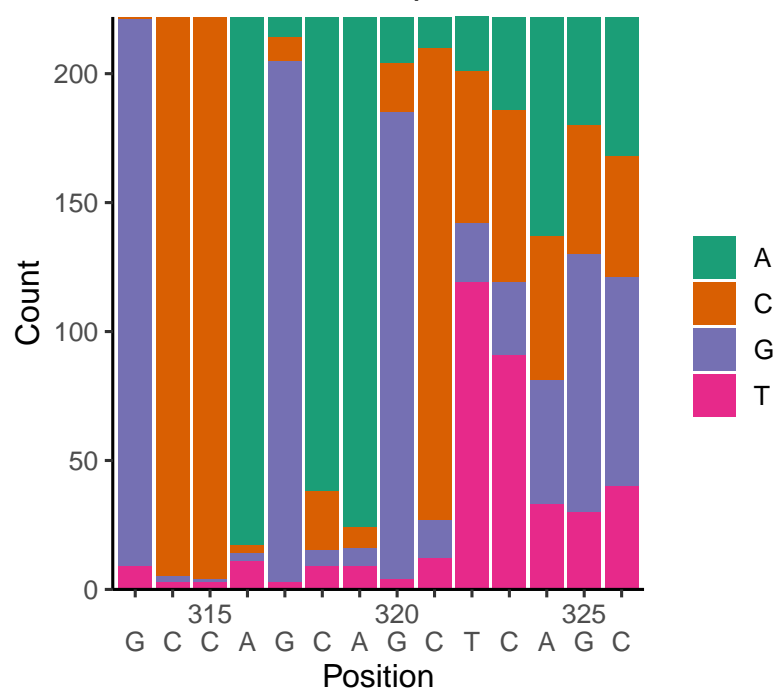
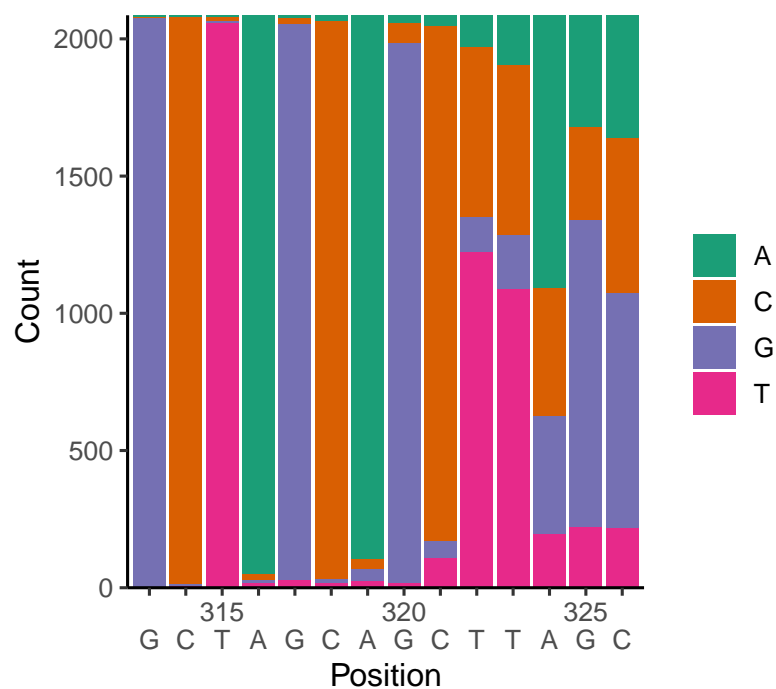


Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



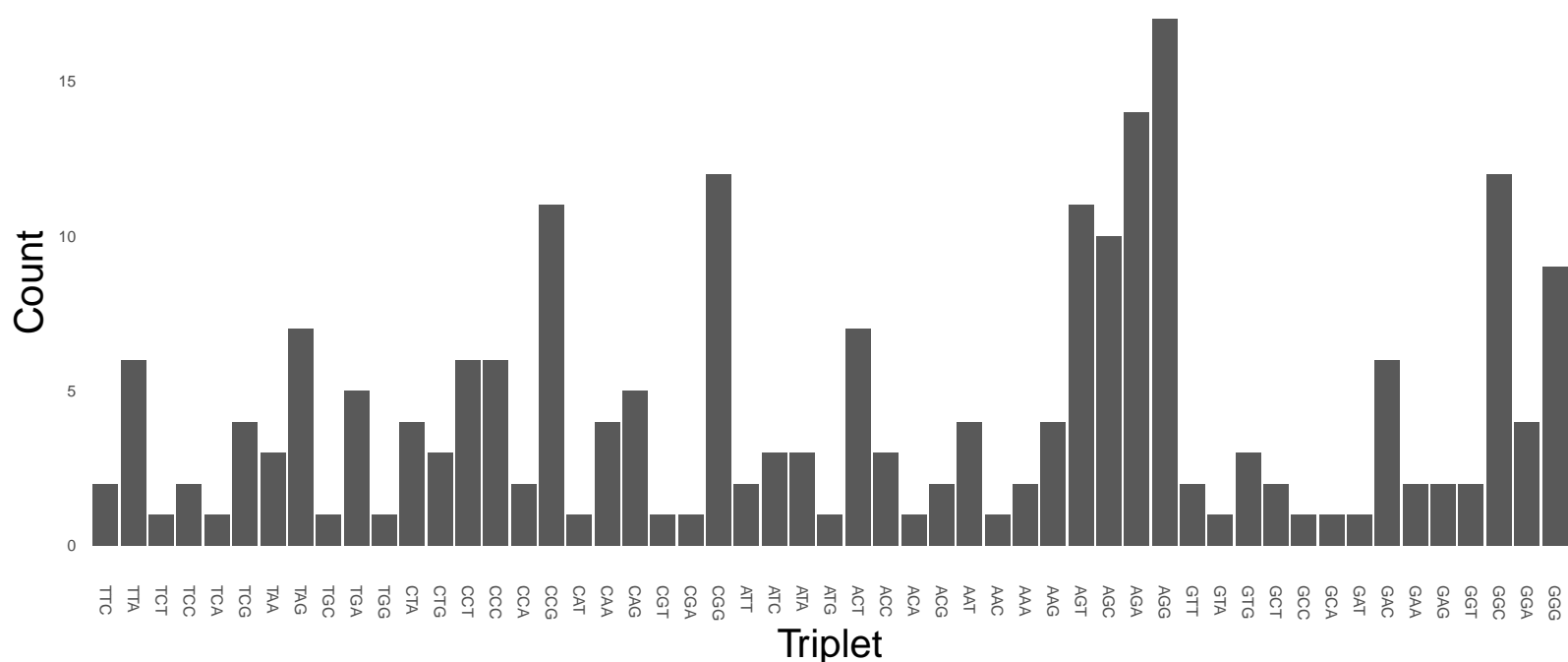
Gene TRBV7-1*ap01_G291C_T296C



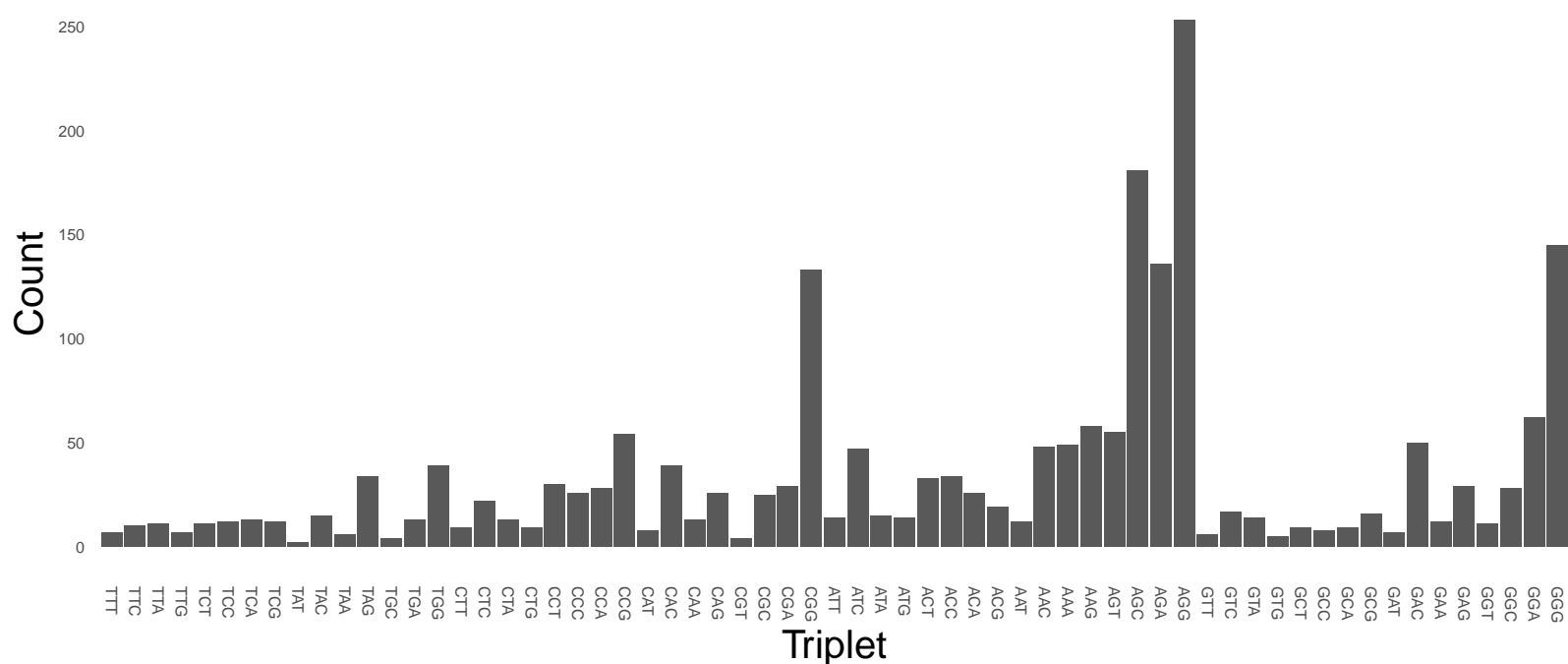
Gene TRBV7-7*ap01_C315T



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

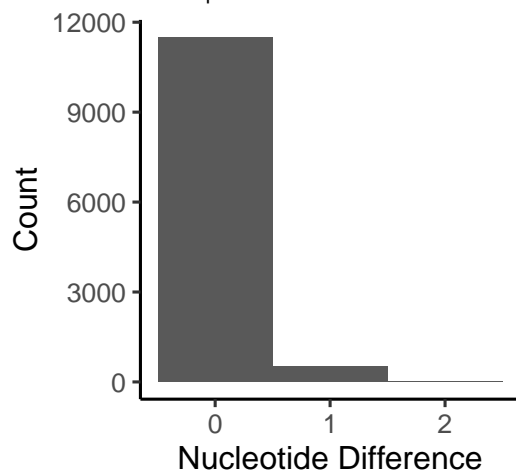


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



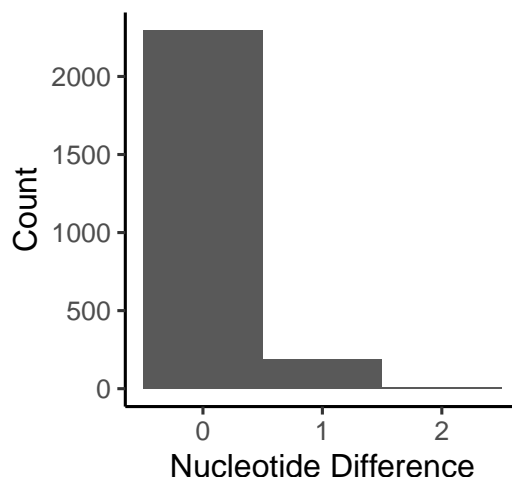
TRBV20-1*ap01

12059 sequences assigned
11502 (95.4%) exact matches, in which:
11199 unique CDR3
13 unique J



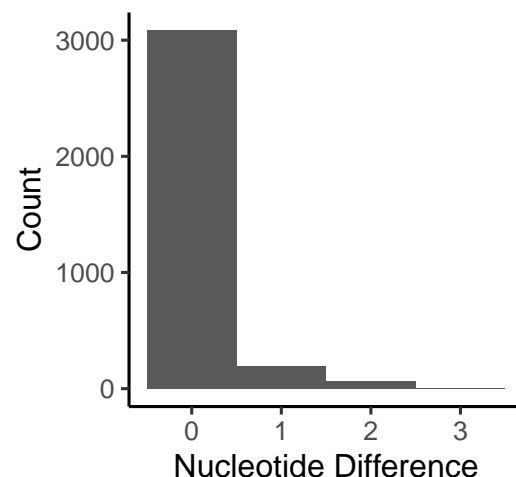
TRBV10-2*ap01

2495 sequences assigned
2295 (92%) exact matches, in which:
2206 unique CDR3
13 unique J



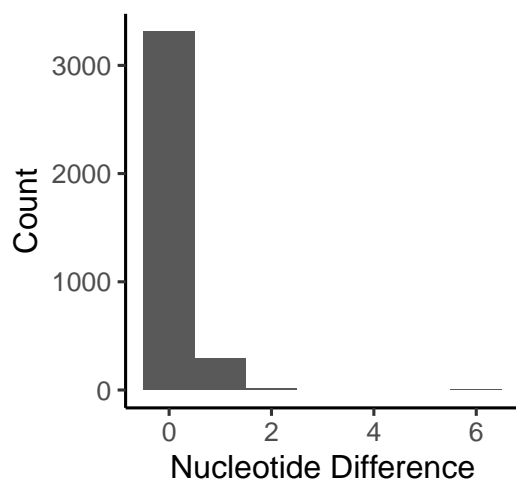
TRBV13*ap01

3346 sequences assigned
3084 (92.2%) exact matches, in which:
2964 unique CDR3
13 unique J



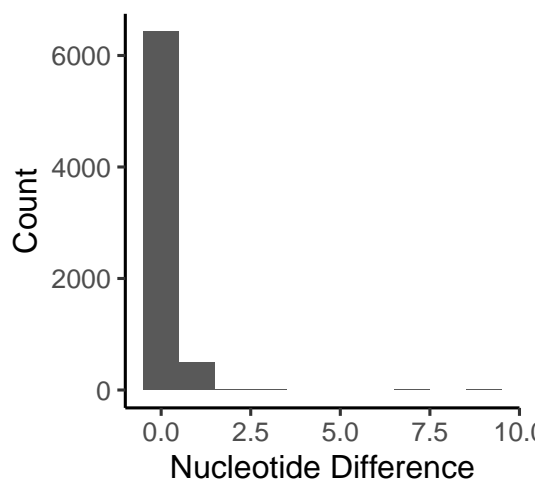
TRBV10-1*ap01

3613 sequences assigned
3311 (91.6%) exact matches, in which:
3215 unique CDR3
13 unique J



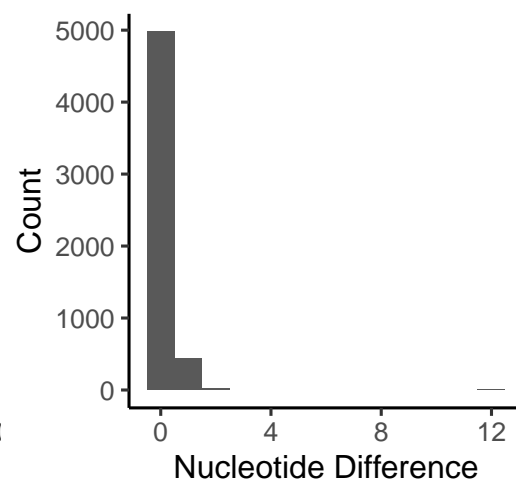
TRBV10-3*ap01

6932 sequences assigned
6426 (92.7%) exact matches, in which:
6186 unique CDR3
13 unique J



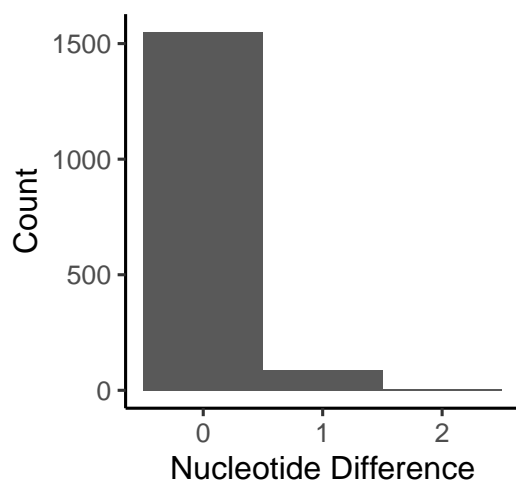
TRBV14*ap01

5431 sequences assigned
4978 (91.7%) exact matches, in which:
4775 unique CDR3
13 unique J



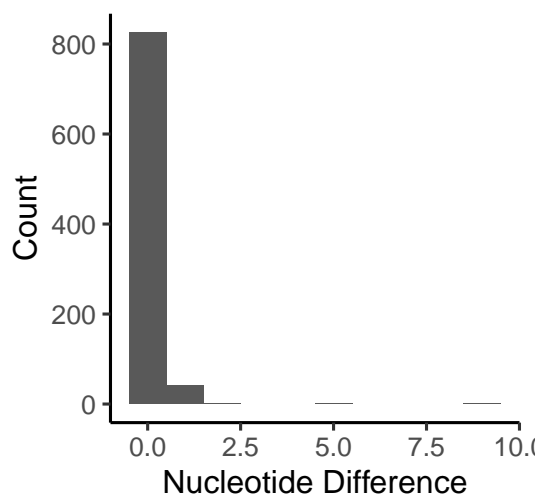
TRBV20-1*ap02

1645 sequences assigned
1550 (94.2%) exact matches, in which:
1514 unique CDR3
13 unique J



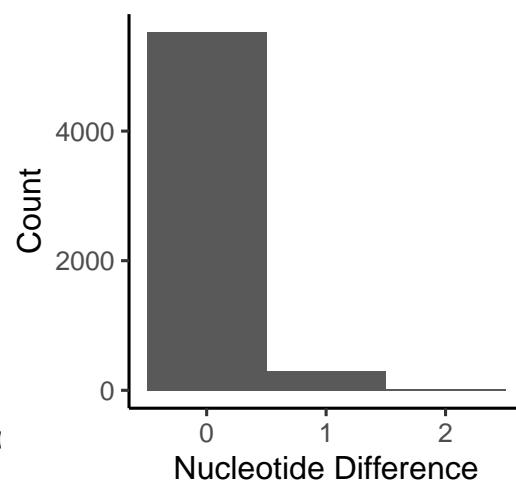
TRBV1*ap01

871 sequences assigned
826 (94.8%) exact matches, in which:
803 unique CDR3
13 unique J



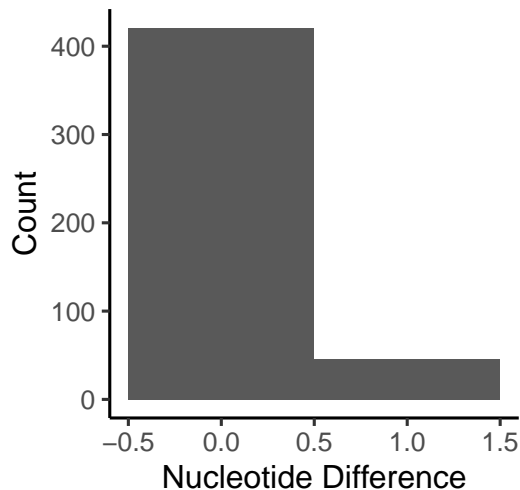
TRBV15*ap02

5850 sequences assigned
5528 (94.5%) exact matches, in which:
5303 unique CDR3
13 unique J



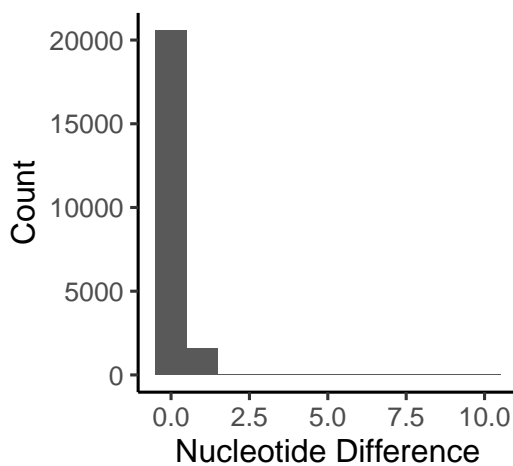
TRBV16*ap01

467 sequences assigned
421 (90.1%) exact matches, in which:
403 unique CDR3
13 unique J



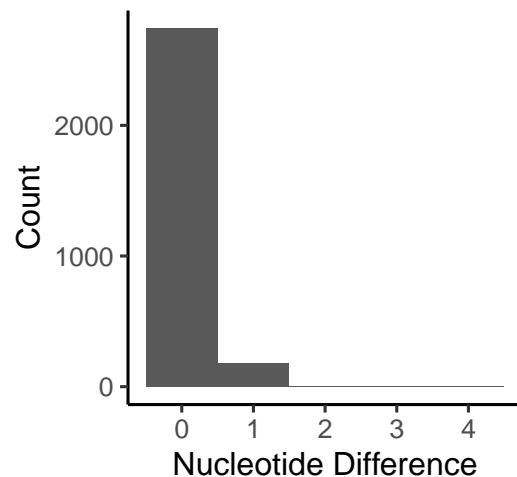
TRBV19*ap01

22239 sequences assigned
20591 (92.6%) exact matches, in which:
19832 unique CDR3
13 unique J



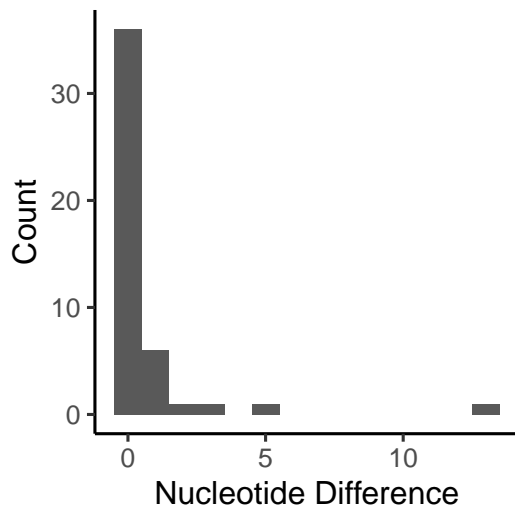
TRBV28*ap01

2934 sequences assigned
2742 (93.5%) exact matches, in which:
2620 unique CDR3
13 unique J



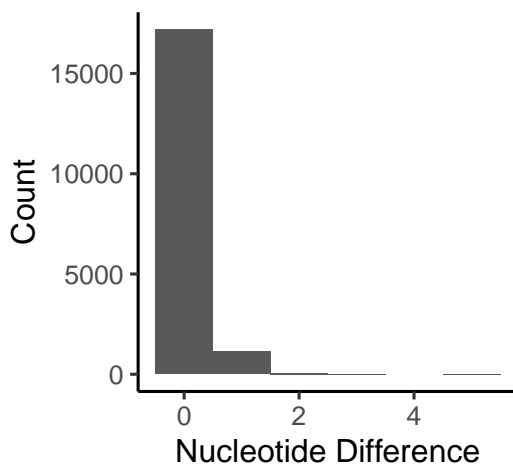
TRBV17*ap01

46 sequences assigned
36 (78.3%) exact matches, in which:
35 unique CDR3
10 unique J



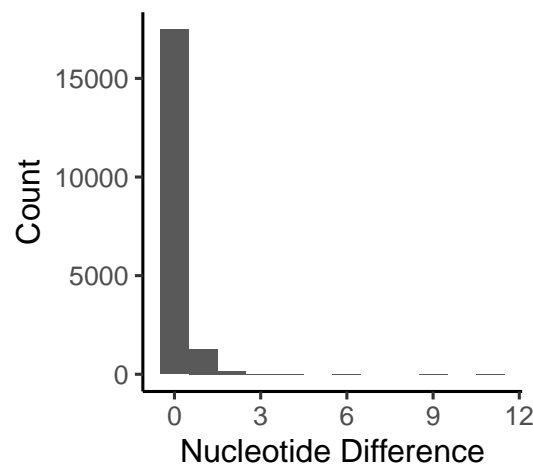
TRBV2*ap01

18389 sequences assigned
17195 (93.5%) exact matches, in which:
16677 unique CDR3
13 unique J



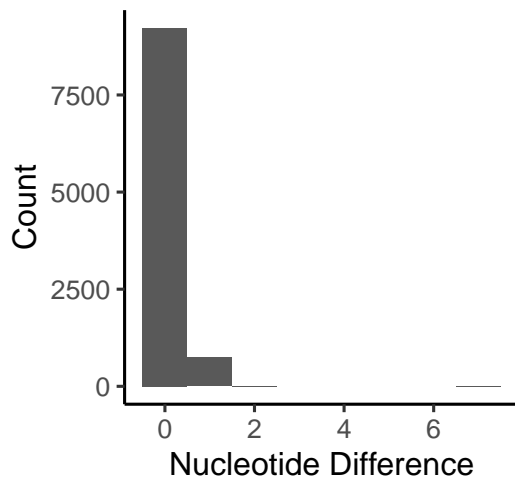
TRBV30*ap01

18942 sequences assigned
17482 (92.3%) exact matches, in which:
17187 unique CDR3
13 unique J



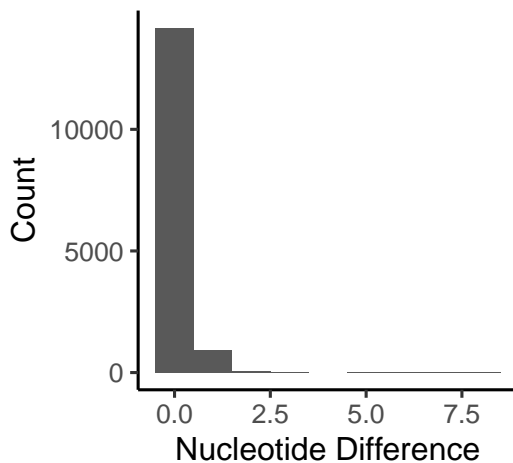
TRBV18*ap01

9970 sequences assigned
9222 (92.5%) exact matches, in which:
8830 unique CDR3
13 unique J



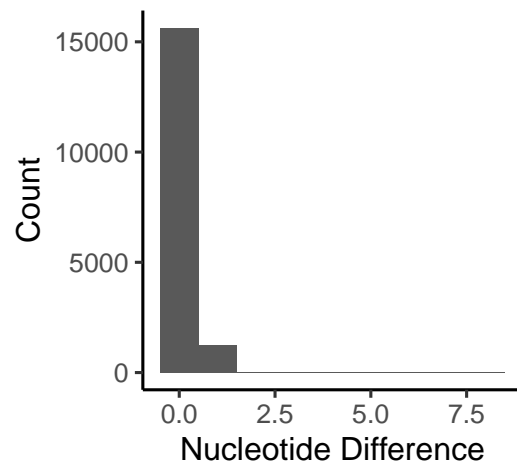
TRBV27*ap01

15158 sequences assigned
14175 (93.5%) exact matches, in which:
13557 unique CDR3
13 unique J



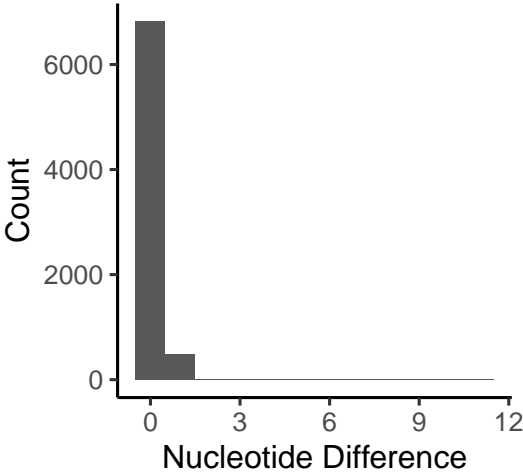
TRBV9*ap01

16953 sequences assigned
15636 (92.2%) exact matches, in which:
15006 unique CDR3
13 unique J



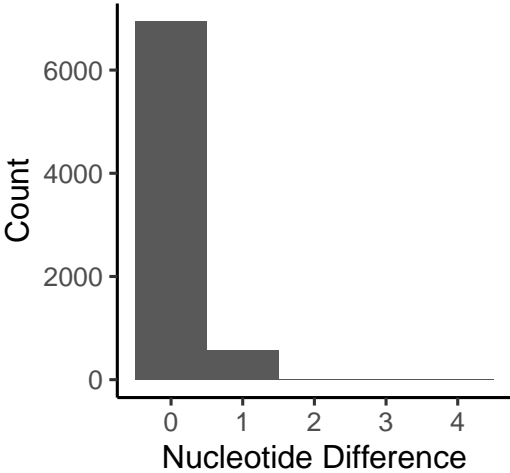
TRBV21-1*ap01

7368 sequences assigned
6821 (92.6%) exact matches, in which:
6510 unique CDR3
13 unique J



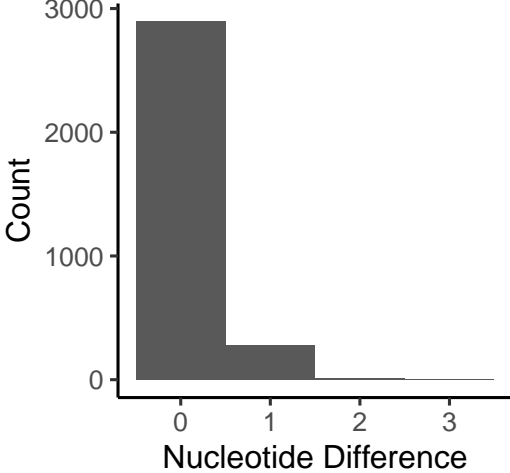
TRBV11-3*ap01

7529 sequences assigned
6943 (92.2%) exact matches, in which:
6663 unique CDR3
13 unique J



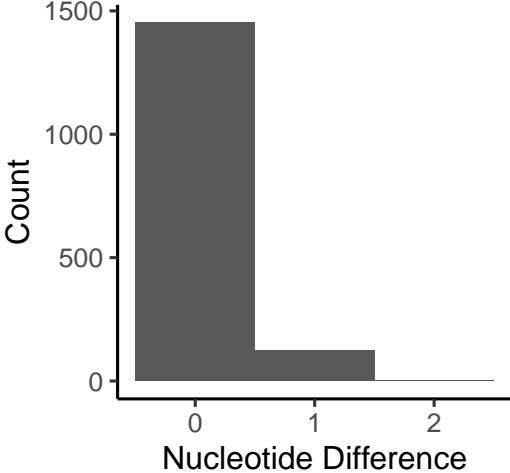
TRBV12-5*ap01

3188 sequences assigned
2896 (90.8%) exact matches, in which:
2789 unique CDR3
13 unique J



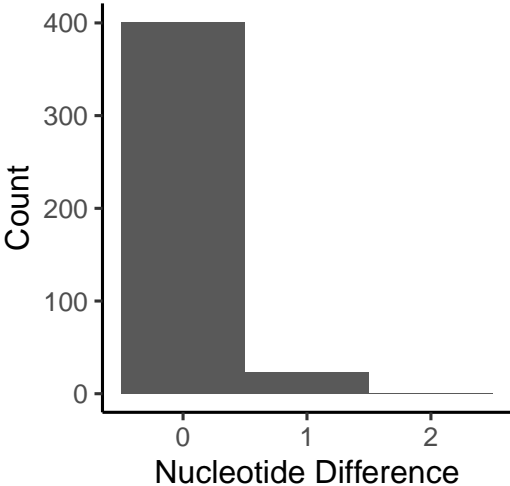
TRBV11-1*ap01

1578 sequences assigned
1452 (92%) exact matches, in which:
1396 unique CDR3
13 unique J



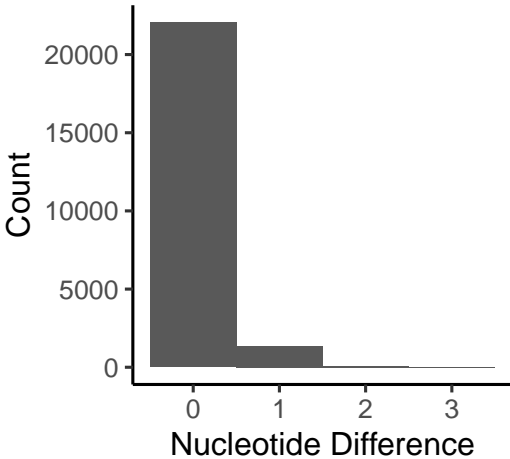
TRBV12-1*ap01

425 sequences assigned
401 (94.4%) exact matches, in which:
379 unique CDR3
13 unique J



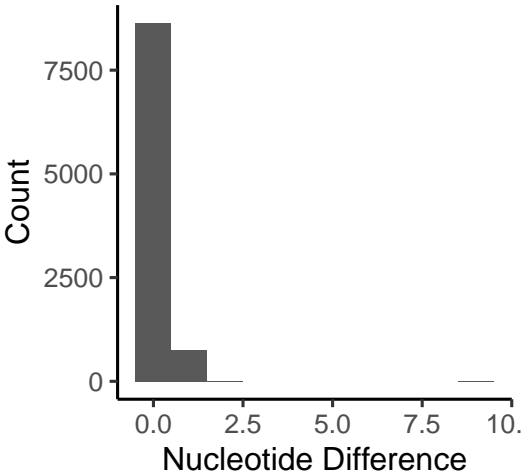
TRBV12-34*ap01

23501 sequences assigned
22053 (93.8%) exact matches, in which:
21307 unique CDR3
13 unique J



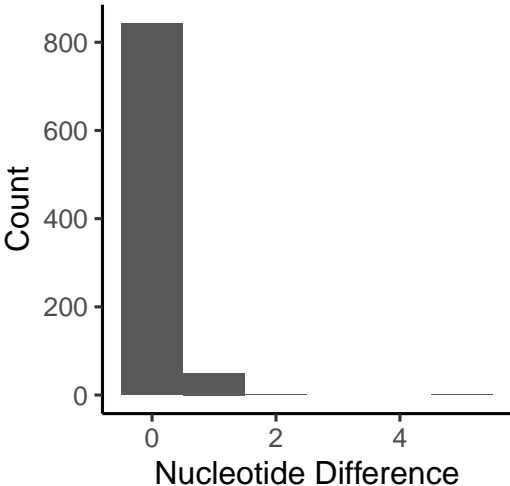
TRBV11-2*ap01

9399 sequences assigned
8636 (91.9%) exact matches, in which:
8250 unique CDR3
13 unique J



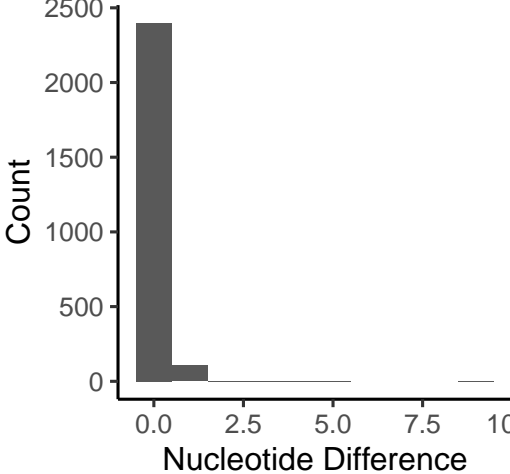
TRBV12-2*ap01

896 sequences assigned
843 (94.1%) exact matches, in which:
802 unique CDR3
13 unique J



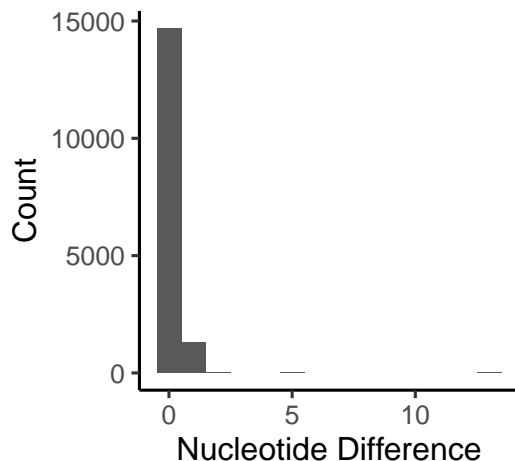
TRBV23-1*ap01

2510 sequences assigned
2398 (95.5%) exact matches, in which:
2334 unique CDR3
13 unique J



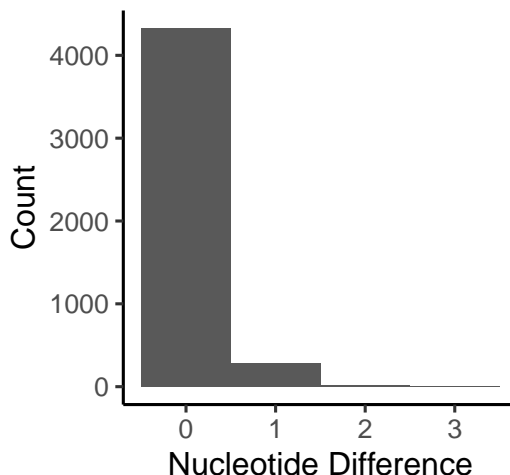
TRBV3-12*ap01

16004 sequences assigned
14696 (91.8%) exact matches, in which:
14100 unique CDR3
13 unique J



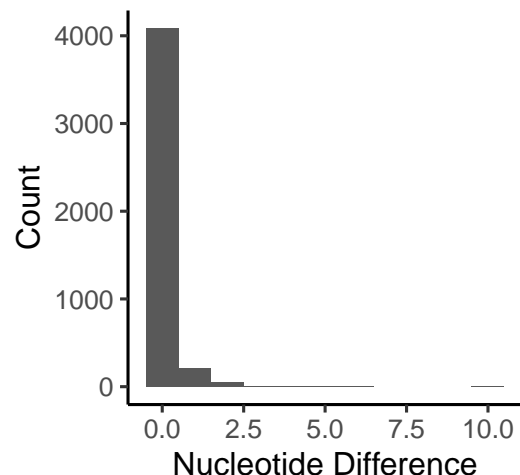
TRBV4-2*ap01

4624 sequences assigned
4325 (93.5%) exact matches, in which:
4163 unique CDR3
13 unique J



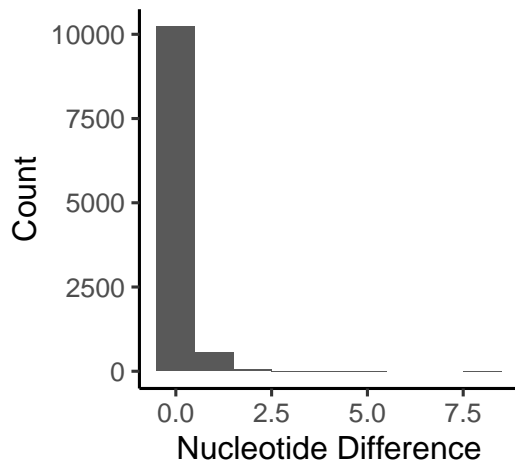
TRBV25-1*ap01

4362 sequences assigned
4084 (93.6%) exact matches, in which:
3971 unique CDR3
13 unique J



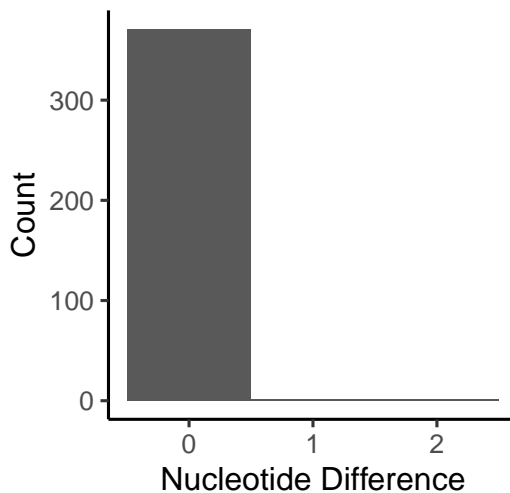
TRBV4-1*ap01

10858 sequences assigned
10232 (94.2%) exact matches, in which:
10001 unique CDR3
13 unique J



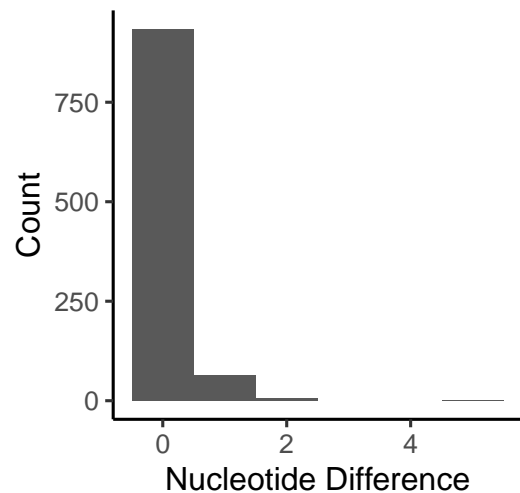
TRBV4-3*ap01

375 sequences assigned
371 (98.9%) exact matches, in which:
368 unique CDR3
13 unique J



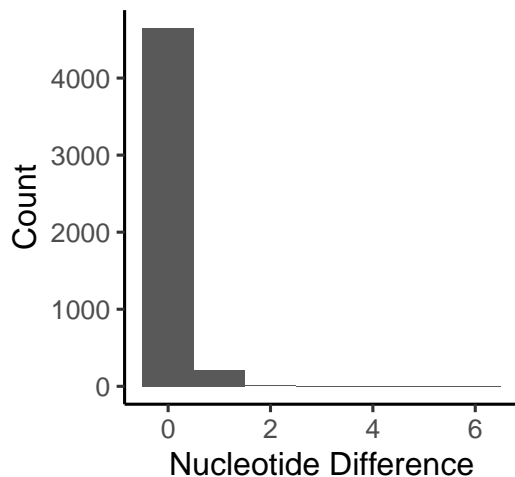
TRBV5-3*ap01

1006 sequences assigned
934 (92.8%) exact matches, in which:
885 unique CDR3
13 unique J



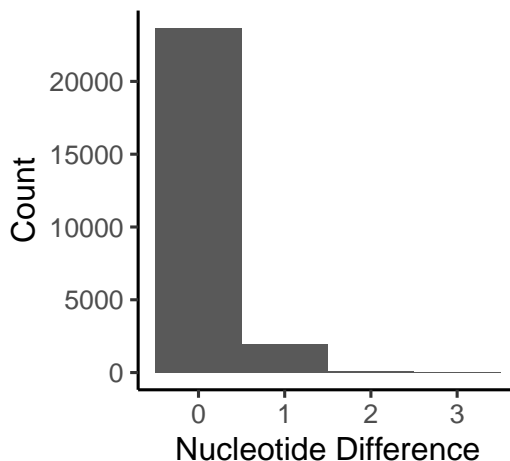
TRBV24-1*ap01

4878 sequences assigned
4649 (95.3%) exact matches, in which:
4515 unique CDR3
13 unique J



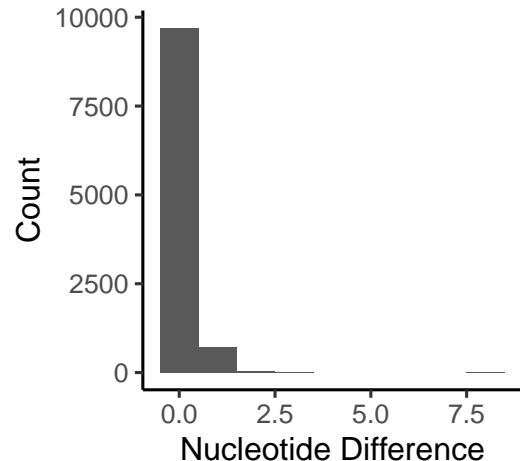
TRBV5-1*ap01

25679 sequences assigned
23683 (92.2%) exact matches, in which:
22910 unique CDR3
13 unique J



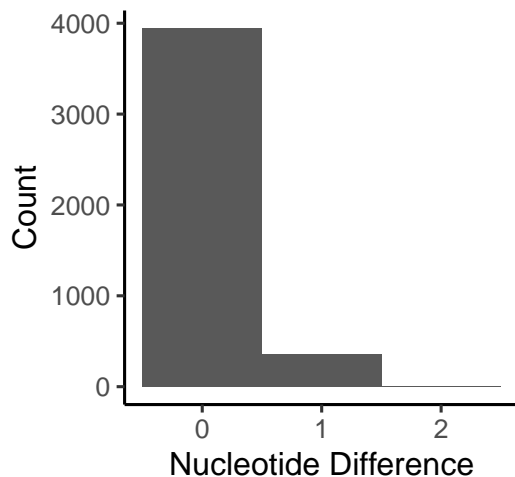
TRBV5-4*ap01

10444 sequences assigned
9703 (92.9%) exact matches, in which:
9370 unique CDR3
13 unique J



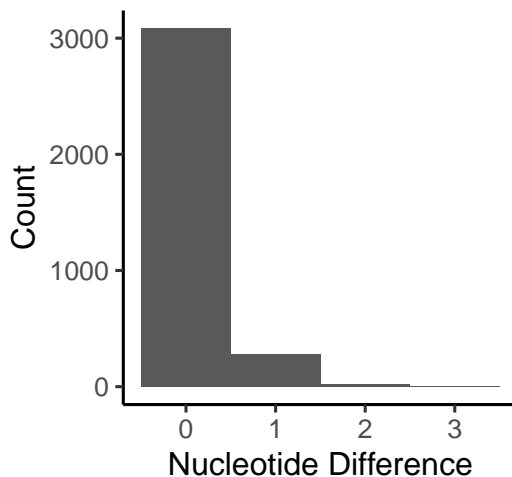
TRBV5-5*ap01

4305 sequences assigned
3943 (91.6%) exact matches, in which:
3732 unique CDR3
13 unique J



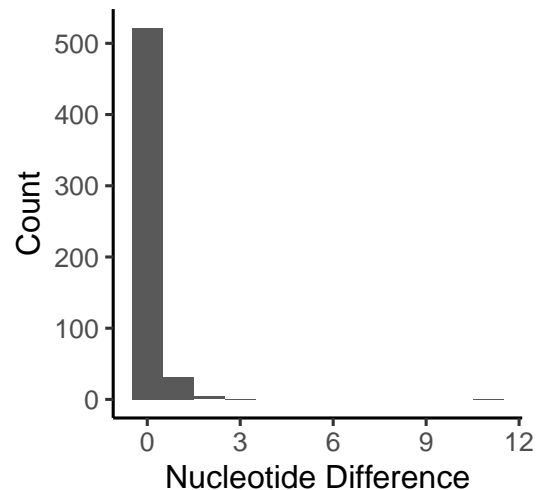
TRBV5-8*ap01

3388 sequences assigned
3084 (91%) exact matches, in which:
2974 unique CDR3
13 unique J



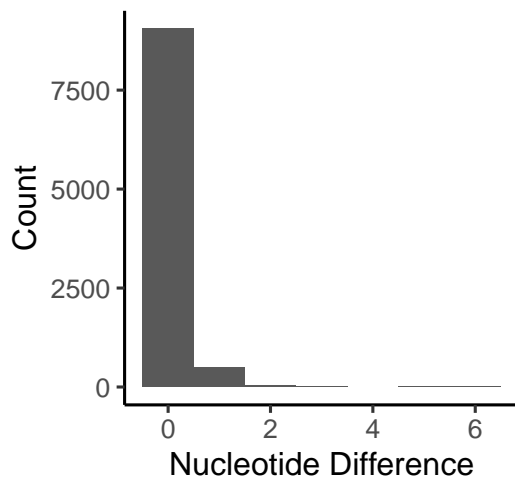
TRBV6-7*ap01

560 sequences assigned
522 (93.2%) exact matches, in which:
507 unique CDR3
13 unique J



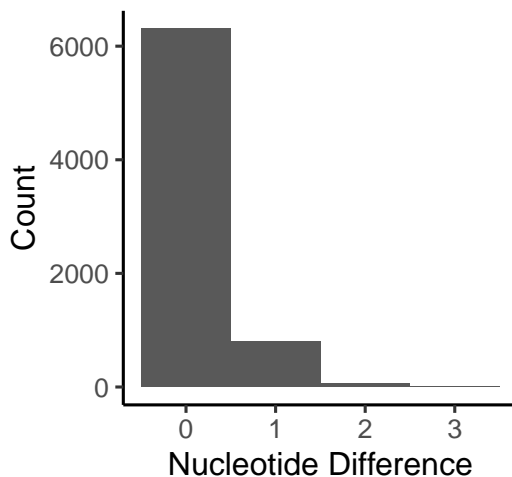
TRBV5-6*ap01

9590 sequences assigned
9051 (94.4%) exact matches, in which:
8584 unique CDR3
13 unique J



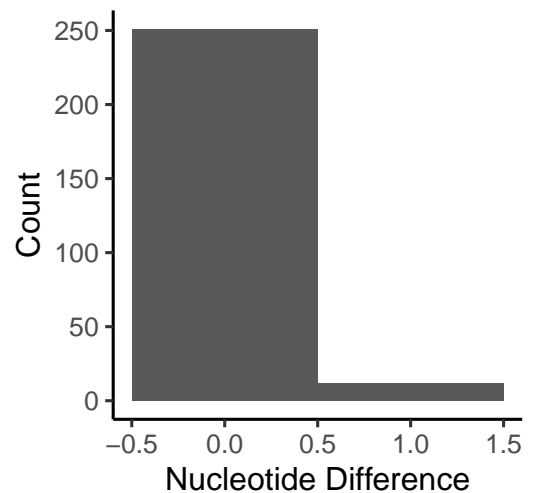
TRBV6-1*ap01

7180 sequences assigned
6307 (87.8%) exact matches, in which:
6040 unique CDR3
13 unique J



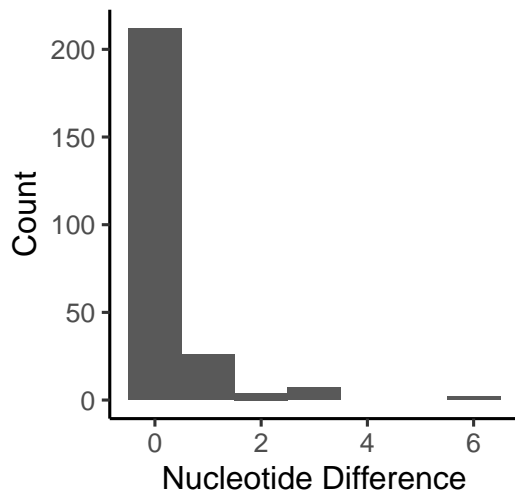
TRBV6-8*ap01

263 sequences assigned
251 (95.4%) exact matches, in which:
248 unique CDR3
13 unique J



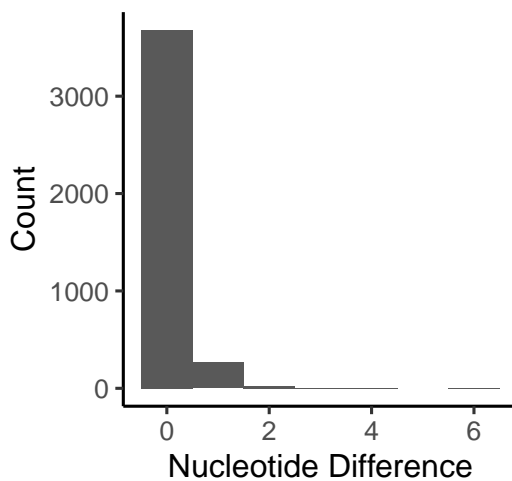
TRBV5-7*ap01

251 sequences assigned
212 (84.5%) exact matches, in which:
208 unique CDR3
12 unique J



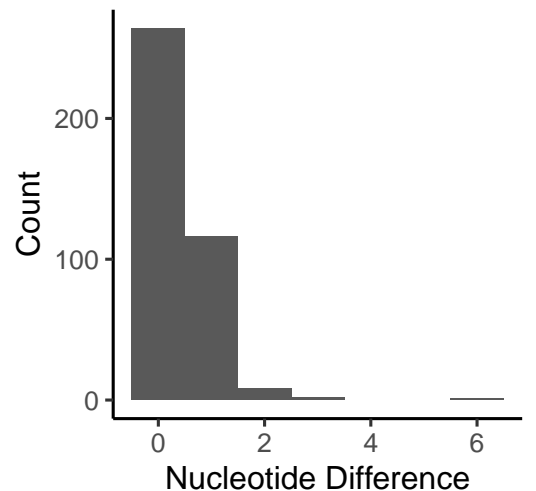
TRBV6-4*ap01

3969 sequences assigned
3679 (92.7%) exact matches, in which:
3539 unique CDR3
13 unique J



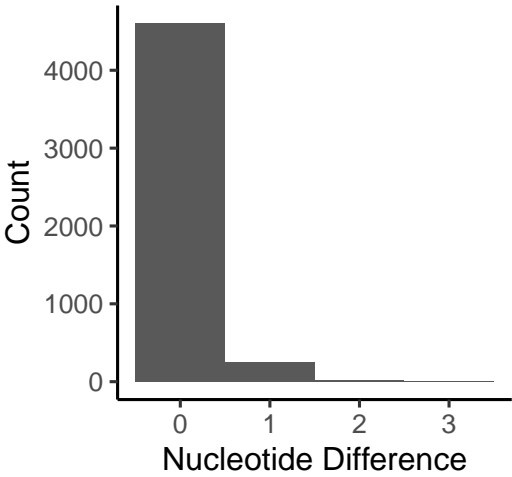
TRBV6-9*ap01

391 sequences assigned
264 (67.5%) exact matches, in which:
253 unique CDR3
13 unique J



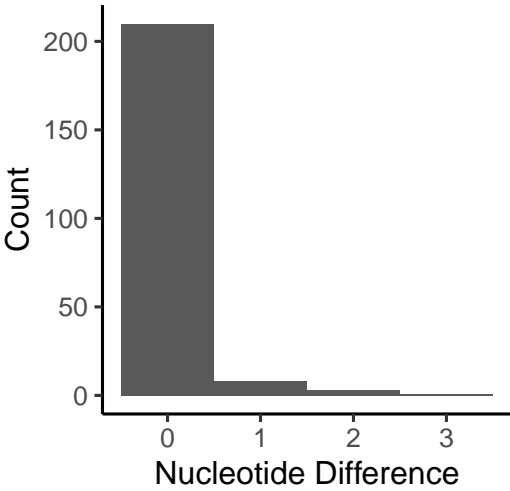
TRBV6-23*ap01

4876 sequences assigned
4602 (94.4%) exact matches, in which:
4476 unique CDR3
13 unique J



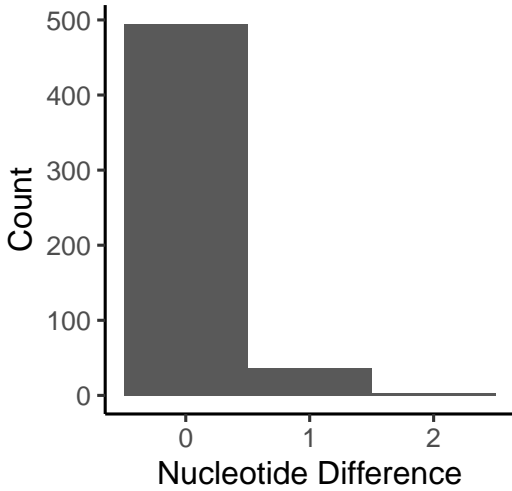
TRBV7-1*ap01_G291C_

222 sequences assigned
210 (94.6%) exact matches, in which:
201 unique CDR3
13 unique J



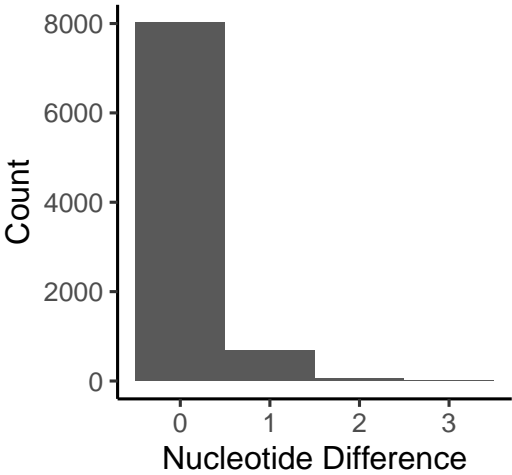
TRBV7-4*ap01

534 sequences assigned
495 (92.7%) exact matches, in which:
467 unique CDR3
13 unique J



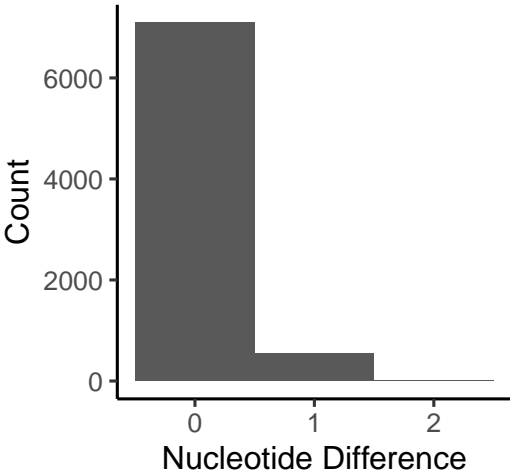
TRBV6-56*ap01

8763 sequences assigned
8018 (91.5%) exact matches, in which:
7682 unique CDR3
13 unique J



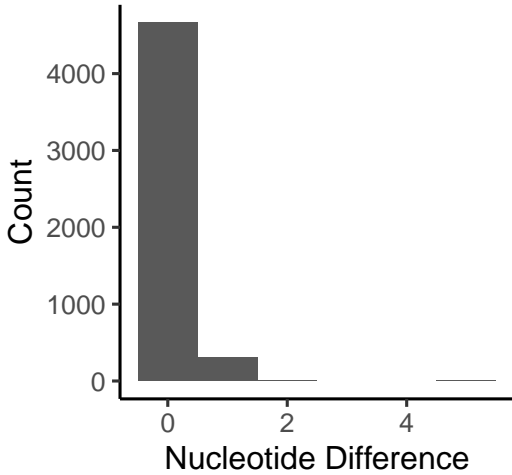
TRBV7-2*ap01

7646 sequences assigned
7093 (92.8%) exact matches, in which:
6806 unique CDR3
13 unique J



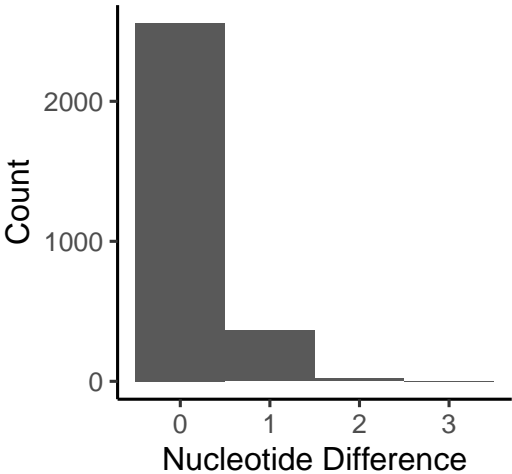
TRBV7-6*ap01

4974 sequences assigned
4662 (93.7%) exact matches, in which:
4456 unique CDR3
13 unique J



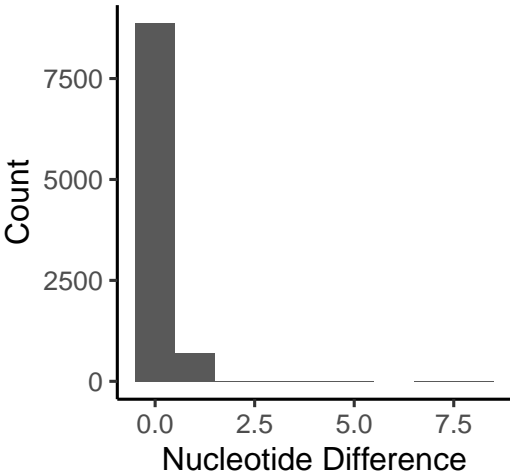
TRBV6-56*ap02

2946 sequences assigned
2559 (86.9%) exact matches, in which:
2460 unique CDR3
13 unique J



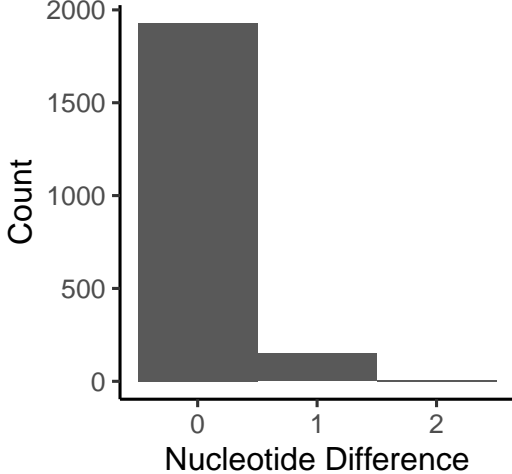
TRBV7-3*ap01

9594 sequences assigned
8875 (92.5%) exact matches, in which:
8498 unique CDR3
13 unique J



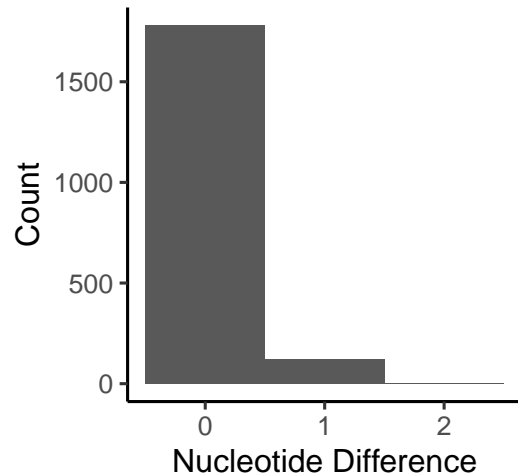
TRBV7-7*ap01_C315T

2086 sequences assigned
1929 (92.5%) exact matches, in which:
1866 unique CDR3
13 unique J



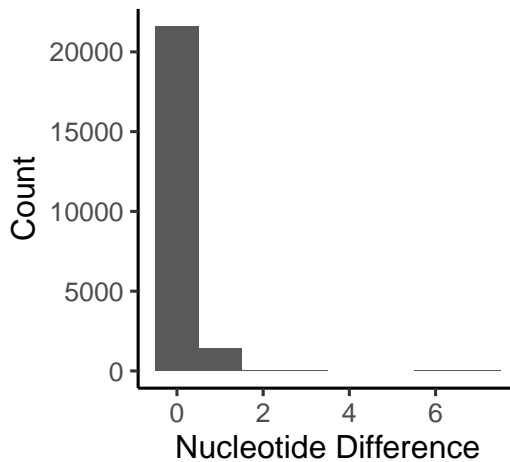
TRBV7-8*ap01

1906 sequences assigned
1780 (93.4%) exact matches, in which:
1707 unique CDR3
13 unique J



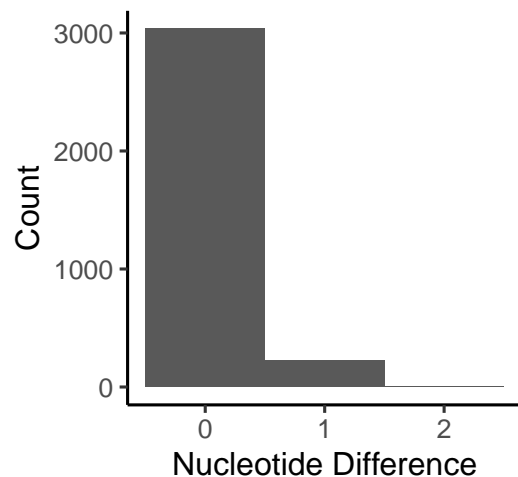
TRBV7-9*ap01

23048 sequences assigned
21611 (93.8%) exact matches, in which:
20871 unique CDR3
13 unique J



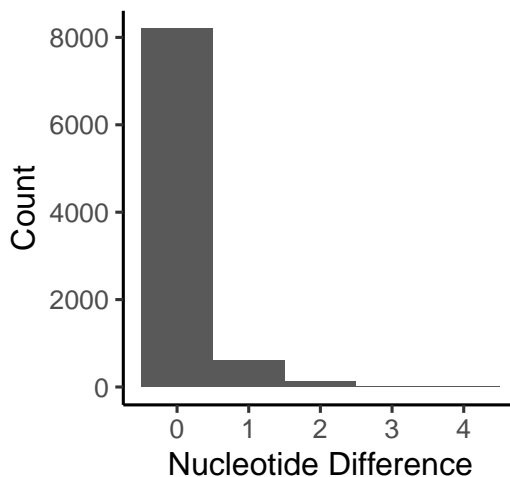
TRBV7-8*ap02

3266 sequences assigned
3036 (93%) exact matches, in which:
2901 unique CDR3
13 unique J



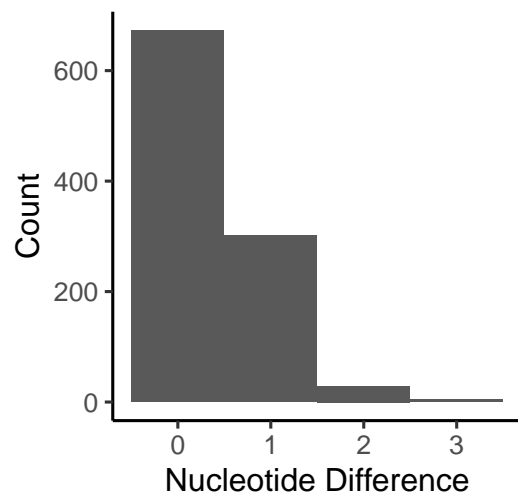
TRBV29-1*ap01

8928 sequences assigned
8198 (91.8%) exact matches, in which:
8070 unique CDR3
13 unique J



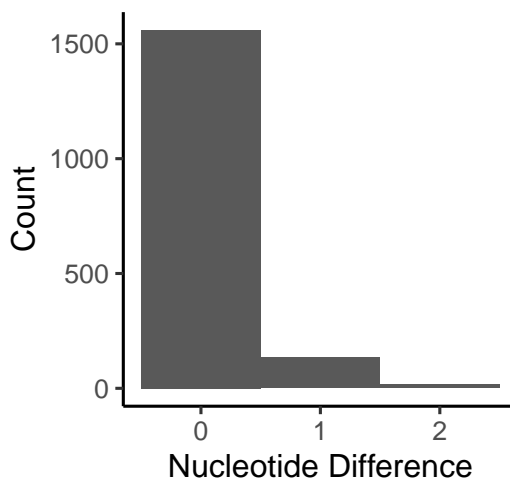
TRBV7-8*ap03

1009 sequences assigned
673 (66.7%) exact matches, in which:
651 unique CDR3
13 unique J

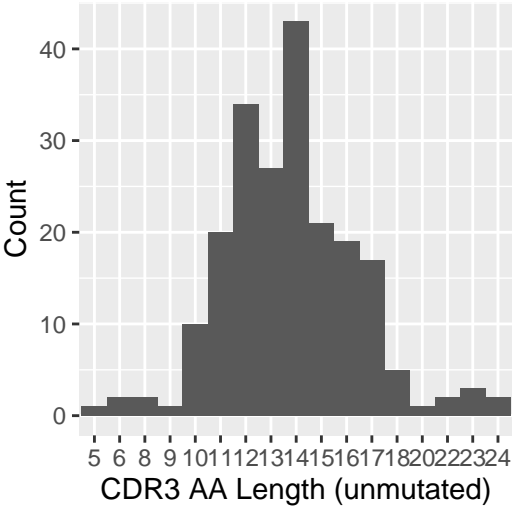


TRBV29-1*ap02

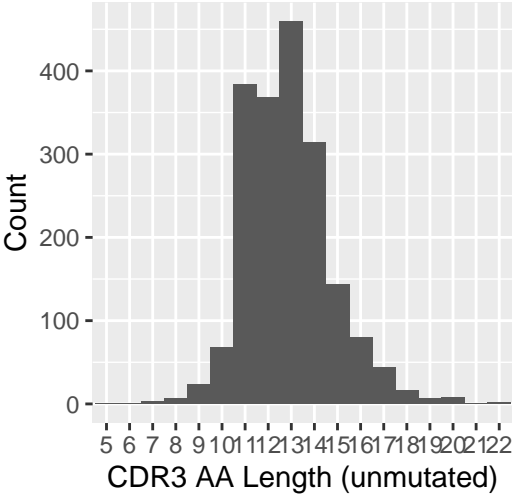
1710 sequences assigned
1560 (91.2%) exact matches, in which:
1536 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.