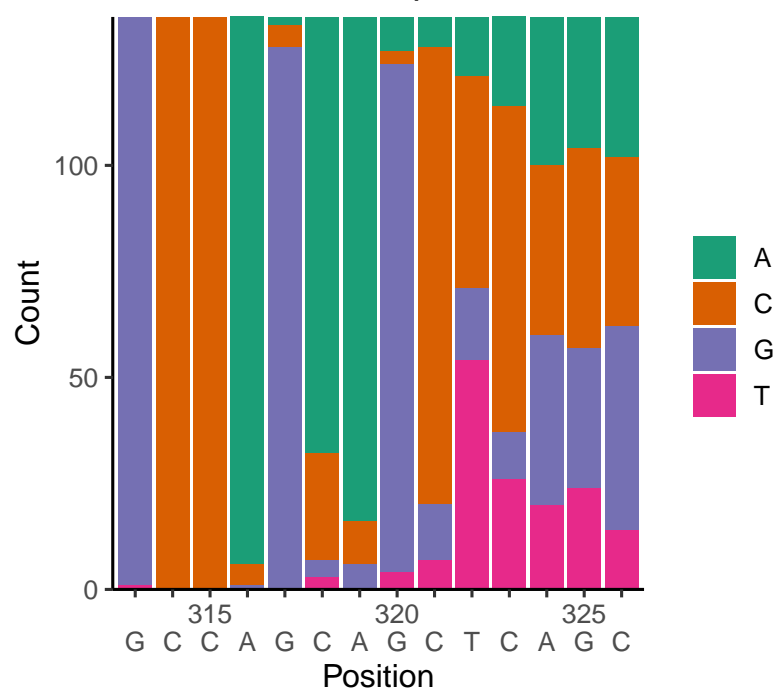
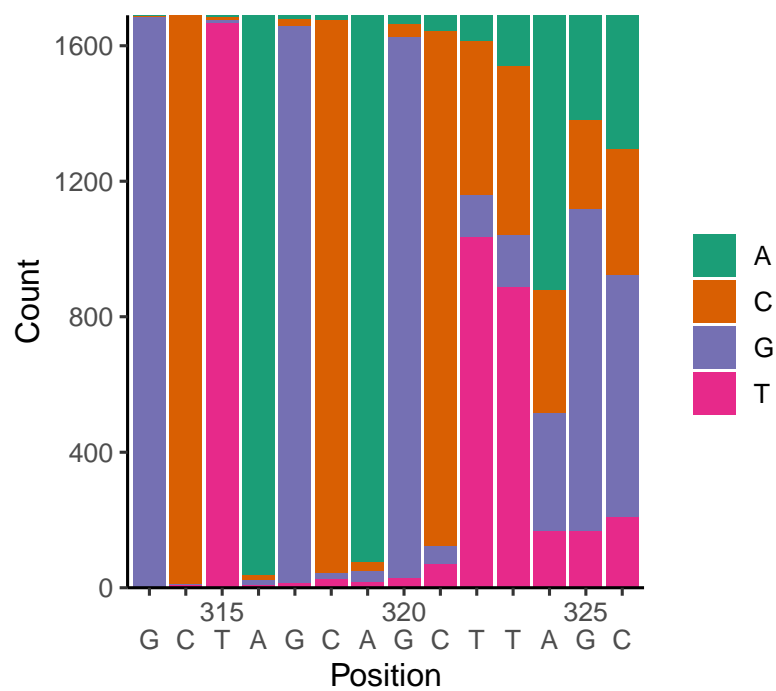


Gene TRBV7-1*ap01_T296C



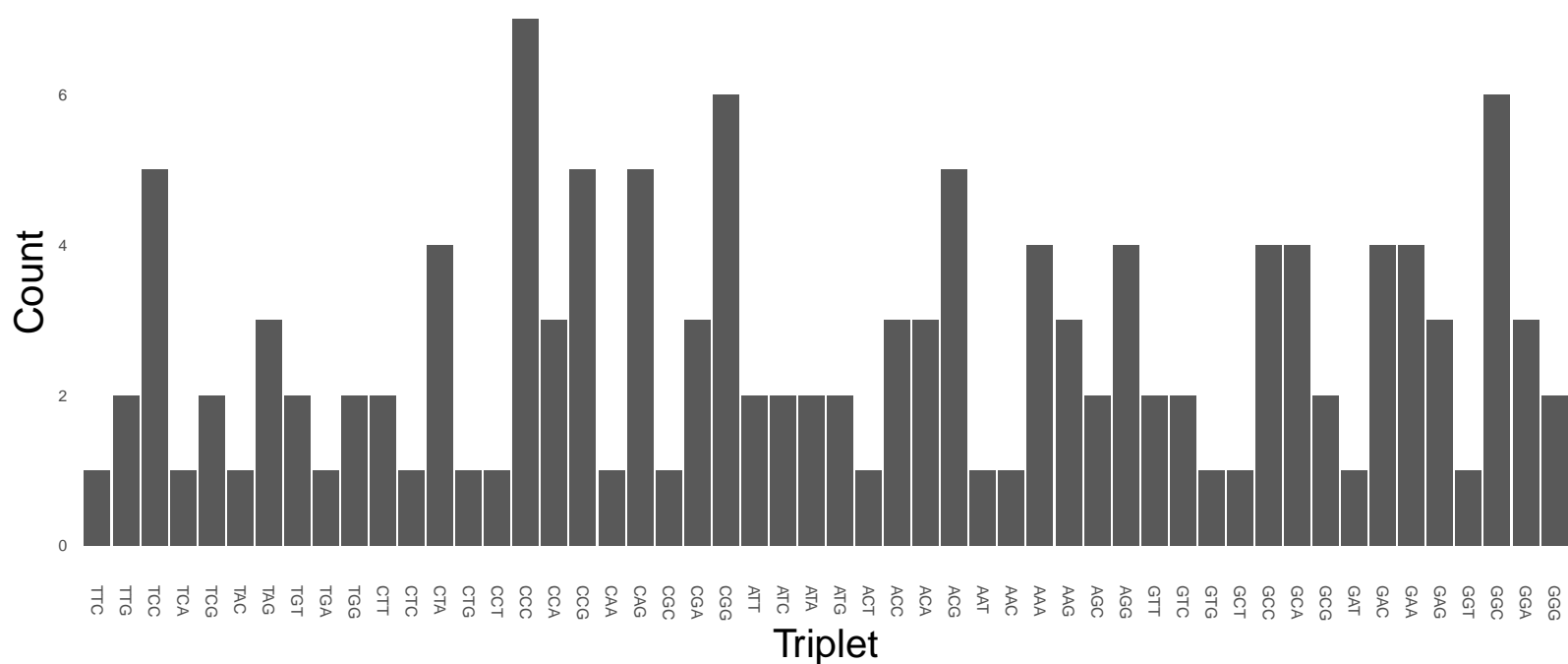
Gene TRBV7-7*ap01_C315T



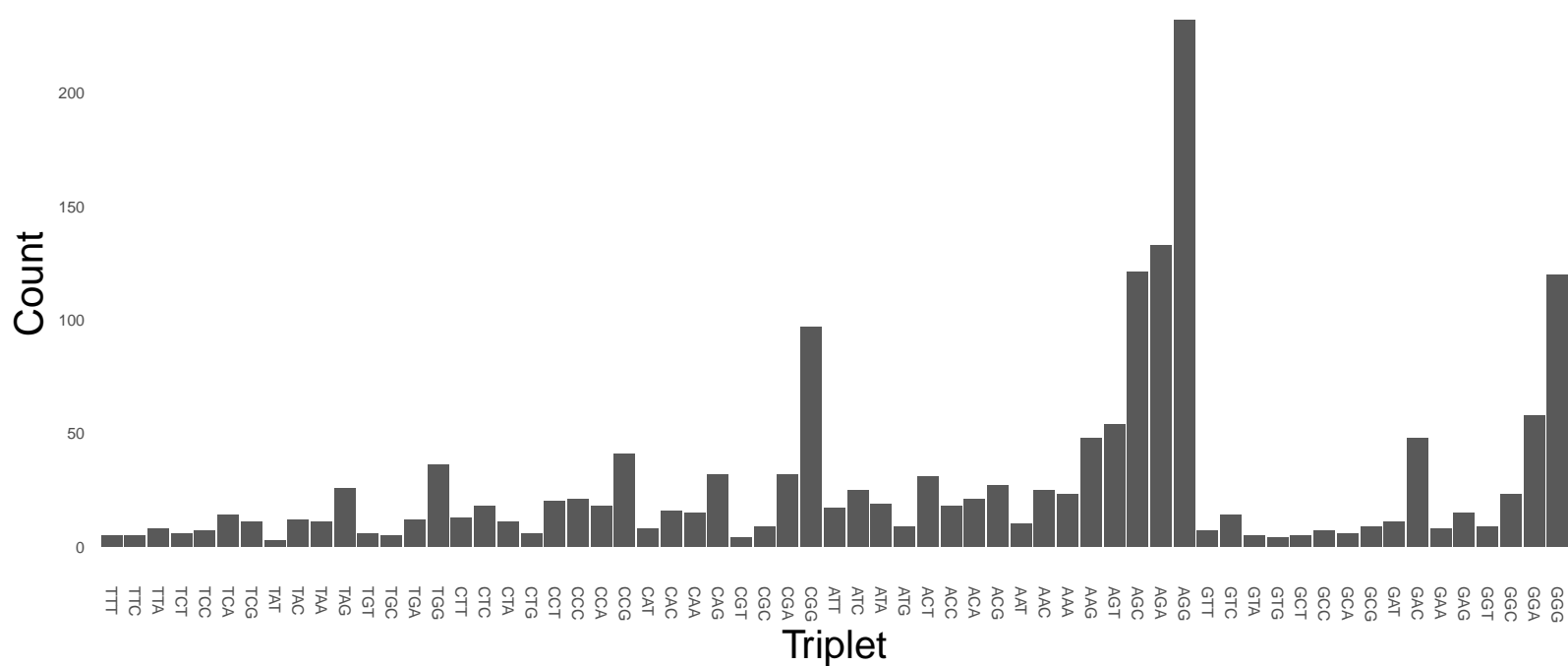
Gene TRBV7-1*ap01_T296C



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

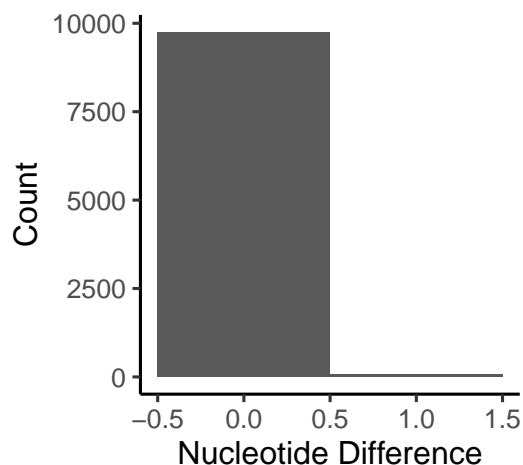


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



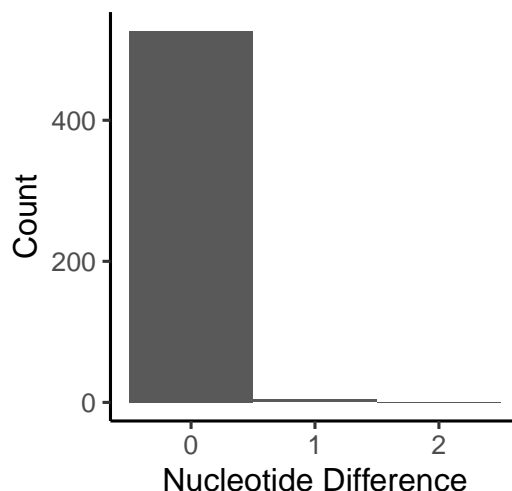
TRBV20-1*ap01

9809 sequences assigned
9749 (99.4%) exact matches, in which:
9708 unique CDR3
13 unique J



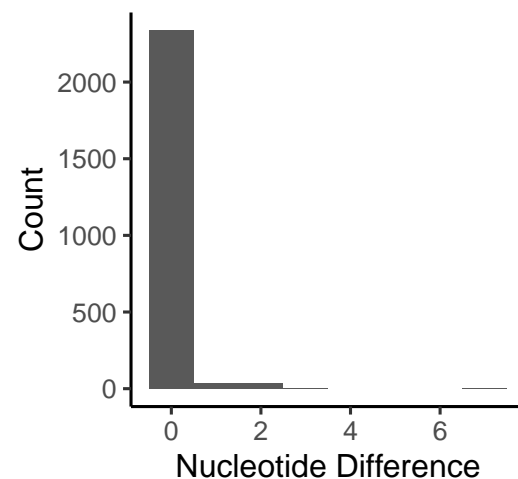
TRBV10-2*ap01

532 sequences assigned
527 (99.1%) exact matches, in which:
521 unique CDR3
12 unique J



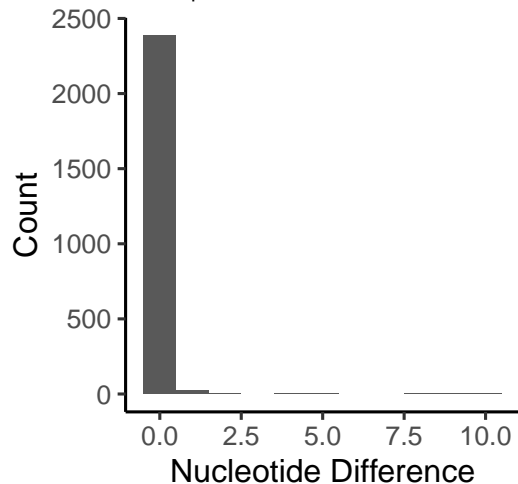
TRBV13*ap01

2411 sequences assigned
2337 (96.9%) exact matches, in which:
2322 unique CDR3
13 unique J



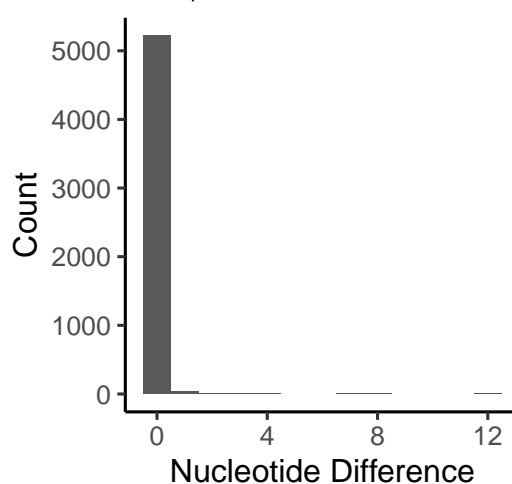
TRBV10-1*ap01

2417 sequences assigned
2385 (98.7%) exact matches, in which:
2360 unique CDR3
13 unique J



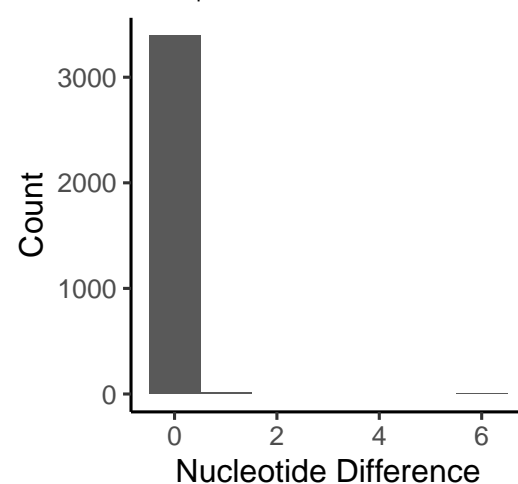
TRBV10-3*ap01

5264 sequences assigned
5219 (99.1%) exact matches, in which:
5189 unique CDR3
13 unique J



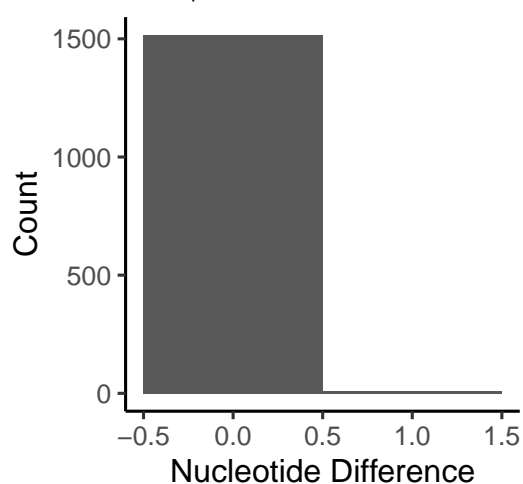
TRBV14*ap01

3409 sequences assigned
3393 (99.5%) exact matches, in which:
3376 unique CDR3
13 unique J



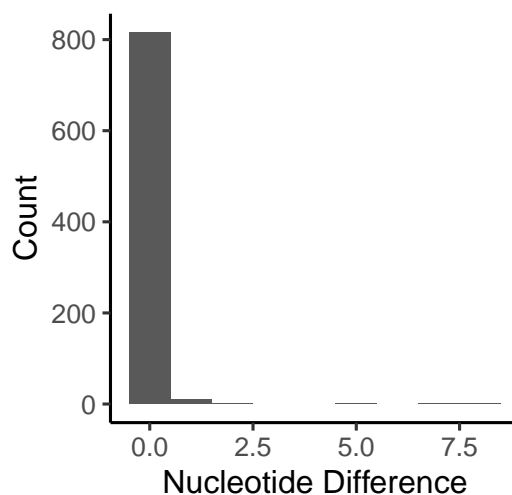
TRBV20-1*ap02

1525 sequences assigned
1516 (99.4%) exact matches, in which:
1510 unique CDR3
13 unique J



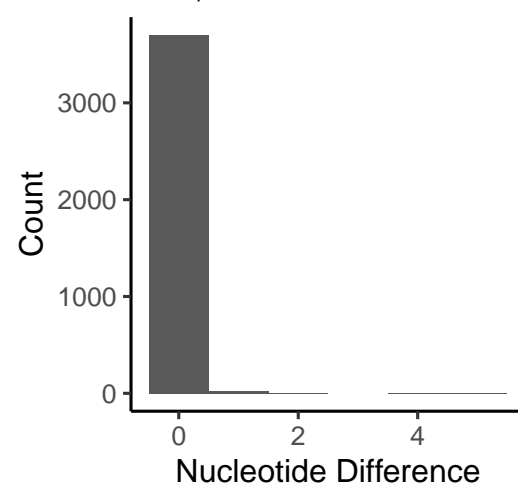
TRBV1*ap01

830 sequences assigned
816 (98.3%) exact matches, in which:
807 unique CDR3
13 unique J



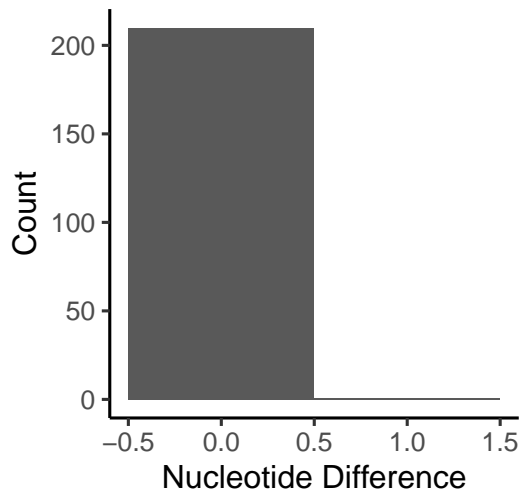
TRBV15*ap02

3730 sequences assigned
3700 (99.2%) exact matches, in which:
3679 unique CDR3
13 unique J



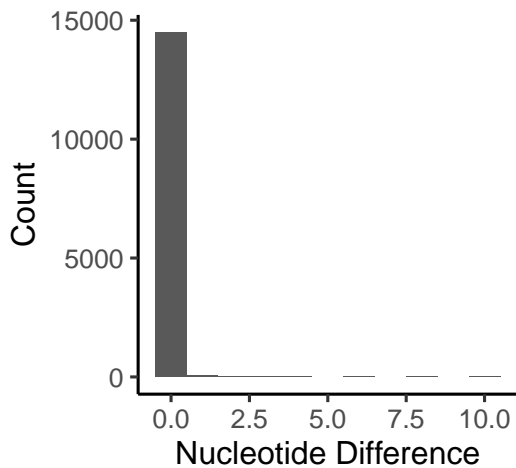
TRBV16*ap01

211 sequences assigned
210 (99.5%) exact matches, in which:
210 unique CDR3
12 unique J



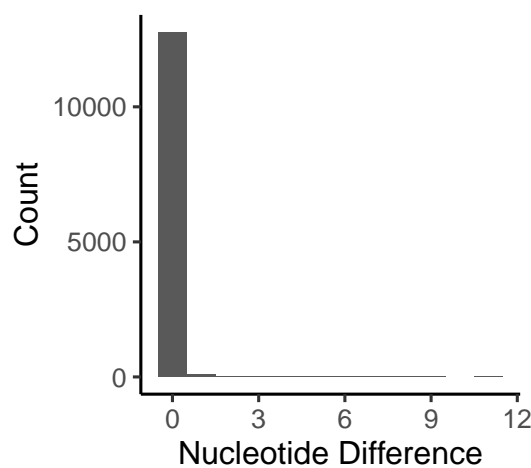
TRBV19*ap01

14590 sequences assigned
14499 (99.4%) exact matches, in which:
14475 unique CDR3
14 unique J



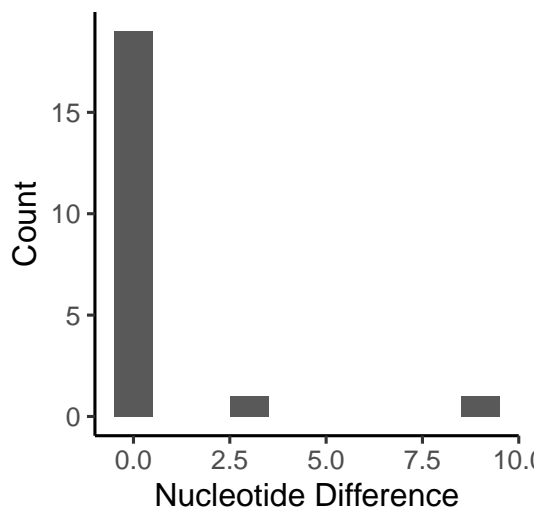
TRBV27*ap01

12874 sequences assigned
12765 (99.2%) exact matches, in which:
12706 unique CDR3
13 unique J



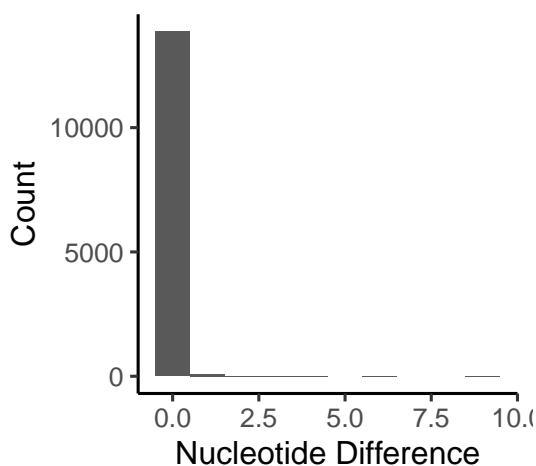
TRBV17*ap01

21 sequences assigned
19 (90.5%) exact matches, in which:
19 unique CDR3
7 unique J



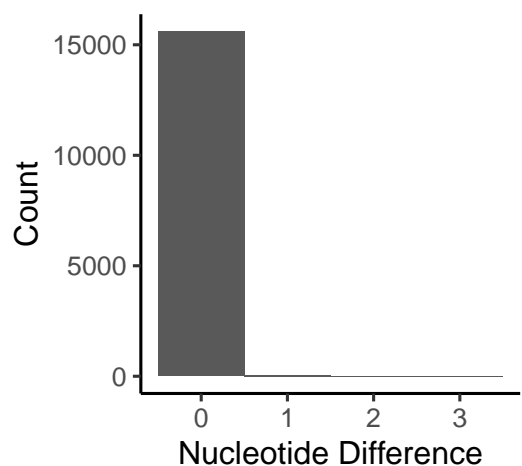
TRBV2*ap01

13971 sequences assigned
13868 (99.3%) exact matches, in which:
13778 unique CDR3
13 unique J



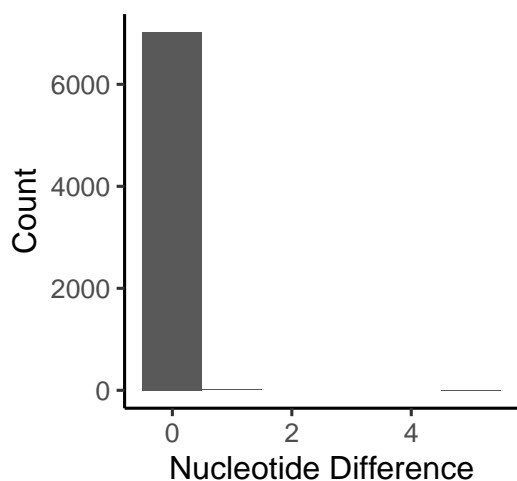
TRBV28*ap01

15672 sequences assigned
15603 (99.6%) exact matches, in which:
15559 unique CDR3
13 unique J



TRBV18*ap01

7041 sequences assigned
7025 (99.8%) exact matches, in which:
7008 unique CDR3
13 unique J



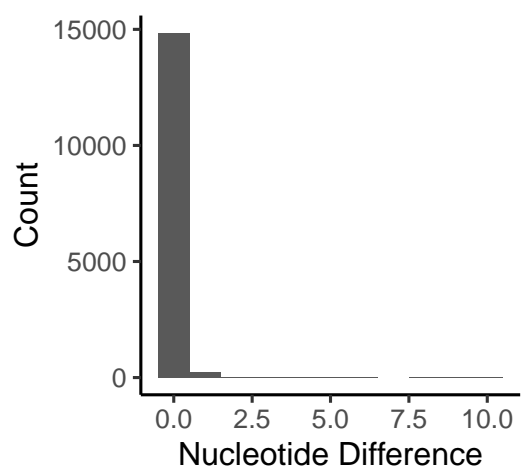
TRBV26*ap01

1 sequences assigned
No exact matches.



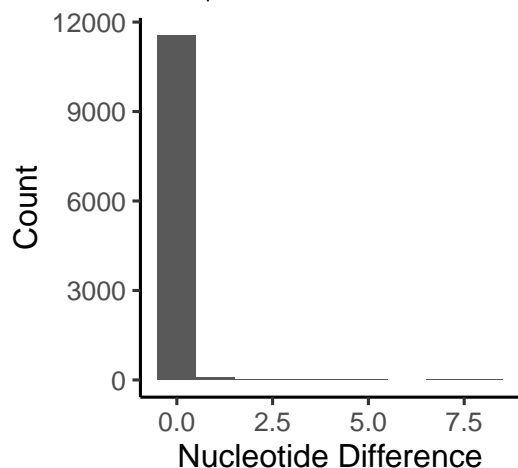
TRBV30*ap01

15129 sequences assigned
14852 (98.2%) exact matches, in which:
14661 unique CDR3
13 unique J



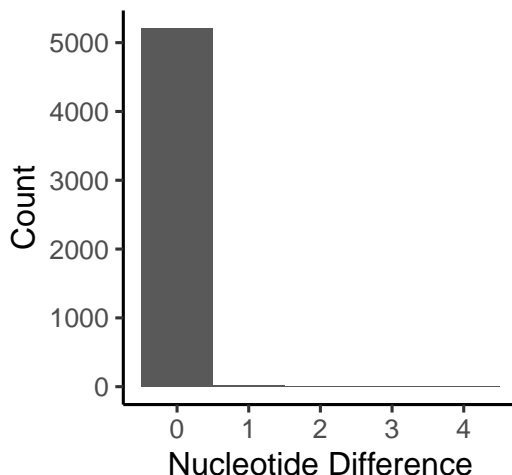
TRBV9*ap01

11646 sequences assigned
11562 (99.3%) exact matches, in which:
11520 unique CDR3
13 unique J



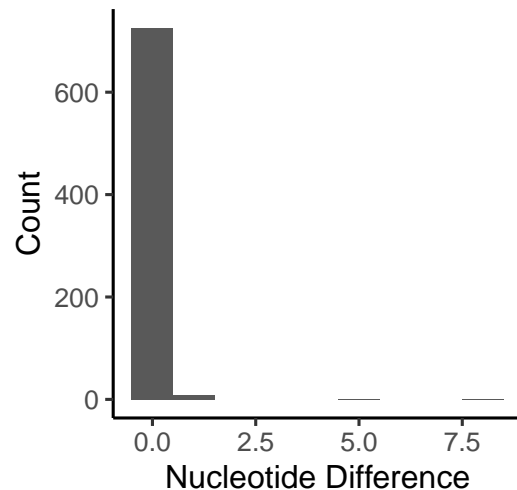
TRBV11-2*ap01

5229 sequences assigned
5207 (99.6%) exact matches, in which:
5188 unique CDR3
13 unique J



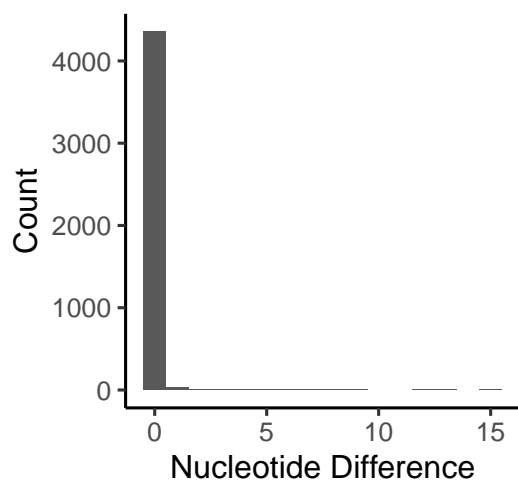
TRBV12-2*ap01

736 sequences assigned
726 (98.6%) exact matches, in which:
722 unique CDR3
13 unique J



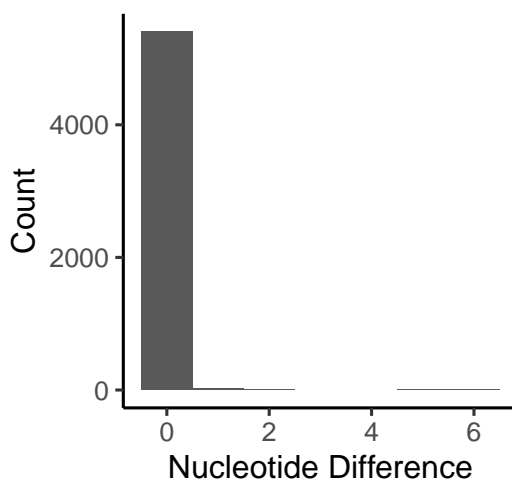
TRBV21-1*ap01

4418 sequences assigned
4355 (98.6%) exact matches, in which:
4348 unique CDR3
13 unique J



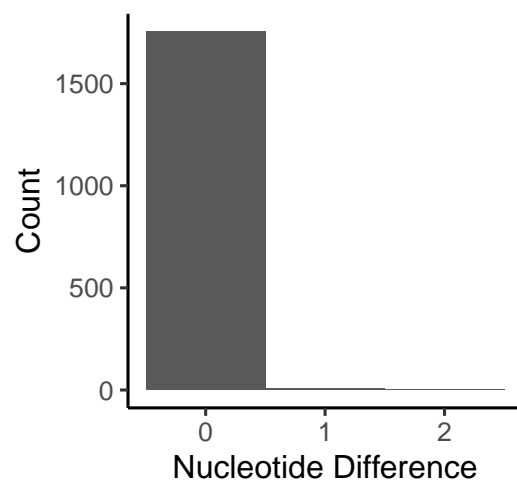
TRBV11-3*ap01

5431 sequences assigned
5404 (99.5%) exact matches, in which:
5389 unique CDR3
13 unique J



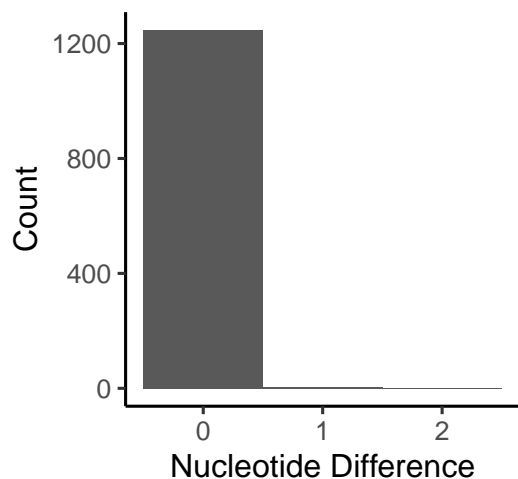
TRBV12-5*ap01

1762 sequences assigned
1754 (99.5%) exact matches, in which:
1739 unique CDR3
13 unique J



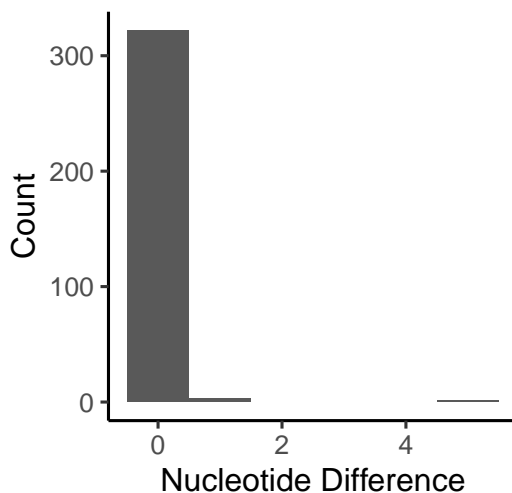
TRBV11-1*ap01

1252 sequences assigned
1247 (99.6%) exact matches, in which:
1246 unique CDR3
13 unique J



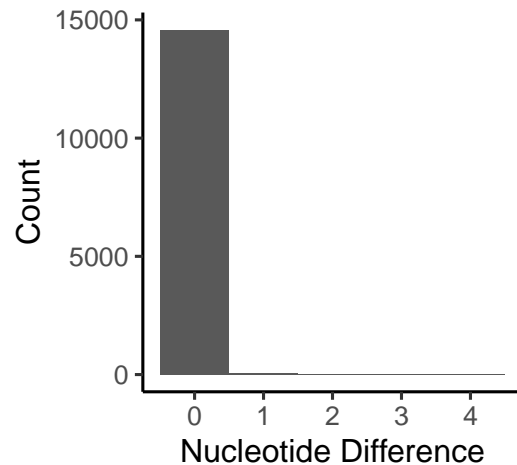
TRBV12-1*ap01

326 sequences assigned
322 (98.8%) exact matches, in which:
322 unique CDR3
12 unique J



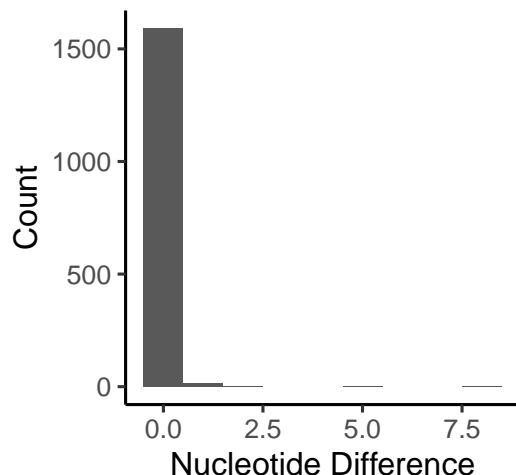
TRBV12-34*ap01

14669 sequences assigned
14581 (99.4%) exact matches, in which:
14483 unique CDR3
13 unique J



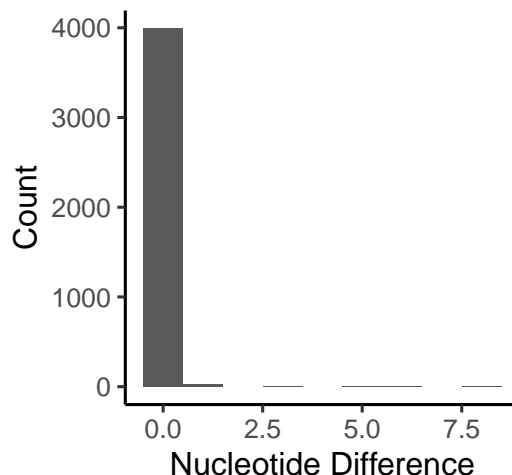
TRBV23-1*ap01

1609 sequences assigned
1591 (98.9%) exact matches, in which:
1586 unique CDR3
12 unique J



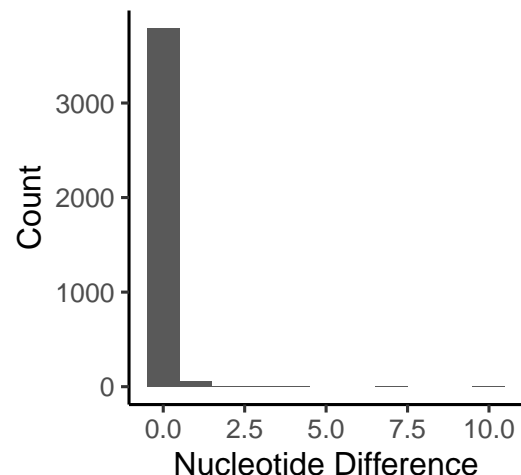
TRBV4-1*ap01

4025 sequences assigned
3993 (99.2%) exact matches, in which:
3965 unique CDR3
13 unique J



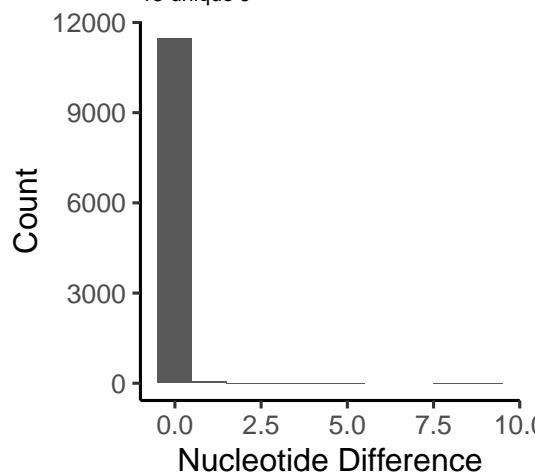
TRBV25-1*ap01

3852 sequences assigned
3789 (98.4%) exact matches, in which:
3737 unique CDR3
13 unique J



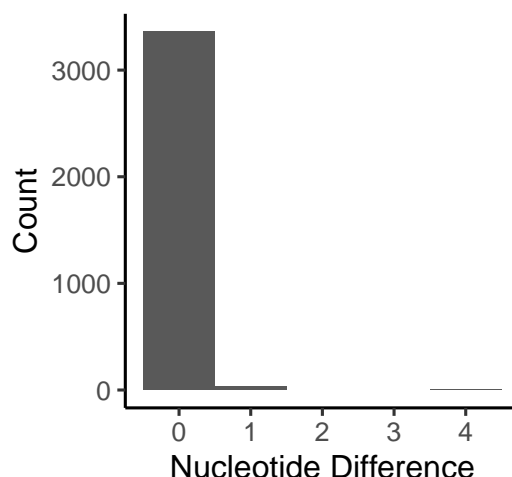
TRBV3-12*ap01

11526 sequences assigned
11468 (99.5%) exact matches, in which:
11435 unique CDR3
13 unique J



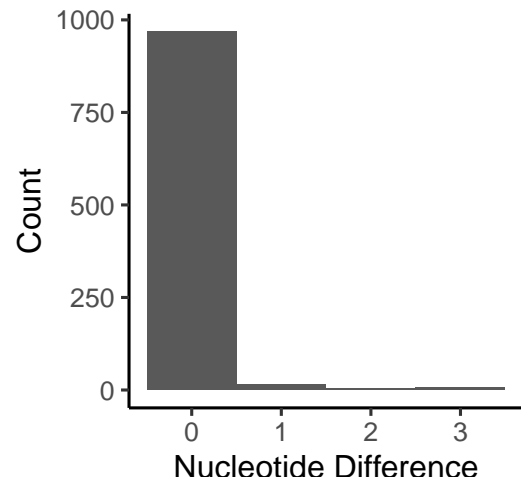
TRBV4-2*ap01

3395 sequences assigned
3360 (99%) exact matches, in which:
3338 unique CDR3
13 unique J



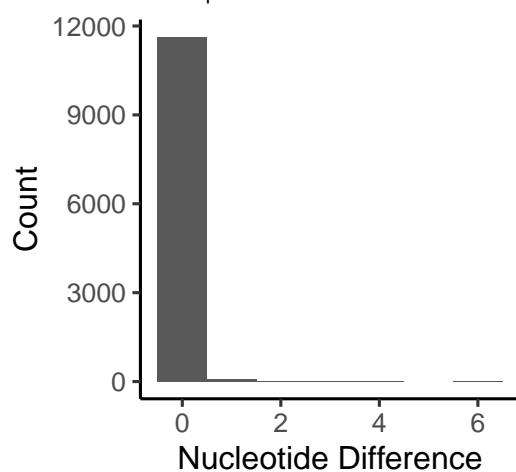
TRBV5-3*ap01

992 sequences assigned
968 (97.6%) exact matches, in which:
962 unique CDR3
13 unique J



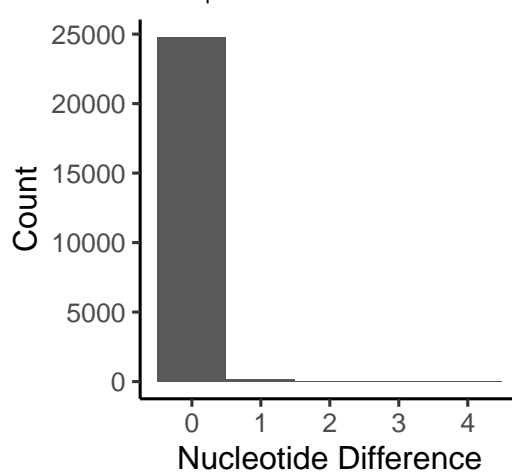
TRBV24-1*ap01

11743 sequences assigned
11636 (99.1%) exact matches, in which:
11545 unique CDR3
13 unique J



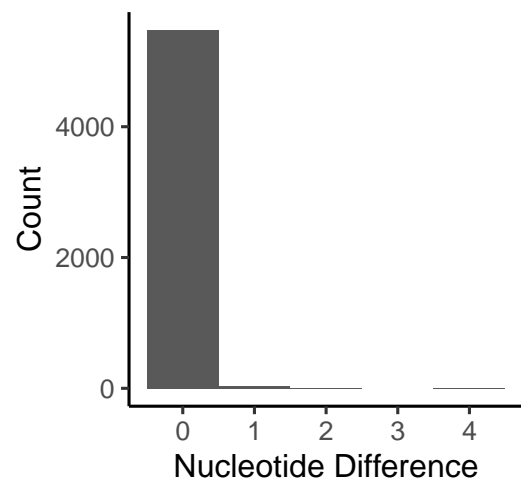
TRBV5-1*ap01

24996 sequences assigned
24808 (99.2%) exact matches, in which:
24666 unique CDR3
13 unique J



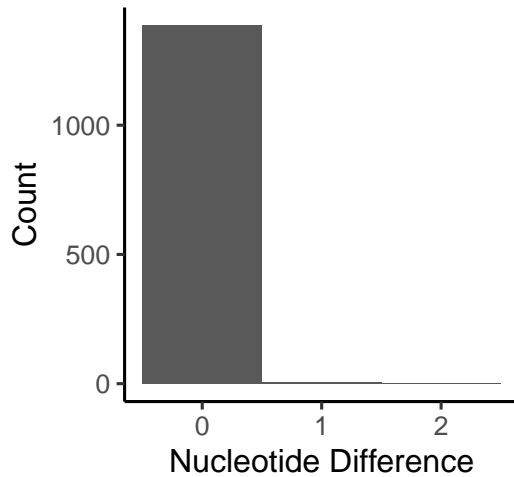
TRBV5-4*ap01

5520 sequences assigned
5478 (99.2%) exact matches, in which:
5443 unique CDR3
13 unique J



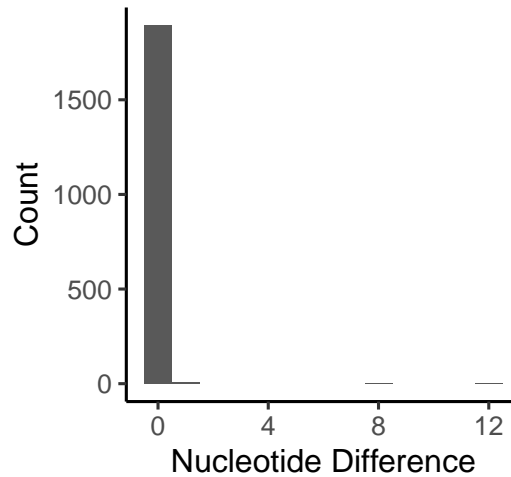
TRBV5-5*ap01

1392 sequences assigned
1386 (99.6%) exact matches, in which:
1383 unique CDR3
13 unique J



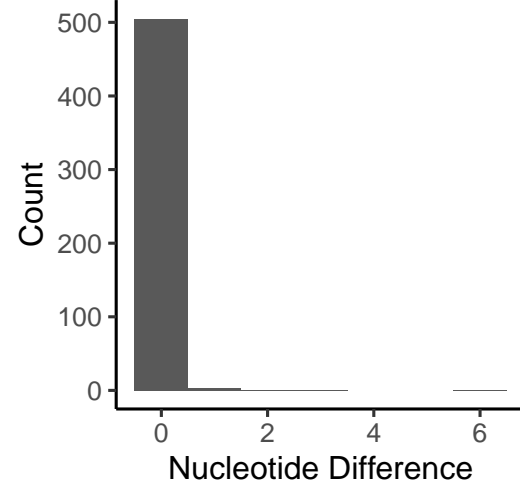
TRBV5-8*ap01

1904 sequences assigned
1893 (99.4%) exact matches, in which:
1881 unique CDR3
13 unique J



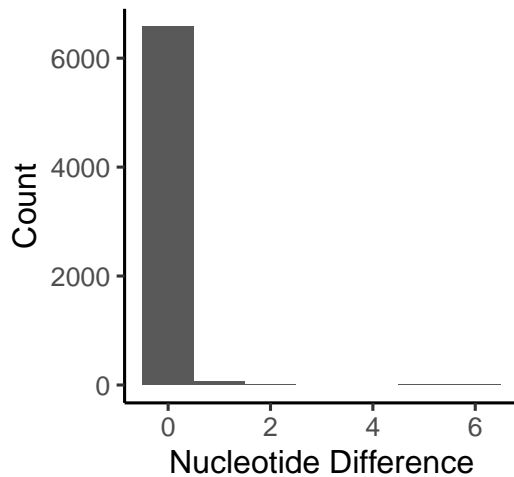
TRBV6-7*ap01

511 sequences assigned
505 (98.8%) exact matches, in which:
499 unique CDR3
13 unique J



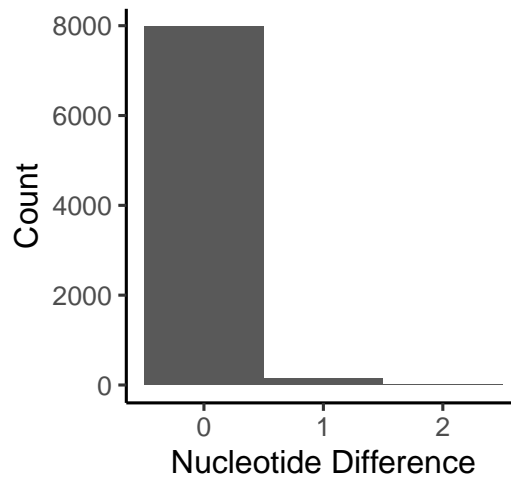
TRBV5-6*ap01

6650 sequences assigned
6577 (98.9%) exact matches, in which:
6510 unique CDR3
13 unique J



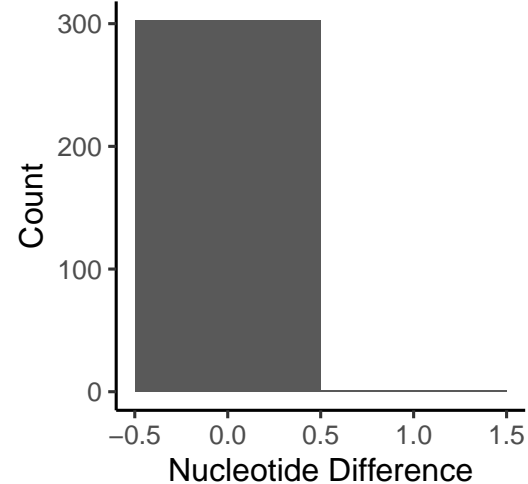
TRBV6-1*ap01

8130 sequences assigned
7977 (98.1%) exact matches, in which:
7898 unique CDR3
14 unique J



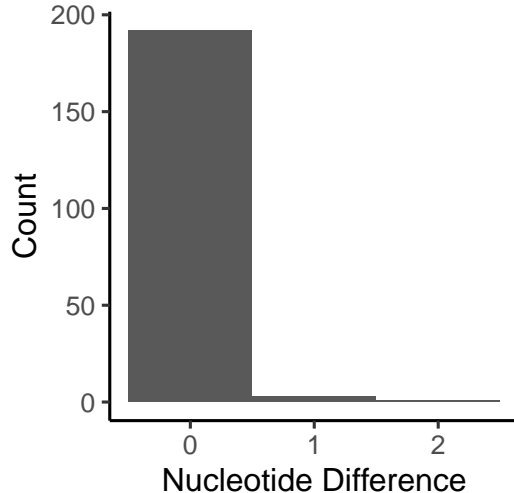
TRBV6-8*ap01

304 sequences assigned
303 (99.7%) exact matches, in which:
299 unique CDR3
13 unique J



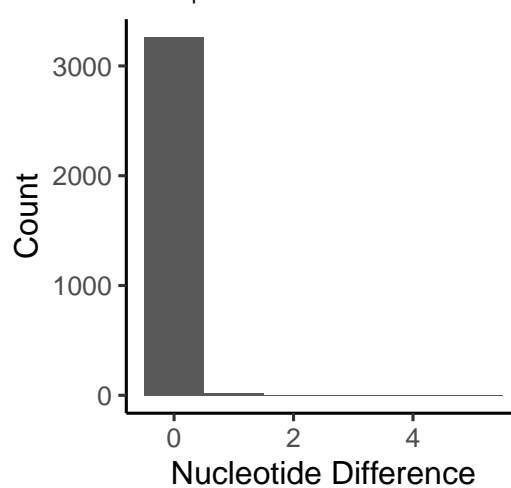
TRBV5-7*ap01

196 sequences assigned
192 (98%) exact matches, in which:
184 unique CDR3
12 unique J



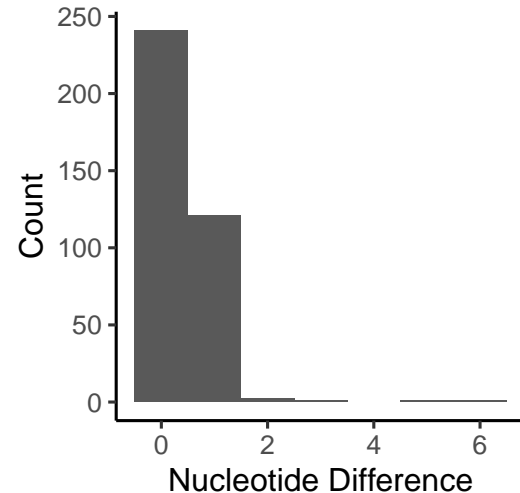
TRBV6-4*ap01

3296 sequences assigned
3263 (99%) exact matches, in which:
3249 unique CDR3
13 unique J



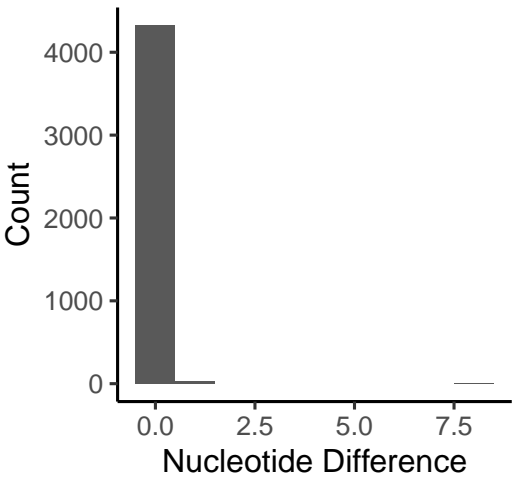
TRBV6-9*ap01

367 sequences assigned
241 (65.7%) exact matches, in which:
237 unique CDR3
13 unique J



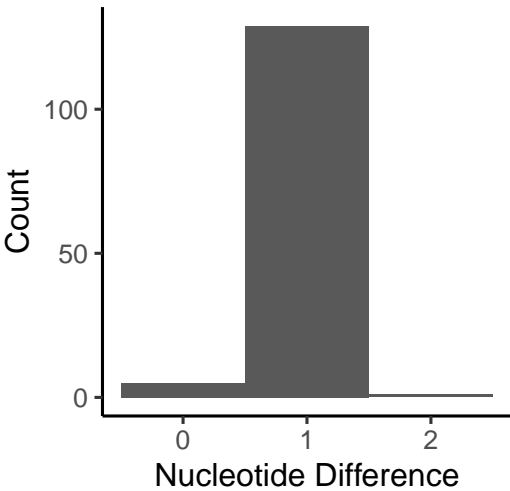
TRBV6-23*ap01

4358 sequences assigned
4324 (99.2%) exact matches, in which:
4240 unique CDR3
13 unique J



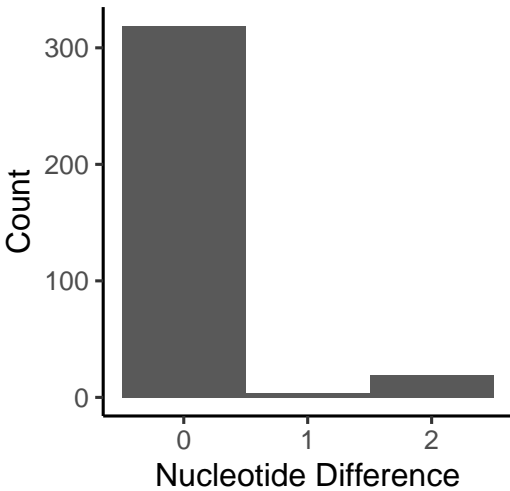
TRBV7-1*ap01_T296C

135 sequences assigned
5 (3.7%) exact matches, in which:
5 unique CDR3
4 unique J



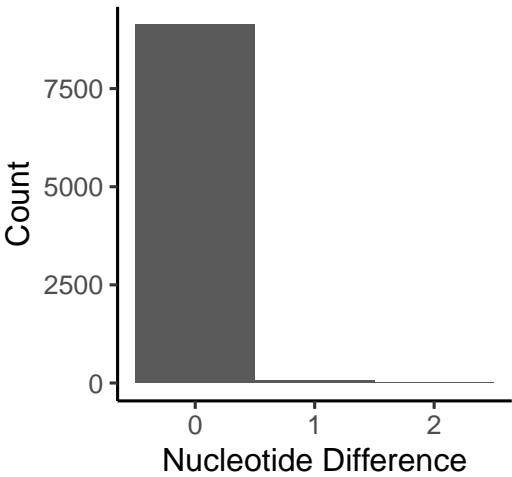
TRBV7-4*ap01

342 sequences assigned
319 (93.3%) exact matches, in which:
318 unique CDR3
13 unique J



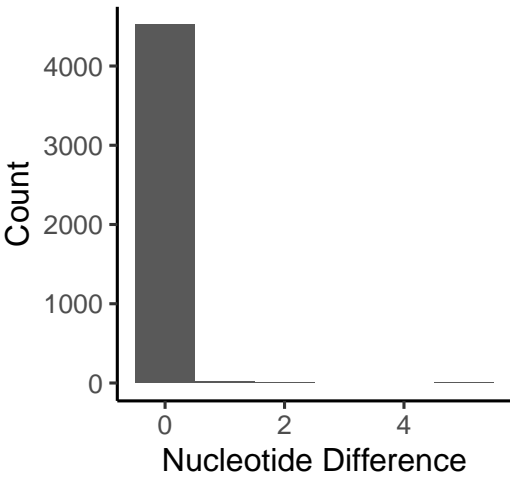
TRBV6-56*ap01

9198 sequences assigned
9127 (99.2%) exact matches, in which:
9011 unique CDR3
13 unique J



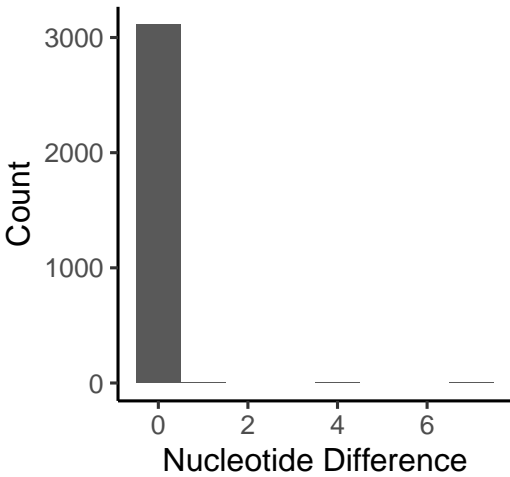
TRBV7-2*ap01

4542 sequences assigned
4521 (99.5%) exact matches, in which:
4504 unique CDR3
13 unique J



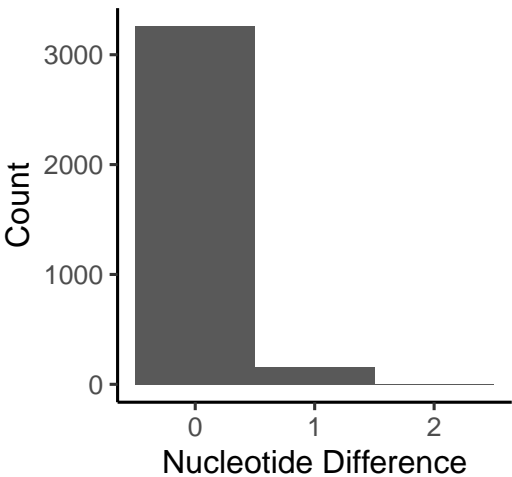
TRBV7-6*ap01

3121 sequences assigned
3111 (99.7%) exact matches, in which:
3092 unique CDR3
13 unique J



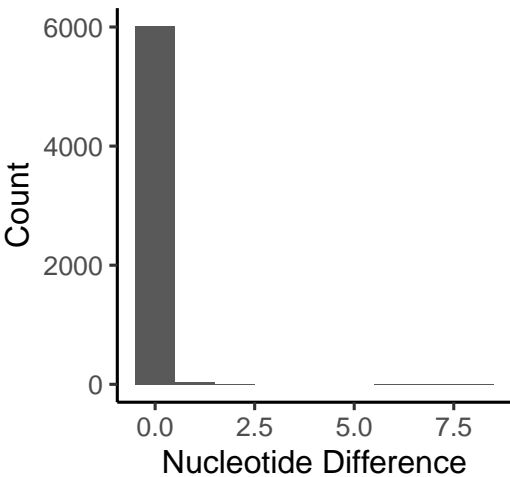
TRBV6-56*ap02

3417 sequences assigned
3261 (95.4%) exact matches, in which:
3222 unique CDR3
13 unique J



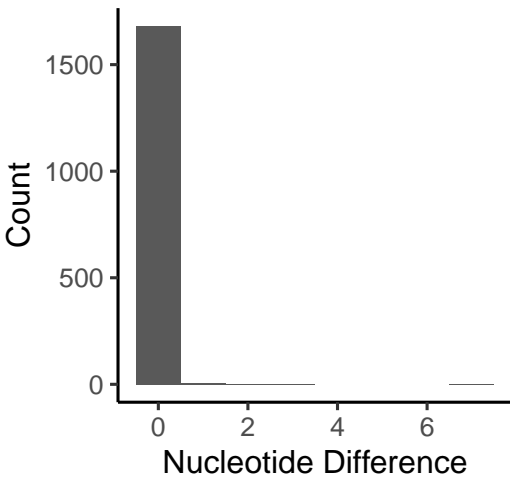
TRBV7-3*ap01

6061 sequences assigned
6016 (99.3%) exact matches, in which:
6001 unique CDR3
13 unique J



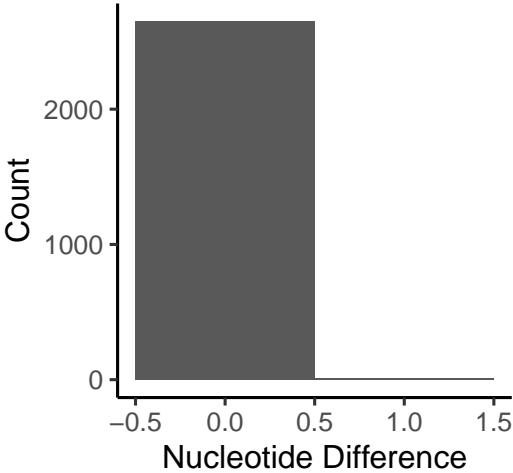
TRBV7-7*ap01_C315T

1690 sequences assigned
1681 (99.5%) exact matches, in which:
1675 unique CDR3
13 unique J



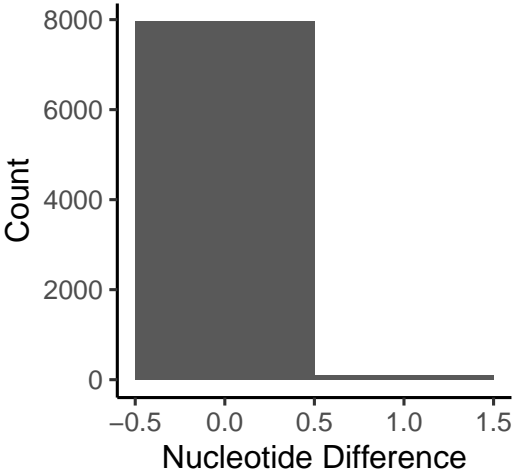
TRBV7-8*ap01

2659 sequences assigned
2649 (99.6%) exact matches, in which:
2633 unique CDR3
13 unique J



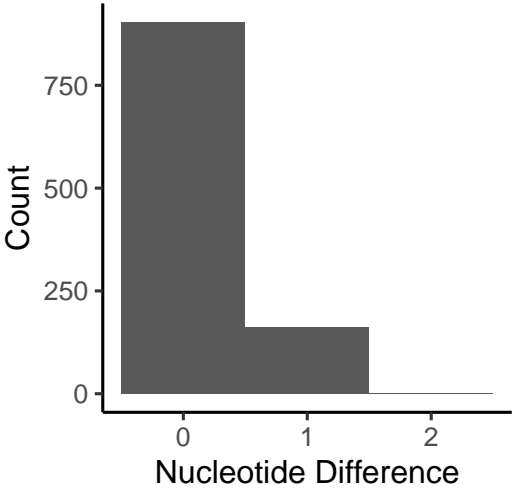
TRBV29-1*ap01

8057 sequences assigned
7960 (98.8%) exact matches, in which:
7853 unique CDR3
13 unique J



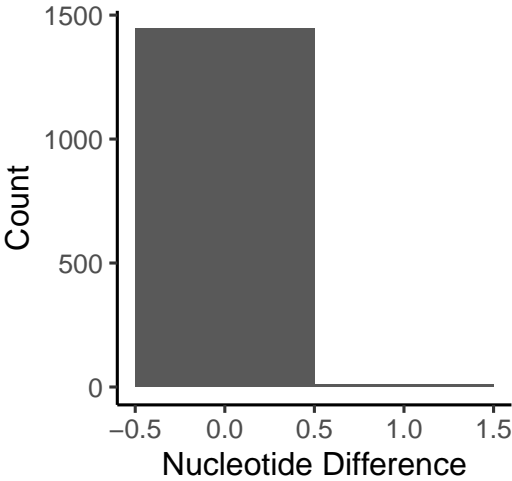
TRBV7-8*ap03

1068 sequences assigned
904 (84.6%) exact matches, in which:
894 unique CDR3
13 unique J



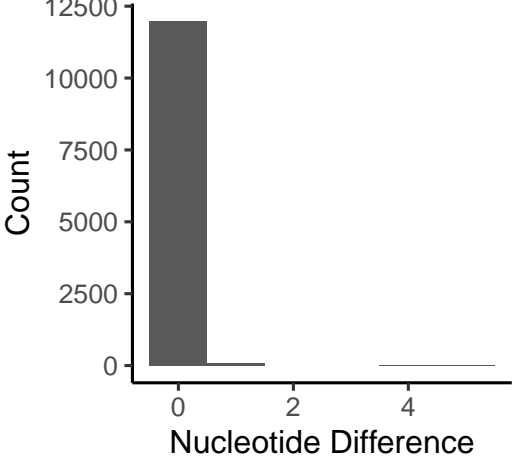
TRBV29-1*ap02

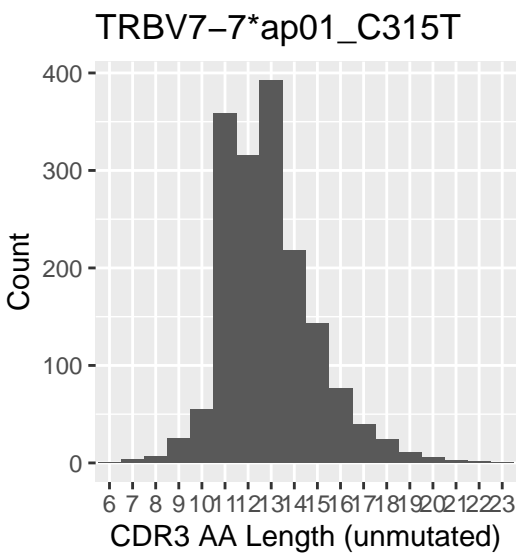
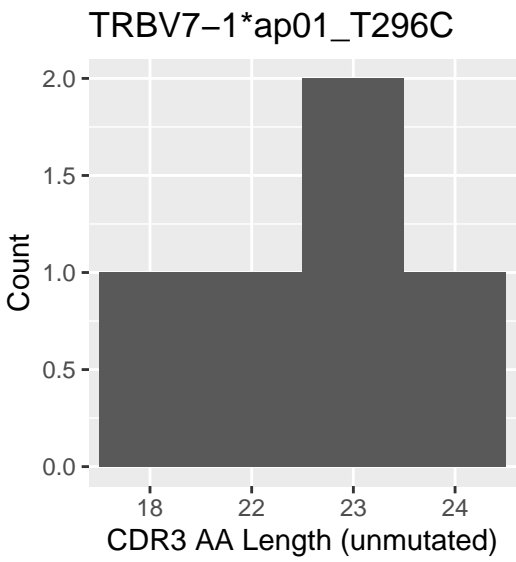
1457 sequences assigned
1445 (99.2%) exact matches, in which:
1428 unique CDR3
13 unique J



TRBV7-9*ap01

12068 sequences assigned
11992 (99.4%) exact matches, in which:
11933 unique CDR3
13 unique J







Warning – no inferred sequences found.

Warning – no inferred sequences found.