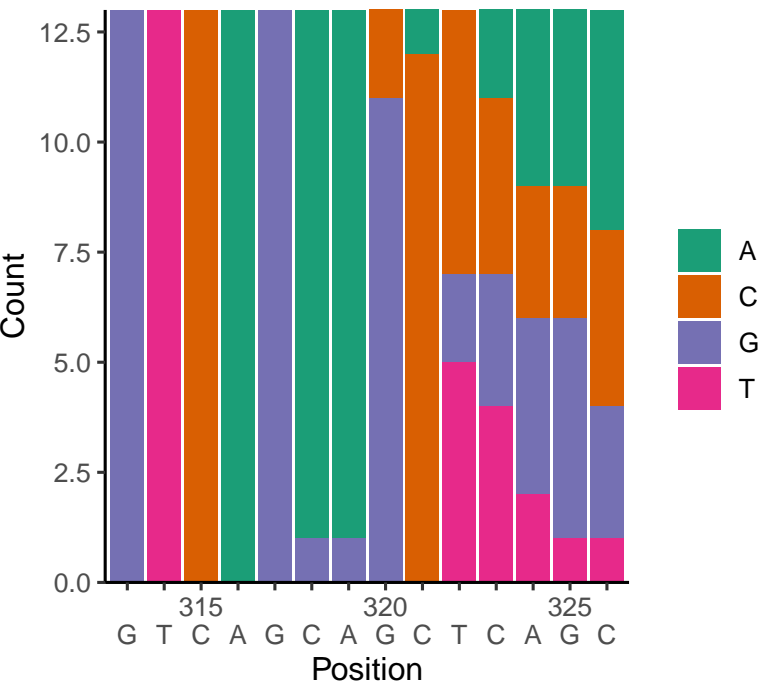
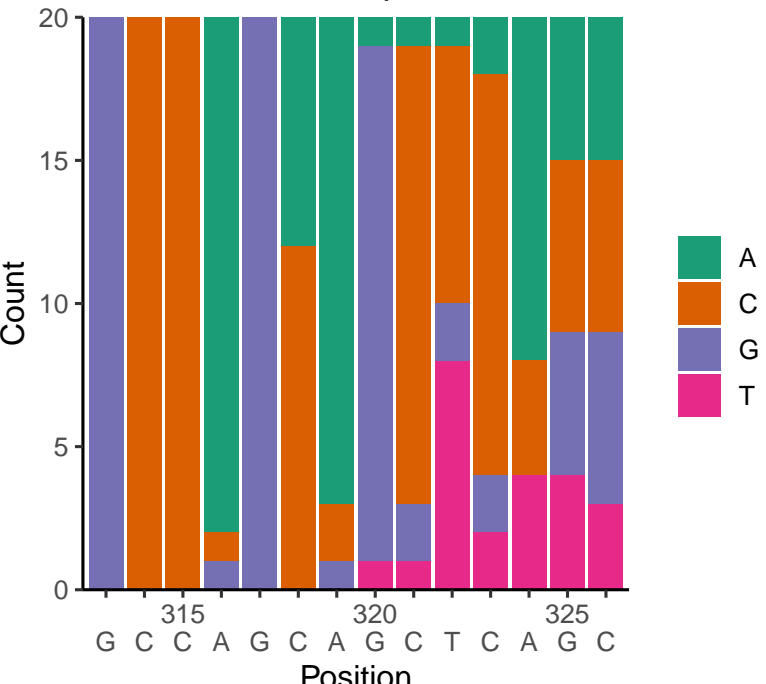


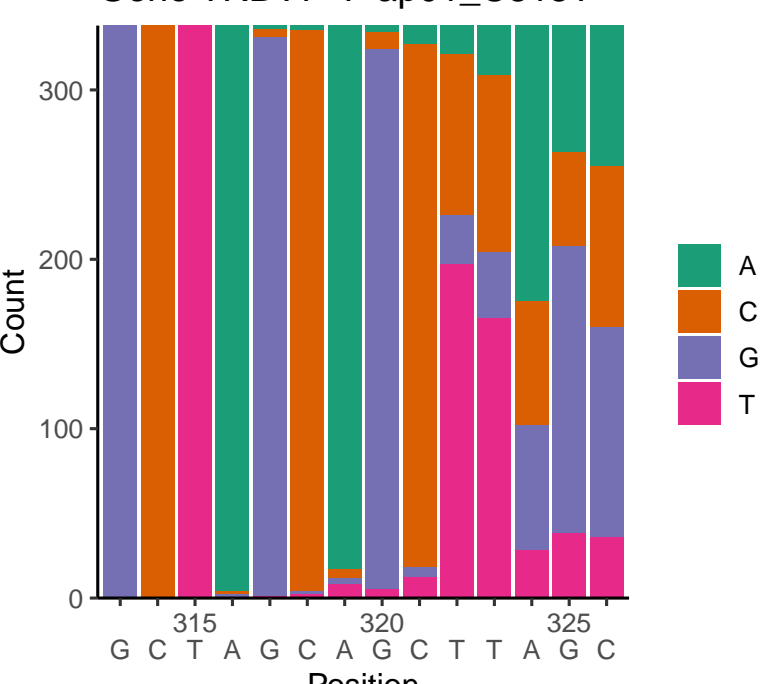
Gene TRBV7-1*ap01_T296C_C314T



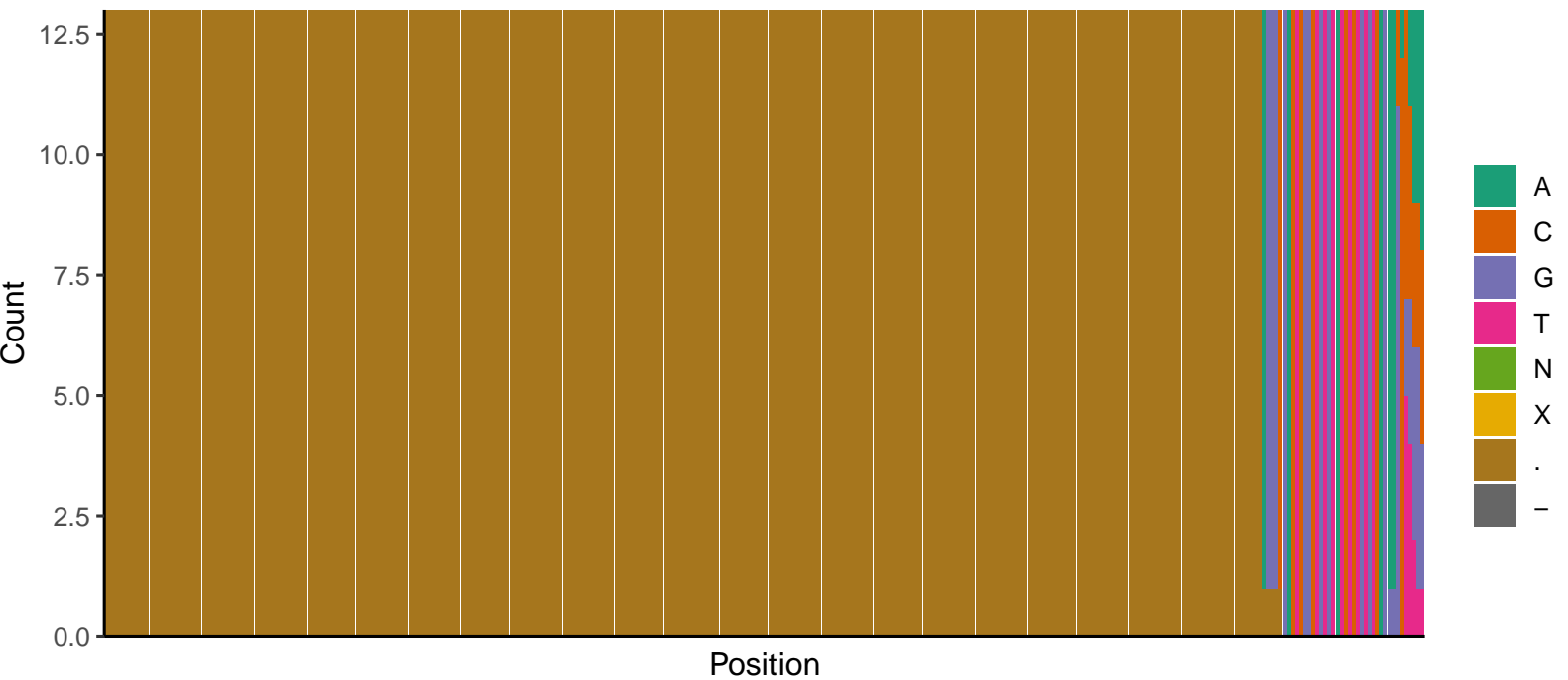
Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



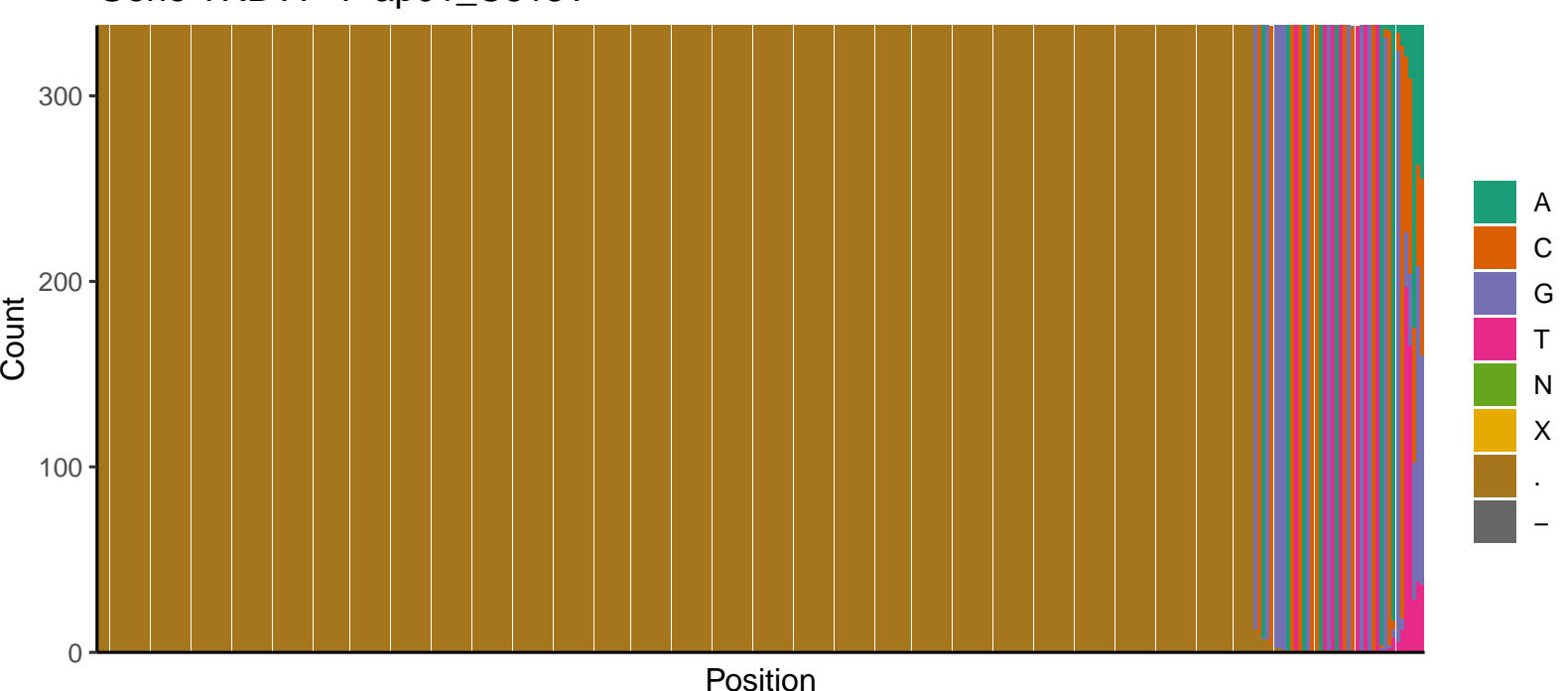
Gene TRBV7-1*ap01_T296C_C314T



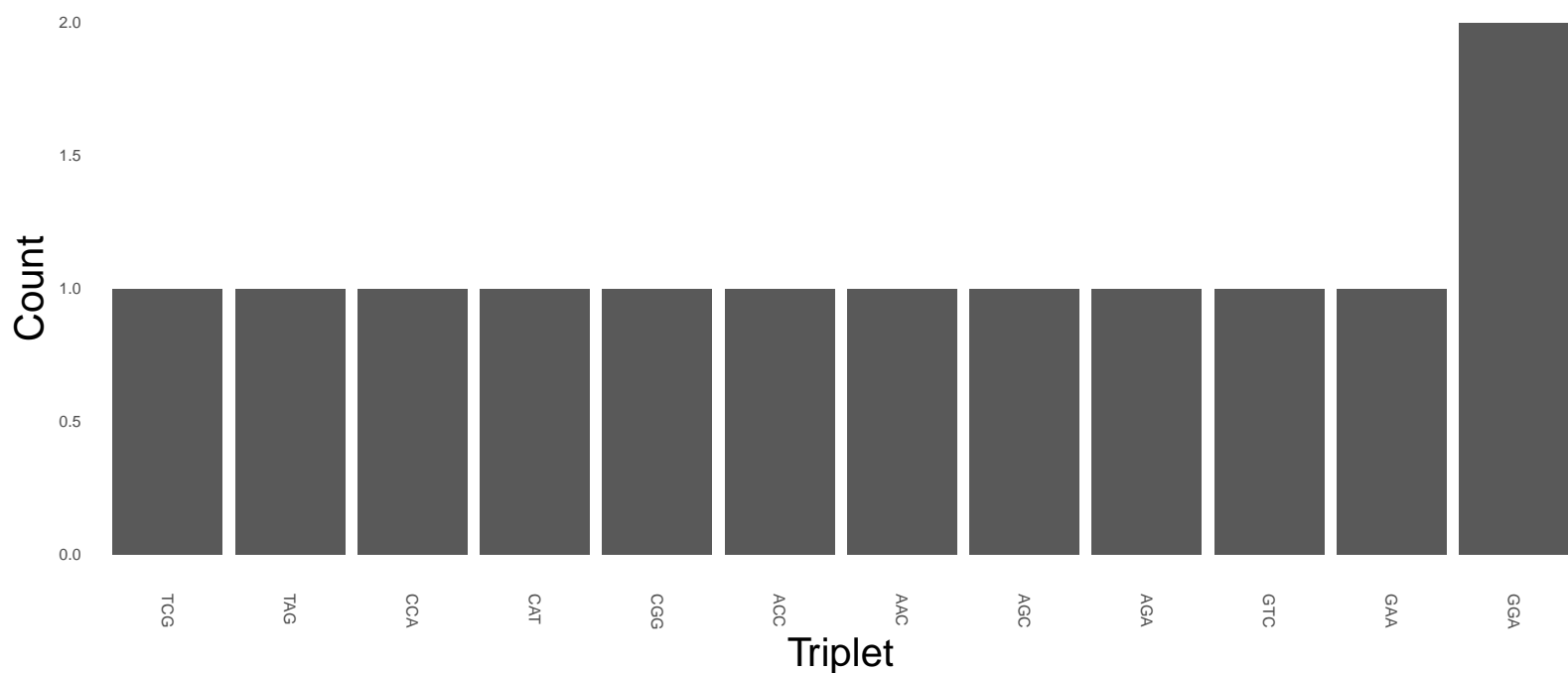
Gene TRBV7-1*ap01_T296C



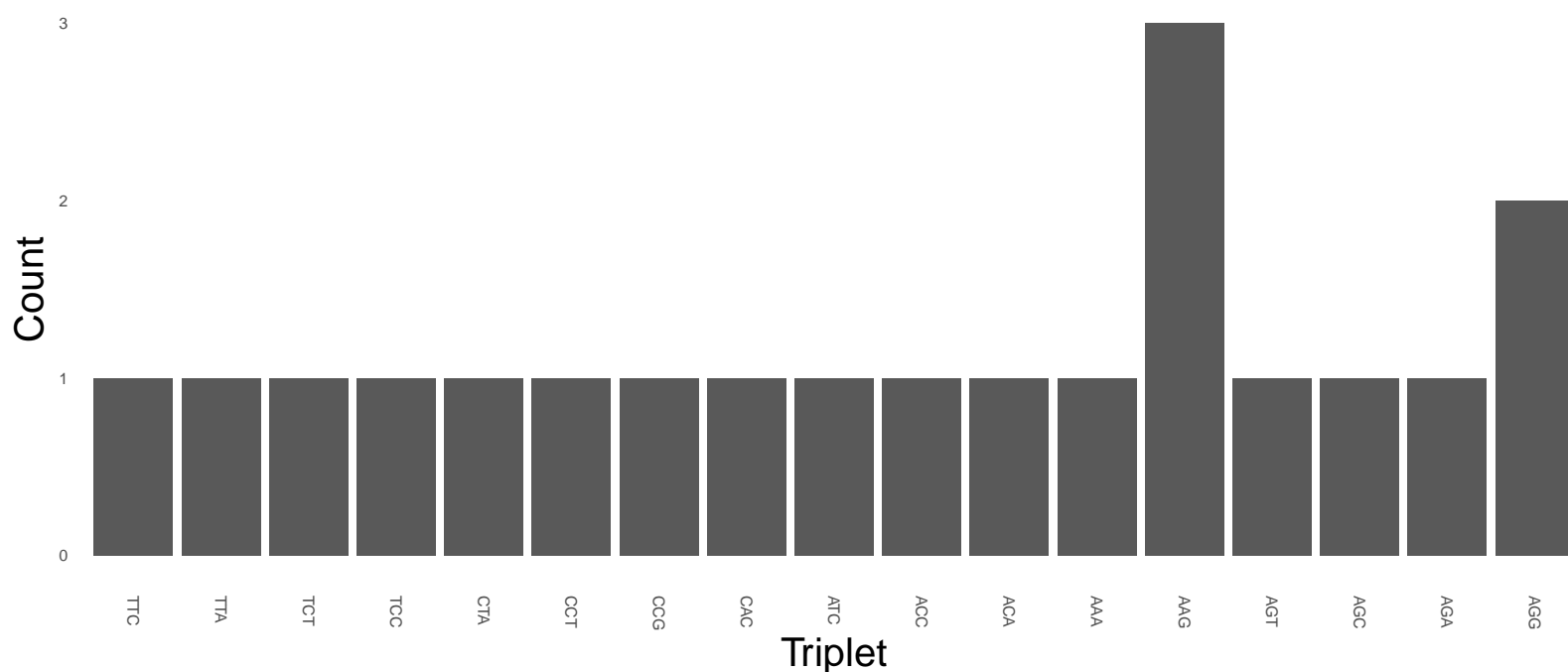
Gene TRBV7-7*ap01_C315T



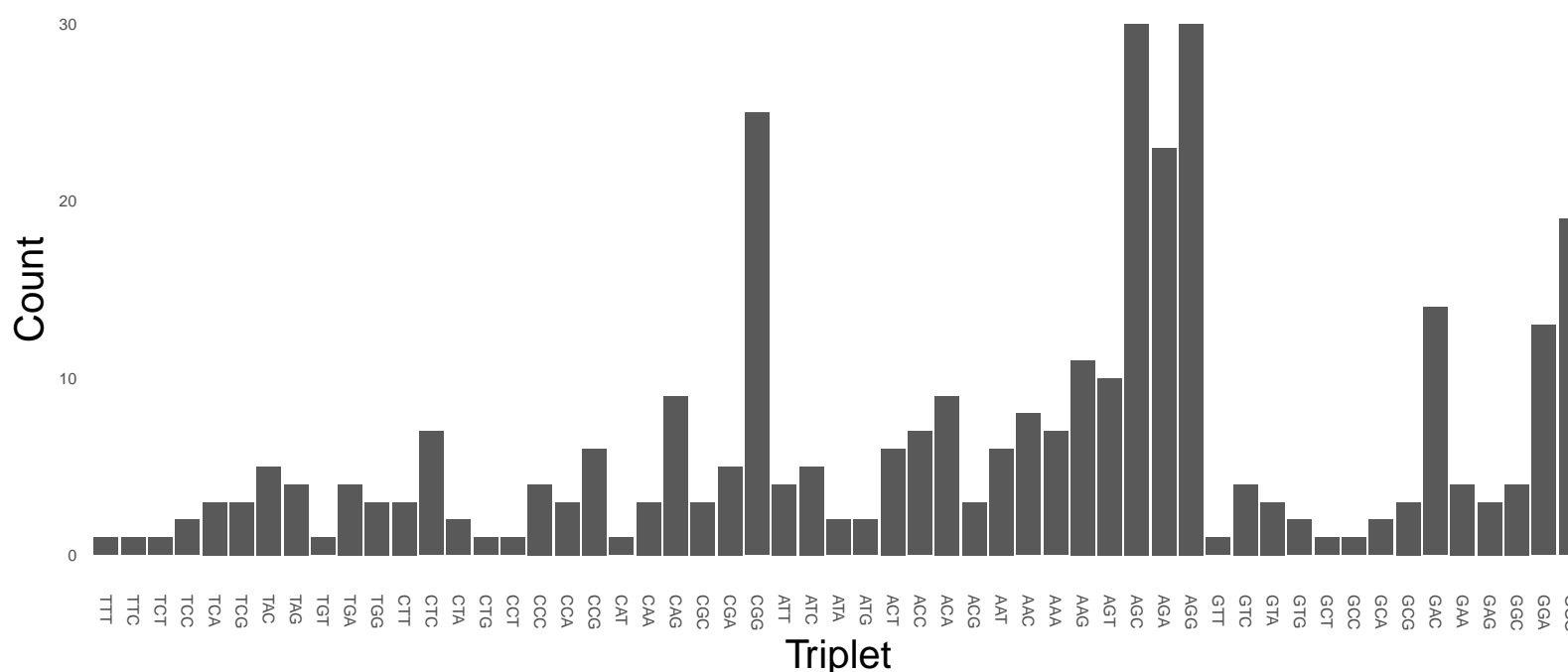
TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet

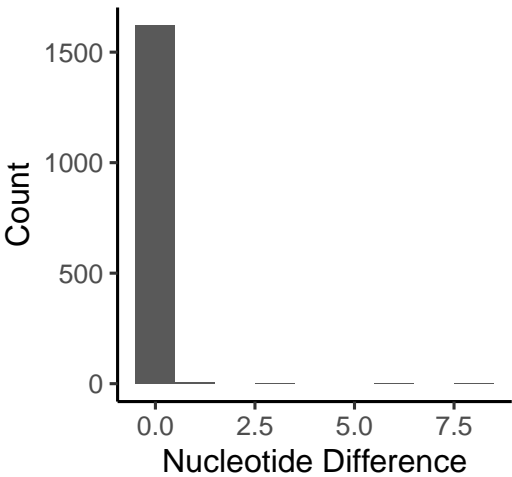


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



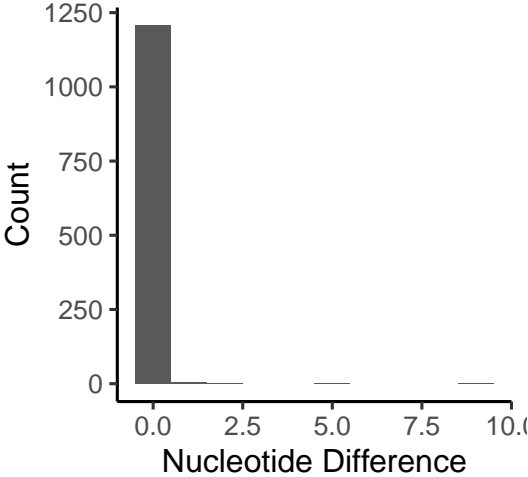
TRBV10-1*ap01

1629 sequences assigned
1621 (99.5%) exact matches, in which:
1620 unique CDR3
13 unique J



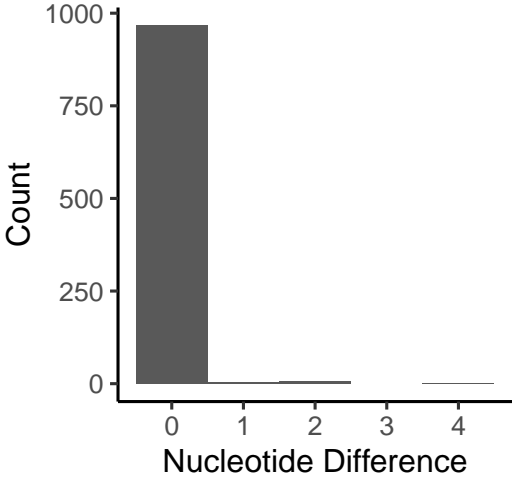
TRBV10-2*ap01

1214 sequences assigned
1207 (99.4%) exact matches, in which:
1205 unique CDR3
13 unique J



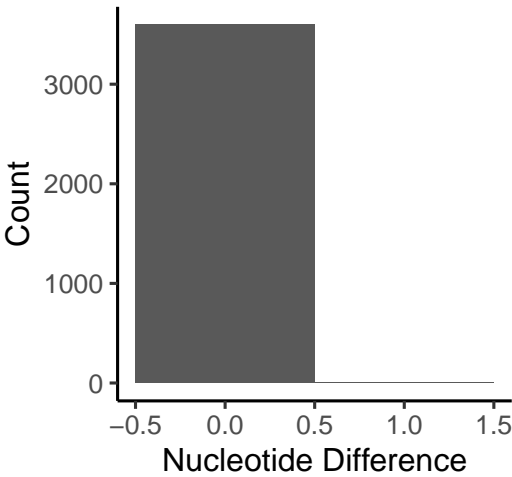
TRBV13*ap01

977 sequences assigned
967 (99%) exact matches, in which:
963 unique CDR3
13 unique J



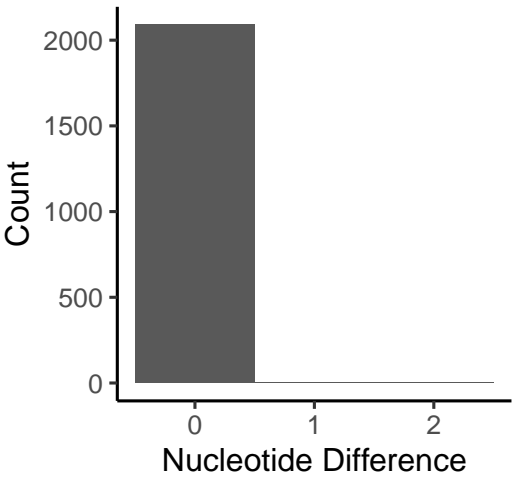
TRBV20-1*ap01

3607 sequences assigned
3597 (99.7%) exact matches, in which:
3591 unique CDR3
13 unique J



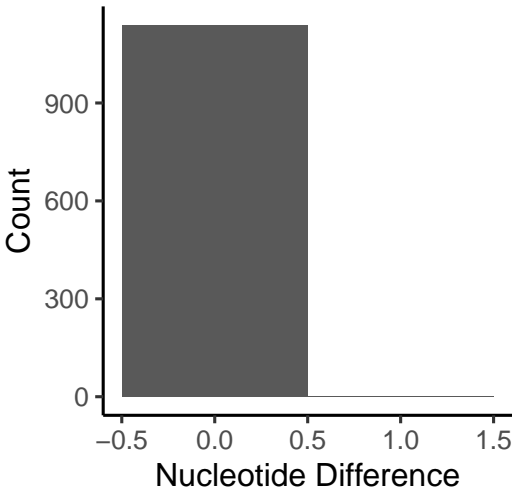
TRBV10-3*ap01

2095 sequences assigned
2090 (99.8%) exact matches, in which:
2087 unique CDR3
13 unique J



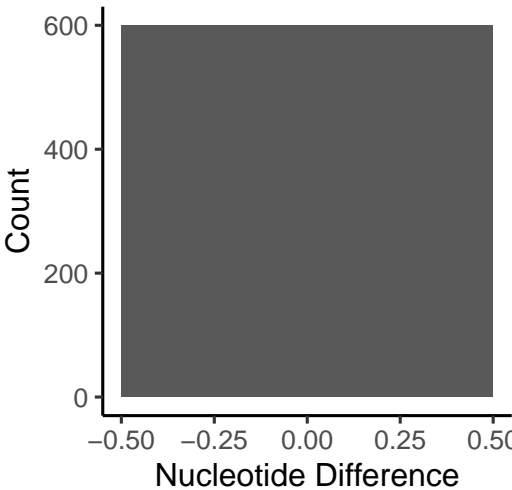
TRBV14*ap01

1142 sequences assigned
1139 (99.7%) exact matches, in which:
1138 unique CDR3
13 unique J



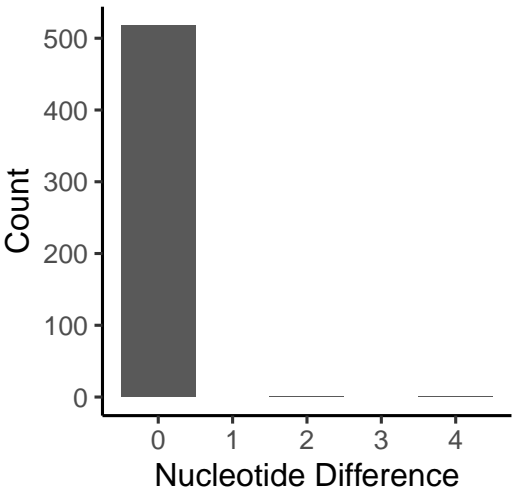
TRBV20-1*ap02

600 sequences assigned
600 (100%) exact matches, in which:
600 unique CDR3
13 unique J



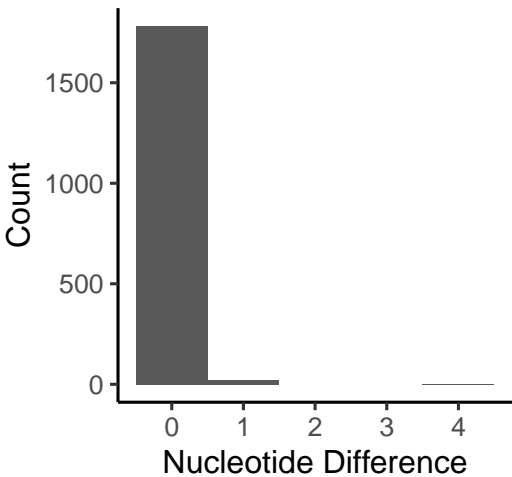
TRBV1*ap01

520 sequences assigned
518 (99.6%) exact matches, in which:
513 unique CDR3
13 unique J



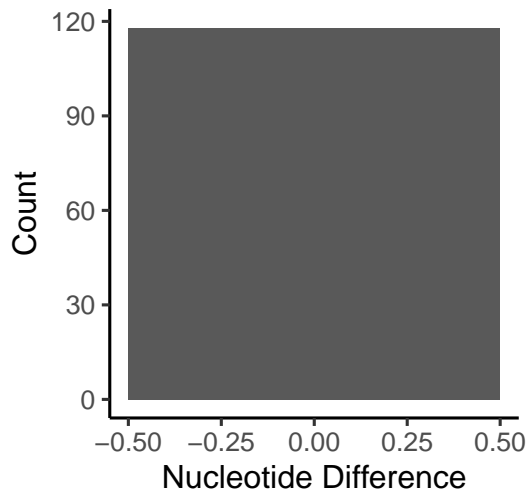
TRBV15*ap02

1804 sequences assigned
1782 (98.8%) exact matches, in which:
1776 unique CDR3
13 unique J



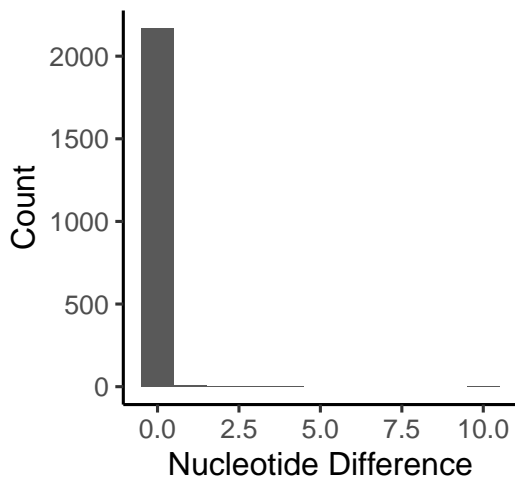
TRBV16*ap01

118 sequences assigned
118 (100%) exact matches, in which:
117 unique CDR3
11 unique J



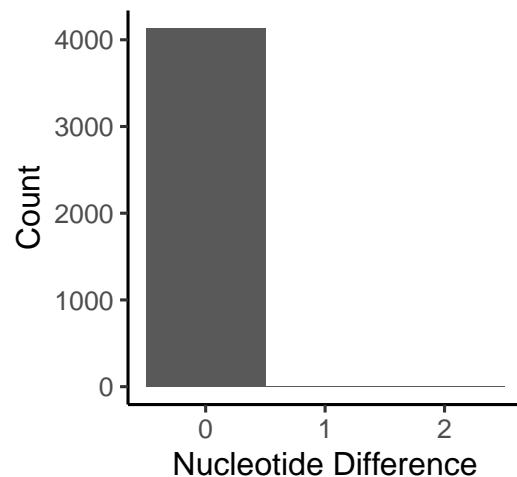
TRBV19*ap01

2183 sequences assigned
2168 (99.3%) exact matches, in which:
2166 unique CDR3
13 unique J



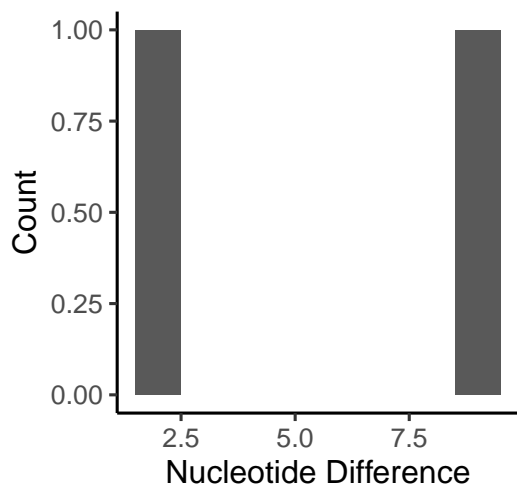
TRBV28*ap01

4141 sequences assigned
4131 (99.8%) exact matches, in which:
4129 unique CDR3
13 unique J



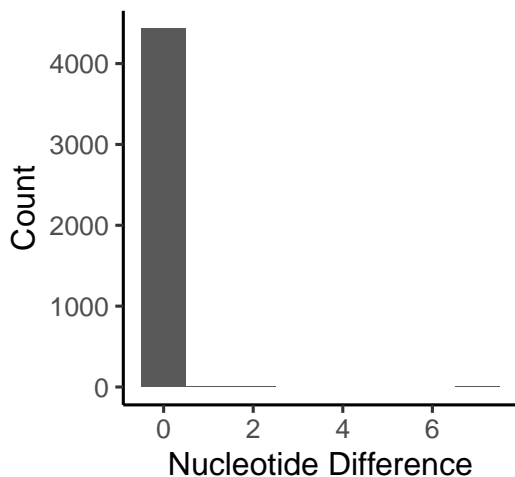
TRBV17*ap01

2 sequences assigned
No exact matches.



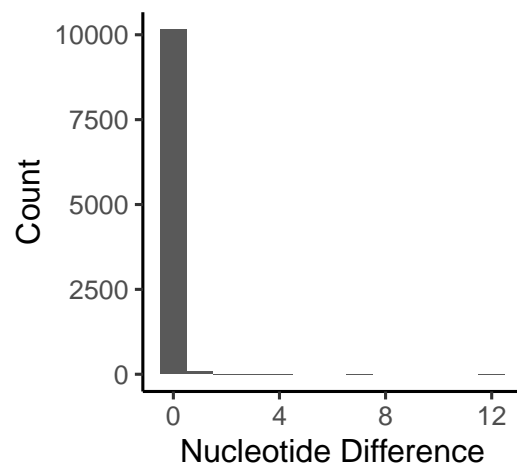
TRBV2*ap01

4442 sequences assigned
4431 (99.8%) exact matches, in which:
4424 unique CDR3
13 unique J



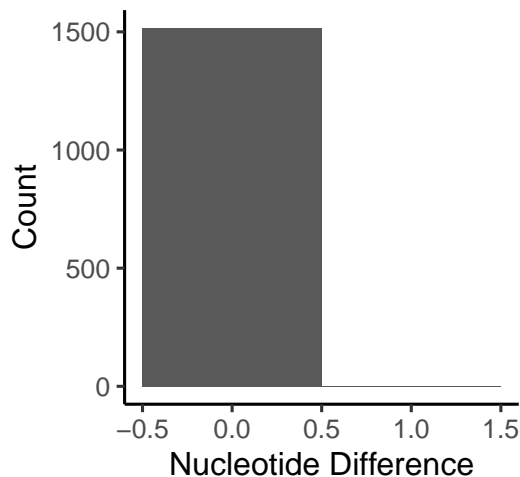
TRBV30*ap01

10250 sequences assigned
10156 (99.1%) exact matches, in which:
10117 unique CDR3
13 unique J



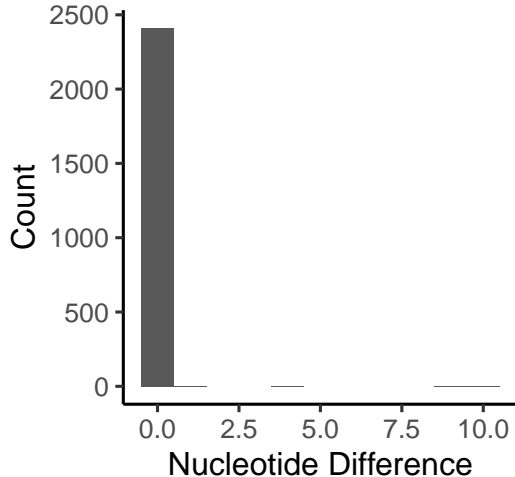
TRBV18*ap01

1517 sequences assigned
1516 (99.9%) exact matches, in which:
1513 unique CDR3
13 unique J



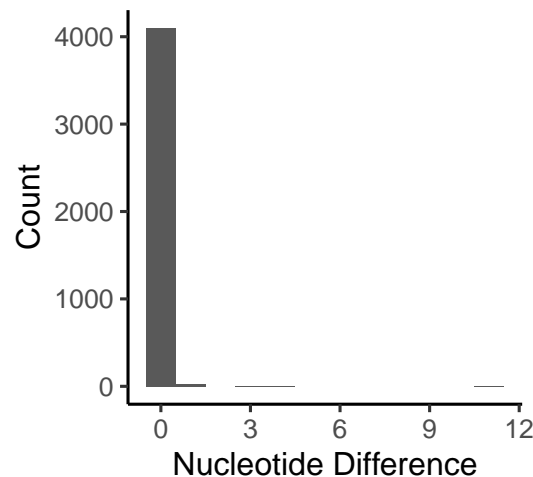
TRBV27*ap01

2419 sequences assigned
2411 (99.7%) exact matches, in which:
2405 unique CDR3
13 unique J



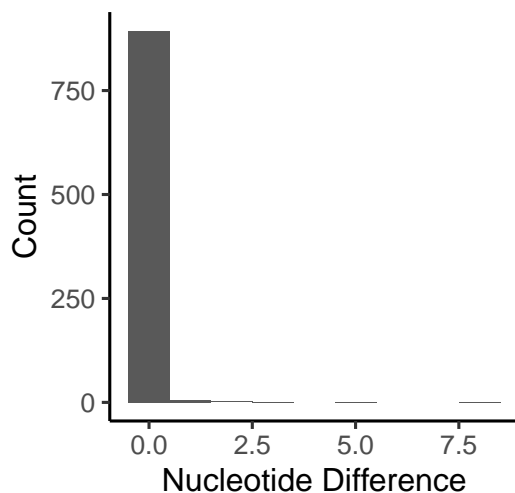
TRBV9*ap01

4129 sequences assigned
4099 (99.3%) exact matches, in which:
4094 unique CDR3
13 unique J



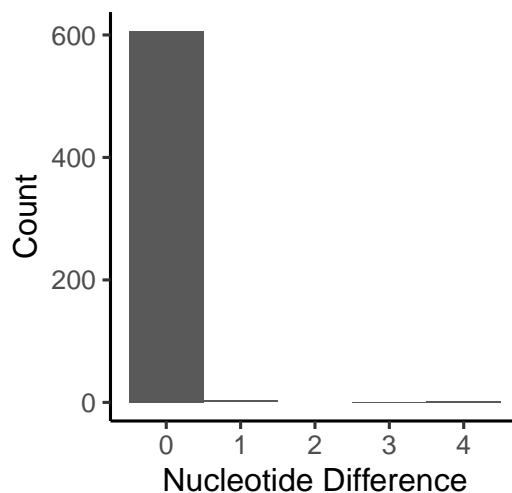
TRBV21-1*ap01

905 sequences assigned
894 (98.8%) exact matches, in which:
893 unique CDR3
13 unique J



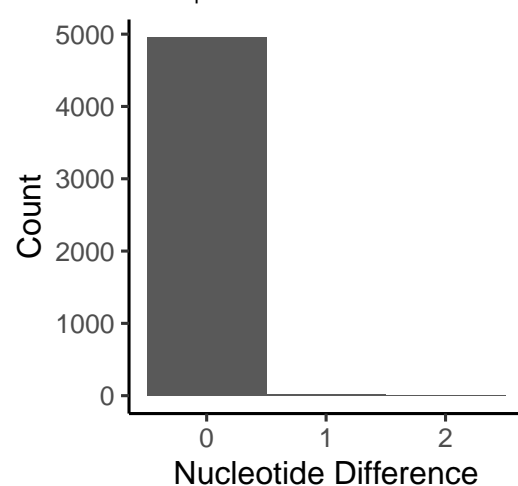
TRBV11-3*ap01

613 sequences assigned
607 (99%) exact matches, in which:
606 unique CDR3
13 unique J



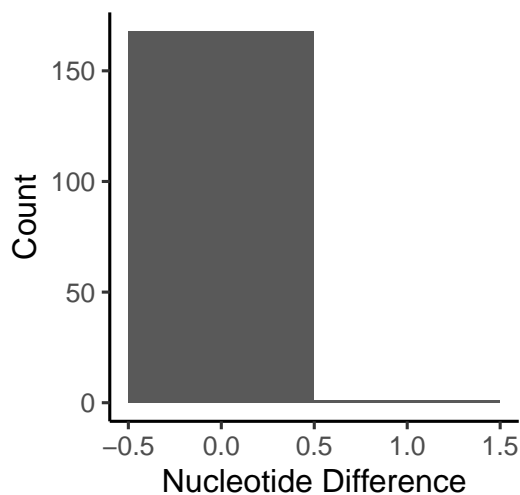
TRBV12-34*ap01

4977 sequences assigned
4955 (99.6%) exact matches, in which:
4949 unique CDR3
13 unique J



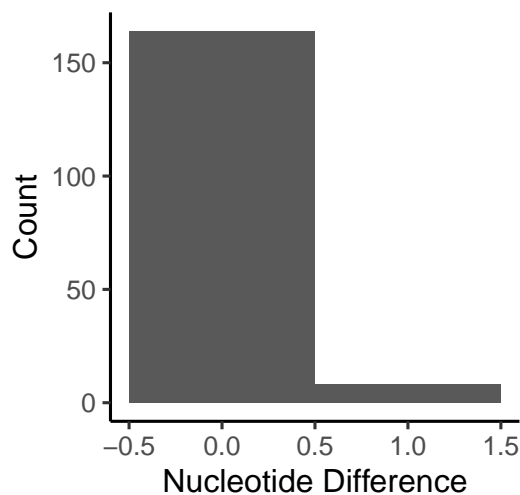
TRBV11-1*ap01

169 sequences assigned
168 (99.4%) exact matches, in which:
168 unique CDR3
12 unique J



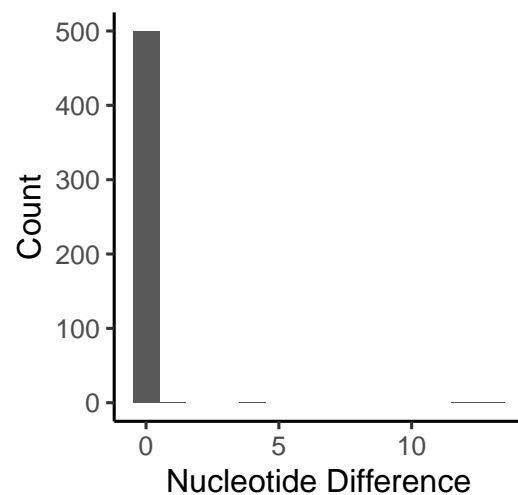
TRBV12-2*ap01

172 sequences assigned
164 (95.3%) exact matches, in which:
163 unique CDR3
13 unique J



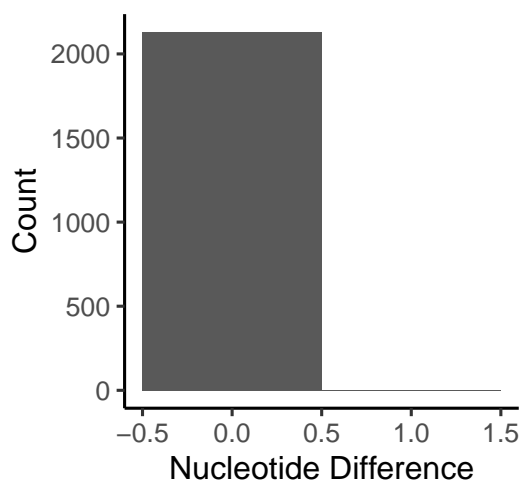
TRBV23-1*ap01

504 sequences assigned
500 (99.2%) exact matches, in which:
500 unique CDR3
13 unique J



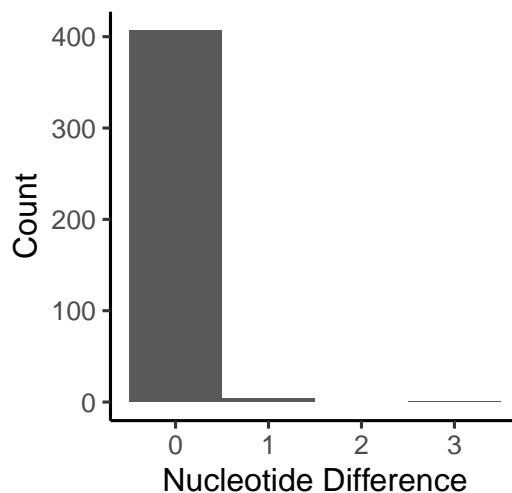
TRBV11-2*ap01

2131 sequences assigned
2130 (100%) exact matches, in which:
2130 unique CDR3
13 unique J



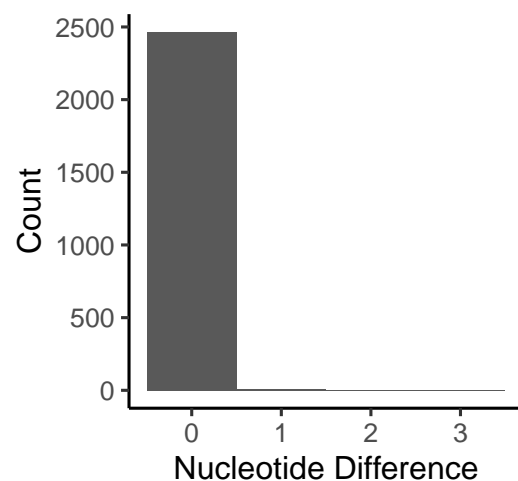
TRBV12-5*ap01

412 sequences assigned
407 (98.8%) exact matches, in which:
407 unique CDR3
13 unique J



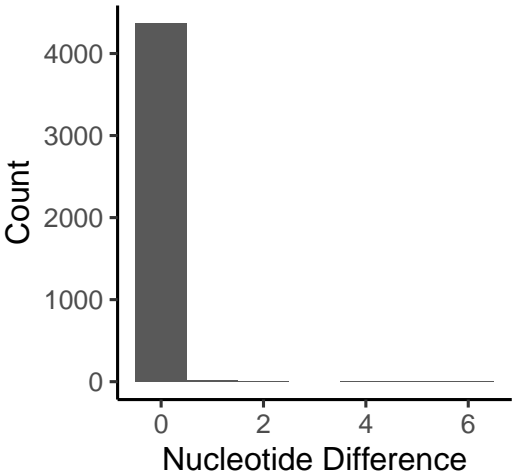
TRBV3-12*ap01

2477 sequences assigned
2465 (99.5%) exact matches, in which:
2465 unique CDR3
13 unique J



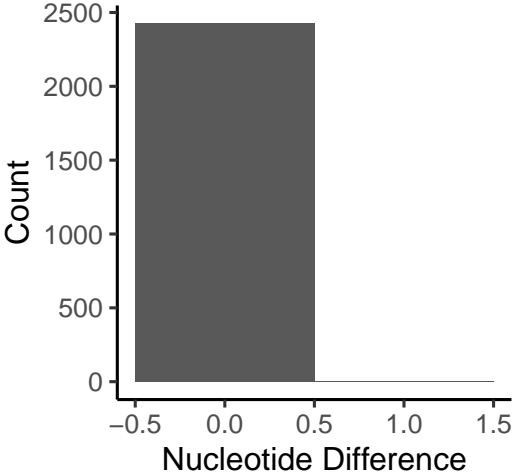
TRBV24-1*ap01

4388 sequences assigned
4367 (99.5%) exact matches, in which:
4356 unique CDR3
13 unique J



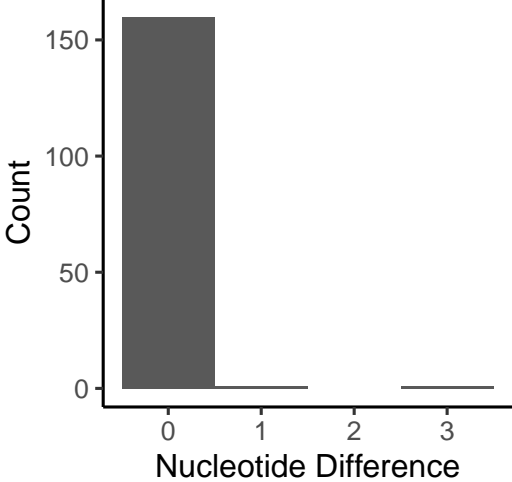
TRBV4-3*ap01

2432 sequences assigned
2426 (99.8%) exact matches, in which:
2420 unique CDR3
13 unique J



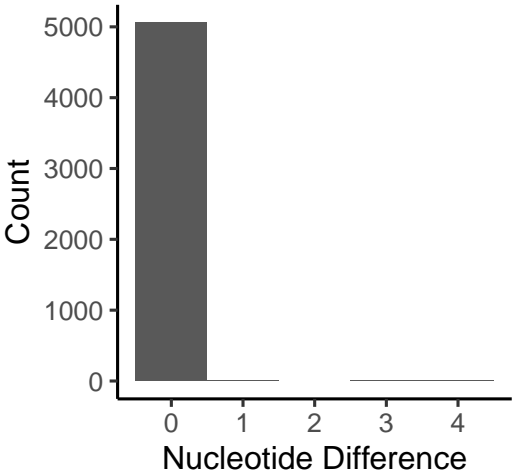
TRBV5-3*ap01

162 sequences assigned
160 (98.8%) exact matches, in which:
160 unique CDR3
13 unique J



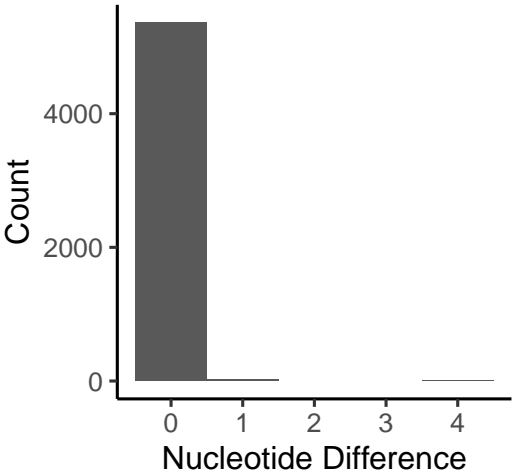
TRBV4-1*ap01

5068 sequences assigned
5058 (99.8%) exact matches, in which:
5051 unique CDR3
13 unique J



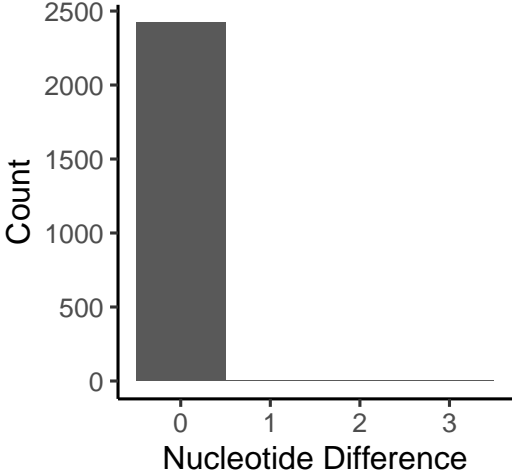
TRBV5-1*ap01

5384 sequences assigned
5361 (99.6%) exact matches, in which:
5355 unique CDR3
13 unique J



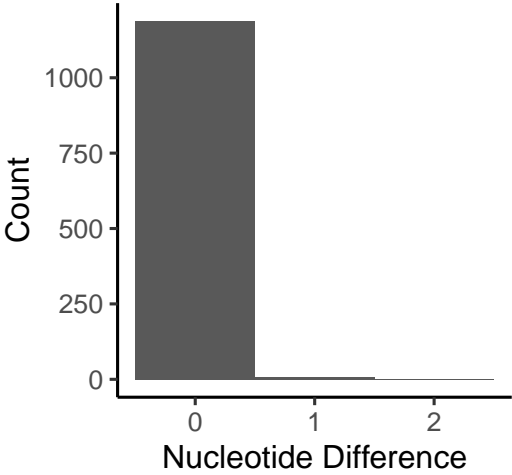
TRBV5-4*ap01

2426 sequences assigned
2421 (99.8%) exact matches, in which:
2419 unique CDR3
13 unique J



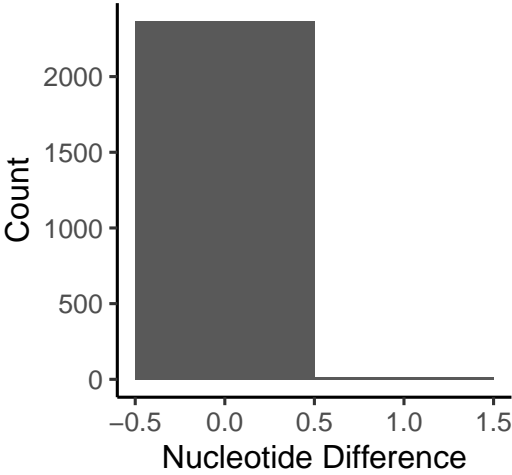
TRBV4-2*ap01

1197 sequences assigned
1188 (99.2%) exact matches, in which:
1184 unique CDR3
13 unique J



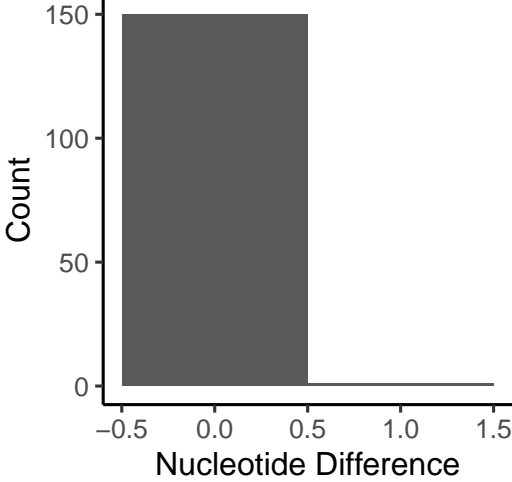
TRBV25-1*ap01

2384 sequences assigned
2367 (99.3%) exact matches, in which:
2360 unique CDR3
13 unique J



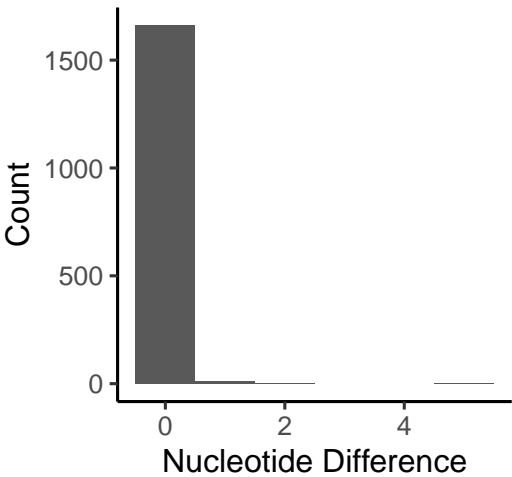
TRBV5-5*ap01

151 sequences assigned
150 (99.3%) exact matches, in which:
148 unique CDR3
13 unique J



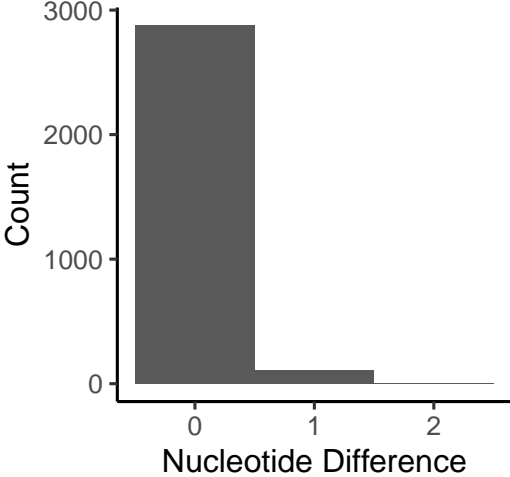
TRBV5-6*ap01

1675 sequences assigned
1661 (99.2%) exact matches, in which:
1657 unique CDR3
13 unique J



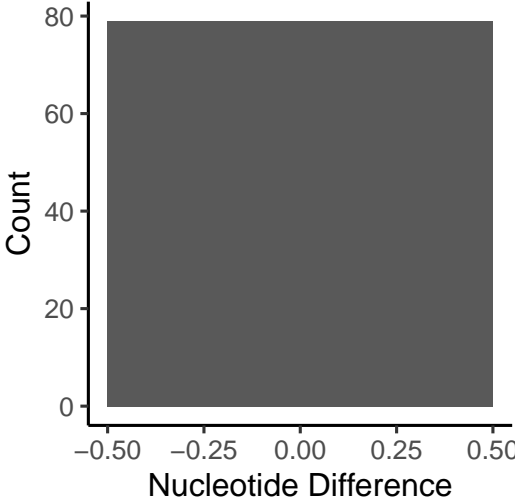
TRBV6-1*ap01

2987 sequences assigned
2877 (96.3%) exact matches, in which:
2868 unique CDR3
13 unique J



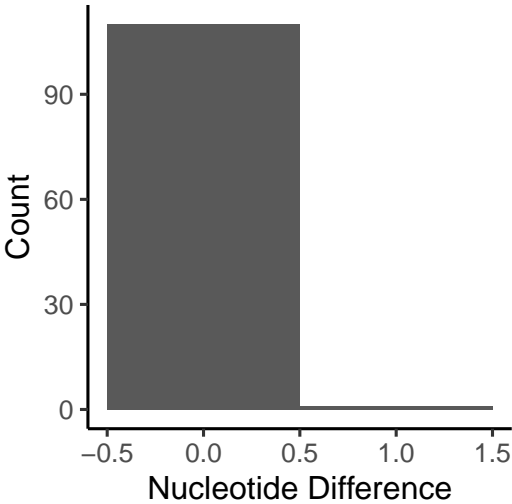
TRBV6-8*ap01

79 sequences assigned
79 (100%) exact matches, in which:
79 unique CDR3
12 unique J



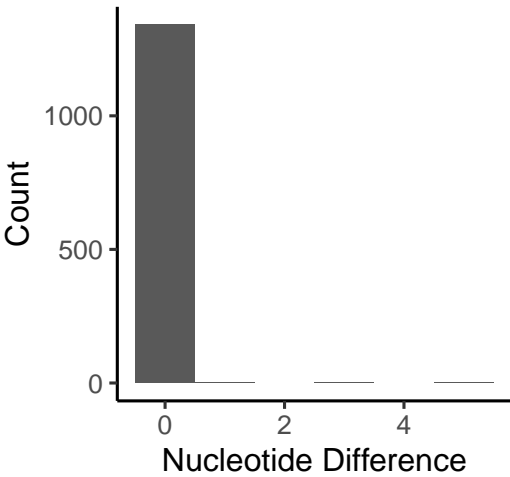
TRBV5-7*ap01

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



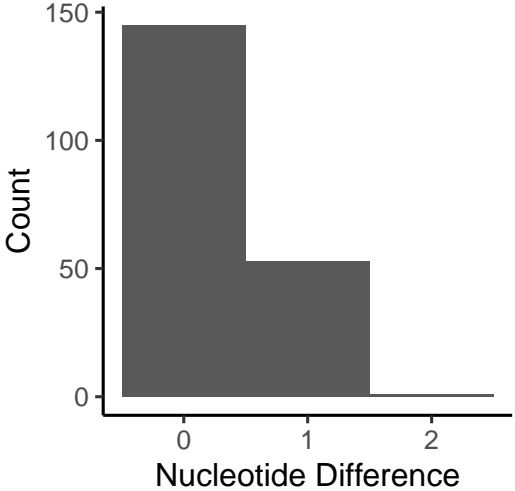
TRBV6-4*ap01

1347 sequences assigned
1341 (99.6%) exact matches, in which:
1340 unique CDR3
13 unique J



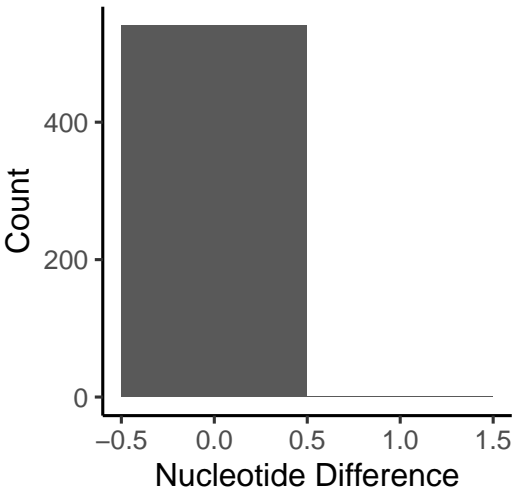
TRBV6-9*ap01

199 sequences assigned
145 (72.9%) exact matches, in which:
145 unique CDR3
13 unique J



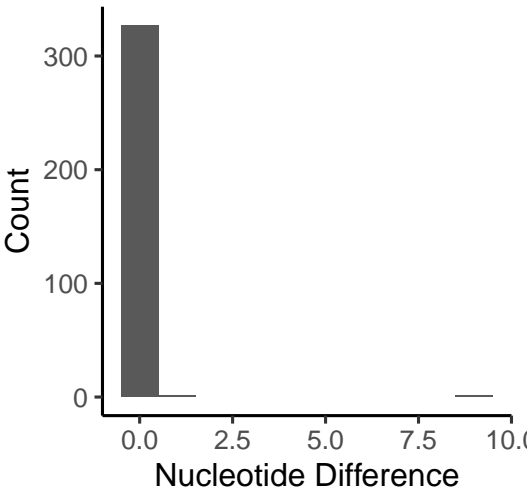
TRBV5-8*ap01

542 sequences assigned
541 (99.8%) exact matches, in which:
540 unique CDR3
13 unique J



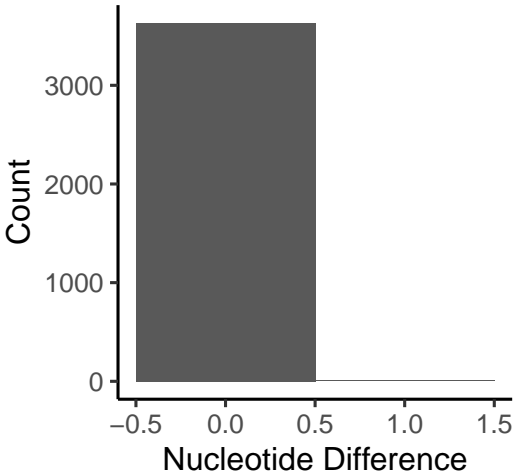
TRBV6-7*ap01

329 sequences assigned
327 (99.4%) exact matches, in which:
326 unique CDR3
13 unique J



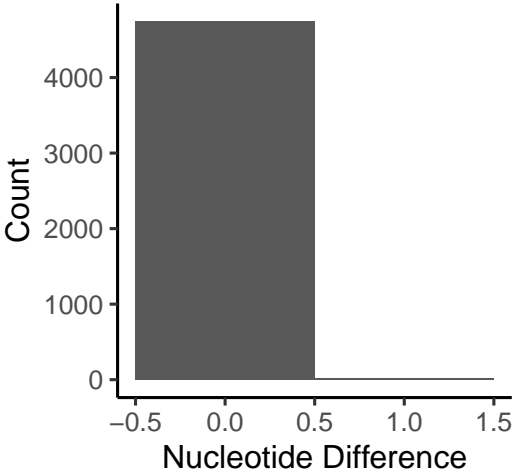
TRBV6-23*ap01

3641 sequences assigned
3631 (99.7%) exact matches, in which:
3623 unique CDR3
13 unique J



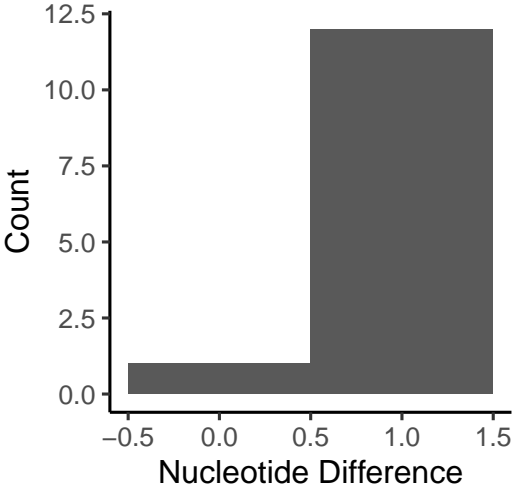
TRBV6-56*ap01

4762 sequences assigned
4743 (99.6%) exact matches, in which:
4730 unique CDR3
13 unique J



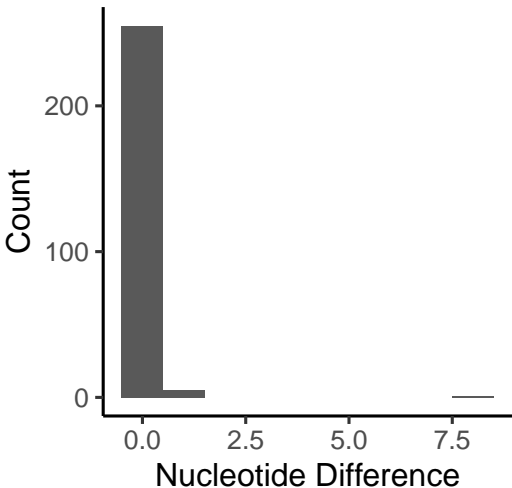
TRBV7-1*ap01_T296C_

13 sequences assigned
1 (7.7%) exact matches, in which:
1 unique CDR3
1 unique J



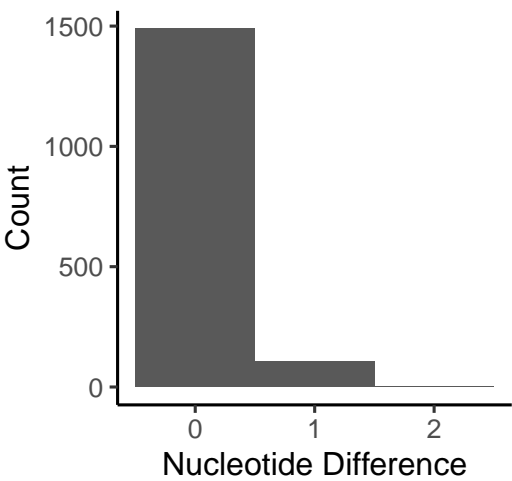
TRBV7-3*ap02

261 sequences assigned
255 (97.7%) exact matches, in which:
255 unique CDR3
11 unique J



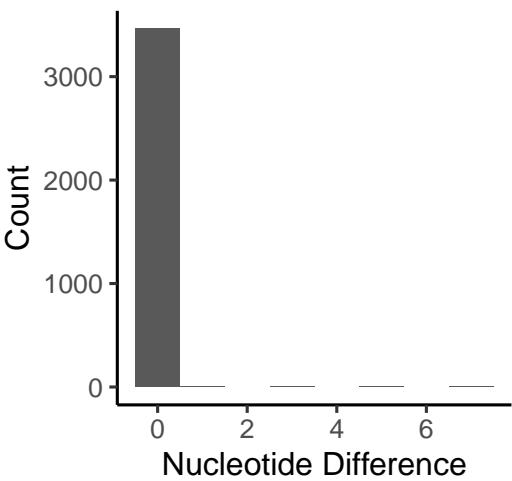
TRBV6-56*ap02

1598 sequences assigned
1489 (93.2%) exact matches, in which:
1484 unique CDR3
13 unique J



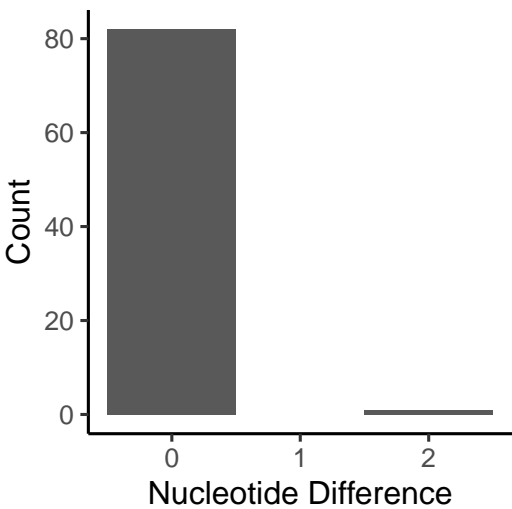
TRBV7-2*ap01

3475 sequences assigned
3463 (99.7%) exact matches, in which:
3459 unique CDR3
13 unique J



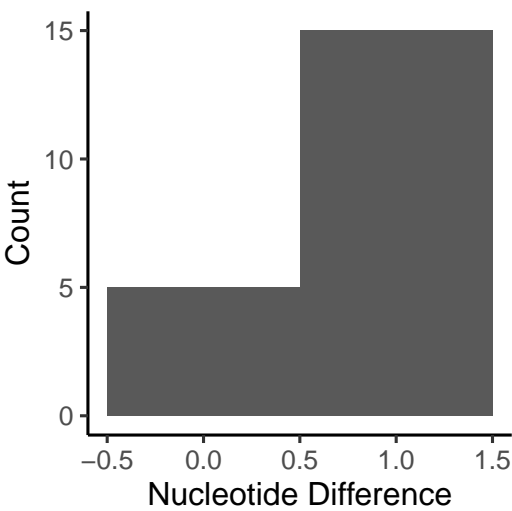
TRBV7-4*ap01

83 sequences assigned
82 (98.8%) exact matches, in which:
81 unique CDR3
11 unique J



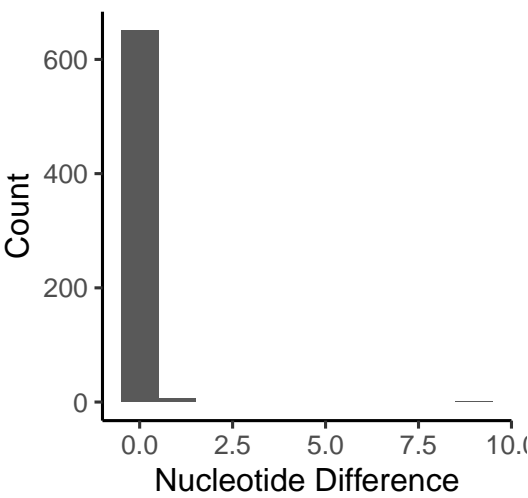
TRBV7-1*ap01_T296C

20 sequences assigned
5 (25%) exact matches, in which:
5 unique CDR3
4 unique J



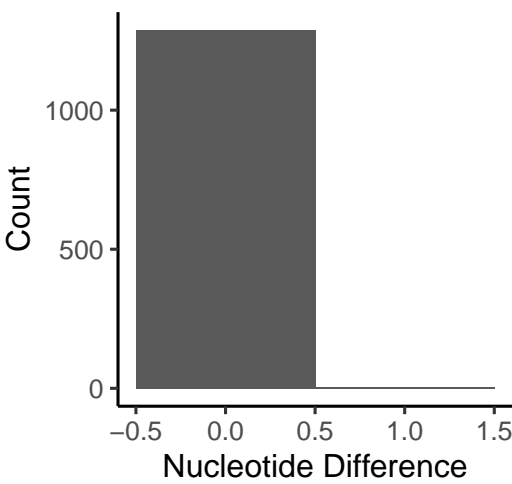
TRBV7-3*ap01

659 sequences assigned
651 (98.8%) exact matches, in which:
651 unique CDR3
13 unique J



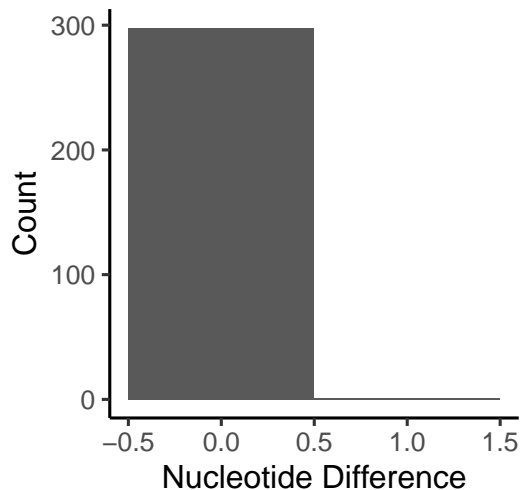
TRBV7-6*ap01

1292 sequences assigned
1288 (99.7%) exact matches, in which:
1287 unique CDR3
13 unique J



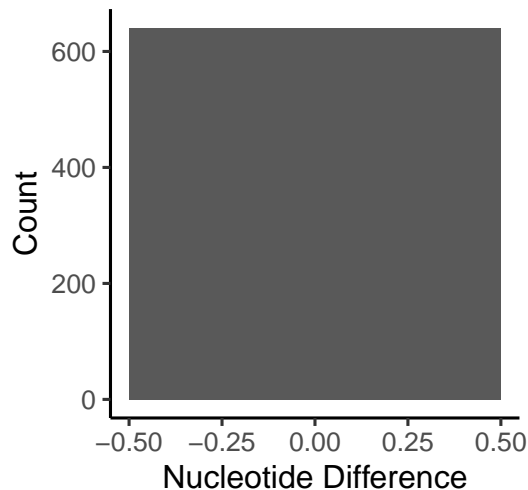
TRBV7-7*ap01

299 sequences assigned
298 (99.7%) exact matches, in which:
298 unique CDR3
13 unique J



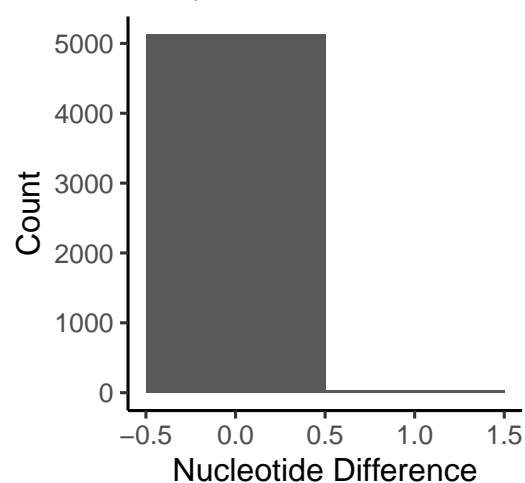
TRBV7-8*ap02

641 sequences assigned
641 (100%) exact matches, in which:
641 unique CDR3
13 unique J



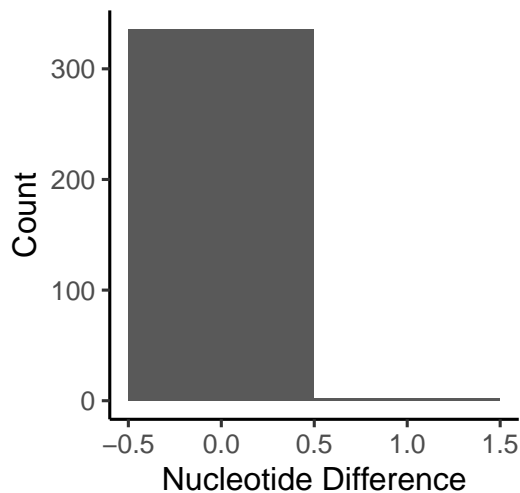
TRBV29-1*ap01

5159 sequences assigned
5129 (99.4%) exact matches, in which:
5103 unique CDR3
13 unique J



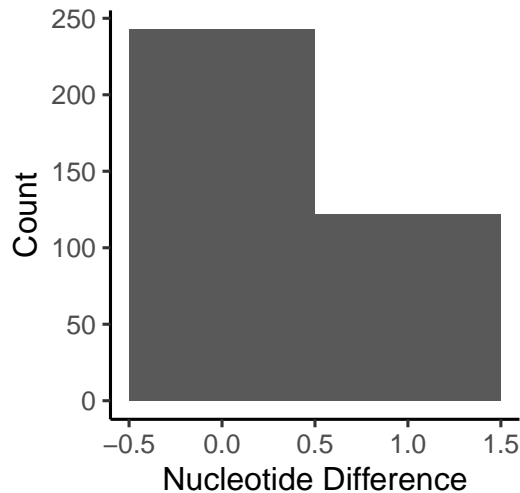
TRBV7-7*ap01_C315T

338 sequences assigned
336 (99.4%) exact matches, in which:
335 unique CDR3
13 unique J



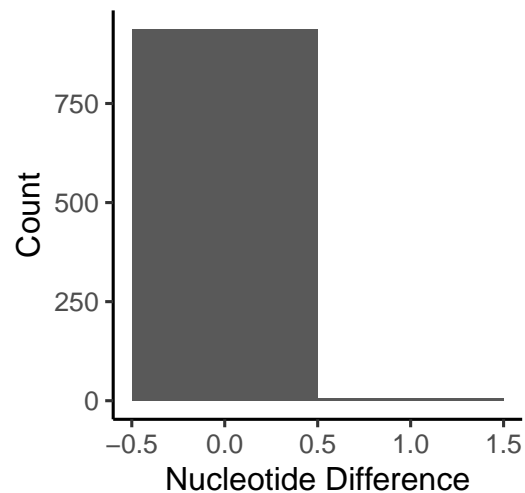
TRBV7-8*ap03

365 sequences assigned
243 (66.6%) exact matches, in which:
243 unique CDR3
13 unique J



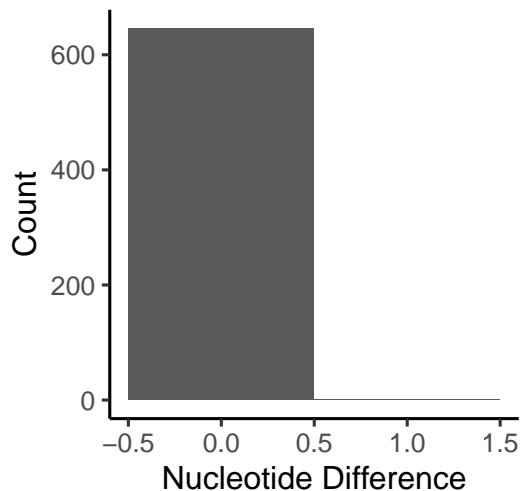
TRBV29-1*ap02

944 sequences assigned
938 (99.4%) exact matches, in which:
933 unique CDR3
13 unique J



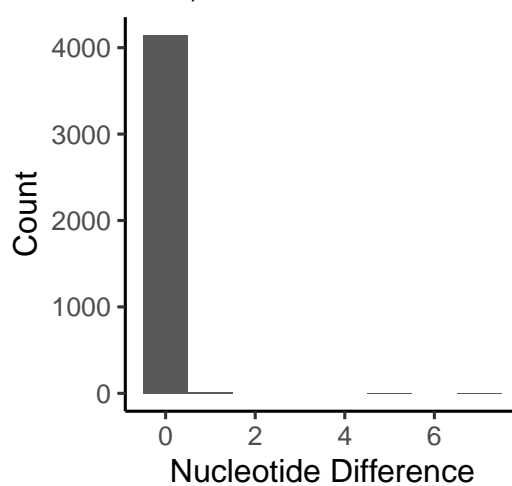
TRBV7-8*ap01

647 sequences assigned
646 (99.8%) exact matches, in which:
646 unique CDR3
13 unique J

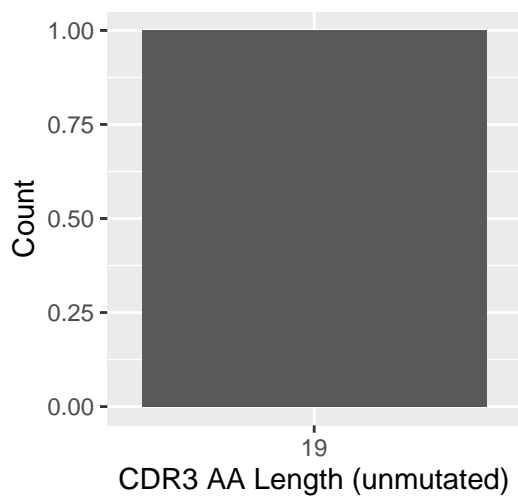


TRBV7-9*ap01

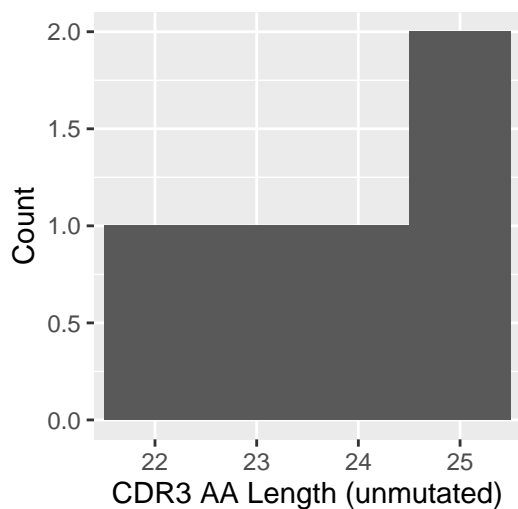
4163 sequences assigned
4146 (99.6%) exact matches, in which:
4143 unique CDR3
13 unique J



TRBV7-1*ap01_T296C_C314T



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T

