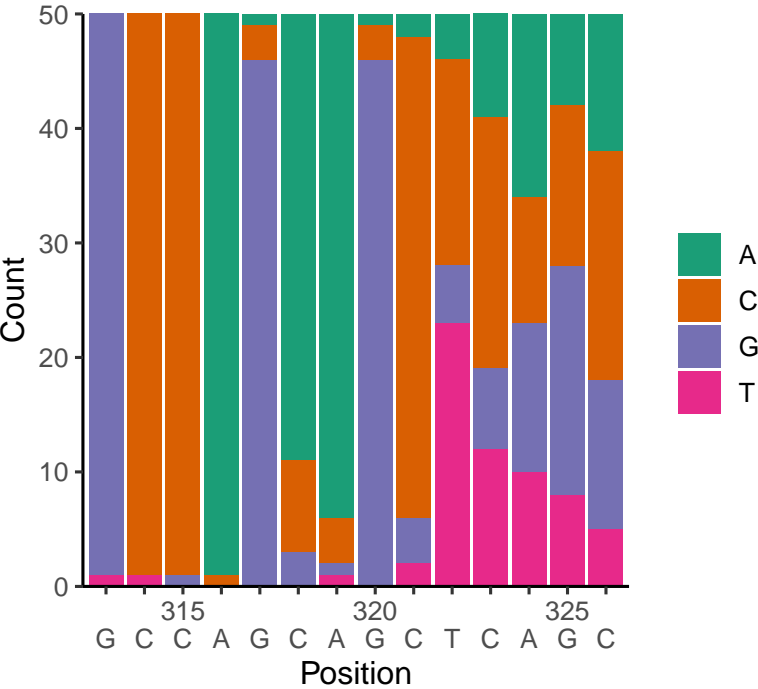
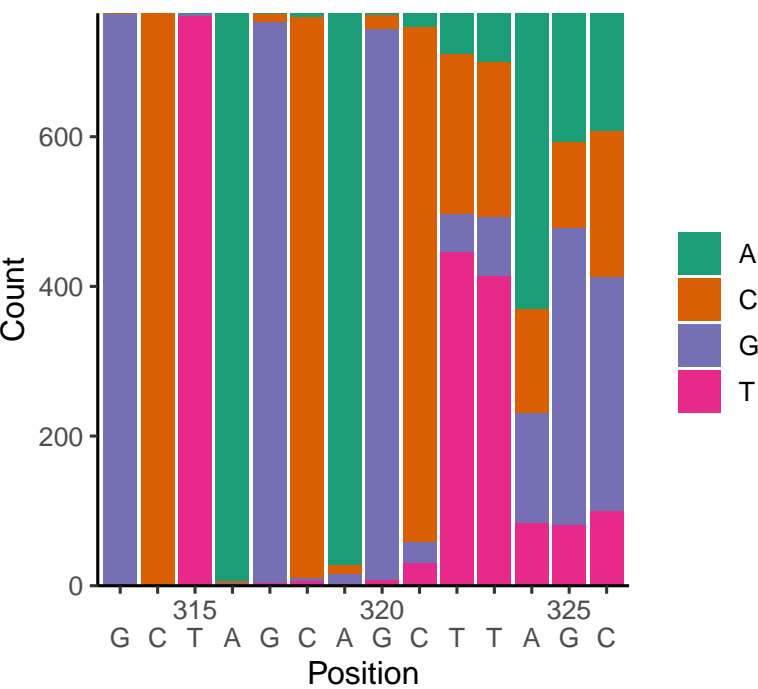


Gene TRBV7-1*ap01_T296C



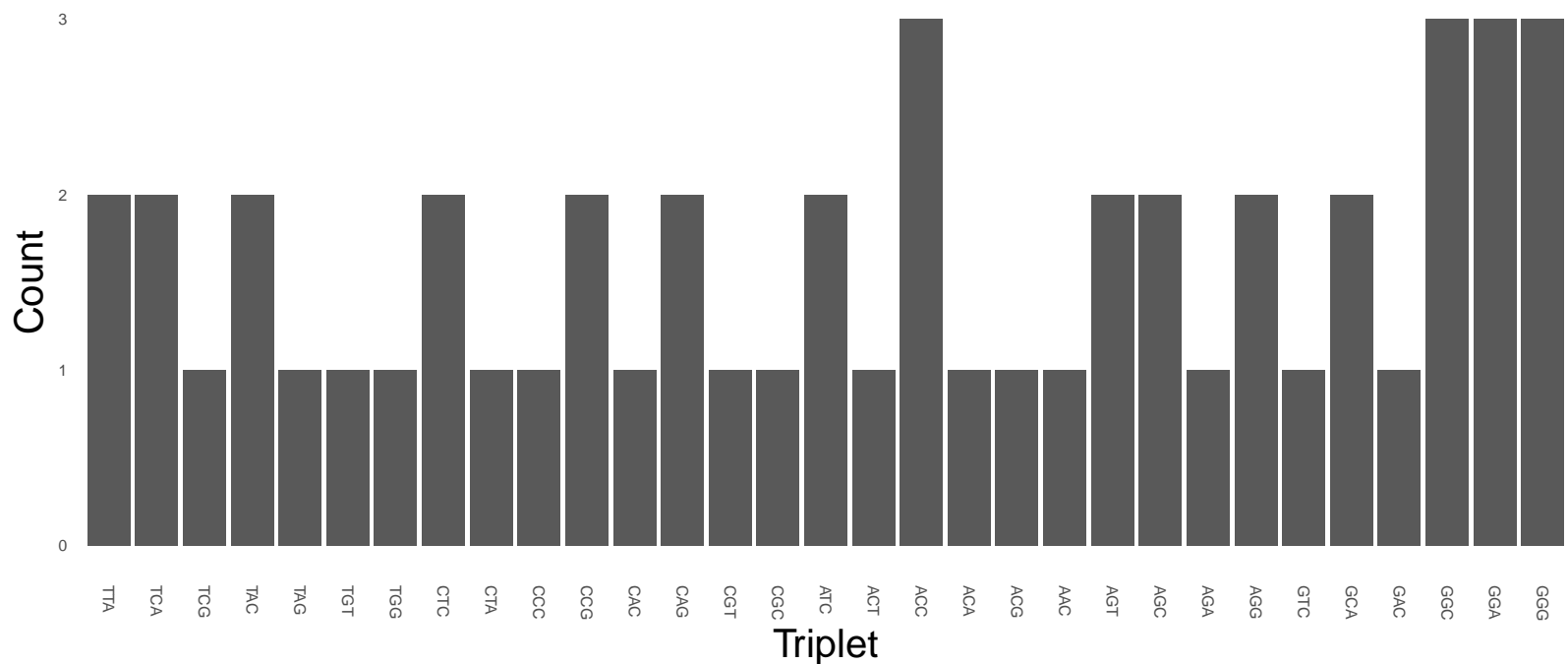
Gene TRBV7-7*ap01_C315T



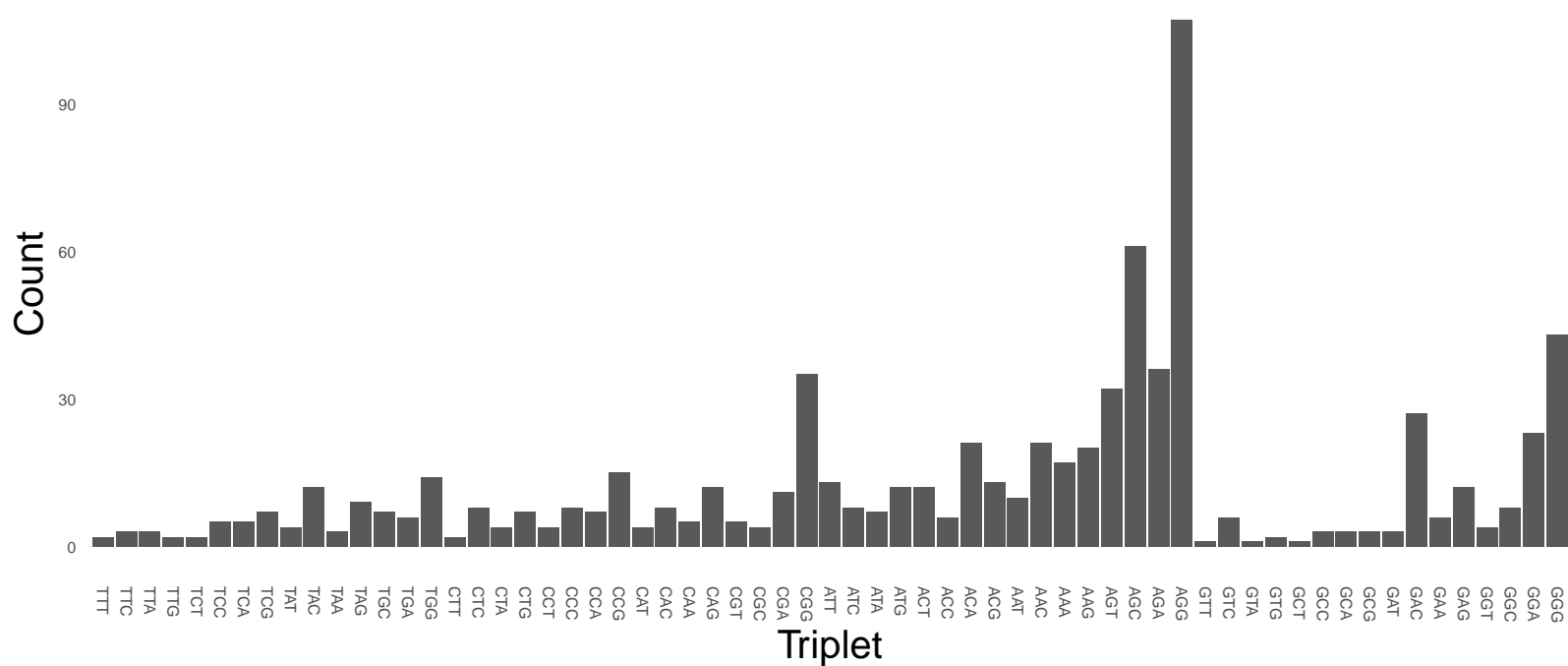
Gene TRBV7-1*ap01_T296C



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

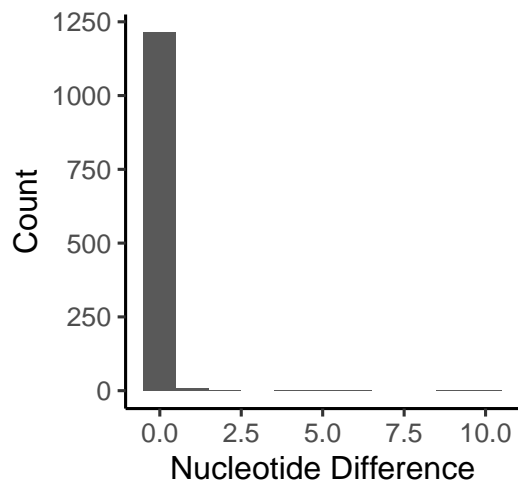


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



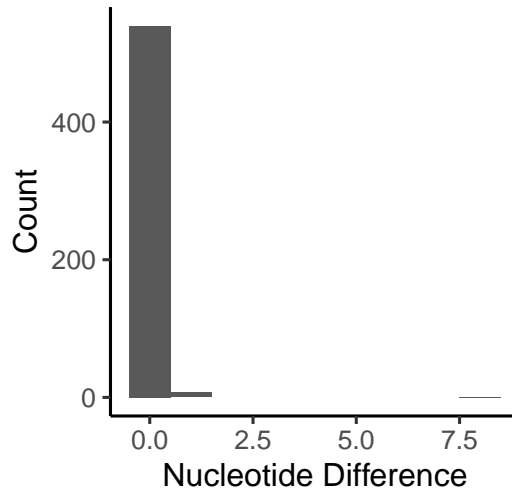
TRBV10-1*ap01

1231 sequences assigned
1214 (98.6%) exact matches, in which:
1209 unique CDR3
13 unique J



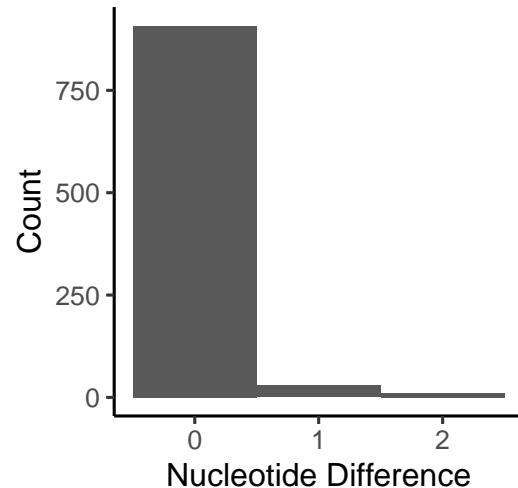
TRBV10-2*ap01

548 sequences assigned
540 (98.5%) exact matches, in which:
537 unique CDR3
13 unique J



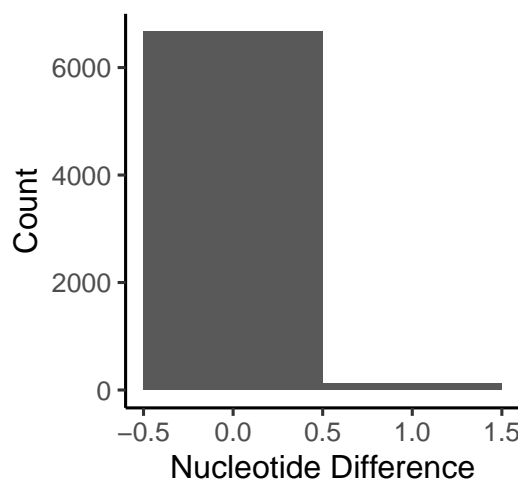
TRBV13*ap01

947 sequences assigned
908 (95.9%) exact matches, in which:
891 unique CDR3
13 unique J



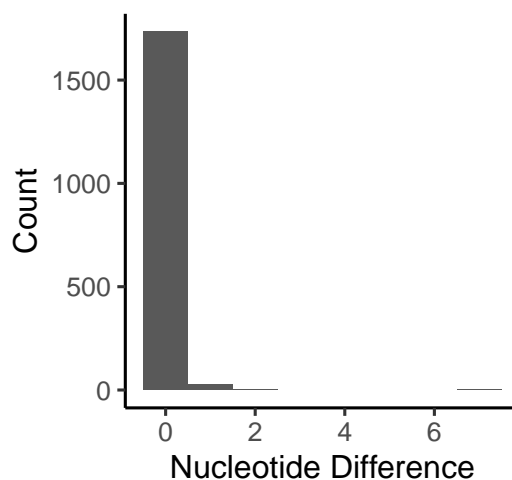
TRBV20-1*ap01

6786 sequences assigned
6667 (98.2%) exact matches, in which:
6507 unique CDR3
13 unique J



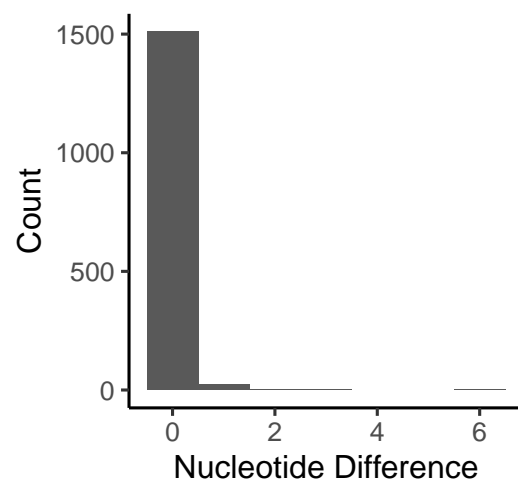
TRBV10-3*ap01

1767 sequences assigned
1734 (98.1%) exact matches, in which:
1719 unique CDR3
13 unique J



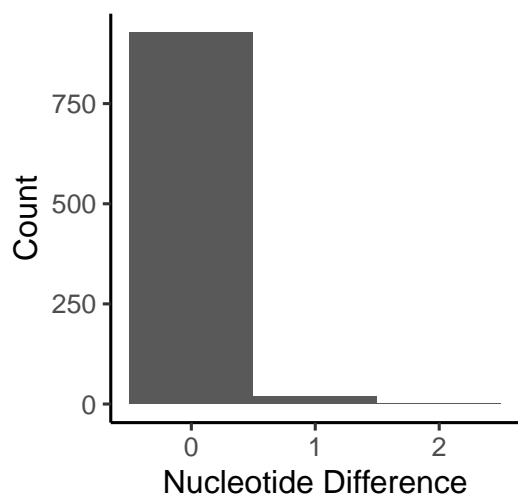
TRBV14*ap01

1537 sequences assigned
1510 (98.2%) exact matches, in which:
1495 unique CDR3
13 unique J



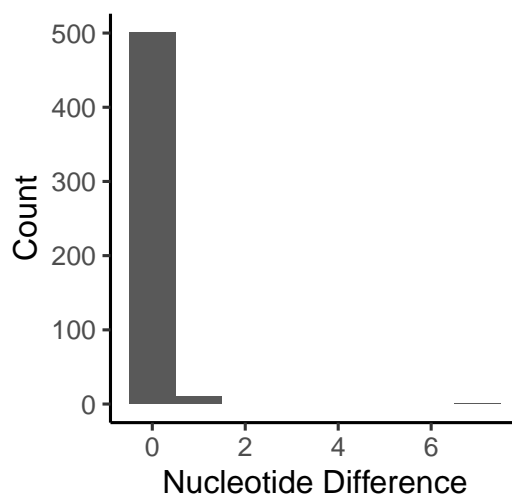
TRBV20-1*ap02

948 sequences assigned
928 (97.9%) exact matches, in which:
905 unique CDR3
13 unique J



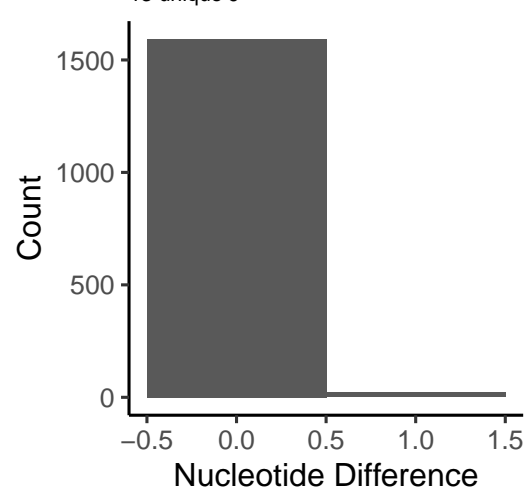
TRBV1*ap01

512 sequences assigned
501 (97.9%) exact matches, in which:
493 unique CDR3
13 unique J



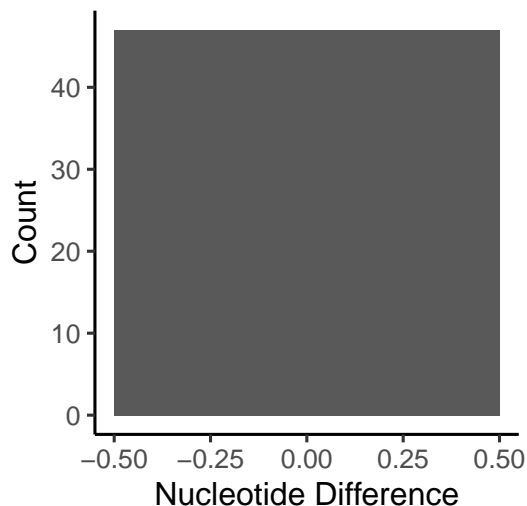
TRBV15*ap02

1615 sequences assigned
1593 (98.6%) exact matches, in which:
1580 unique CDR3
13 unique J



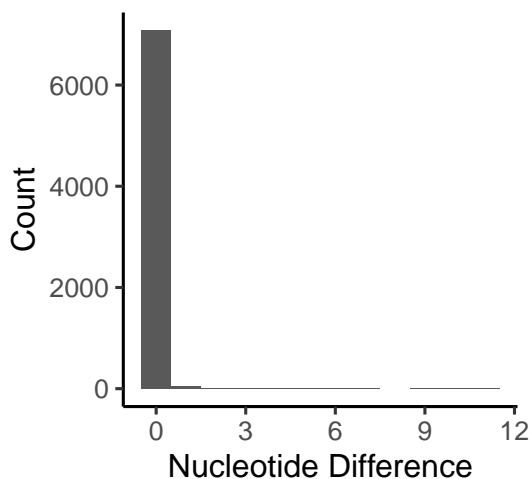
TRBV16*ap01

47 sequences assigned
47 (100%) exact matches, in which:
47 unique CDR3
11 unique J



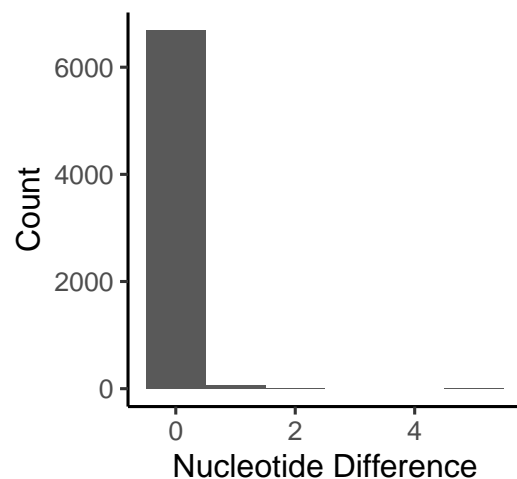
TRBV19*ap01

7147 sequences assigned
7080 (99.1%) exact matches, in which:
7004 unique CDR3
13 unique J



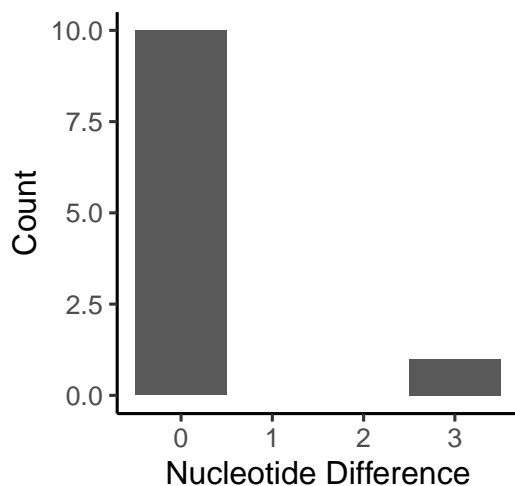
TRBV28*ap01

6745 sequences assigned
6687 (99.1%) exact matches, in which:
6613 unique CDR3
13 unique J



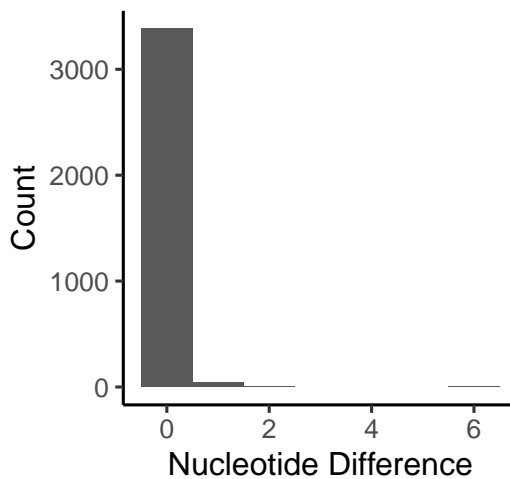
TRBV17*ap01

11 sequences assigned
10 (90.9%) exact matches, in which:
10 unique CDR3
7 unique J



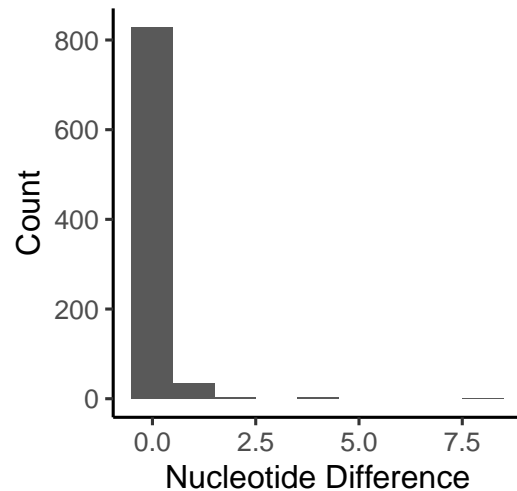
TRBV2*ap01

3429 sequences assigned
3383 (98.7%) exact matches, in which:
3360 unique CDR3
14 unique J



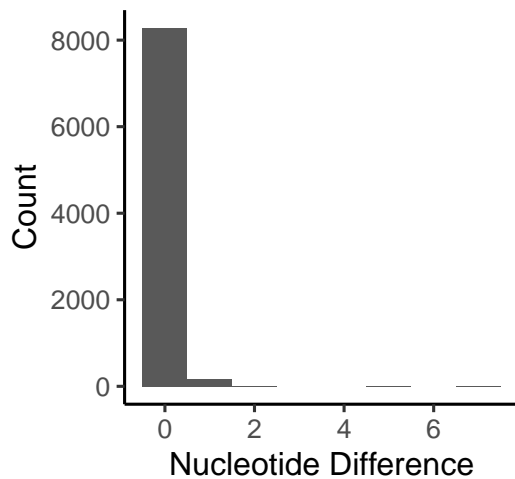
TRBV30*ap02

871 sequences assigned
829 (95.2%) exact matches, in which:
794 unique CDR3
13 unique J



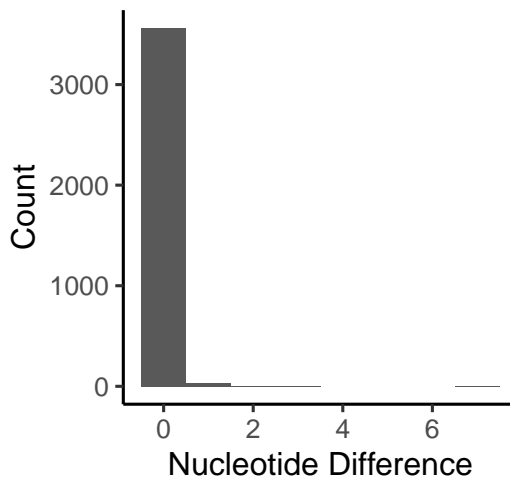
TRBV18*ap01

8447 sequences assigned
8279 (98%) exact matches, in which:
8107 unique CDR3
13 unique J



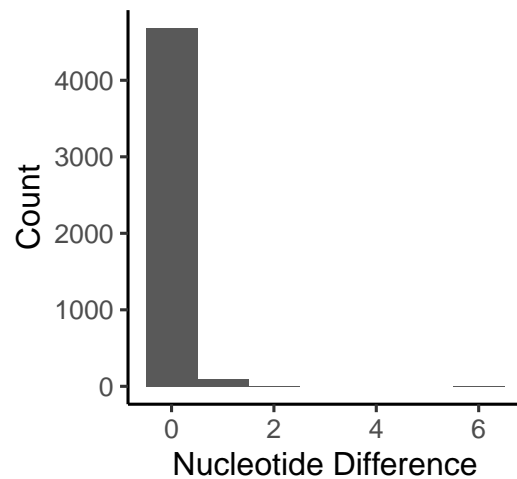
TRBV27*ap01

3599 sequences assigned
3562 (99%) exact matches, in which:
3536 unique CDR3
13 unique J



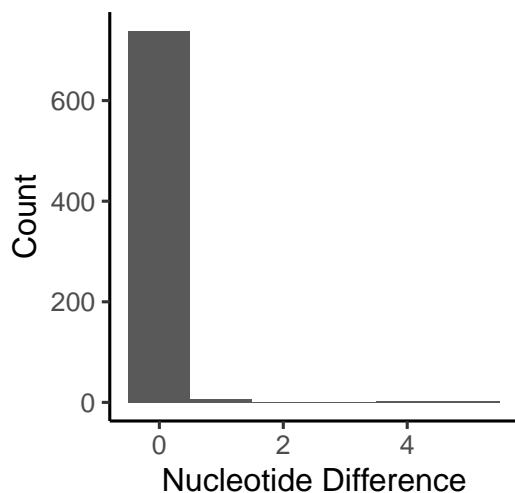
TRBV9*ap01

4781 sequences assigned
4683 (98%) exact matches, in which:
4639 unique CDR3
13 unique J



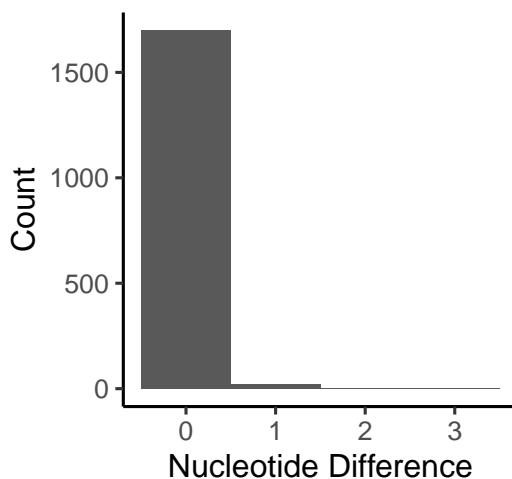
TRBV21-1*ap01

751 sequences assigned
739 (98.4%) exact matches, in which:
738 unique CDR3
13 unique J



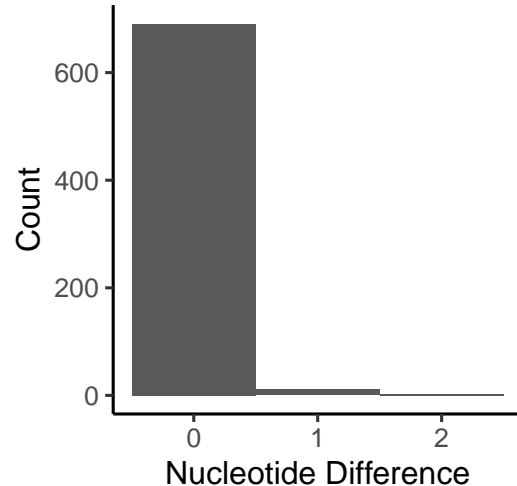
TRBV11-3*ap01

1724 sequences assigned
1699 (98.5%) exact matches, in which:
1686 unique CDR3
13 unique J



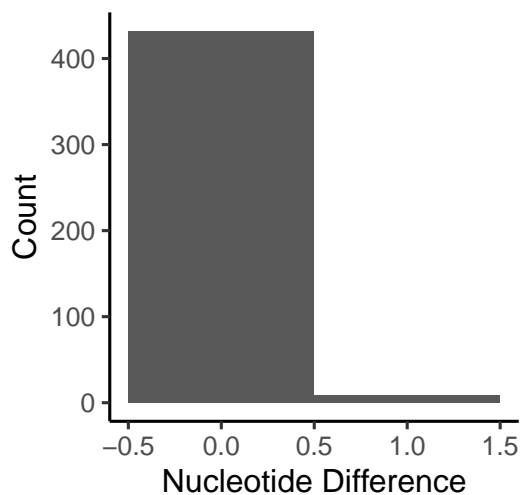
TRBV12-5*ap01

704 sequences assigned
691 (98.2%) exact matches, in which:
687 unique CDR3
13 unique J



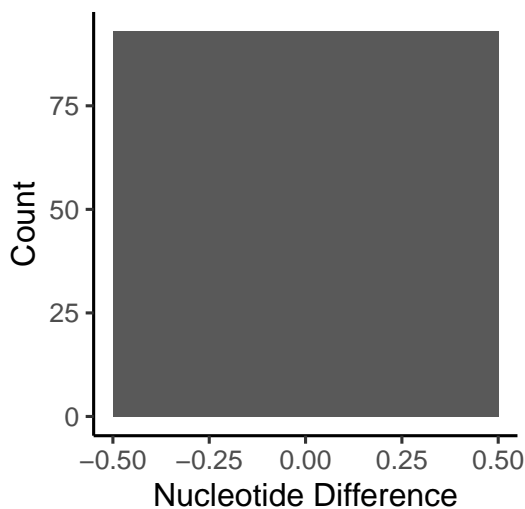
TRBV11-1*ap01

441 sequences assigned
432 (98%) exact matches, in which:
429 unique CDR3
13 unique J



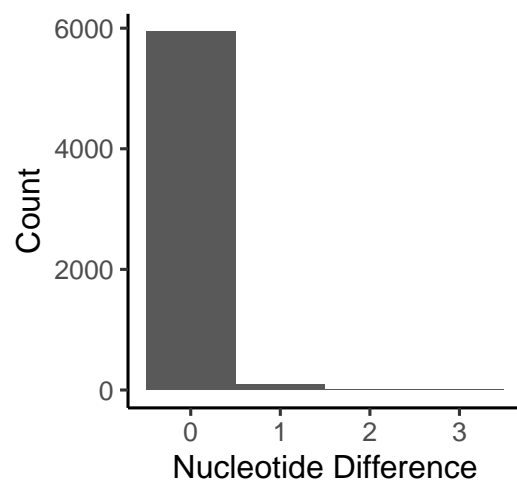
TRBV12-1*ap01

93 sequences assigned
93 (100%) exact matches, in which:
93 unique CDR3
11 unique J



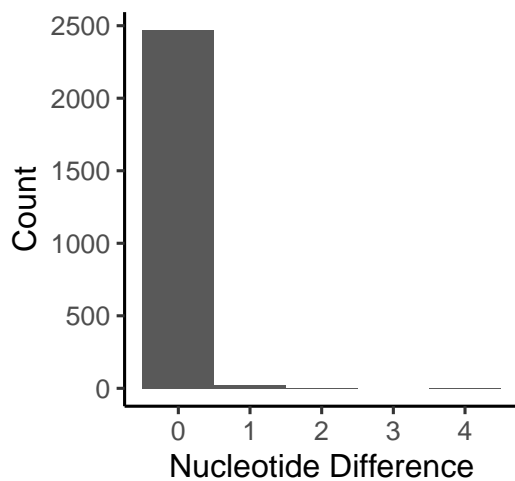
TRBV12-34*ap01

6039 sequences assigned
5941 (98.4%) exact matches, in which:
5870 unique CDR3
13 unique J



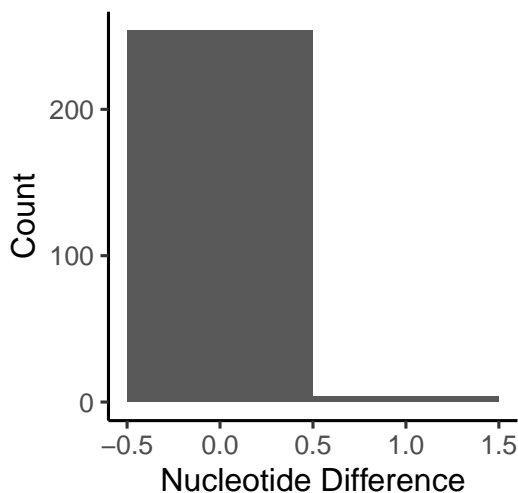
TRBV11-2*ap01

2497 sequences assigned
2470 (98.9%) exact matches, in which:
2450 unique CDR3
13 unique J



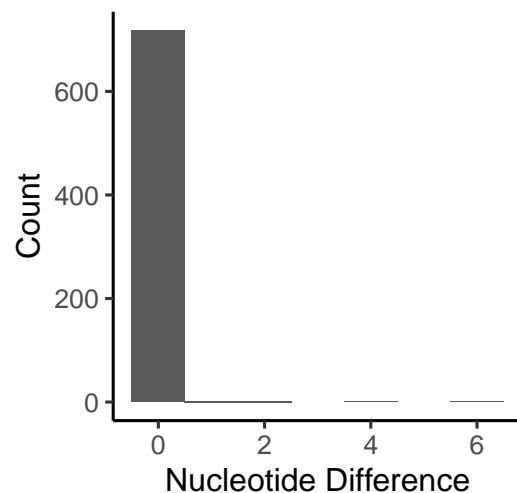
TRBV12-2*ap01

258 sequences assigned
254 (98.4%) exact matches, in which:
252 unique CDR3
13 unique J



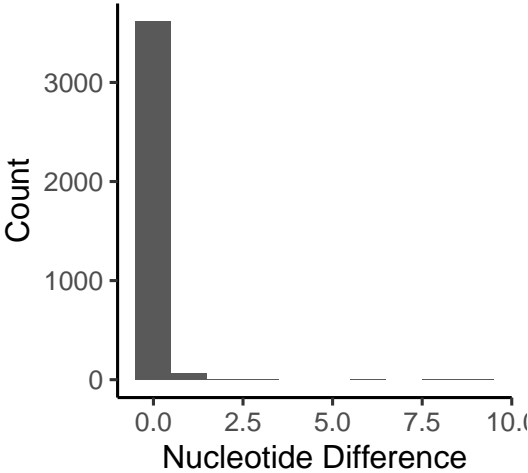
TRBV23-1*ap01

724 sequences assigned
718 (99.2%) exact matches, in which:
716 unique CDR3
13 unique J



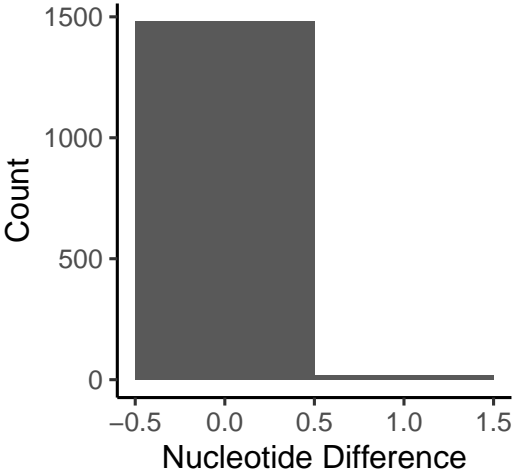
TRBV3-12*ap01

3687 sequences assigned
3616 (98.1%) exact matches, in which:
3583 unique CDR3
13 unique J



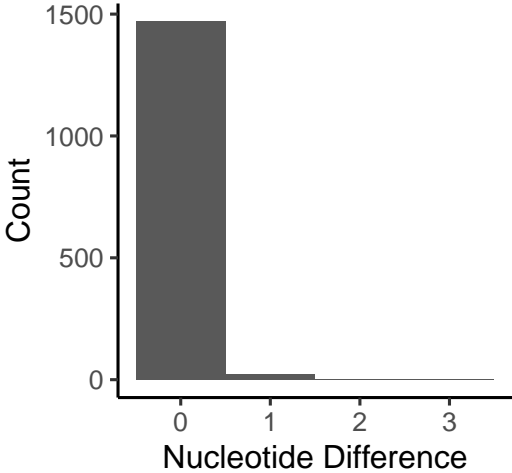
TRBV4-2*ap01

1500 sequences assigned
1481 (98.7%) exact matches, in which:
1454 unique CDR3
13 unique J



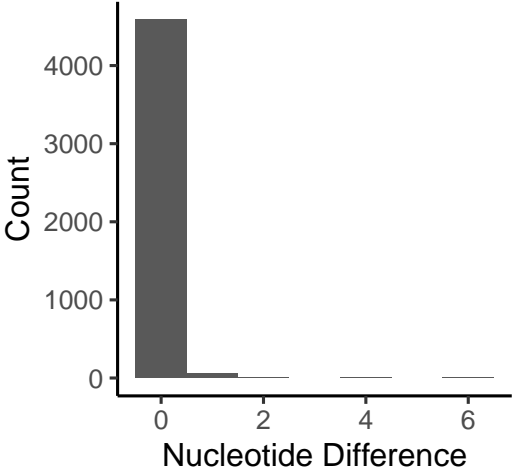
TRBV25-1*ap01

1493 sequences assigned
1470 (98.5%) exact matches, in which:
1453 unique CDR3
13 unique J



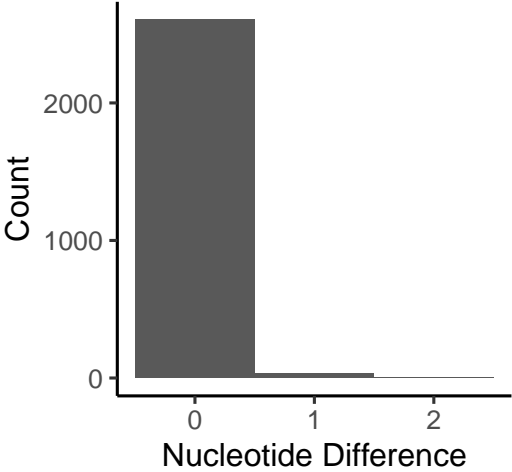
TRBV24-1*ap01

4653 sequences assigned
4587 (98.6%) exact matches, in which:
4529 unique CDR3
13 unique J



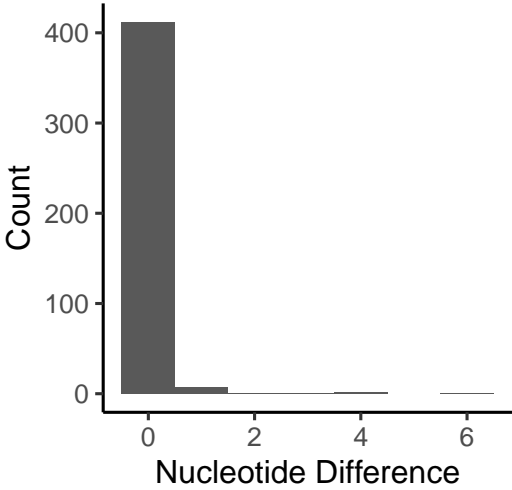
TRBV4-3*ap01

2638 sequences assigned
2605 (98.7%) exact matches, in which:
2565 unique CDR3
13 unique J



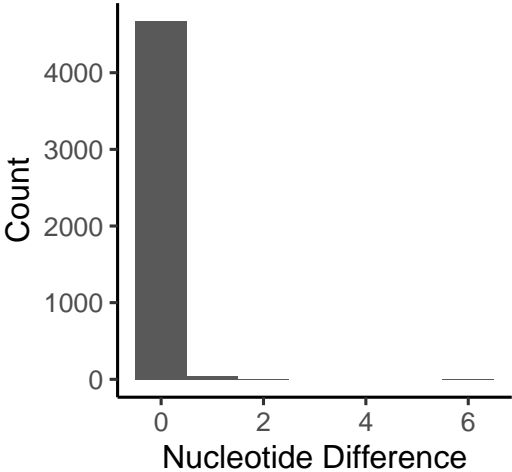
TRBV5-3*ap01

424 sequences assigned
412 (97.2%) exact matches, in which:
409 unique CDR3
13 unique J



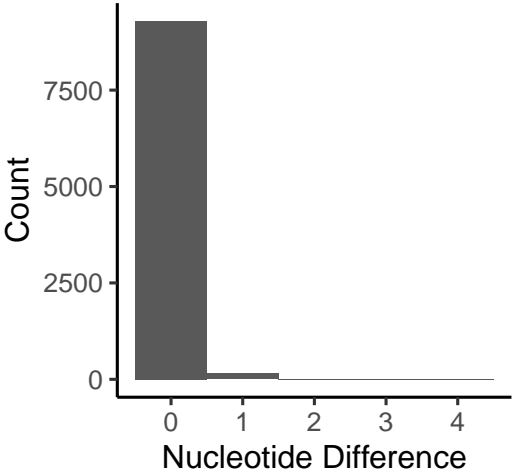
TRBV4-1*ap01

4722 sequences assigned
4674 (99%) exact matches, in which:
4606 unique CDR3
13 unique J



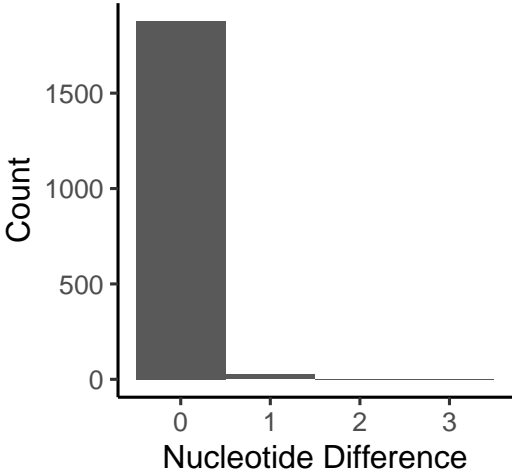
TRBV5-1*ap01

9453 sequences assigned
9291 (98.3%) exact matches, in which:
9121 unique CDR3
13 unique J



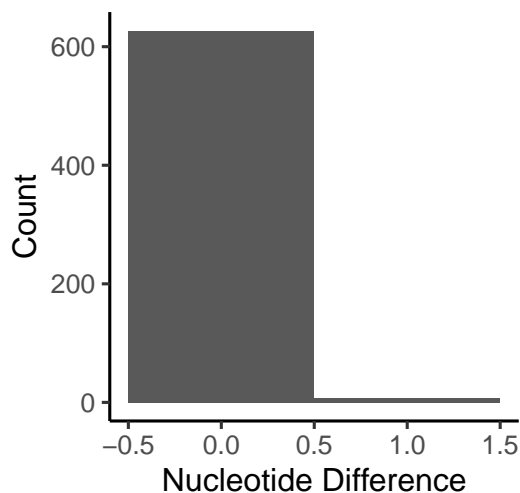
TRBV5-4*ap01

1906 sequences assigned
1878 (98.5%) exact matches, in which:
1863 unique CDR3
13 unique J



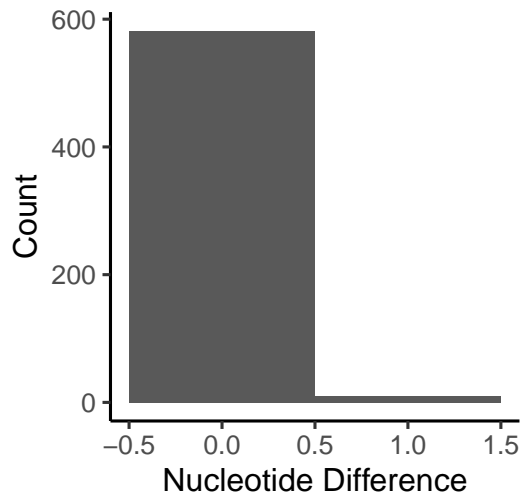
TRBV5-5*ap01

634 sequences assigned
627 (98.9%) exact matches, in which:
622 unique CDR3
13 unique J



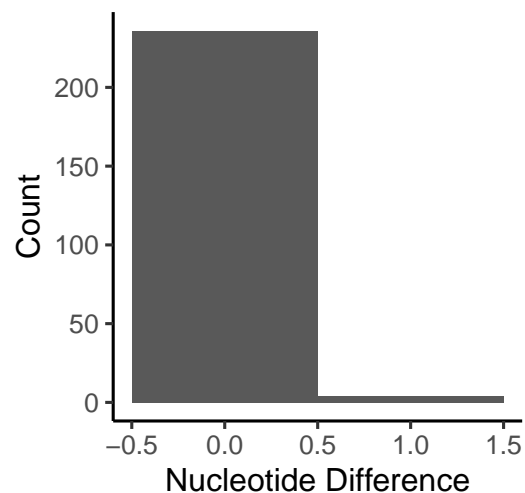
TRBV5-8*ap01

592 sequences assigned
582 (98.3%) exact matches, in which:
578 unique CDR3
13 unique J



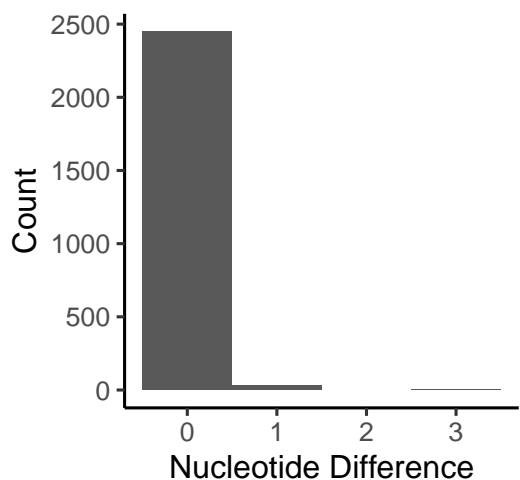
TRBV6-7*ap01

240 sequences assigned
236 (98.3%) exact matches, in which:
233 unique CDR3
13 unique J



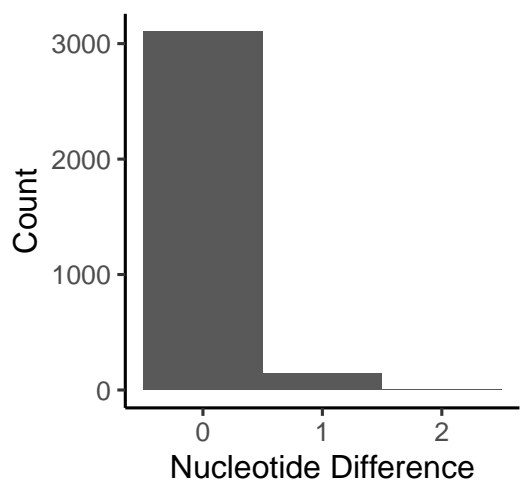
TRBV5-6*ap01

2482 sequences assigned
2448 (98.6%) exact matches, in which:
2397 unique CDR3
13 unique J



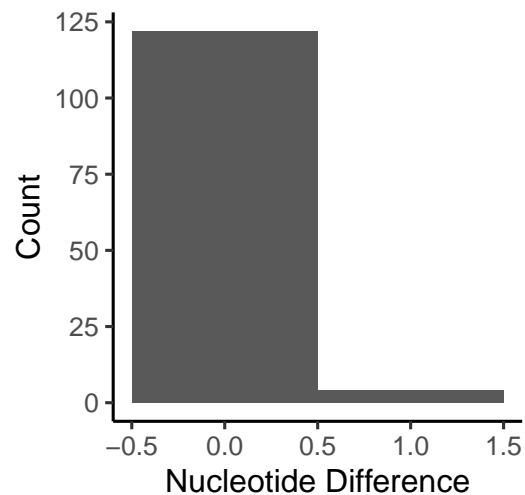
TRBV6-1*ap01

3252 sequences assigned
3103 (95.4%) exact matches, in which:
3057 unique CDR3
13 unique J



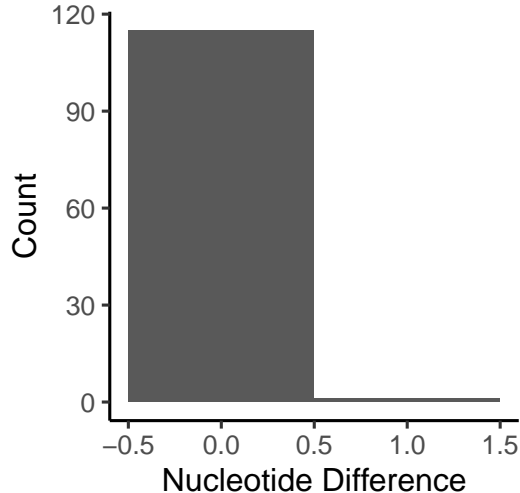
TRBV6-8*ap01

126 sequences assigned
122 (96.8%) exact matches, in which:
119 unique CDR3
13 unique J



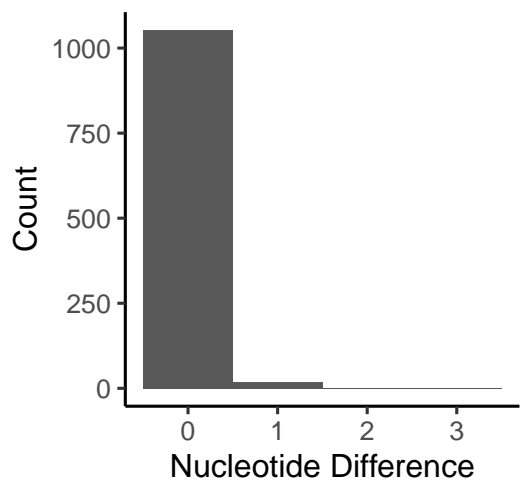
TRBV5-7*ap01

116 sequences assigned
115 (99.1%) exact matches, in which:
112 unique CDR3
12 unique J



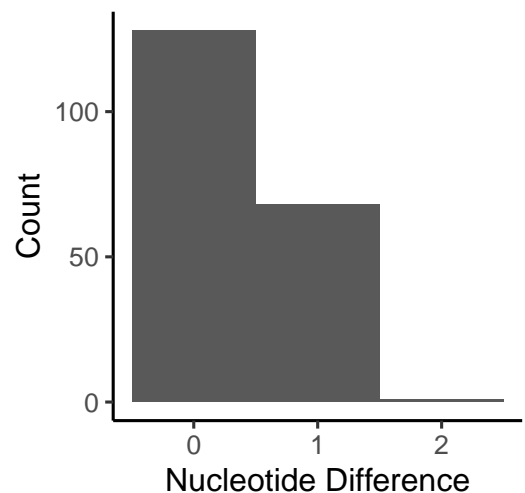
TRBV6-4*ap01

1073 sequences assigned
1053 (98.1%) exact matches, in which:
1041 unique CDR3
13 unique J



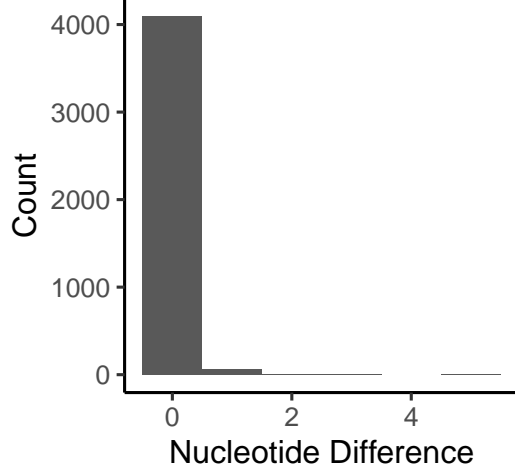
TRBV6-9*ap01

197 sequences assigned
128 (65%) exact matches, in which:
125 unique CDR3
12 unique J



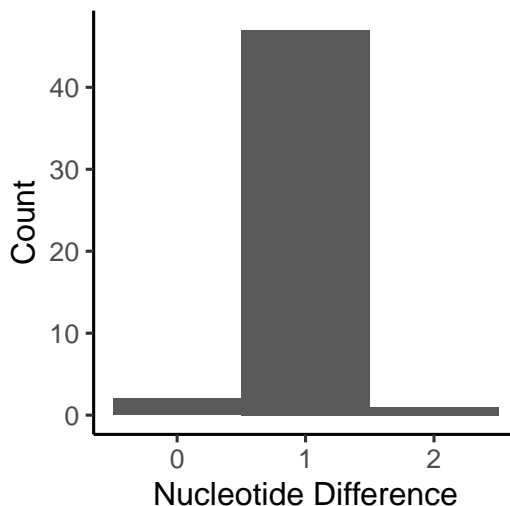
TRBV6-23*ap01

4160 sequences assigned
4093 (98.4%) exact matches, in which:
4046 unique CDR3
13 unique J



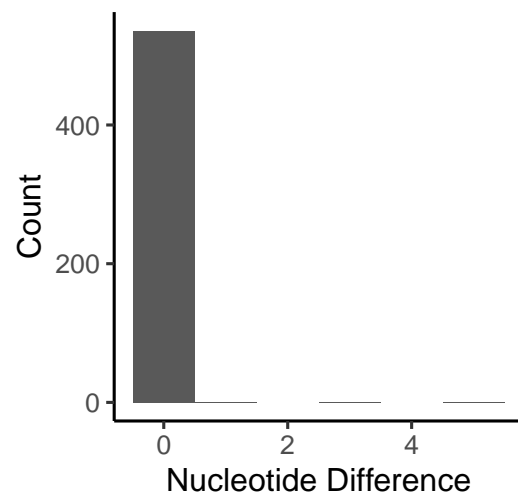
TRBV7-1*ap01_T296C

50 sequences assigned
2 (4%) exact matches, in which:
2 unique CDR3
2 unique J



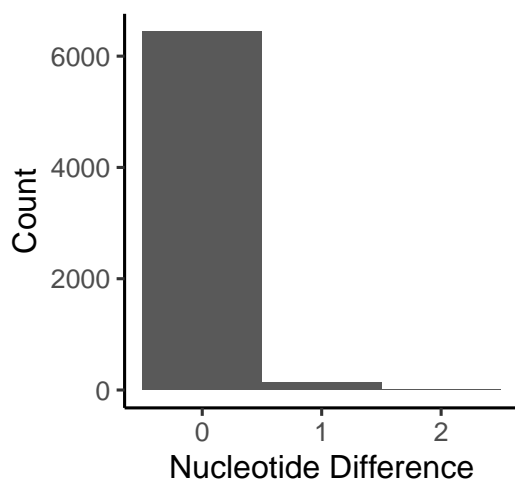
TRBV7-3*ap03

539 sequences assigned
536 (99.4%) exact matches, in which:
534 unique CDR3
12 unique J



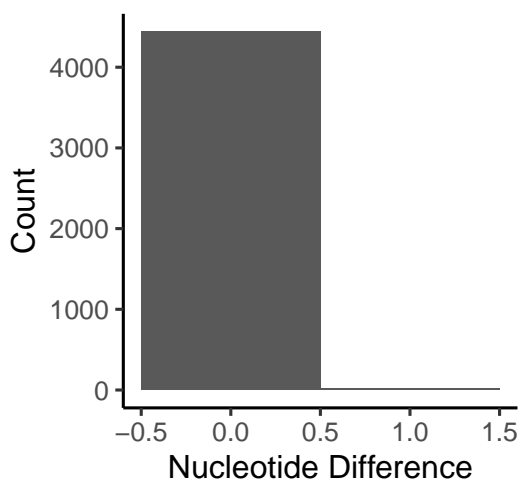
TRBV6-56*ap01

6576 sequences assigned
6439 (97.9%) exact matches, in which:
6329 unique CDR3
13 unique J



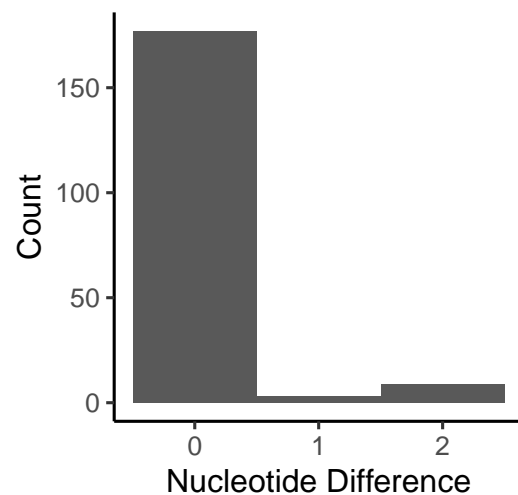
TRBV7-2*ap01

4462 sequences assigned
4440 (99.5%) exact matches, in which:
4402 unique CDR3
13 unique J



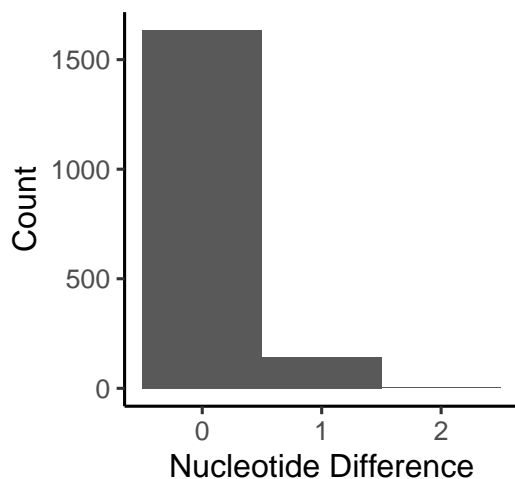
TRBV7-4*ap01

189 sequences assigned
177 (93.7%) exact matches, in which:
175 unique CDR3
13 unique J



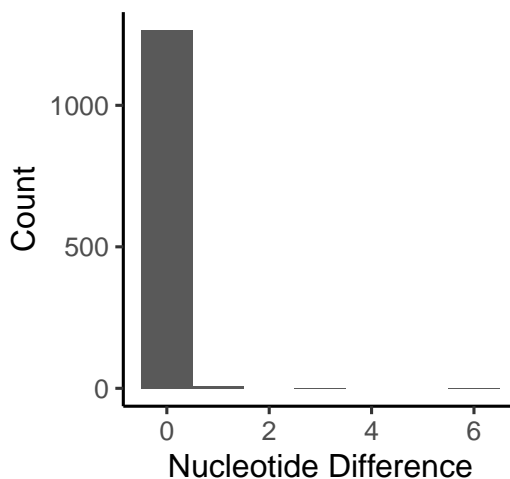
TRBV6-56*ap02

1781 sequences assigned
1635 (91.8%) exact matches, in which:
1598 unique CDR3
13 unique J



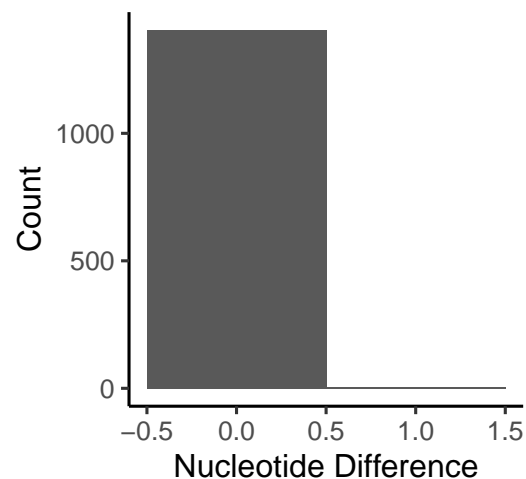
TRBV7-3*ap01

1276 sequences assigned
1266 (99.2%) exact matches, in which:
1257 unique CDR3
13 unique J



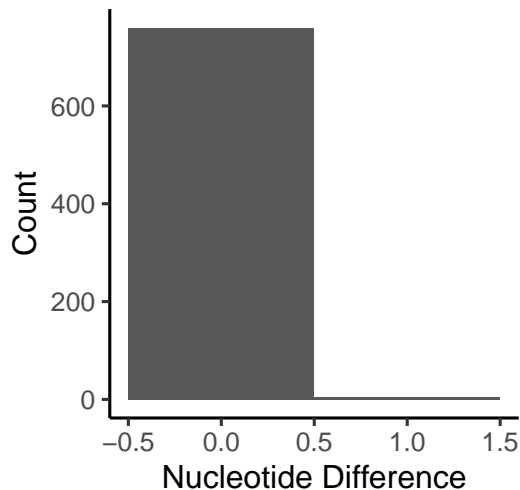
TRBV7-6*ap01

1411 sequences assigned
1405 (99.6%) exact matches, in which:
1379 unique CDR3
13 unique J



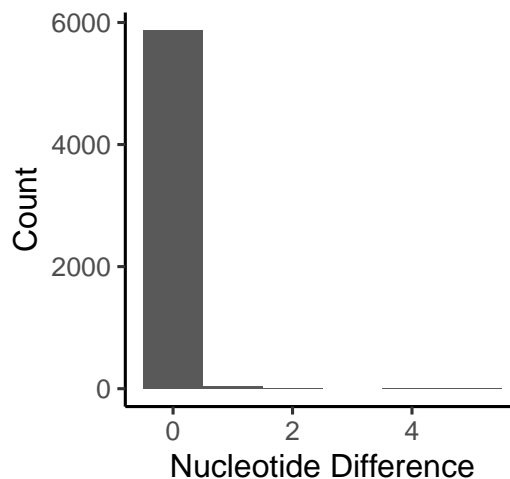
TRBV7-7*ap01_C315T

765 sequences assigned
760 (99.3%) exact matches, in which:
742 unique CDR3
13 unique J



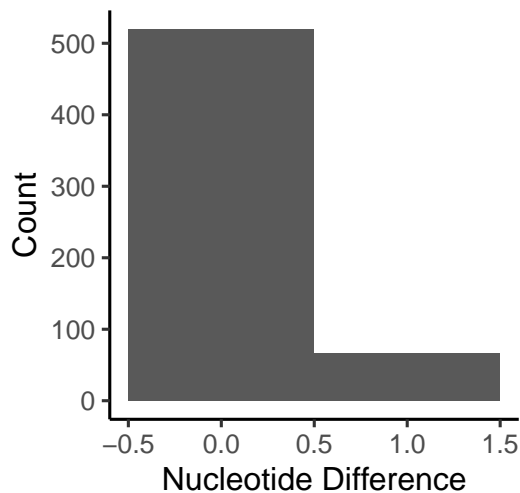
TRBV7-9*ap01

5915 sequences assigned
5870 (99.2%) exact matches, in which:
5798 unique CDR3
13 unique J



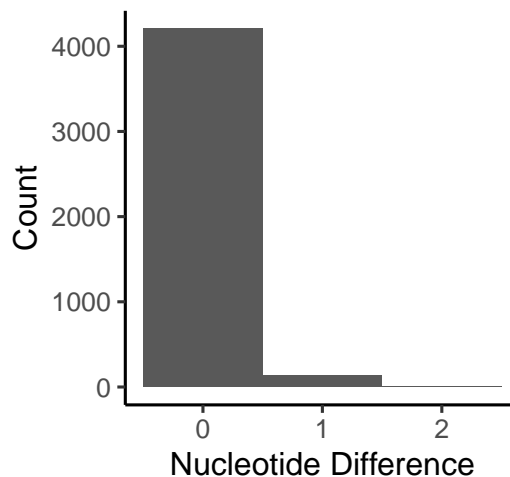
TRBV7-8*ap01

587 sequences assigned
520 (88.6%) exact matches, in which:
514 unique CDR3
13 unique J



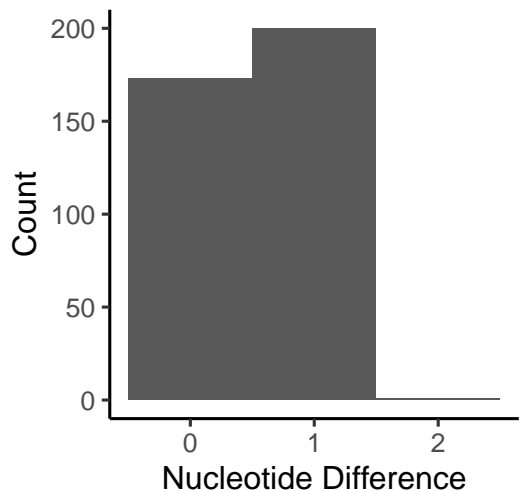
TRBV29-1*ap01

4340 sequences assigned
4206 (96.9%) exact matches, in which:
3997 unique CDR3
13 unique J



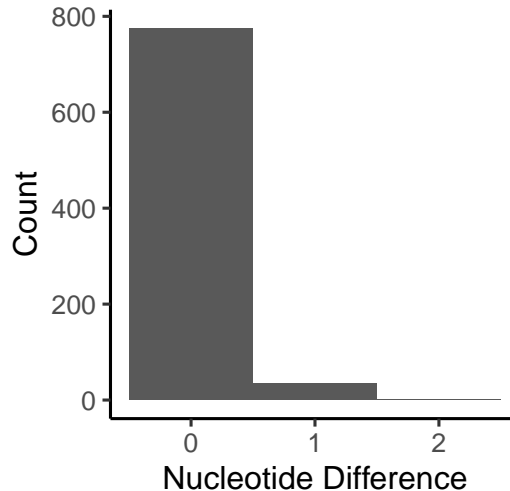
TRBV7-8*ap03

374 sequences assigned
173 (46.3%) exact matches, in which:
173 unique CDR3
13 unique J

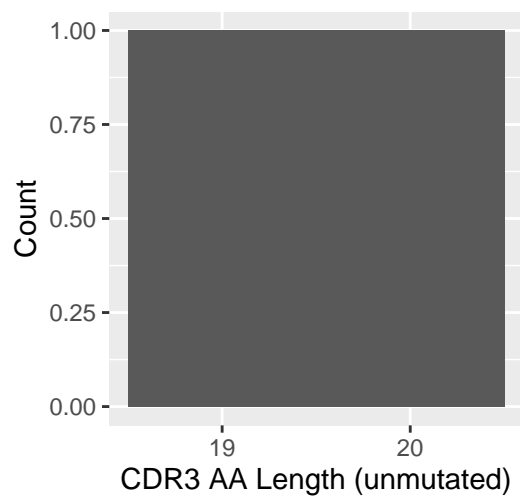


TRBV29-1*ap02

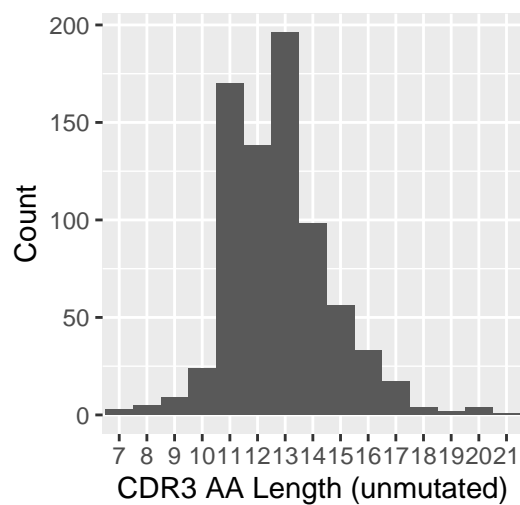
811 sequences assigned
775 (95.6%) exact matches, in which:
737 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

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