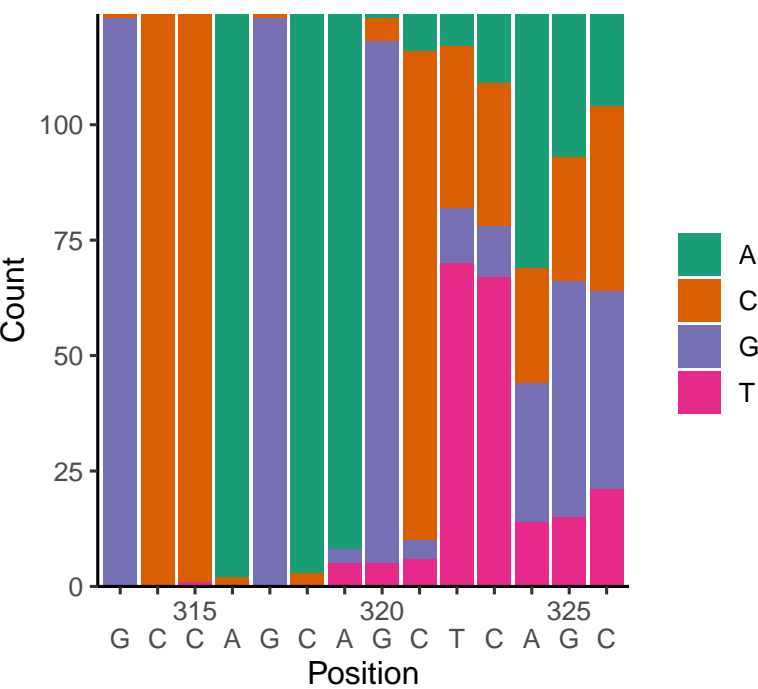
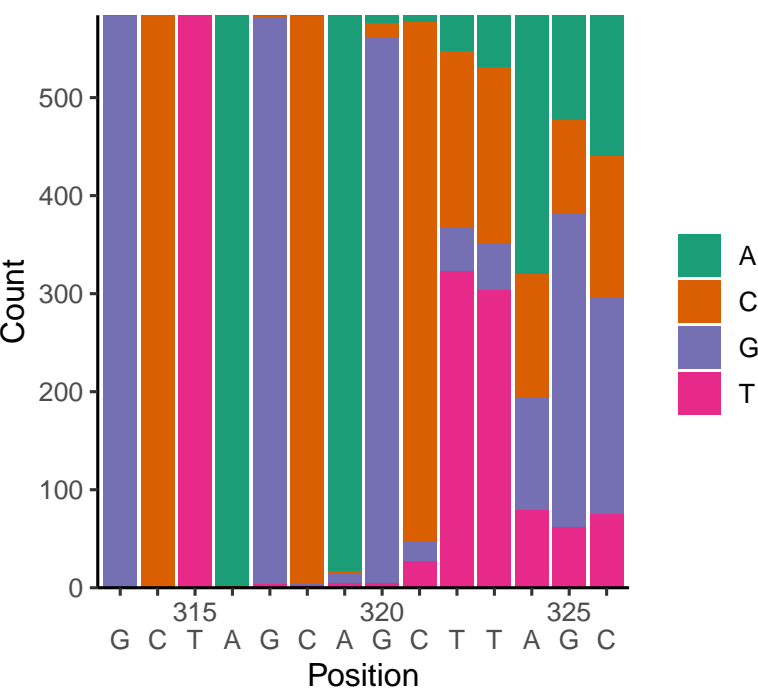


Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



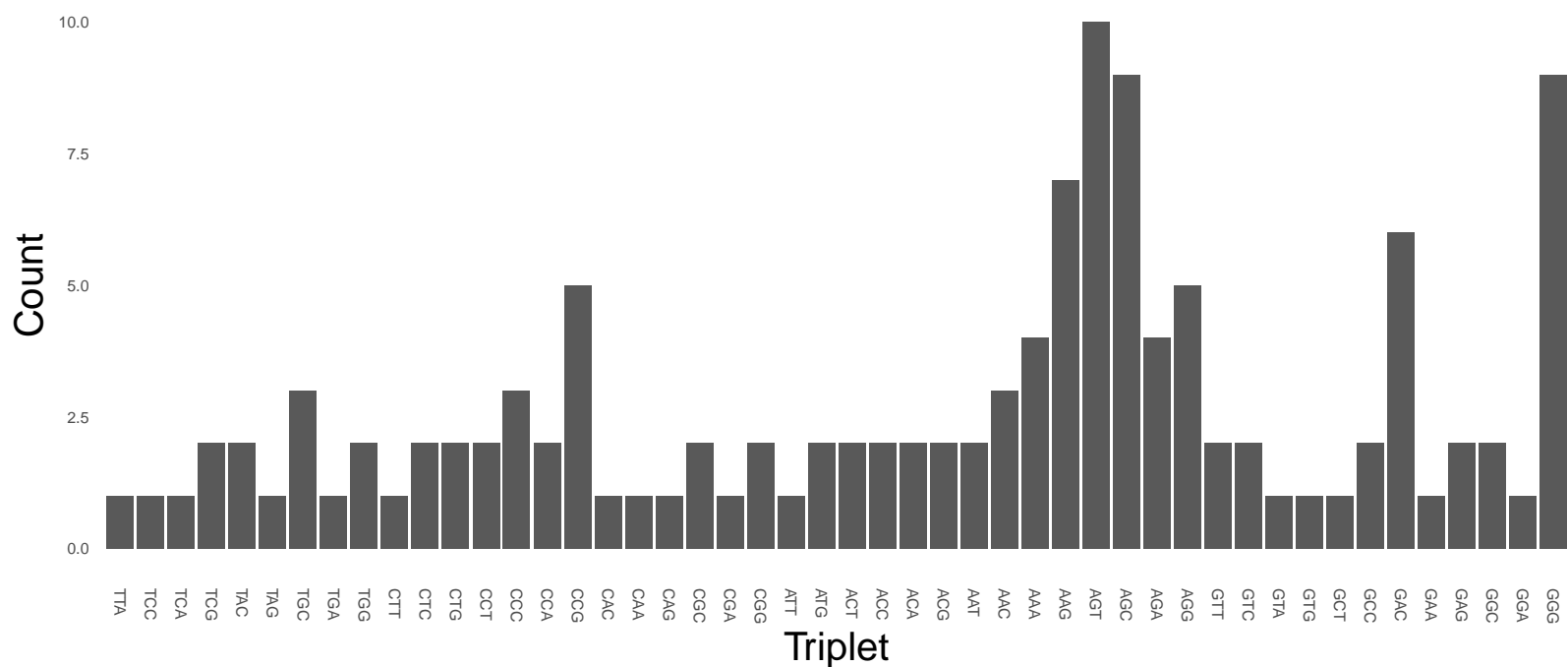
Gene TRBV7-1*ap01_G291C_T296C



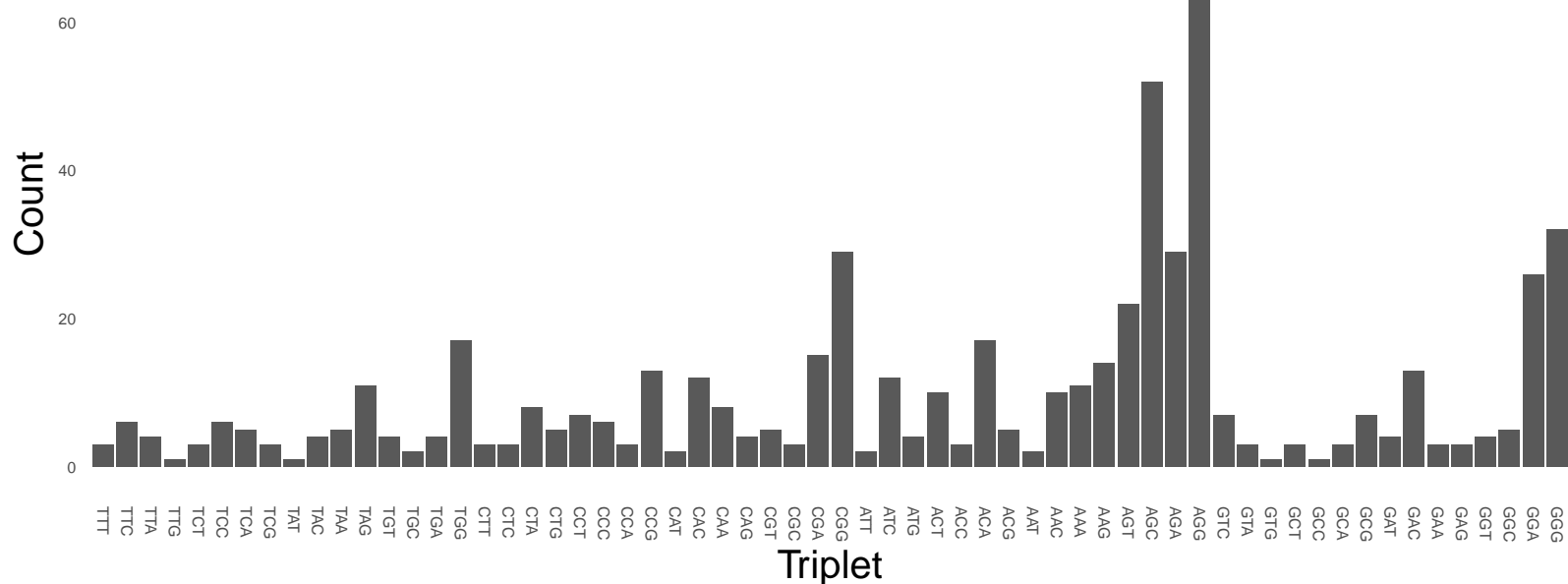
Gene TRBV7-7*ap01_C315T



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

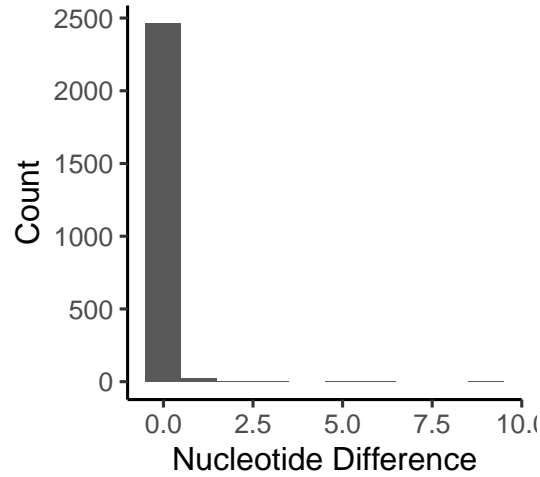


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



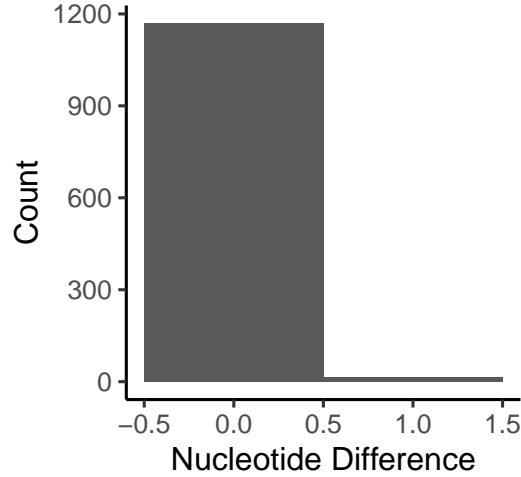
TRBV10-1*ap01

2496 sequences assigned
2463 (98.7%) exact matches, in which:
2378 unique CDR3
13 unique J



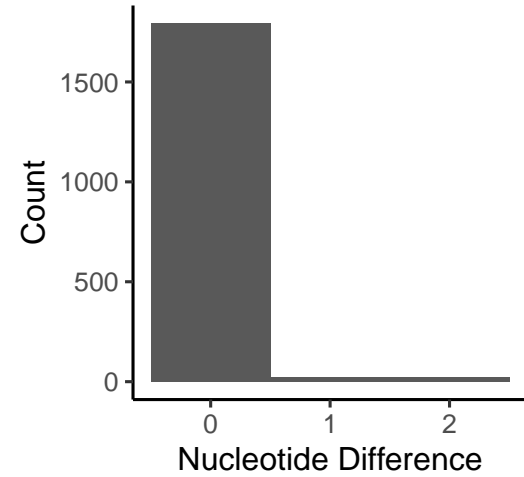
TRBV10-2*ap01

1185 sequences assigned
1169 (98.6%) exact matches, in which:
1135 unique CDR3
13 unique J



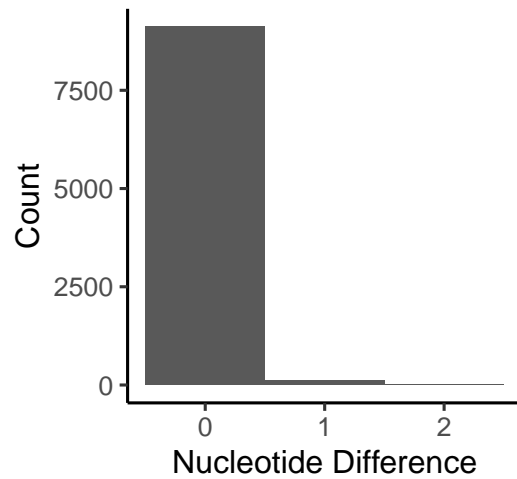
TRBV13*ap01

1838 sequences assigned
1793 (97.6%) exact matches, in which:
1720 unique CDR3
13 unique J



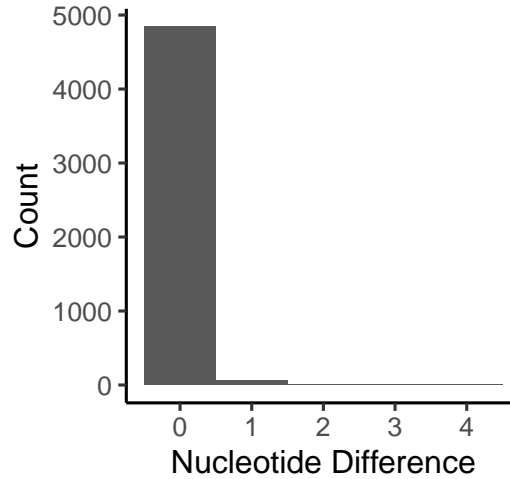
TRBV20-1*ap01

9223 sequences assigned
9118 (98.9%) exact matches, in which:
8975 unique CDR3
13 unique J



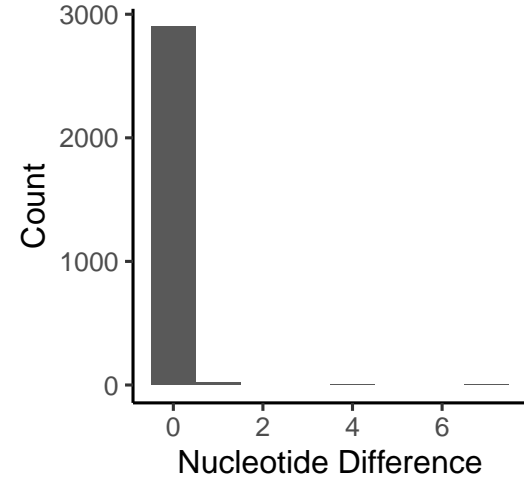
TRBV10-3*ap01

4915 sequences assigned
4842 (98.5%) exact matches, in which:
4724 unique CDR3
13 unique J



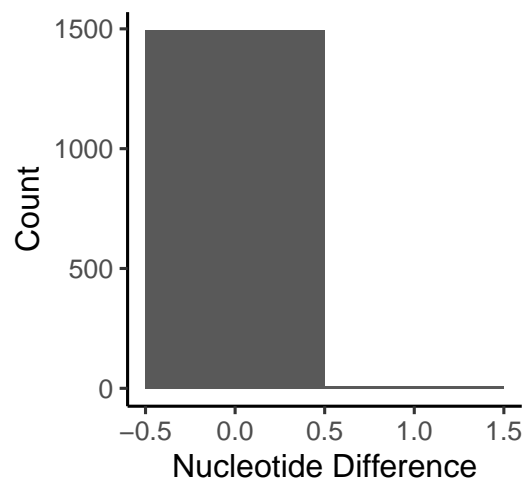
TRBV14*ap01

2923 sequences assigned
2899 (99.2%) exact matches, in which:
2844 unique CDR3
13 unique J



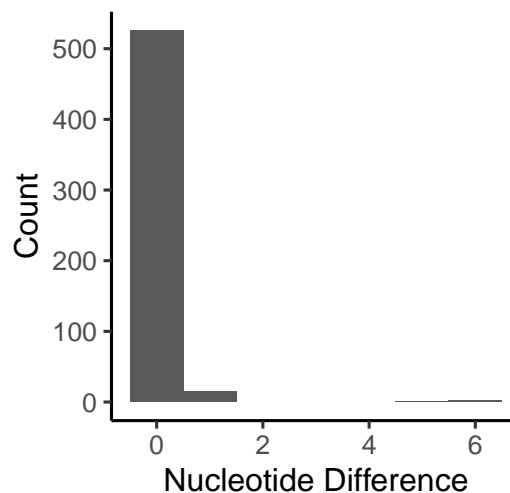
TRBV20-1*ap02

1504 sequences assigned
1495 (99.4%) exact matches, in which:
1458 unique CDR3
13 unique J



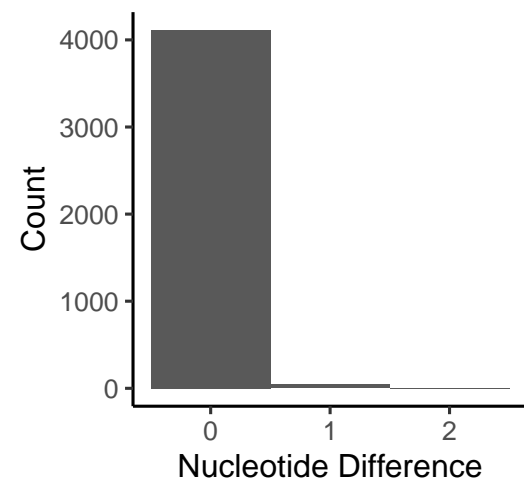
TRBV1*ap01

544 sequences assigned
526 (96.7%) exact matches, in which:
510 unique CDR3
13 unique J



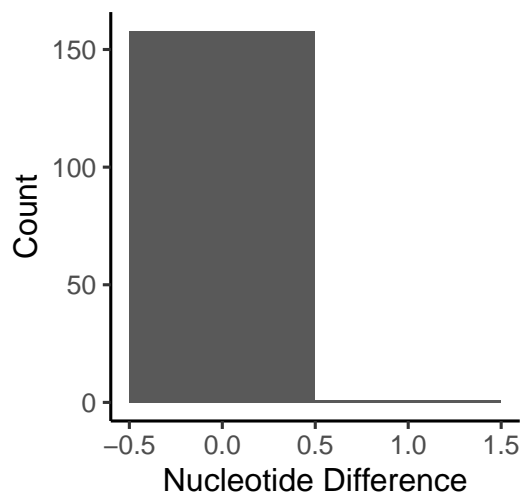
TRBV15*ap02

4159 sequences assigned
4113 (98.9%) exact matches, in which:
4004 unique CDR3
13 unique J



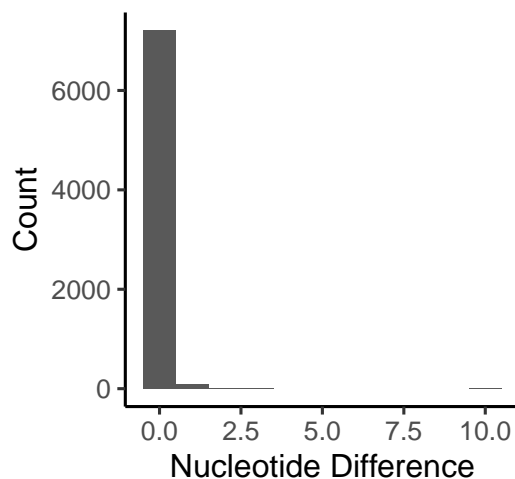
TRBV16*ap01

159 sequences assigned
158 (99.4%) exact matches, in which:
157 unique CDR3
13 unique J



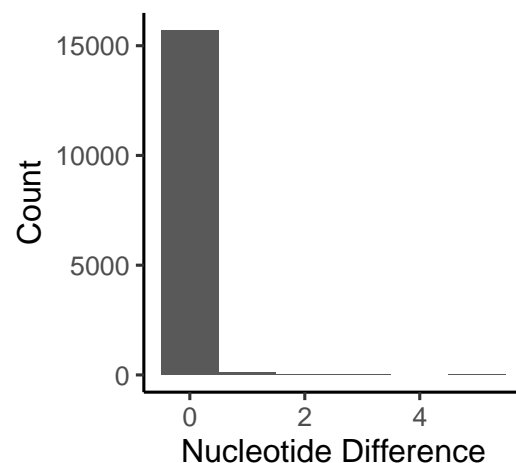
TRBV2*ap01

7304 sequences assigned
7208 (98.7%) exact matches, in which:
6994 unique CDR3
13 unique J



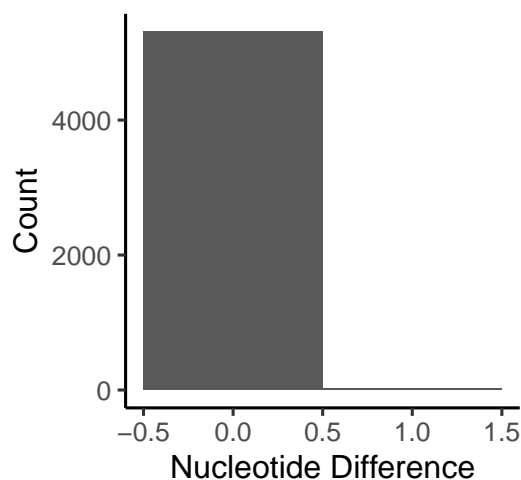
TRBV28*ap01

15832 sequences assigned
15709 (99.2%) exact matches, in which:
15525 unique CDR3
13 unique J



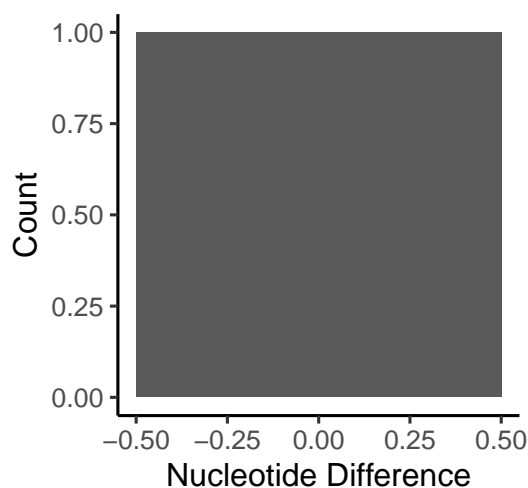
TRBV18*ap01

5328 sequences assigned
5309 (99.6%) exact matches, in which:
5257 unique CDR3
13 unique J



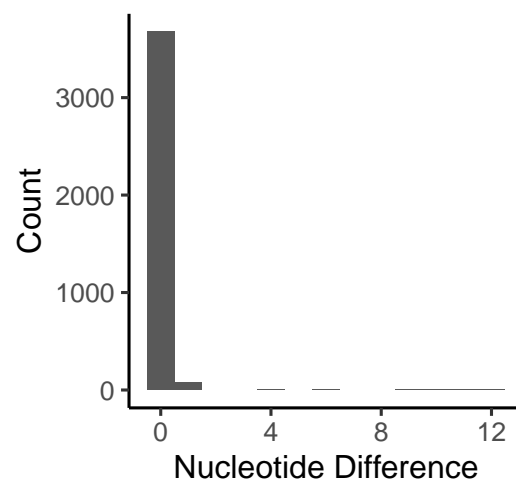
TRBV26*ap01

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



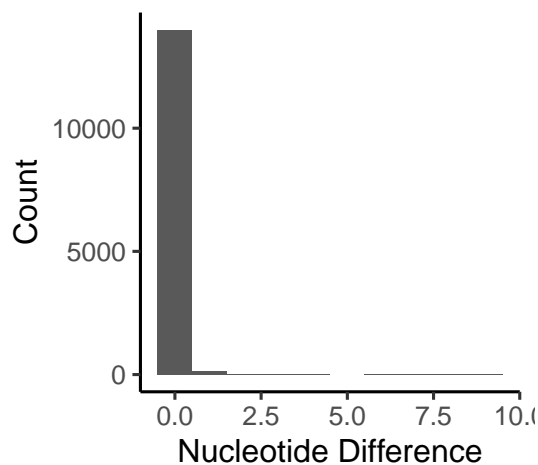
TRBV30*ap01

3765 sequences assigned
3676 (97.6%) exact matches, in which:
3573 unique CDR3
13 unique J



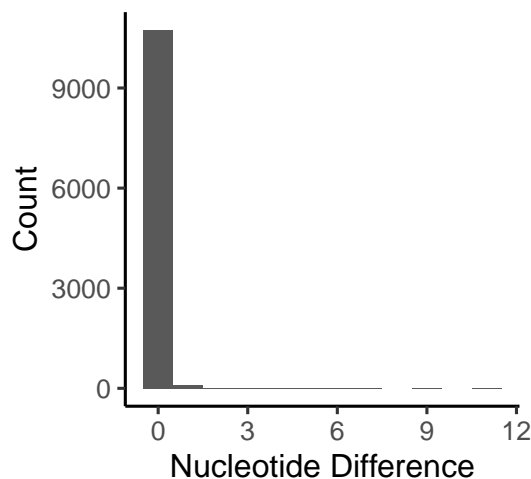
TRBV19*ap01

14144 sequences assigned
13994 (98.9%) exact matches, in which:
13805 unique CDR3
13 unique J



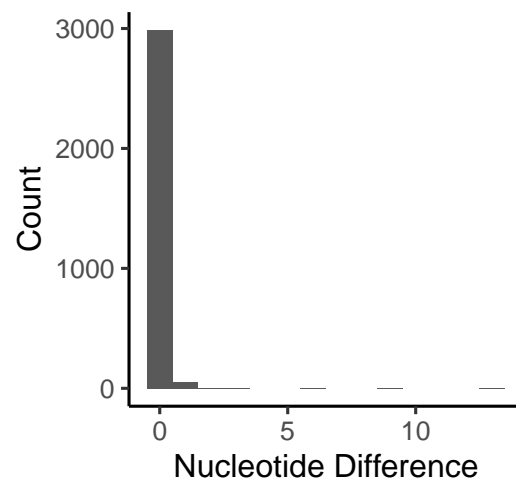
TRBV27*ap01

10851 sequences assigned
10737 (98.9%) exact matches, in which:
10540 unique CDR3
13 unique J



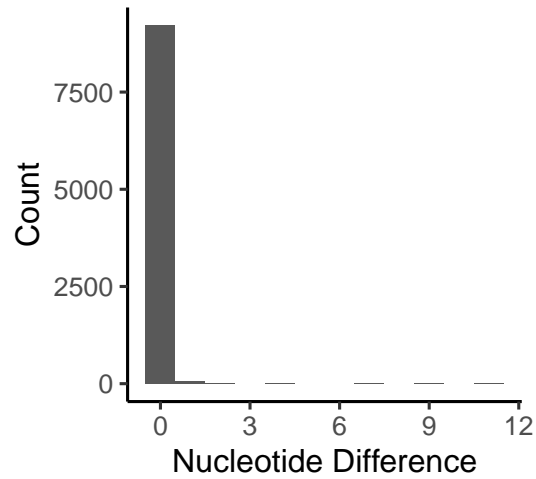
TRBV30*ap02

3047 sequences assigned
2987 (98%) exact matches, in which:
2915 unique CDR3
13 unique J



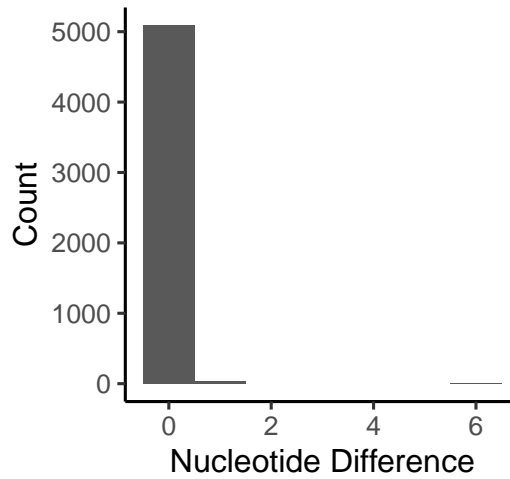
TRBV9*ap01

9294 sequences assigned
9215 (99.1%) exact matches, in which:
9109 unique CDR3
13 unique J



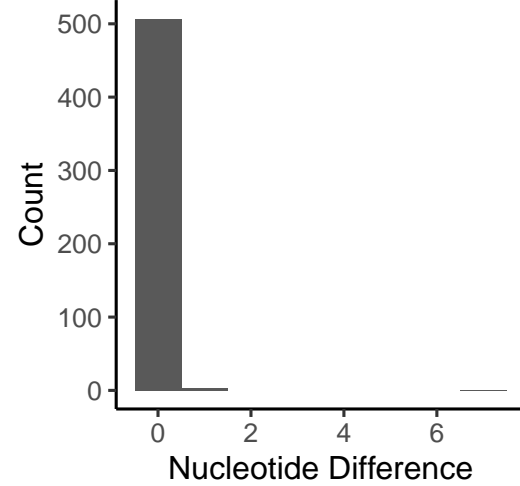
TRBV11-2*ap01

5132 sequences assigned
5089 (99.2%) exact matches, in which:
4990 unique CDR3
13 unique J



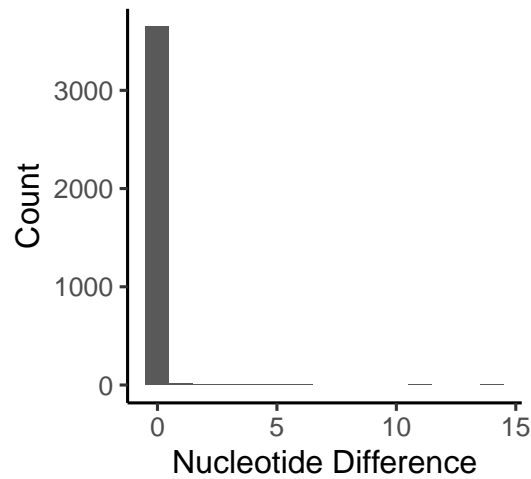
TRBV12-2*ap01

511 sequences assigned
507 (99.2%) exact matches, in which:
495 unique CDR3
13 unique J



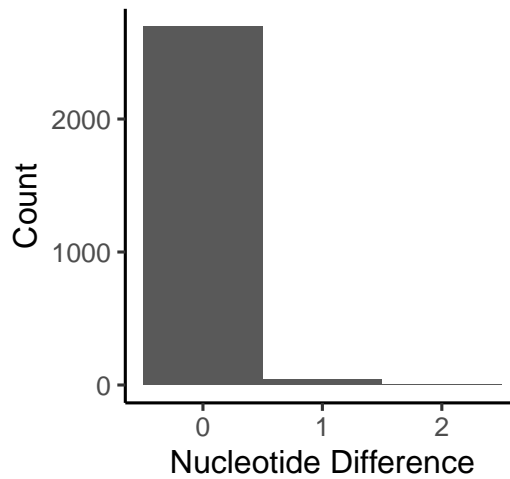
TRBV21-1*ap01

3689 sequences assigned
3648 (98.9%) exact matches, in which:
3618 unique CDR3
13 unique J



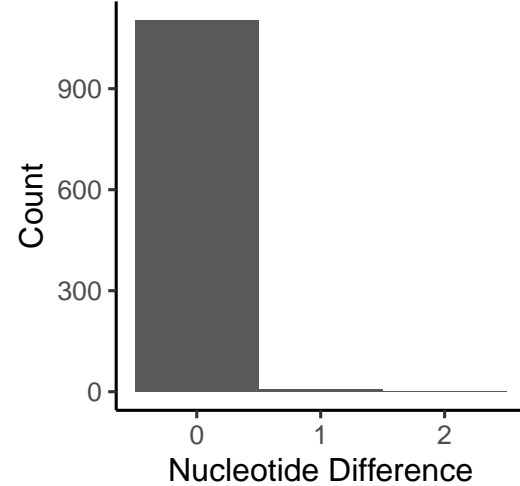
TRBV11-3*ap01

2735 sequences assigned
2694 (98.5%) exact matches, in which:
2653 unique CDR3
13 unique J



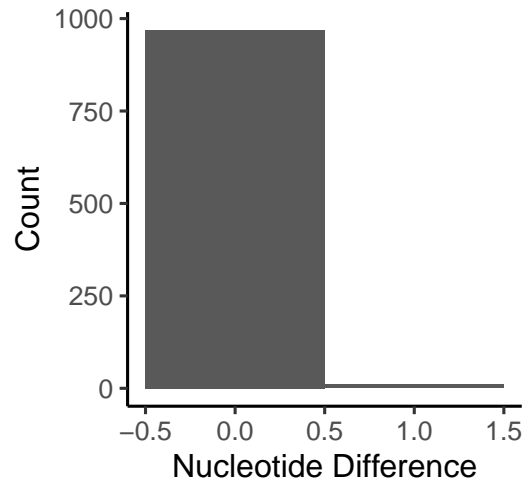
TRBV12-5*ap01

1113 sequences assigned
1104 (99.2%) exact matches, in which:
1085 unique CDR3
13 unique J



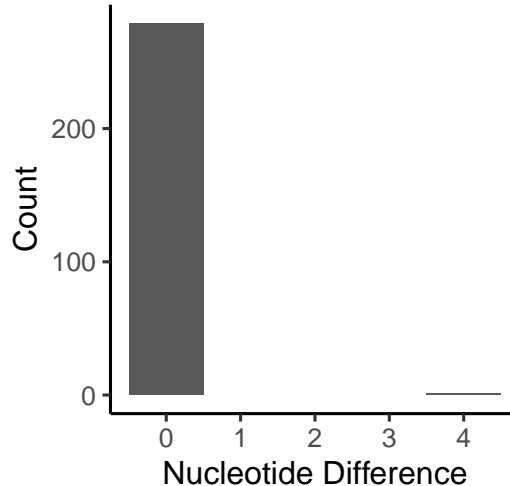
TRBV11-1*ap01

979 sequences assigned
969 (99%) exact matches, in which:
949 unique CDR3
13 unique J



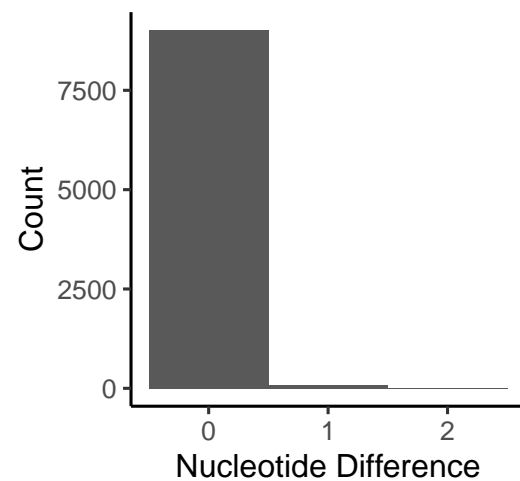
TRBV12-1*ap01

280 sequences assigned
279 (99.6%) exact matches, in which:
272 unique CDR3
12 unique J



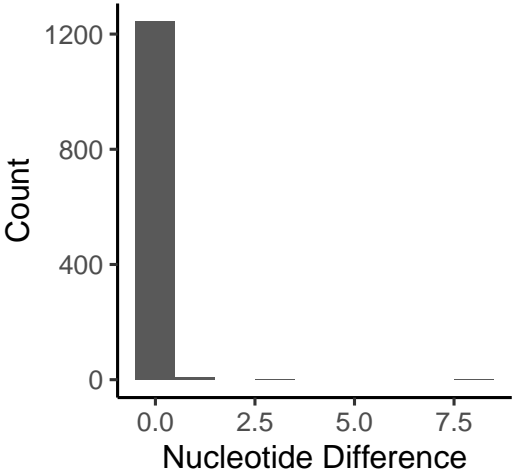
TRBV12-34*ap01

9097 sequences assigned
9017 (99.1%) exact matches, in which:
8820 unique CDR3
13 unique J



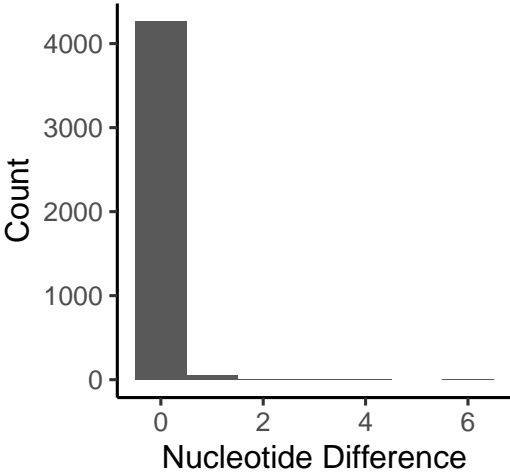
TRBV23-1*ap01

1253 sequences assigned
1244 (99.3%) exact matches, in which:
1233 unique CDR3
13 unique J



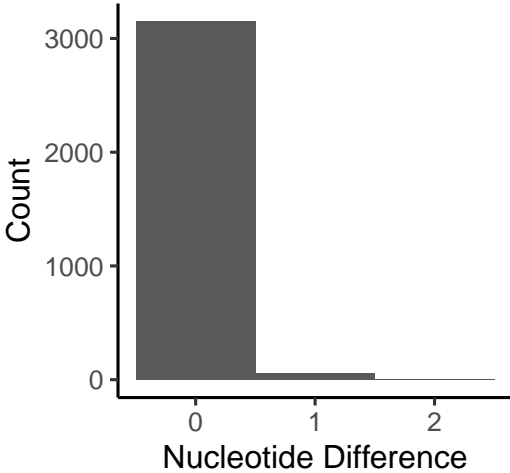
TRBV24-1*ap01

4319 sequences assigned
4264 (98.7%) exact matches, in which:
4201 unique CDR3
13 unique J



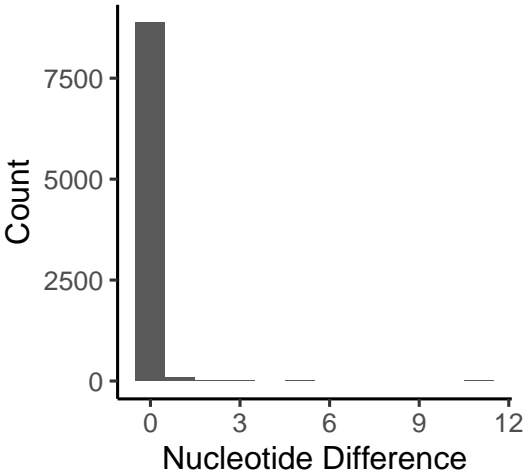
TRBV25-1*ap01

3213 sequences assigned
3150 (98%) exact matches, in which:
3061 unique CDR3
13 unique J



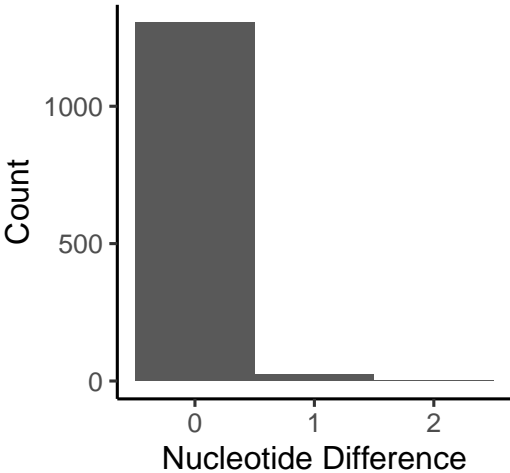
TRBV3-12*ap01

8980 sequences assigned
8874 (98.8%) exact matches, in which:
8683 unique CDR3
13 unique J



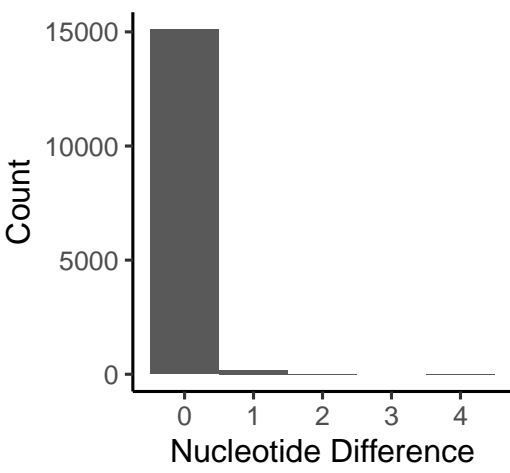
TRBV4-2*ap01

1327 sequences assigned
1304 (98.3%) exact matches, in which:
1263 unique CDR3
13 unique J



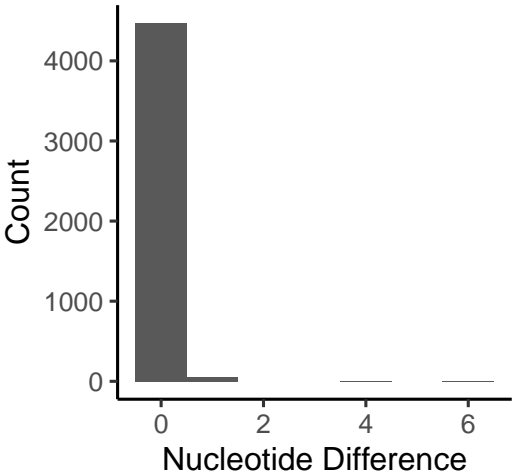
TRBV5-1*ap01

15305 sequences assigned
15106 (98.7%) exact matches, in which:
14630 unique CDR3
13 unique J



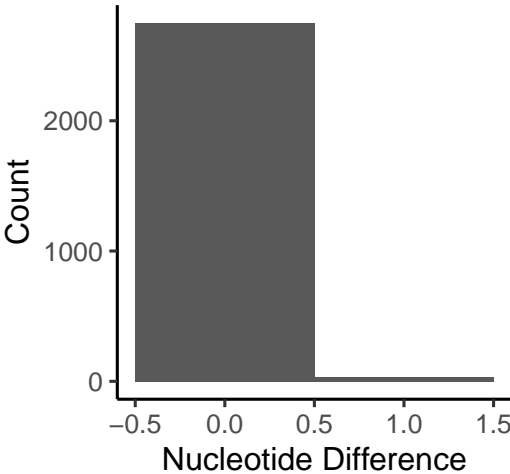
TRBV4-1*ap01

4528 sequences assigned
4472 (98.8%) exact matches, in which:
4351 unique CDR3
13 unique J



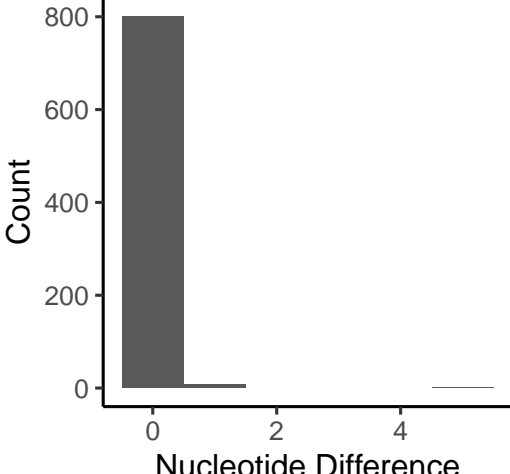
TRBV4-3*ap01

2784 sequences assigned
2750 (98.8%) exact matches, in which:
2679 unique CDR3
13 unique J



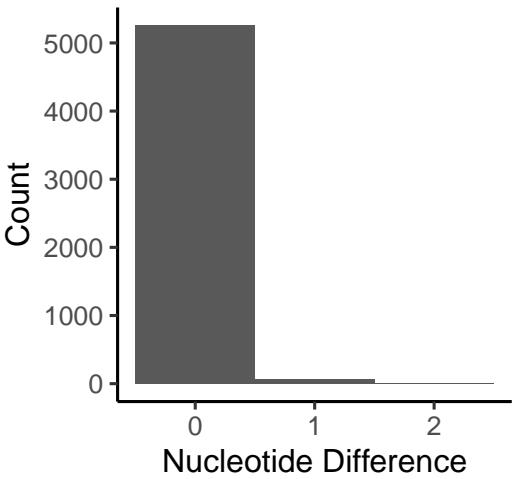
TRBV5-3*ap01

811 sequences assigned
801 (98.8%) exact matches, in which:
781 unique CDR3
13 unique J



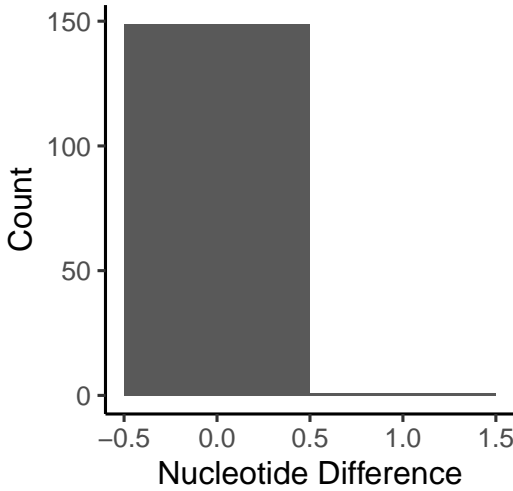
TRBV5-4*ap01

5318 sequences assigned
5257 (98.9%) exact matches, in which:
5112 unique CDR3
13 unique J



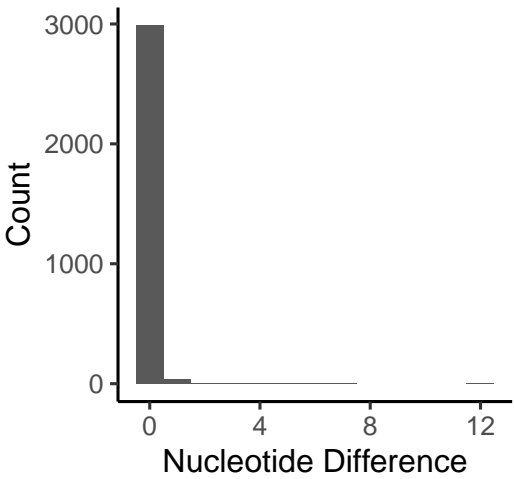
TRBV5-7*ap01

150 sequences assigned
149 (99.3%) exact matches, in which:
143 unique CDR3
12 unique J



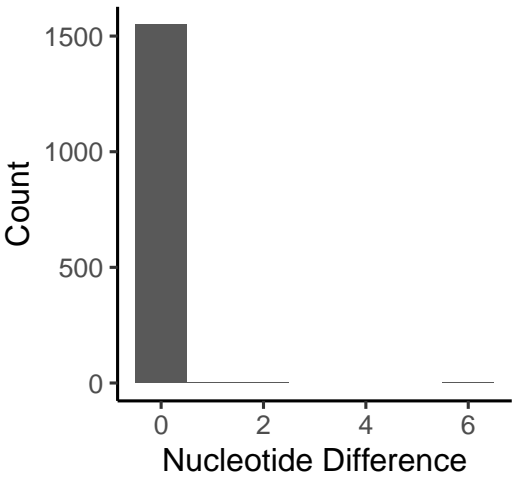
TRBV6-4*ap01

3045 sequences assigned
2988 (98.1%) exact matches, in which:
2947 unique CDR3
13 unique J



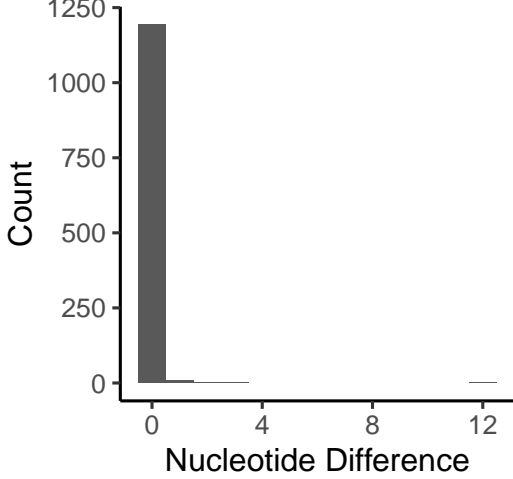
TRBV5-5*ap01

1554 sequences assigned
1549 (99.7%) exact matches, in which:
1530 unique CDR3
13 unique J



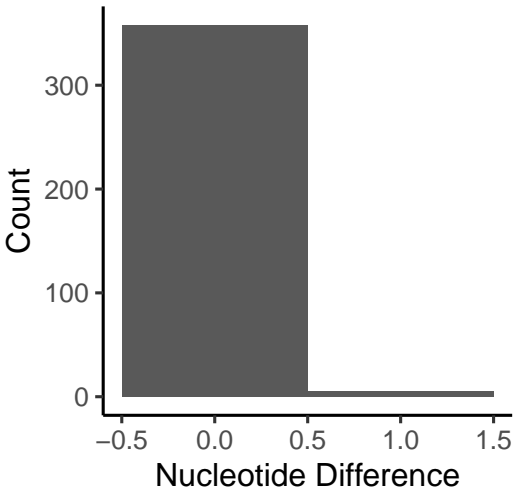
TRBV5-8*ap01

1203 sequences assigned
1193 (99.2%) exact matches, in which:
1169 unique CDR3
13 unique J



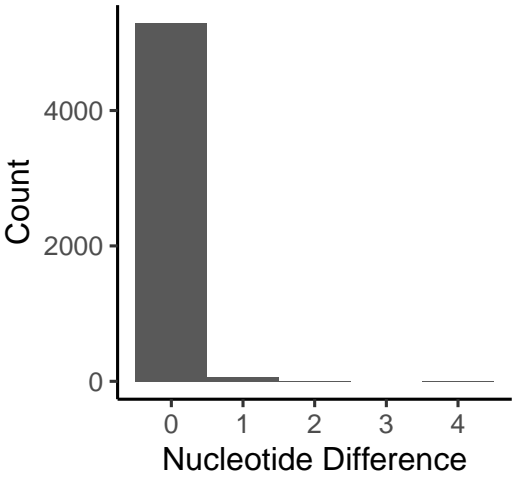
TRBV6-7*ap01

363 sequences assigned
358 (98.6%) exact matches, in which:
351 unique CDR3
13 unique J



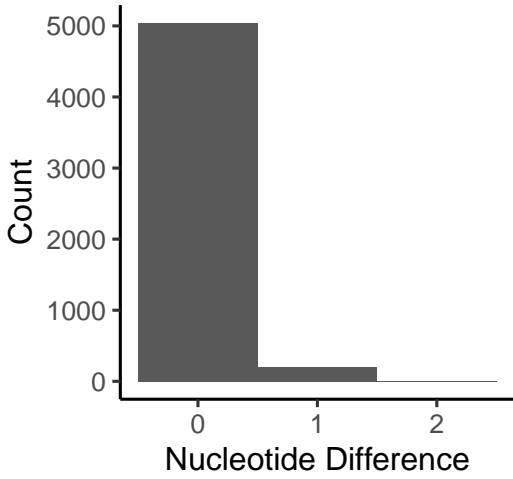
TRBV5-6*ap01

5360 sequences assigned
5292 (98.7%) exact matches, in which:
5085 unique CDR3
13 unique J



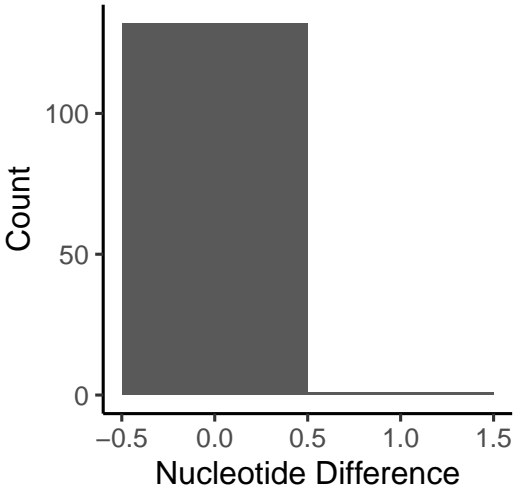
TRBV6-1*ap01

5239 sequences assigned
5040 (96.2%) exact matches, in which:
4855 unique CDR3
13 unique J



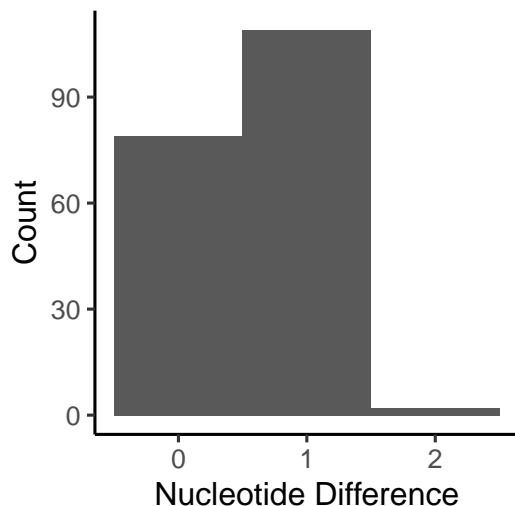
TRBV6-8*ap01

133 sequences assigned
132 (99.2%) exact matches, in which:
126 unique CDR3
13 unique J



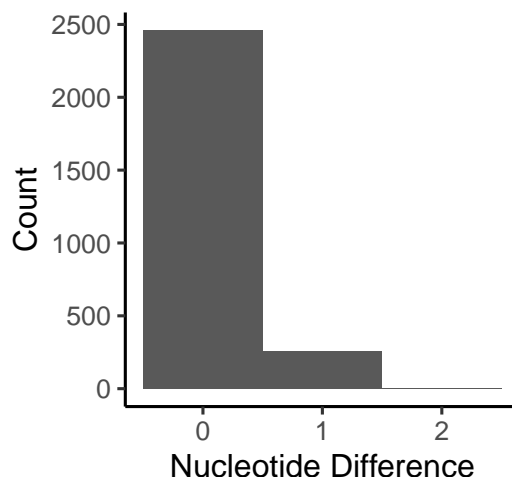
TRBV6-9*ap01

190 sequences assigned
79 (41.6%) exact matches, in which:
79 unique CDR3
13 unique J



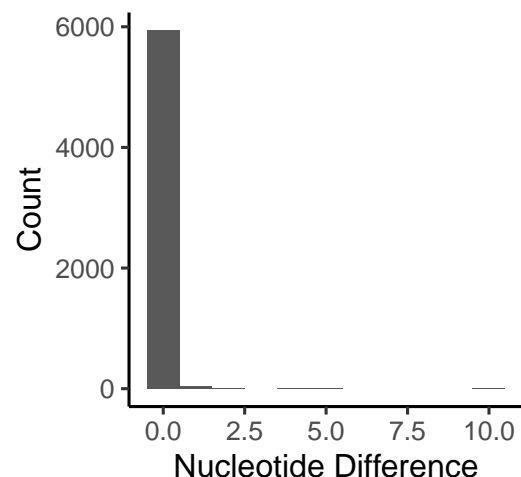
TRBV6-56*ap02

2715 sequences assigned
2459 (90.6%) exact matches, in which:
2391 unique CDR3
13 unique J



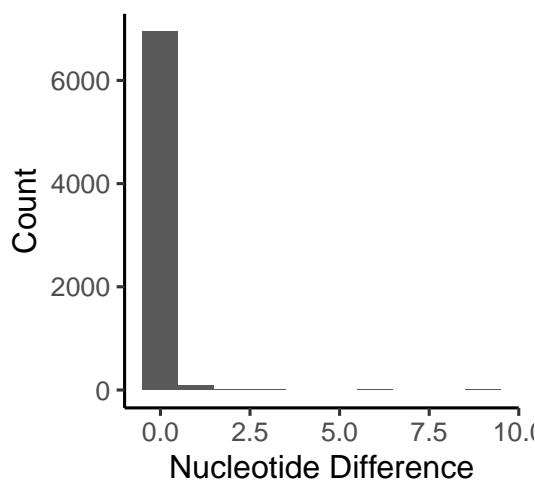
TRBV7-3*ap01

5984 sequences assigned
5940 (99.3%) exact matches, in which:
5825 unique CDR3
13 unique J



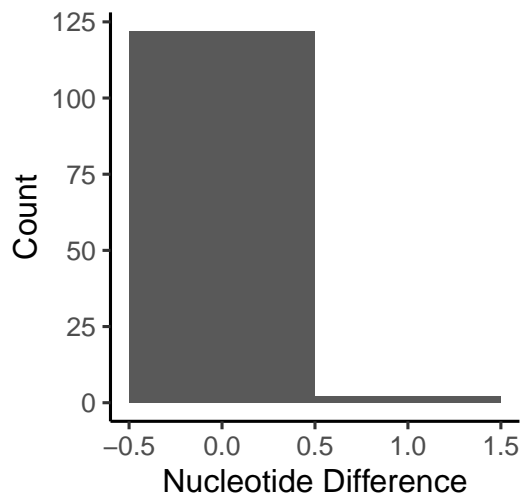
TRBV6-23*ap01

7043 sequences assigned
6944 (98.6%) exact matches, in which:
6663 unique CDR3
13 unique J



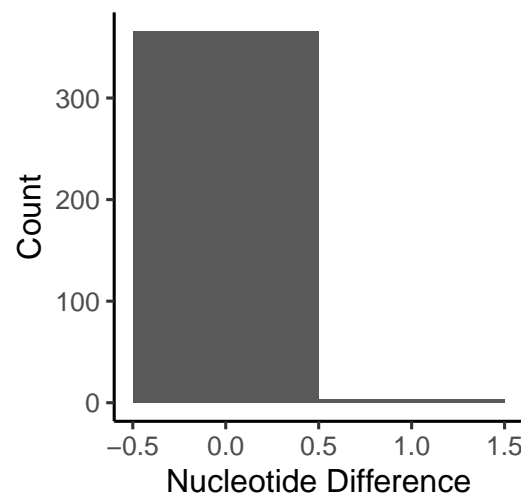
TRBV7-1*ap01_G291C_

124 sequences assigned
122 (98.4%) exact matches, in which:
121 unique CDR3
13 unique J



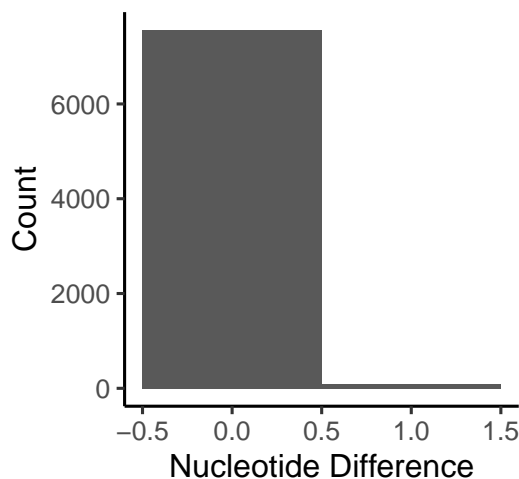
TRBV7-4*ap01

369 sequences assigned
366 (99.2%) exact matches, in which:
355 unique CDR3
13 unique J



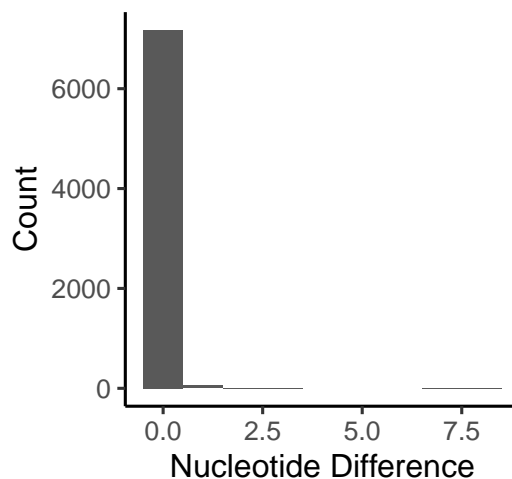
TRBV6-56*ap01

7655 sequences assigned
7559 (98.7%) exact matches, in which:
7274 unique CDR3
13 unique J



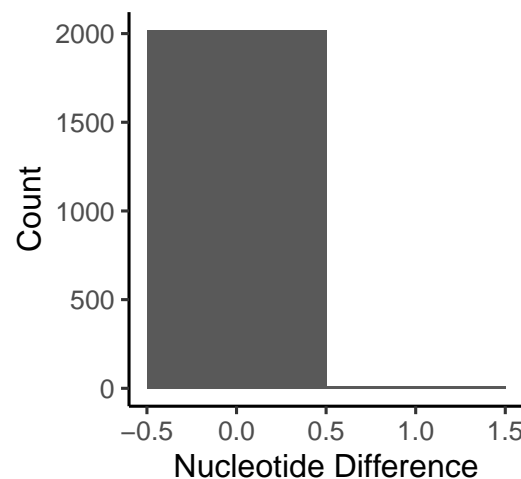
TRBV7-2*ap01

7232 sequences assigned
7174 (99.2%) exact matches, in which:
7041 unique CDR3
13 unique J



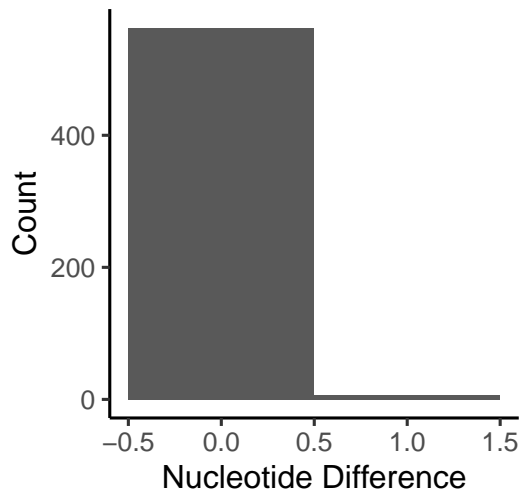
TRBV7-6*ap01

2034 sequences assigned
2020 (99.3%) exact matches, in which:
1971 unique CDR3
13 unique J



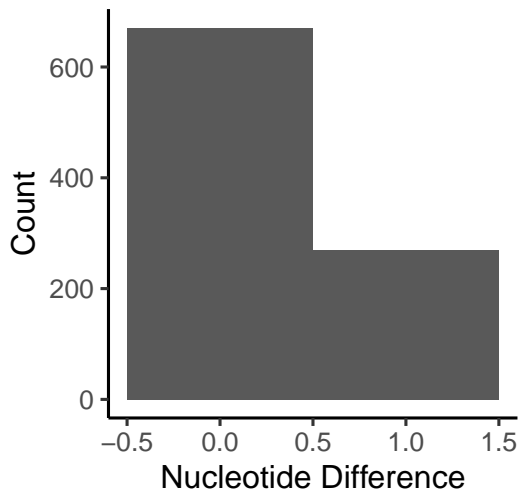
TRBV7-7*ap01

570 sequences assigned
563 (98.8%) exact matches, in which:
551 unique CDR3
13 unique J



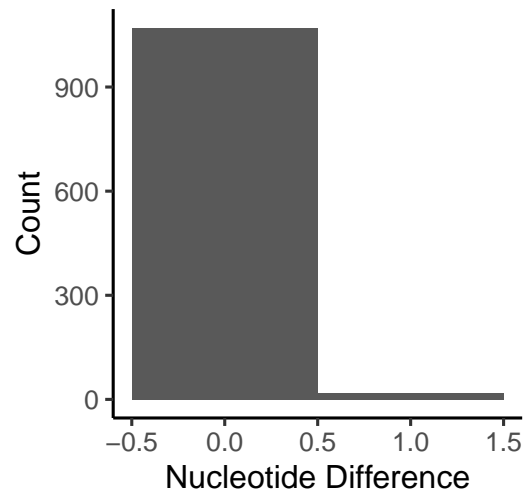
TRBV7-8*ap03

941 sequences assigned
671 (71.3%) exact matches, in which:
660 unique CDR3
13 unique J



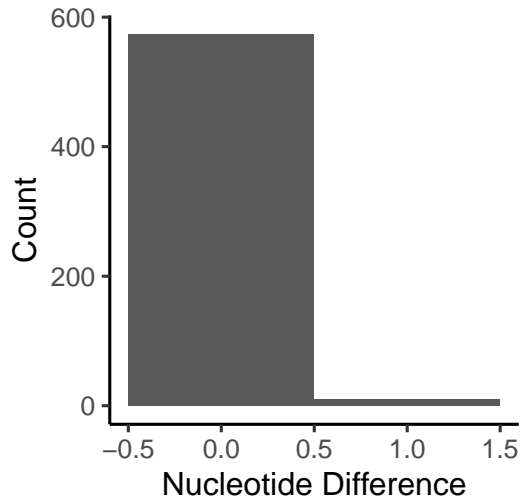
TRBV29-1*ap02

1090 sequences assigned
1071 (98.3%) exact matches, in which:
1044 unique CDR3
13 unique J



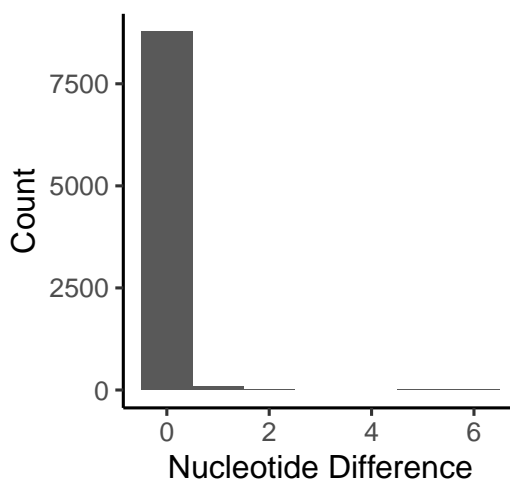
TRBV7-7*ap01_C315T

584 sequences assigned
574 (98.3%) exact matches, in which:
560 unique CDR3
13 unique J



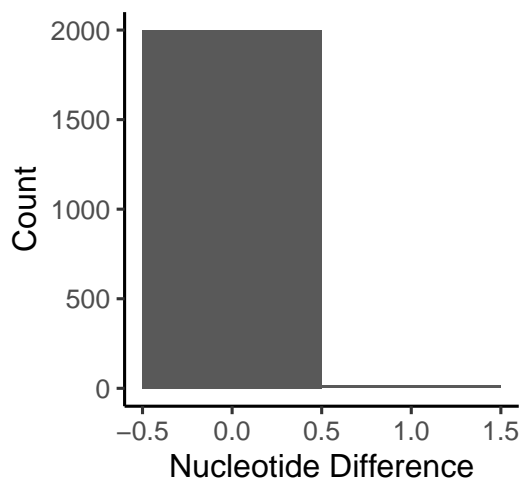
TRBV7-9*ap01

8863 sequences assigned
8775 (99%) exact matches, in which:
8575 unique CDR3
13 unique J



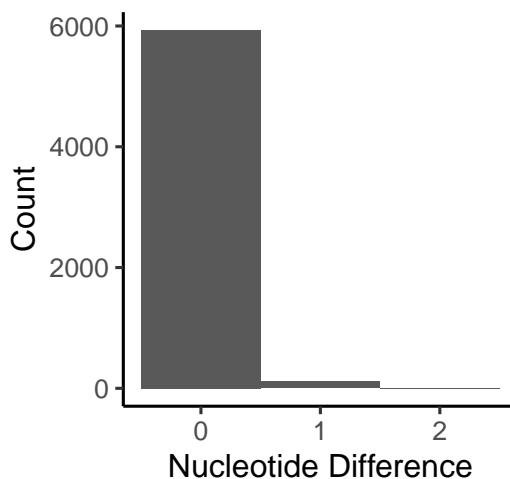
TRBV7-8*ap01

2015 sequences assigned
2000 (99.3%) exact matches, in which:
1945 unique CDR3
13 unique J

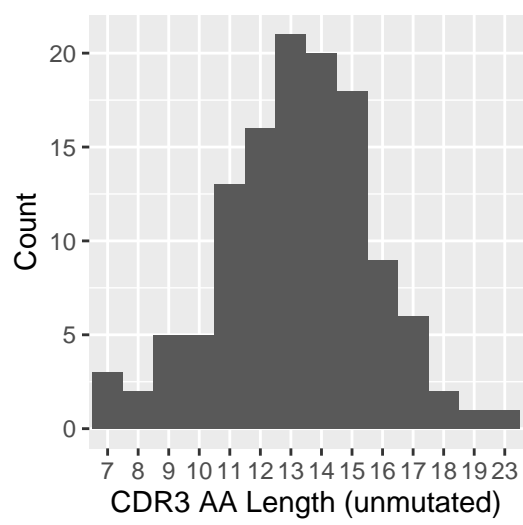


TRBV29-1*ap01

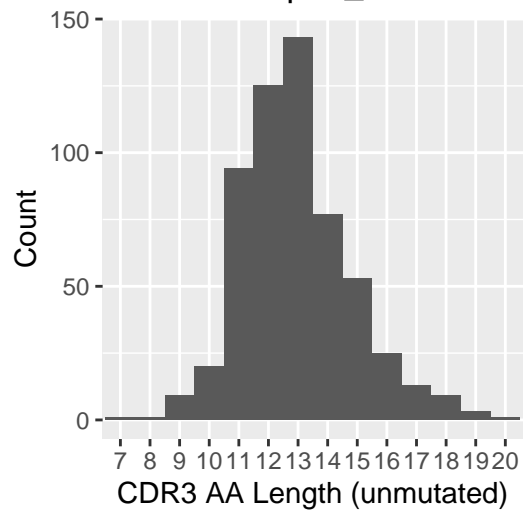
6048 sequences assigned
5933 (98.1%) exact matches, in which:
5769 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.