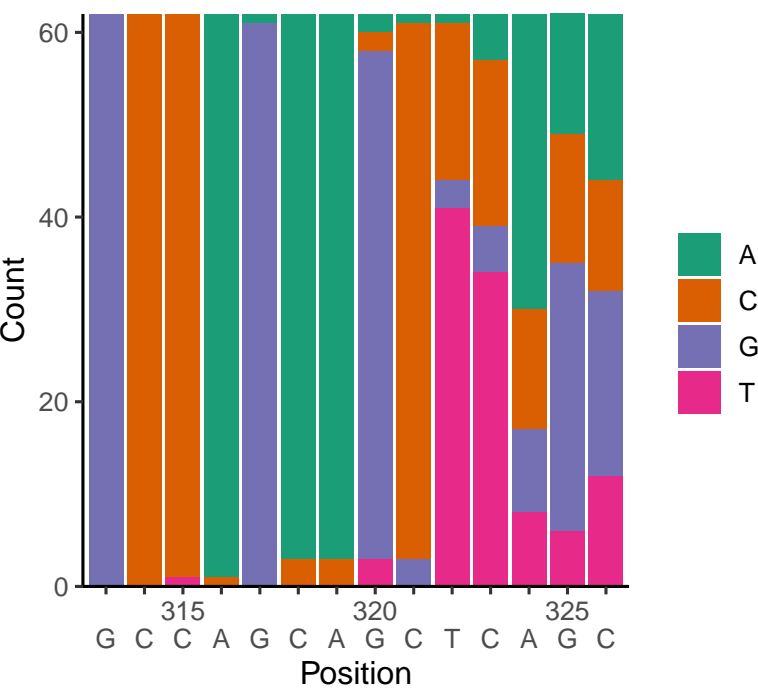
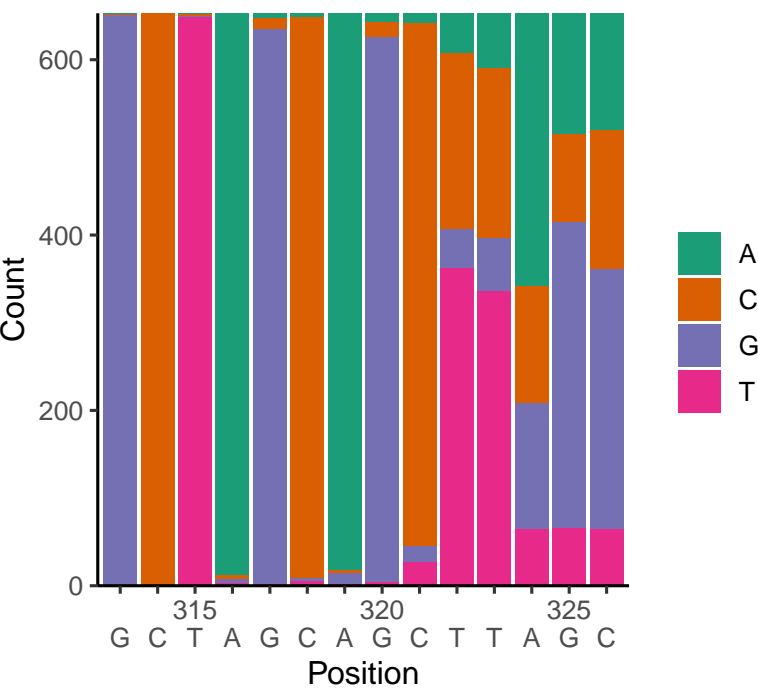


Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



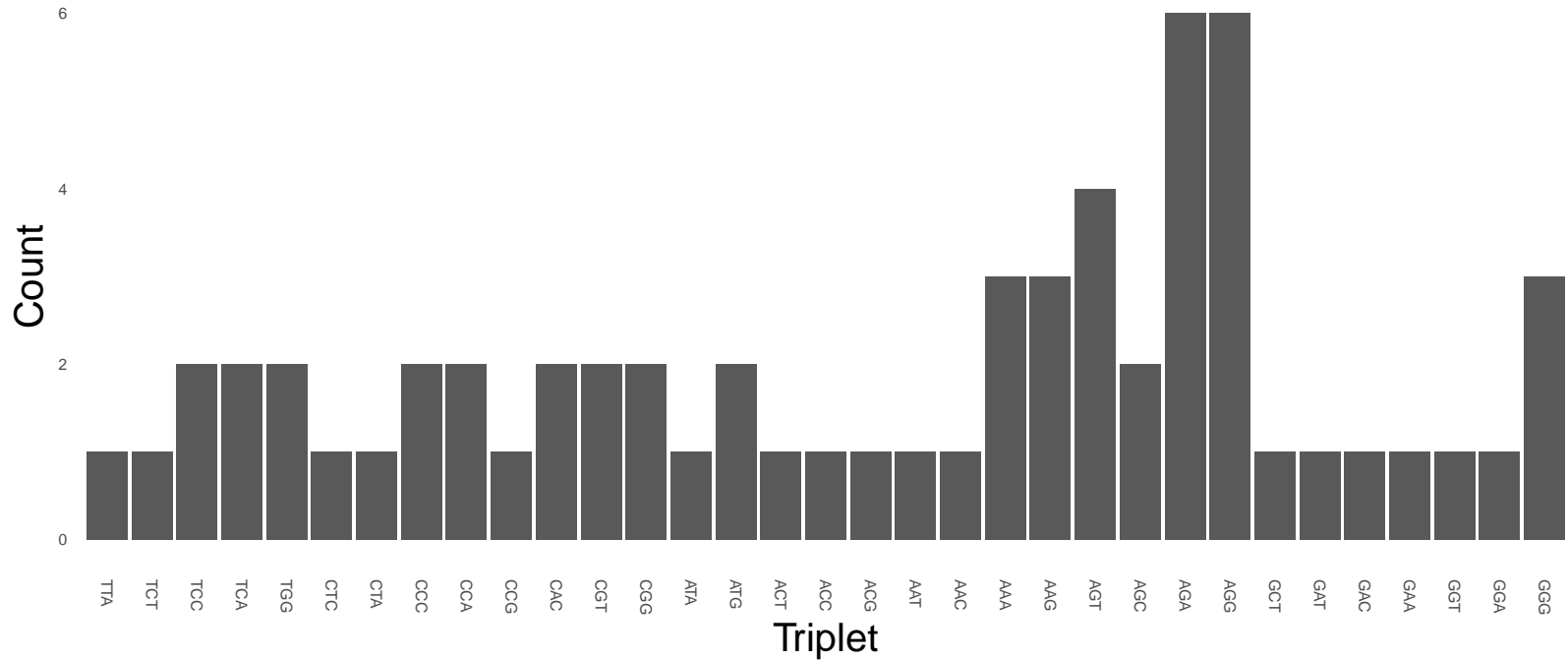
Gene TRBV7-1*ap01_G291C_T296C



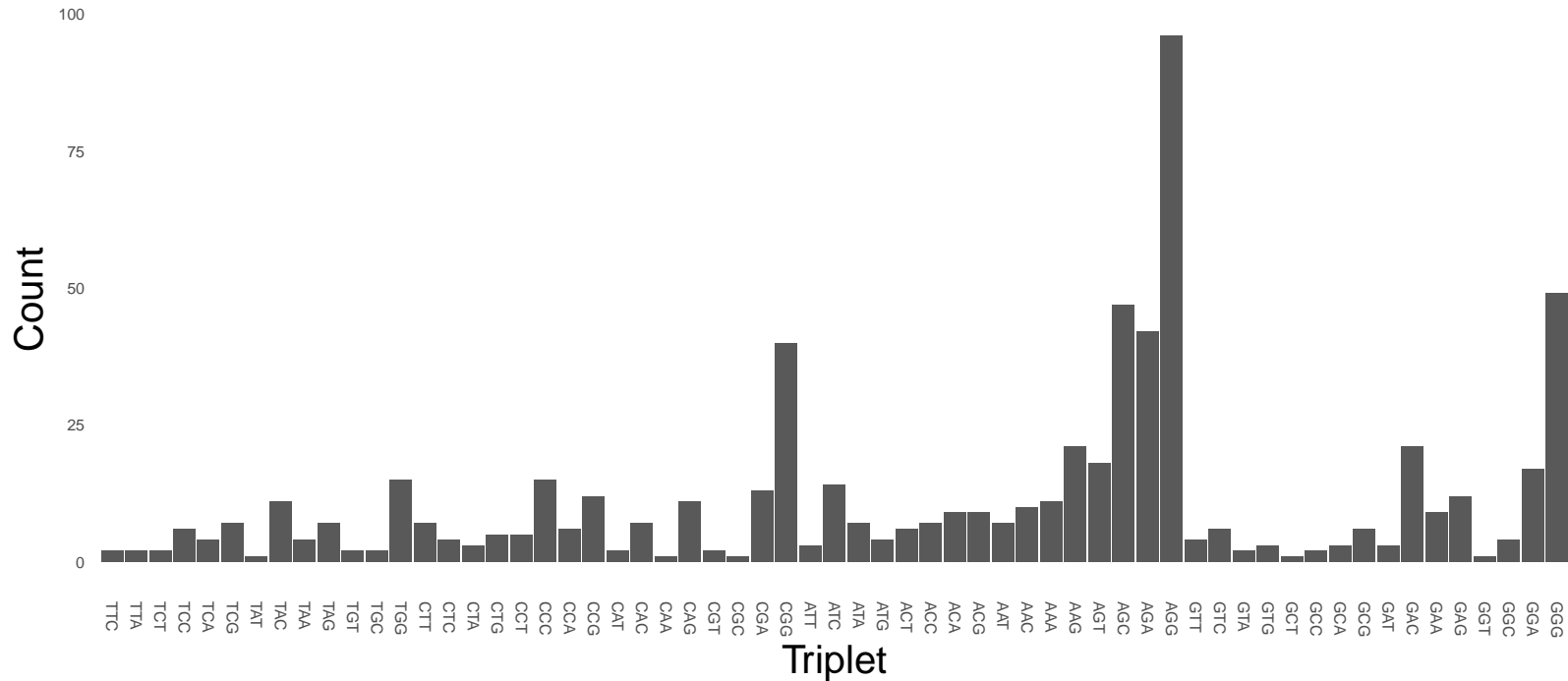
Gene TRBV7-7*ap01_C315T



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

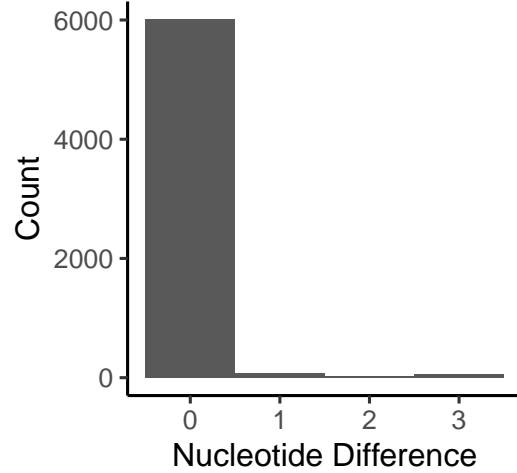


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



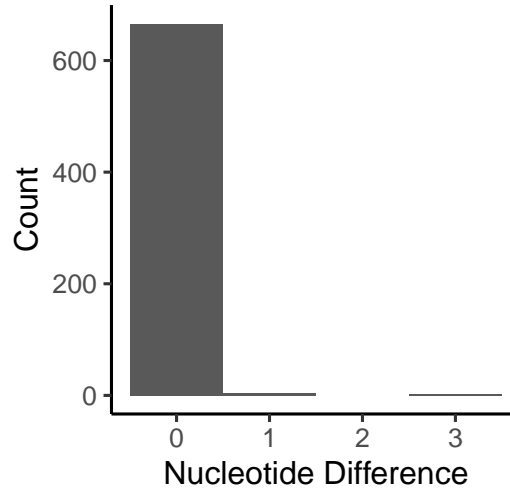
TRBV20-1*ap01

6157 sequences assigned
6010 (97.6%) exact matches, in which:
5943 unique CDR3
14 unique J



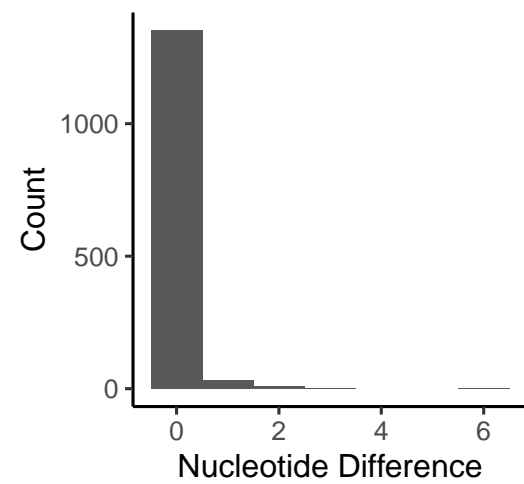
TRBV10-2*ap01

672 sequences assigned
666 (99.1%) exact matches, in which:
662 unique CDR3
14 unique J



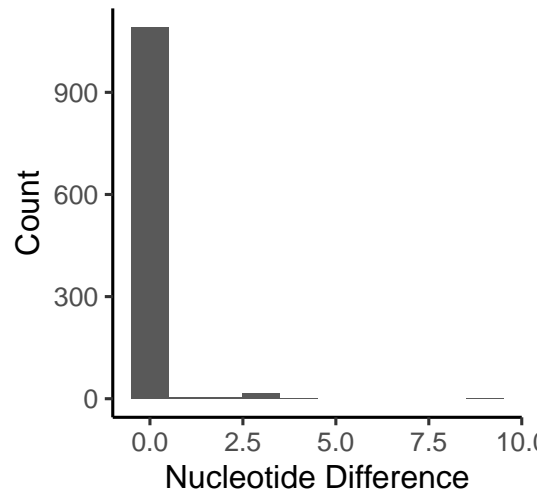
TRBV13*ap01

1399 sequences assigned
1352 (96.6%) exact matches, in which:
1339 unique CDR3
14 unique J



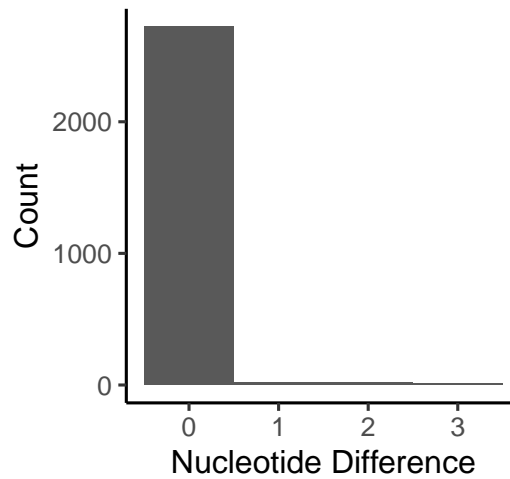
TRBV10-1*ap01

1118 sequences assigned
1092 (97.7%) exact matches, in which:
1084 unique CDR3
14 unique J



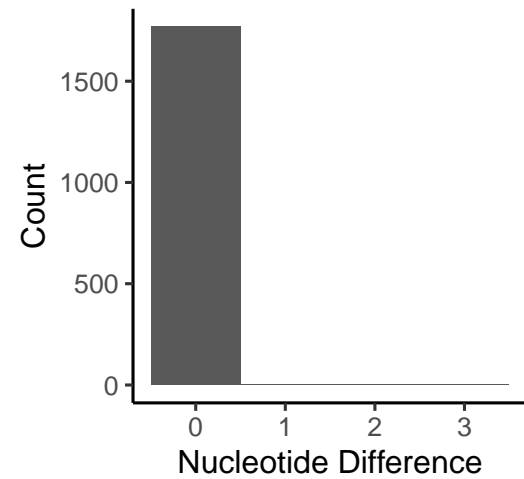
TRBV10-3*ap01

2774 sequences assigned
2722 (98.1%) exact matches, in which:
2705 unique CDR3
14 unique J



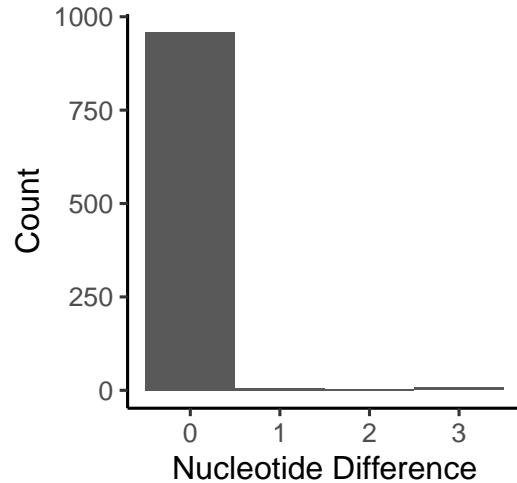
TRBV14*ap01

1778 sequences assigned
1769 (99.5%) exact matches, in which:
1755 unique CDR3
14 unique J



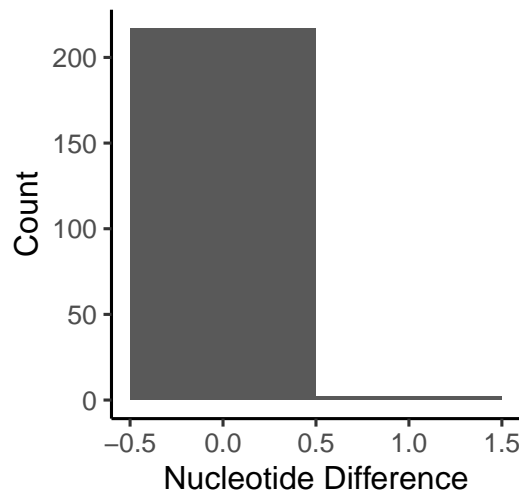
TRBV20-1*ap02

976 sequences assigned
959 (98.3%) exact matches, in which:
943 unique CDR3
14 unique J



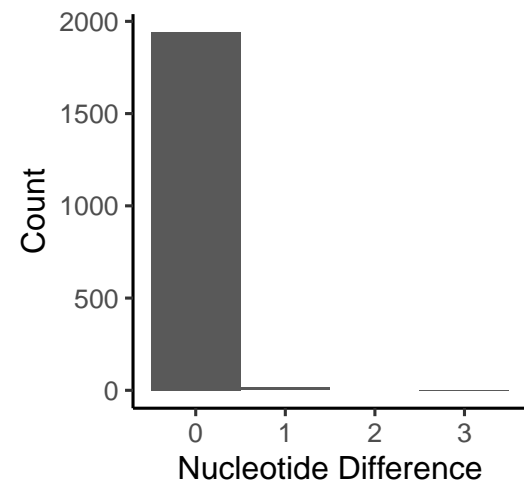
TRBV1*ap01

219 sequences assigned
217 (99.1%) exact matches, in which:
212 unique CDR3
12 unique J



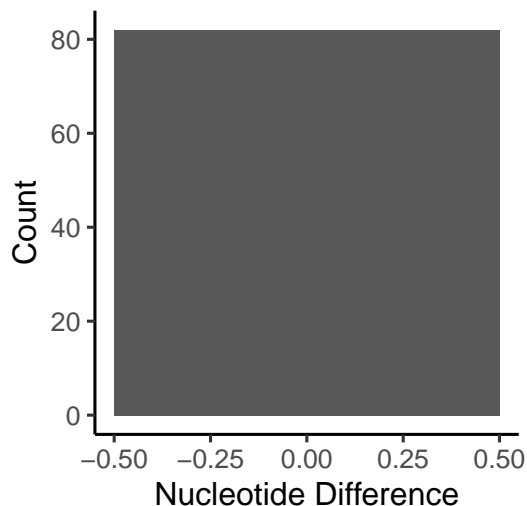
TRBV15*ap02

1959 sequences assigned
1942 (99.1%) exact matches, in which:
1925 unique CDR3
14 unique J



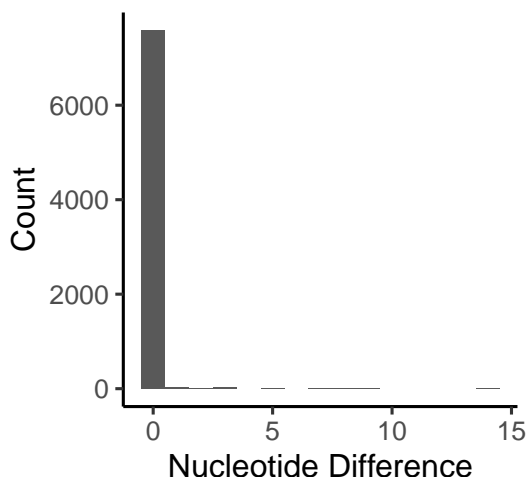
TRBV16*ap01

82 sequences assigned
82 (100%) exact matches, in which:
82 unique CDR3
12 unique J



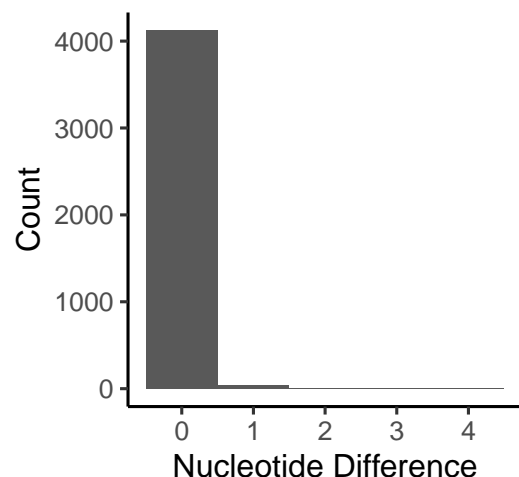
TRBV19*ap01

7680 sequences assigned
7583 (98.7%) exact matches, in which:
7543 unique CDR3
14 unique J



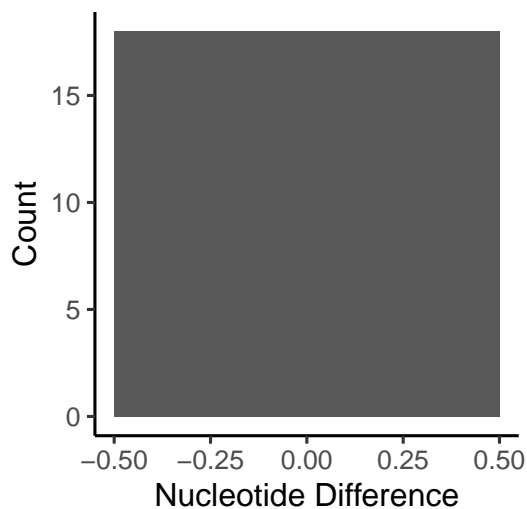
TRBV28*ap01

4187 sequences assigned
4123 (98.5%) exact matches, in which:
4085 unique CDR3
14 unique J



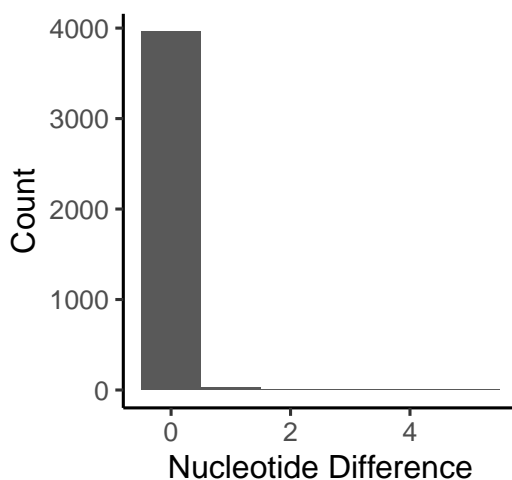
TRBV17*ap01

18 sequences assigned
18 (100%) exact matches, in which:
18 unique CDR3
8 unique J



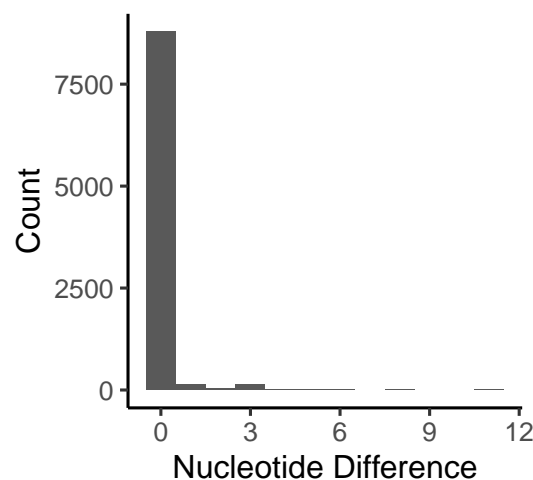
TRBV2*ap01

3993 sequences assigned
3960 (99.2%) exact matches, in which:
3937 unique CDR3
14 unique J



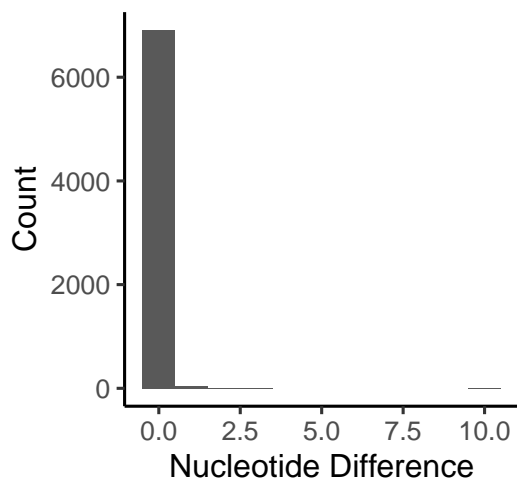
TRBV30*ap01

9119 sequences assigned
8786 (96.3%) exact matches, in which:
8593 unique CDR3
14 unique J



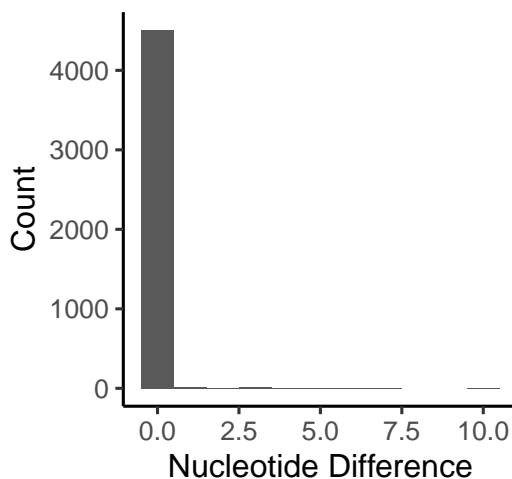
TRBV18*ap01

6974 sequences assigned
6910 (99.1%) exact matches, in which:
6809 unique CDR3
14 unique J



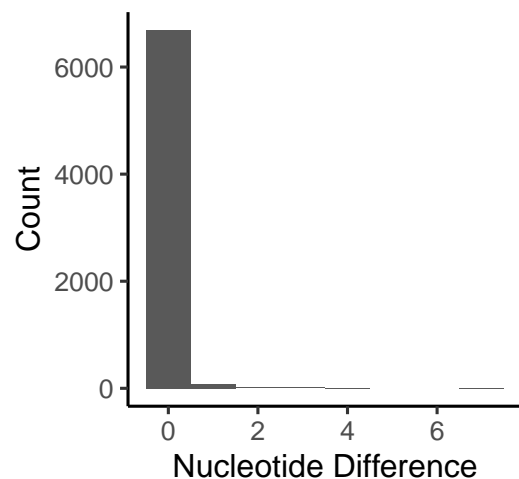
TRBV27*ap01

4553 sequences assigned
4507 (99%) exact matches, in which:
4483 unique CDR3
14 unique J



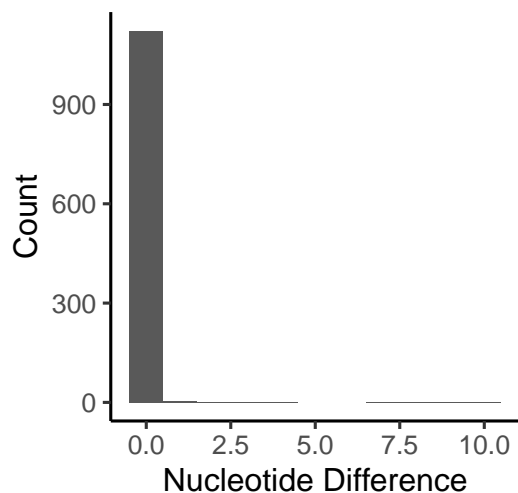
TRBV9*ap01

6805 sequences assigned
6691 (98.3%) exact matches, in which:
6638 unique CDR3
14 unique J



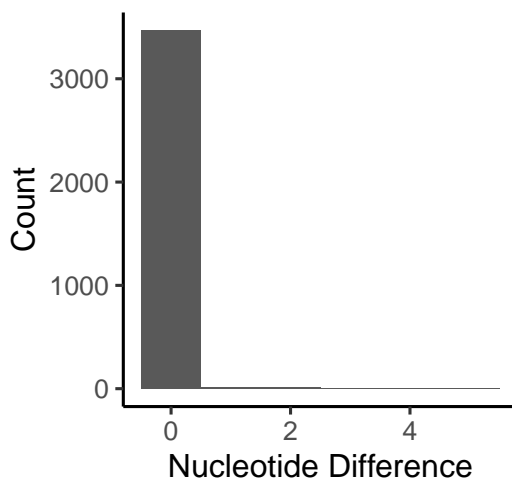
TRBV21–1*ap01

1136 sequences assigned
1123 (98.9%) exact matches, in which:
1119 unique CDR3
14 unique J



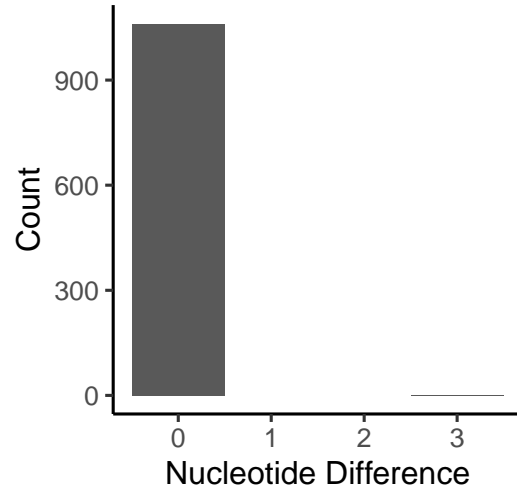
TRBV11–3*ap01

3509 sequences assigned
3468 (98.8%) exact matches, in which:
3450 unique CDR3
14 unique J



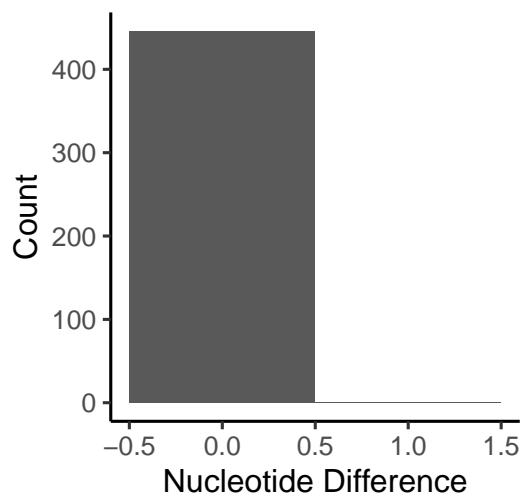
TRBV12–5*ap01

1063 sequences assigned
1061 (99.8%) exact matches, in which:
1056 unique CDR3
14 unique J



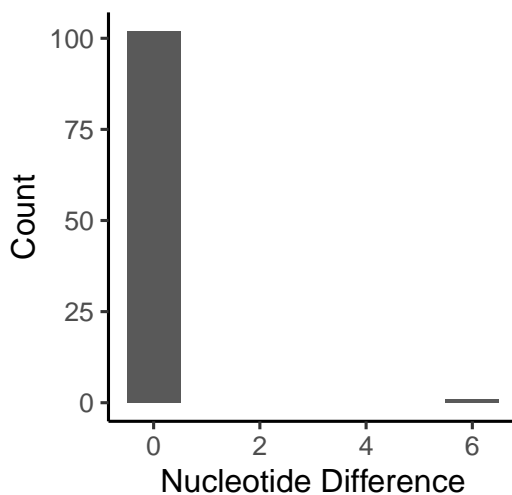
TRBV11–1*ap01

447 sequences assigned
446 (99.8%) exact matches, in which:
439 unique CDR3
13 unique J



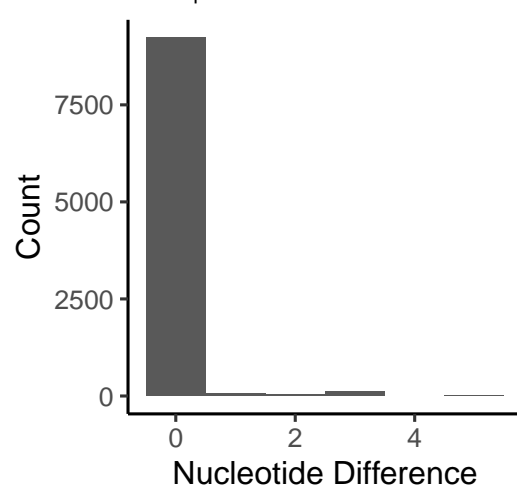
TRBV12–1*ap01

103 sequences assigned
102 (99%) exact matches, in which:
102 unique CDR3
13 unique J



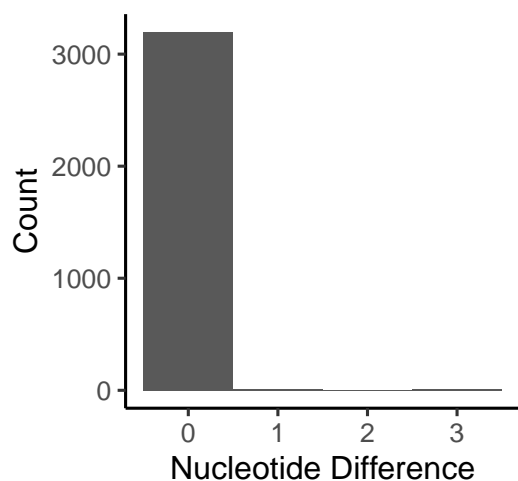
TRBV12–34*ap01

9435 sequences assigned
9229 (97.8%) exact matches, in which:
9157 unique CDR3
14 unique J



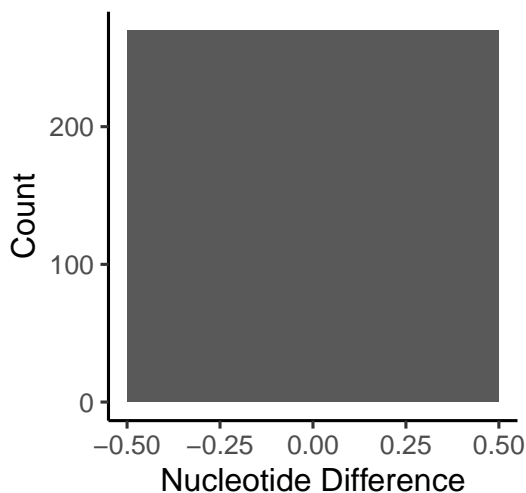
TRBV11–2*ap01

3223 sequences assigned
3197 (99.2%) exact matches, in which:
3172 unique CDR3
14 unique J



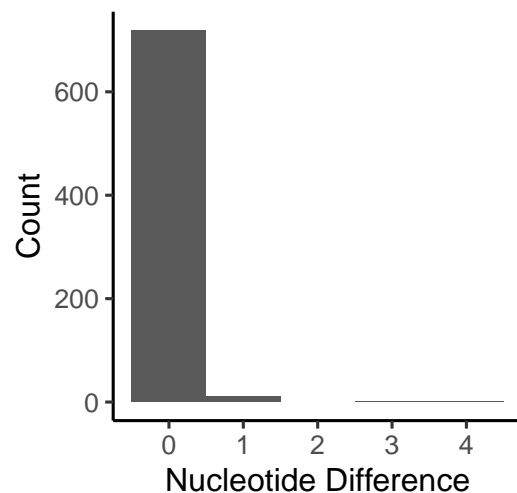
TRBV12–2*ap01

270 sequences assigned
270 (100%) exact matches, in which:
268 unique CDR3
14 unique J



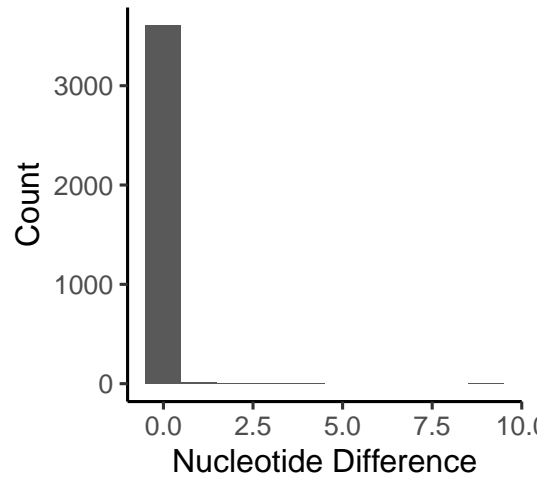
TRBV23–1*ap01

732 sequences assigned
719 (98.2%) exact matches, in which:
713 unique CDR3
14 unique J



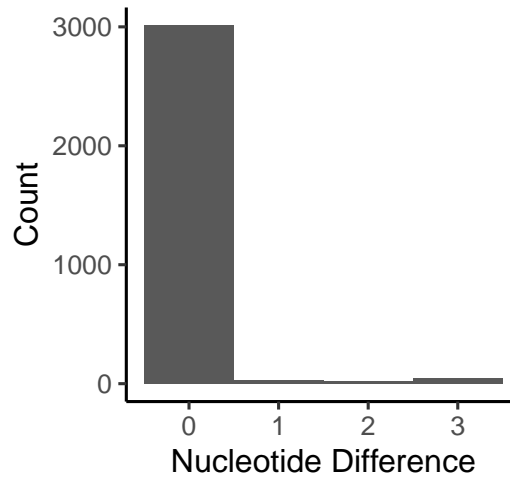
TRBV3-12*ap01

3626 sequences assigned
3607 (99.5%) exact matches, in which:
3572 unique CDR3
14 unique J



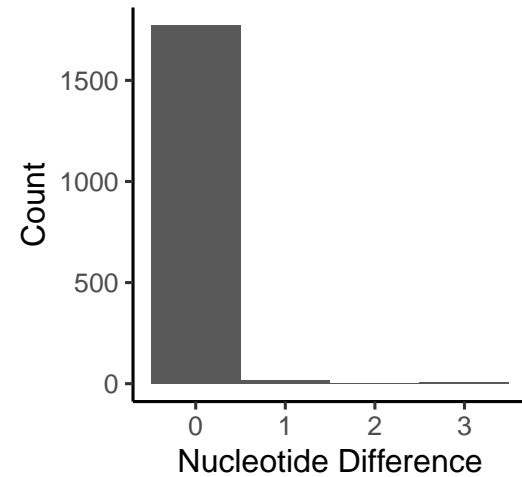
TRBV4-2*ap01

3112 sequences assigned
3012 (96.8%) exact matches, in which:
2969 unique CDR3
14 unique J



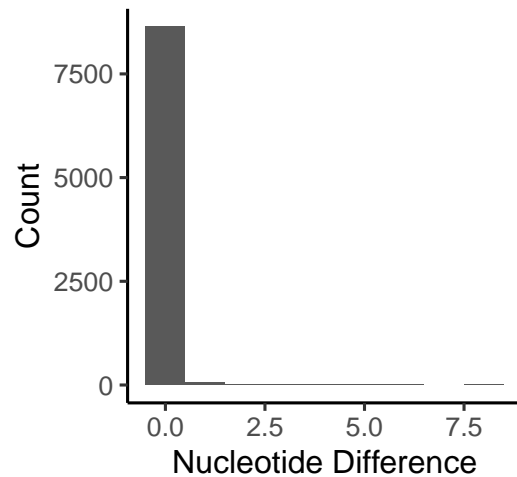
TRBV25-1*ap01

1799 sequences assigned
1772 (98.5%) exact matches, in which:
1753 unique CDR3
14 unique J



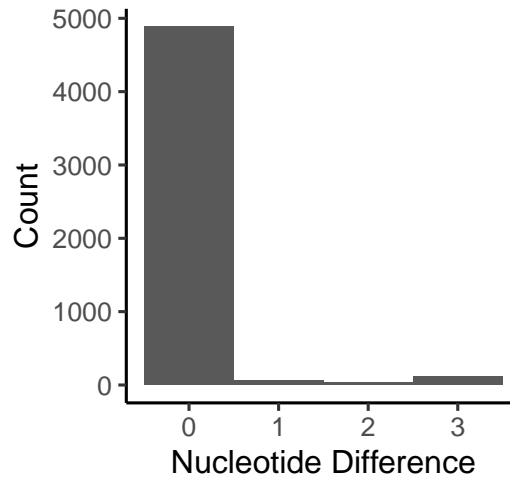
TRBV24-1*ap01

8728 sequences assigned
8637 (99%) exact matches, in which:
8546 unique CDR3
14 unique J



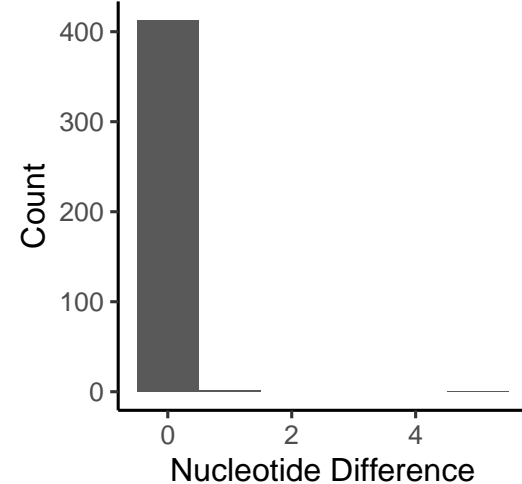
TRBV4-3*ap01

5100 sequences assigned
4885 (95.8%) exact matches, in which:
4825 unique CDR3
14 unique J



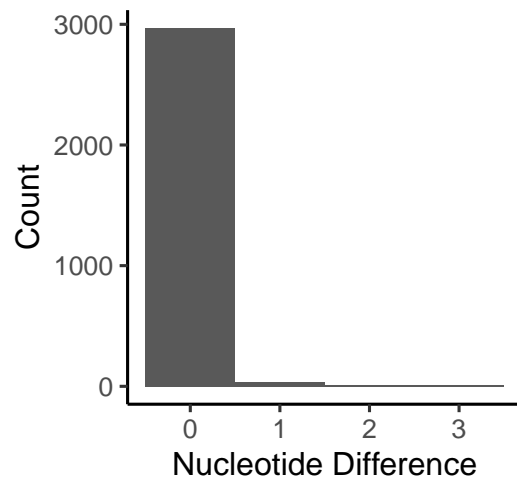
TRBV5-3*ap01

416 sequences assigned
413 (99.3%) exact matches, in which:
408 unique CDR3
14 unique J



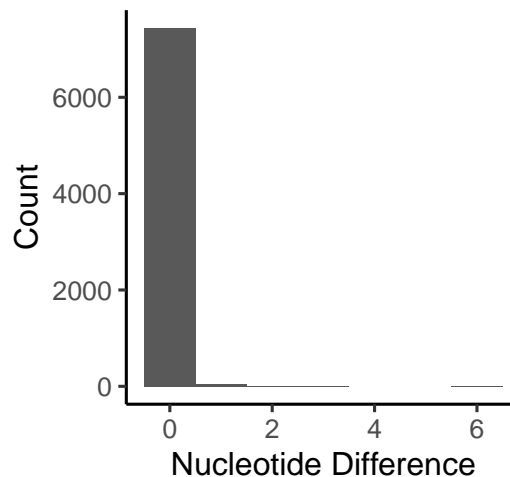
TRBV4-1*ap01

3030 sequences assigned
2969 (98%) exact matches, in which:
2930 unique CDR3
14 unique J



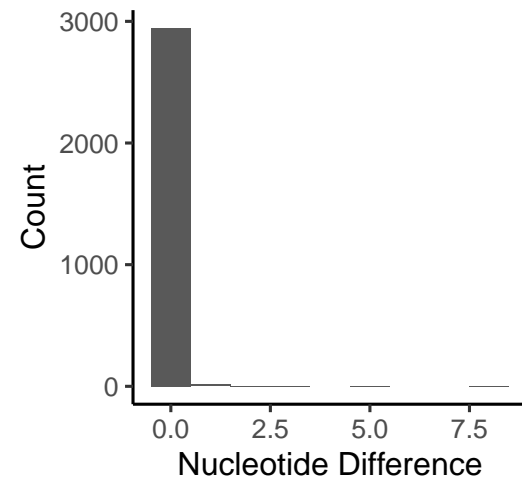
TRBV5-1*ap01

7499 sequences assigned
7438 (99.2%) exact matches, in which:
7379 unique CDR3
14 unique J



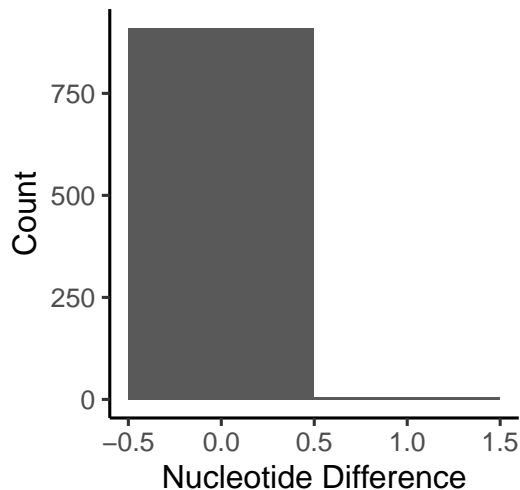
TRBV5-4*ap01

2966 sequences assigned
2945 (99.3%) exact matches, in which:
2923 unique CDR3
14 unique J



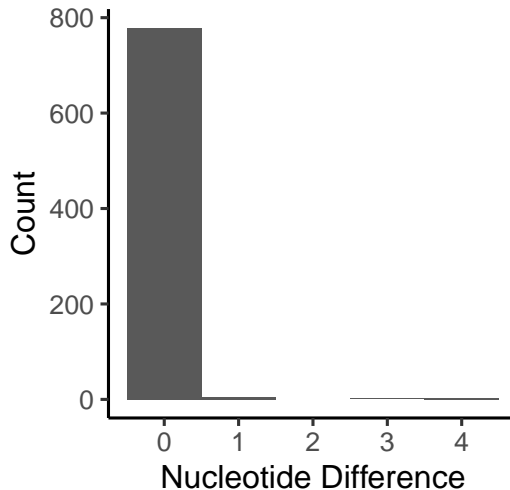
TRBV5-5*ap01

916 sequences assigned
911 (99.5%) exact matches, in which:
906 unique CDR3
14 unique J



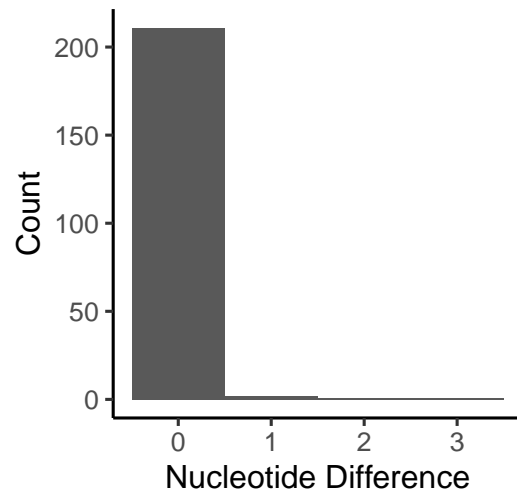
TRBV5-8*ap01

789 sequences assigned
779 (98.7%) exact matches, in which:
776 unique CDR3
14 unique J



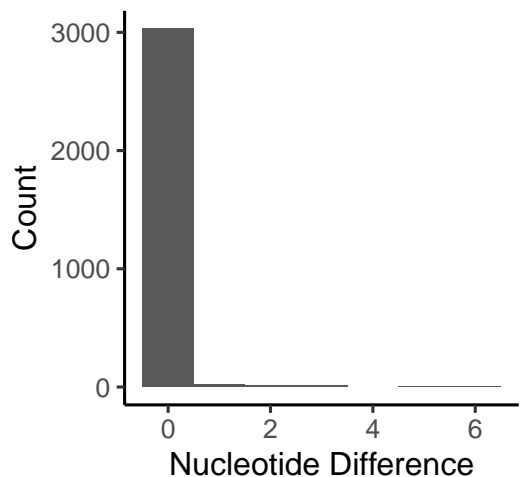
TRBV6-7*ap01

215 sequences assigned
211 (98.1%) exact matches, in which:
208 unique CDR3
14 unique J



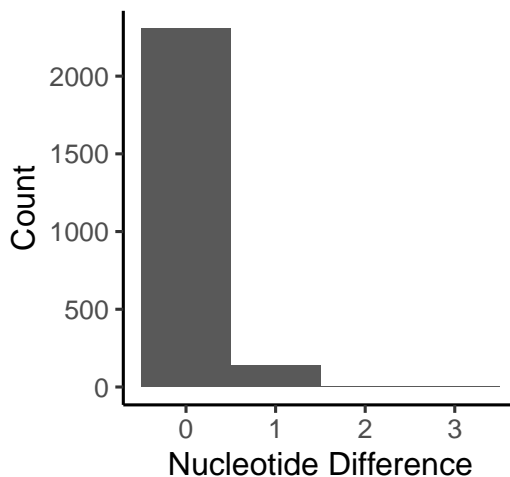
TRBV5-6*ap01

3075 sequences assigned
3031 (98.6%) exact matches, in which:
2985 unique CDR3
14 unique J



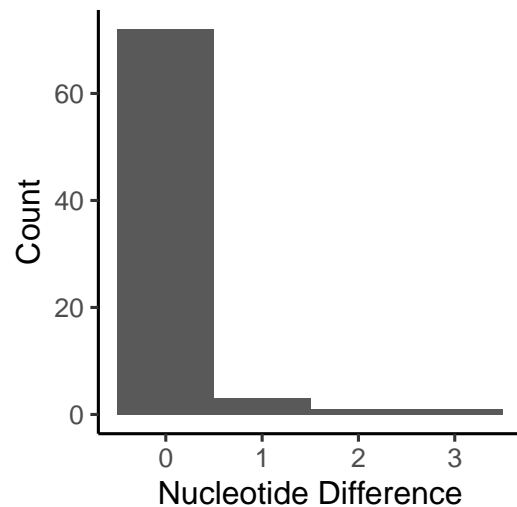
TRBV6-1*ap01

2450 sequences assigned
2305 (94.1%) exact matches, in which:
2253 unique CDR3
14 unique J



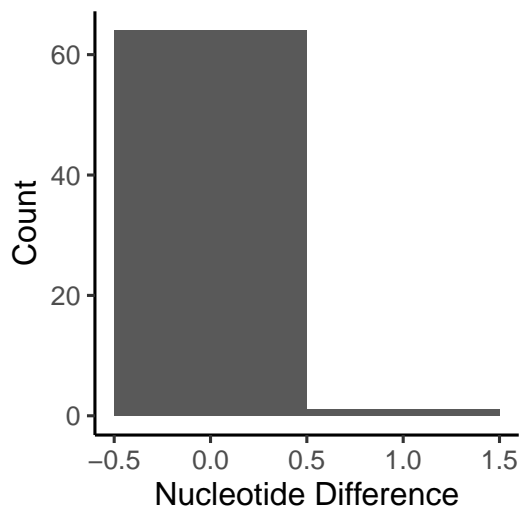
TRBV6-8*ap01

77 sequences assigned
72 (93.5%) exact matches, in which:
71 unique CDR3
13 unique J



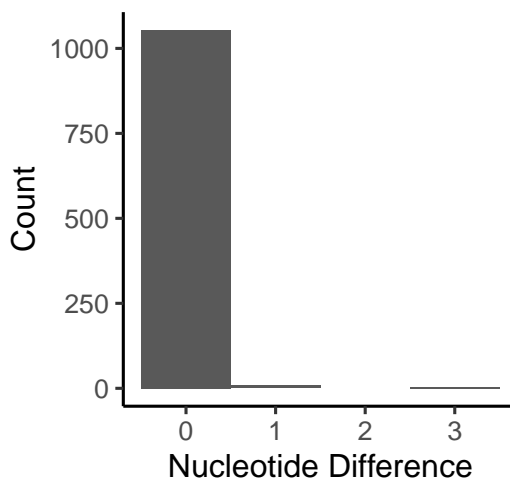
TRBV5-7*ap01

65 sequences assigned
64 (98.5%) exact matches, in which:
62 unique CDR3
11 unique J



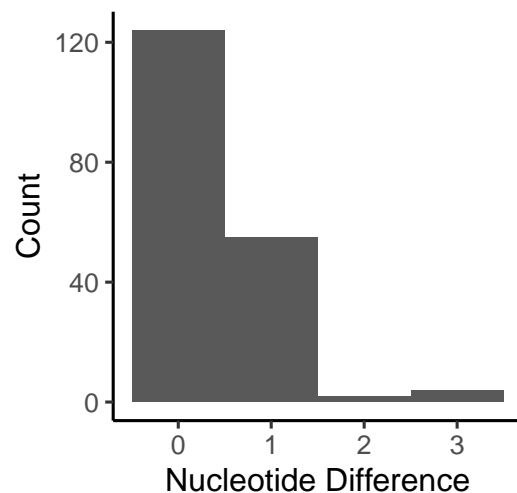
TRBV6-4*ap01

1065 sequences assigned
1054 (99%) exact matches, in which:
1048 unique CDR3
14 unique J



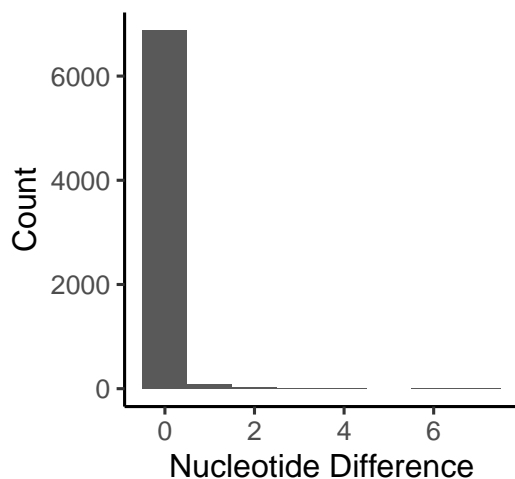
TRBV6-9*ap01

185 sequences assigned
124 (67%) exact matches, in which:
120 unique CDR3
14 unique J



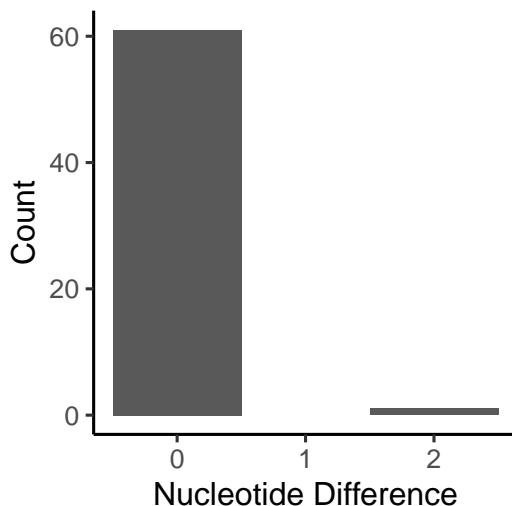
TRBV6-23*ap01

7020 sequences assigned
6877 (98%) exact matches, in which:
6777 unique CDR3
14 unique J



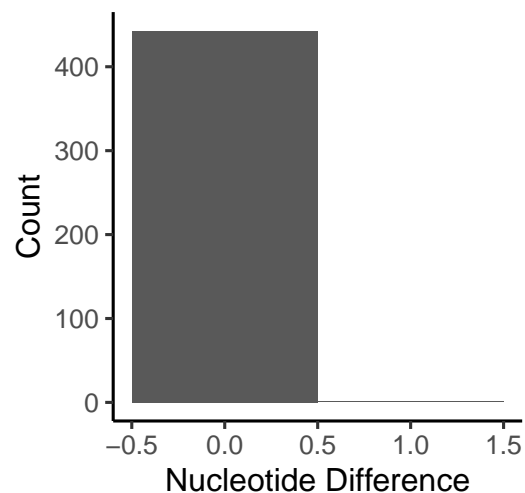
TRBV7-1*ap01_G291C_T

62 sequences assigned
61 (98.4%) exact matches, in which:
61 unique CDR3
9 unique J



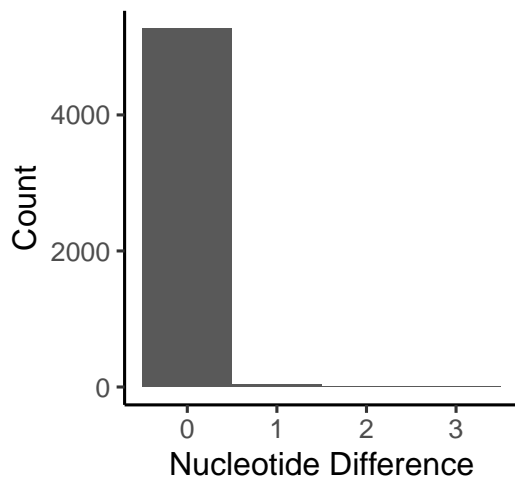
TRBV7-3*ap02

444 sequences assigned
443 (99.8%) exact matches, in which:
438 unique CDR3
13 unique J



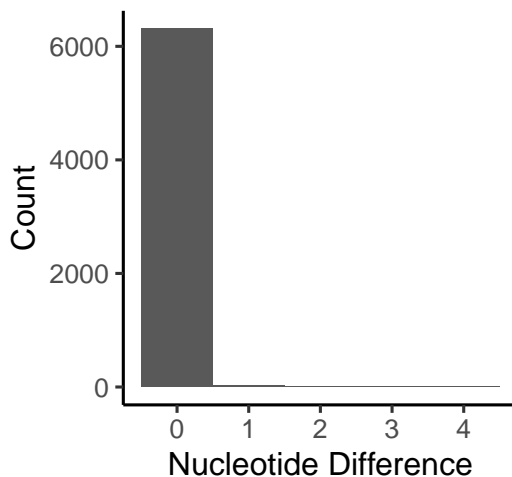
TRBV6-56*ap01

5317 sequences assigned
5267 (99.1%) exact matches, in which:
5189 unique CDR3
14 unique J



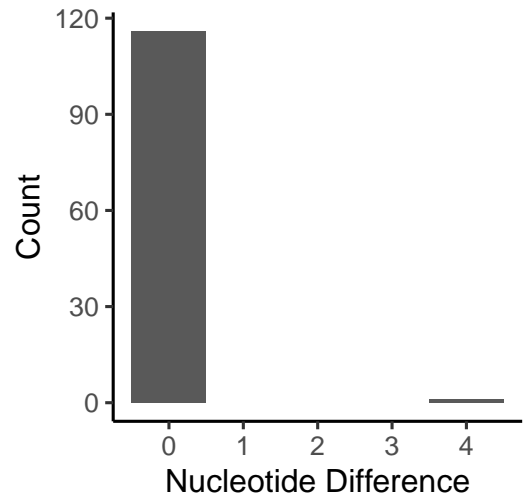
TRBV7-2*ap01

6356 sequences assigned
6310 (99.3%) exact matches, in which:
6267 unique CDR3
14 unique J



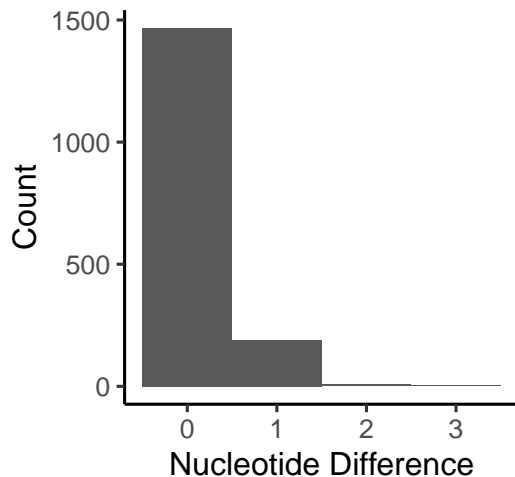
TRBV7-4*ap01

117 sequences assigned
116 (99.1%) exact matches, in which:
116 unique CDR3
13 unique J



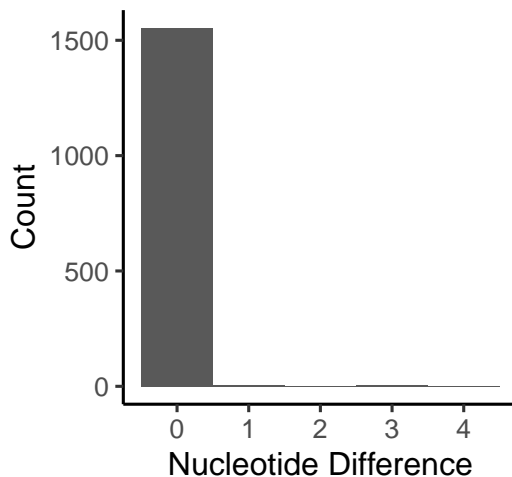
TRBV6-56*ap02

1667 sequences assigned
1467 (88%) exact matches, in which:
1437 unique CDR3
14 unique J



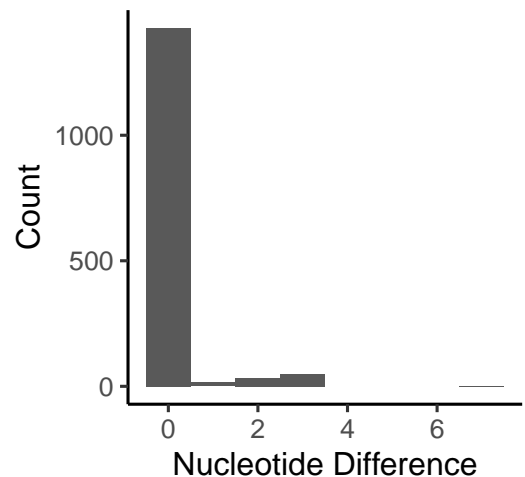
TRBV7-3*ap01

1568 sequences assigned
1553 (99%) exact matches, in which:
1539 unique CDR3
13 unique J



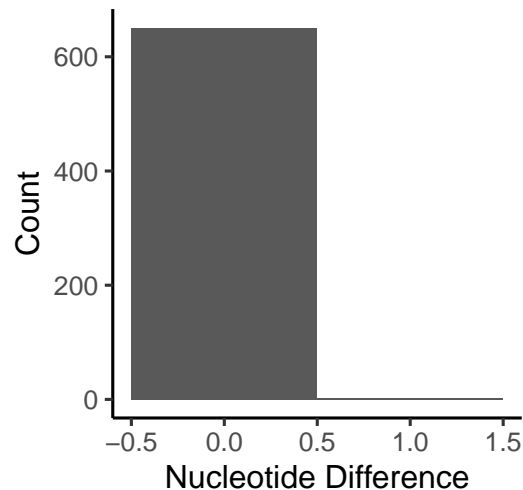
TRBV7-6*ap01

1525 sequences assigned
1427 (93.6%) exact matches, in which:
1413 unique CDR3
14 unique J



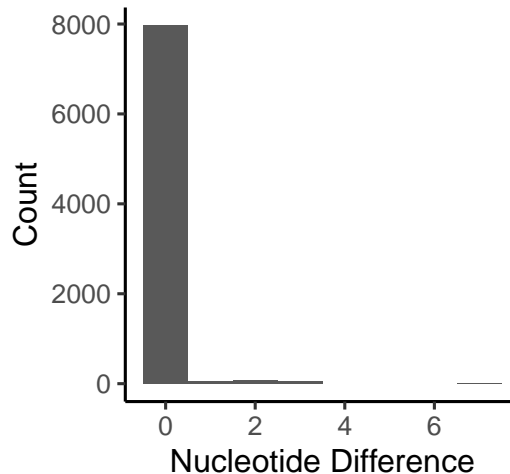
TRBV7-7*ap01_C315T

653 sequences assigned
651 (99.7%) exact matches, in which:
647 unique CDR3
14 unique J



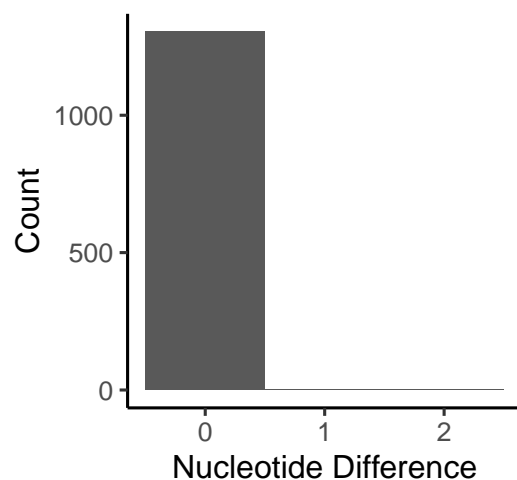
TRBV7-9*ap01

8147 sequences assigned
7969 (97.8%) exact matches, in which:
7907 unique CDR3
14 unique J



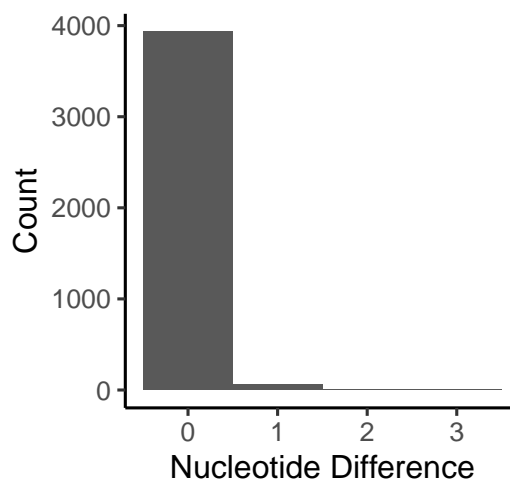
TRBV7-8*ap01

1308 sequences assigned
1304 (99.7%) exact matches, in which:
1296 unique CDR3
14 unique J



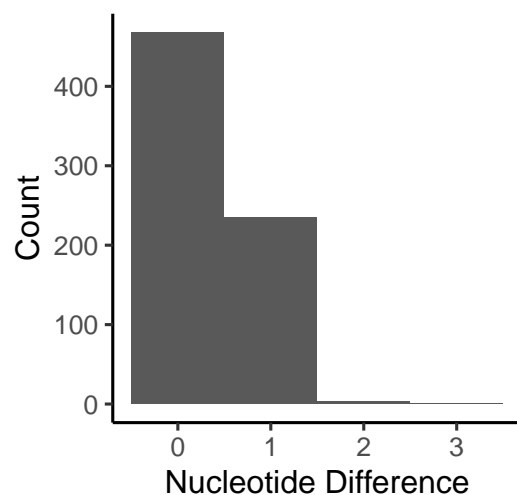
TRBV29-1*ap01

4002 sequences assigned
3933 (98.3%) exact matches, in which:
3858 unique CDR3
14 unique J



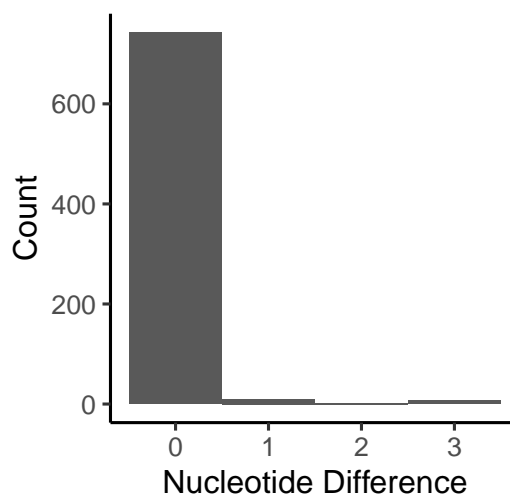
TRBV7-8*ap03

707 sequences assigned
468 (66.2%) exact matches, in which:
466 unique CDR3
14 unique J

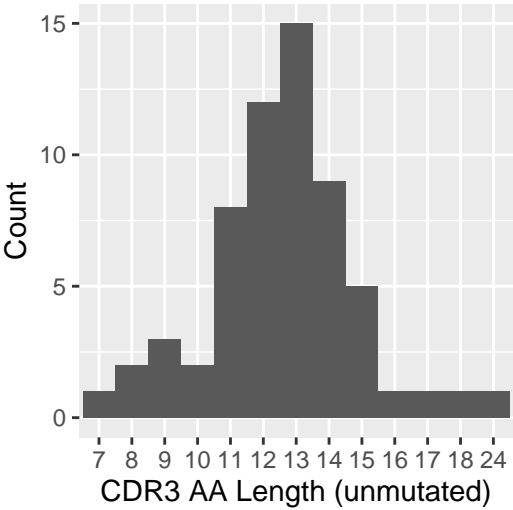


TRBV29-1*ap02

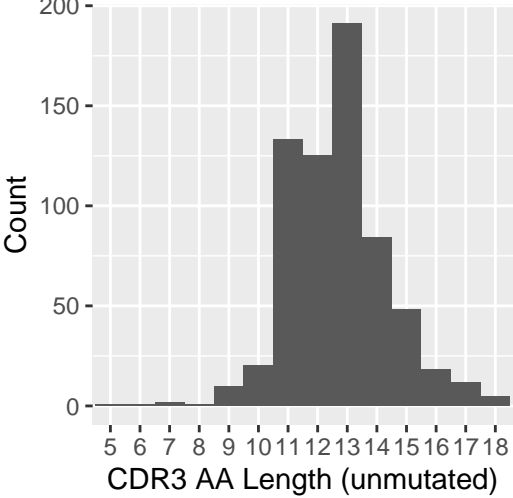
763 sequences assigned
743 (97.4%) exact matches, in which:
732 unique CDR3
14 unique J

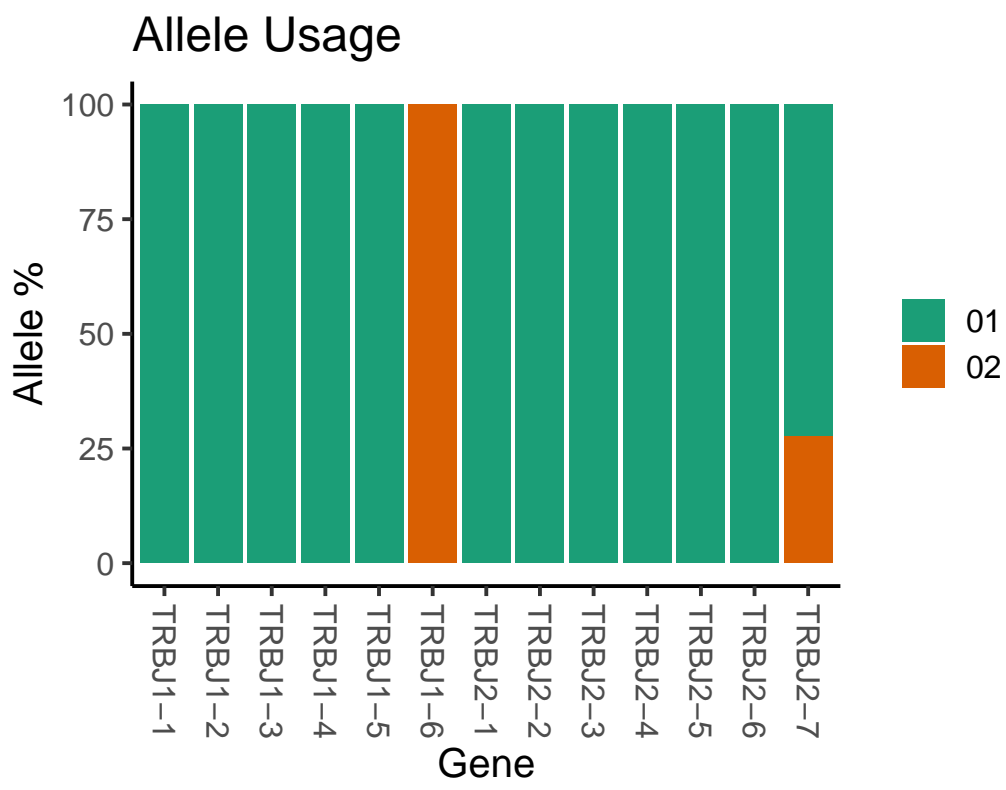


TRBV7-1*ap01_G291C_T296C

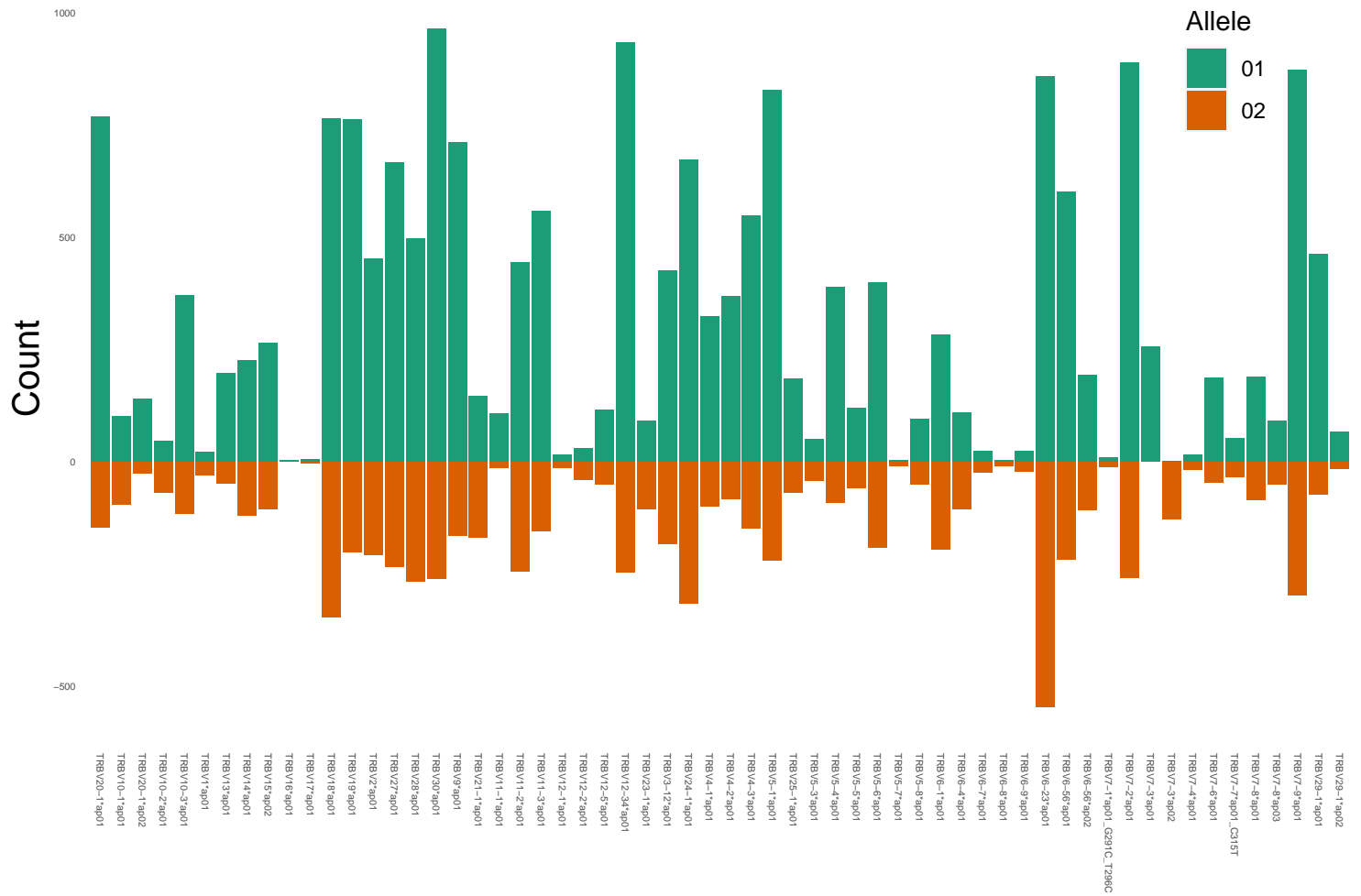


TRBV7-7*ap01_C315T





Sequence Count by TRBJ2-7 allele usage



Warning – no inferred sequences found.