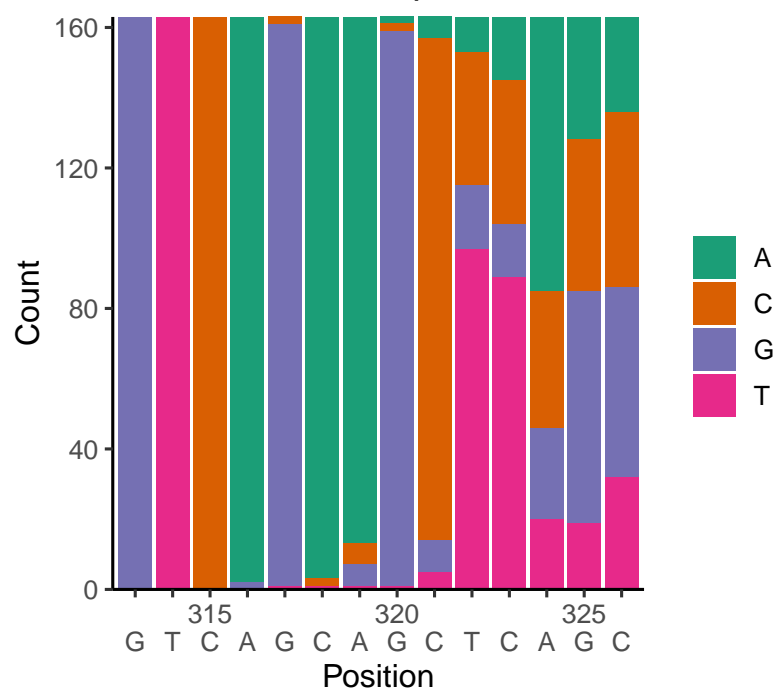
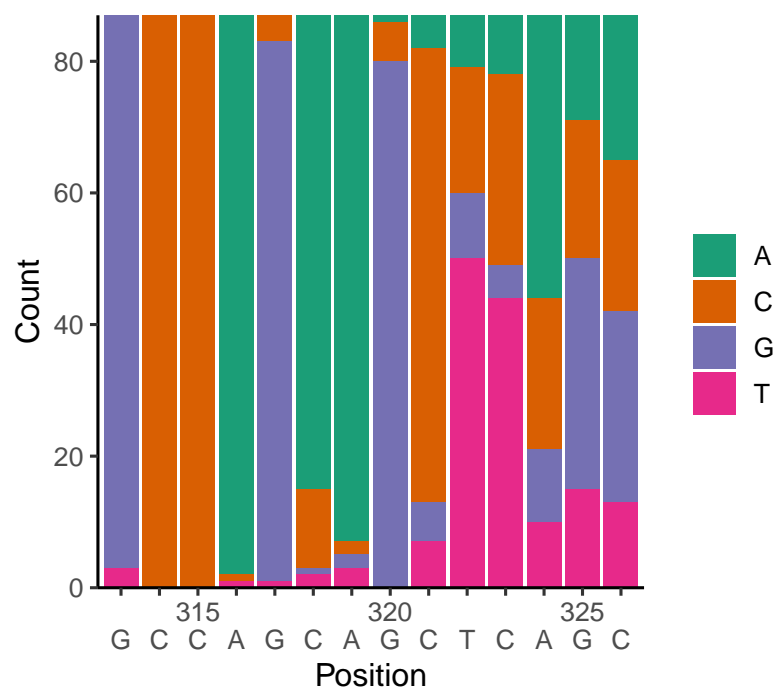


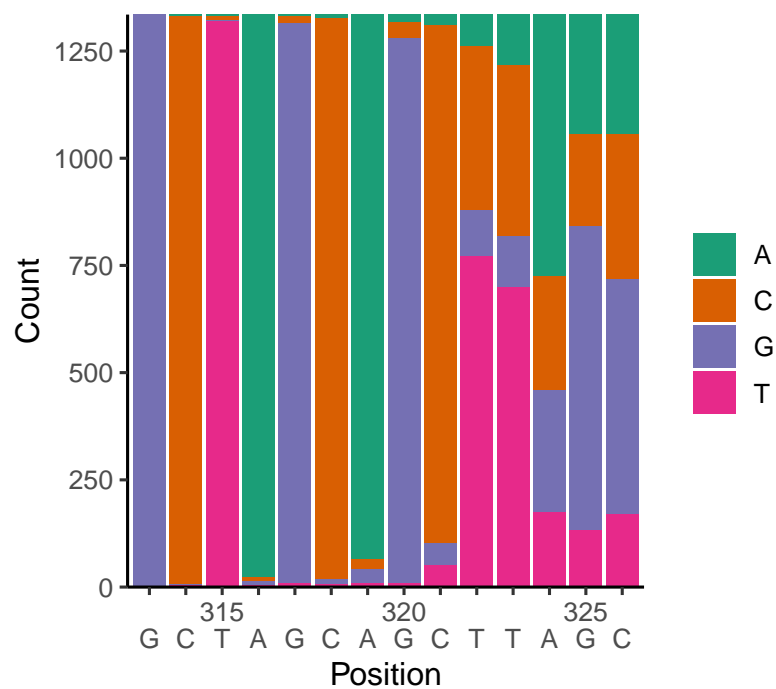
Gene TRBV7-1*ap01_G291C_T296C_C314T



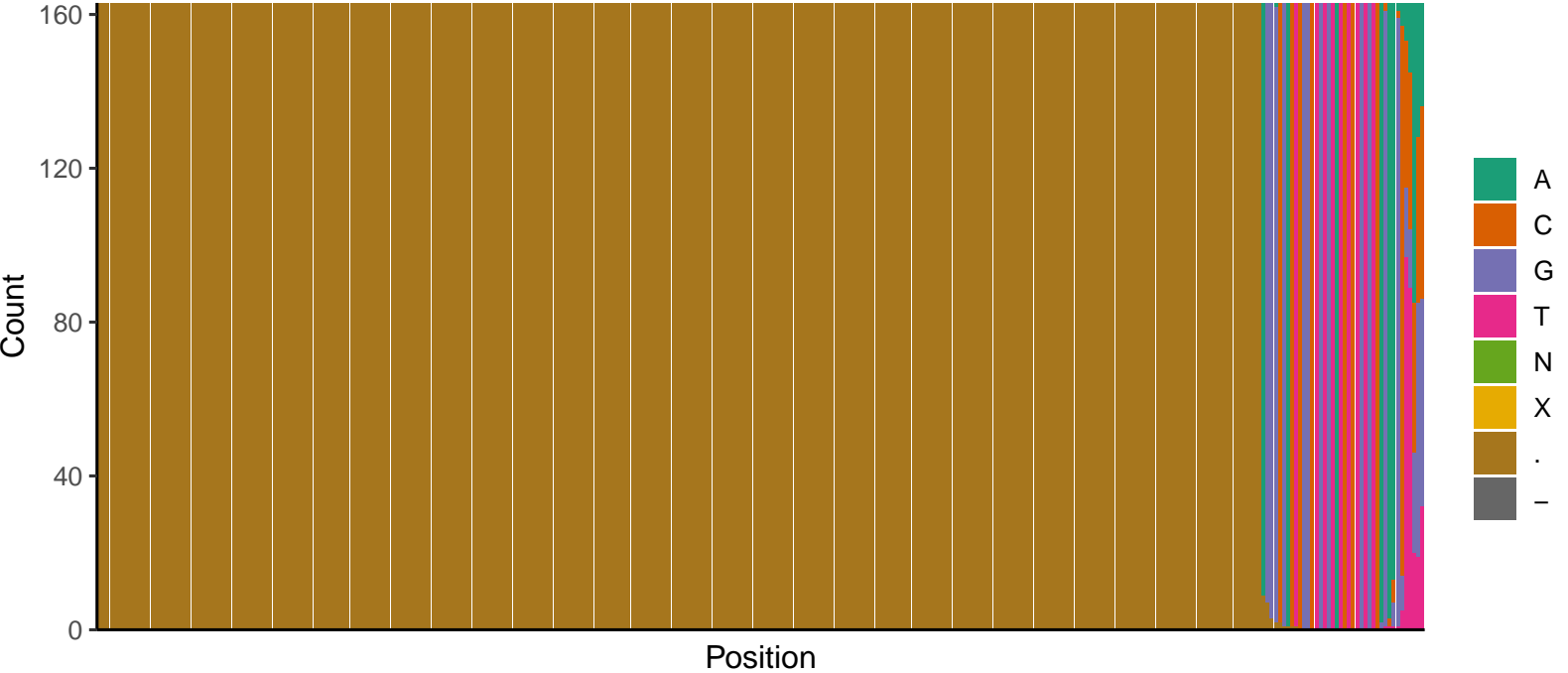
Gene TRBV7-1*ap01_G291C_T296C



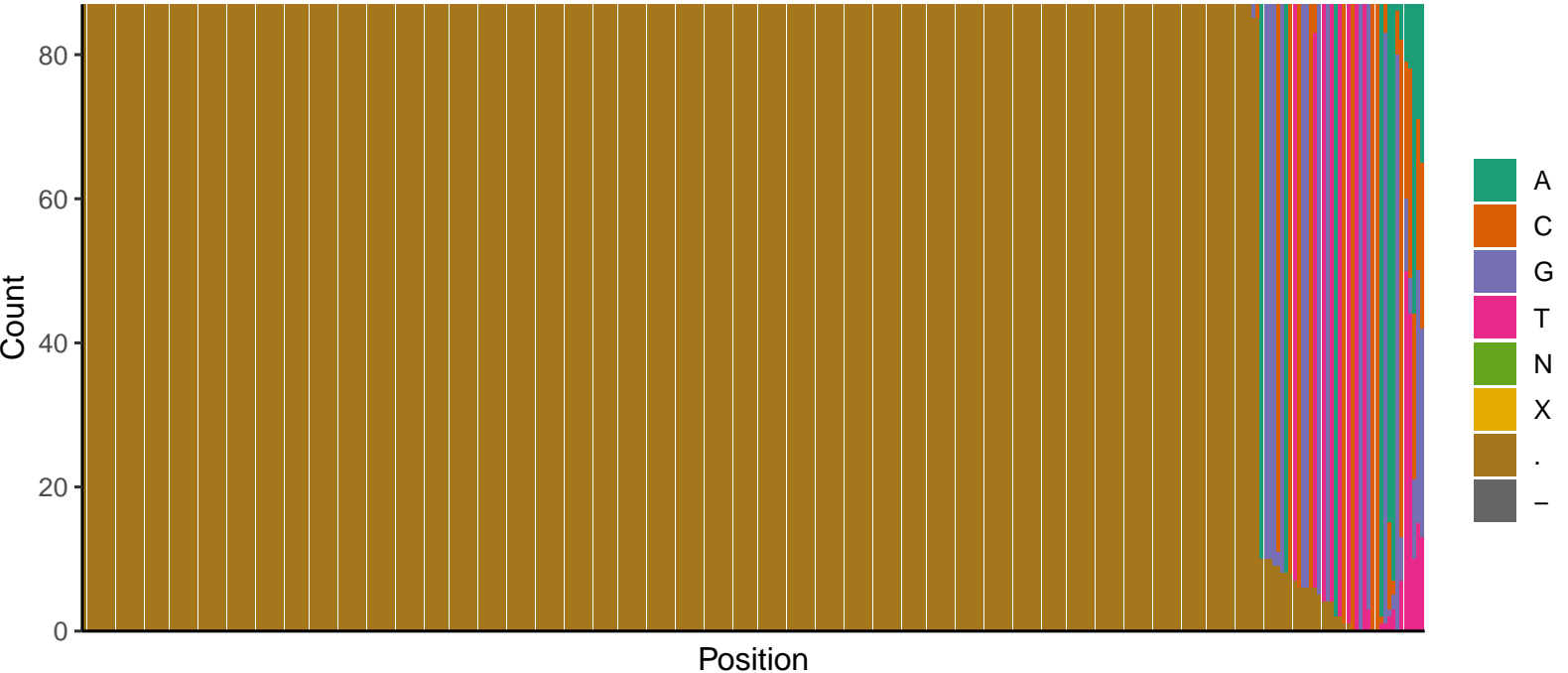
Gene TRBV7-7*ap01_C315T



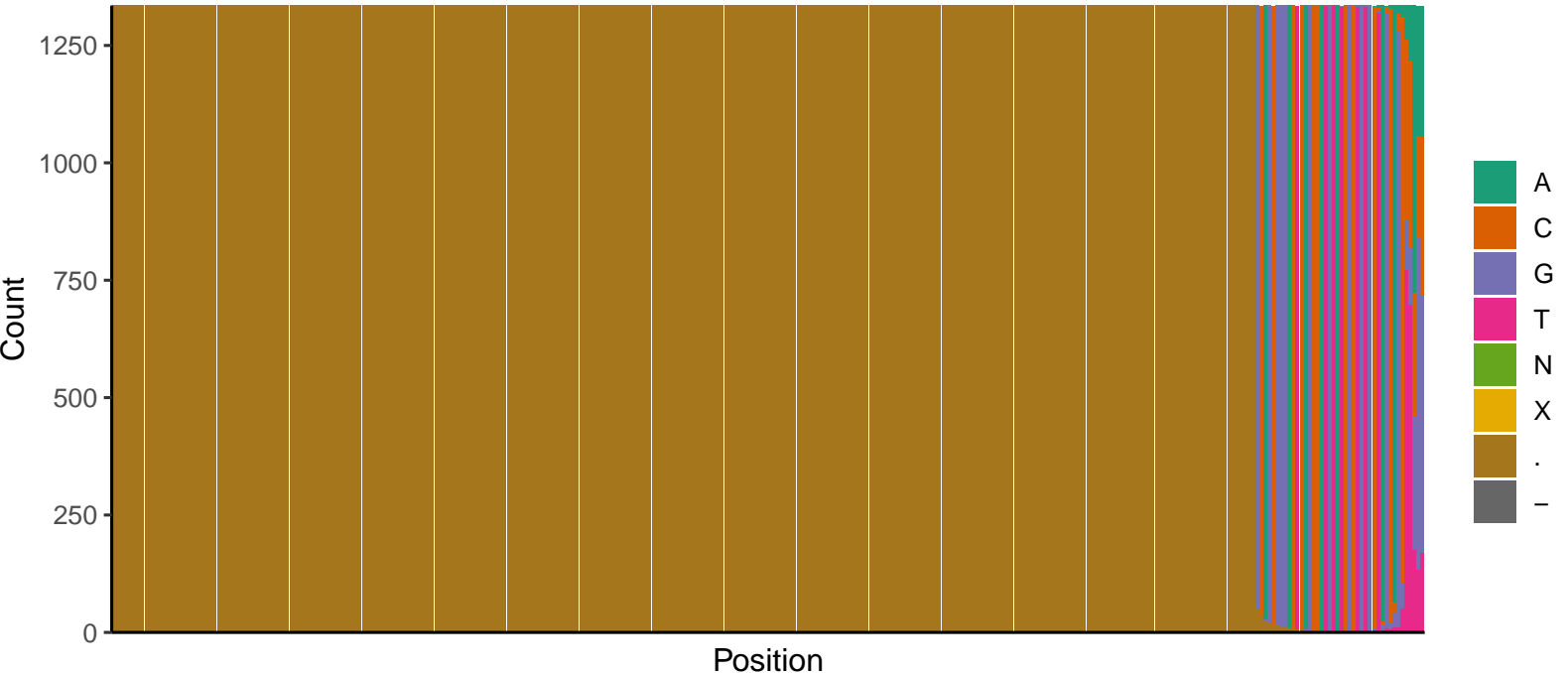
Gene TRBV7-1*ap01_G291C_T296C_C314T



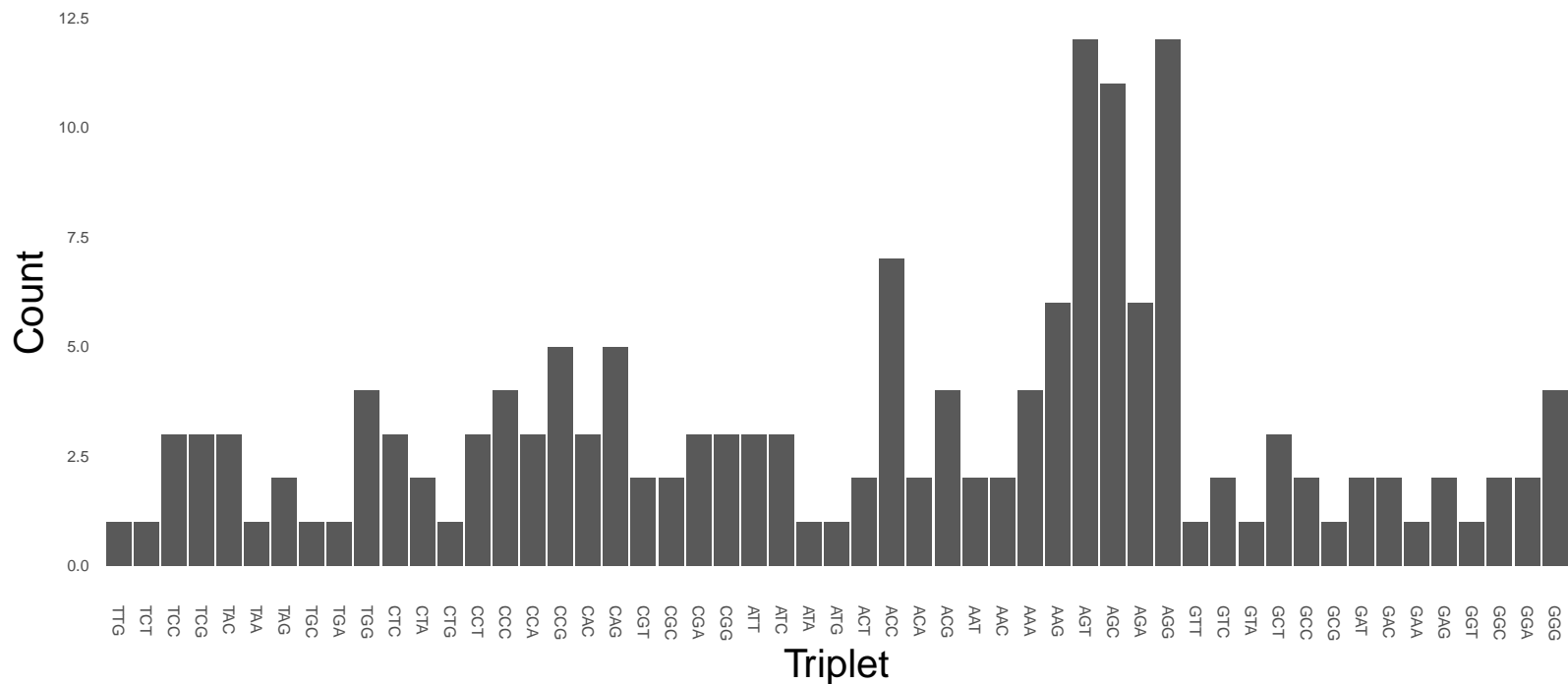
Gene TRBV7-1*ap01_G291C_T296C



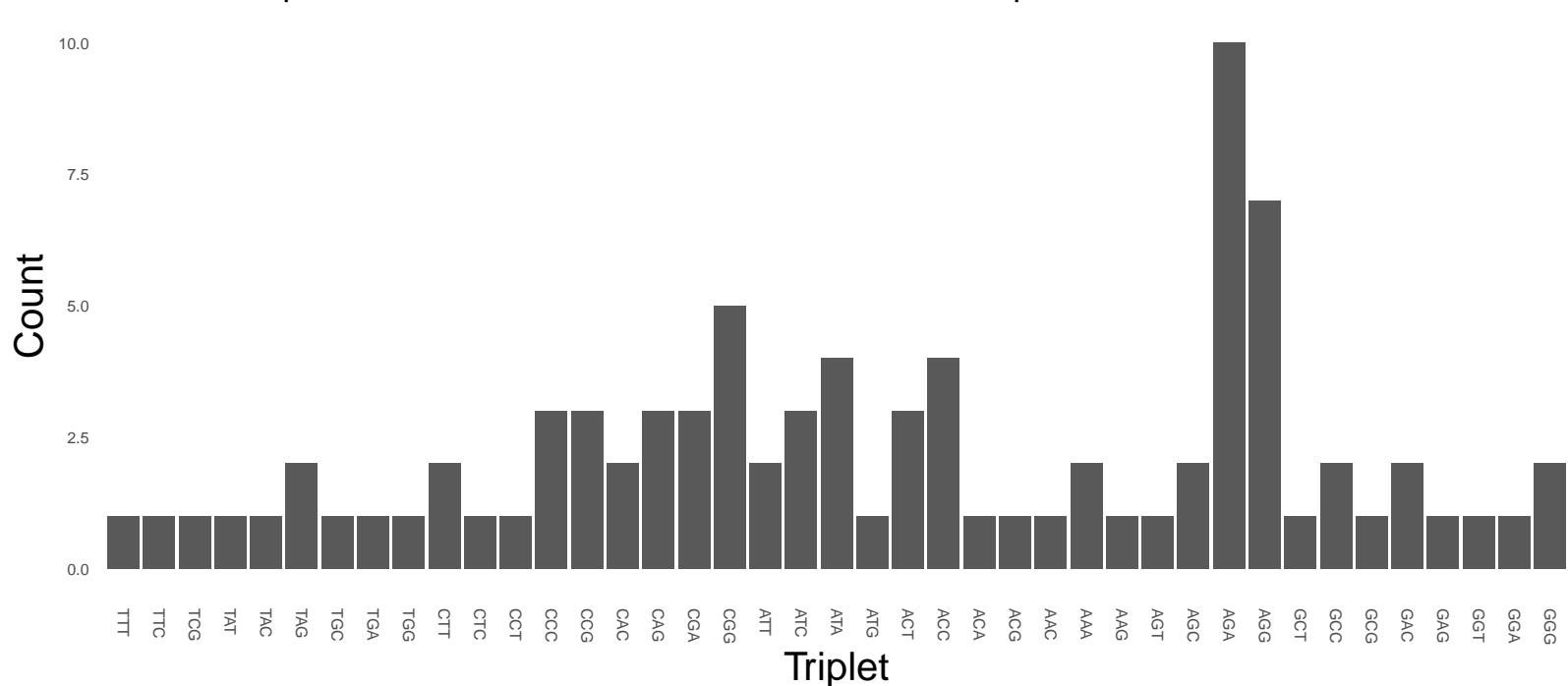
Gene TRBV7-7*ap01_C315T



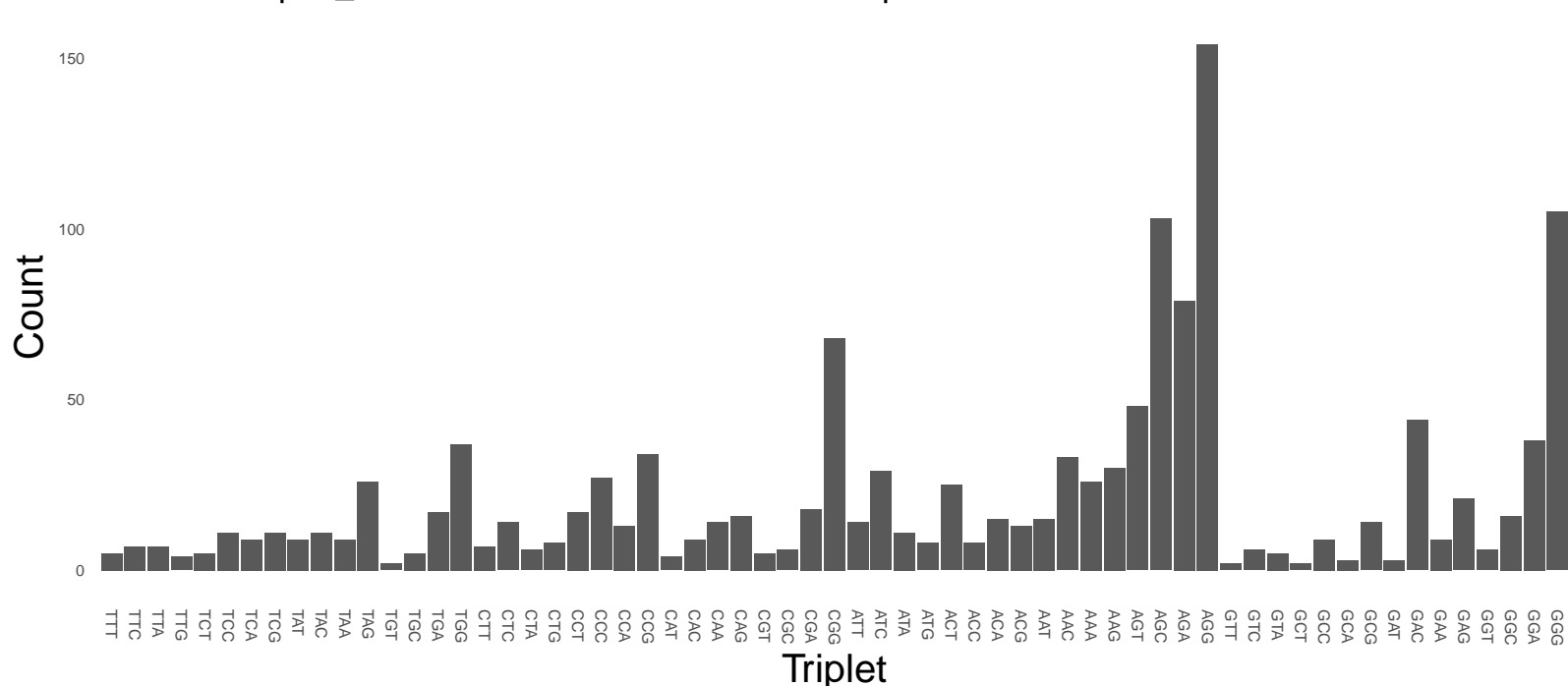
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet

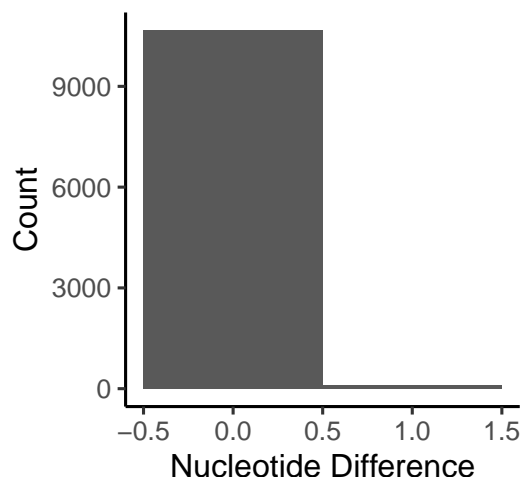


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



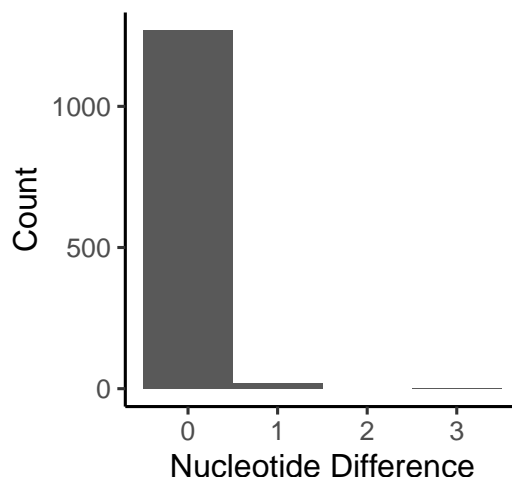
TRBV20-1*ap01

10784 sequences assigned
10666 (98.9%) exact matches, in which:
10512 unique CDR3
14 unique J



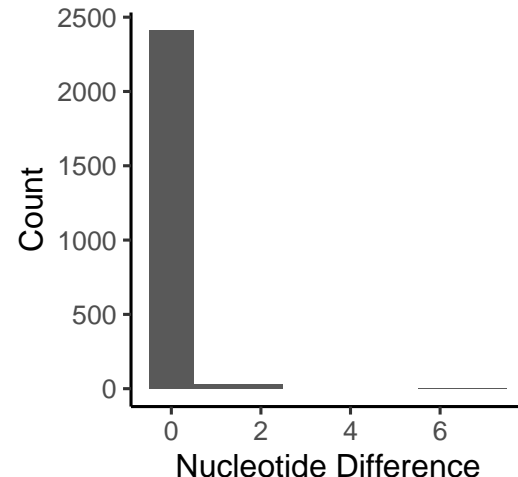
TRBV10-2*ap01

1289 sequences assigned
1269 (98.4%) exact matches, in which:
1236 unique CDR3
14 unique J



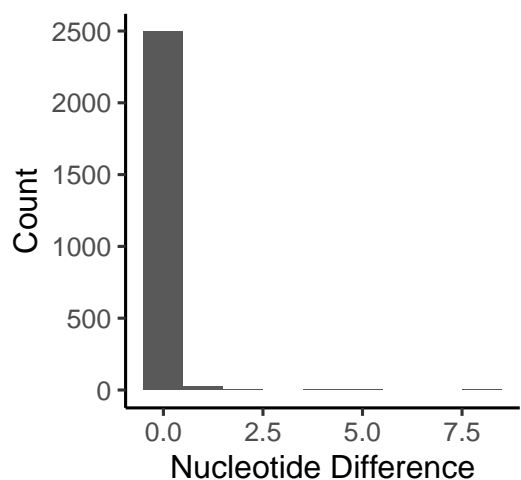
TRBV13*ap01

2474 sequences assigned
2411 (97.5%) exact matches, in which:
2358 unique CDR3
14 unique J



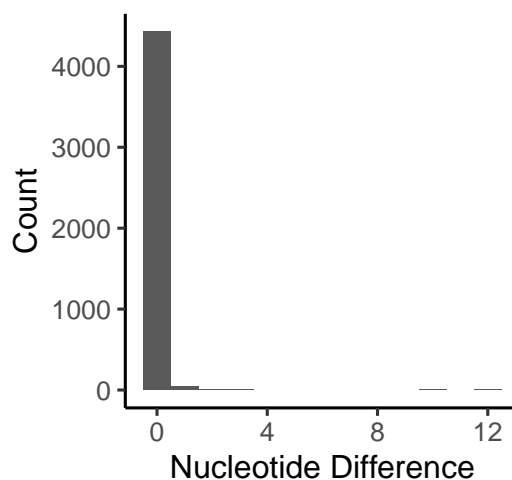
TRBV10-1*ap01

2524 sequences assigned
2495 (98.9%) exact matches, in which:
2430 unique CDR3
14 unique J



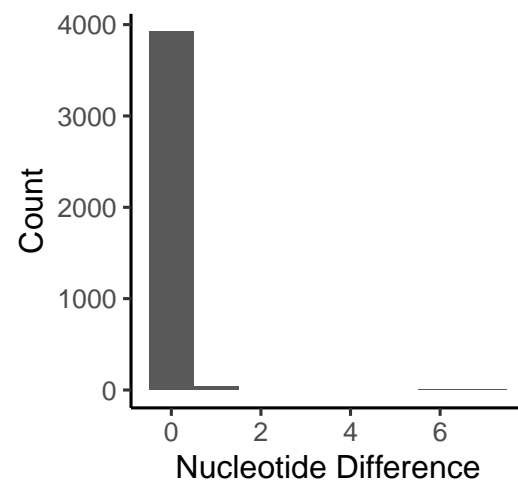
TRBV10-3*ap01

4481 sequences assigned
4428 (98.8%) exact matches, in which:
4331 unique CDR3
14 unique J



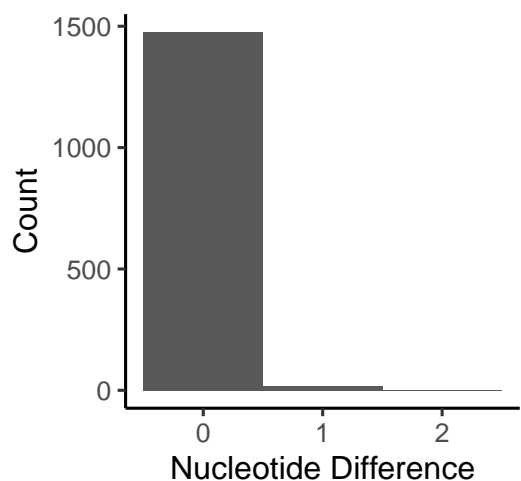
TRBV14*ap01

3960 sequences assigned
3922 (99%) exact matches, in which:
3844 unique CDR3
14 unique J



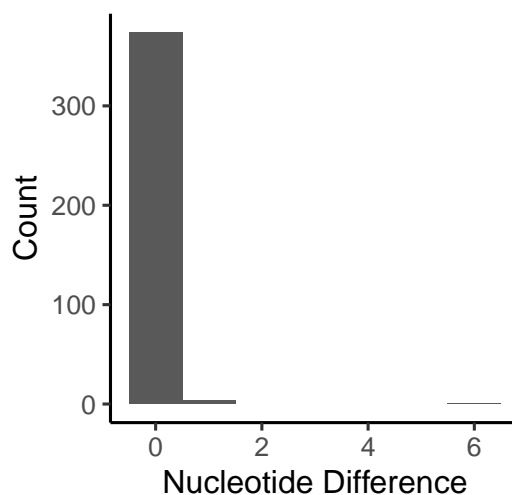
TRBV20-1*ap02

1495 sequences assigned
1476 (98.7%) exact matches, in which:
1455 unique CDR3
14 unique J



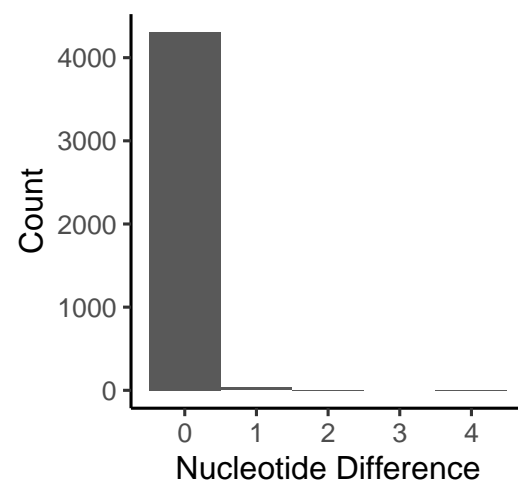
TRBV1*ap01

379 sequences assigned
374 (98.7%) exact matches, in which:
365 unique CDR3
14 unique J



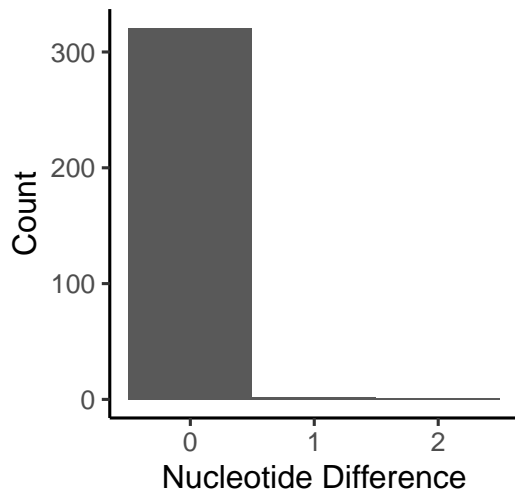
TRBV15*ap02

4344 sequences assigned
4308 (99.2%) exact matches, in which:
4241 unique CDR3
15 unique J



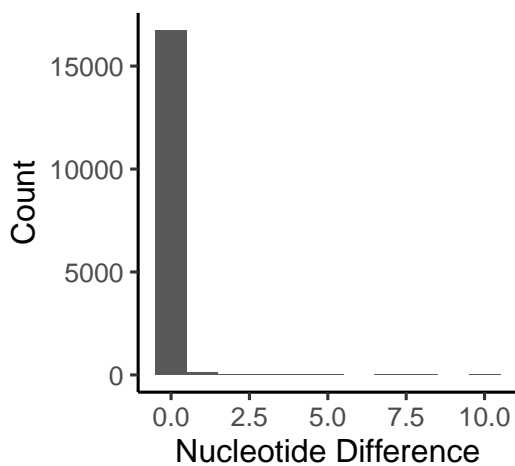
TRBV16*ap01

324 sequences assigned
321 (99.1%) exact matches, in which:
317 unique CDR3
14 unique J



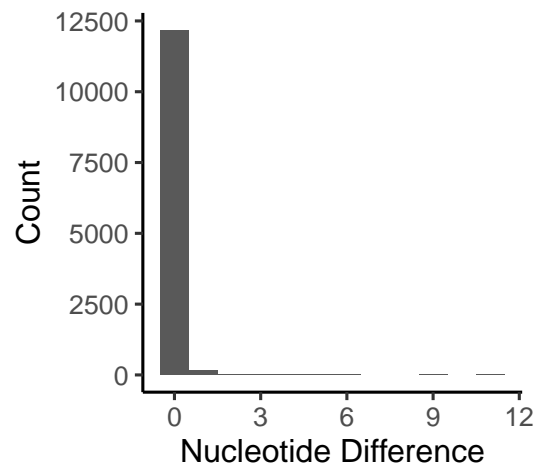
TRBV19*ap01

16915 sequences assigned
16745 (99%) exact matches, in which:
16540 unique CDR3
14 unique J



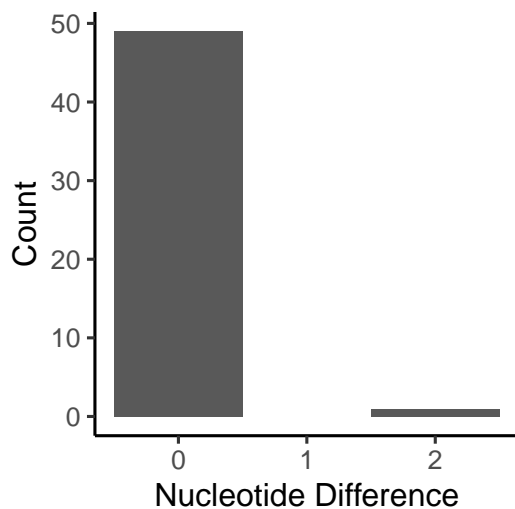
TRBV27*ap01

12335 sequences assigned
12174 (98.7%) exact matches, in which:
11907 unique CDR3
14 unique J



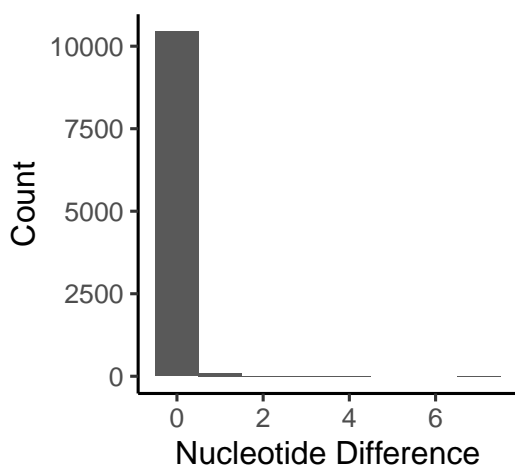
TRBV17*ap01

50 sequences assigned
49 (98%) exact matches, in which:
47 unique CDR3
12 unique J



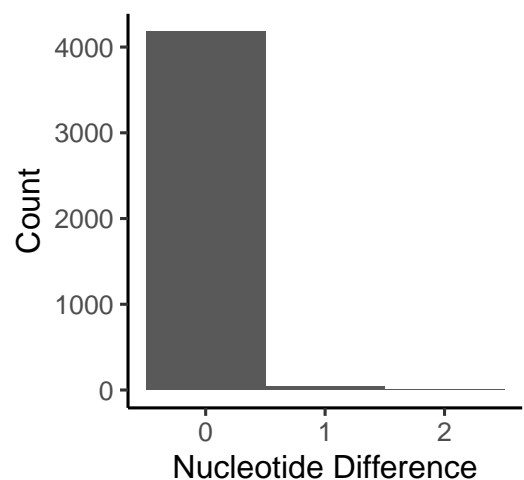
TRBV2*ap01

10559 sequences assigned
10446 (98.9%) exact matches, in which:
10288 unique CDR3
14 unique J



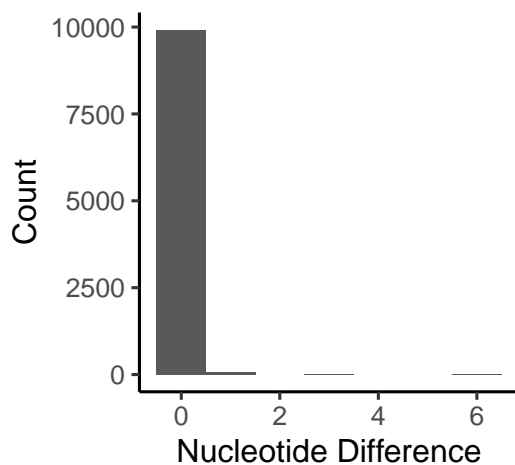
TRBV28*ap01

4217 sequences assigned
4179 (99.1%) exact matches, in which:
4084 unique CDR3
14 unique J



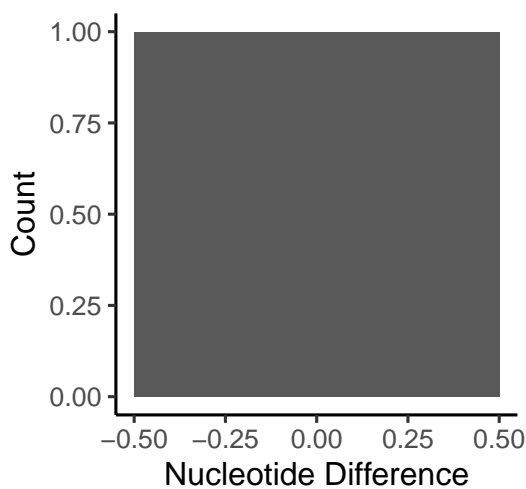
TRBV18*ap01

9989 sequences assigned
9921 (99.3%) exact matches, in which:
9783 unique CDR3
14 unique J



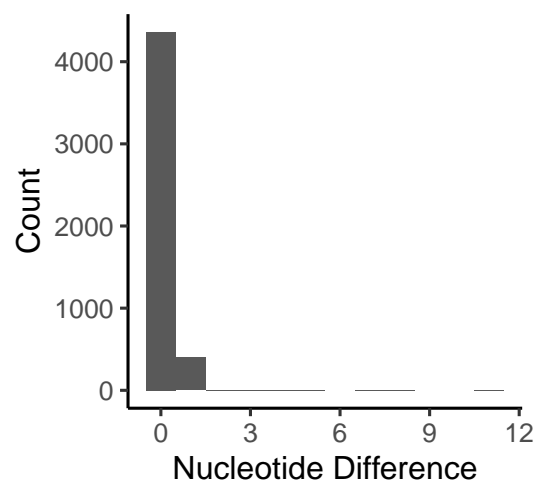
TRBV26*ap01

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



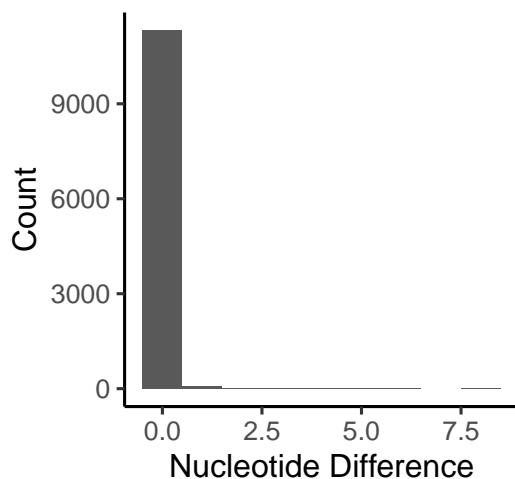
TRBV30*ap01

4771 sequences assigned
4361 (91.4%) exact matches, in which:
4285 unique CDR3
14 unique J



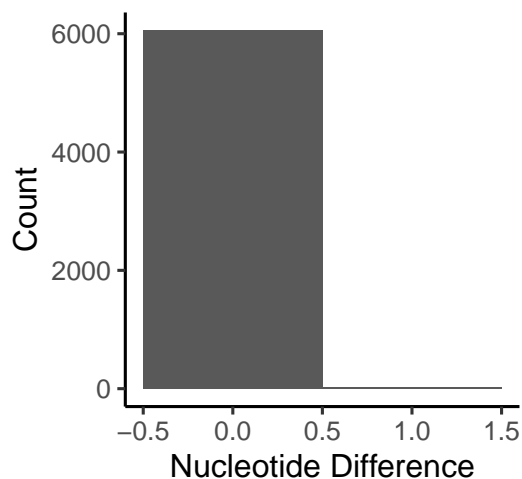
TRBV9*ap01

11414 sequences assigned
11318 (99.2%) exact matches, in which:
11164 unique CDR3
14 unique J



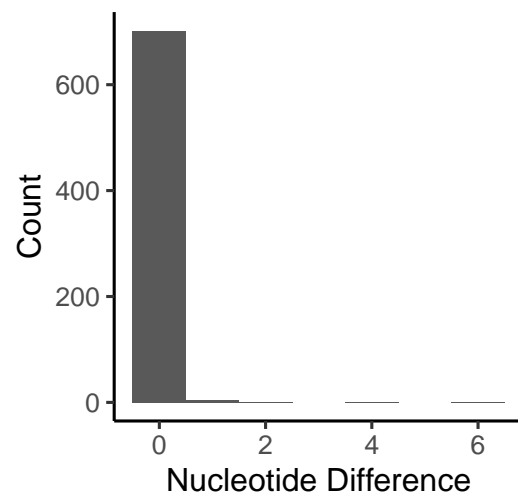
TRBV11-2*ap01

6079 sequences assigned
6056 (99.6%) exact matches, in which:
5987 unique CDR3
14 unique J



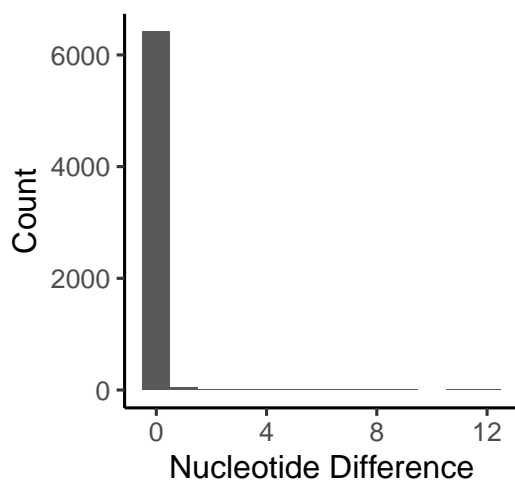
TRBV12-2*ap01

710 sequences assigned
702 (98.9%) exact matches, in which:
695 unique CDR3
14 unique J



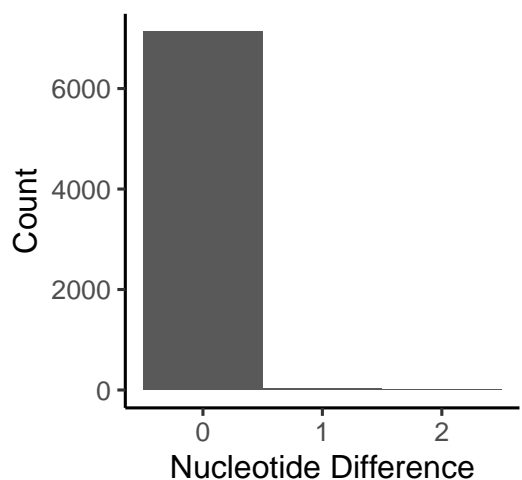
TRBV21-1*ap01

6508 sequences assigned
6416 (98.6%) exact matches, in which:
6310 unique CDR3
15 unique J



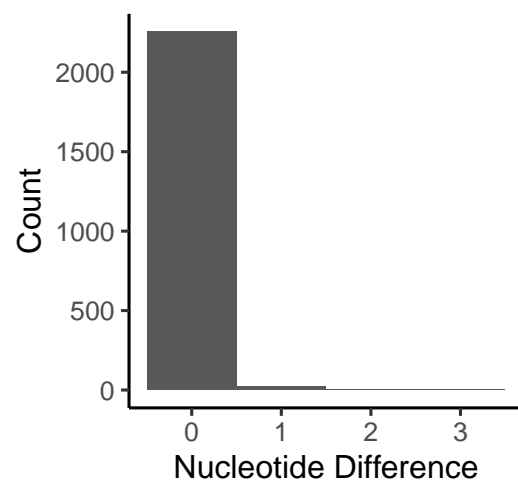
TRBV11-3*ap01

7167 sequences assigned
7131 (99.5%) exact matches, in which:
7059 unique CDR3
14 unique J



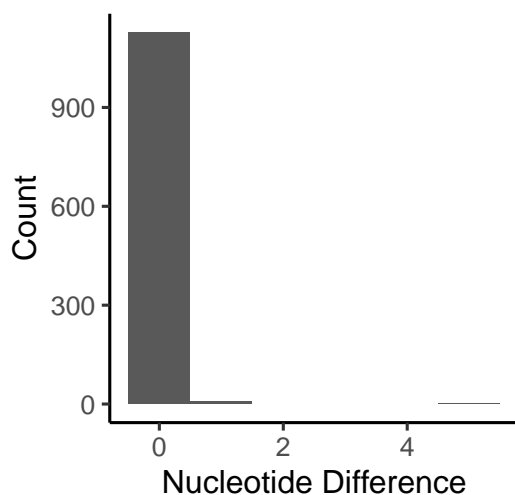
TRBV12-5*ap01

2282 sequences assigned
2255 (98.8%) exact matches, in which:
2212 unique CDR3
14 unique J



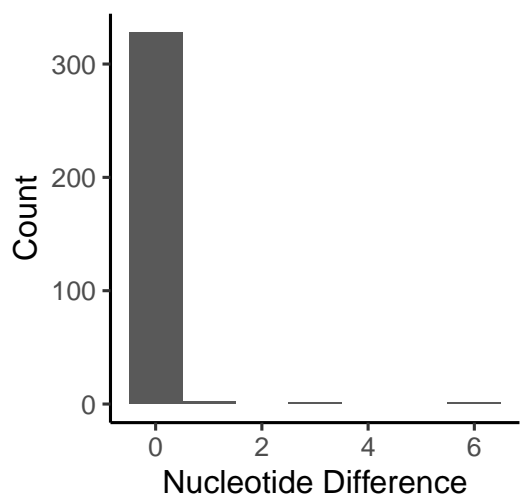
TRBV11-1*ap01

1136 sequences assigned
1128 (99.3%) exact matches, in which:
1119 unique CDR3
14 unique J



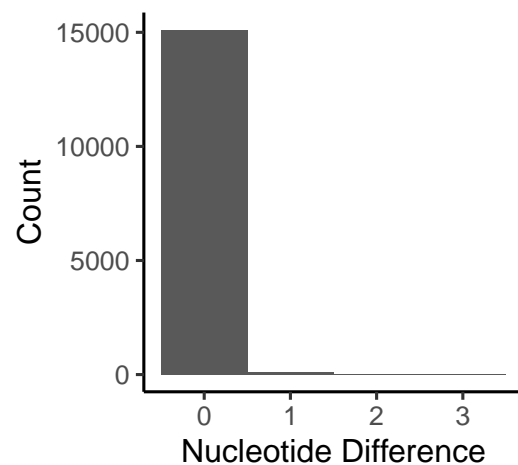
TRBV12-1*ap01

332 sequences assigned
328 (98.8%) exact matches, in which:
321 unique CDR3
14 unique J



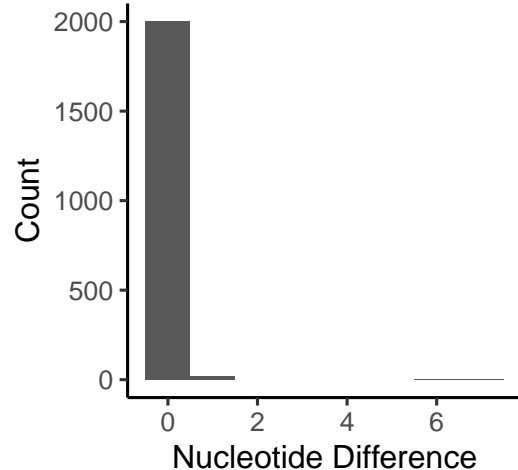
TRBV12-34*ap01

15242 sequences assigned
15111 (99.1%) exact matches, in which:
14837 unique CDR3
14 unique J



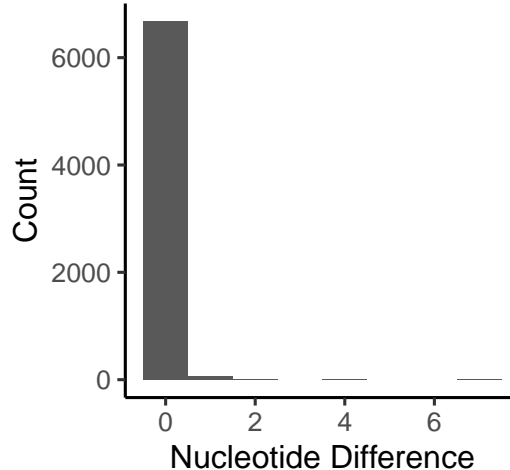
TRBV23-1*ap01

2024 sequences assigned
2001 (98.9%) exact matches, in which:
1958 unique CDR3
14 unique J



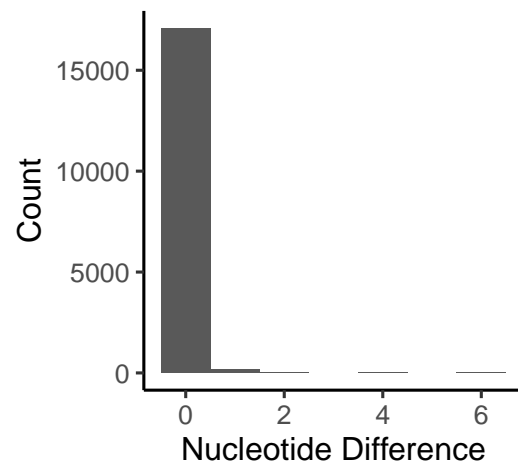
TRBV4-1*ap01

6751 sequences assigned
6675 (98.9%) exact matches, in which:
6568 unique CDR3
14 unique J



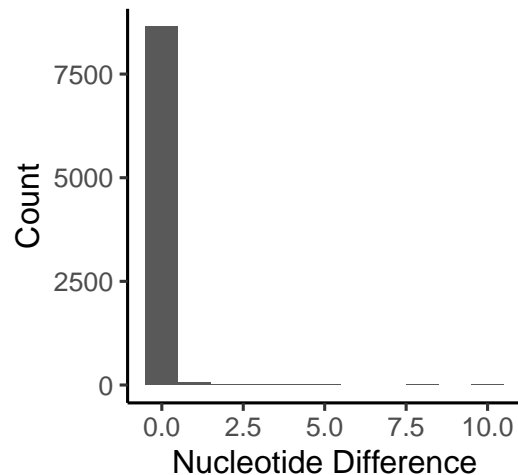
TRBV5-1*ap01

17248 sequences assigned
17087 (99.1%) exact matches, in which:
16760 unique CDR3
14 unique J



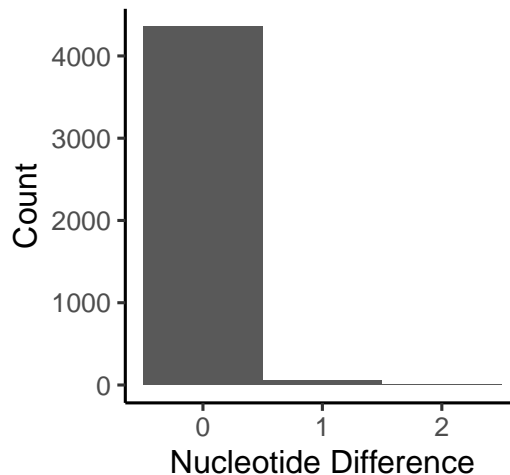
TRBV3-12*ap01

8713 sequences assigned
8642 (99.2%) exact matches, in which:
8543 unique CDR3
14 unique J



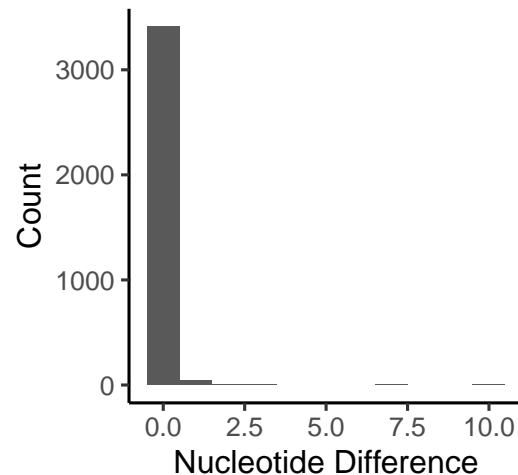
TRBV4-2*ap01

4411 sequences assigned
4355 (98.7%) exact matches, in which:
4291 unique CDR3
14 unique J



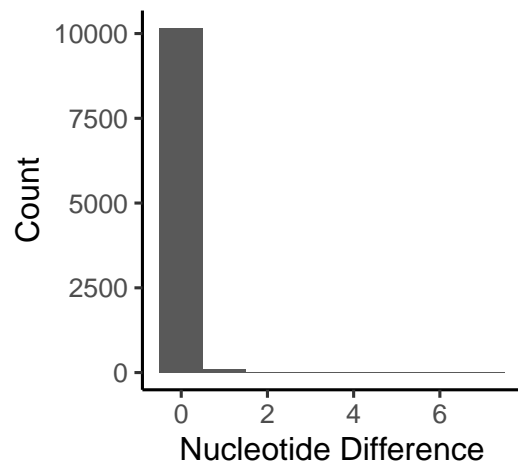
TRBV25-1*ap01

3456 sequences assigned
3410 (98.7%) exact matches, in which:
3360 unique CDR3
14 unique J



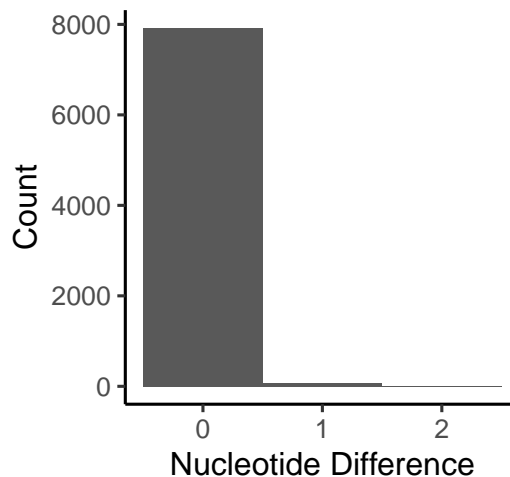
TRBV24-1*ap01

10295 sequences assigned
10170 (98.8%) exact matches, in which:
10038 unique CDR3
14 unique J



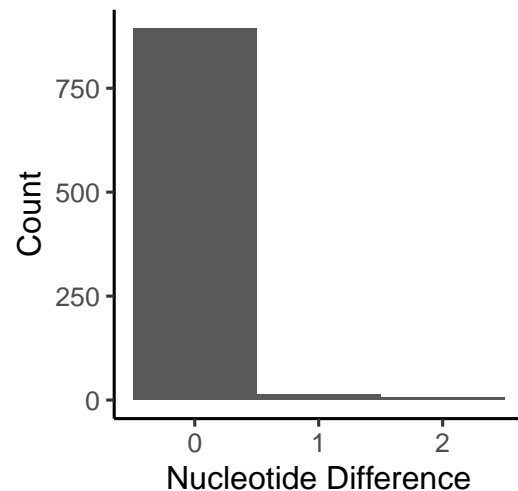
TRBV4-3*ap01

7997 sequences assigned
7919 (99%) exact matches, in which:
7769 unique CDR3
14 unique J



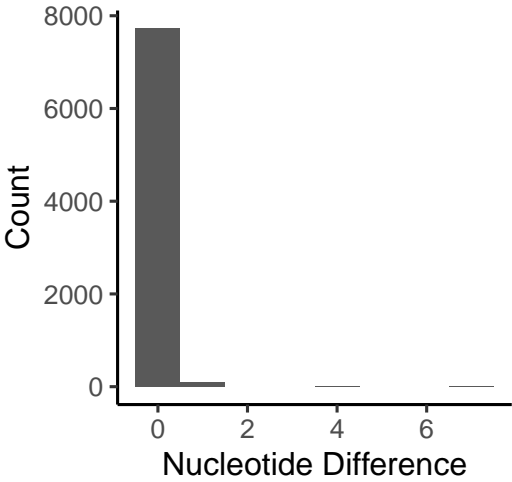
TRBV5-3*ap01

914 sequences assigned
894 (97.8%) exact matches, in which:
872 unique CDR3
14 unique J



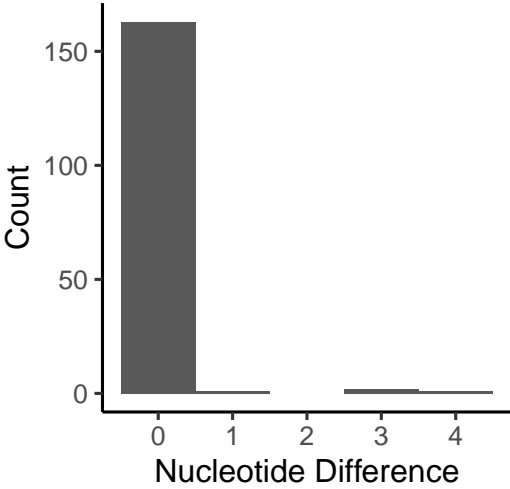
TRBV5-4*ap01

7826 sequences assigned
7727 (98.7%) exact matches, in which:
7591 unique CDR3
14 unique J



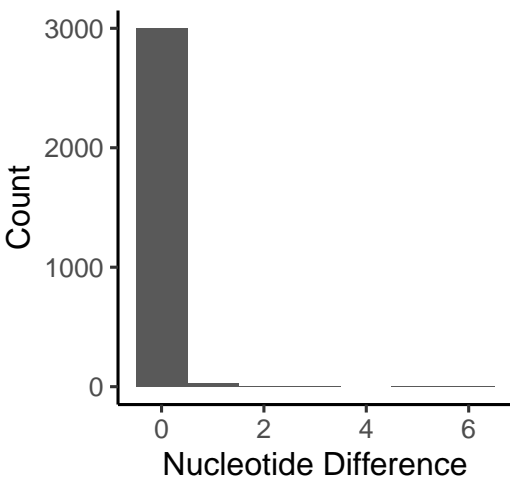
TRBV5-7*ap01

167 sequences assigned
163 (97.6%) exact matches, in which:
159 unique CDR3
14 unique J



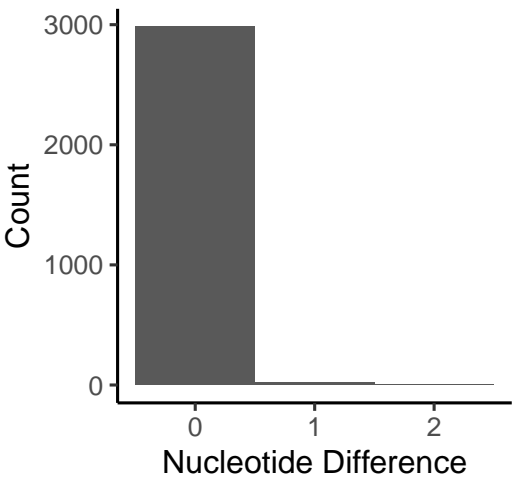
TRBV6-4*ap01

3045 sequences assigned
2999 (98.5%) exact matches, in which:
2937 unique CDR3
14 unique J



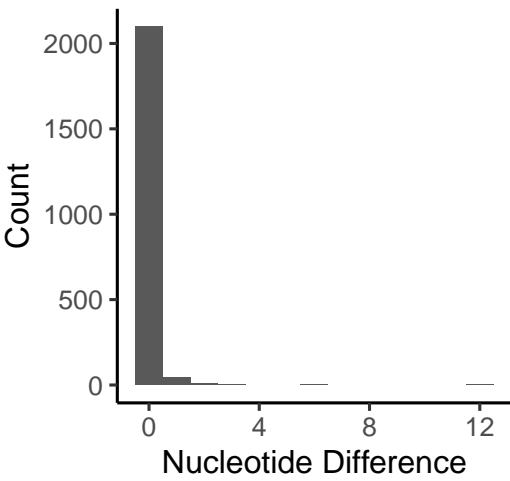
TRBV5-5*ap01

3004 sequences assigned
2983 (99.3%) exact matches, in which:
2945 unique CDR3
14 unique J



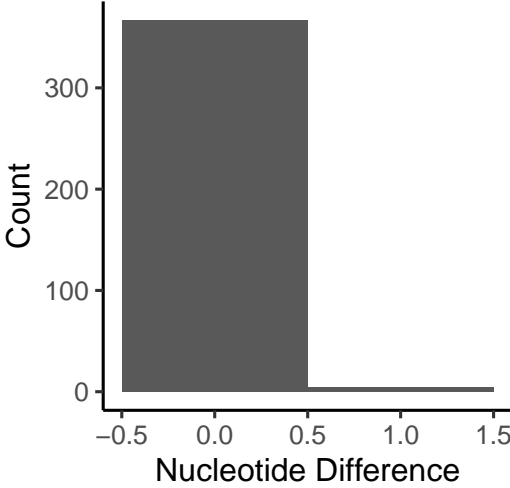
TRBV5-8*ap01

2148 sequences assigned
2098 (97.7%) exact matches, in which:
2055 unique CDR3
14 unique J



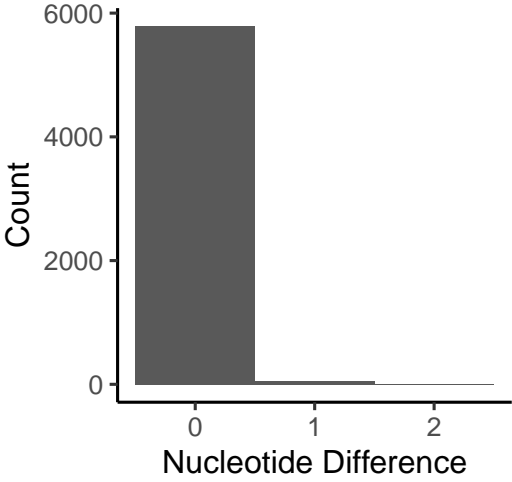
TRBV6-7*ap01

371 sequences assigned
367 (98.9%) exact matches, in which:
363 unique CDR3
14 unique J



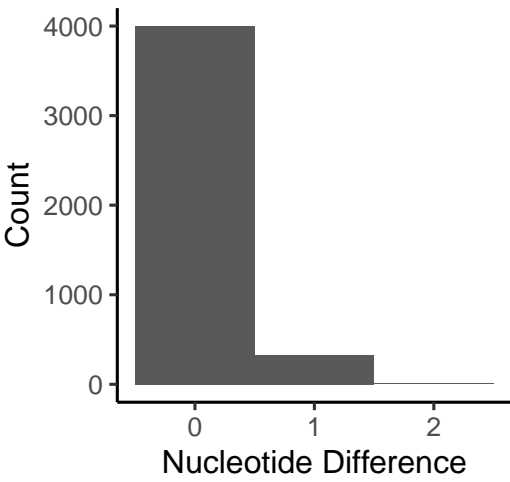
TRBV5-6*ap01

5846 sequences assigned
5791 (99.1%) exact matches, in which:
5660 unique CDR3
14 unique J



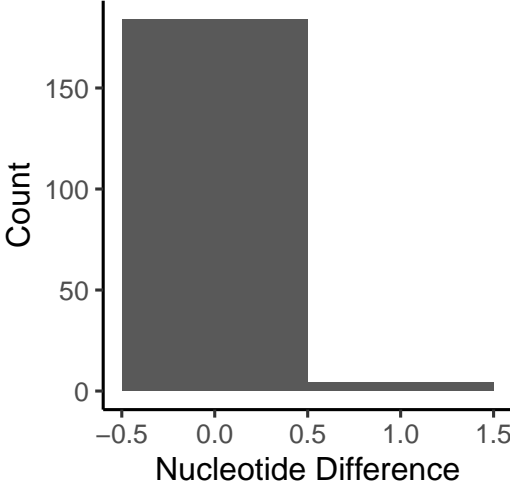
TRBV6-1*ap01

4332 sequences assigned
4000 (92.3%) exact matches, in which:
3920 unique CDR3
14 unique J



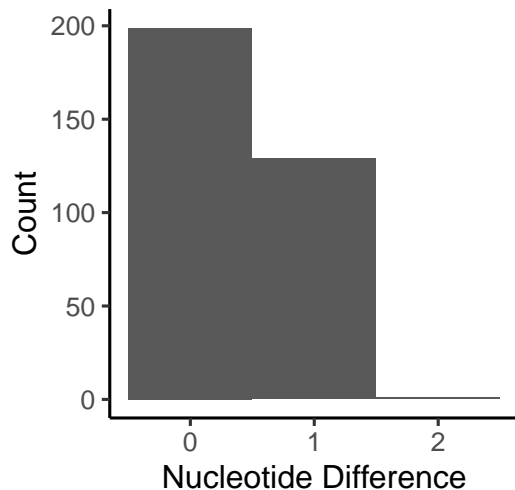
TRBV6-8*ap01

188 sequences assigned
184 (97.9%) exact matches, in which:
178 unique CDR3
14 unique J



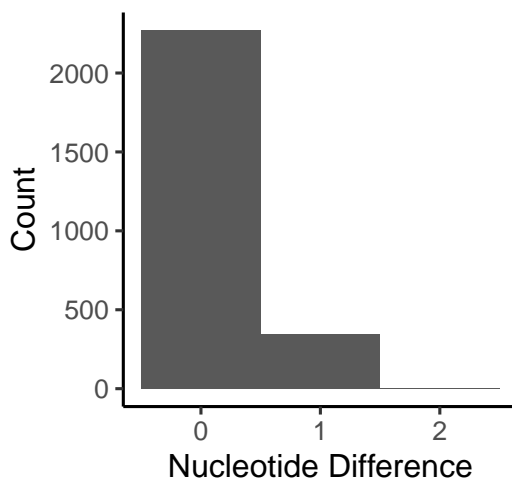
TRBV6–9*ap01

329 sequences assigned
199 (60.5%) exact matches, in which:
193 unique CDR3
14 unique J



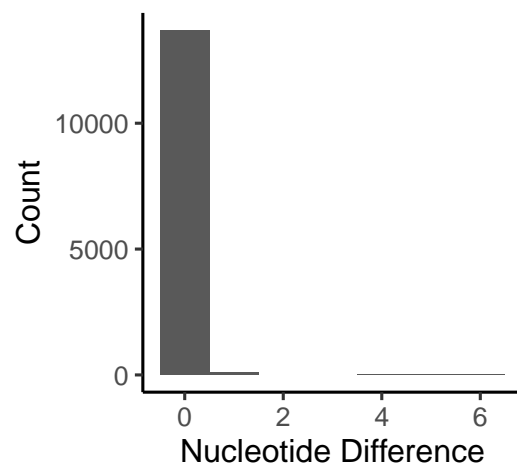
TRBV6–56*ap02

2615 sequences assigned
2270 (86.8%) exact matches, in which:
2229 unique CDR3
14 unique J



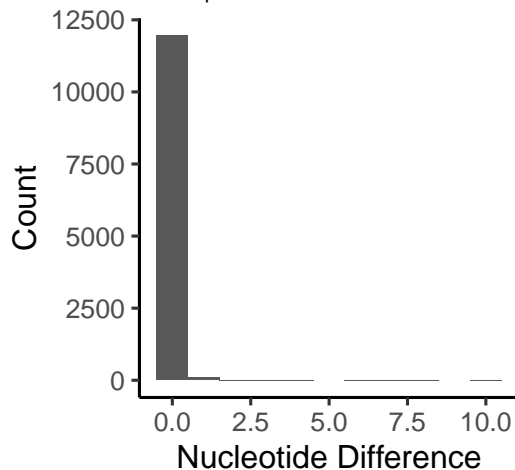
TRBV7–2*ap01

13797 sequences assigned
13697 (99.3%) exact matches, in which:
13459 unique CDR3
14 unique J



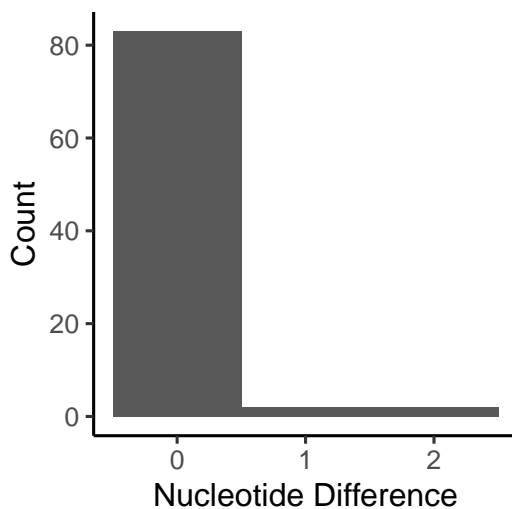
TRBV6–23*ap01

12075 sequences assigned
11957 (99%) exact matches, in which:
11697 unique CDR3
15 unique J



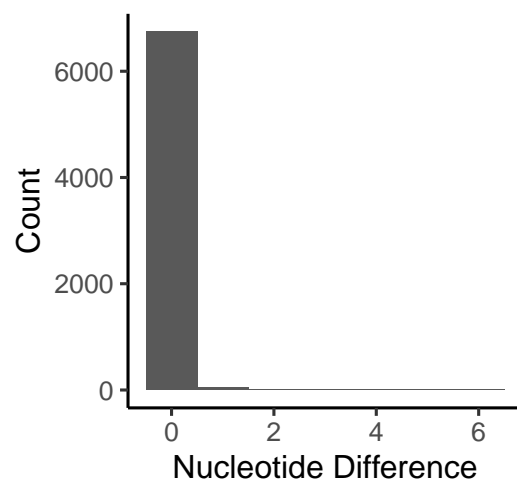
TRBV7–1*ap01_G291C_T

87 sequences assigned
83 (95.4%) exact matches, in which:
83 unique CDR3
13 unique J



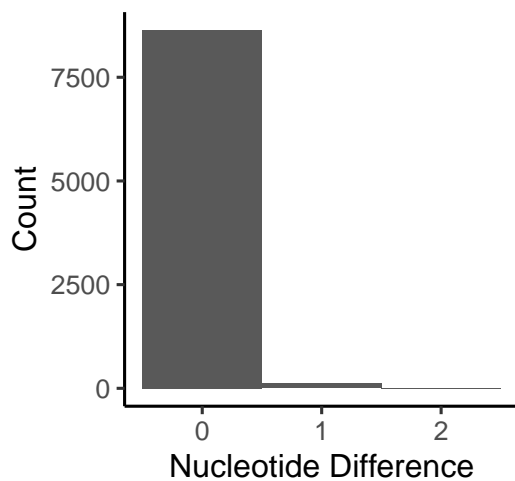
TRBV7–3*ap01

6803 sequences assigned
6744 (99.1%) exact matches, in which:
6649 unique CDR3
14 unique J



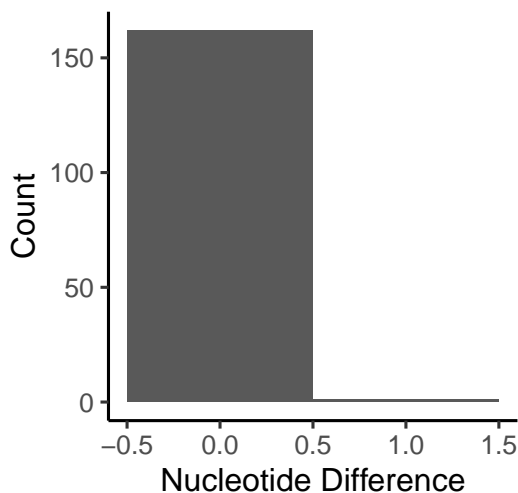
TRBV6–56*ap01

8760 sequences assigned
8639 (98.6%) exact matches, in which:
8472 unique CDR3
14 unique J



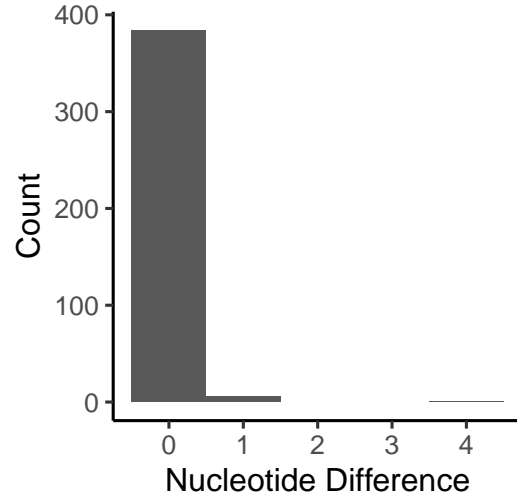
TRBV7–1*ap01_G291C_

163 sequences assigned
162 (99.4%) exact matches, in which:
159 unique CDR3
12 unique J



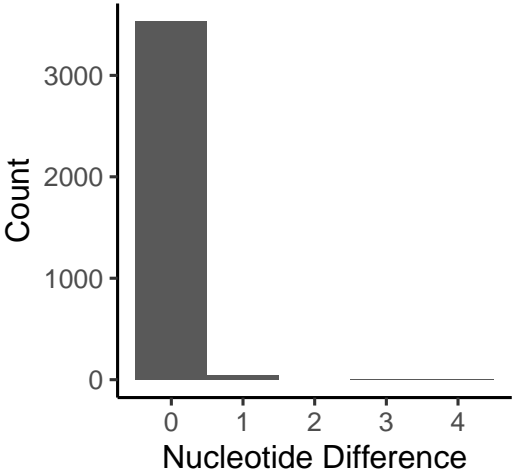
TRBV7–4*ap01

391 sequences assigned
384 (98.2%) exact matches, in which:
372 unique CDR3
14 unique J



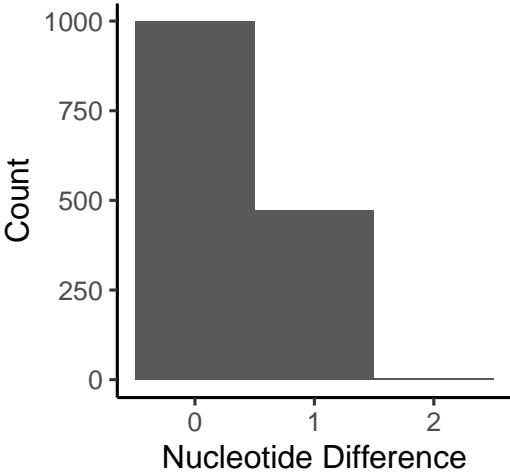
TRBV7-6*ap01

3580 sequences assigned
3532 (98.7%) exact matches, in which:
3468 unique CDR3
14 unique J



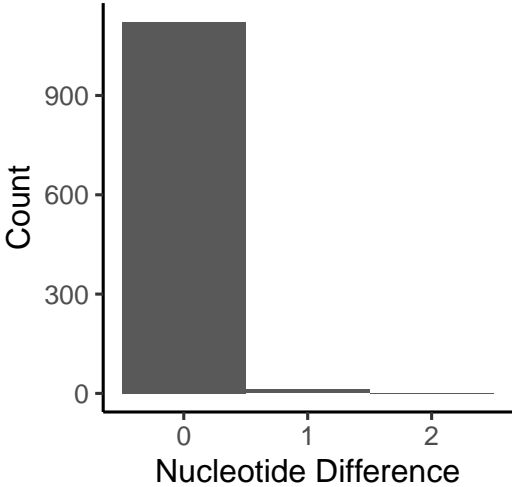
TRBV7-8*ap03

1477 sequences assigned
999 (67.6%) exact matches, in which:
982 unique CDR3
14 unique J



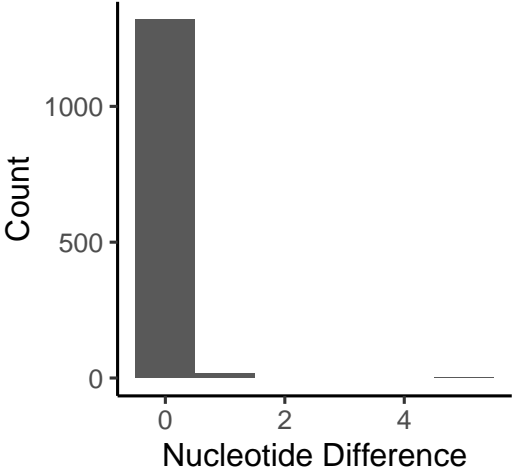
TRBV29-1*ap02

1136 sequences assigned
1123 (98.9%) exact matches, in which:
1109 unique CDR3
14 unique J



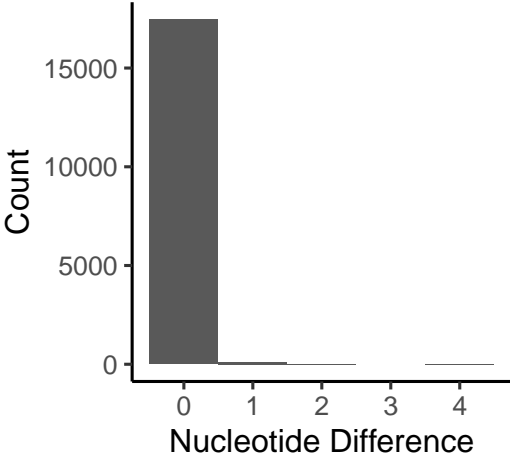
TRBV7-7*ap01_C315T

1335 sequences assigned
1319 (98.8%) exact matches, in which:
1284 unique CDR3
14 unique J



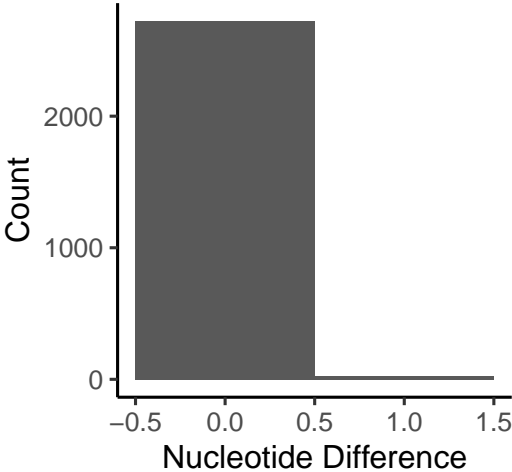
TRBV7-9*ap01

17591 sequences assigned
17460 (99.3%) exact matches, in which:
17238 unique CDR3
14 unique J



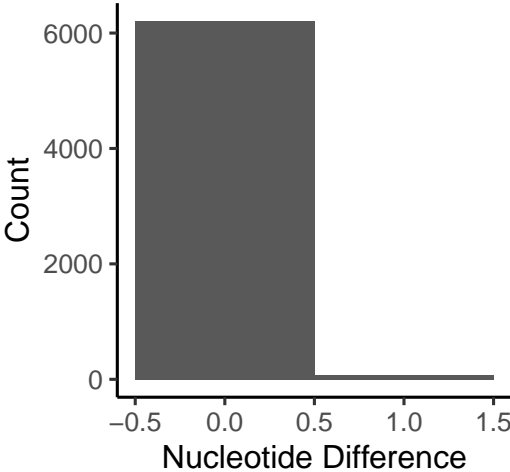
TRBV7-8*ap01

2750 sequences assigned
2723 (99%) exact matches, in which:
2657 unique CDR3
14 unique J

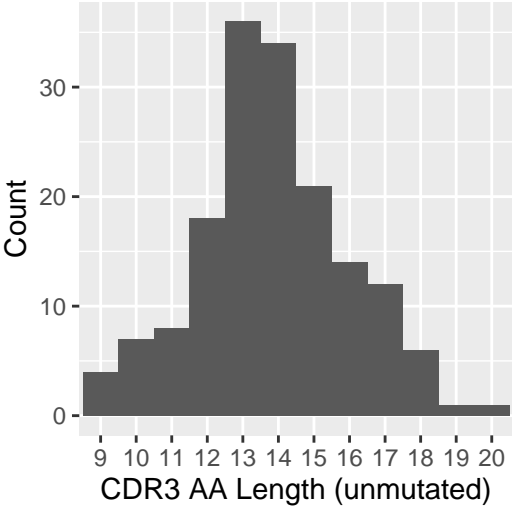


TRBV29-1*ap01

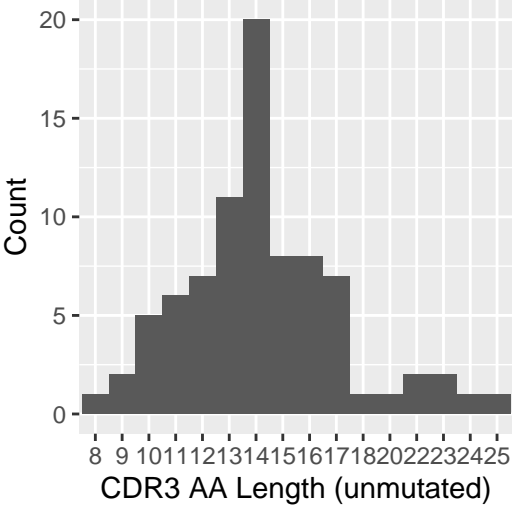
6280 sequences assigned
6208 (98.9%) exact matches, in which:
6133 unique CDR3
14 unique J



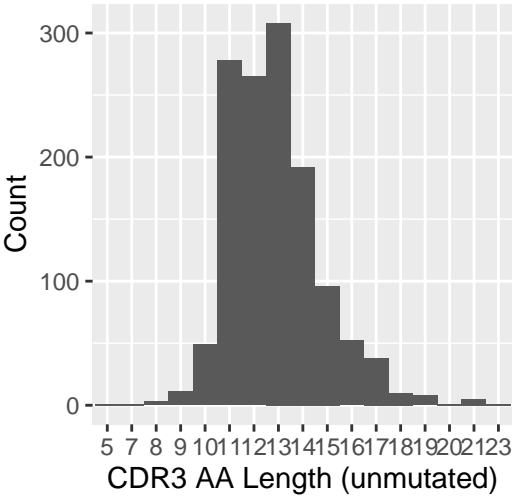
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Sequence Count by TRBJ2-7 allele usage

