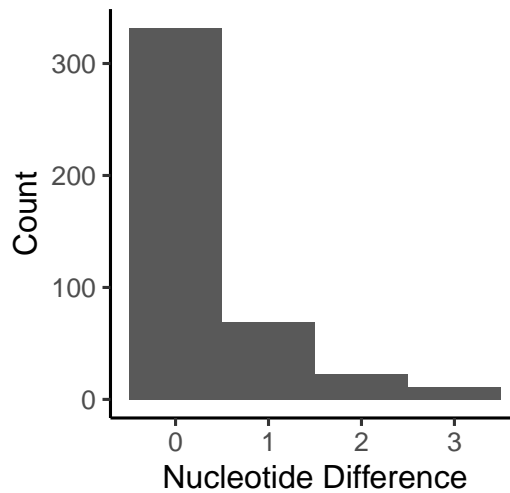
TRBV6-4*01

165 sequences assigned
126 (76.4%) exact matches, in which:
116 unique CDR3
13 unique J



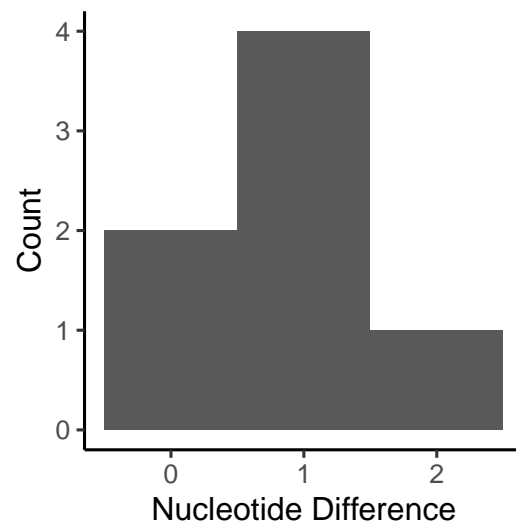
TRBV6-6*02

436 sequences assigned
332 (76.1%) exact matches, in which:
312 unique CDR3
13 unique J



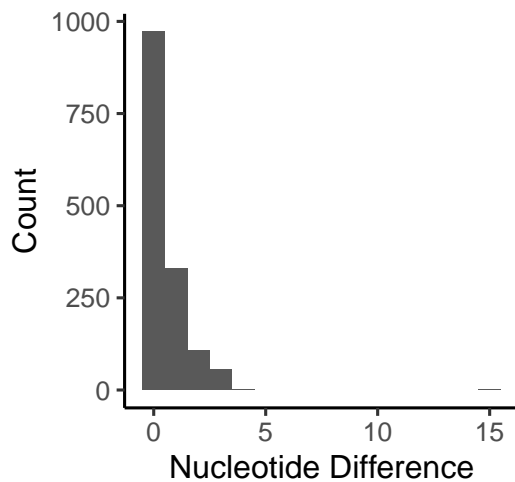
TRBV6-9*01

7 sequences assigned
2 (28.6%) exact matches, in which:
1 unique CDR3
1 unique J



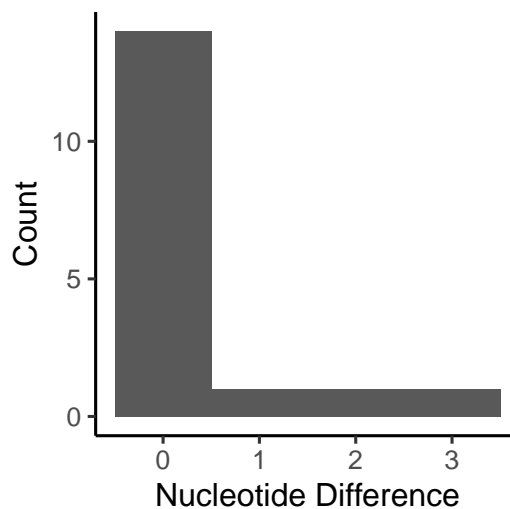
TRBV6-5*01

1467 sequences assigned
972 (66.3%) exact matches, in which:
874 unique CDR3
14 unique J



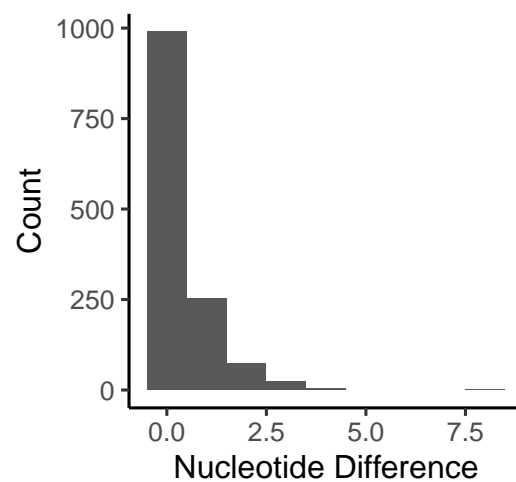
TRBV6-7*01

17 sequences assigned
14 (82.4%) exact matches, in which:
14 unique CDR3
9 unique J



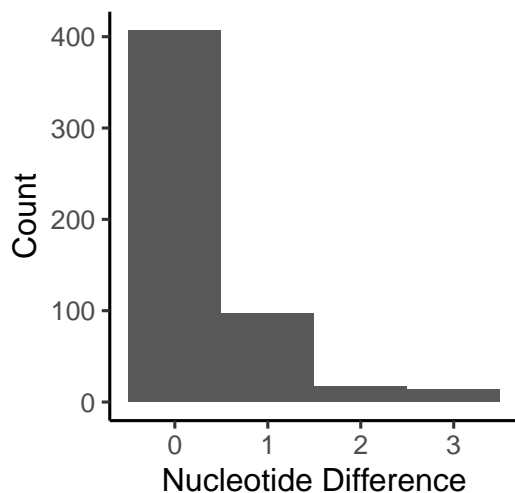
TRBV6-23*01

1344 sequences assigned
990 (73.7%) exact matches, in which:
950 unique CDR3
14 unique J



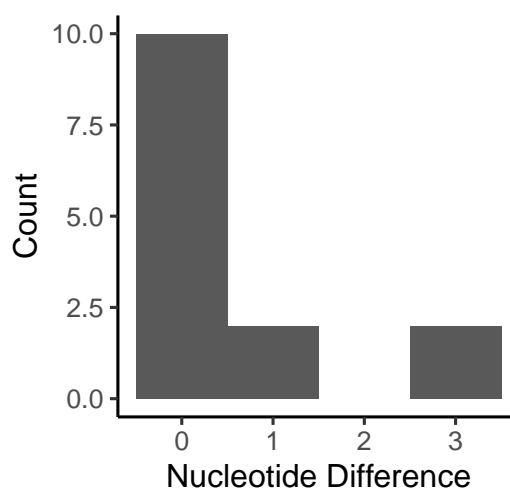
TRBV6-6*01

535 sequences assigned
407 (76.1%) exact matches, in which:
391 unique CDR3
13 unique J



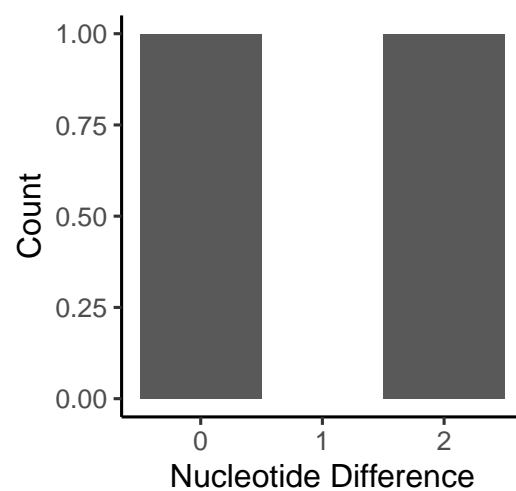
TRBV6-8*01

14 sequences assigned
10 (71.4%) exact matches, in which:
10 unique CDR3
8 unique J



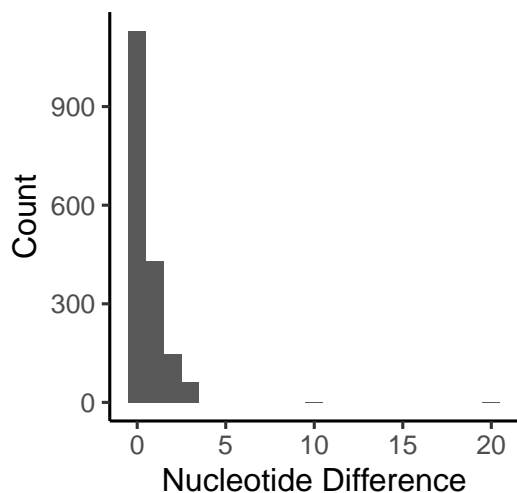
TRBV7-1*01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



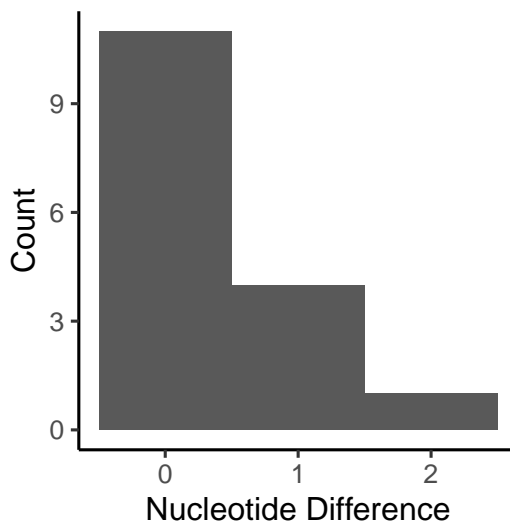
TRBV7-2*01

1773 sequences assigned
1131 (63.8%) exact matches, in which:
996 unique CDR3
13 unique J



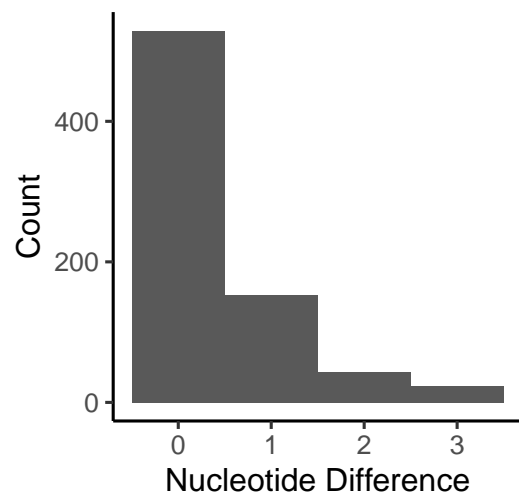
TRBV7-4*01

16 sequences assigned
11 (68.8%) exact matches, in which:
10 unique CDR3
7 unique J



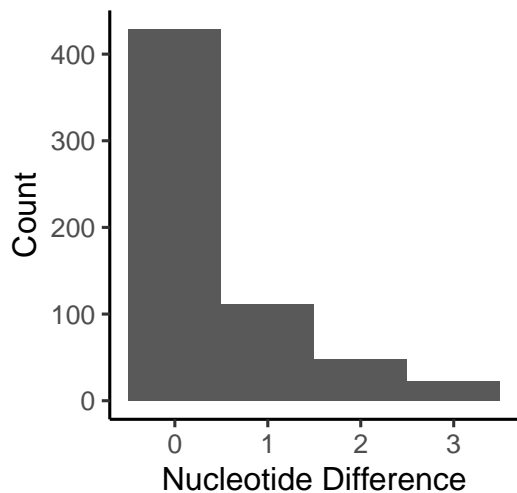
TRBV7-8*01

748 sequences assigned
529 (70.7%) exact matches, in which:
499 unique CDR3
14 unique J



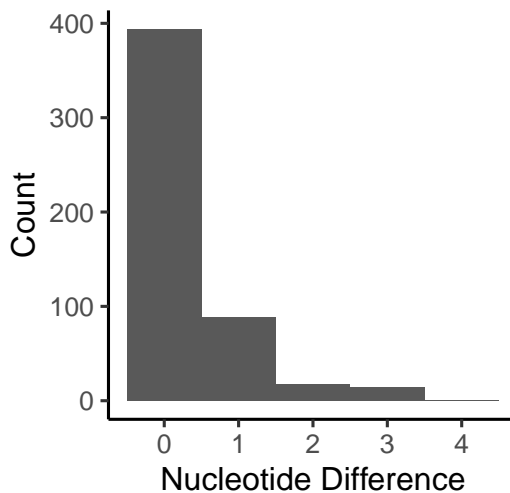
TRBV7-2*02

611 sequences assigned
429 (70.2%) exact matches, in which:
408 unique CDR3
13 unique J



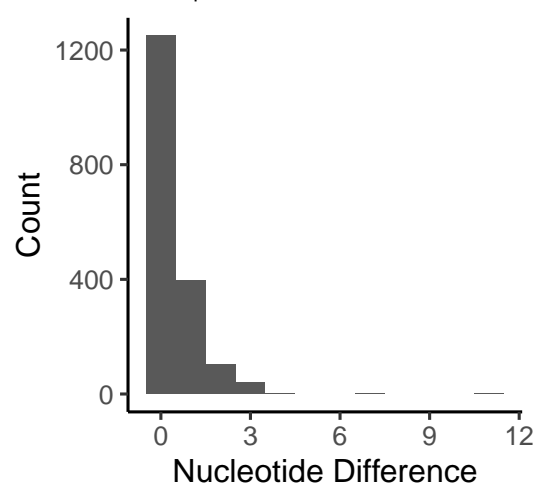
TRBV7-6*01

516 sequences assigned
394 (76.4%) exact matches, in which:
357 unique CDR3
14 unique J



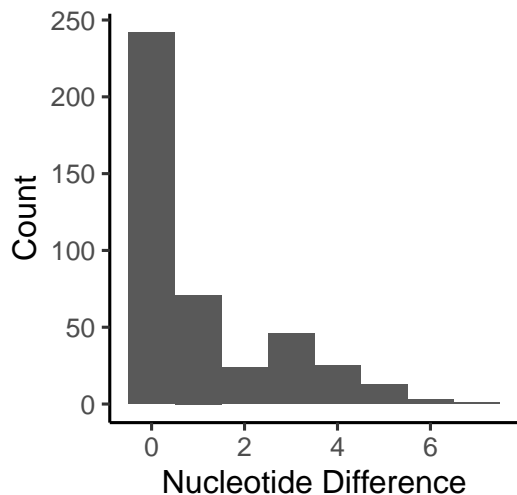
TRBV7-9*01

1792 sequences assigned
1250 (69.8%) exact matches, in which:
1207 unique CDR3
14 unique J



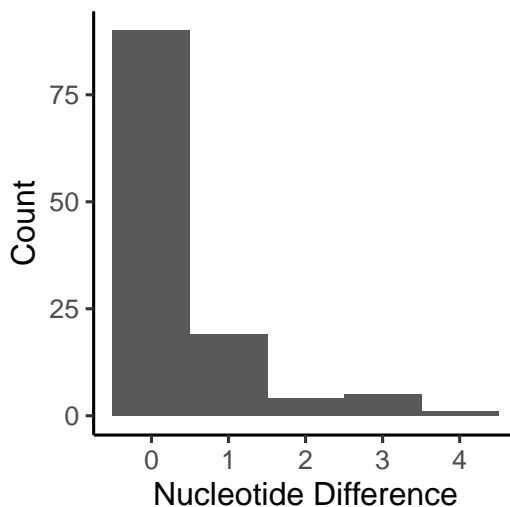
TRBV7-3*01

425 sequences assigned
242 (56.9%) exact matches, in which:
230 unique CDR3
12 unique J



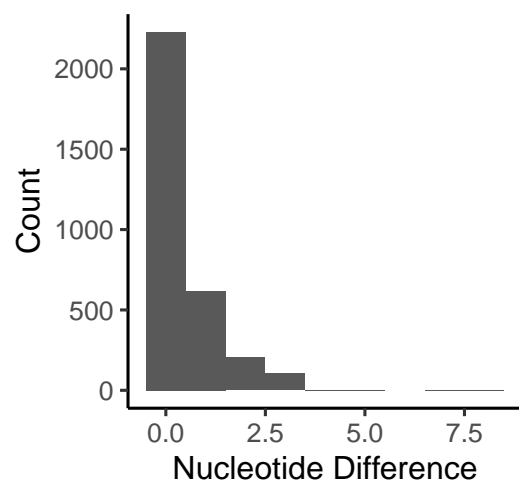
TRBV7-7*01

119 sequences assigned
90 (75.6%) exact matches, in which:
82 unique CDR3
12 unique J

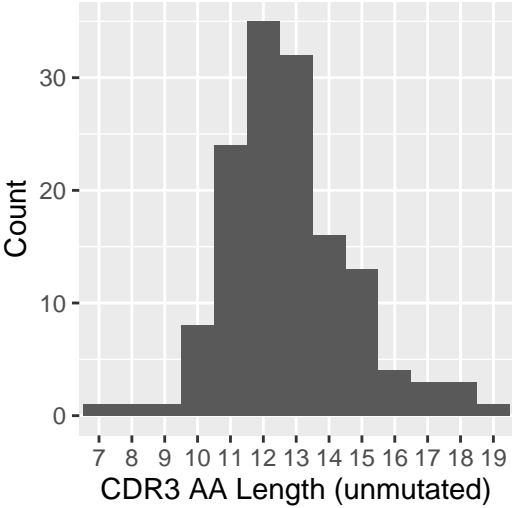


TRBV29-1*01

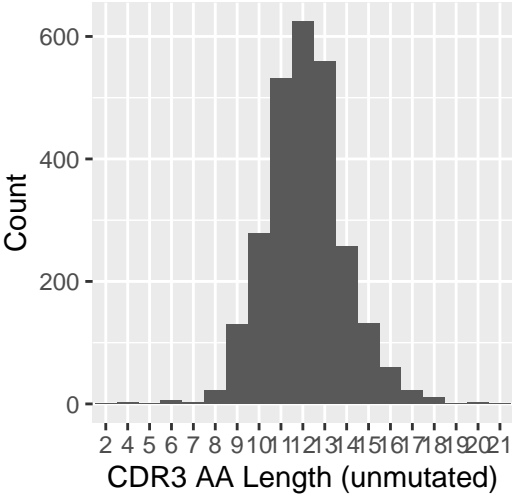
3164 sequences assigned
2229 (70.4%) exact matches, in which:
2126 unique CDR3
14 unique J



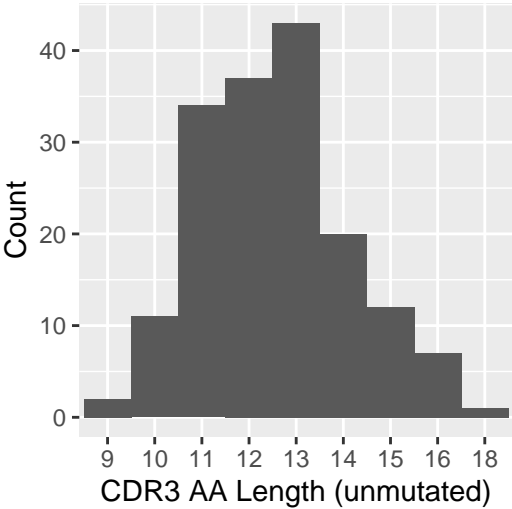
TRBV15*02_G275A

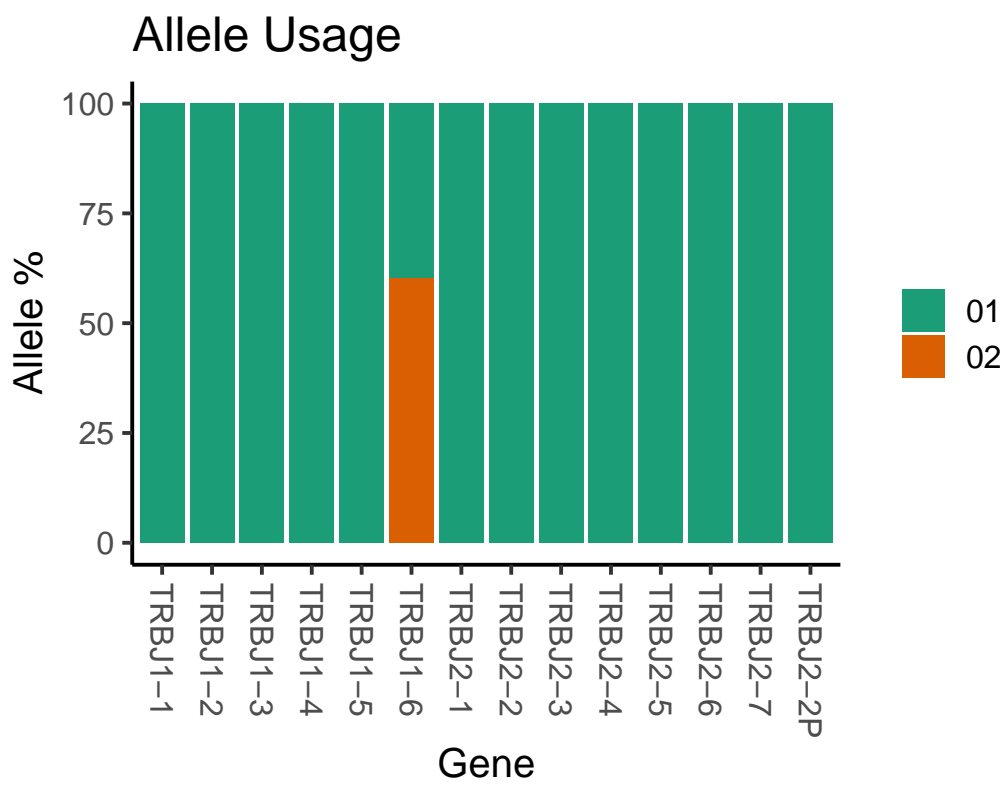


TRBV20-1*02_319AGAGA323



TRBV5-5*02_322TTGG325





Sequence Count by TRBJ1–6 allele usage

