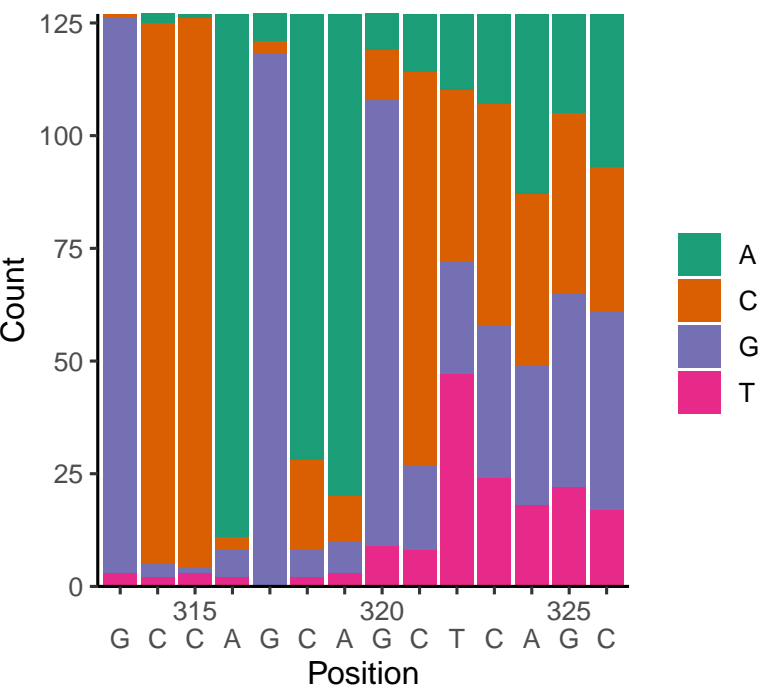
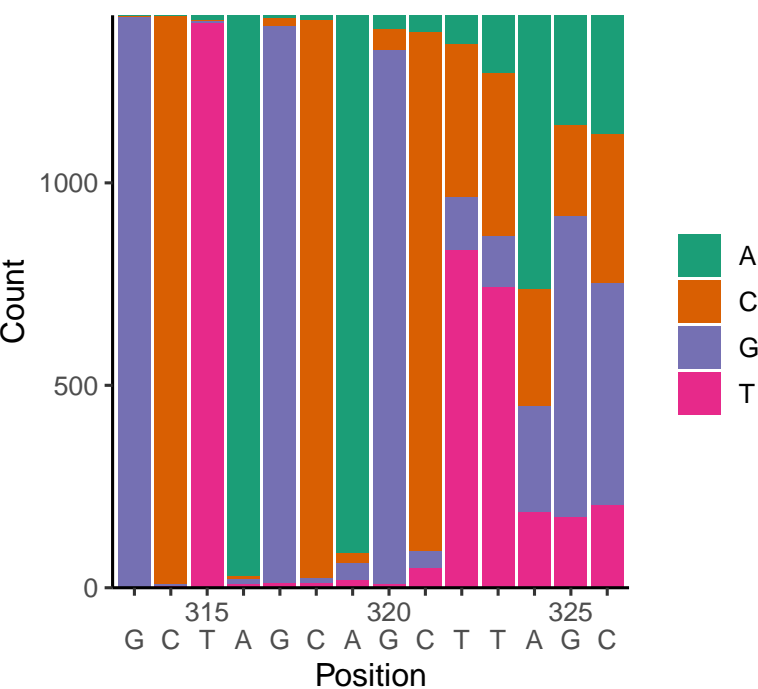


Gene TRBV7-1*ap01_T296C



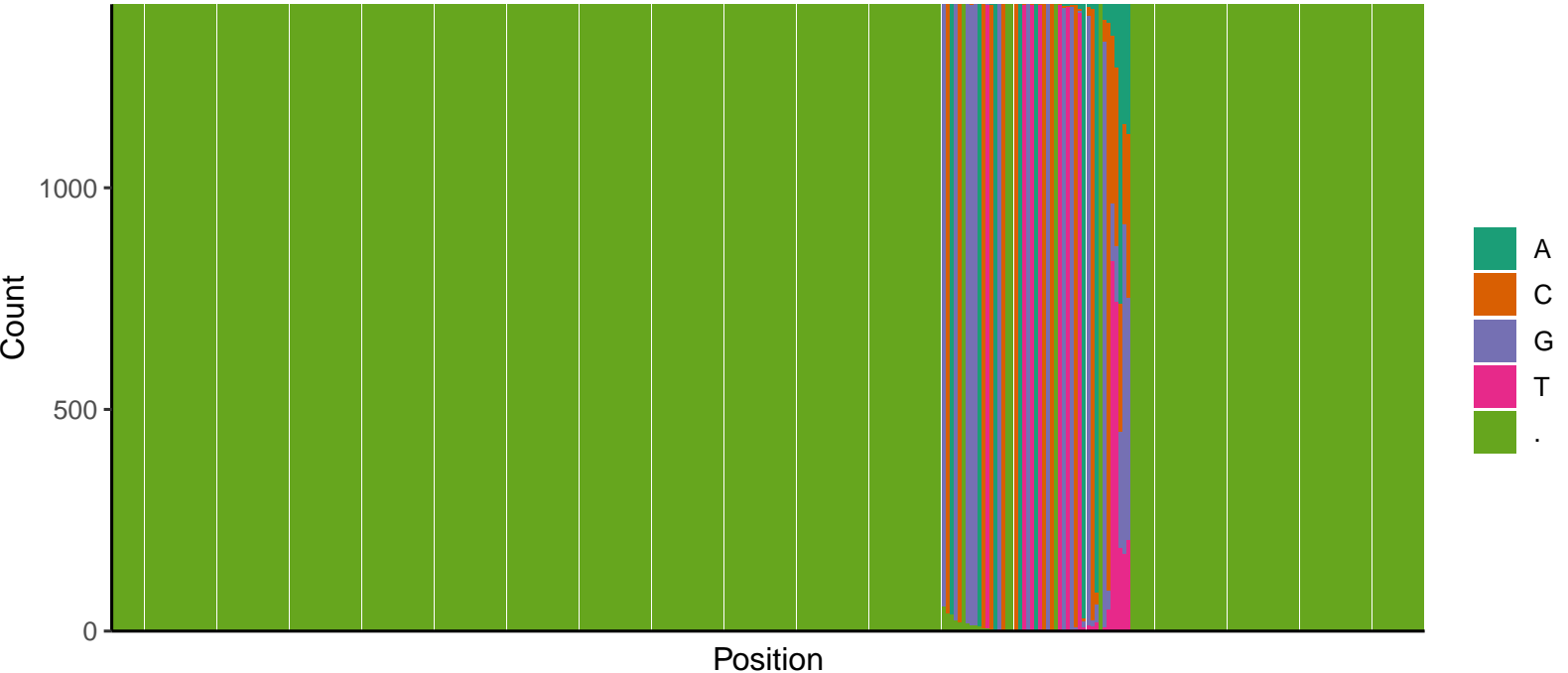
Gene TRBV7-7*ap01_C315T



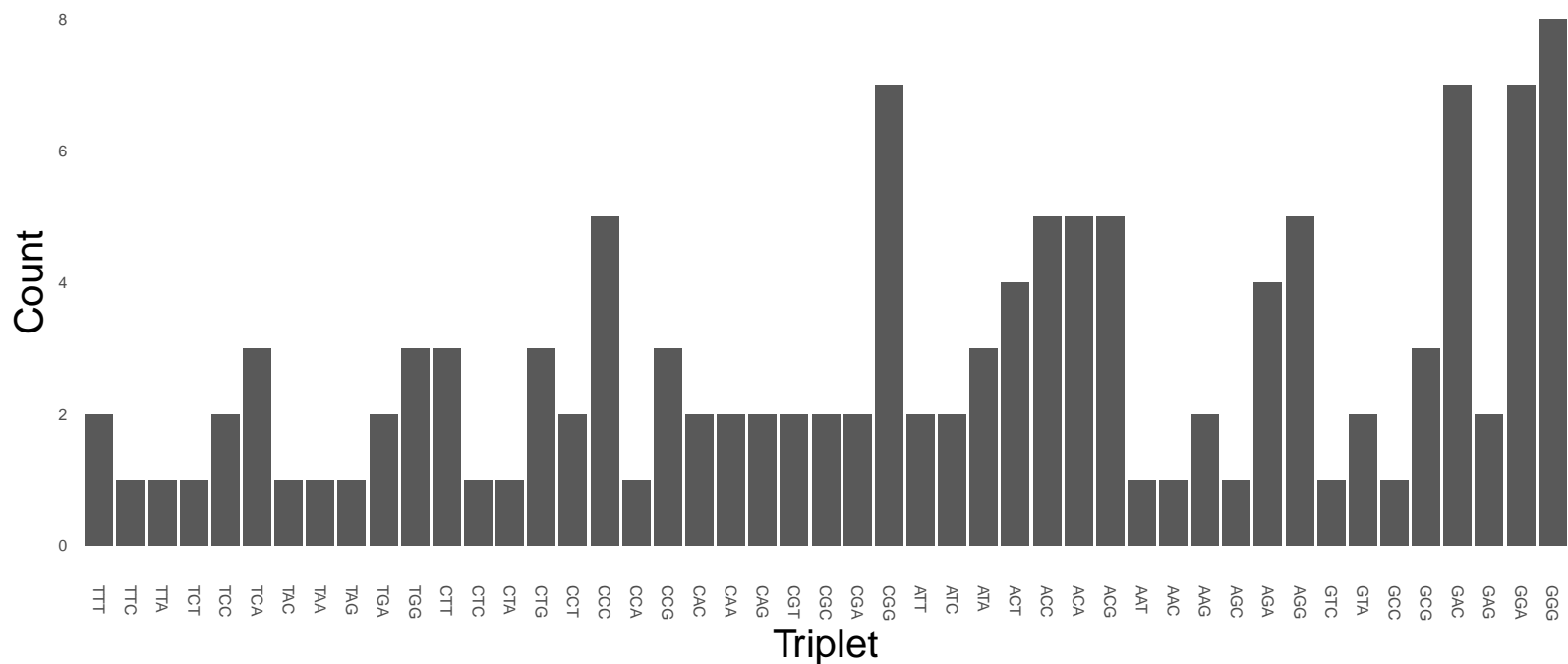
Gene TRBV7-1*ap01_T296C



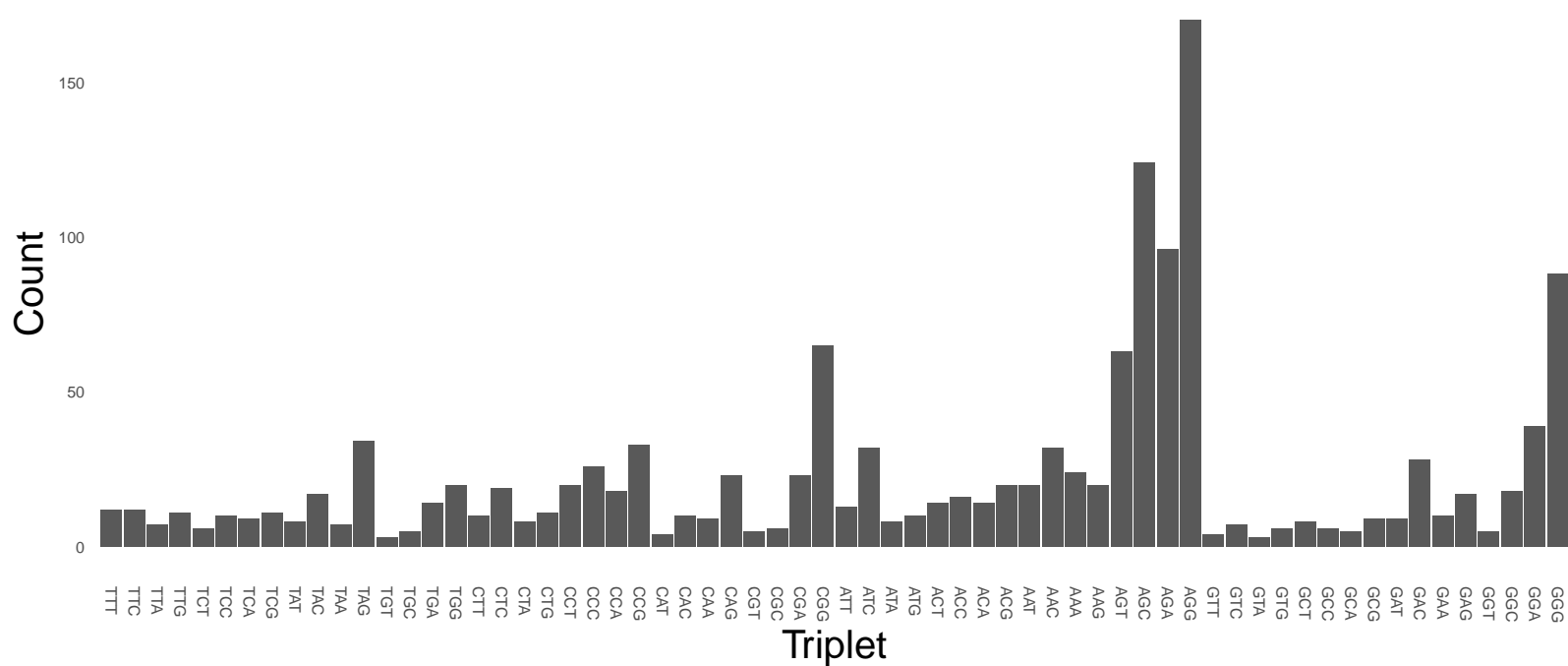
Gene TRBV7-7*ap01_C315T



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

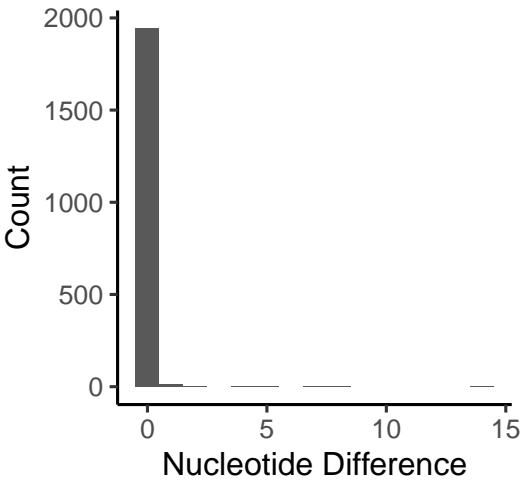


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



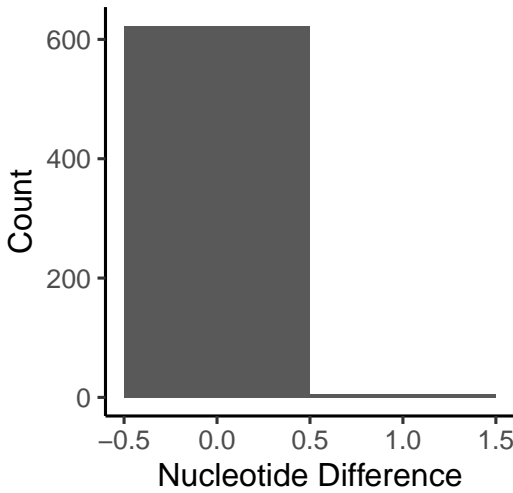
TRBV10-1*ap01

1966 sequences assigned
1943 (98.8%) exact matches, in which:
1927 unique CDR3
13 unique J



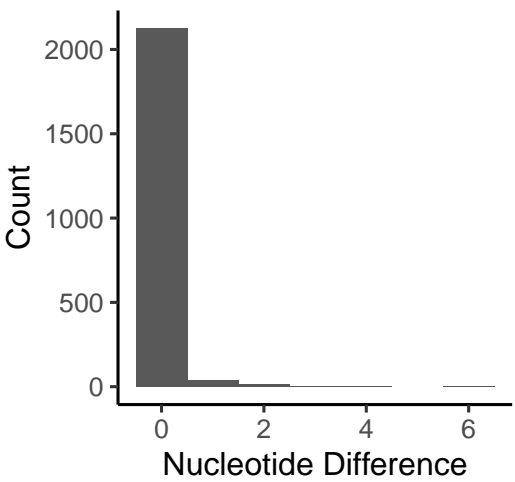
TRBV10-2*ap01

629 sequences assigned
623 (99%) exact matches, in which:
619 unique CDR3
13 unique J



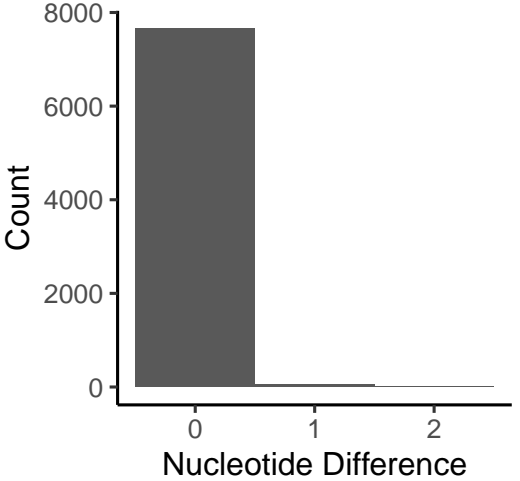
TRBV13*ap01

2183 sequences assigned
2125 (97.3%) exact matches, in which:
2099 unique CDR3
13 unique J



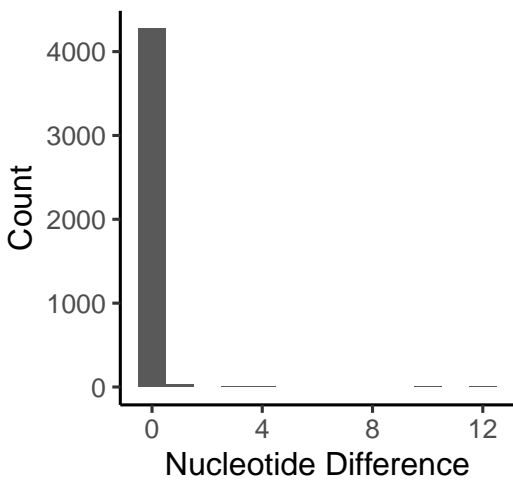
TRBV20-1*ap01

7716 sequences assigned
7653 (99.2%) exact matches, in which:
7591 unique CDR3
13 unique J



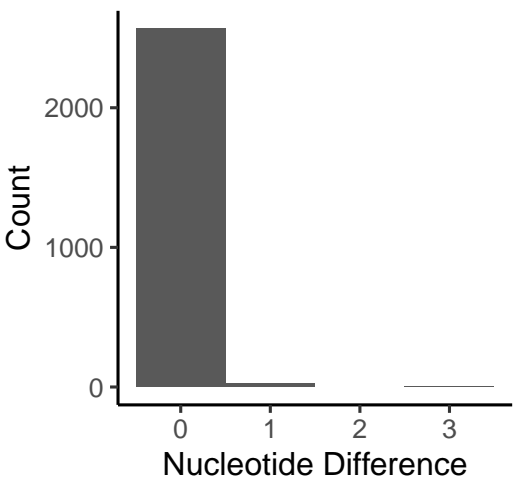
TRBV10-3*ap01

4309 sequences assigned
4273 (99.2%) exact matches, in which:
4238 unique CDR3
13 unique J



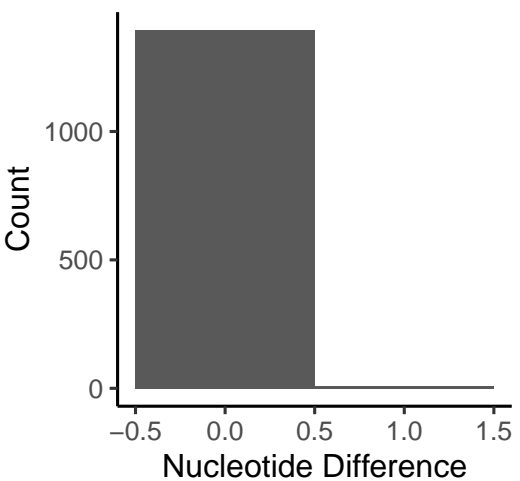
TRBV14*ap01

2591 sequences assigned
2566 (99%) exact matches, in which:
2556 unique CDR3
13 unique J



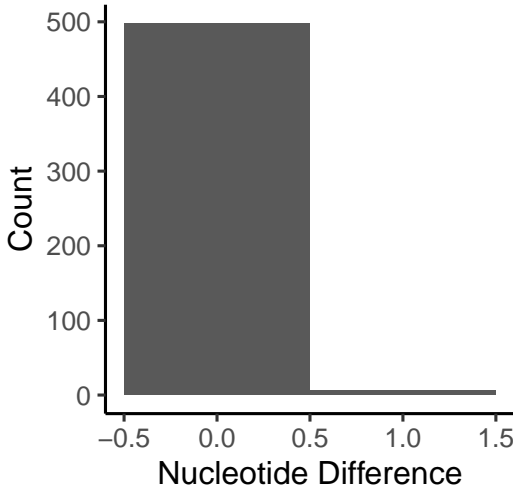
TRBV20-1*ap02

1405 sequences assigned
1395 (99.3%) exact matches, in which:
1383 unique CDR3
13 unique J



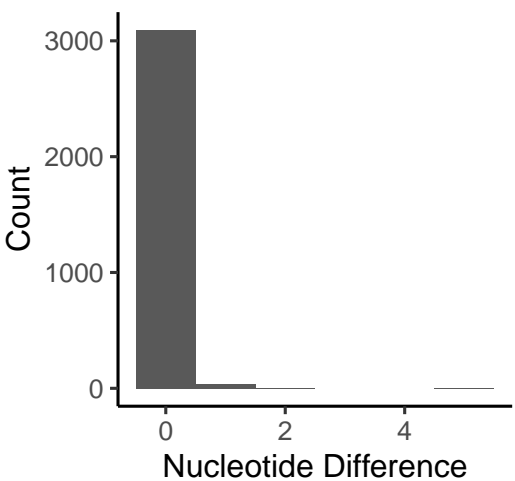
TRBV1*ap01

504 sequences assigned
498 (98.8%) exact matches, in which:
488 unique CDR3
13 unique J



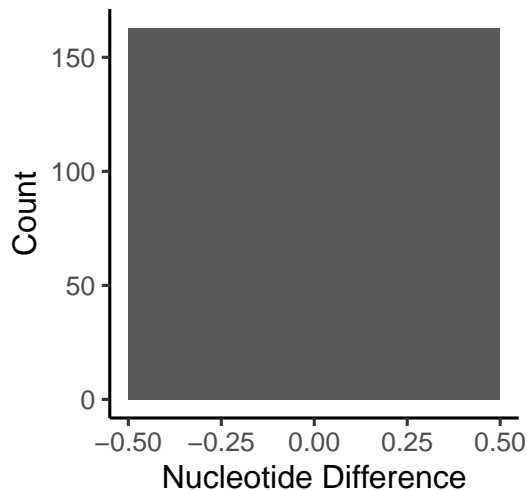
TRBV15*ap02

3135 sequences assigned
3093 (98.7%) exact matches, in which:
3052 unique CDR3
13 unique J



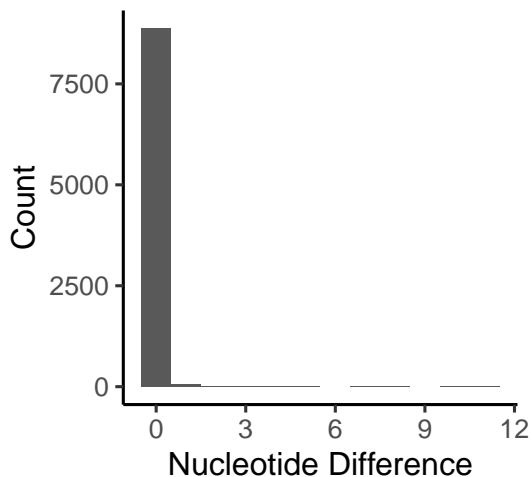
TRBV16*ap01

163 sequences assigned
163 (100%) exact matches, in which:
162 unique CDR3
13 unique J



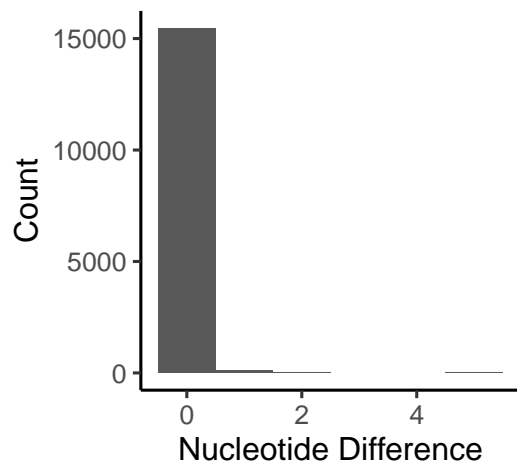
TRBV19*ap01

8953 sequences assigned
8874 (99.1%) exact matches, in which:
8837 unique CDR3
13 unique J



TRBV28*ap01

15593 sequences assigned
15467 (99.2%) exact matches, in which:
15375 unique CDR3
13 unique J



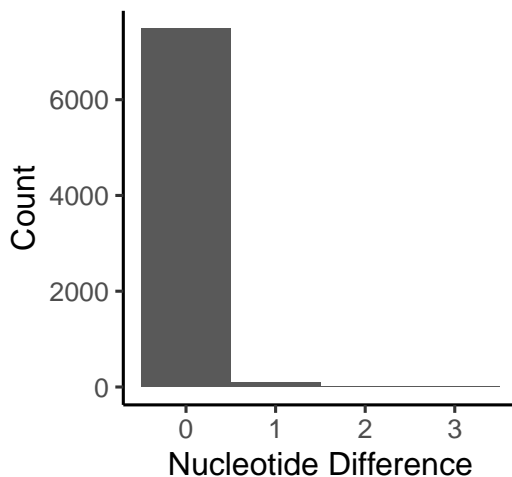
TRBV17*ap01

1 sequences assigned
No exact matches.



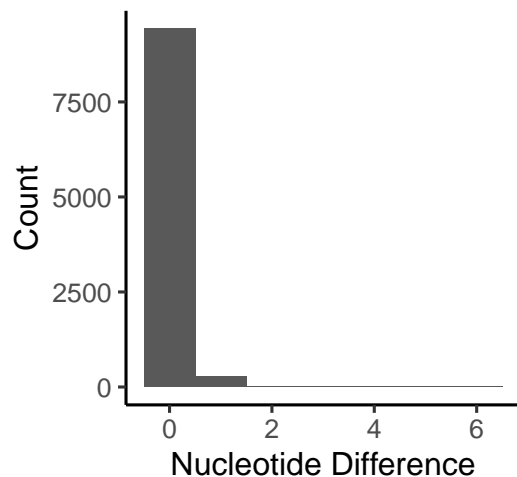
TRBV2*ap01

7584 sequences assigned
7482 (98.7%) exact matches, in which:
7411 unique CDR3
13 unique J



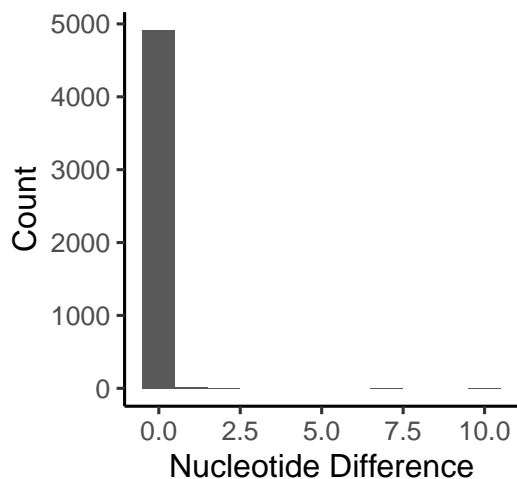
TRBV30*ap01

9728 sequences assigned
9426 (96.9%) exact matches, in which:
9215 unique CDR3
13 unique J



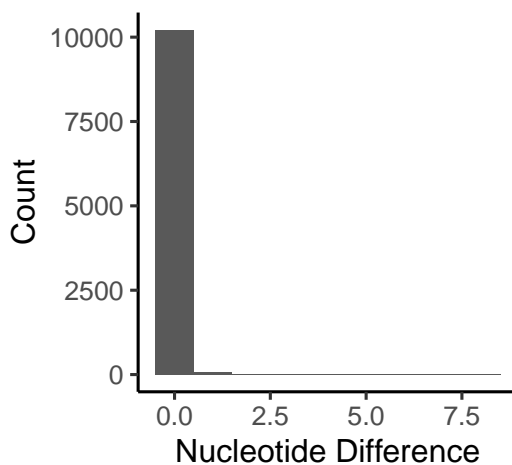
TRBV18*ap01

4937 sequences assigned
4916 (99.6%) exact matches, in which:
4900 unique CDR3
13 unique J



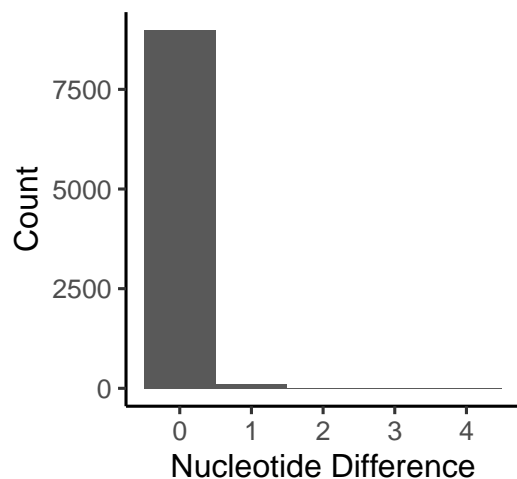
TRBV27*ap01

10323 sequences assigned
10218 (99%) exact matches, in which:
10116 unique CDR3
13 unique J



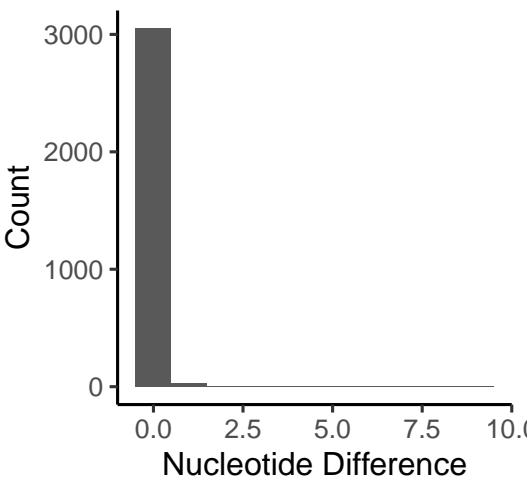
TRBV9*ap01

9105 sequences assigned
8988 (98.7%) exact matches, in which:
8934 unique CDR3
13 unique J



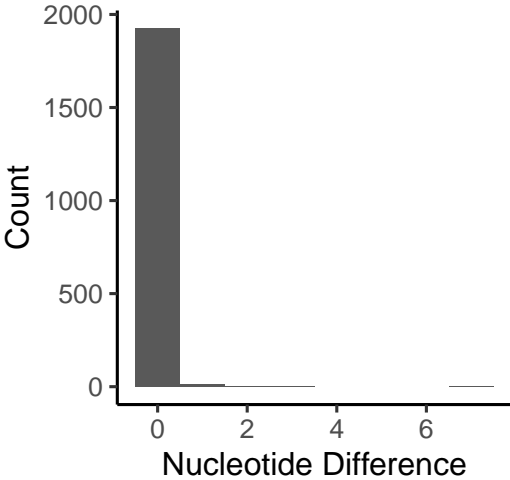
TRBV21-1*ap01

3101 sequences assigned
3051 (98.4%) exact matches, in which:
3042 unique CDR3
13 unique J



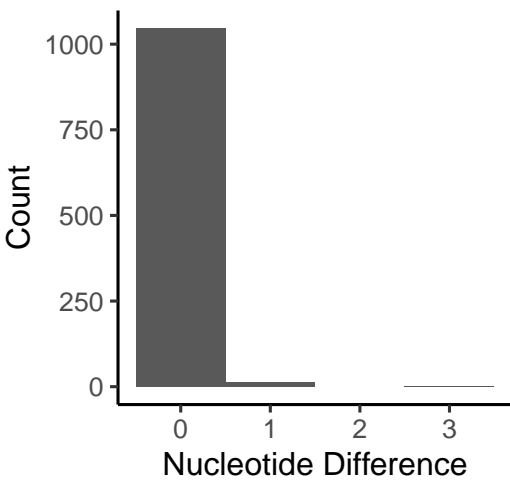
TRBV11-3*ap01

1943 sequences assigned
1925 (99.1%) exact matches, in which:
1917 unique CDR3
13 unique J



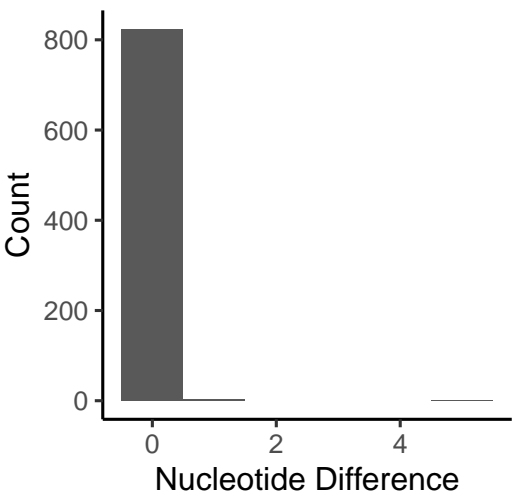
TRBV12-5*ap01

1060 sequences assigned
1046 (98.7%) exact matches, in which:
1041 unique CDR3
13 unique J



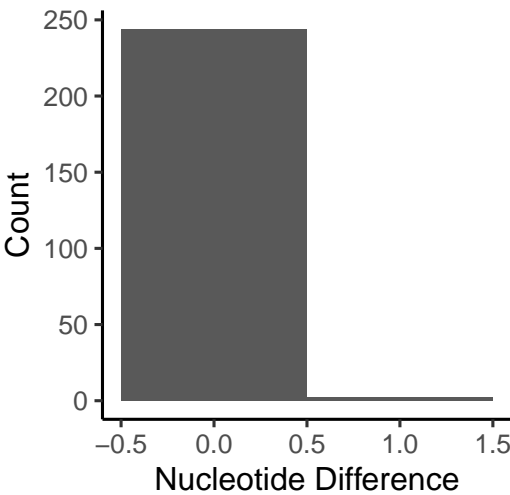
TRBV11-1*ap01

828 sequences assigned
824 (99.5%) exact matches, in which:
820 unique CDR3
13 unique J



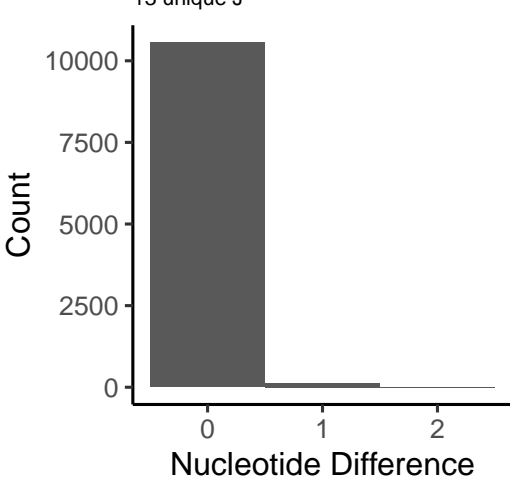
TRBV12-1*ap01

246 sequences assigned
244 (99.2%) exact matches, in which:
243 unique CDR3
13 unique J



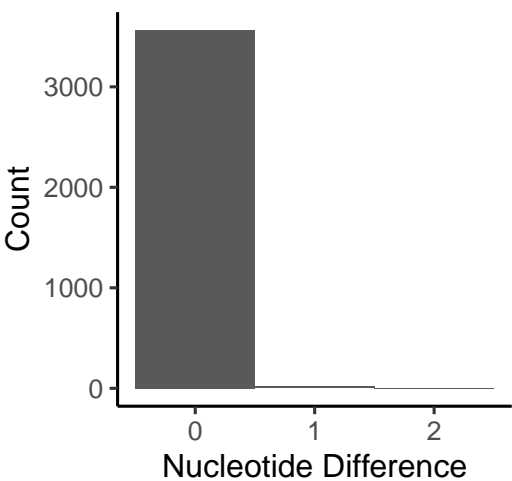
TRBV12-34*ap01

10703 sequences assigned
10561 (98.7%) exact matches, in which:
10433 unique CDR3
13 unique J



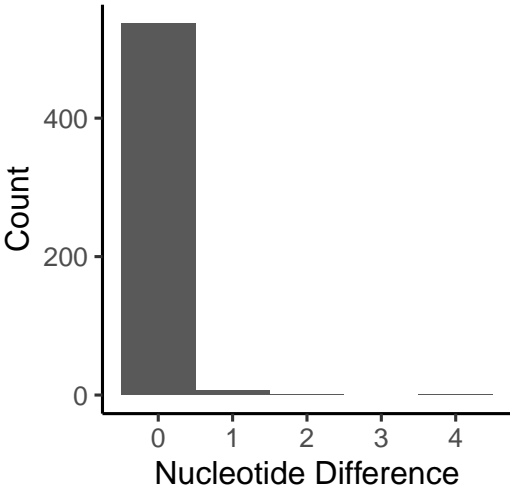
TRBV11-2*ap01

3585 sequences assigned
3565 (99.4%) exact matches, in which:
3544 unique CDR3
13 unique J



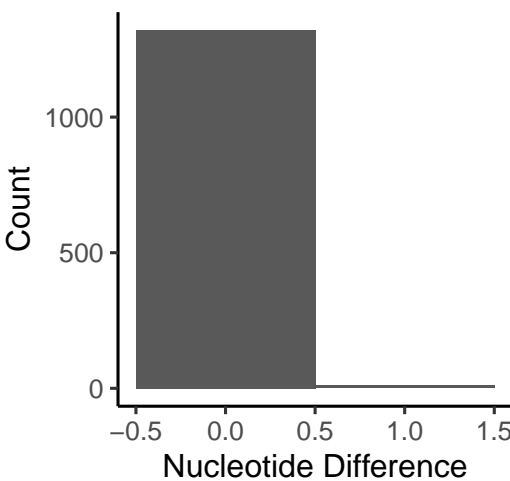
TRBV12-2*ap01

545 sequences assigned
537 (98.5%) exact matches, in which:
535 unique CDR3
13 unique J



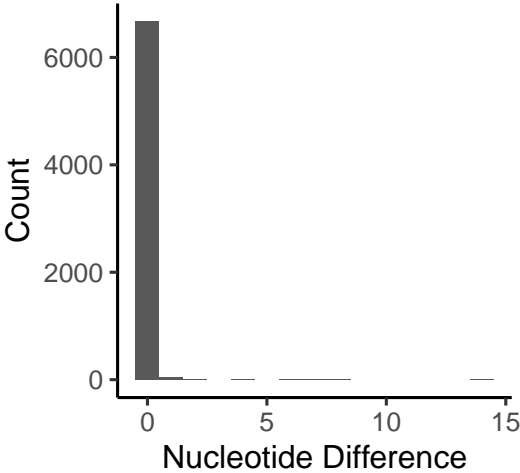
TRBV23-1*ap01

1331 sequences assigned
1321 (99.2%) exact matches, in which:
1318 unique CDR3
13 unique J



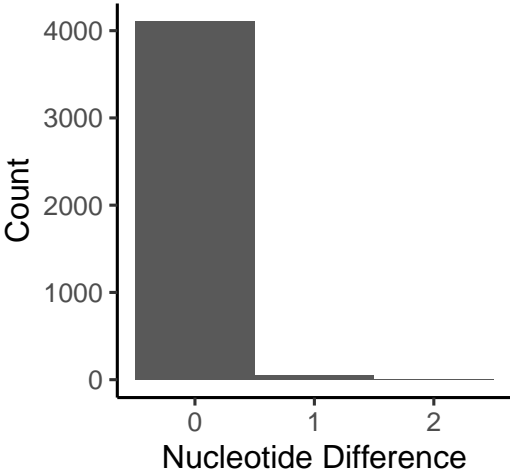
TRBV3-12*ap01

6736 sequences assigned
6671 (99%) exact matches, in which:
6638 unique CDR3
13 unique J



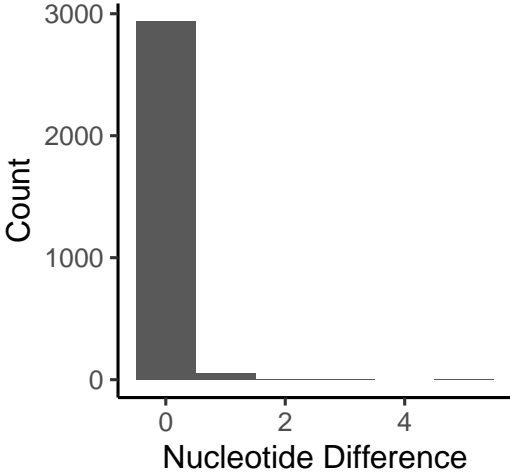
TRBV4-2*ap01

4164 sequences assigned
4106 (98.6%) exact matches, in which:
4066 unique CDR3
14 unique J



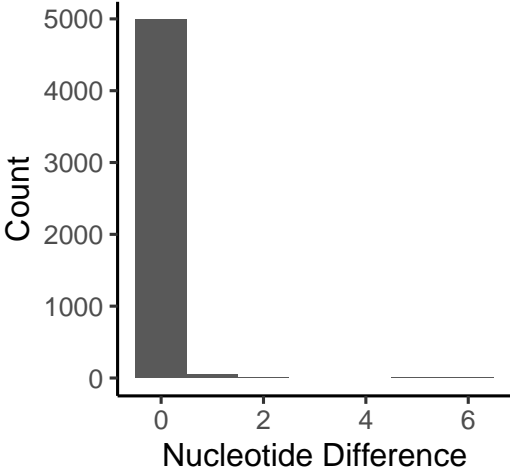
TRBV25-1*ap01

2993 sequences assigned
2937 (98.1%) exact matches, in which:
2887 unique CDR3
13 unique J



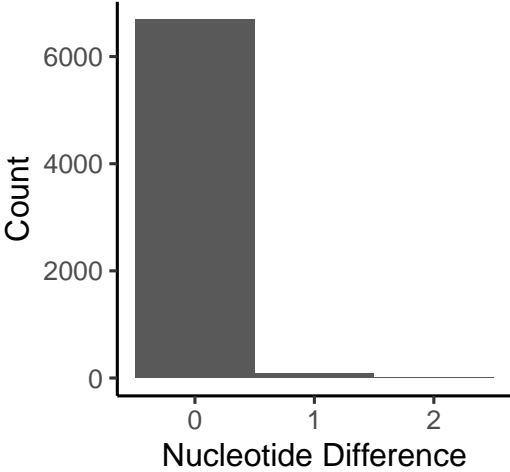
TRBV4-1*ap01

5046 sequences assigned
4988 (98.9%) exact matches, in which:
4947 unique CDR3
13 unique J



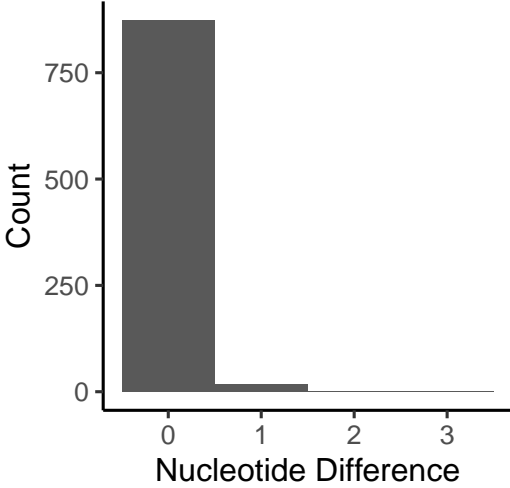
TRBV4-3*ap01

6771 sequences assigned
6688 (98.8%) exact matches, in which:
6633 unique CDR3
13 unique J



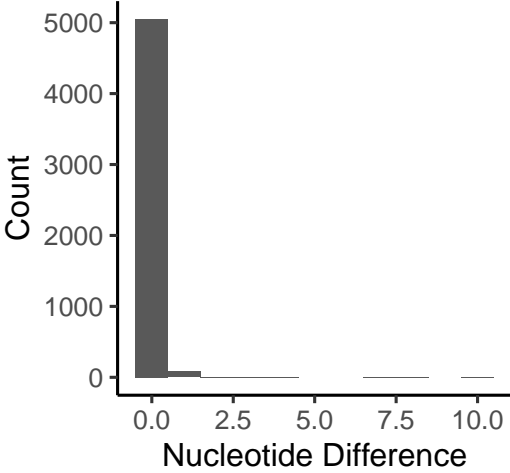
TRBV5-3*ap01

894 sequences assigned
874 (97.8%) exact matches, in which:
866 unique CDR3
13 unique J



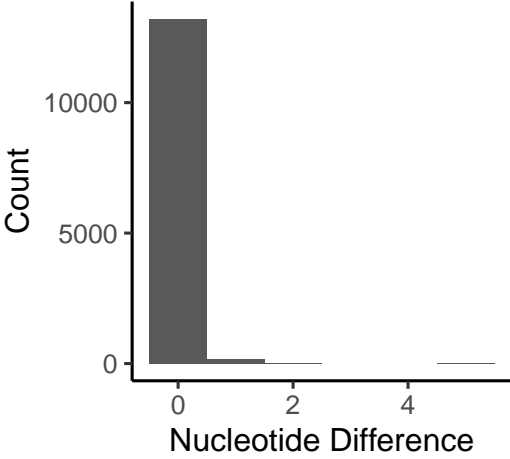
TRBV24-1*ap01

5143 sequences assigned
5051 (98.2%) exact matches, in which:
4982 unique CDR3
13 unique J



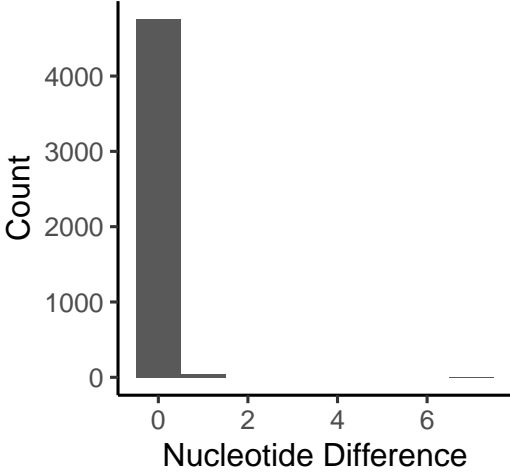
TRBV5-1*ap01

13410 sequences assigned
13213 (98.5%) exact matches, in which:
13076 unique CDR3
13 unique J



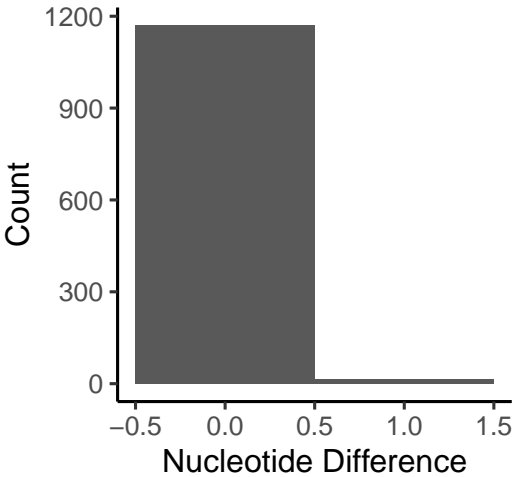
TRBV5-4*ap01

4803 sequences assigned
4757 (99%) exact matches, in which:
4715 unique CDR3
13 unique J



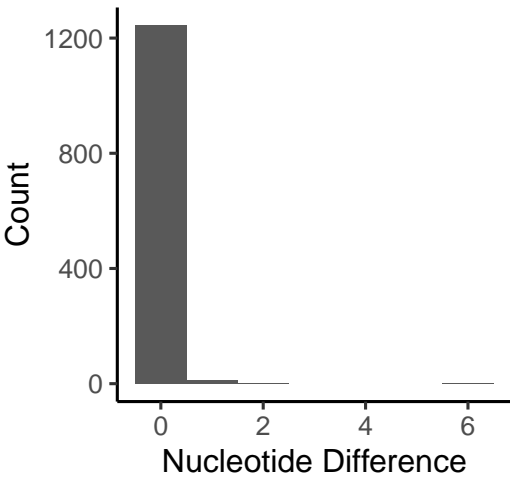
TRBV5-5*ap01

1185 sequences assigned
1170 (98.7%) exact matches, in which:
1164 unique CDR3
13 unique J



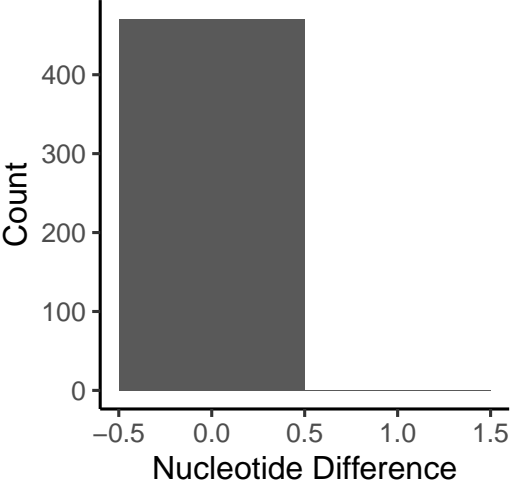
TRBV5-8*ap01

1262 sequences assigned
1244 (98.6%) exact matches, in which:
1233 unique CDR3
13 unique J



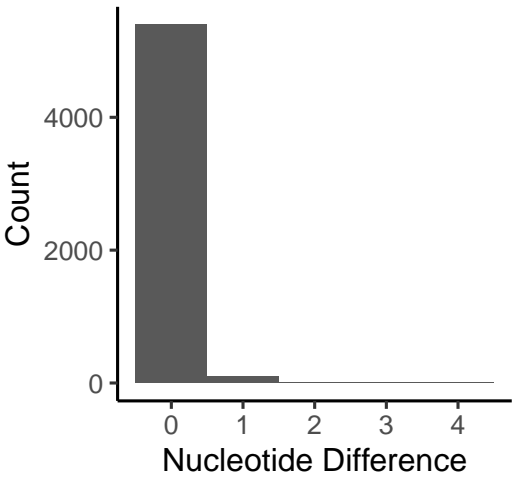
TRBV6-7*ap01

472 sequences assigned
471 (99.8%) exact matches, in which:
465 unique CDR3
13 unique J



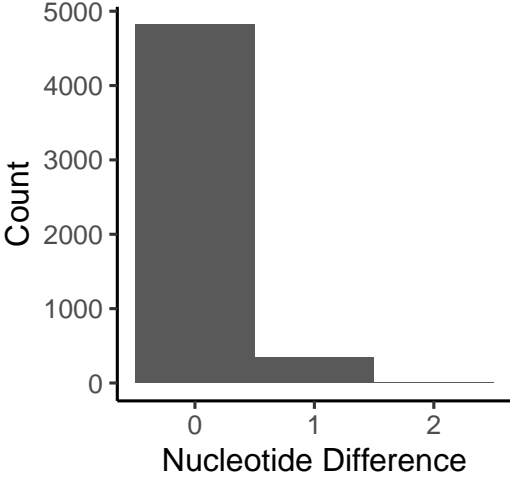
TRBV5-6*ap01

5501 sequences assigned
5394 (98.1%) exact matches, in which:
5290 unique CDR3
13 unique J



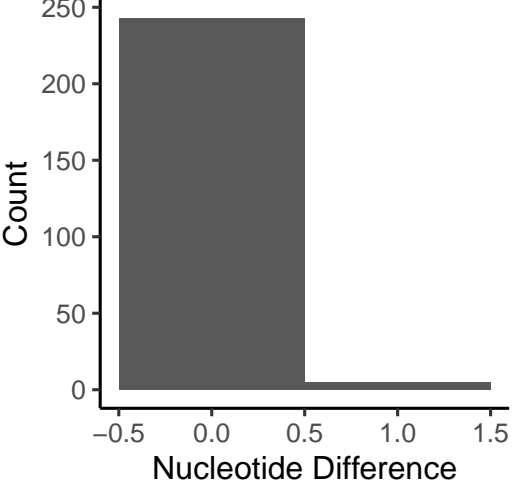
TRBV6-1*ap01

5172 sequences assigned
4818 (93.2%) exact matches, in which:
4745 unique CDR3
13 unique J



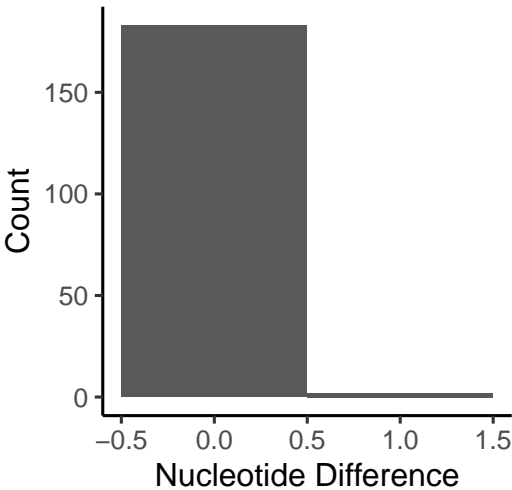
TRBV6-8*ap01

248 sequences assigned
243 (98%) exact matches, in which:
237 unique CDR3
13 unique J



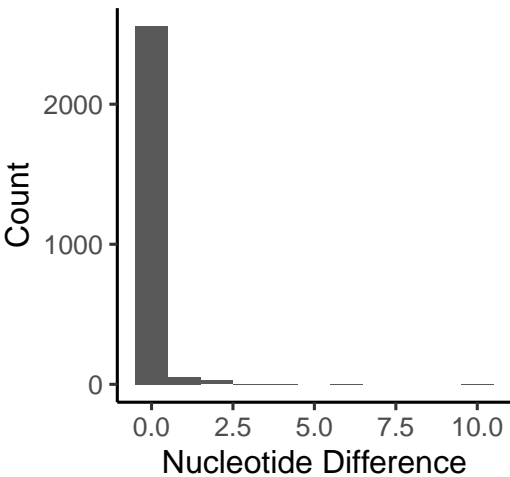
TRBV5-7*ap01

185 sequences assigned
183 (98.9%) exact matches, in which:
179 unique CDR3
13 unique J



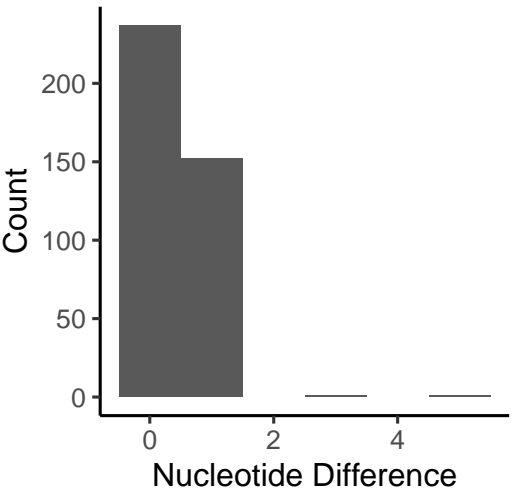
TRBV6-4*ap01

2640 sequences assigned
2558 (96.9%) exact matches, in which:
2527 unique CDR3
13 unique J



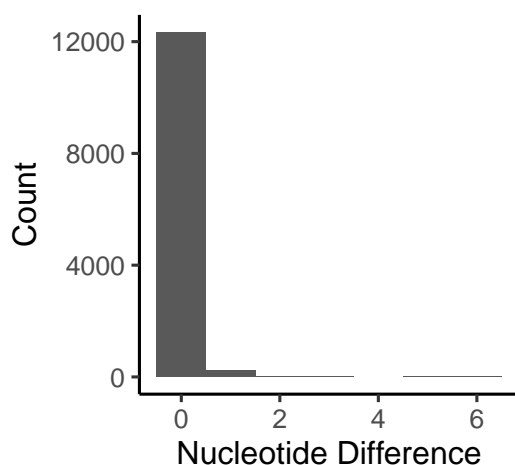
TRBV6-9*ap01

391 sequences assigned
237 (60.6%) exact matches, in which:
232 unique CDR3
13 unique J



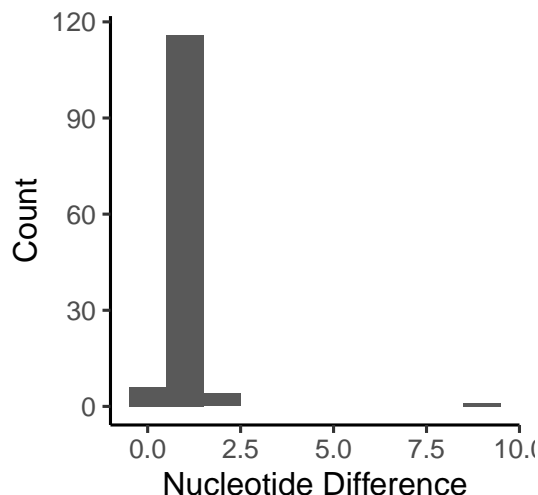
TRBV6-23*ap01

12584 sequences assigned
12340 (98.1%) exact matches, in which:
12128 unique CDR3
13 unique J



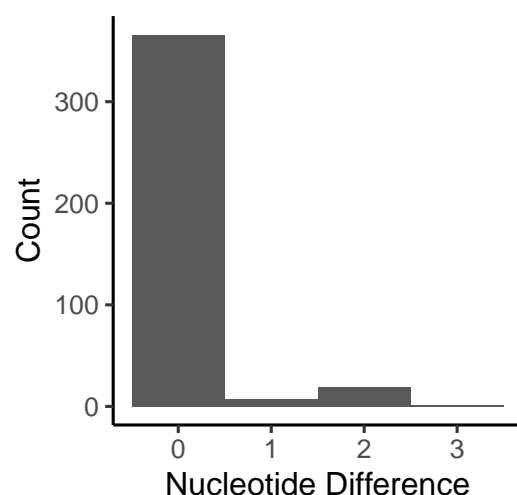
TRBV7-1*ap01_T296C

127 sequences assigned
6 (4.7%) exact matches, in which:
6 unique CDR3
3 unique J



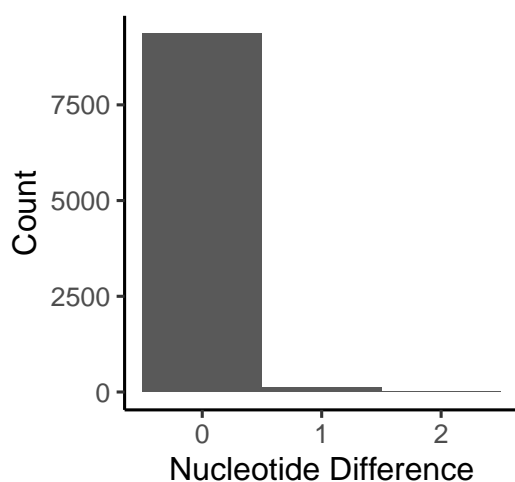
TRBV7-4*ap01

393 sequences assigned
366 (93.1%) exact matches, in which:
361 unique CDR3
13 unique J



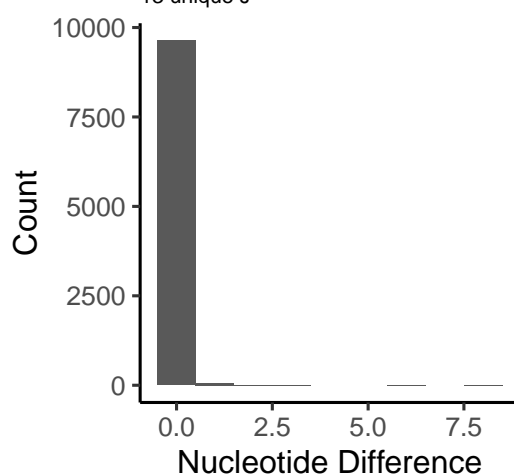
TRBV6-56*ap01

9485 sequences assigned
9358 (98.7%) exact matches, in which:
9198 unique CDR3
13 unique J



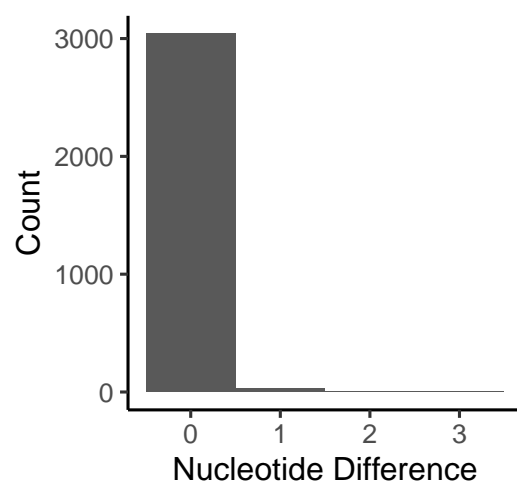
TRBV7-2*ap01

9700 sequences assigned
9638 (99.4%) exact matches, in which:
9586 unique CDR3
13 unique J



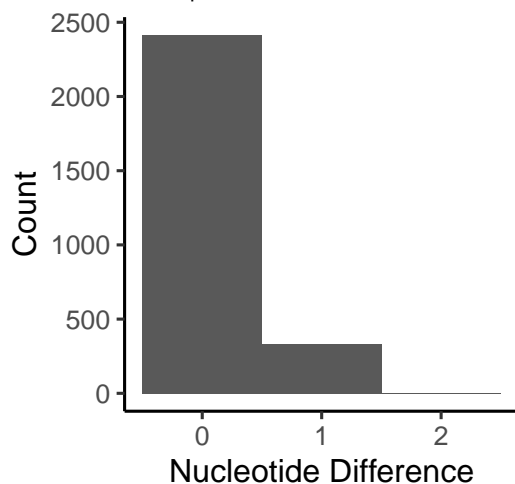
TRBV7-6*ap01

3076 sequences assigned
3041 (98.9%) exact matches, in which:
3020 unique CDR3
13 unique J



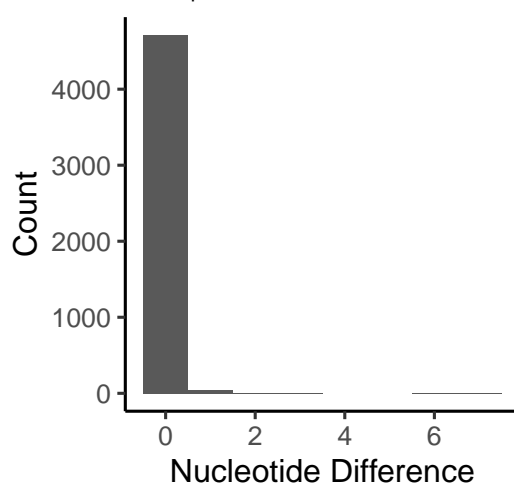
TRBV6-56*ap02

2750 sequences assigned
2414 (87.8%) exact matches, in which:
2377 unique CDR3
13 unique J



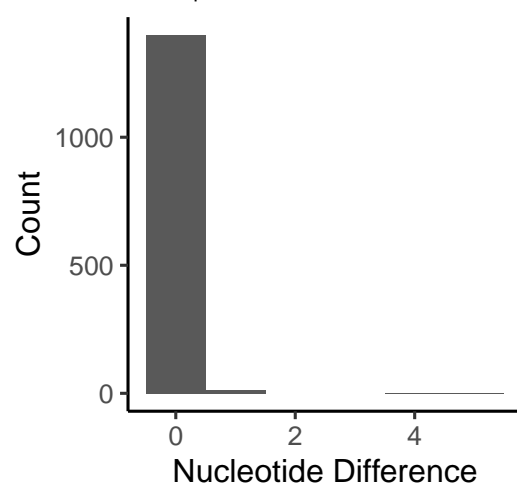
TRBV7-3*ap01

4761 sequences assigned
4712 (99%) exact matches, in which:
4693 unique CDR3
13 unique J



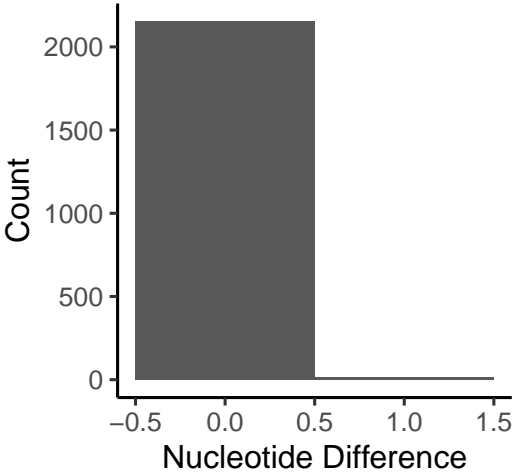
TRBV7-7*ap01_C315T

1414 sequences assigned
1399 (98.9%) exact matches, in which:
1388 unique CDR3
13 unique J



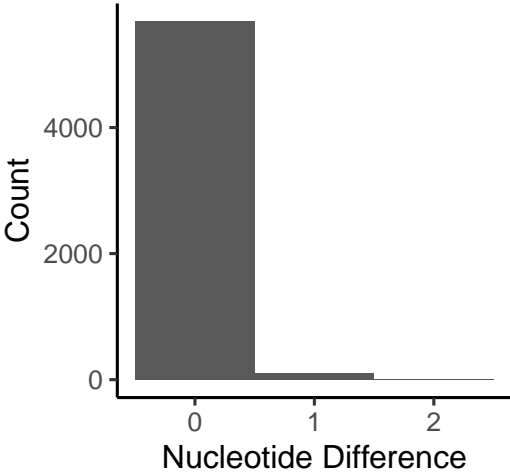
TRBV7-8*ap01

2169 sequences assigned
2153 (99.3%) exact matches, in which:
2137 unique CDR3
13 unique J



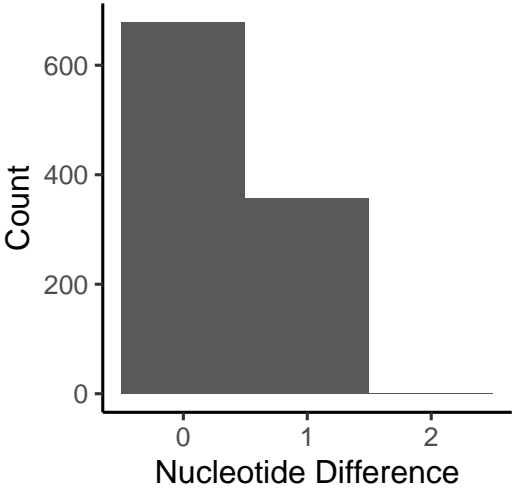
TRBV29-1*ap01

5793 sequences assigned
5684 (98.1%) exact matches, in which:
5532 unique CDR3
13 unique J



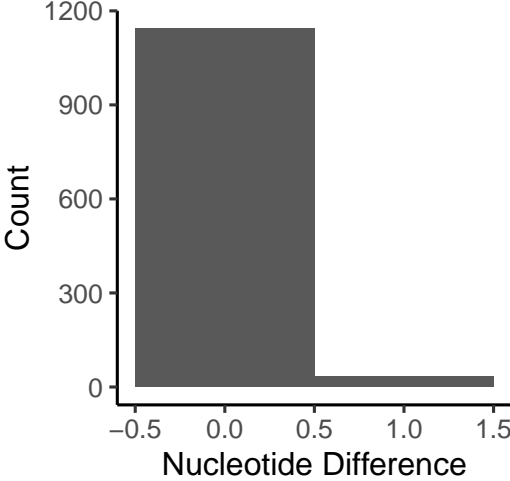
TRBV7-8*ap03

1037 sequences assigned
679 (65.5%) exact matches, in which:
671 unique CDR3
13 unique J



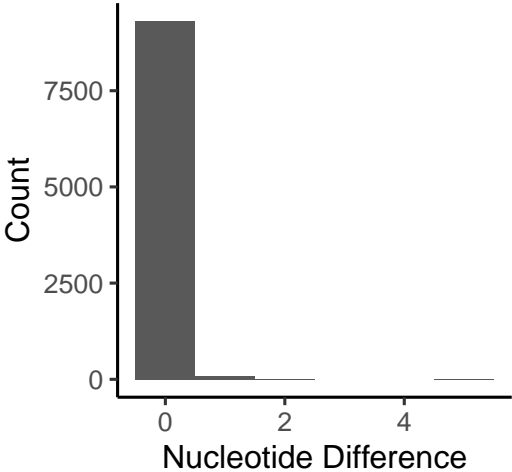
TRBV29-1*ap02

1175 sequences assigned
1143 (97.3%) exact matches, in which:
1115 unique CDR3
13 unique J

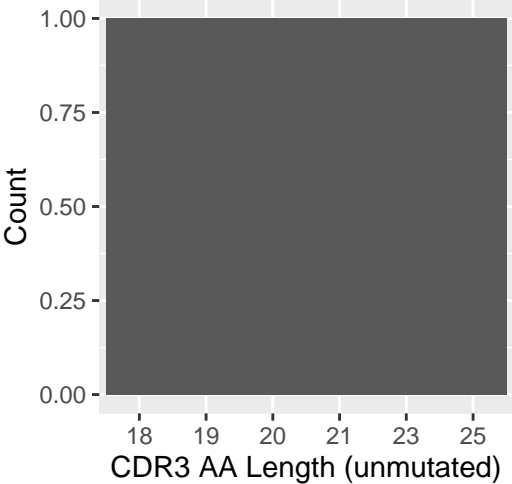


TRBV7-9*ap01

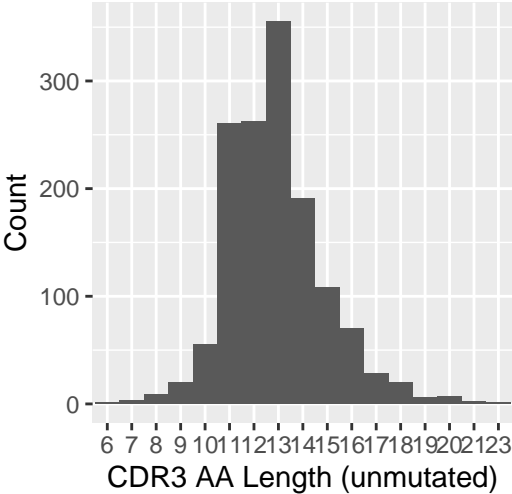
9394 sequences assigned
9310 (99.1%) exact matches, in which:
9245 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.