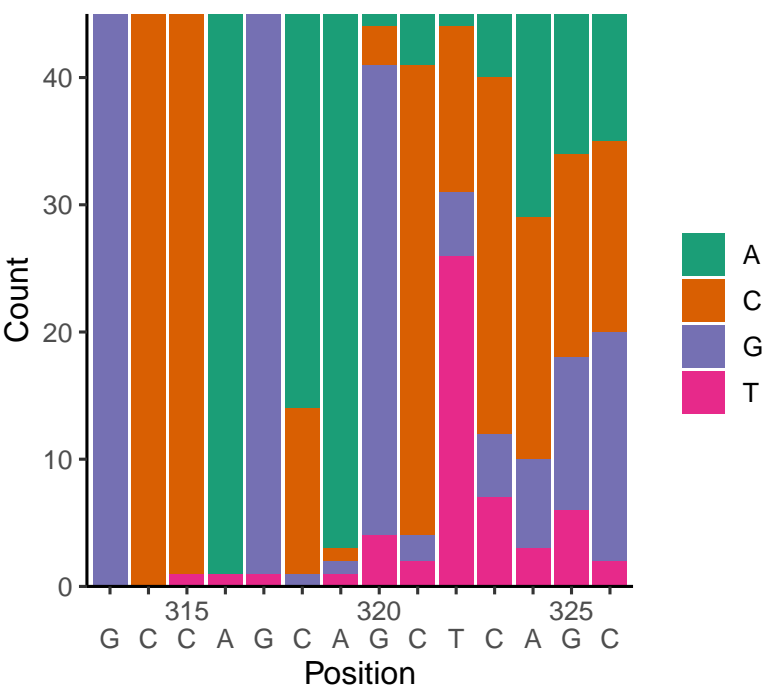
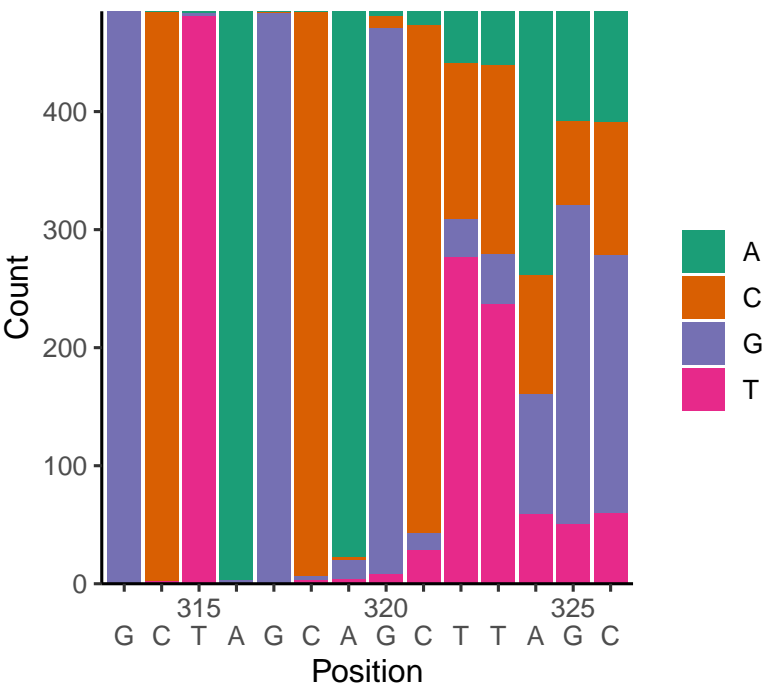


Gene TRBV7-1*ap01_T296C



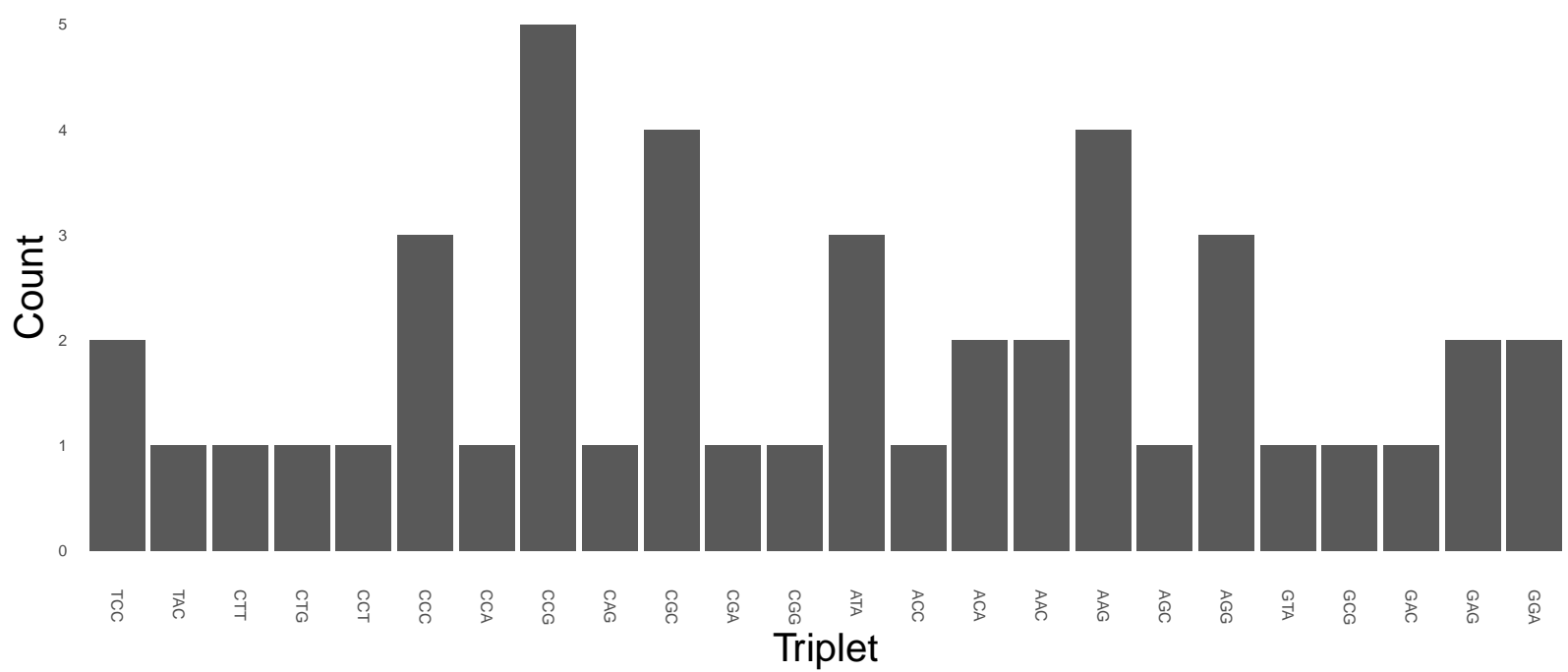
Gene TRBV7-7*ap01_C315T



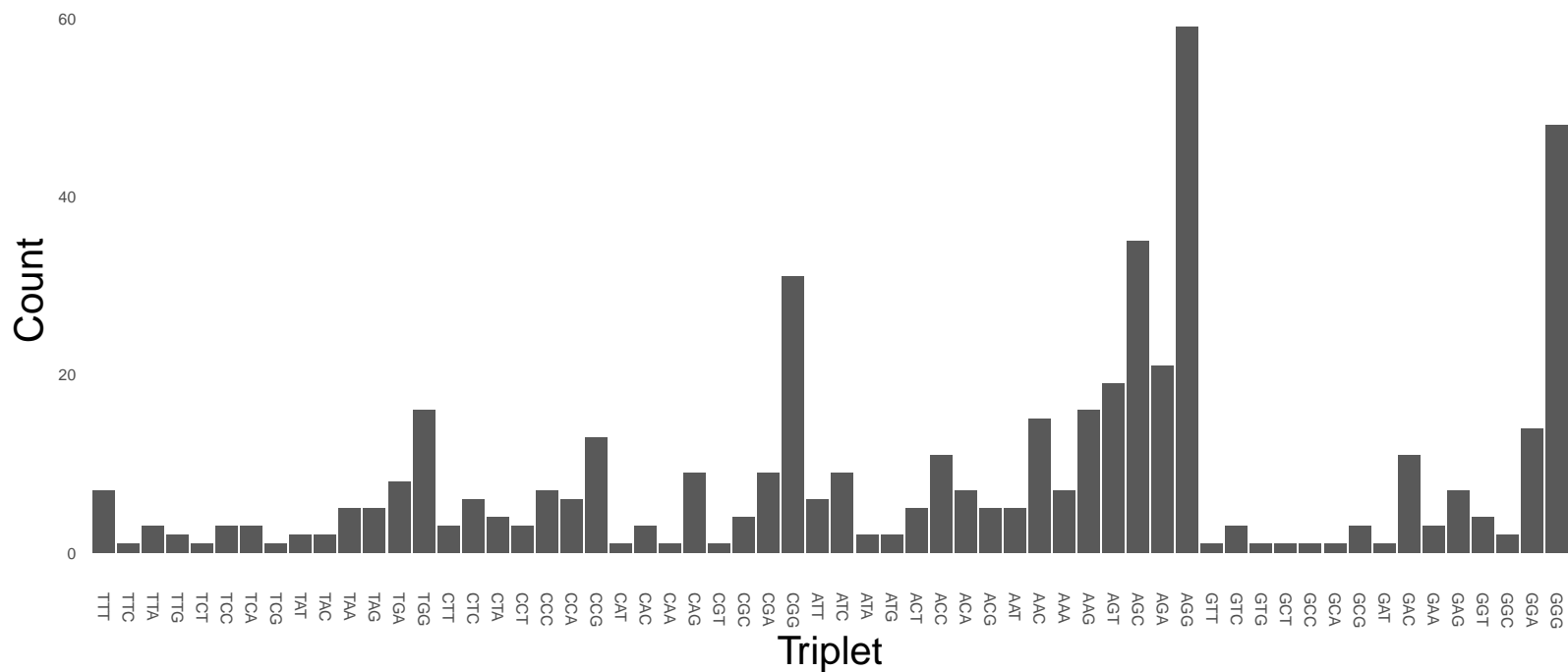
Gene TRBV7-1*ap01_T296C



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

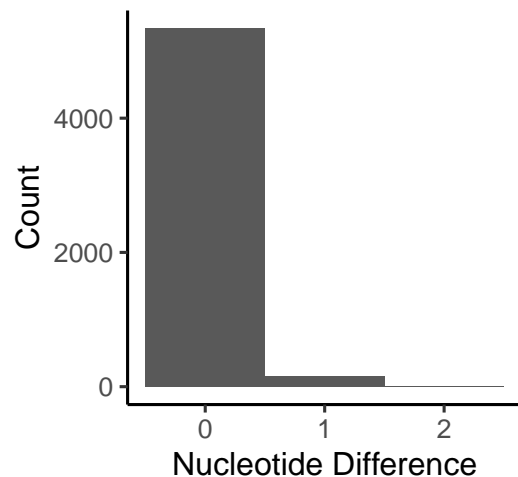


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



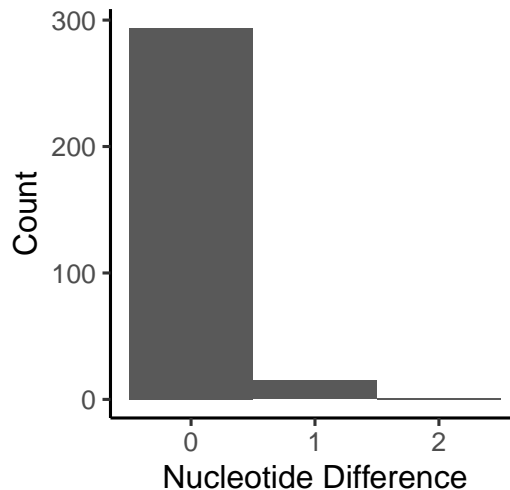
TRBV20-1*ap01

5498 sequences assigned
5337 (97.1%) exact matches, in which:
5203 unique CDR3
13 unique J



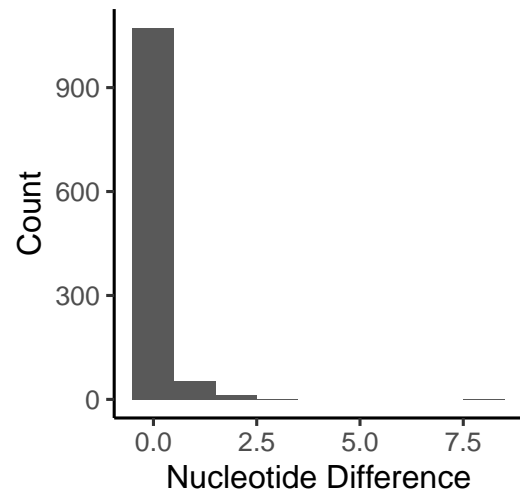
TRBV10-2*ap01

310 sequences assigned
294 (94.8%) exact matches, in which:
286 unique CDR3
13 unique J



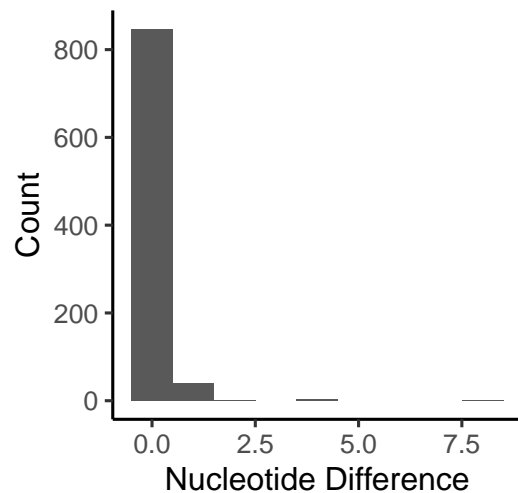
TRBV13*ap01

1142 sequences assigned
1073 (94%) exact matches, in which:
1042 unique CDR3
13 unique J



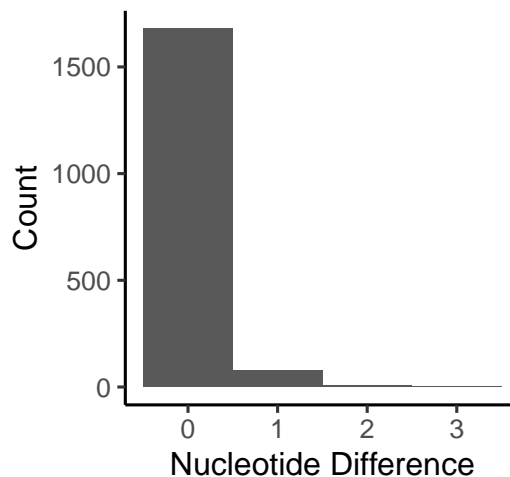
TRBV10-1*ap01

892 sequences assigned
847 (95%) exact matches, in which:
825 unique CDR3
13 unique J



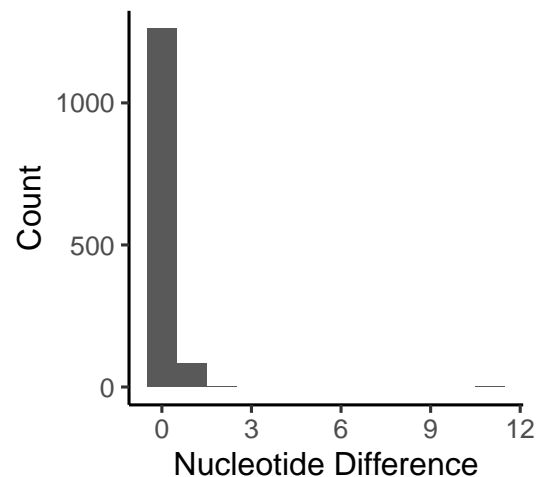
TRBV10-3*ap01

1764 sequences assigned
1679 (95.2%) exact matches, in which:
1621 unique CDR3
13 unique J



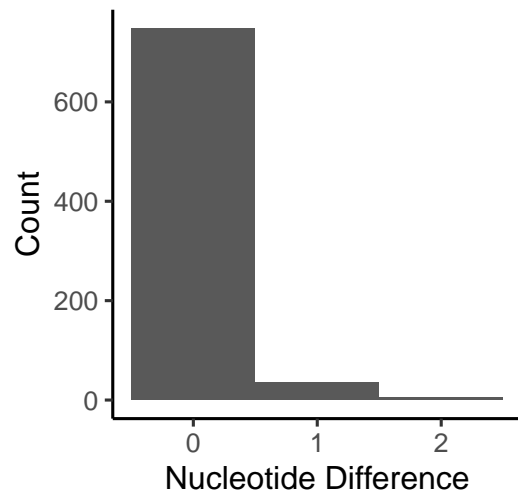
TRBV14*ap01

1345 sequences assigned
1261 (93.8%) exact matches, in which:
1216 unique CDR3
13 unique J



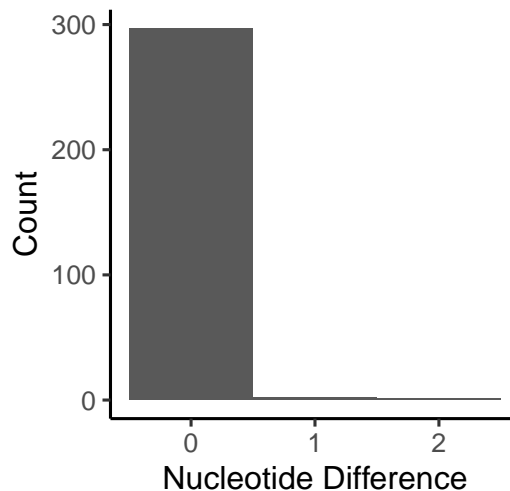
TRBV20-1*ap02

790 sequences assigned
748 (94.7%) exact matches, in which:
720 unique CDR3
13 unique J



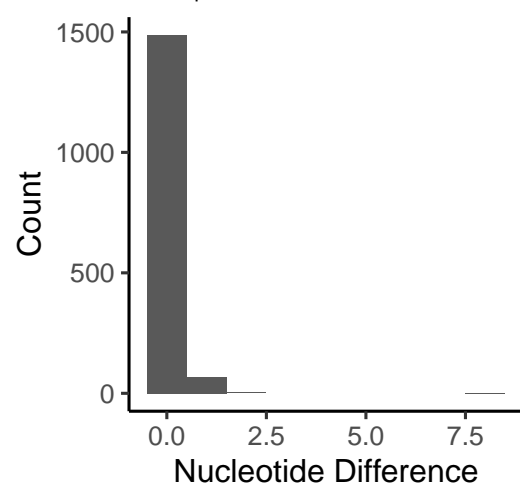
TRBV1*ap01

300 sequences assigned
297 (99%) exact matches, in which:
289 unique CDR3
13 unique J



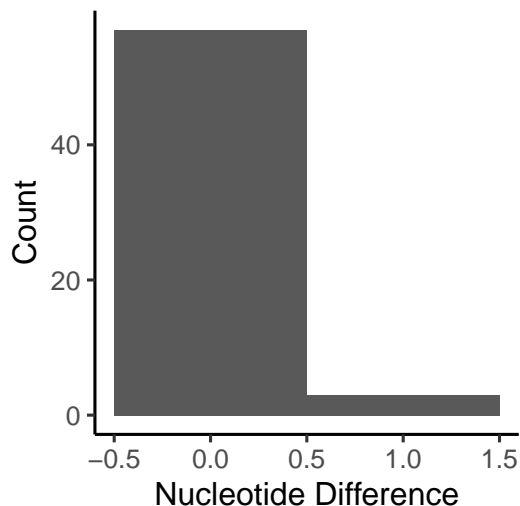
TRBV15*ap02

1558 sequences assigned
1487 (95.4%) exact matches, in which:
1439 unique CDR3
13 unique J



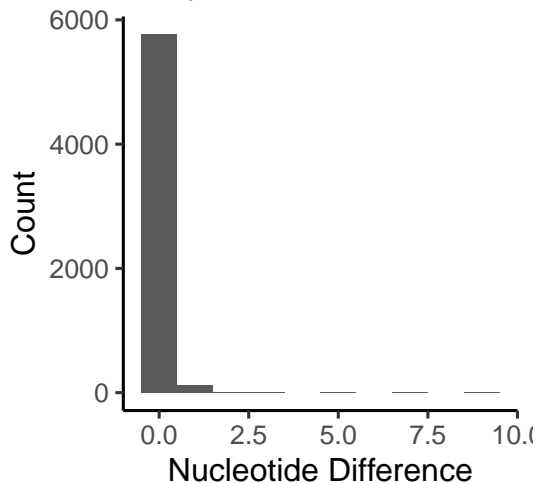
TRBV16*ap01

60 sequences assigned
57 (95%) exact matches, in which:
56 unique CDR3
12 unique J



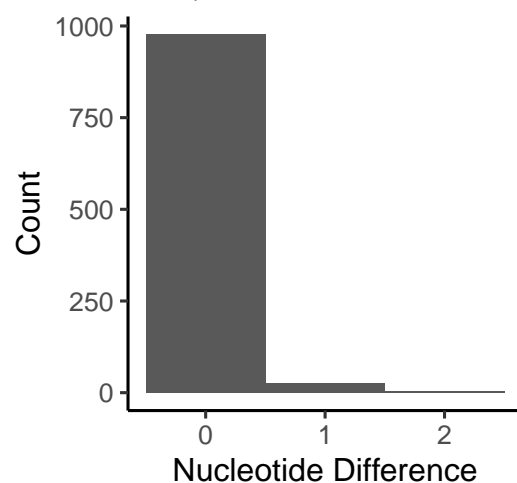
TRBV19*ap01

5894 sequences assigned
5766 (97.8%) exact matches, in which:
5612 unique CDR3
13 unique J



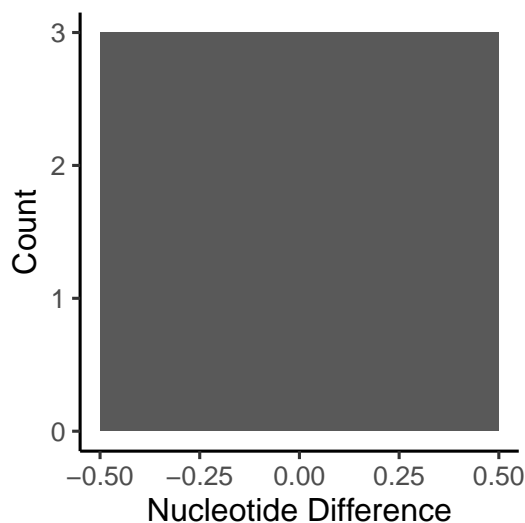
TRBV28*ap01

1006 sequences assigned
977 (97.1%) exact matches, in which:
952 unique CDR3
13 unique J



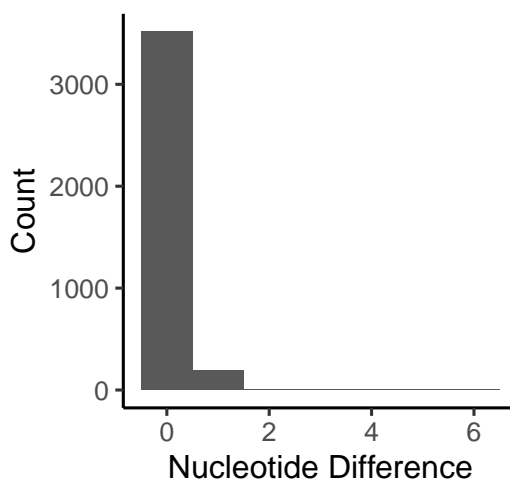
TRBV17*ap01

3 sequences assigned
3 (100%) exact matches, in which:
3 unique CDR3
3 unique J



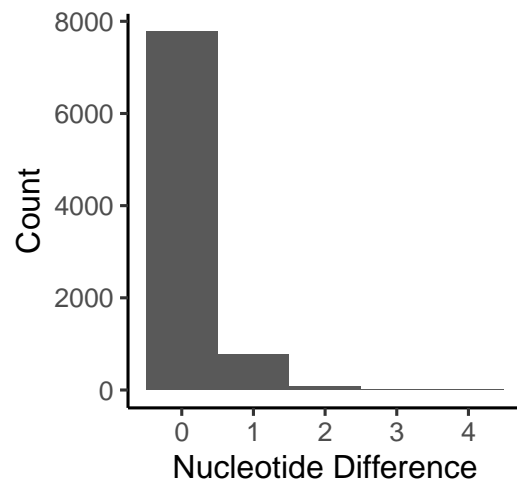
TRBV2*ap01

3716 sequences assigned
3516 (94.6%) exact matches, in which:
3399 unique CDR3
13 unique J



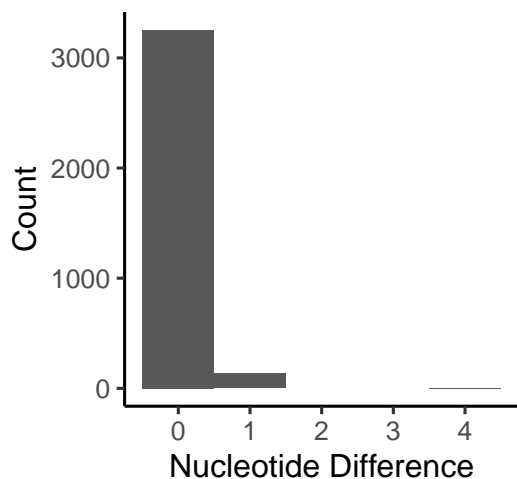
TRBV30*ap01

8621 sequences assigned
7774 (90.2%) exact matches, in which:
7422 unique CDR3
13 unique J



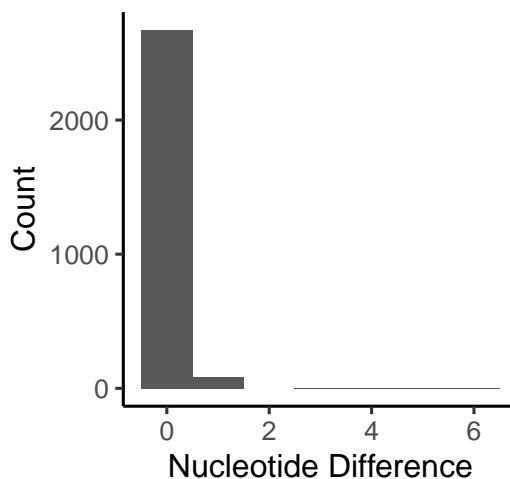
TRBV18*ap01

3389 sequences assigned
3253 (96%) exact matches, in which:
3192 unique CDR3
13 unique J



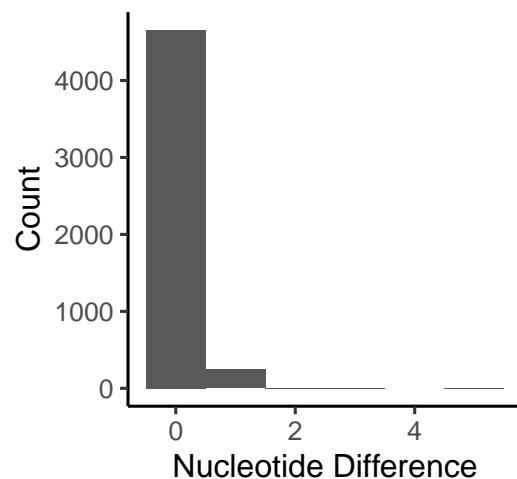
TRBV27*ap01

2761 sequences assigned
2671 (96.7%) exact matches, in which:
2596 unique CDR3
13 unique J



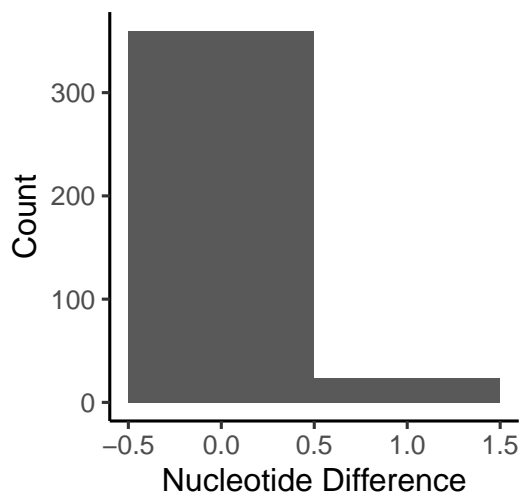
TRBV9*ap01

4909 sequences assigned
4656 (94.8%) exact matches, in which:
4558 unique CDR3
13 unique J



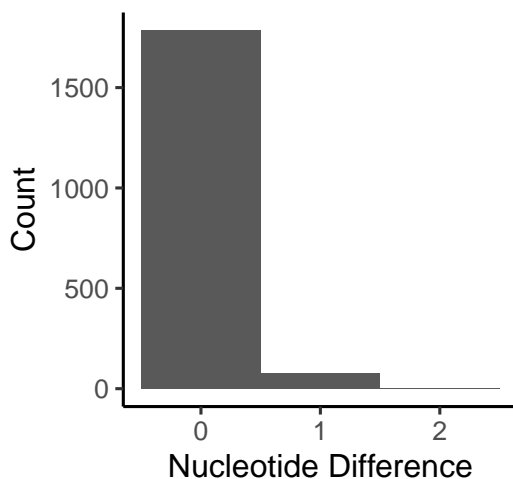
TRBV11-1*ap01

384 sequences assigned
360 (93.8%) exact matches, in which:
352 unique CDR3
13 unique J



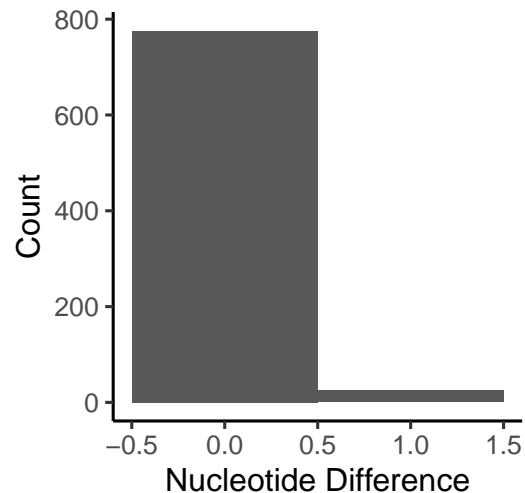
TRBV11-3*ap01

1864 sequences assigned
1785 (95.8%) exact matches, in which:
1732 unique CDR3
13 unique J



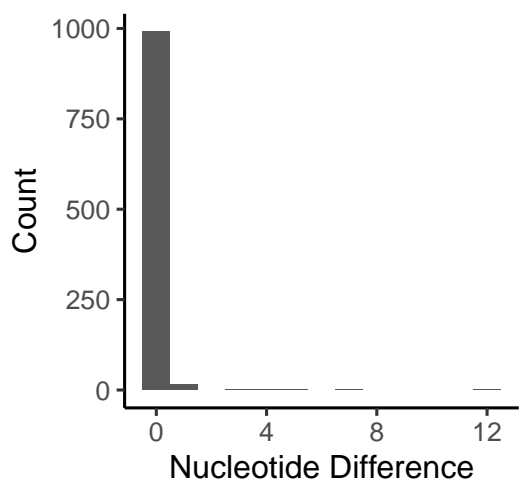
TRBV12-5*ap01

801 sequences assigned
776 (96.9%) exact matches, in which:
747 unique CDR3
13 unique J



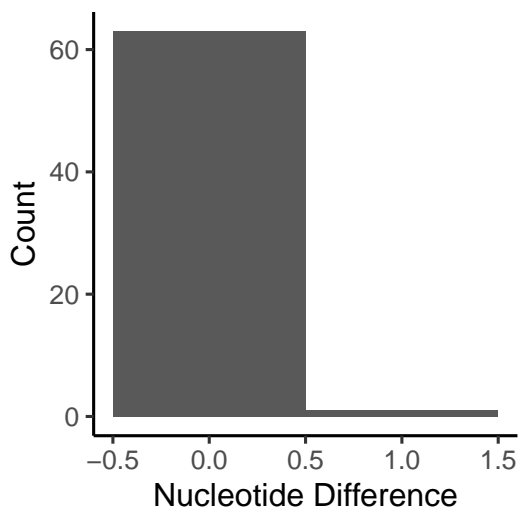
TRBV21-1*ap01

1014 sequences assigned
991 (97.7%) exact matches, in which:
969 unique CDR3
13 unique J



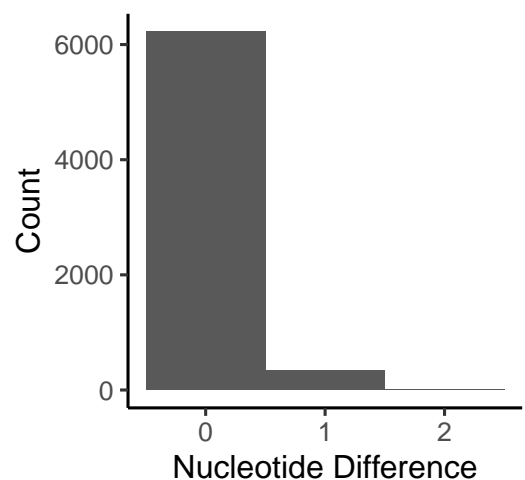
TRBV12-1*ap01

64 sequences assigned
63 (98.4%) exact matches, in which:
61 unique CDR3
13 unique J



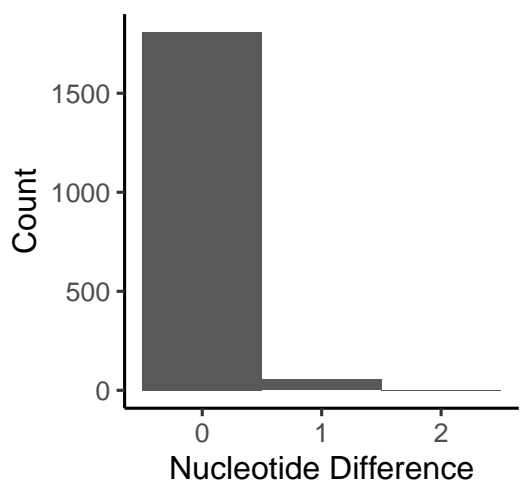
TRBV12-34*ap01

6572 sequences assigned
6223 (94.7%) exact matches, in which:
6032 unique CDR3
13 unique J



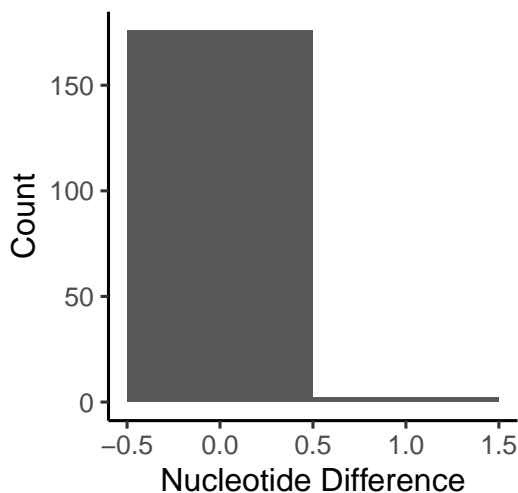
TRBV11-2*ap01

1864 sequences assigned
1809 (97%) exact matches, in which:
1756 unique CDR3
13 unique J



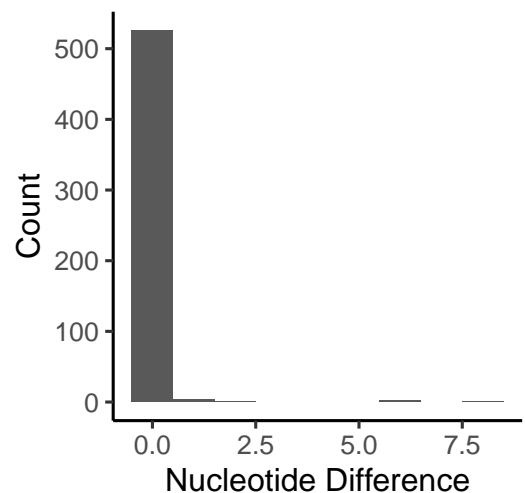
TRBV12-2*ap01

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



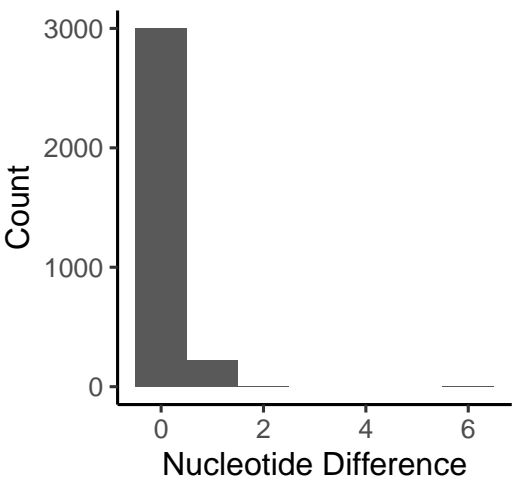
TRBV23-1*ap01

533 sequences assigned
526 (98.7%) exact matches, in which:
520 unique CDR3
13 unique J



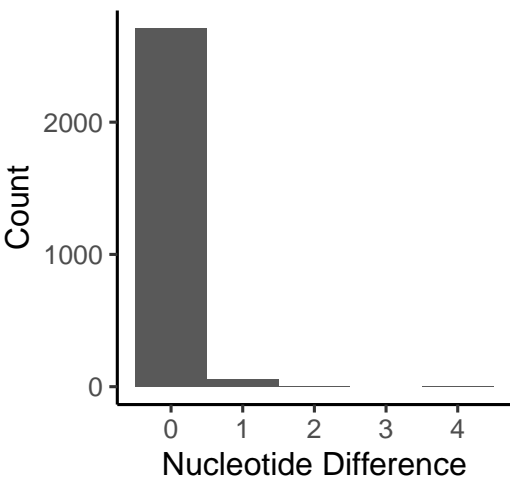
TRBV3-12*ap01

3223 sequences assigned
3000 (93.1%) exact matches, in which:
2909 unique CDR3
13 unique J



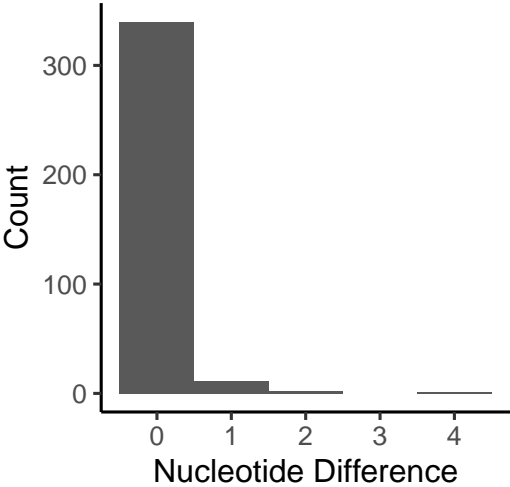
TRBV4-2*ap01

2771 sequences assigned
2709 (97.8%) exact matches, in which:
2657 unique CDR3
13 unique J



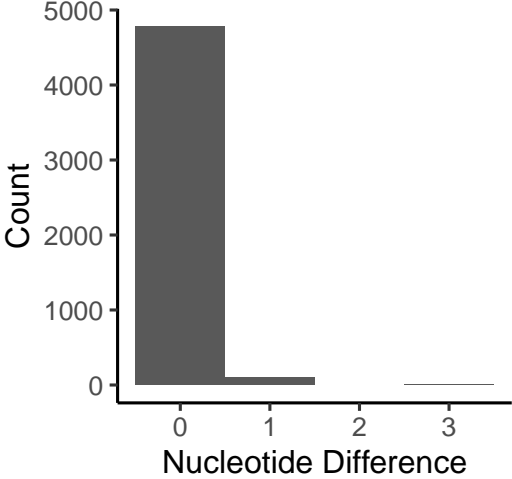
TRBV5-3*ap01

354 sequences assigned
340 (96%) exact matches, in which:
323 unique CDR3
13 unique J



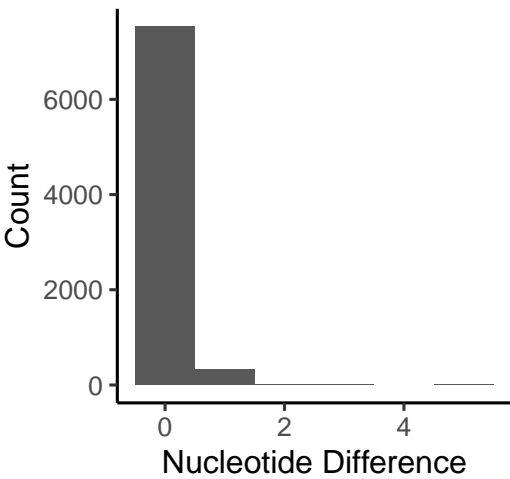
TRBV4-1*ap01

4875 sequences assigned
4777 (98%) exact matches, in which:
4674 unique CDR3
13 unique J



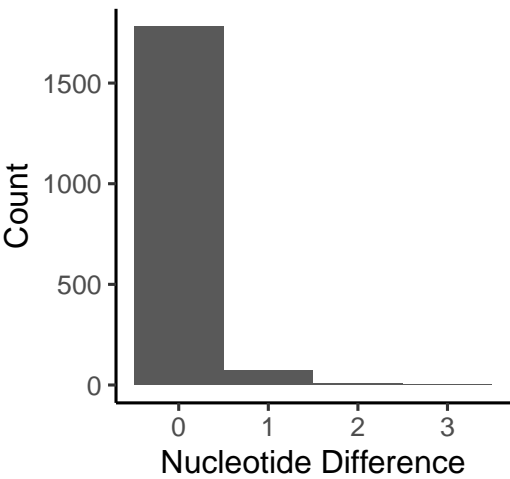
TRBV5-1*ap01

7876 sequences assigned
7526 (95.6%) exact matches, in which:
7265 unique CDR3
13 unique J



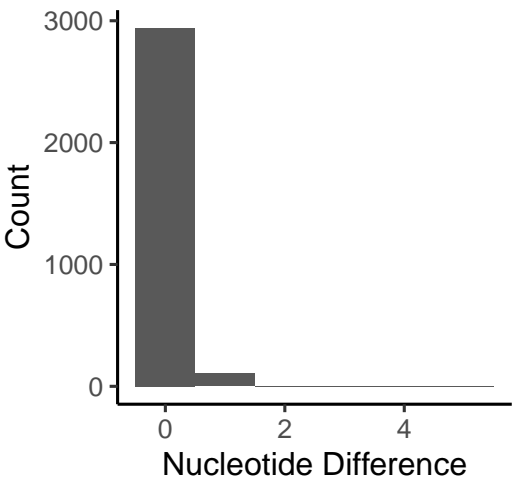
TRBV5-4*ap01

1857 sequences assigned
1780 (95.9%) exact matches, in which:
1720 unique CDR3
13 unique J



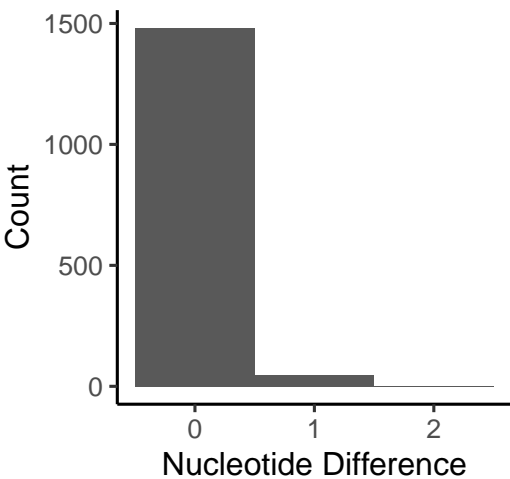
TRBV24-1*ap01

3057 sequences assigned
2940 (96.2%) exact matches, in which:
2868 unique CDR3
13 unique J



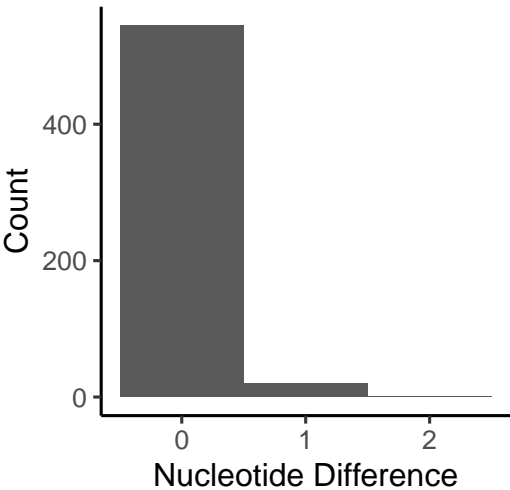
TRBV25-1*ap01

1530 sequences assigned
1481 (96.8%) exact matches, in which:
1425 unique CDR3
13 unique J



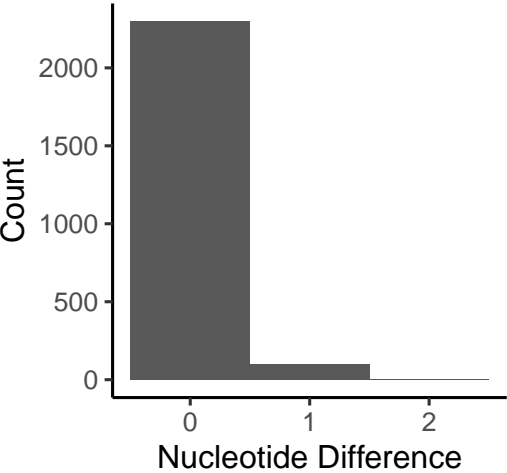
TRBV5-5*ap01

566 sequences assigned
545 (96.3%) exact matches, in which:
516 unique CDR3
13 unique J



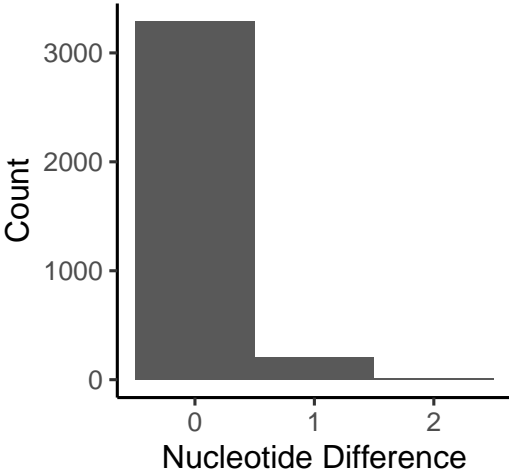
TRBV5-6*ap01

2397 sequences assigned
2298 (95.9%) exact matches, in which:
2165 unique CDR3
13 unique J



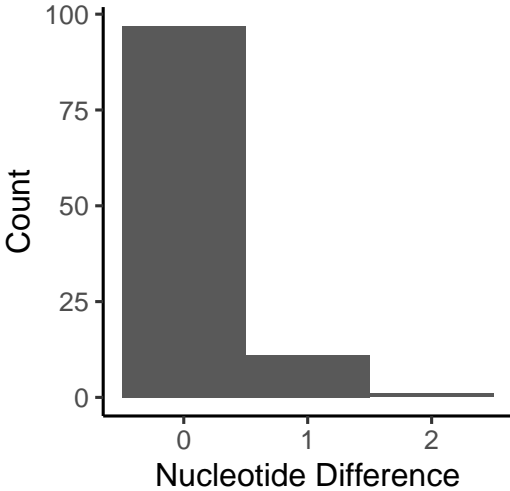
TRBV6-1*ap01

3505 sequences assigned
3289 (93.8%) exact matches, in which:
3221 unique CDR3
13 unique J



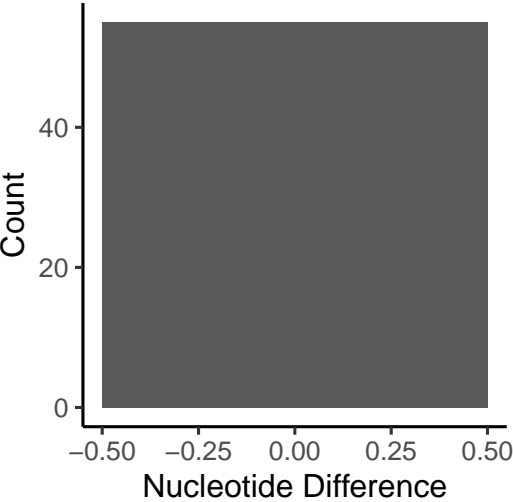
TRBV6-8*ap01

109 sequences assigned
97 (89%) exact matches, in which:
94 unique CDR3
12 unique J



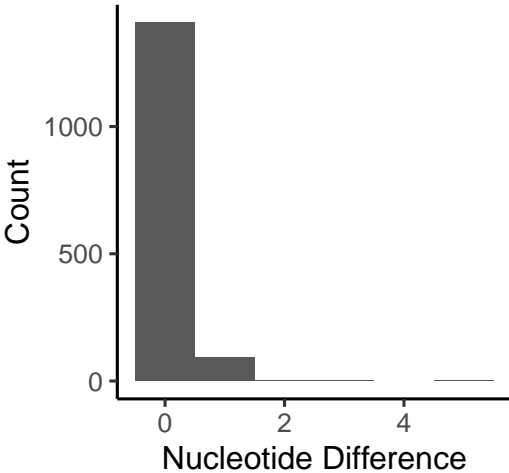
TRBV5-7*ap01

55 sequences assigned
55 (100%) exact matches, in which:
54 unique CDR3
12 unique J



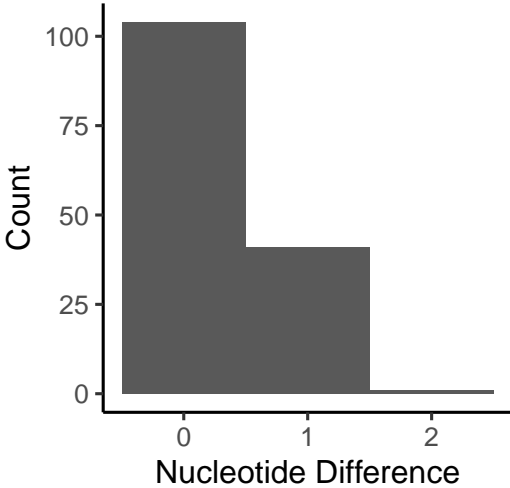
TRBV6-4*ap01

1506 sequences assigned
1408 (93.5%) exact matches, in which:
1360 unique CDR3
13 unique J



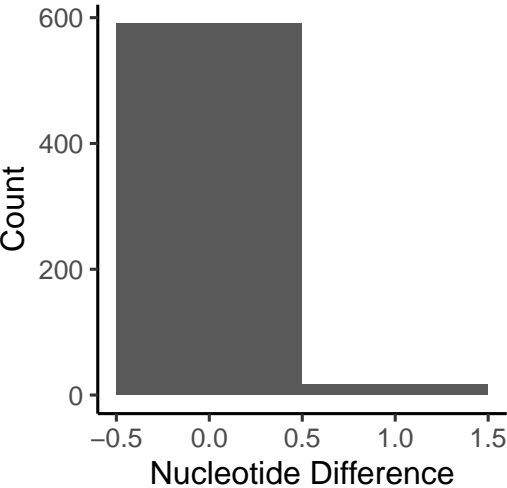
TRBV6-9*ap01

146 sequences assigned
104 (71.2%) exact matches, in which:
98 unique CDR3
12 unique J



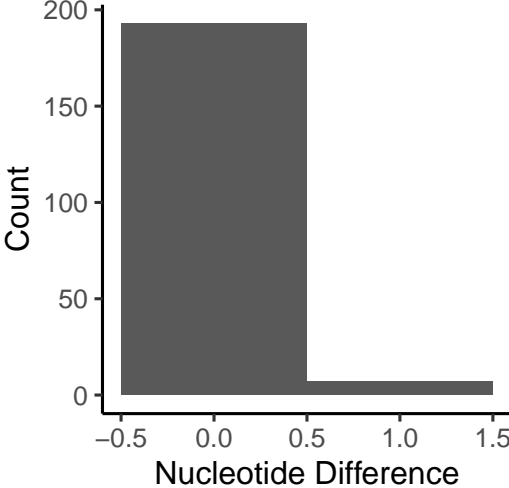
TRBV5-8*ap01

608 sequences assigned
591 (97.2%) exact matches, in which:
568 unique CDR3
13 unique J



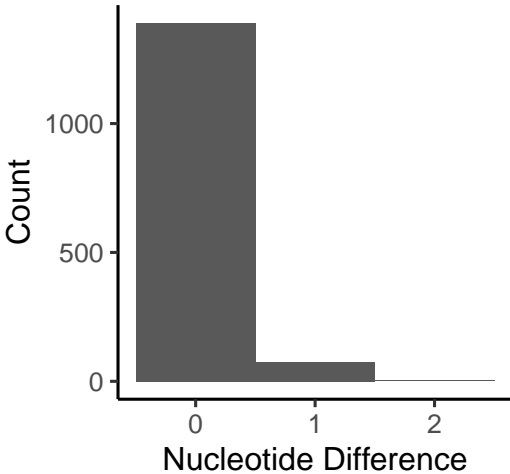
TRBV6-7*ap01

200 sequences assigned
193 (96.5%) exact matches, in which:
188 unique CDR3
13 unique J



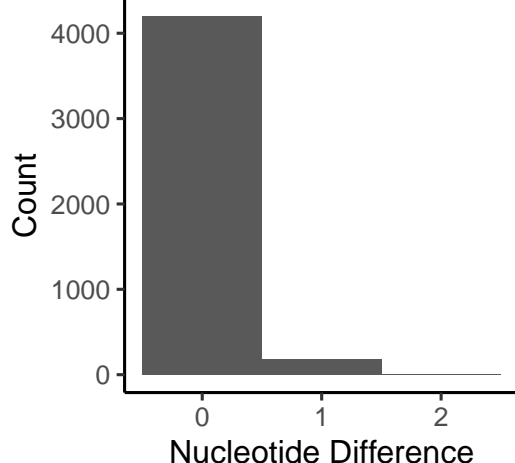
TRBV6-23*ap01

1467 sequences assigned
1390 (94.8%) exact matches, in which:
1347 unique CDR3
13 unique J



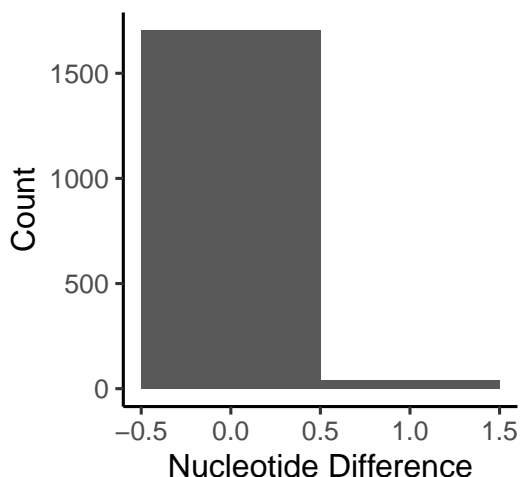
TRBV6-56*ap01

4377 sequences assigned
4197 (95.9%) exact matches, in which:
4114 unique CDR3
13 unique J



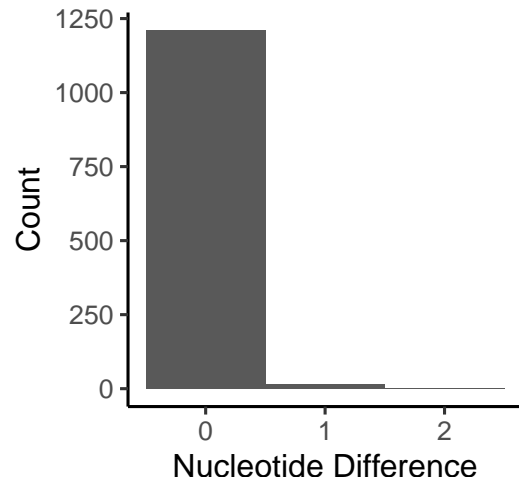
TRBV7-2*ap01

1744 sequences assigned
1704 (97.7%) exact matches, in which:
1642 unique CDR3
13 unique J



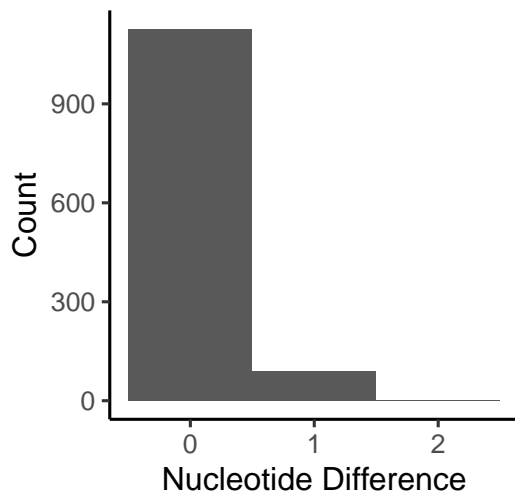
TRBV7-6*ap01

1225 sequences assigned
1210 (98.8%) exact matches, in which:
1163 unique CDR3
13 unique J



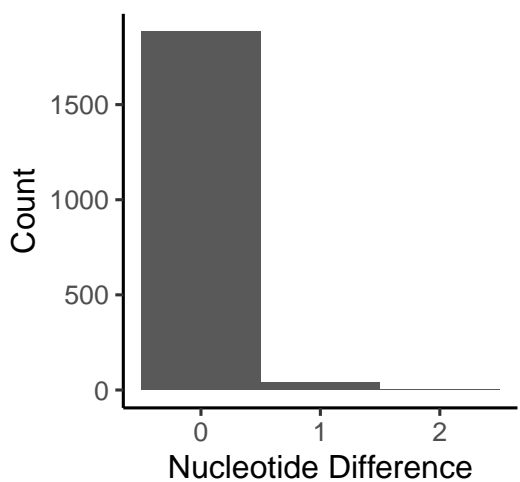
TRBV6-56*ap02

1217 sequences assigned
1127 (92.6%) exact matches, in which:
1103 unique CDR3
13 unique J



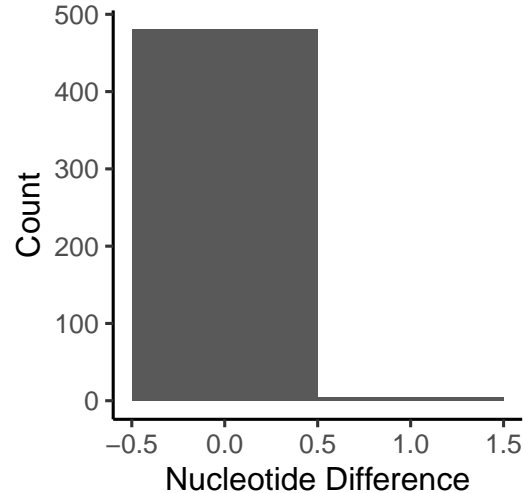
TRBV7-3*ap01

1922 sequences assigned
1883 (98%) exact matches, in which:
1812 unique CDR3
13 unique J



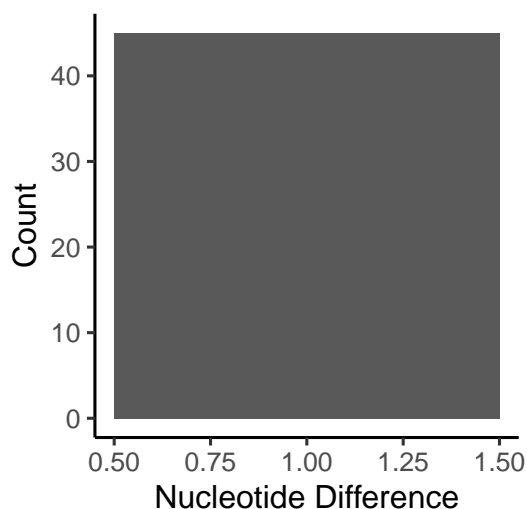
TRBV7-7*ap01_C315T

485 sequences assigned
481 (99.2%) exact matches, in which:
457 unique CDR3
13 unique J



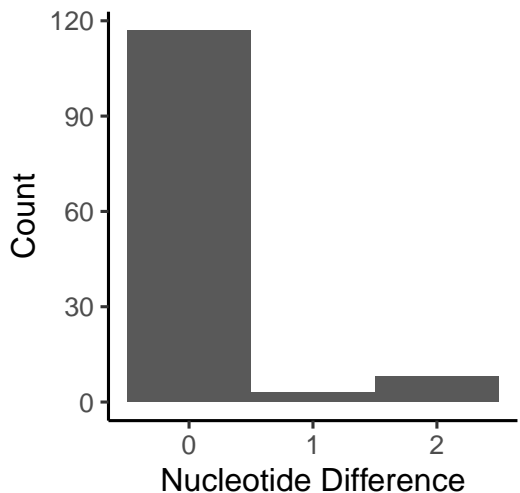
TRBV7-1*ap01_T296C

45 sequences assigned
No exact matches.



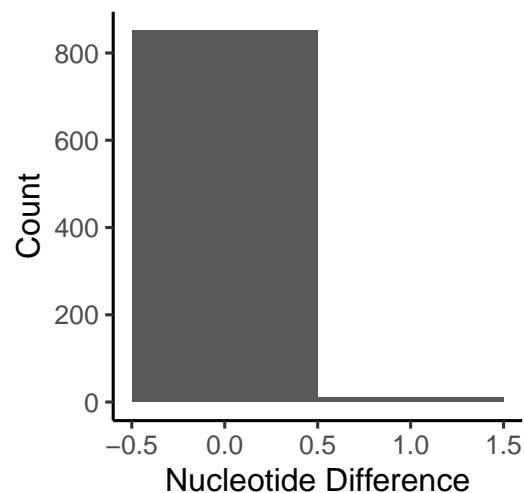
TRBV7-4*ap01

128 sequences assigned
117 (91.4%) exact matches, in which:
110 unique CDR3
13 unique J



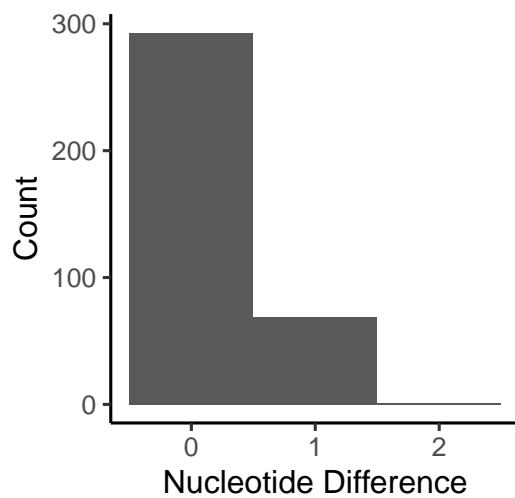
TRBV7-8*ap01

862 sequences assigned
852 (98.8%) exact matches, in which:
827 unique CDR3
13 unique J



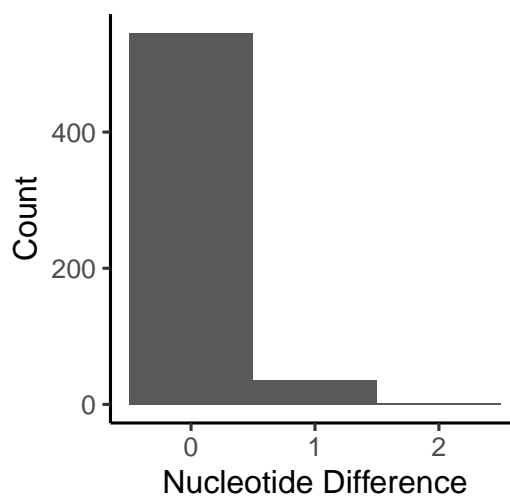
TRBV7-8*ap03

363 sequences assigned
293 (80.7%) exact matches, in which:
280 unique CDR3
12 unique J



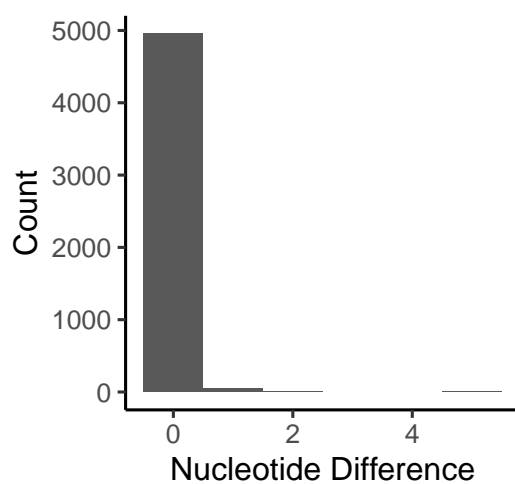
TRBV29-1*ap02

584 sequences assigned
546 (93.5%) exact matches, in which:
517 unique CDR3
13 unique J



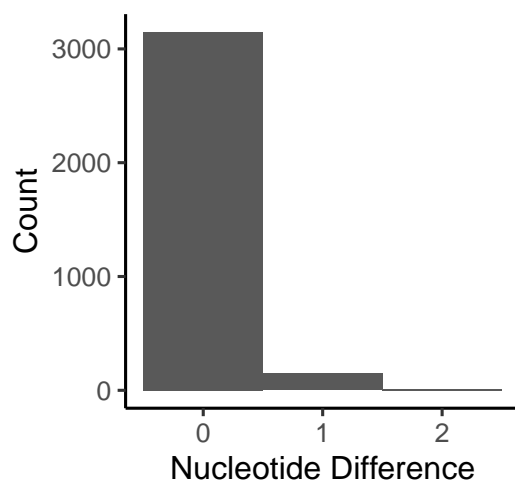
TRBV7-9*ap01

5006 sequences assigned
4955 (99%) exact matches, in which:
4780 unique CDR3
13 unique J

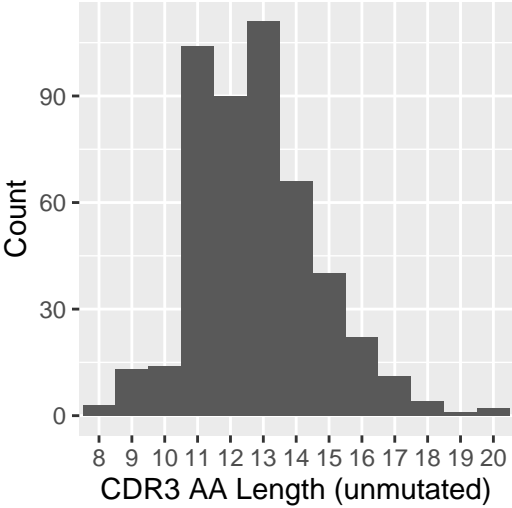


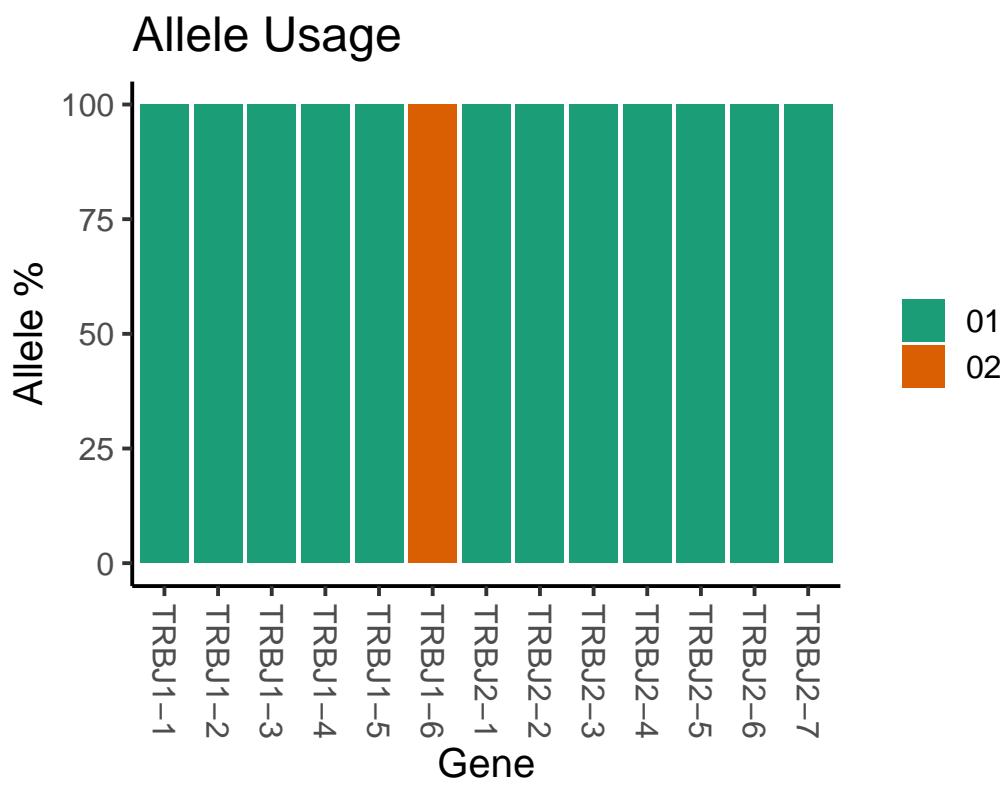
TRBV29-1*ap01

3309 sequences assigned
3148 (95.1%) exact matches, in which:
3024 unique CDR3
13 unique J



TRBV7-7*ap01_C315T





[illegible]