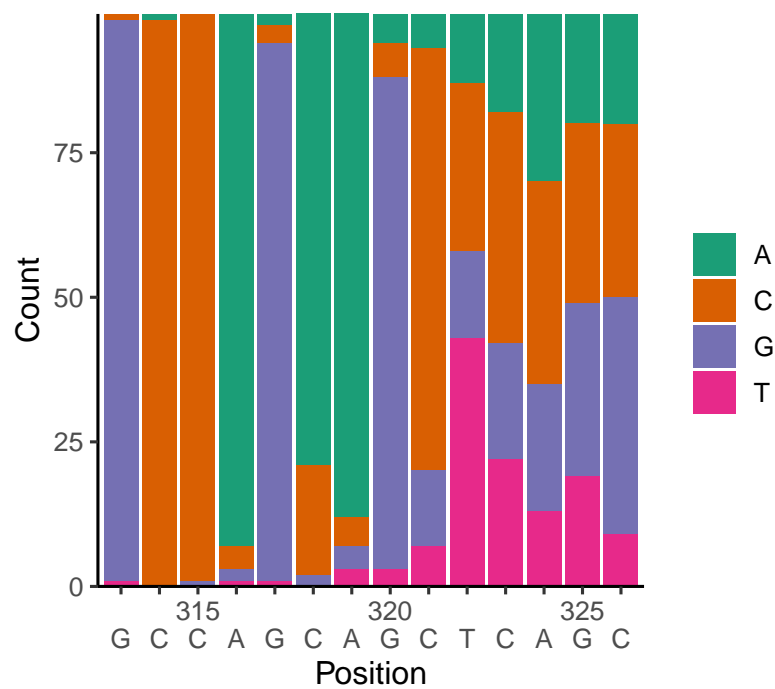
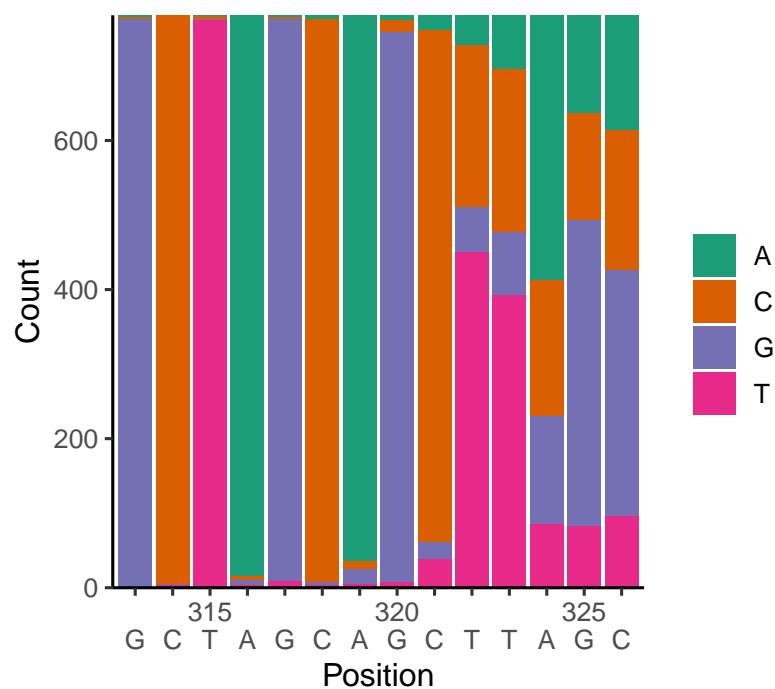


Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



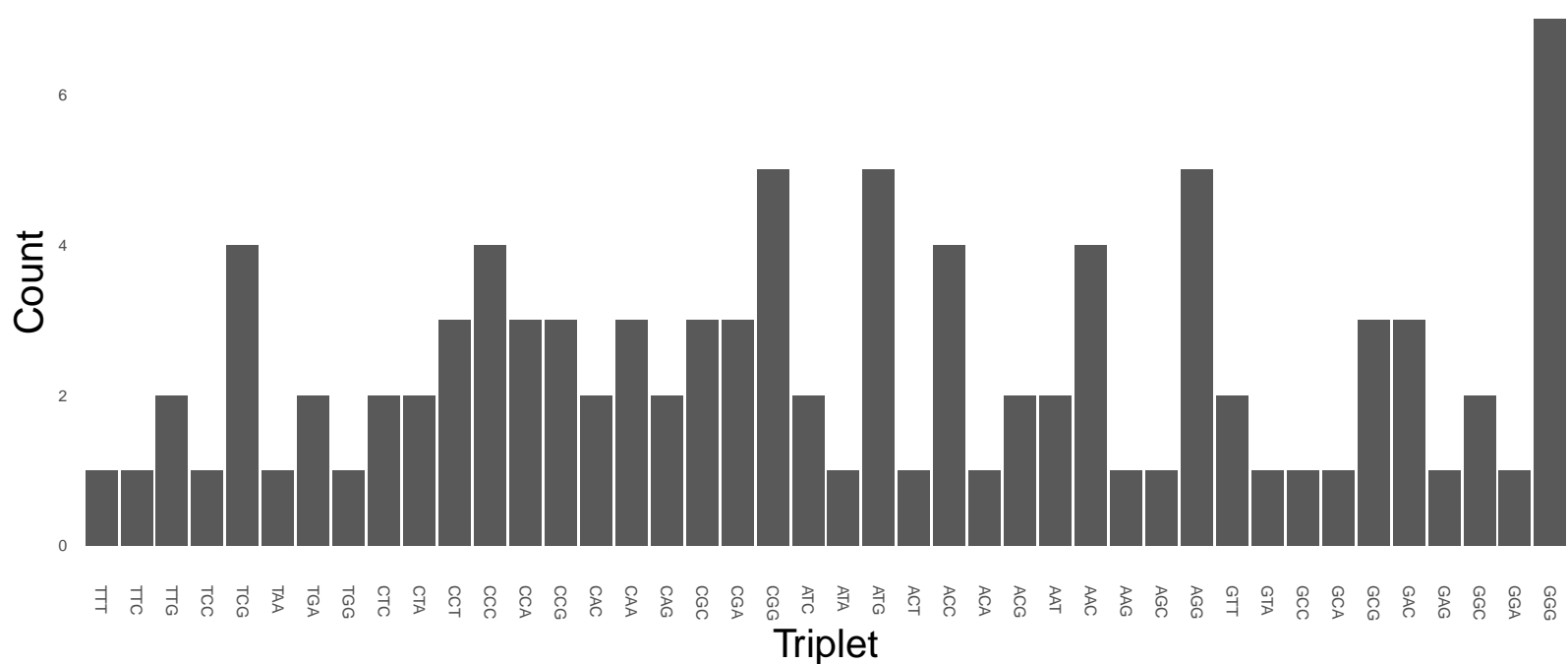
Gene TRBV7-1*ap01_T296C



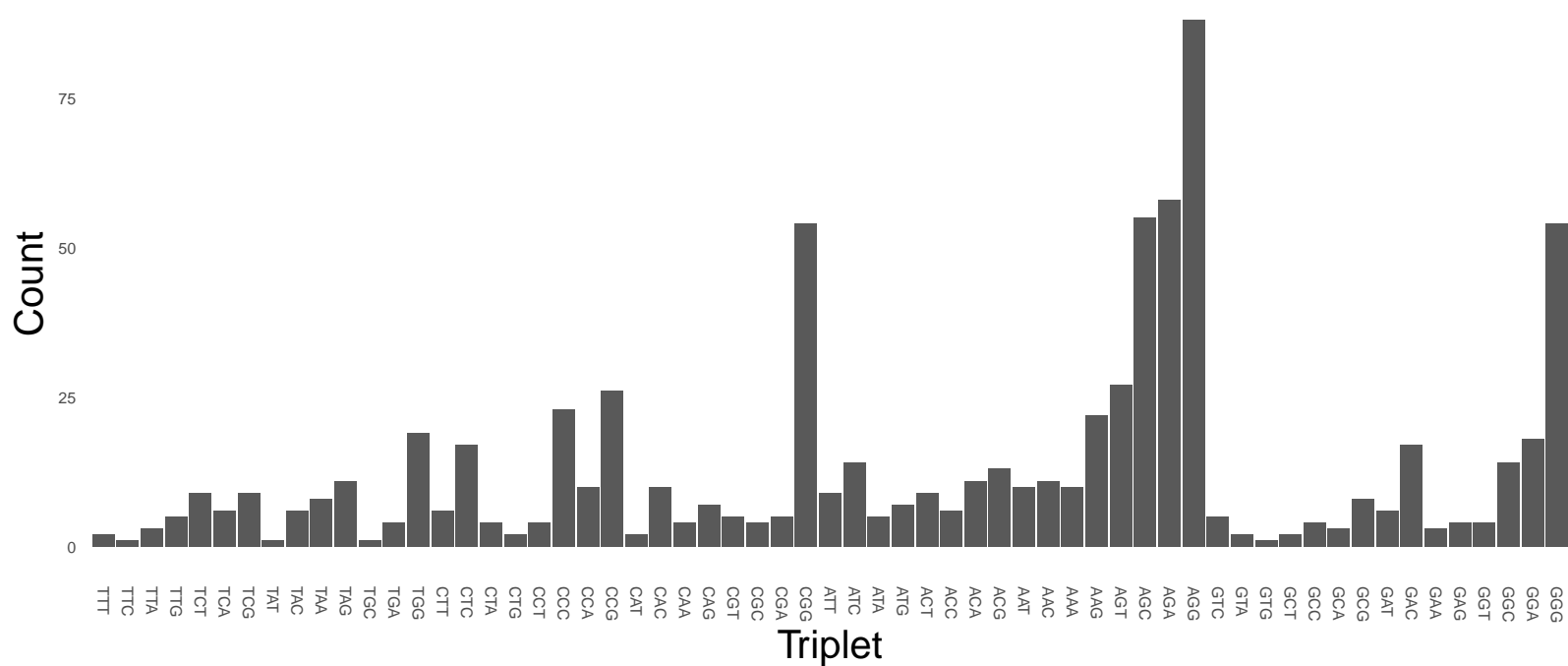
Gene TRBV7-7*ap01_C315T



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

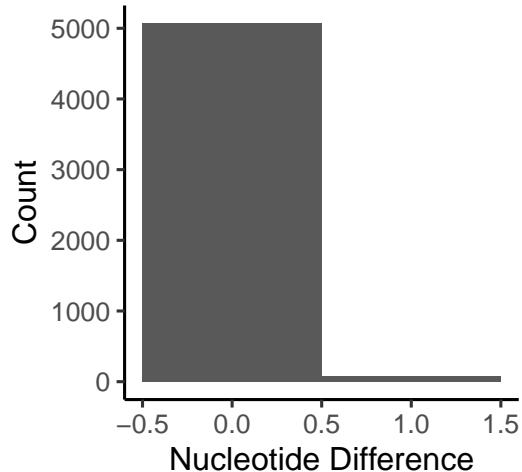


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



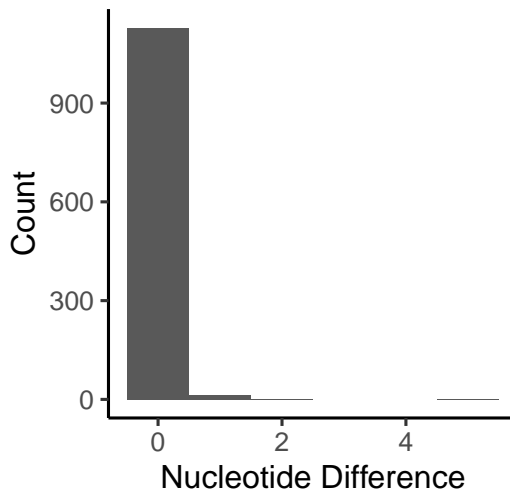
TRBV20-1*ap01

5144 sequences assigned
5069 (98.5%) exact matches, in which:
5009 unique CDR3
14 unique J



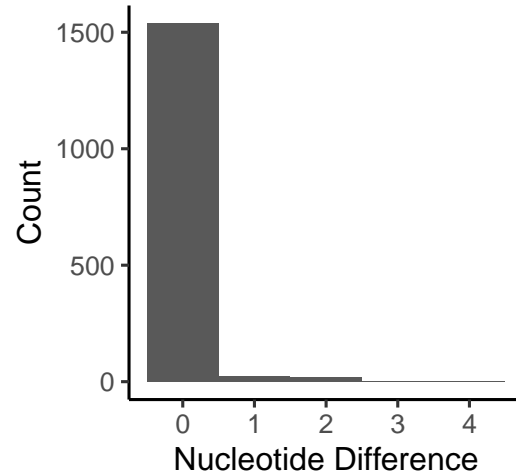
TRBV10-2*ap01

1145 sequences assigned
1129 (98.6%) exact matches, in which:
1098 unique CDR3
14 unique J



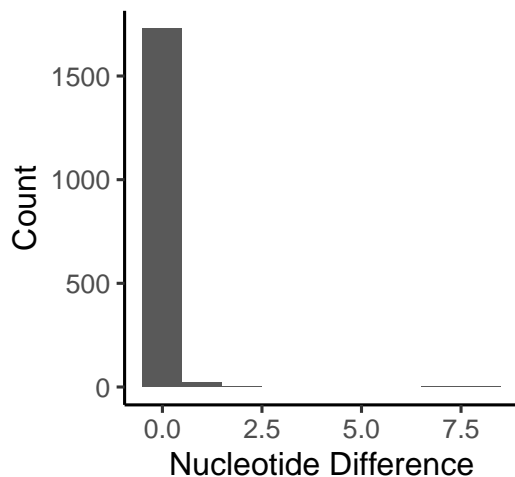
TRBV13*ap01

1583 sequences assigned
1538 (97.2%) exact matches, in which:
1512 unique CDR3
14 unique J



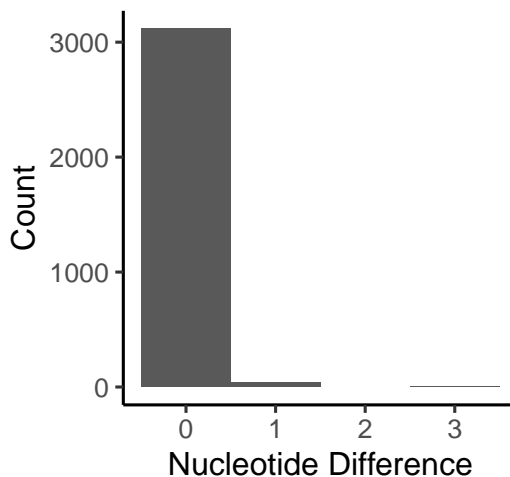
TRBV10-1*ap01

1751 sequences assigned
1728 (98.7%) exact matches, in which:
1705 unique CDR3
14 unique J



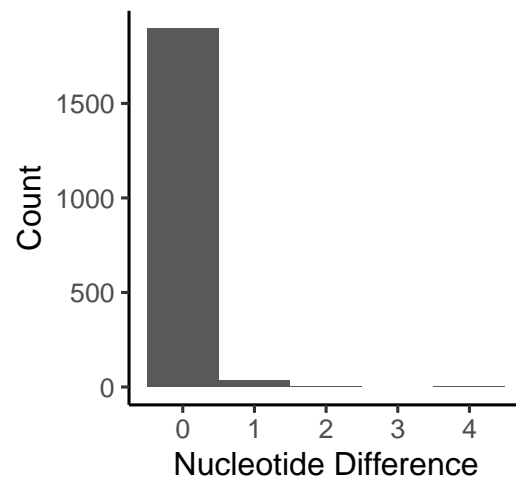
TRBV10-3*ap01

3156 sequences assigned
3117 (98.8%) exact matches, in which:
3060 unique CDR3
14 unique J



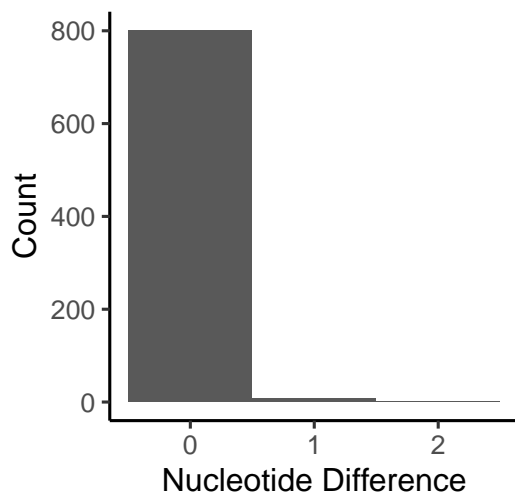
TRBV14*ap01

1934 sequences assigned
1895 (98%) exact matches, in which:
1868 unique CDR3
14 unique J



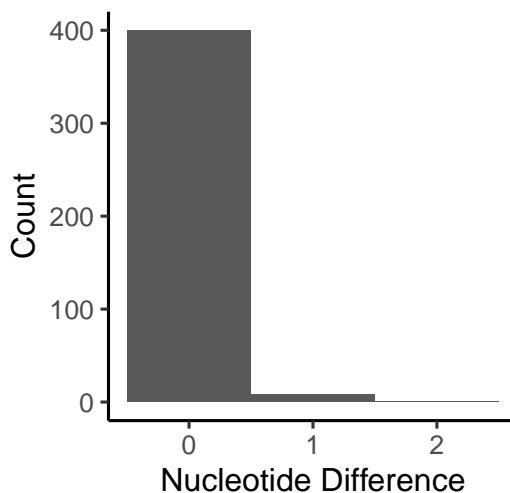
TRBV20-1*ap02

809 sequences assigned
801 (99%) exact matches, in which:
789 unique CDR3
14 unique J



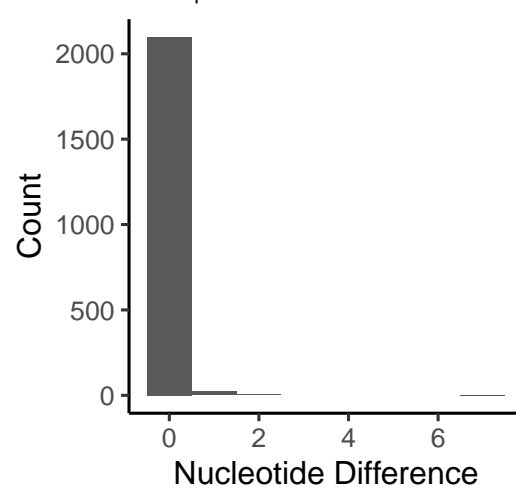
TRBV1*ap01

409 sequences assigned
400 (97.8%) exact matches, in which:
391 unique CDR3
14 unique J



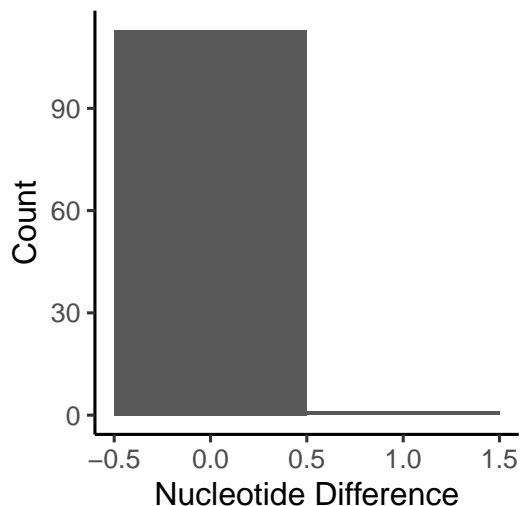
TRBV15*ap02

2127 sequences assigned
2098 (98.6%) exact matches, in which:
2057 unique CDR3
14 unique J



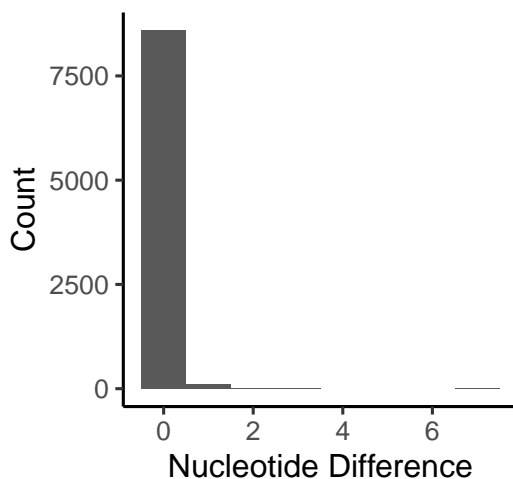
TRBV16*ap01

114 sequences assigned
113 (99.1%) exact matches, in which:
110 unique CDR3
14 unique J



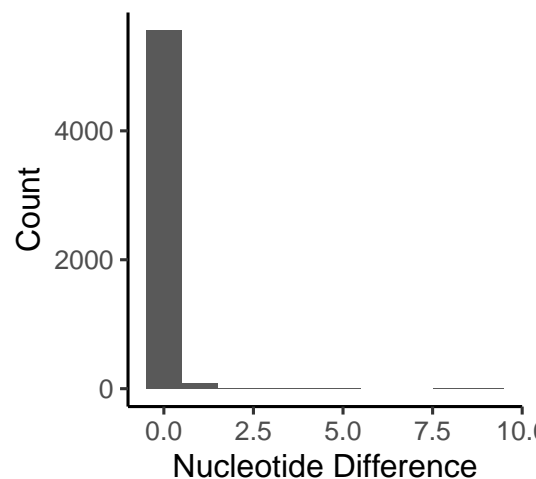
TRBV19*ap01

8711 sequences assigned
8591 (98.6%) exact matches, in which:
8511 unique CDR3
14 unique J



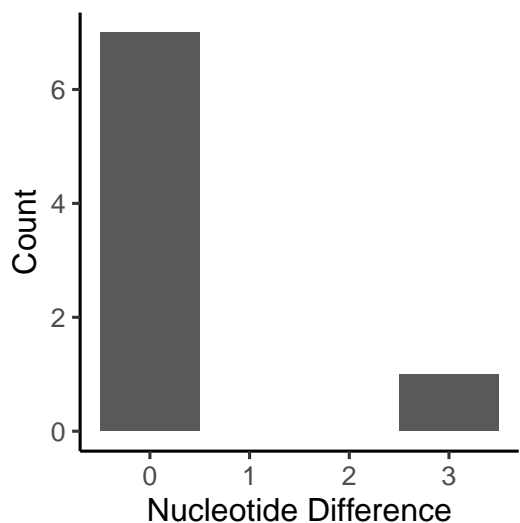
TRBV27*ap01

5649 sequences assigned
5558 (98.4%) exact matches, in which:
5463 unique CDR3
14 unique J



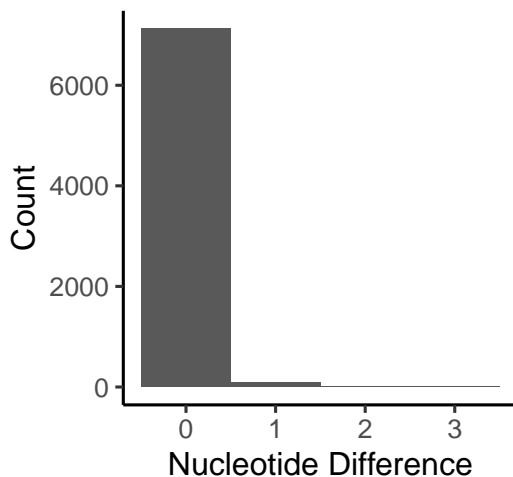
TRBV17*ap01

8 sequences assigned
7 (87.5%) exact matches, in which:
7 unique CDR3
4 unique J



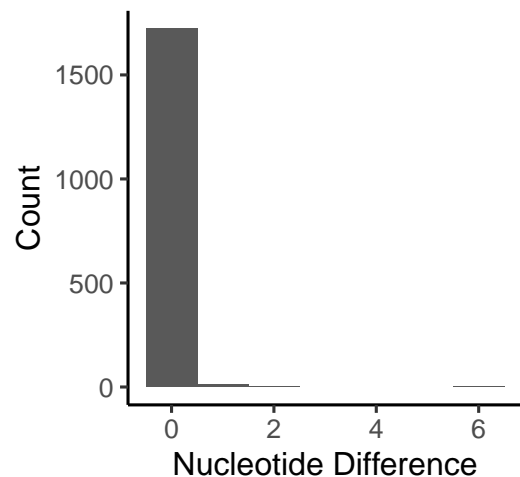
TRBV2*ap01

7214 sequences assigned
7124 (98.8%) exact matches, in which:
7009 unique CDR3
14 unique J



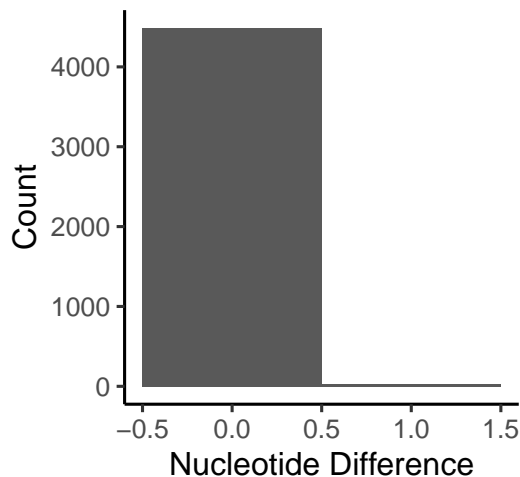
TRBV28*ap01

1734 sequences assigned
1722 (99.3%) exact matches, in which:
1691 unique CDR3
14 unique J



TRBV18*ap01

4517 sequences assigned
4486 (99.3%) exact matches, in which:
4446 unique CDR3
14 unique J



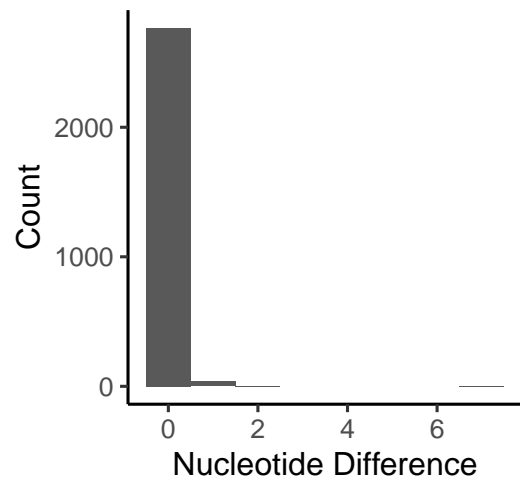
TRBV26*ap01

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



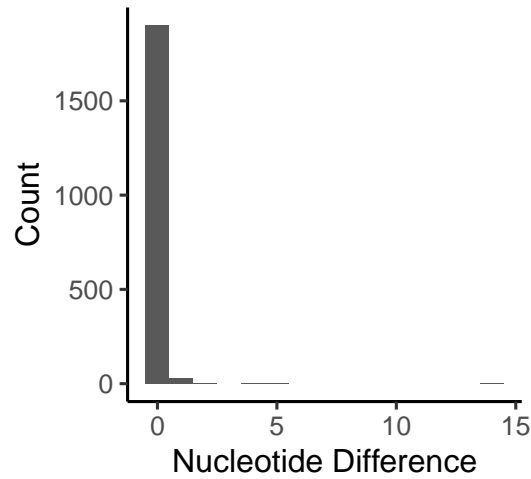
TRBV30*ap01

2809 sequences assigned
2766 (98.5%) exact matches, in which:
2740 unique CDR3
14 unique J



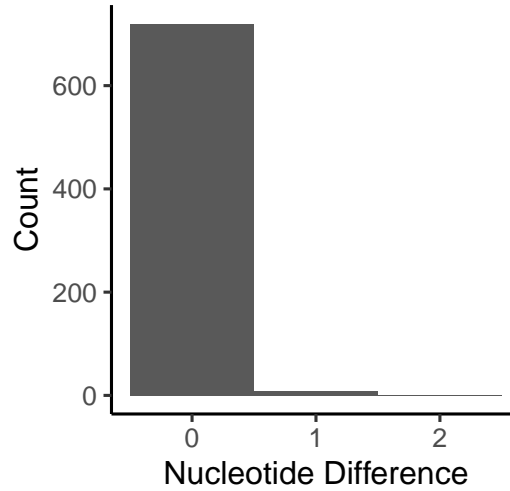
TRBV30*ap02

1932 sequences assigned
1900 (98.3%) exact matches, in which:
1886 unique CDR3
14 unique J



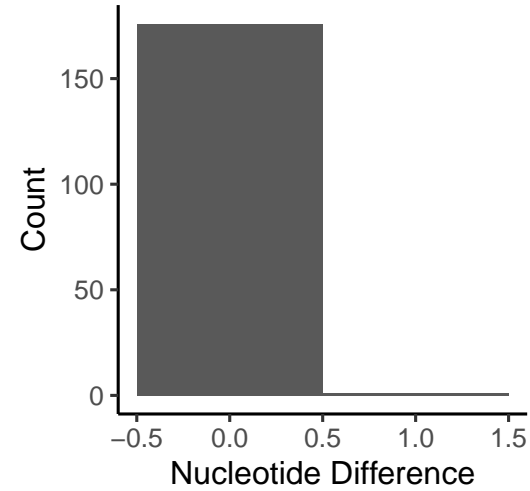
TRBV11-1*ap01

730 sequences assigned
720 (98.6%) exact matches, in which:
714 unique CDR3
14 unique J



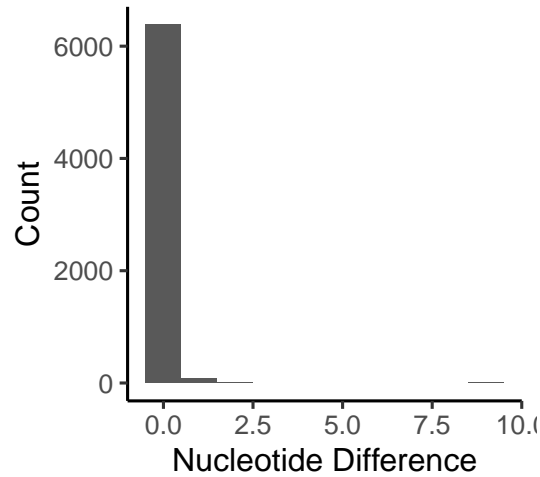
TRBV12-1*ap01

177 sequences assigned
176 (99.4%) exact matches, in which:
171 unique CDR3
14 unique J



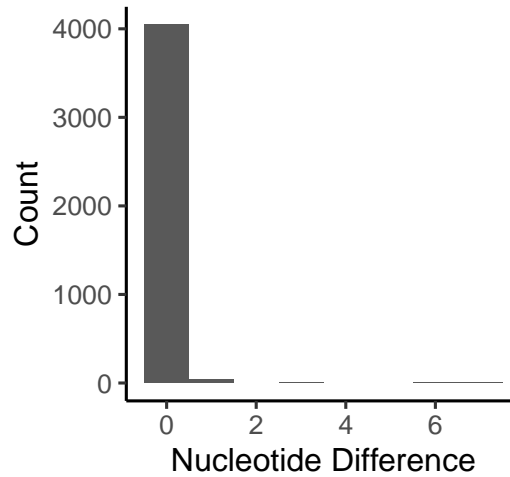
TRBV9*ap01

6461 sequences assigned
6382 (98.8%) exact matches, in which:
6277 unique CDR3
14 unique J



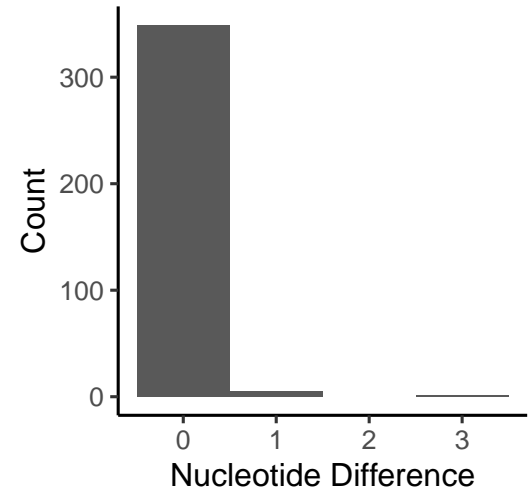
TRBV11-2*ap01

4092 sequences assigned
4046 (98.9%) exact matches, in which:
3979 unique CDR3
14 unique J



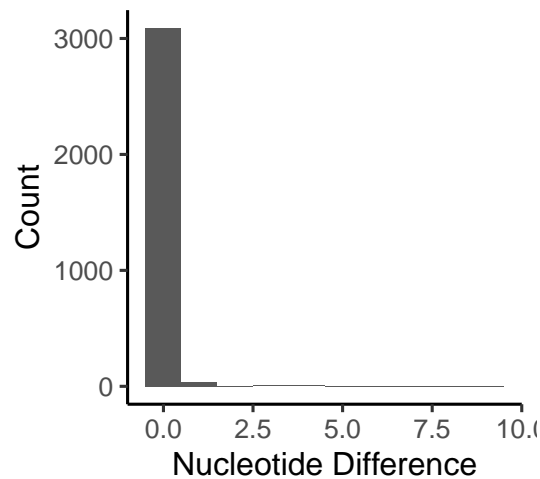
TRBV12-2*ap01

355 sequences assigned
349 (98.3%) exact matches, in which:
344 unique CDR3
14 unique J



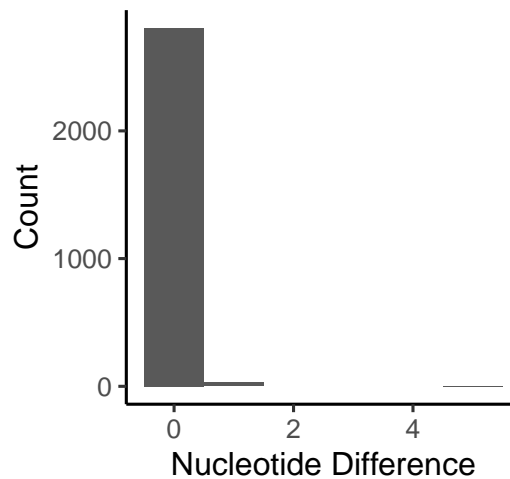
TRBV21-1*ap01

3152 sequences assigned
3090 (98%) exact matches, in which:
3034 unique CDR3
14 unique J



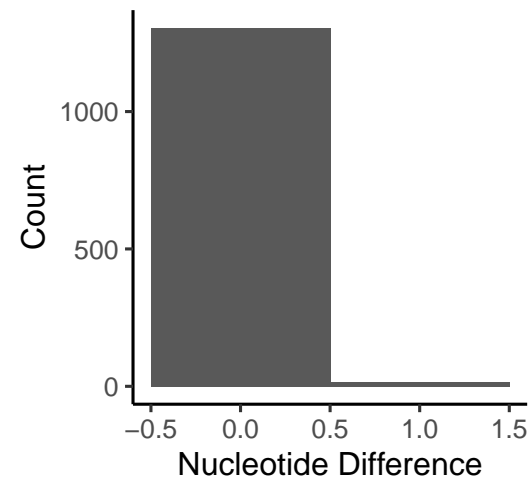
TRBV11-3*ap01

2835 sequences assigned
2805 (98.9%) exact matches, in which:
2776 unique CDR3
14 unique J



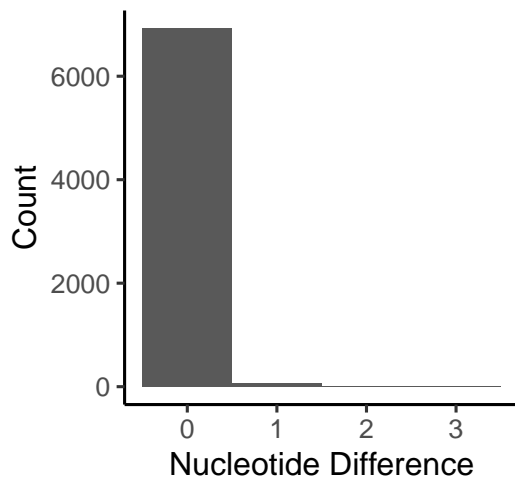
TRBV12-5*ap01

1320 sequences assigned
1304 (98.8%) exact matches, in which:
1285 unique CDR3
14 unique J



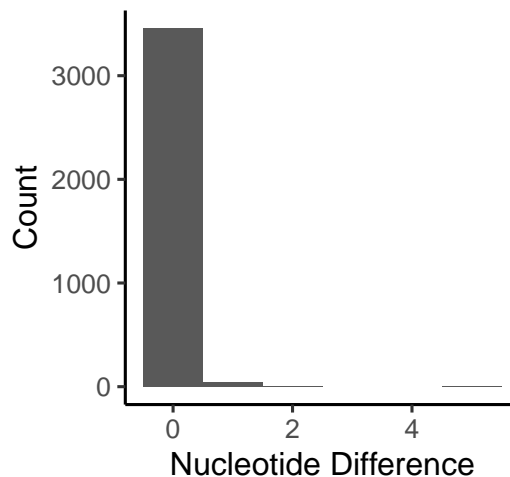
TRBV12-34*ap01

7010 sequences assigned
6924 (98.8%) exact matches, in which:
6823 unique CDR3
14 unique J



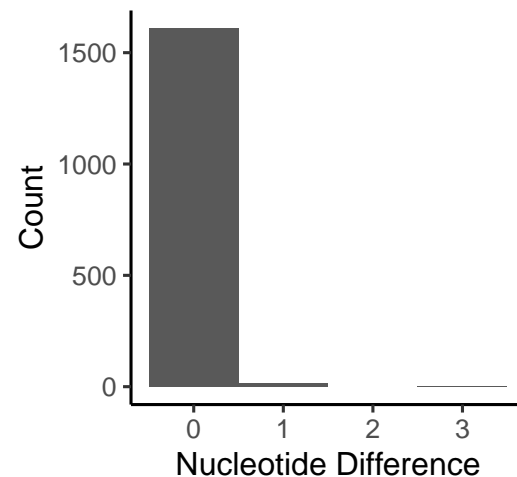
TRBV4-1*ap01

3505 sequences assigned
3456 (98.6%) exact matches, in which:
3418 unique CDR3
14 unique J



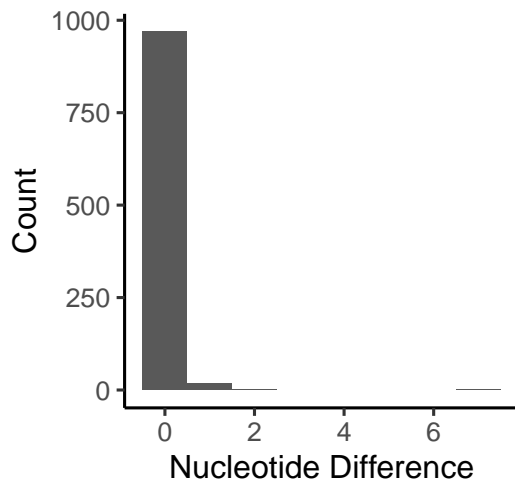
TRBV25-1*ap01

1627 sequences assigned
1609 (98.9%) exact matches, in which:
1593 unique CDR3
14 unique J



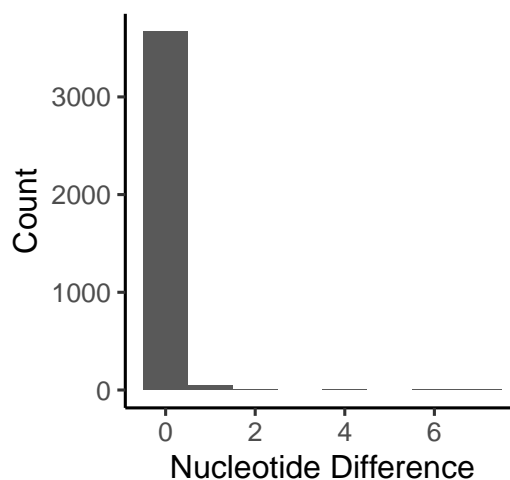
TRBV23-1*ap01

990 sequences assigned
969 (97.9%) exact matches, in which:
947 unique CDR3
14 unique J



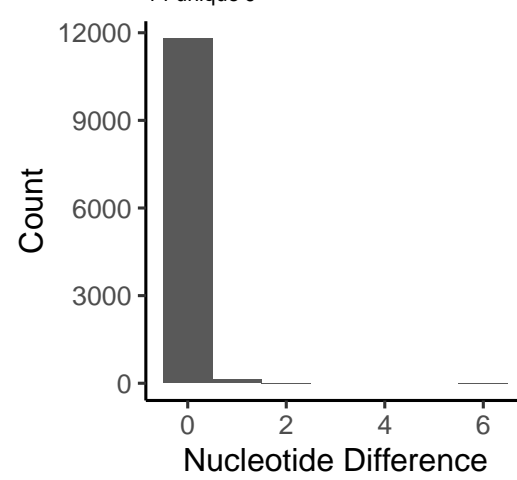
TRBV24-1*ap01

3718 sequences assigned
3667 (98.6%) exact matches, in which:
3631 unique CDR3
14 unique J



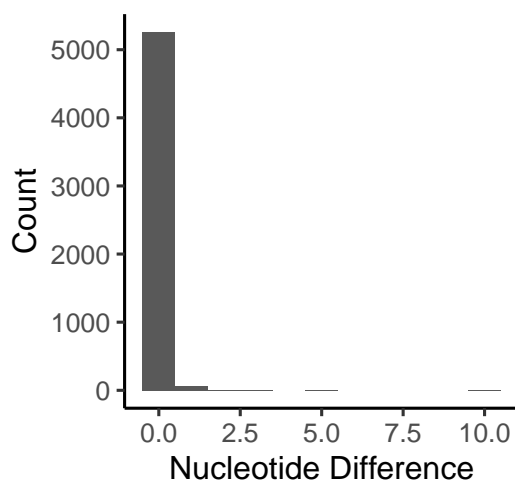
TRBV5-1*ap01

11931 sequences assigned
11804 (98.9%) exact matches, in which:
11608 unique CDR3
14 unique J



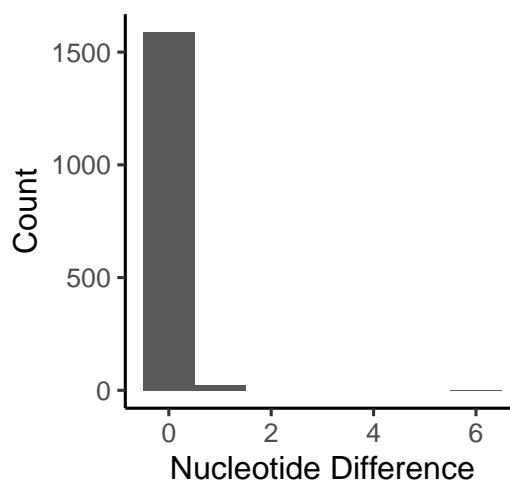
TRBV3-12*ap01

5332 sequences assigned
5259 (98.6%) exact matches, in which:
5180 unique CDR3
14 unique J



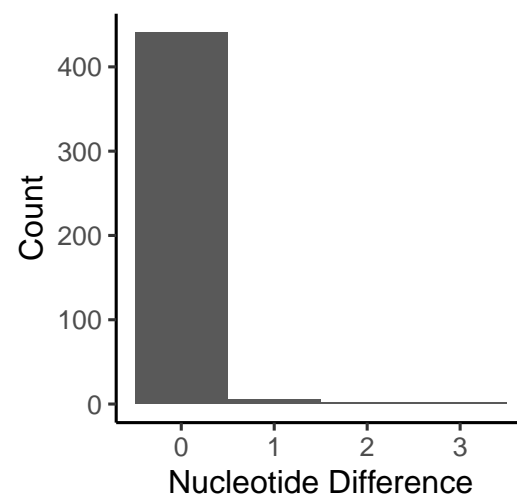
TRBV4-2*ap01

1615 sequences assigned
1589 (98.4%) exact matches, in which:
1573 unique CDR3
14 unique J



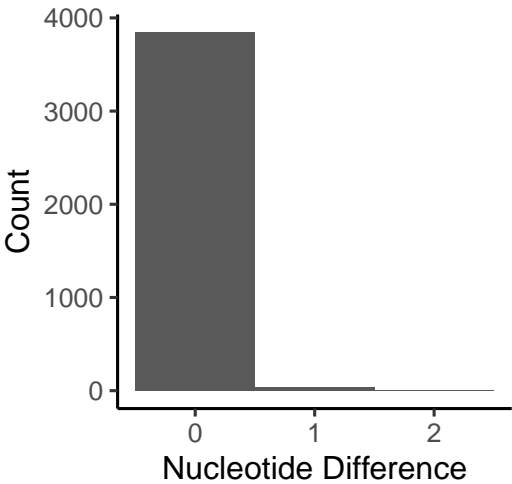
TRBV5-3*ap01

450 sequences assigned
441 (98%) exact matches, in which:
431 unique CDR3
14 unique J



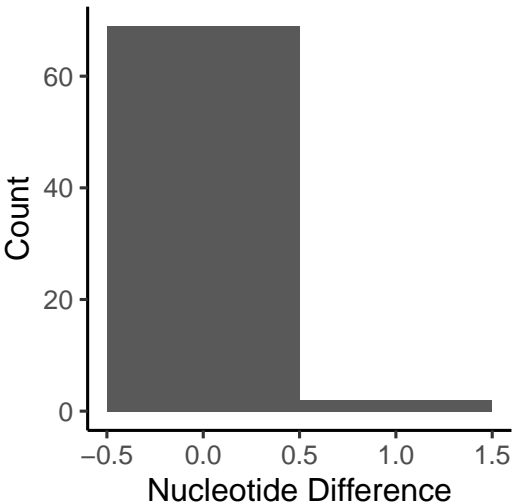
TRBV5-4*ap01

3888 sequences assigned
3844 (98.9%) exact matches, in which:
3786 unique CDR3
15 unique J



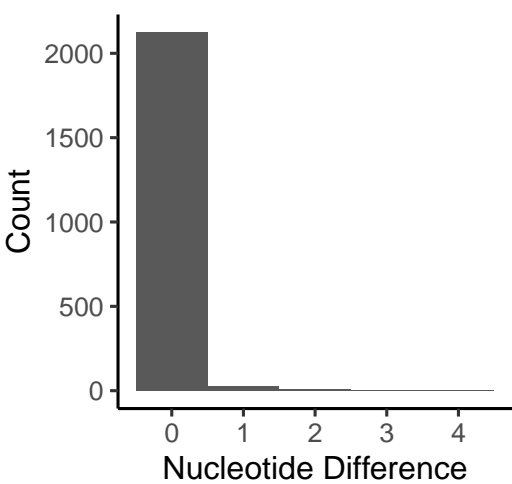
TRBV5-7*ap01

71 sequences assigned
69 (97.2%) exact matches, in which:
68 unique CDR3
13 unique J



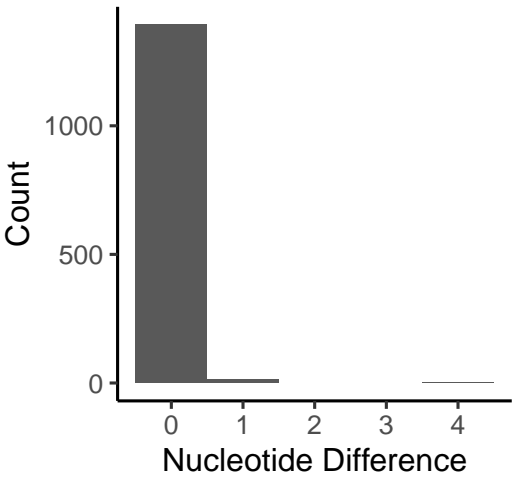
TRBV6-4*ap01

2158 sequences assigned
2124 (98.4%) exact matches, in which:
2089 unique CDR3
14 unique J



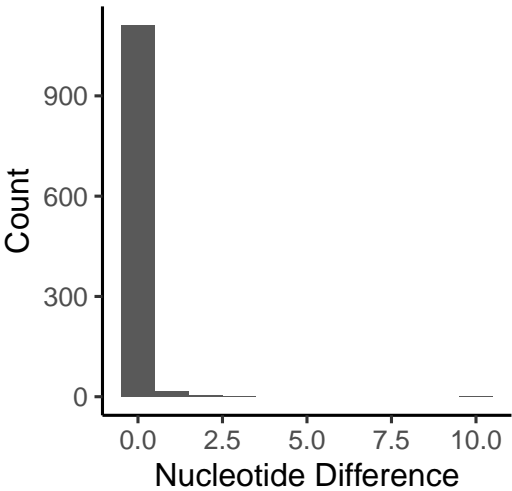
TRBV5-5*ap01

1406 sequences assigned
1393 (99.1%) exact matches, in which:
1375 unique CDR3
14 unique J



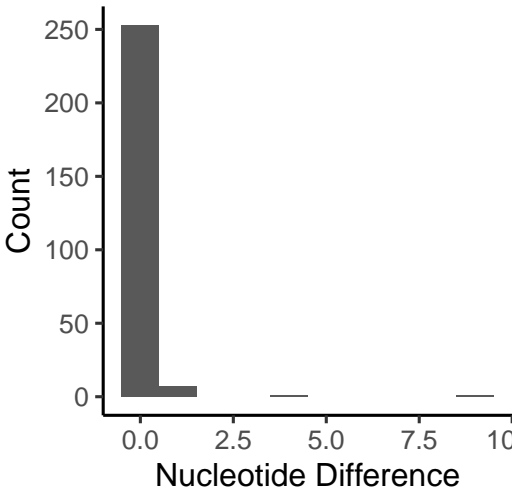
TRBV5-8*ap01

1137 sequences assigned
1112 (97.8%) exact matches, in which:
1092 unique CDR3
14 unique J



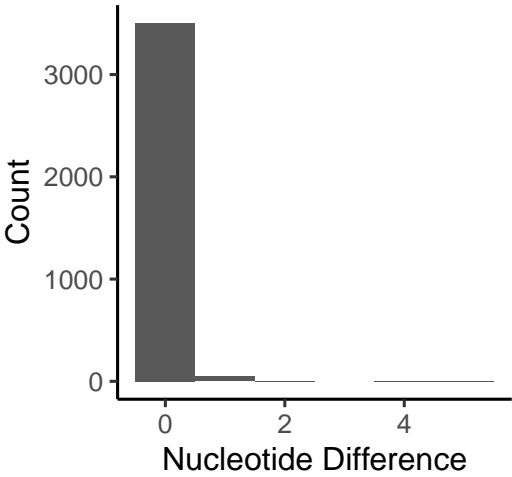
TRBV6-7*ap01

262 sequences assigned
253 (96.6%) exact matches, in which:
250 unique CDR3
14 unique J



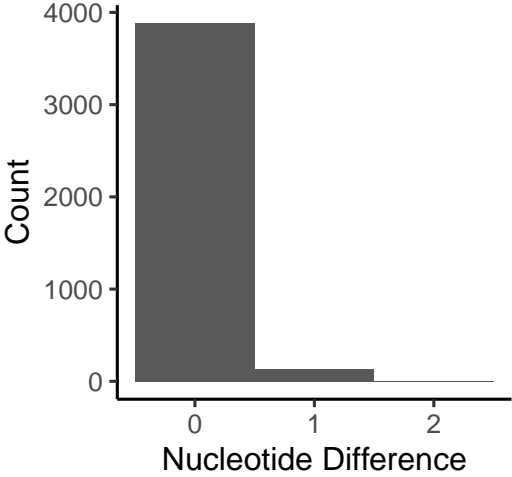
TRBV5-6*ap01

3559 sequences assigned
3504 (98.5%) exact matches, in which:
3426 unique CDR3
14 unique J



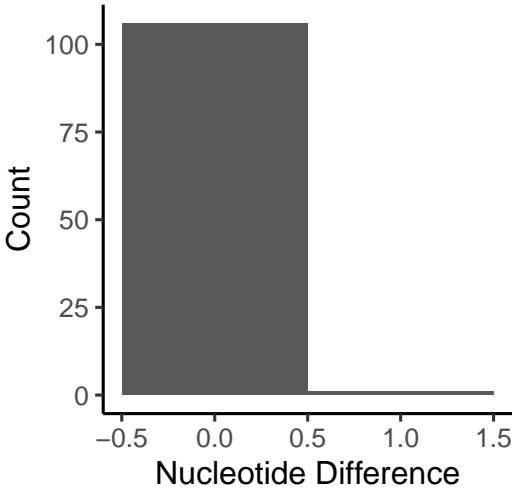
TRBV6-1*ap01

4021 sequences assigned
3885 (96.6%) exact matches, in which:
3810 unique CDR3
14 unique J



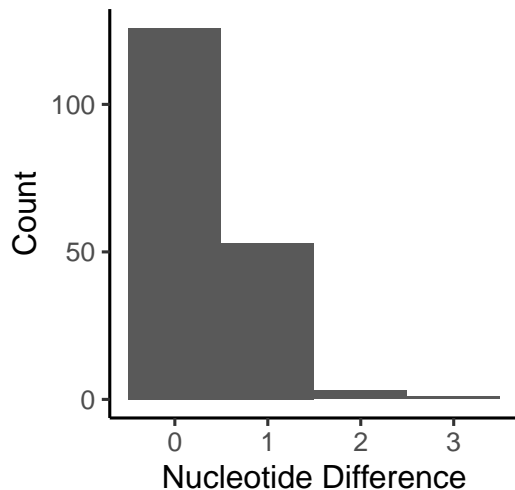
TRBV6-8*ap01

107 sequences assigned
106 (99.1%) exact matches, in which:
102 unique CDR3
14 unique J



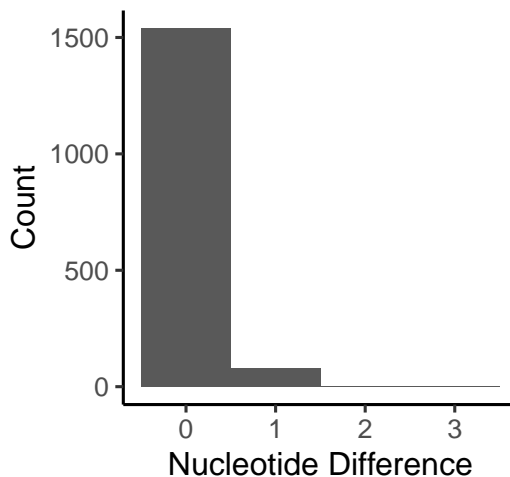
TRBV6-9*ap01

183 sequences assigned
126 (68.9%) exact matches, in which:
122 unique CDR3
14 unique J



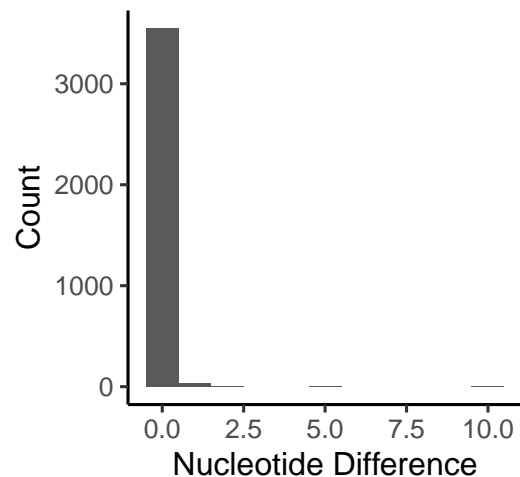
TRBV6-56*ap02

1622 sequences assigned
1539 (94.9%) exact matches, in which:
1518 unique CDR3
14 unique J



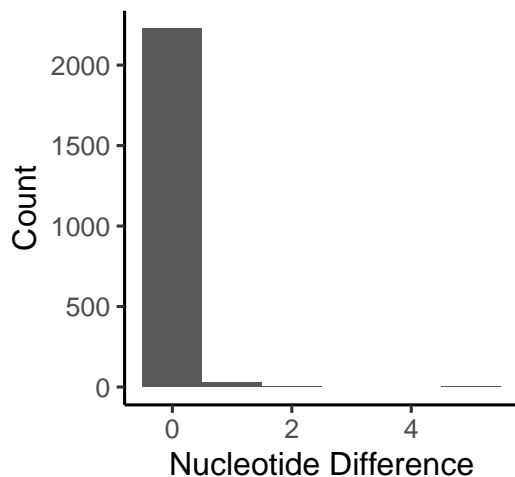
TRBV7-3*ap01

3587 sequences assigned
3548 (98.9%) exact matches, in which:
3487 unique CDR3
14 unique J



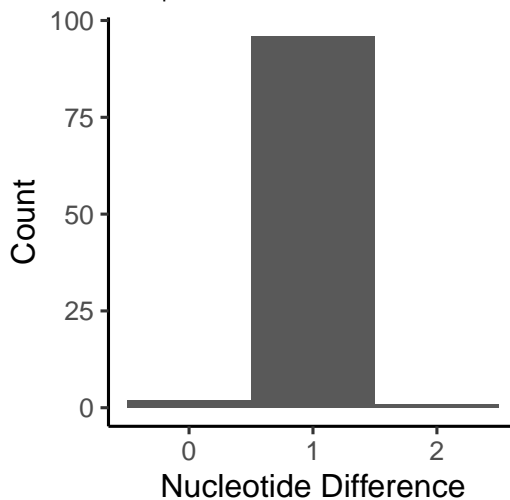
TRBV6-23*ap01

2257 sequences assigned
2226 (98.6%) exact matches, in which:
2191 unique CDR3
14 unique J



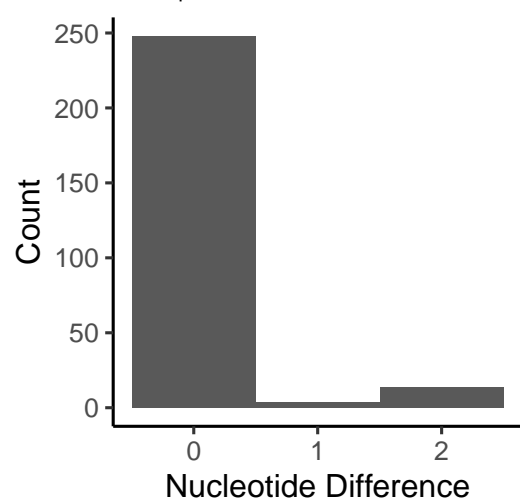
TRBV7-1*ap01_T296C

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



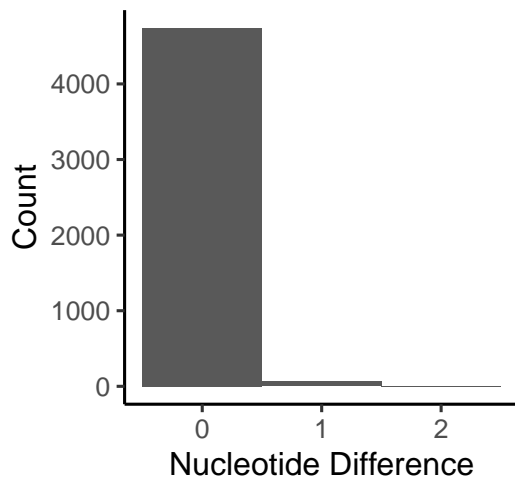
TRBV7-4*ap01

266 sequences assigned
248 (93.2%) exact matches, in which:
242 unique CDR3
14 unique J



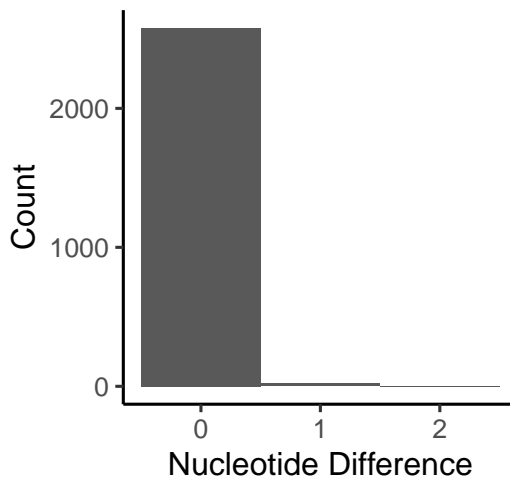
TRBV6-56*ap01

4806 sequences assigned
4739 (98.6%) exact matches, in which:
4673 unique CDR3
14 unique J



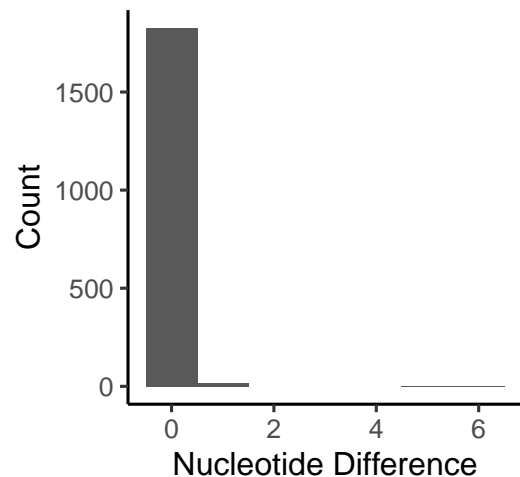
TRBV7-2*ap01

2600 sequences assigned
2578 (99.2%) exact matches, in which:
2550 unique CDR3
14 unique J



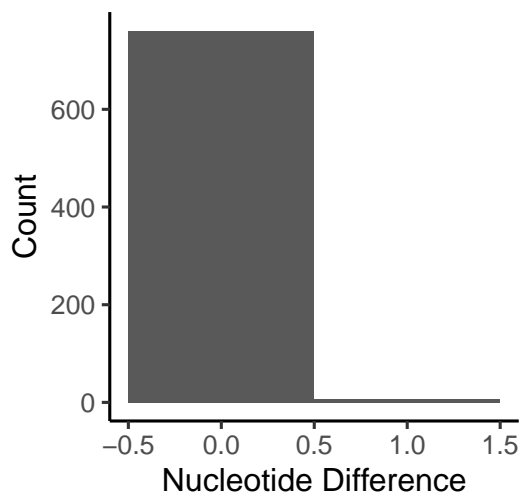
TRBV7-6*ap01

1846 sequences assigned
1826 (98.9%) exact matches, in which:
1802 unique CDR3
14 unique J



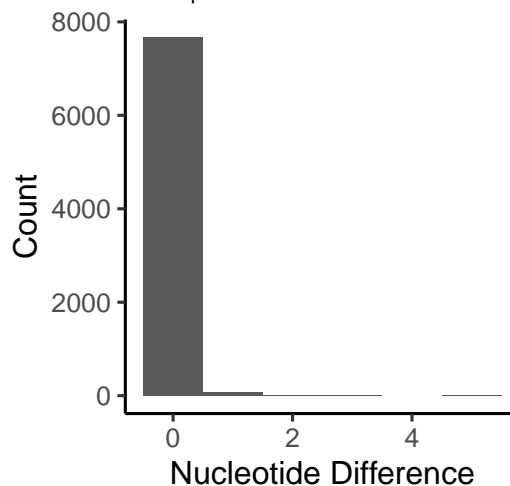
TRBV7-7*ap01_C315T

768 sequences assigned
761 (99.1%) exact matches, in which:
751 unique CDR3
14 unique J



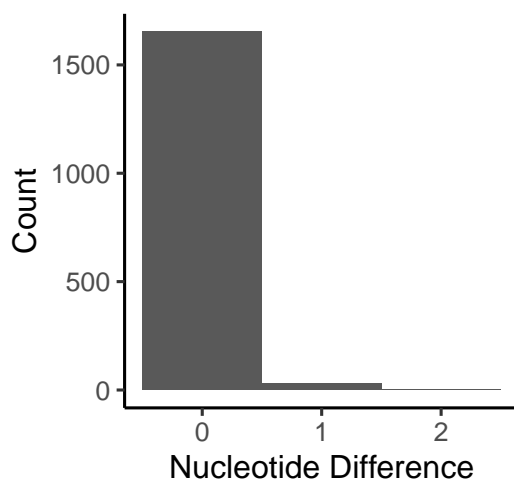
TRBV7-9*ap01

7753 sequences assigned
7668 (98.9%) exact matches, in which:
7574 unique CDR3
14 unique J



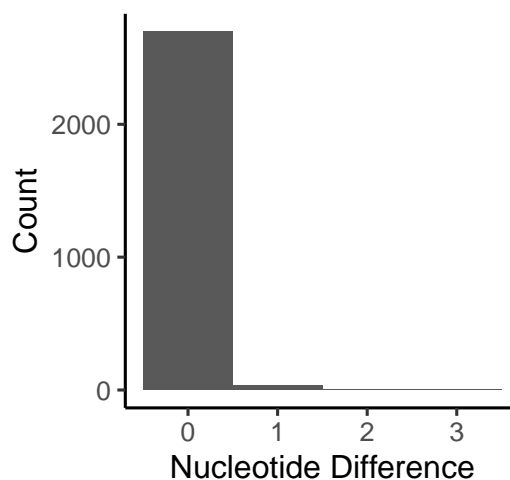
TRBV7-8*ap01

1685 sequences assigned
1653 (98.1%) exact matches, in which:
1628 unique CDR3
14 unique J



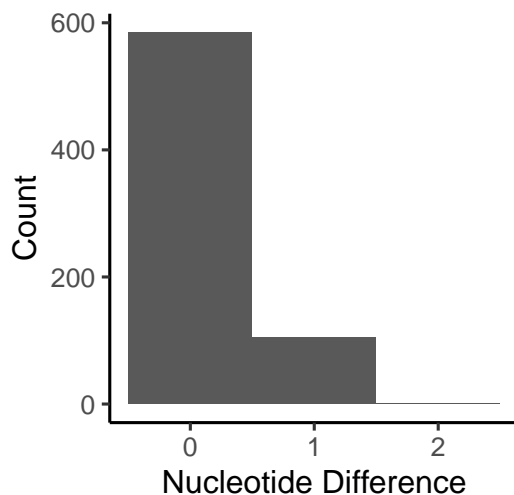
TRBV29-1*ap01

2732 sequences assigned
2697 (98.7%) exact matches, in which:
2661 unique CDR3
14 unique J



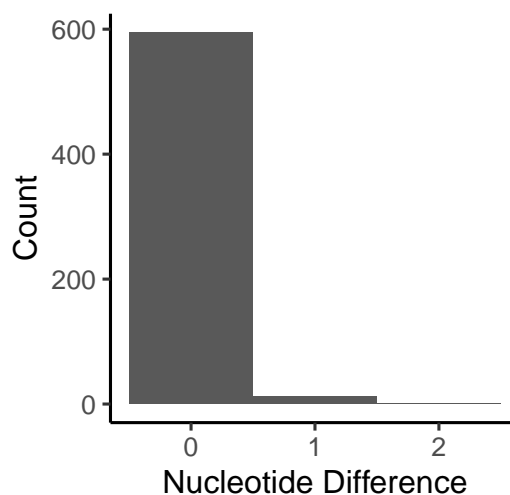
TRBV7-8*ap03

691 sequences assigned
585 (84.7%) exact matches, in which:
572 unique CDR3
14 unique J

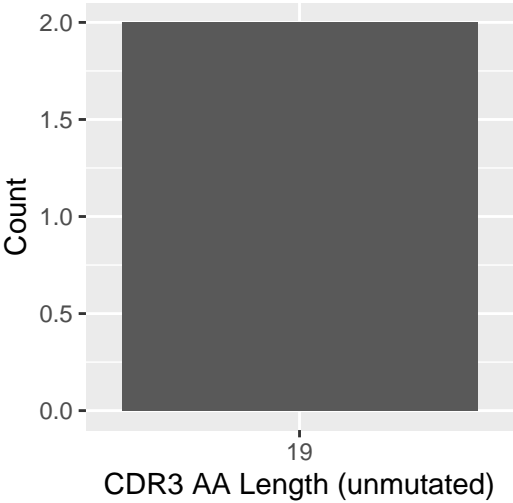


TRBV29-1*ap02

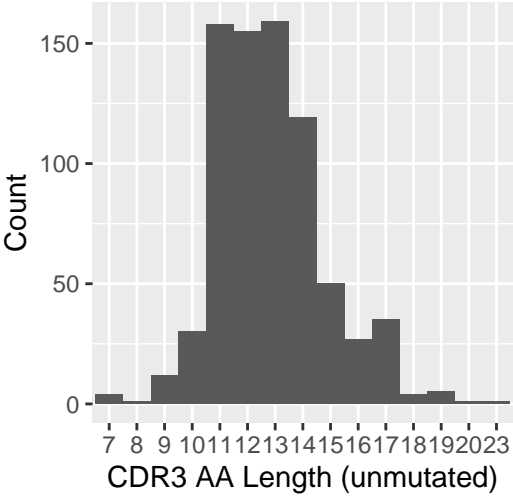
608 sequences assigned
595 (97.9%) exact matches, in which:
589 unique CDR3
14 unique J



TRBV7-1*ap01_T296C

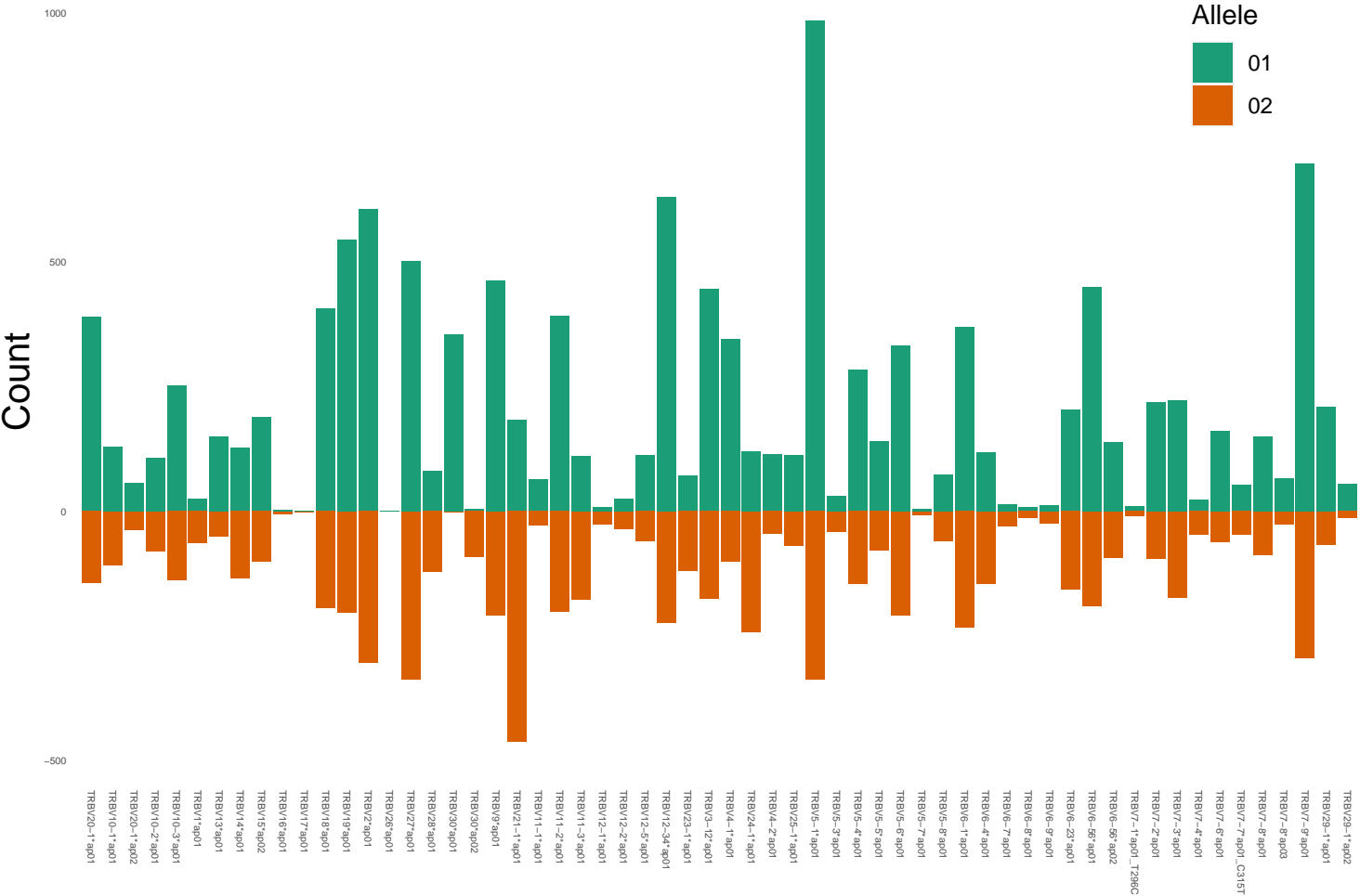


TRBV7-7*ap01_C315T





Sequence Count by TRBJ2-7 allele usage



Warning – no inferred sequences found.