

Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-8*ap03_C297A



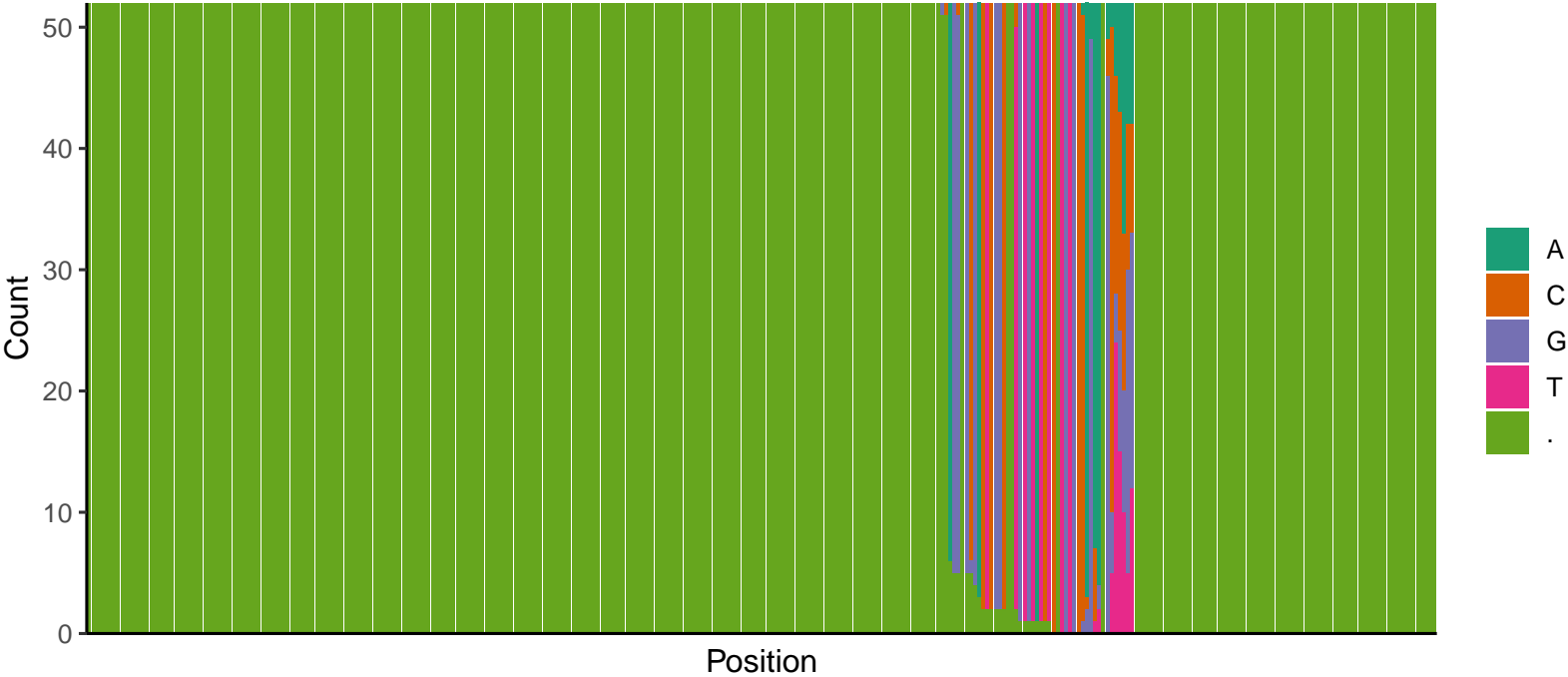
Gene TRBV7-1*ap01_G291C_T296C_C314T



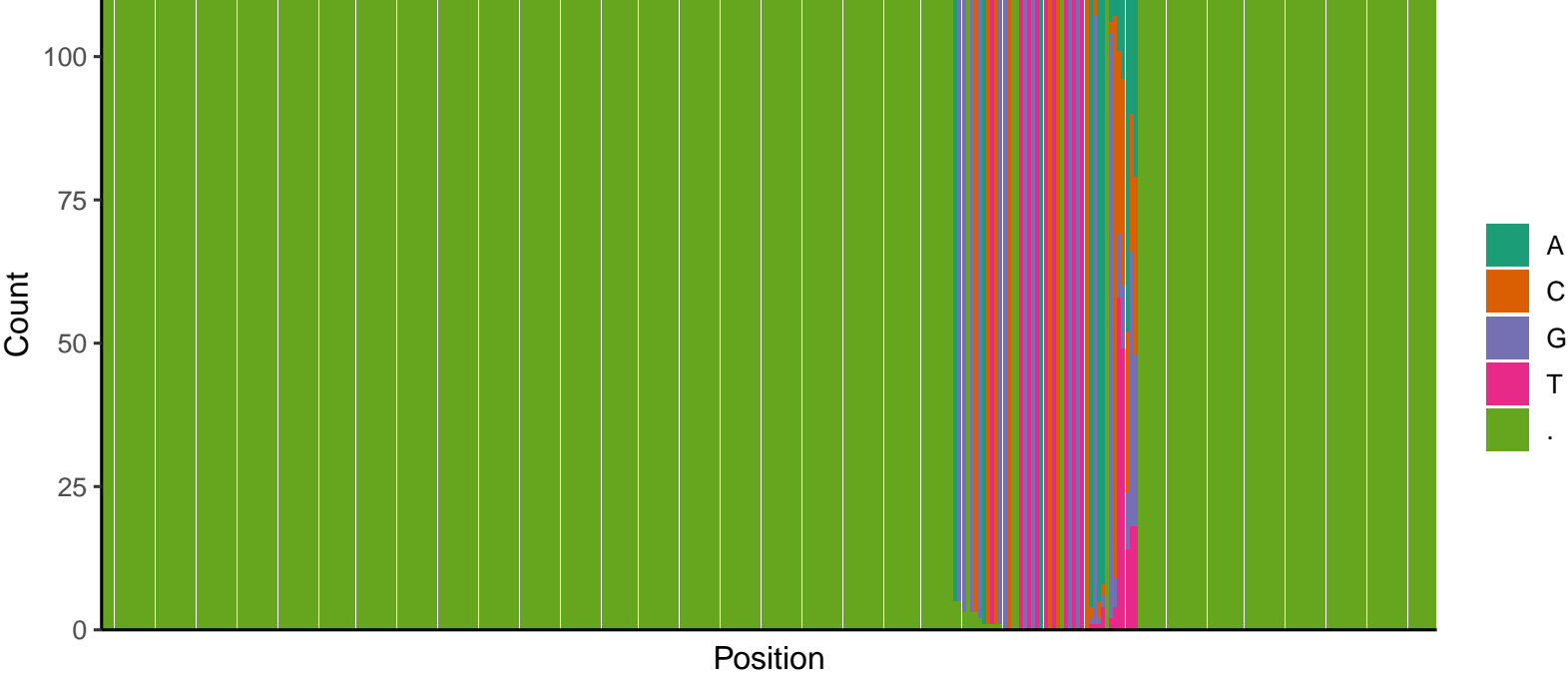
Gene TRBV7-2*ap01_G297A



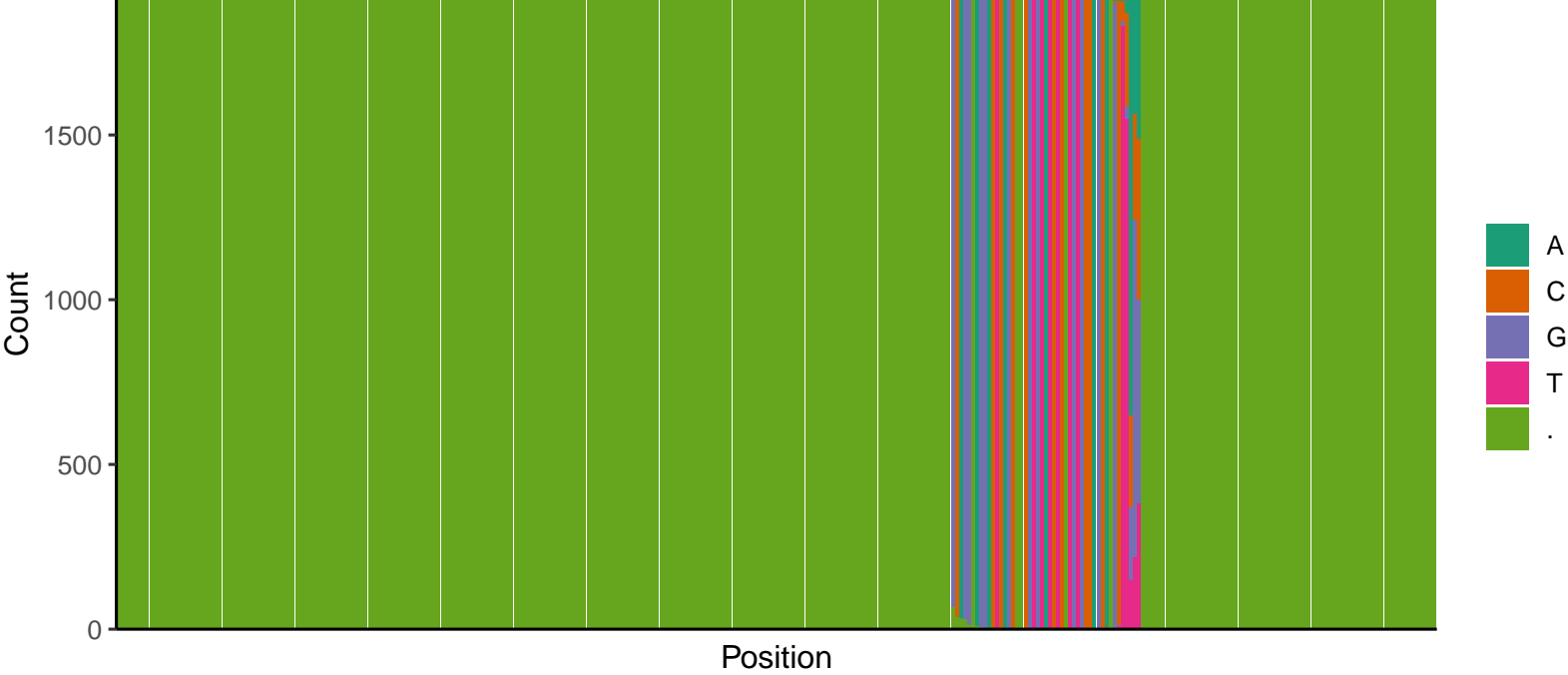
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-1*ap01_G291C_T296C_C314T



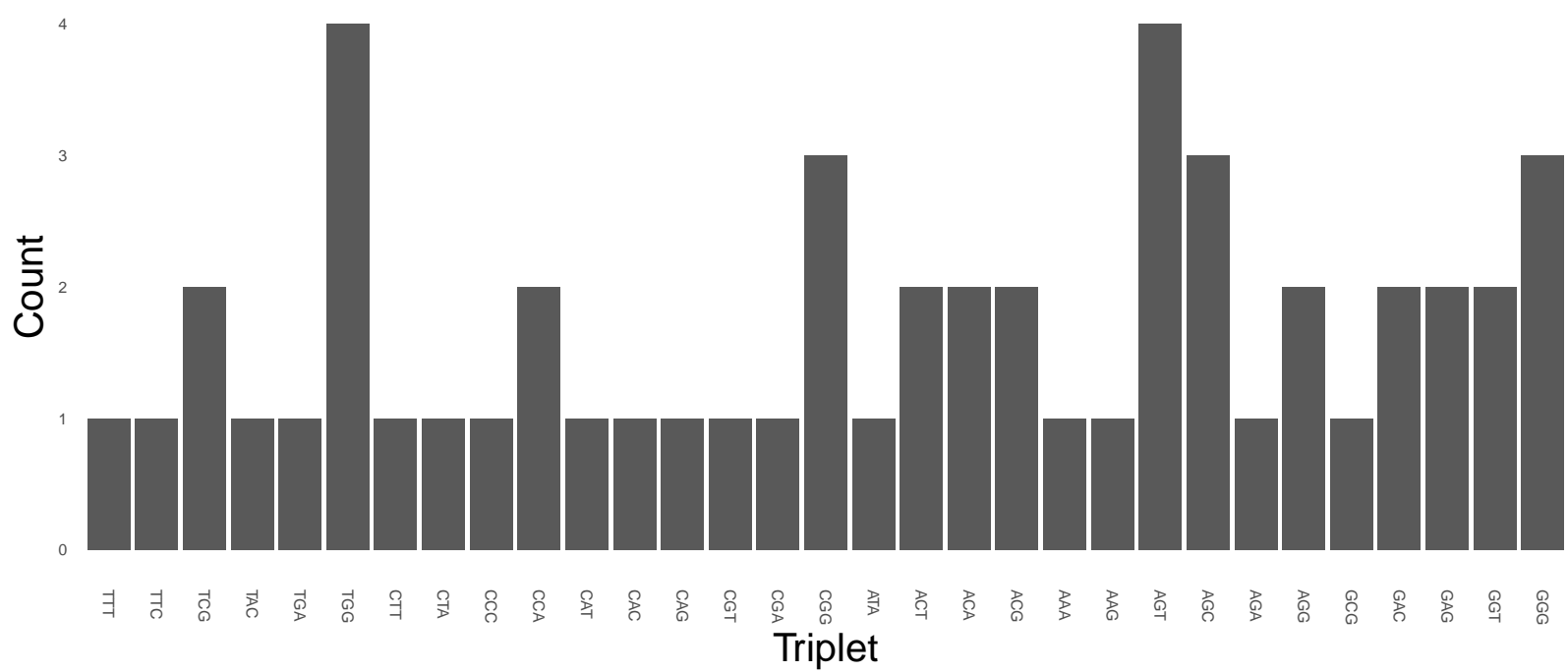
Gene TRBV7-2*ap01_G297A



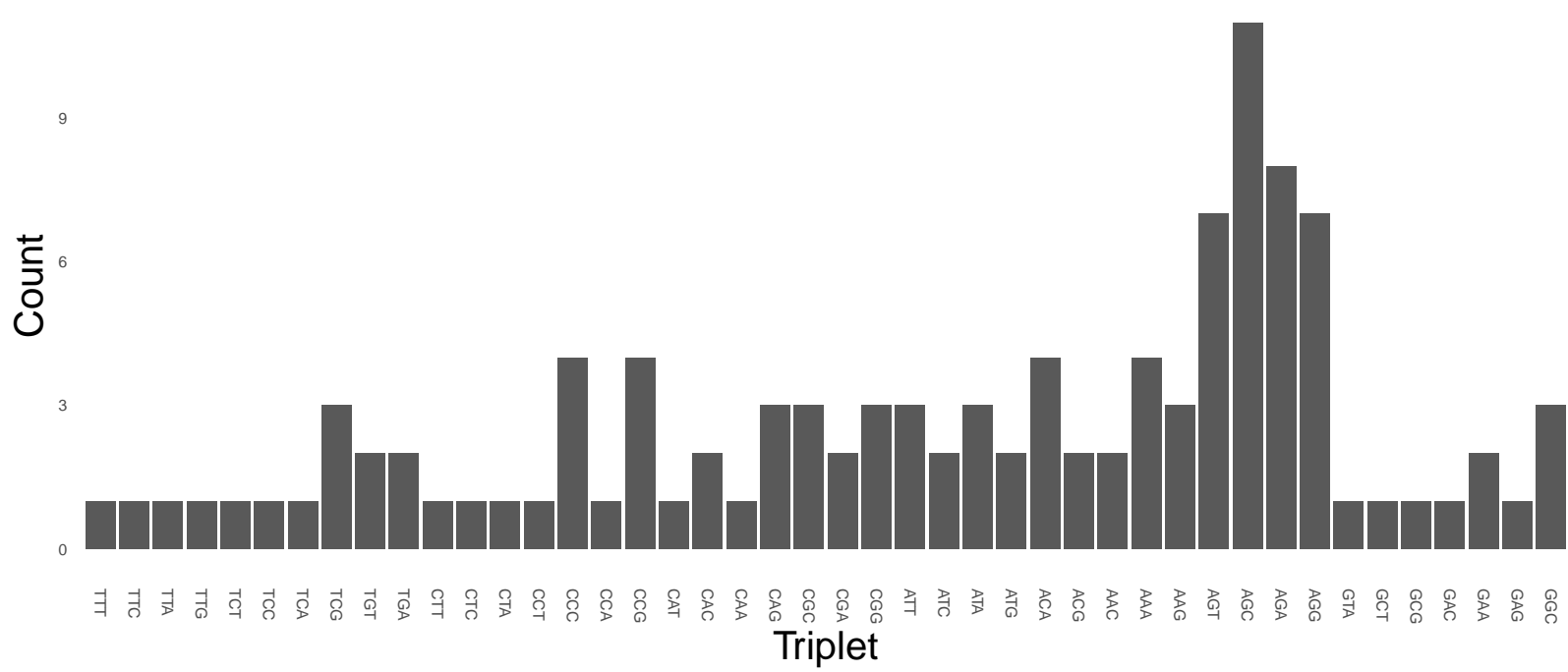
Gene TRBV7-8*ap03_C297A



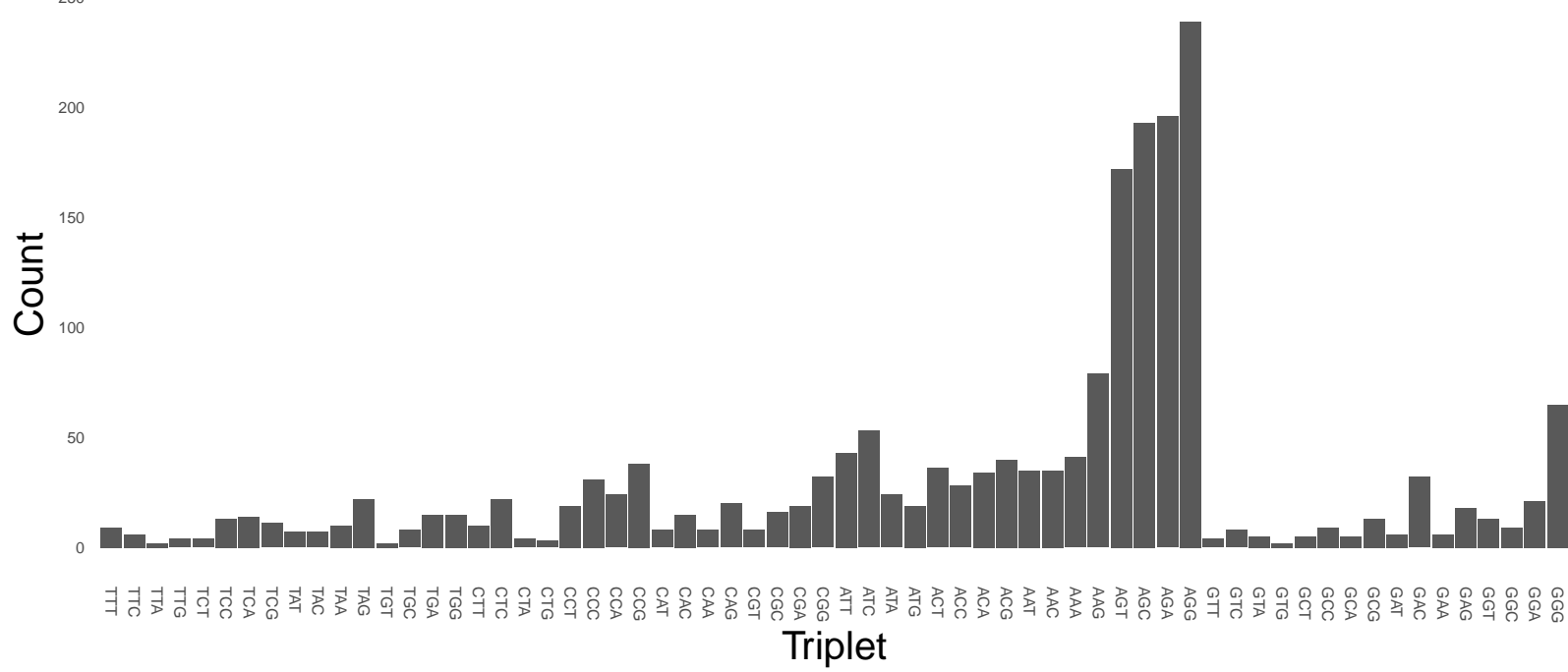
TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



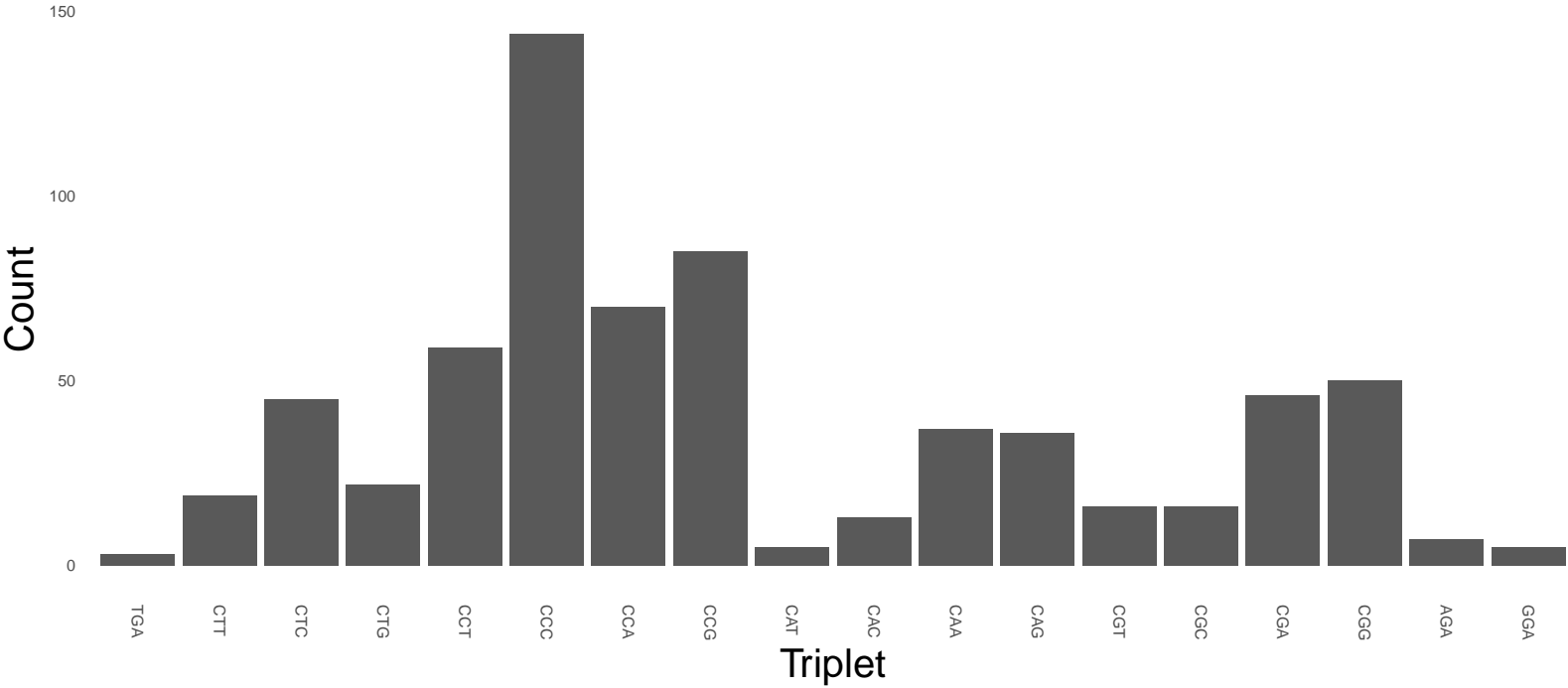
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



TRBV7-2*ap01_G297A- Final 3 nucleotides as a triplet

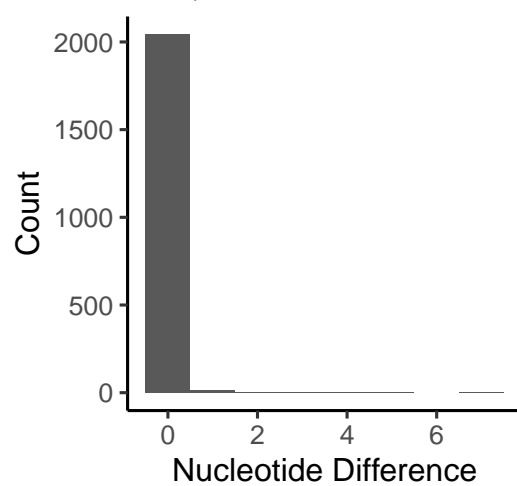


TRBV7-8*ap03_C297A- Final 3 nucleotides as a triplet



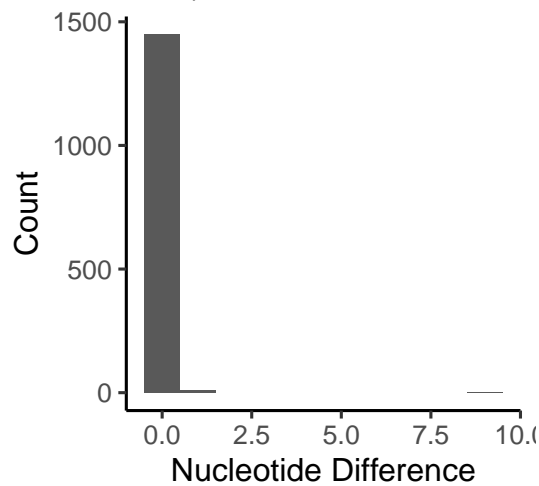
TRBV10-1*ap01

2068 sequences assigned
2043 (98.8%) exact matches, in which:
1983 unique CDR3
13 unique J



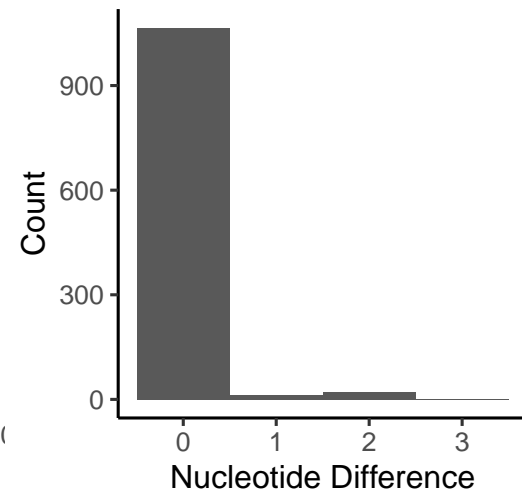
TRBV10-2*ap01

1459 sequences assigned
1449 (99.3%) exact matches, in which:
1428 unique CDR3
13 unique J



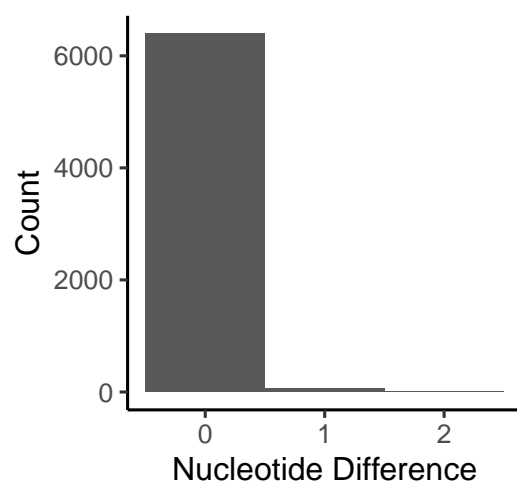
TRBV13*ap01

1102 sequences assigned
1066 (96.7%) exact matches, in which:
1028 unique CDR3
13 unique J



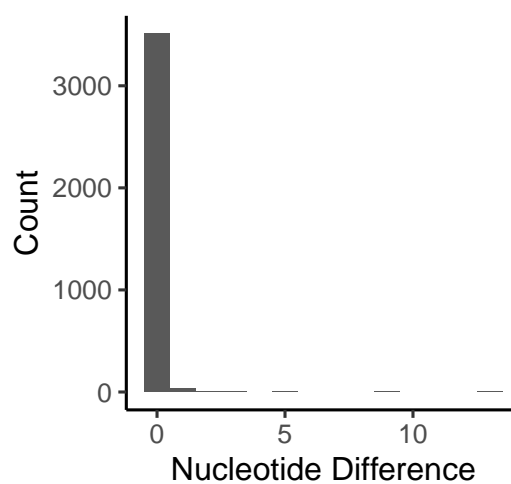
TRBV20-1*ap01

6459 sequences assigned
6394 (99%) exact matches, in which:
6310 unique CDR3
13 unique J



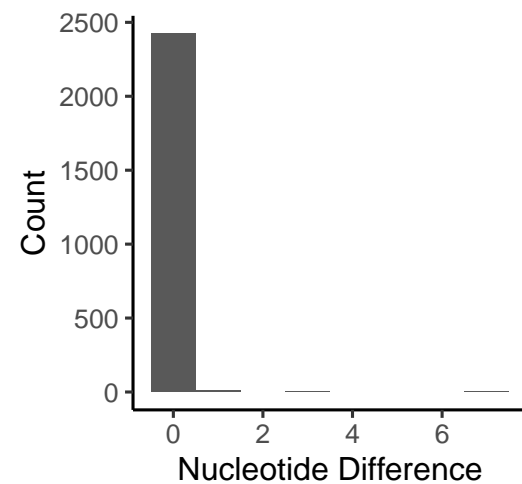
TRBV10-3*ap01

3550 sequences assigned
3510 (98.9%) exact matches, in which:
3445 unique CDR3
13 unique J



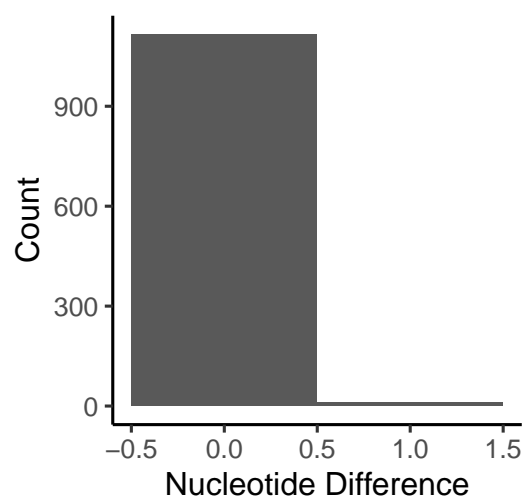
TRBV14*ap01

2436 sequences assigned
2423 (99.5%) exact matches, in which:
2392 unique CDR3
13 unique J



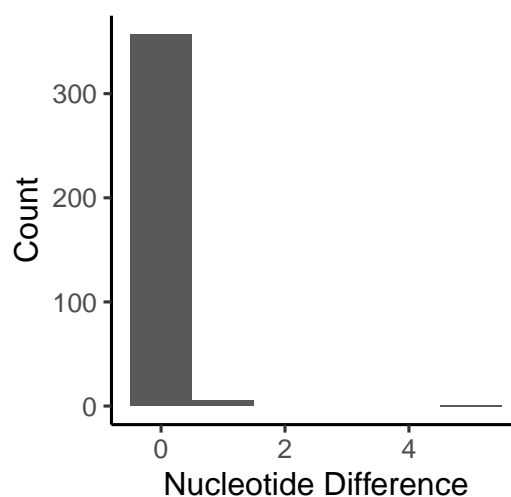
TRBV20-1*ap02

1126 sequences assigned
1116 (99.1%) exact matches, in which:
1099 unique CDR3
13 unique J



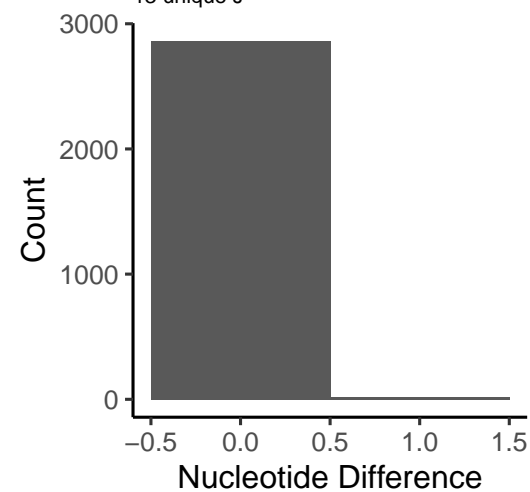
TRBV1*ap01

363 sequences assigned
357 (98.3%) exact matches, in which:
349 unique CDR3
13 unique J



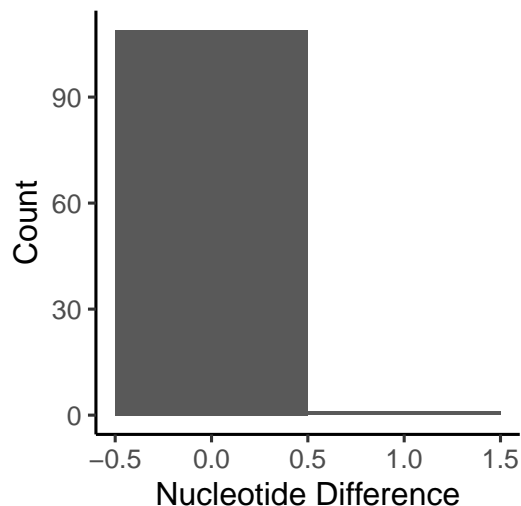
TRBV15*ap02

2880 sequences assigned
2862 (99.4%) exact matches, in which:
2810 unique CDR3
13 unique J



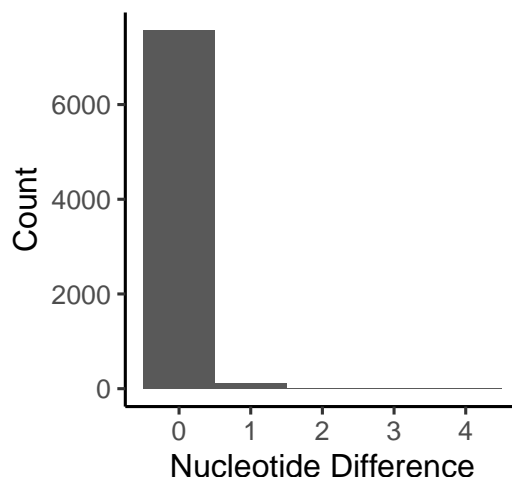
TRBV16*ap01

110 sequences assigned
109 (99.1%) exact matches, in which:
108 unique CDR3
13 unique J



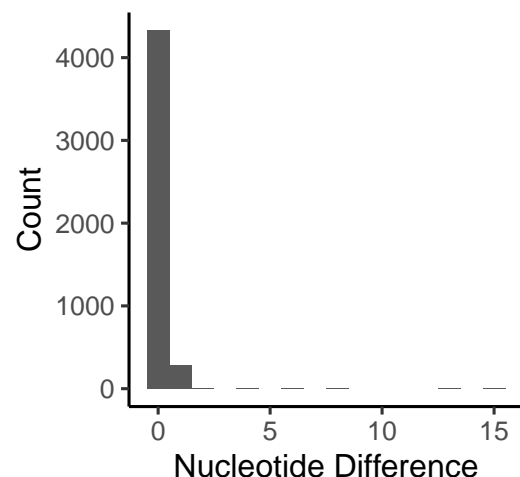
TRBV2*ap01

7680 sequences assigned
7566 (98.5%) exact matches, in which:
7386 unique CDR3
13 unique J



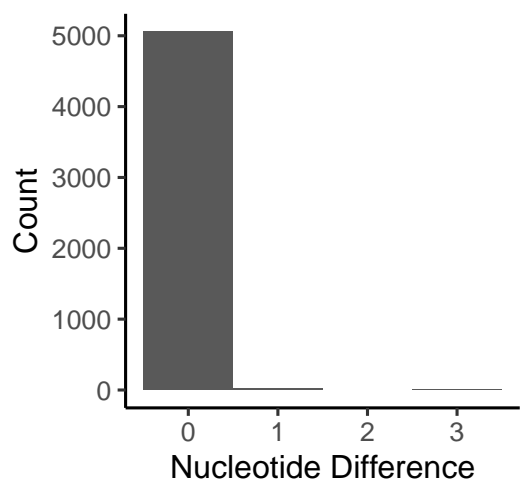
TRBV30*ap01

4620 sequences assigned
4329 (93.7%) exact matches, in which:
4245 unique CDR3
13 unique J



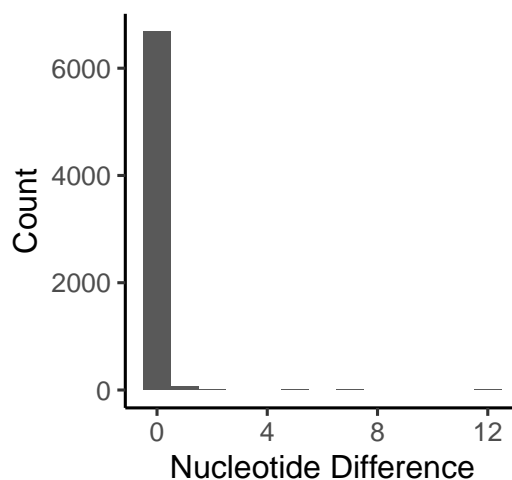
TRBV18*ap01

5078 sequences assigned
5057 (99.6%) exact matches, in which:
5017 unique CDR3
13 unique J



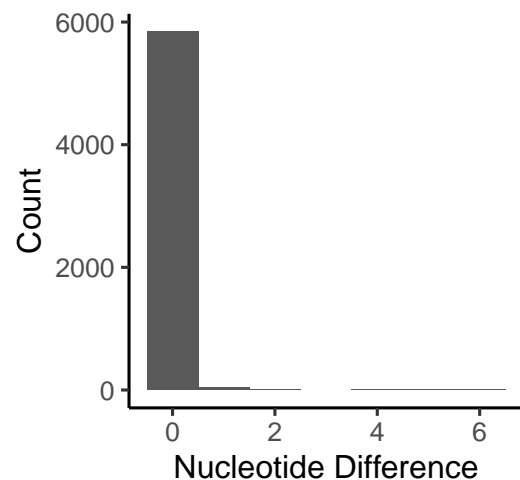
TRBV27*ap01

6745 sequences assigned
6680 (99%) exact matches, in which:
6515 unique CDR3
13 unique J



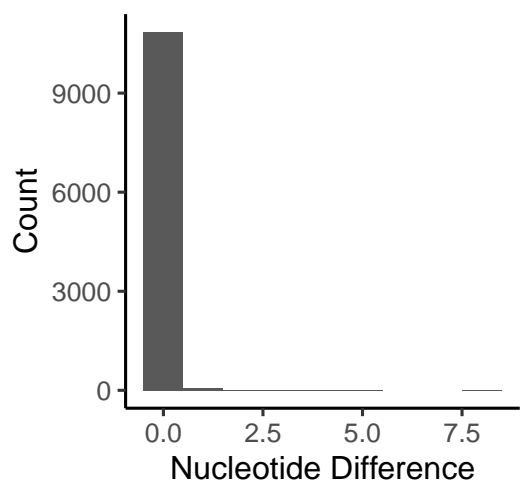
TRBV9*ap01

5892 sequences assigned
5842 (99.2%) exact matches, in which:
5741 unique CDR3
13 unique J



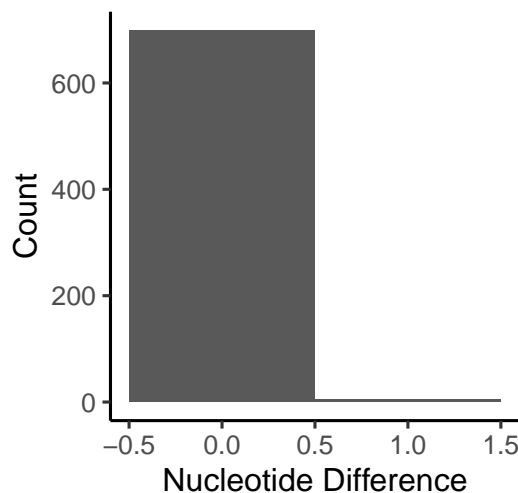
TRBV19*ap01

10923 sequences assigned
10849 (99.3%) exact matches, in which:
10772 unique CDR3
13 unique J



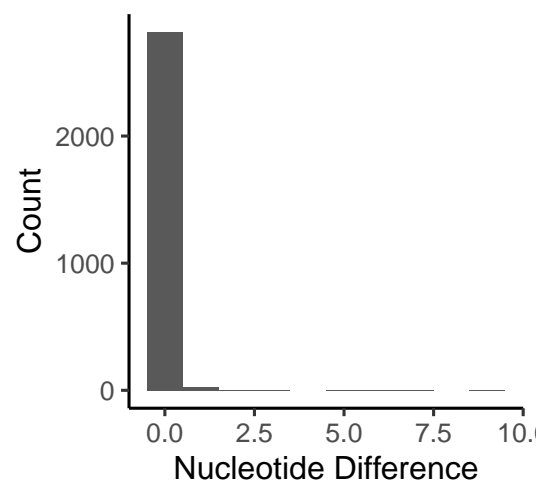
TRBV28*ap01

704 sequences assigned
699 (99.3%) exact matches, in which:
688 unique CDR3
13 unique J



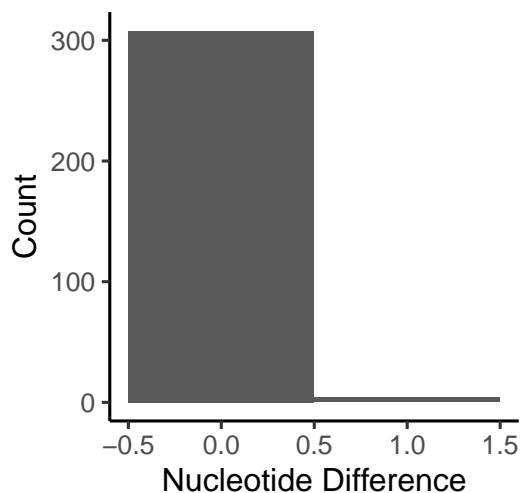
TRBV21-1*ap01

2855 sequences assigned
2818 (98.7%) exact matches, in which:
2784 unique CDR3
13 unique J



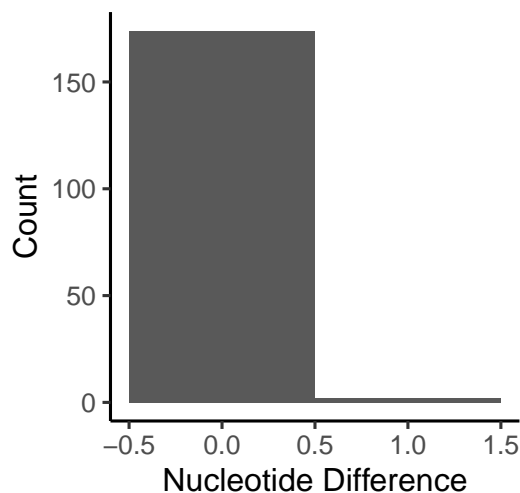
TRBV11-1*ap01

312 sequences assigned
308 (98.7%) exact matches, in which:
305 unique CDR3
13 unique J



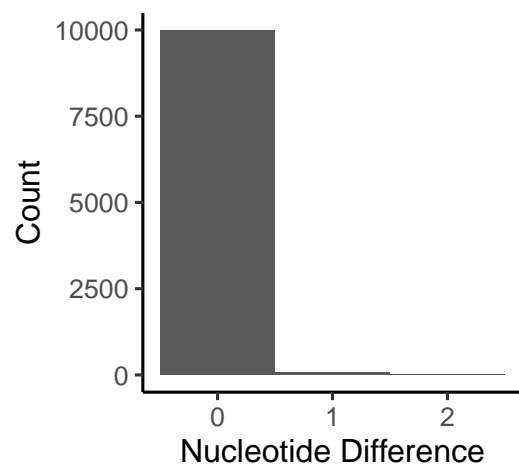
TRBV12-1*ap01

176 sequences assigned
174 (98.9%) exact matches, in which:
173 unique CDR3
13 unique J



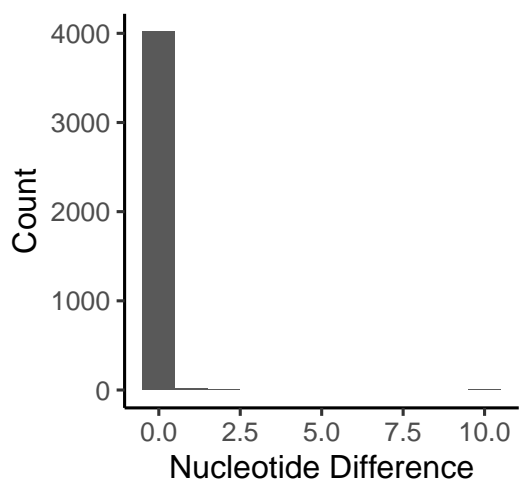
TRBV12-34*ap01

10084 sequences assigned
9995 (99.1%) exact matches, in which:
9820 unique CDR3
13 unique J



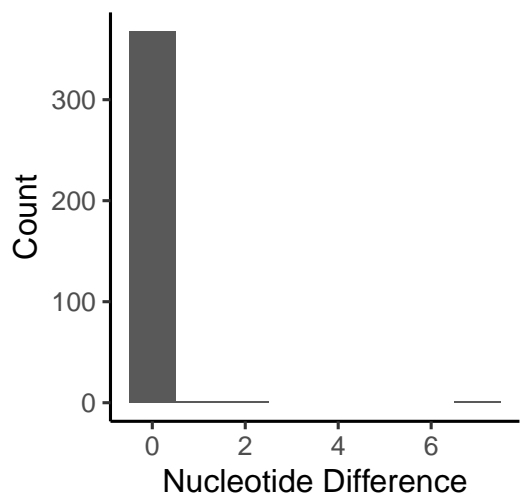
TRBV11-2*ap01

4033 sequences assigned
4018 (99.6%) exact matches, in which:
3974 unique CDR3
13 unique J



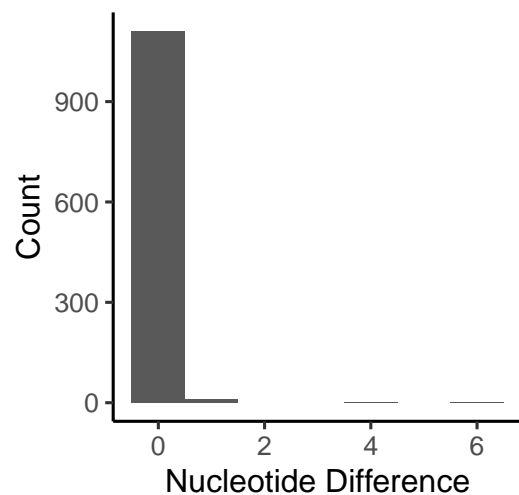
TRBV12-2*ap01

371 sequences assigned
368 (99.2%) exact matches, in which:
364 unique CDR3
13 unique J



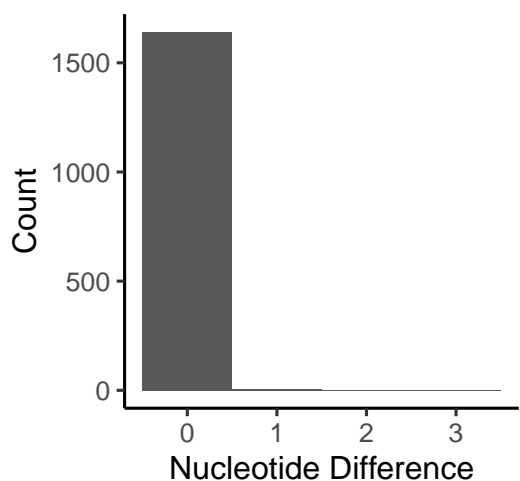
TRBV23-1*ap01

1124 sequences assigned
1111 (98.8%) exact matches, in which:
1095 unique CDR3
13 unique J



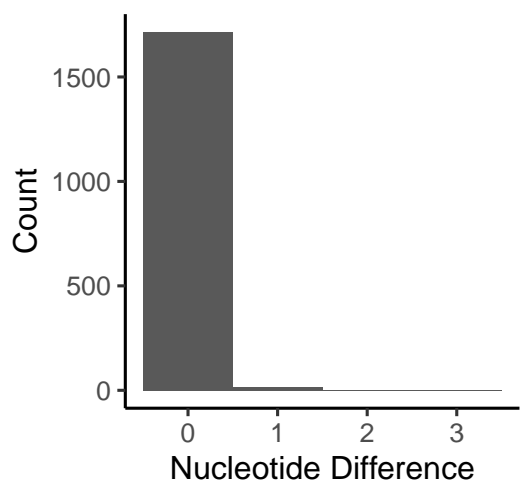
TRBV11-3*ap01

1650 sequences assigned
1641 (99.5%) exact matches, in which:
1628 unique CDR3
13 unique J



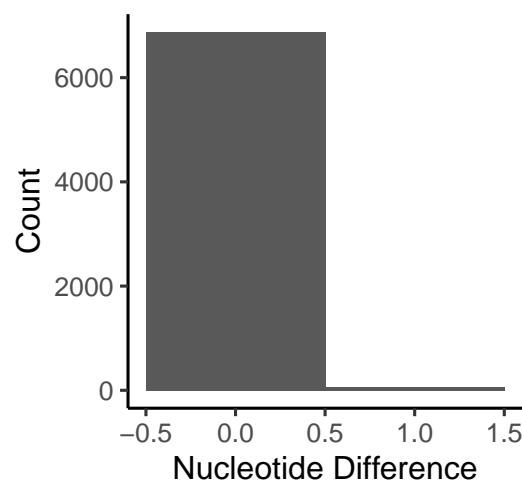
TRBV12-5*ap01

1733 sequences assigned
1715 (99%) exact matches, in which:
1675 unique CDR3
13 unique J



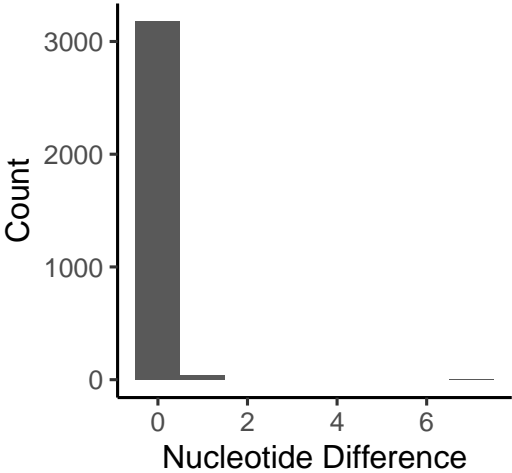
TRBV3-12*ap01

6935 sequences assigned
6875 (99.1%) exact matches, in which:
6732 unique CDR3
13 unique J



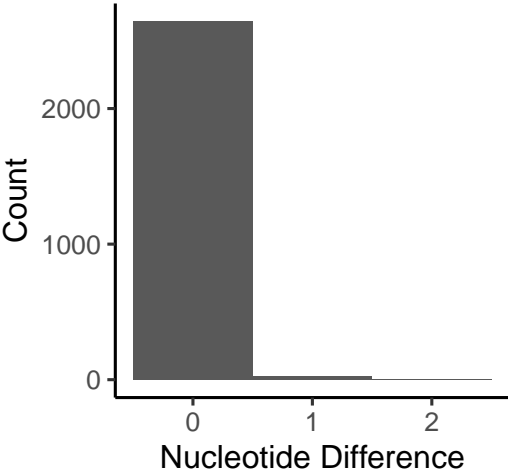
TRBV4-1*ap01

3216 sequences assigned
3178 (98.8%) exact matches, in which:
3091 unique CDR3
13 unique J



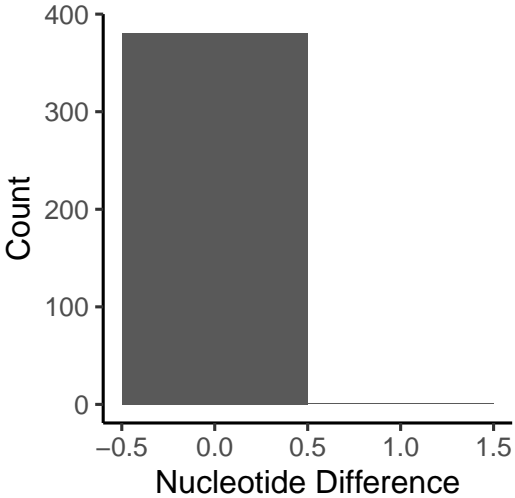
TRBV4-3*ap01

2673 sequences assigned
2643 (98.9%) exact matches, in which:
2570 unique CDR3
13 unique J



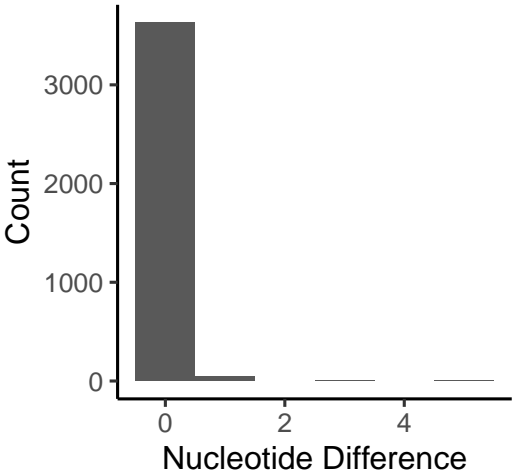
TRBV5-3*ap01

382 sequences assigned
381 (99.7%) exact matches, in which:
378 unique CDR3
13 unique J



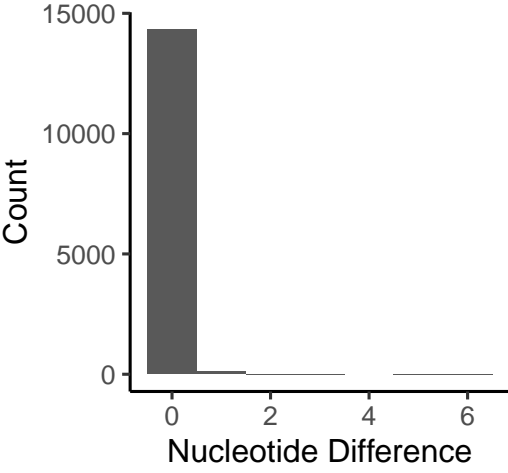
TRBV24-1*ap01

3678 sequences assigned
3629 (98.7%) exact matches, in which:
3539 unique CDR3
13 unique J



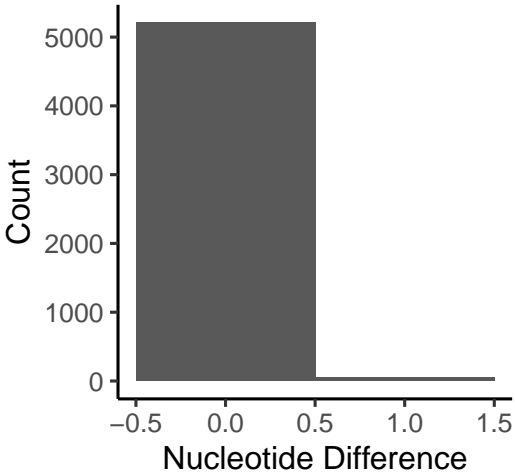
TRBV5-1*ap01

14457 sequences assigned
14329 (99.1%) exact matches, in which:
13946 unique CDR3
13 unique J



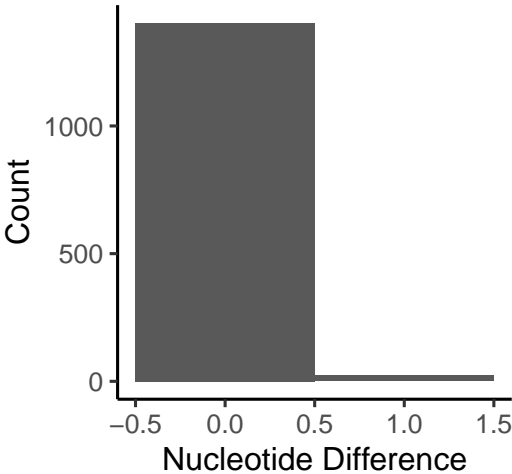
TRBV5-4*ap01

5258 sequences assigned
5209 (99.1%) exact matches, in which:
5102 unique CDR3
13 unique J



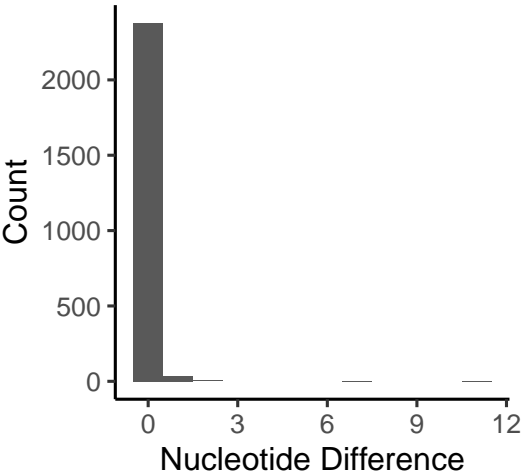
TRBV4-2*ap01

1426 sequences assigned
1403 (98.4%) exact matches, in which:
1368 unique CDR3
13 unique J



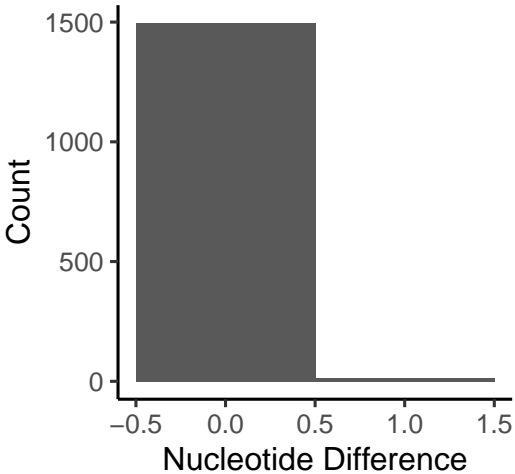
TRBV25-1*ap01

2421 sequences assigned
2377 (98.2%) exact matches, in which:
2310 unique CDR3
13 unique J



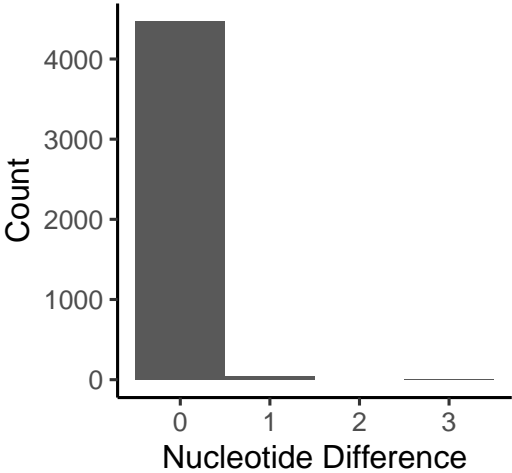
TRBV5-5*ap01

1509 sequences assigned
1496 (99.1%) exact matches, in which:
1480 unique CDR3
13 unique J



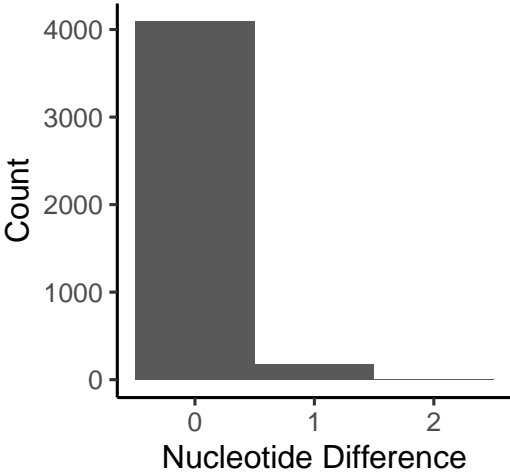
TRBV5-6*ap01

4519 sequences assigned
4469 (98.9%) exact matches, in which:
4321 unique CDR3
13 unique J



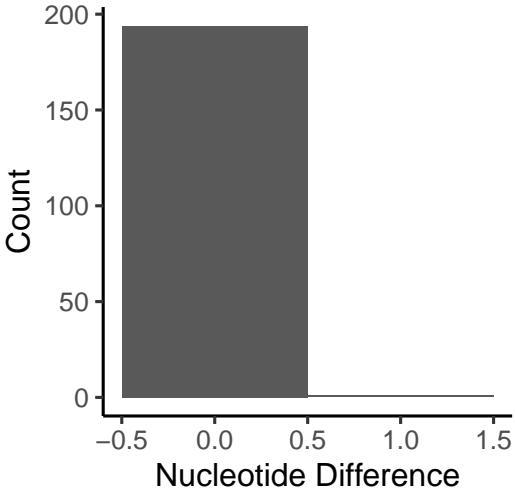
TRBV6-1*ap01

4267 sequences assigned
4093 (95.9%) exact matches, in which:
4006 unique CDR3
13 unique J



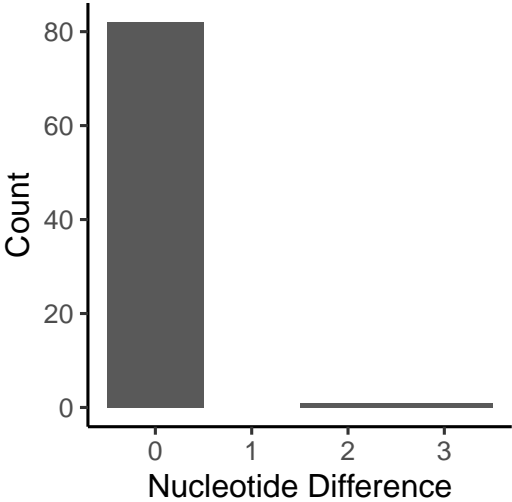
TRBV6-8*ap01

195 sequences assigned
194 (99.5%) exact matches, in which:
186 unique CDR3
13 unique J



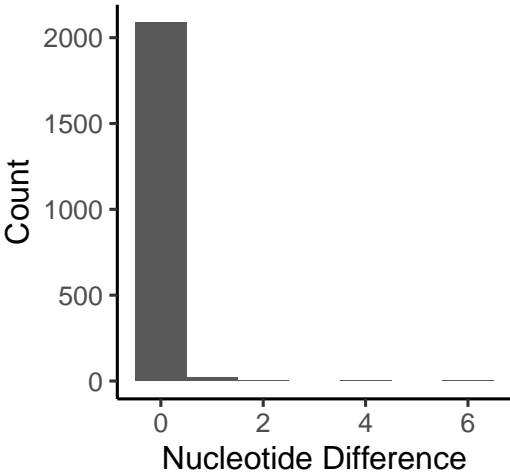
TRBV5-7*ap01

84 sequences assigned
82 (97.6%) exact matches, in which:
79 unique CDR3
11 unique J



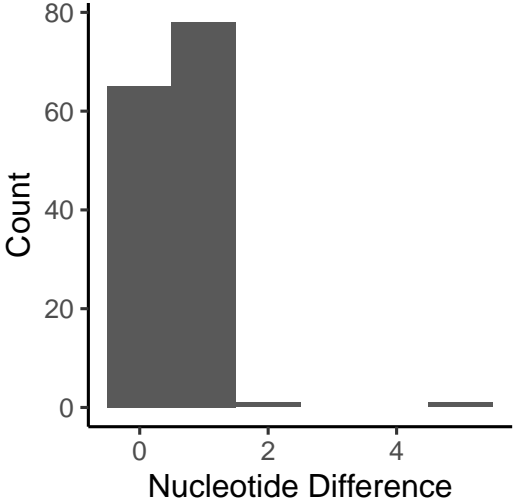
TRBV6-4*ap01

2113 sequences assigned
2087 (98.8%) exact matches, in which:
2059 unique CDR3
13 unique J



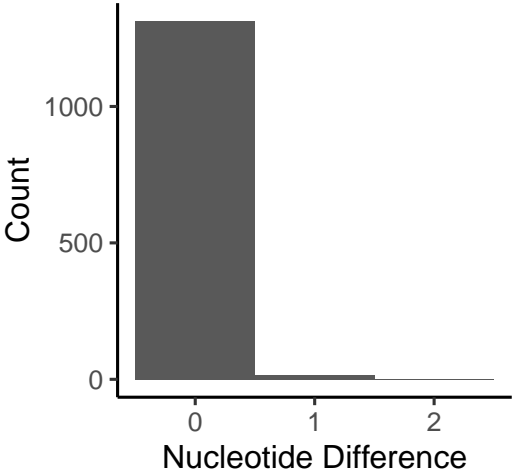
TRBV6-9*ap01

145 sequences assigned
65 (44.8%) exact matches, in which:
62 unique CDR3
11 unique J



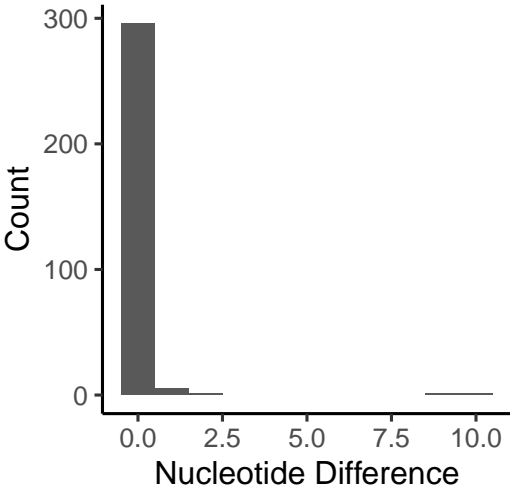
TRBV5-8*ap01

1329 sequences assigned
1313 (98.8%) exact matches, in which:
1297 unique CDR3
13 unique J



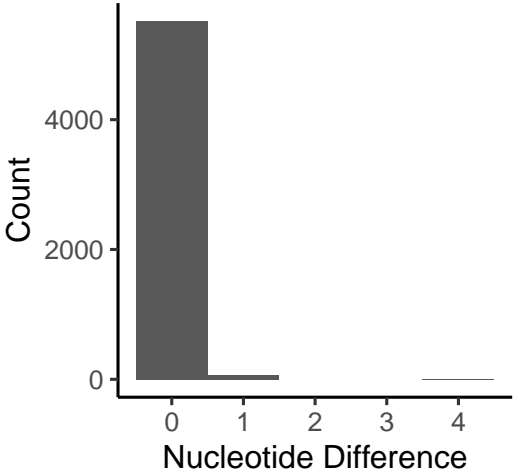
TRBV6-7*ap01

304 sequences assigned
296 (97.4%) exact matches, in which:
286 unique CDR3
13 unique J



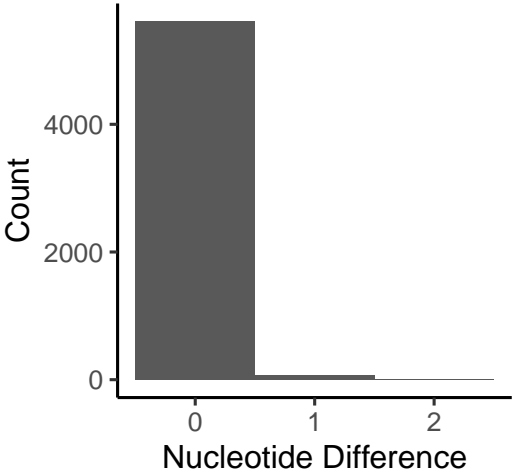
TRBV6-23*ap01

5583 sequences assigned
5519 (98.9%) exact matches, in which:
5340 unique CDR3
13 unique J



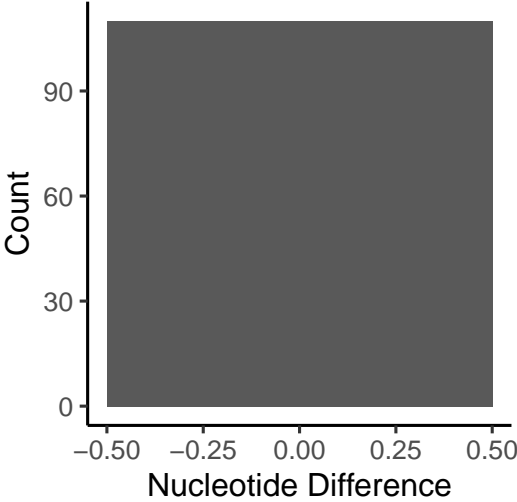
TRBV6-56*ap01

5677 sequences assigned
5612 (98.9%) exact matches, in which:
5453 unique CDR3
13 unique J



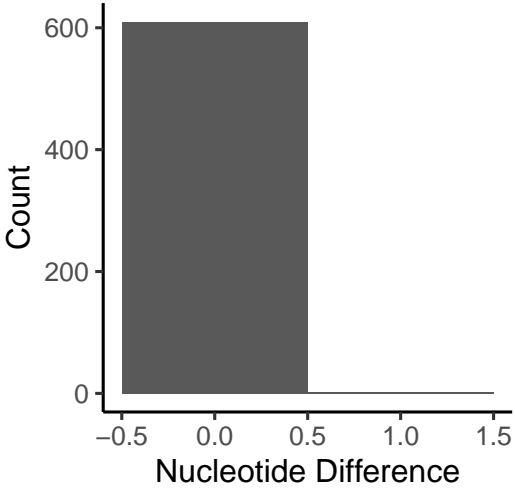
TRBV7-1*ap01_G291C_T

110 sequences assigned
110 (100%) exact matches, in which:
106 unique CDR3
13 unique J



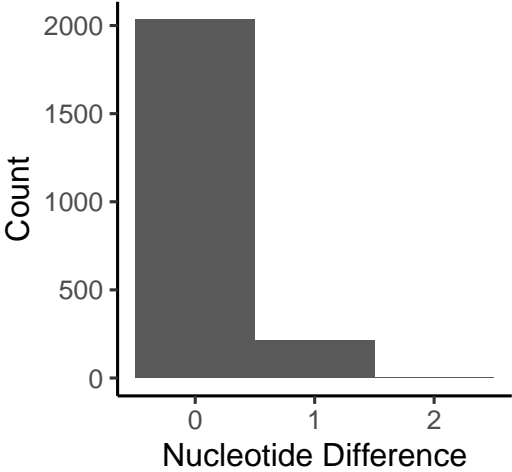
TRBV7-3*ap02

612 sequences assigned
610 (99.7%) exact matches, in which:
595 unique CDR3
13 unique J



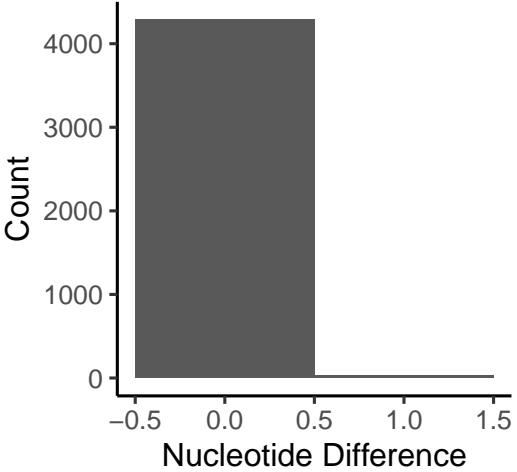
TRBV6-56*ap02

2246 sequences assigned
2033 (90.5%) exact matches, in which:
1961 unique CDR3
13 unique J



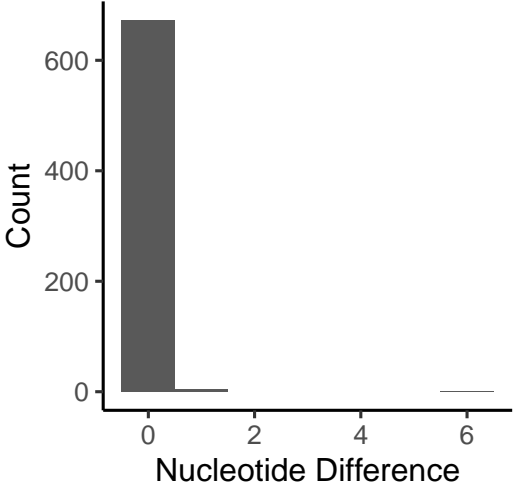
TRBV7-2*ap01

4315 sequences assigned
4287 (99.4%) exact matches, in which:
4214 unique CDR3
13 unique J



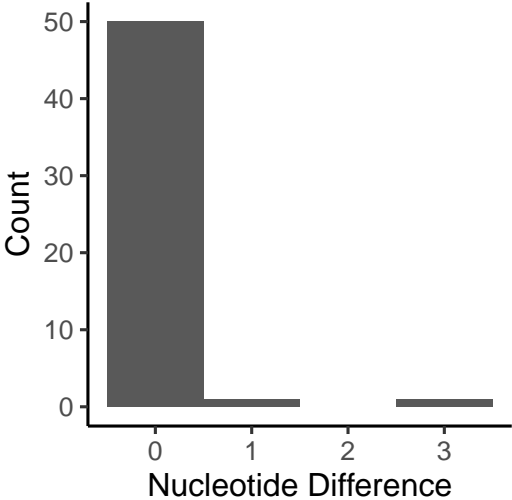
TRBV7-3*ap03

679 sequences assigned
673 (99.1%) exact matches, in which:
666 unique CDR3
13 unique J



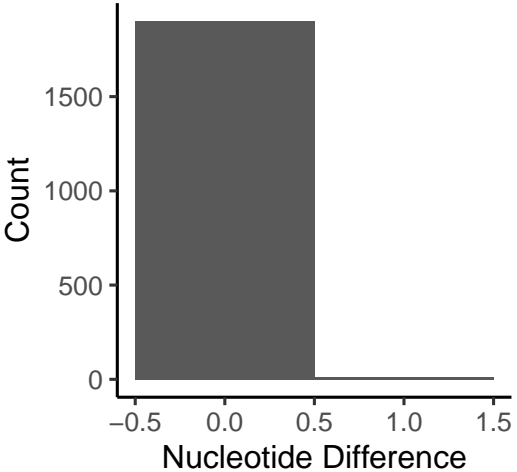
TRBV7-1*ap01_G291C_T

52 sequences assigned
50 (96.2%) exact matches, in which:
49 unique CDR3
12 unique J



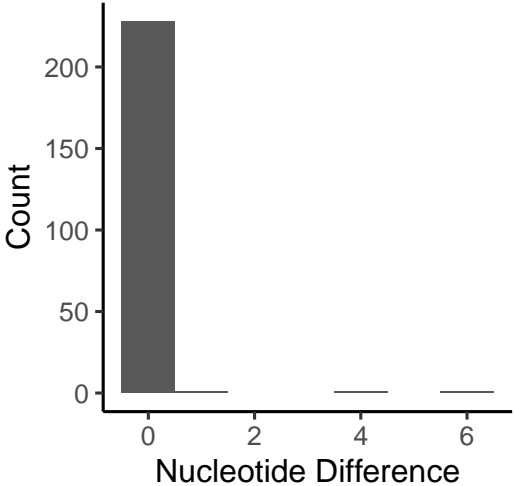
TRBV7-2*ap01_G297A

1914 sequences assigned
1901 (99.3%) exact matches, in which:
1887 unique CDR3
13 unique J



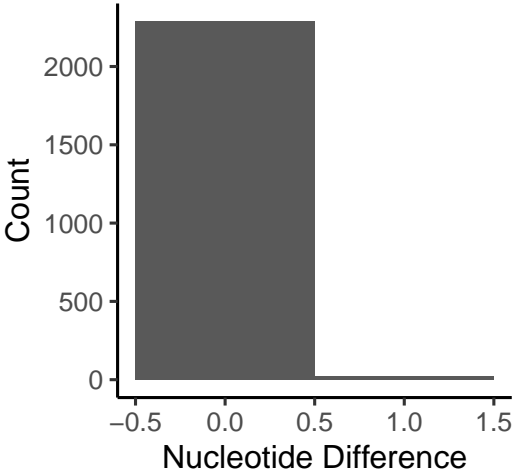
TRBV7-4*ap01

231 sequences assigned
228 (98.7%) exact matches, in which:
223 unique CDR3
13 unique J



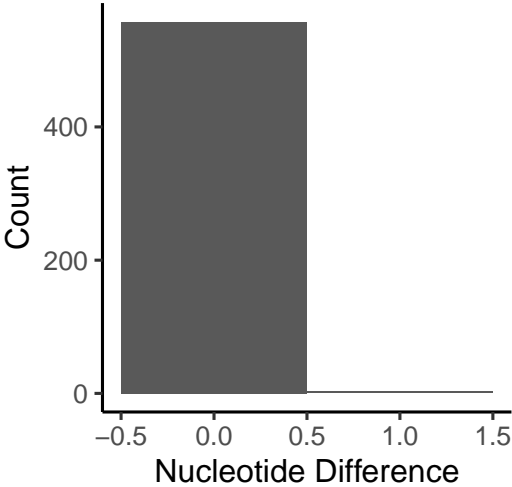
TRBV7-6*ap01

2308 sequences assigned
2288 (99.1%) exact matches, in which:
2257 unique CDR3
13 unique J



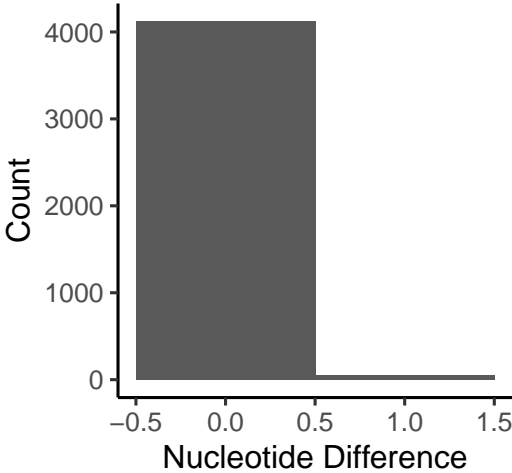
TRBV7-8*ap03

561 sequences assigned
558 (99.5%) exact matches, in which:
542 unique CDR3
13 unique J



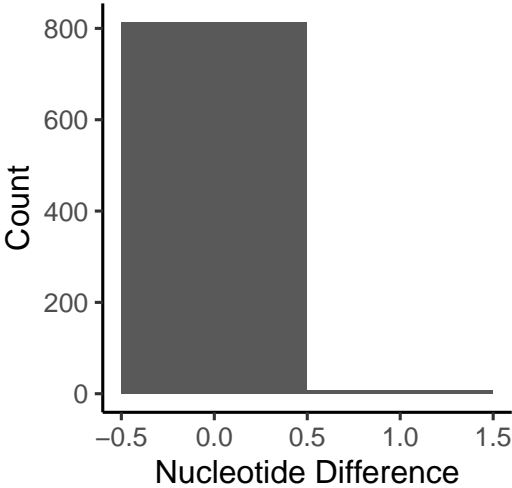
TRBV29-1*ap01

4178 sequences assigned
4121 (98.6%) exact matches, in which:
4008 unique CDR3
13 unique J



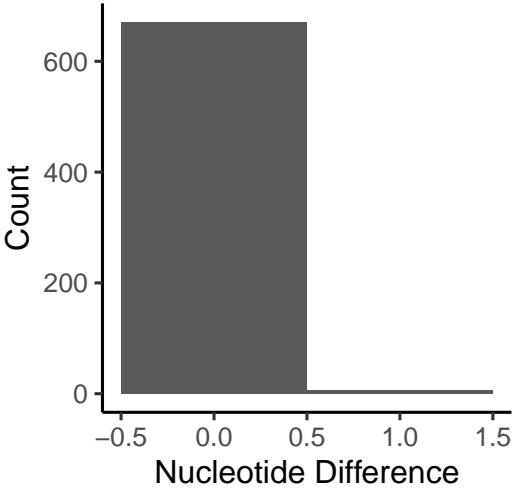
TRBV7-7*ap01

821 sequences assigned
814 (99.1%) exact matches, in which:
801 unique CDR3
13 unique J



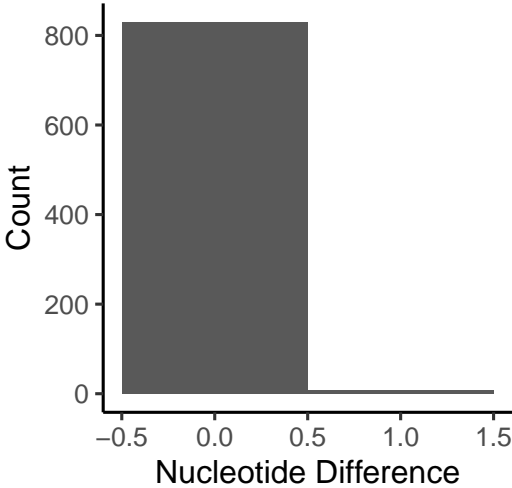
TRBV7-8*ap03_C297A

678 sequences assigned
671 (99%) exact matches, in which:
664 unique CDR3
13 unique J



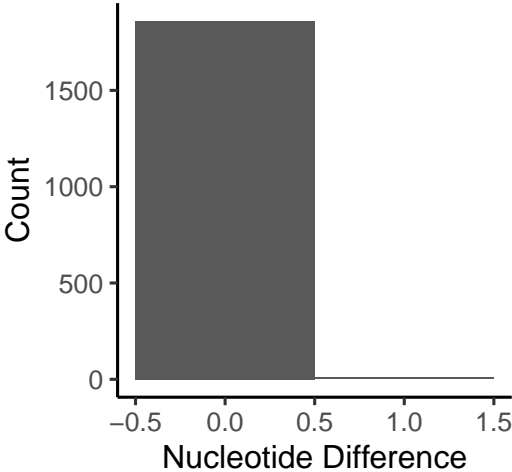
TRBV29-1*ap02

838 sequences assigned
830 (99%) exact matches, in which:
804 unique CDR3
13 unique J



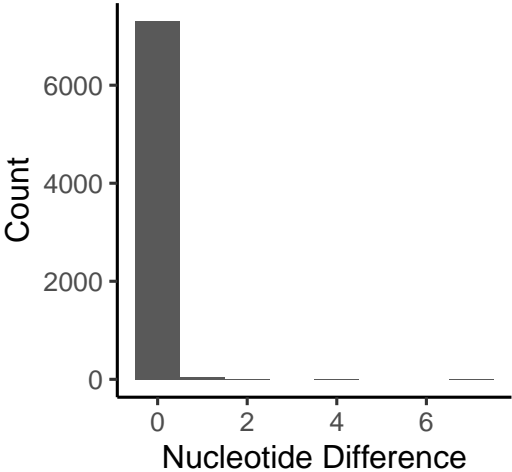
TRBV7-8*ap01

1869 sequences assigned
1860 (99.5%) exact matches, in which:
1830 unique CDR3
13 unique J

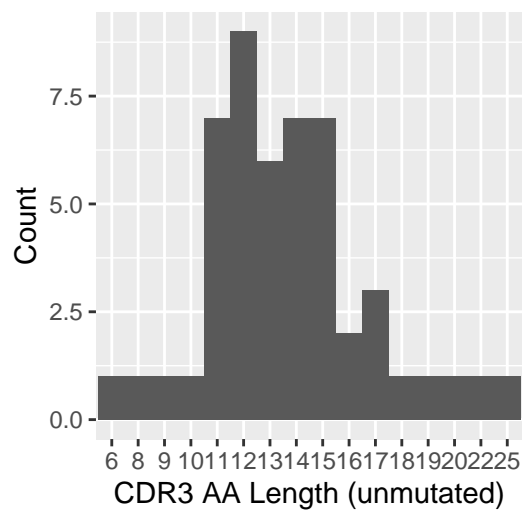


TRBV7-9*ap01

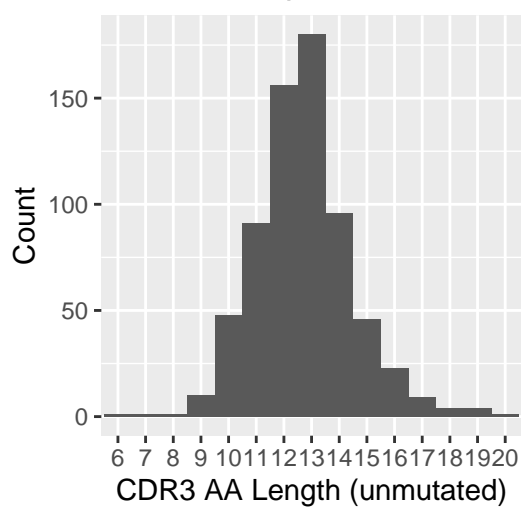
7359 sequences assigned
7309 (99.3%) exact matches, in which:
7211 unique CDR3
13 unique J



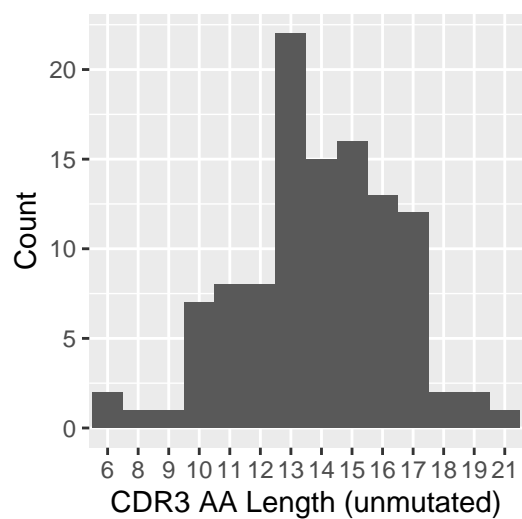
TRBV7-1*ap01_G291C_T296C



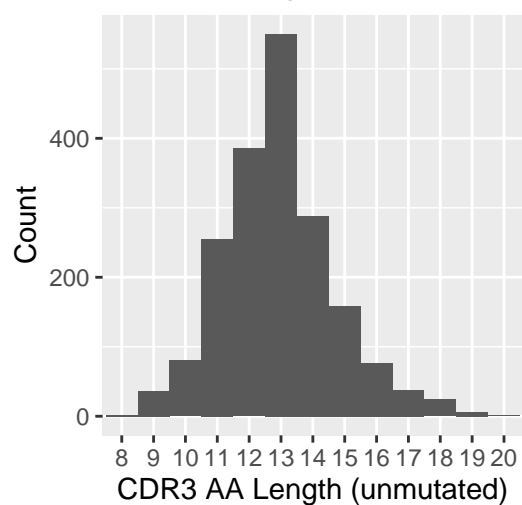
TRBV7-8*ap03_C297A



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-2*ap01_G297A





Warning – no inferred sequences found.

Warning – no inferred sequences found.