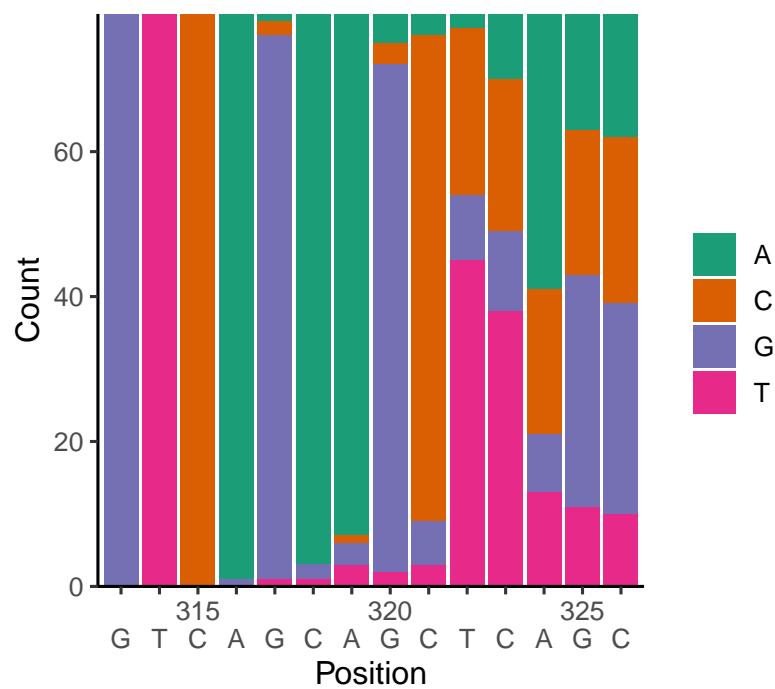
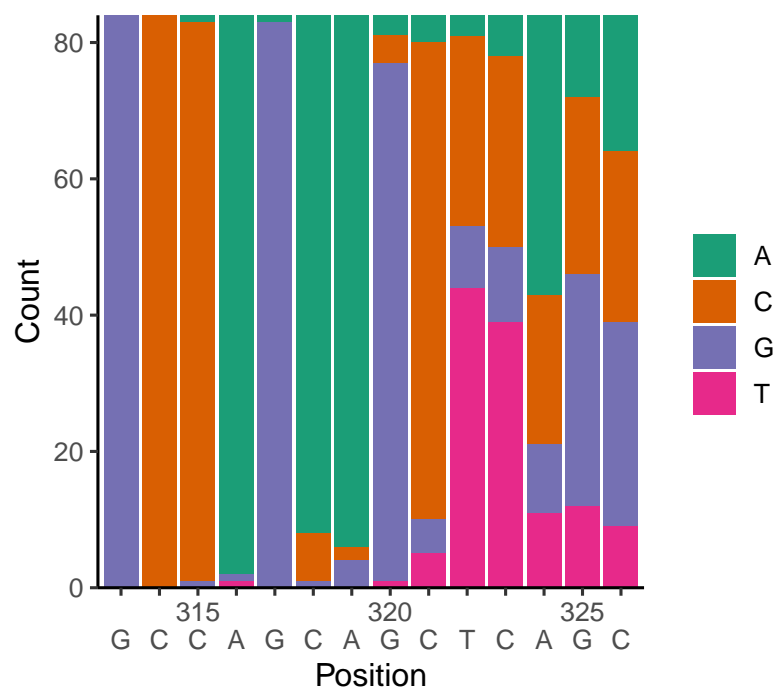


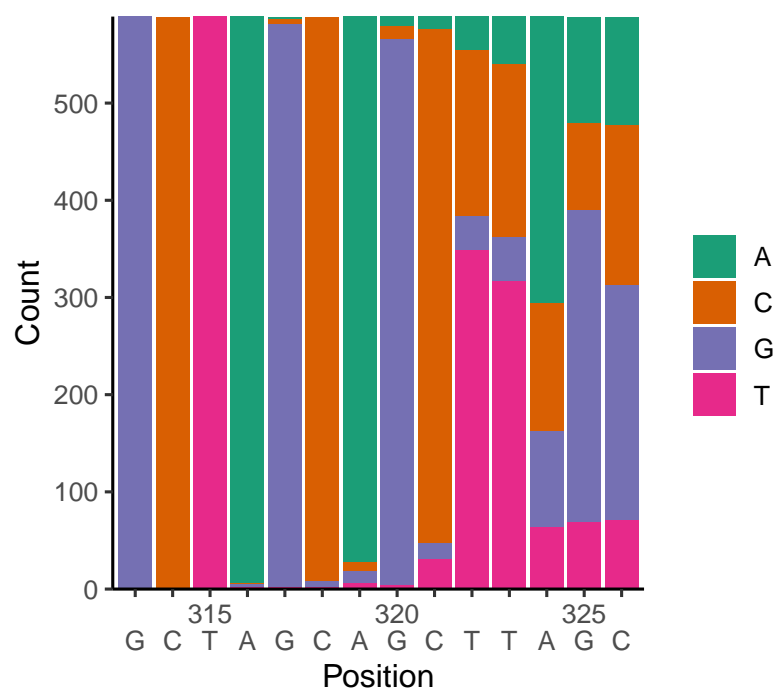
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



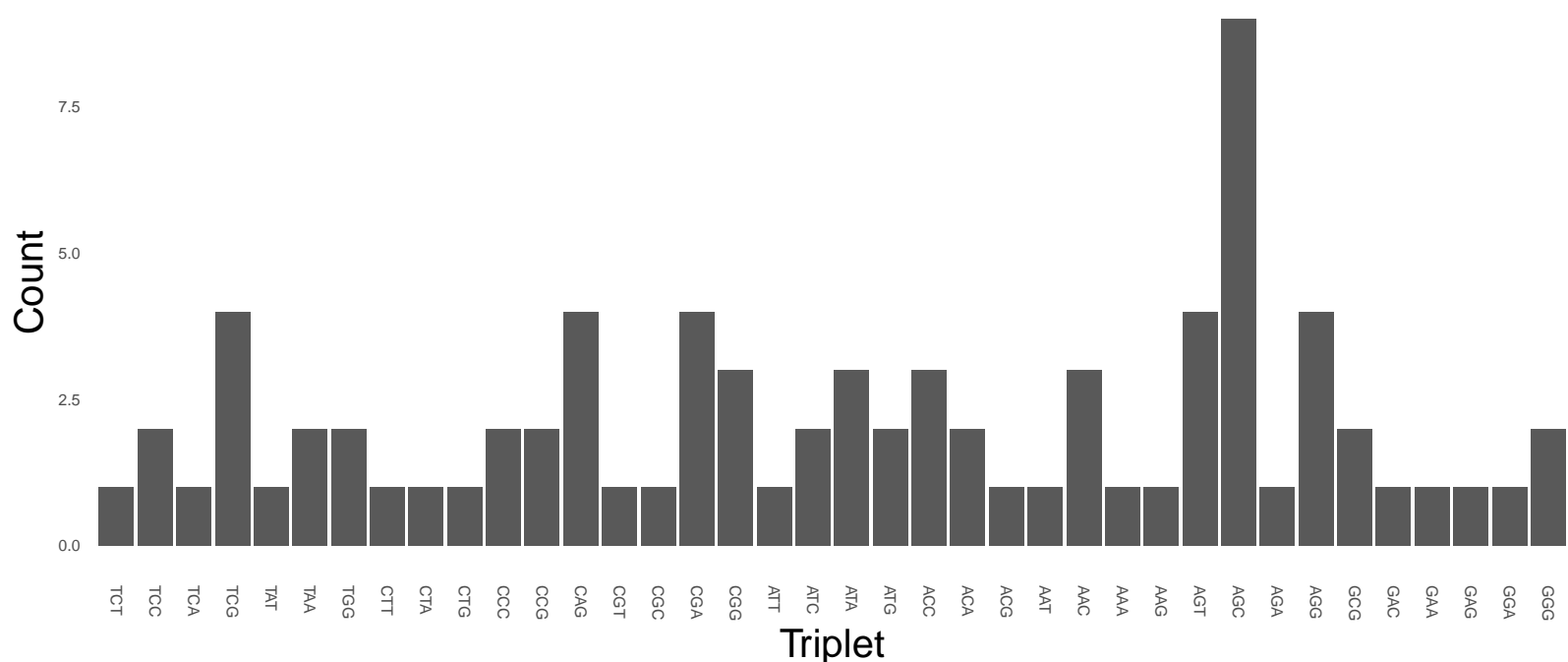
Gene TRBV7-1*ap01_G291C_T296C



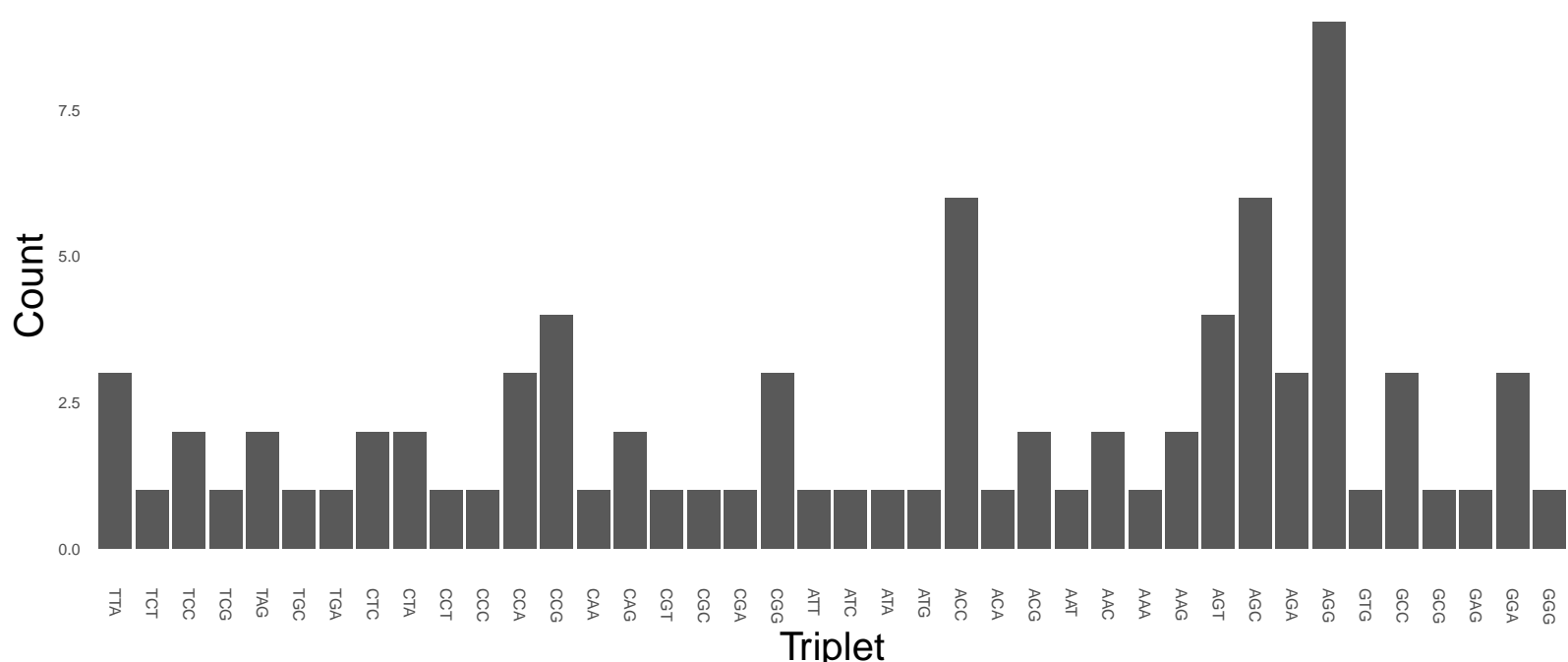
Gene TRBV7-7*ap01_C315T



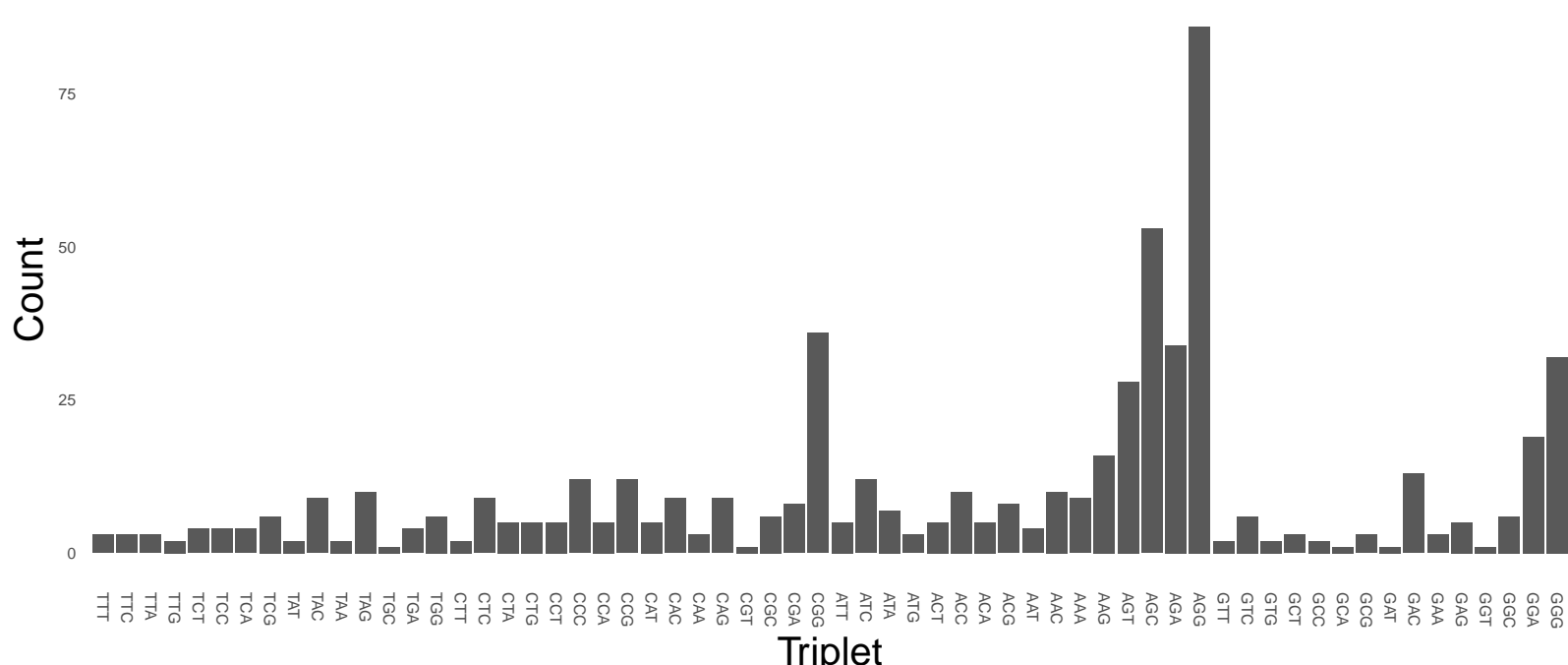
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

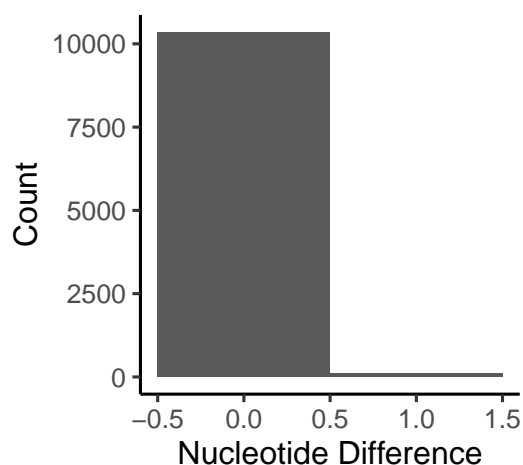


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



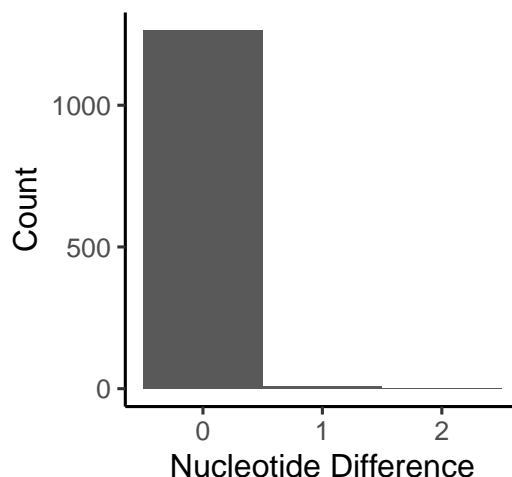
TRBV20-1*ap01

10442 sequences assigned
10351 (99.1%) exact matches, in which:
10285 unique CDR3
13 unique J



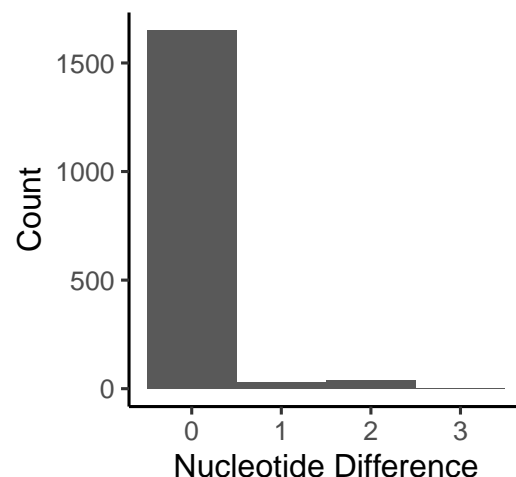
TRBV10-2*ap01

1274 sequences assigned
1264 (99.2%) exact matches, in which:
1248 unique CDR3
13 unique J



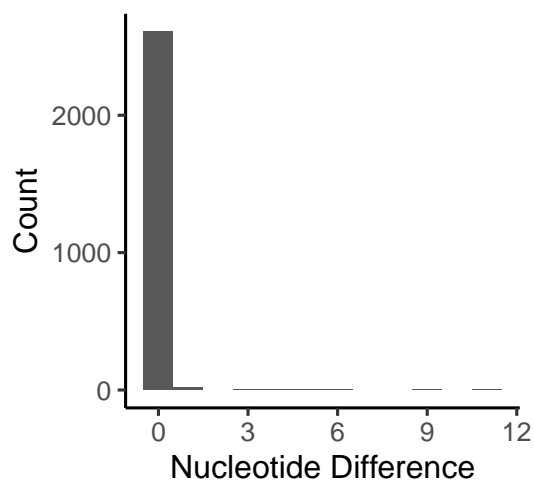
TRBV13*ap01

1722 sequences assigned
1650 (95.8%) exact matches, in which:
1630 unique CDR3
13 unique J



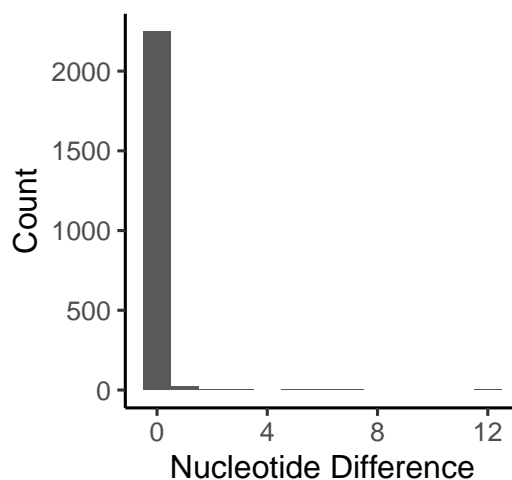
TRBV10-1*ap01

2634 sequences assigned
2608 (99%) exact matches, in which:
2572 unique CDR3
13 unique J



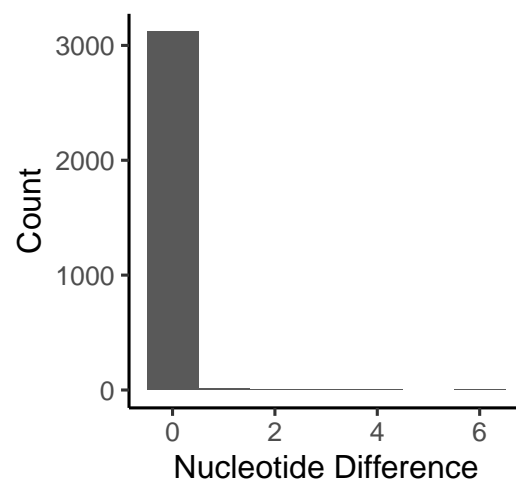
TRBV10-3*ap01

2274 sequences assigned
2247 (98.8%) exact matches, in which:
2226 unique CDR3
13 unique J



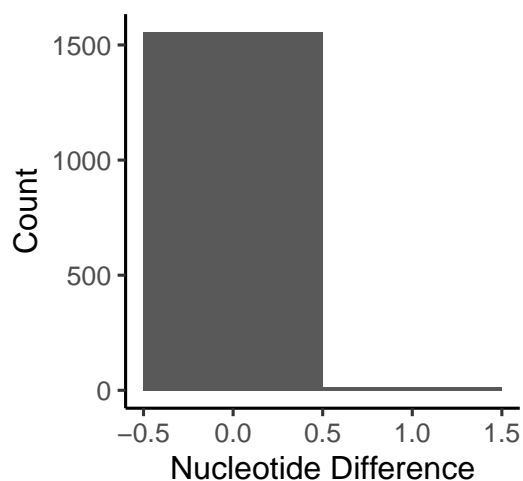
TRBV14*ap01

3139 sequences assigned
3119 (99.4%) exact matches, in which:
3106 unique CDR3
13 unique J



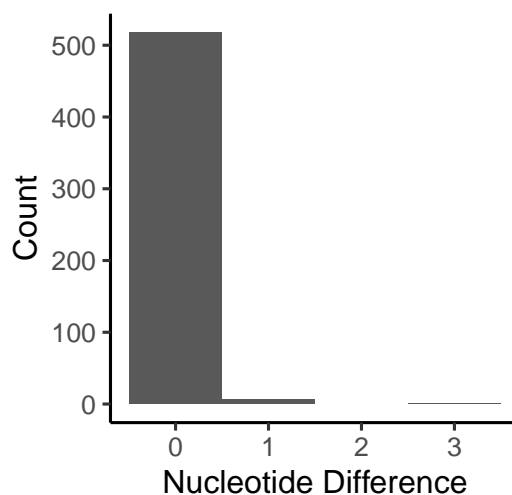
TRBV20-1*ap02

1570 sequences assigned
1556 (99.1%) exact matches, in which:
1547 unique CDR3
13 unique J



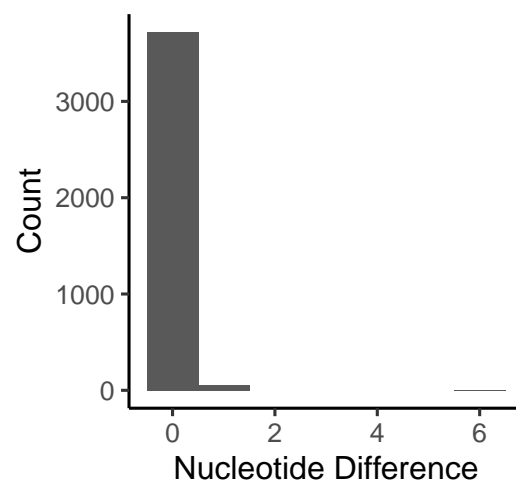
TRBV1*ap01

525 sequences assigned
518 (98.7%) exact matches, in which:
508 unique CDR3
13 unique J



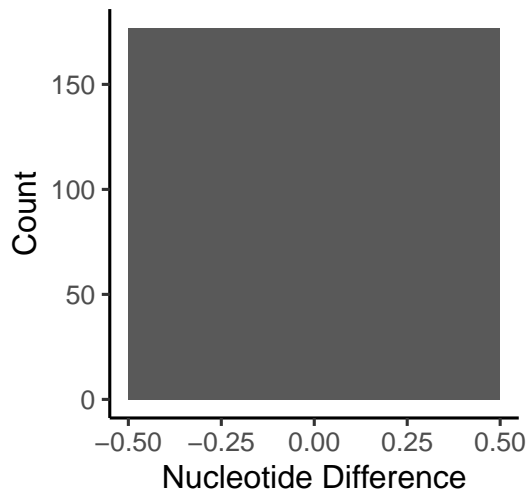
TRBV15*ap02

3776 sequences assigned
3720 (98.5%) exact matches, in which:
3682 unique CDR3
13 unique J



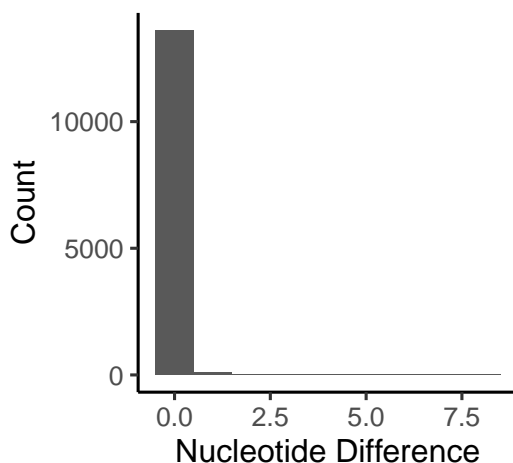
TRBV16*ap01

177 sequences assigned
177 (100%) exact matches, in which:
177 unique CDR3
13 unique J



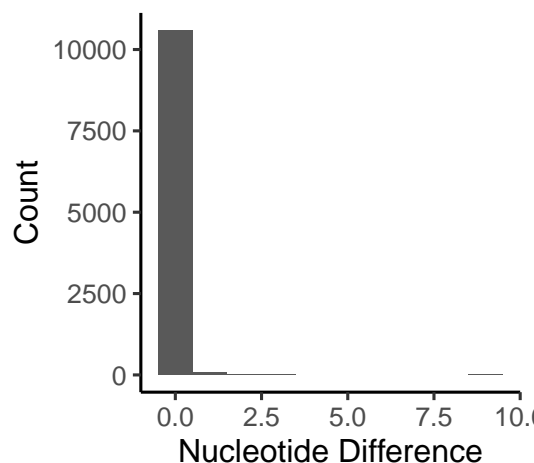
TRBV19*ap01

13708 sequences assigned
13611 (99.3%) exact matches, in which:
13562 unique CDR3
13 unique J



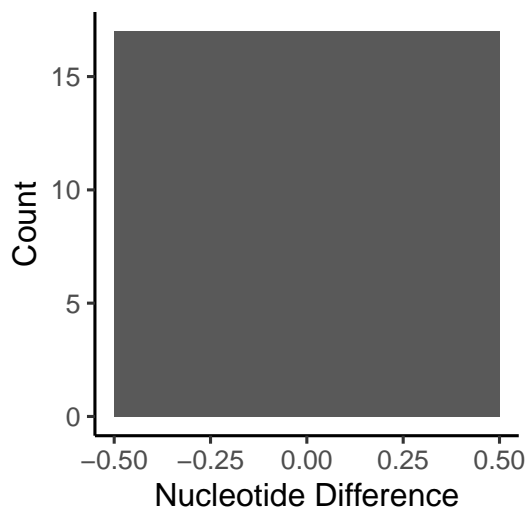
TRBV27*ap01

10682 sequences assigned
10595 (99.2%) exact matches, in which:
10509 unique CDR3
13 unique J



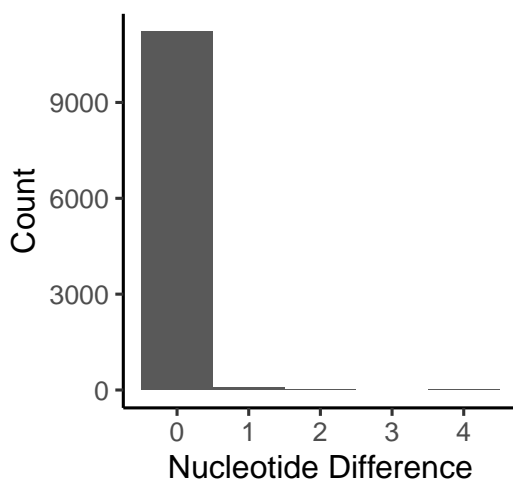
TRBV17*ap01

17 sequences assigned
17 (100%) exact matches, in which:
17 unique CDR3
8 unique J



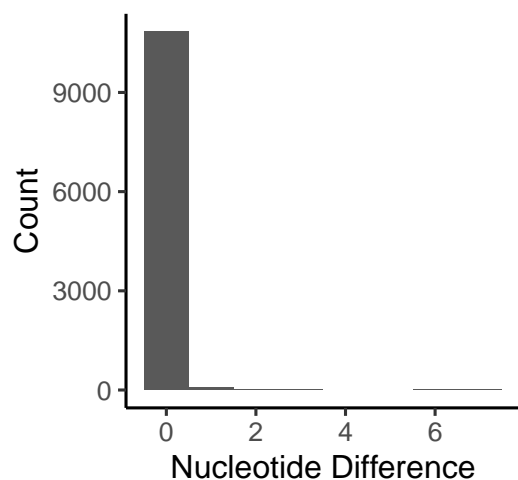
TRBV2*ap01

11311 sequences assigned
11214 (99.1%) exact matches, in which:
11126 unique CDR3
13 unique J



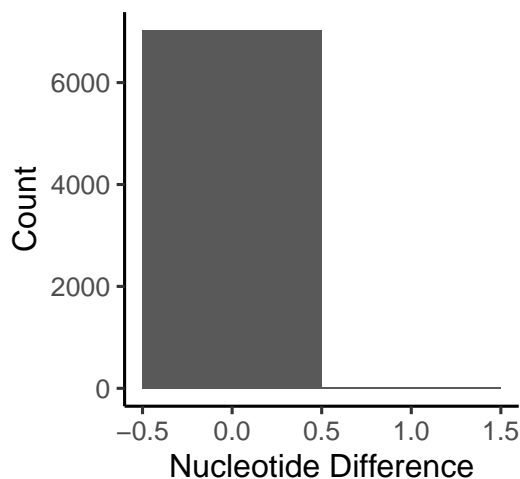
TRBV28*ap01

10921 sequences assigned
10837 (99.2%) exact matches, in which:
10786 unique CDR3
13 unique J



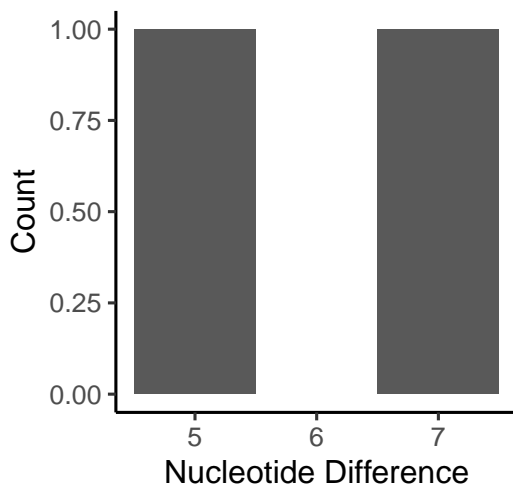
TRBV18*ap01

7058 sequences assigned
7031 (99.6%) exact matches, in which:
7011 unique CDR3
13 unique J



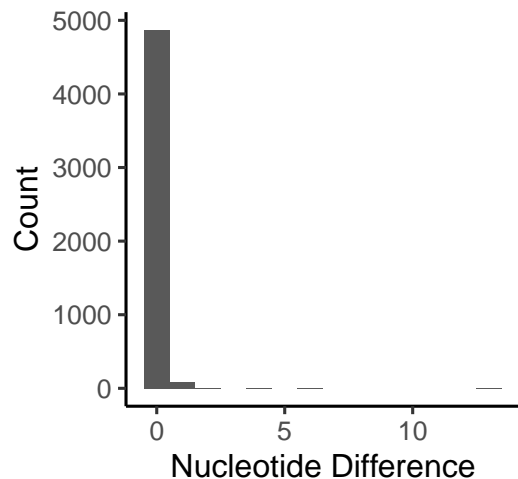
TRBV26*ap01

2 sequences assigned
No exact matches.



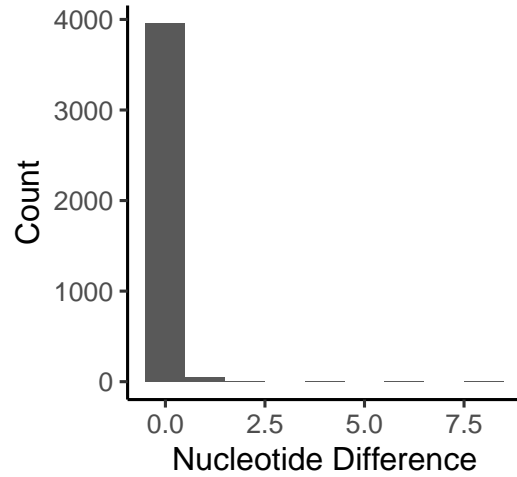
TRBV30*ap01

4956 sequences assigned
4868 (98.2%) exact matches, in which:
4797 unique CDR3
13 unique J



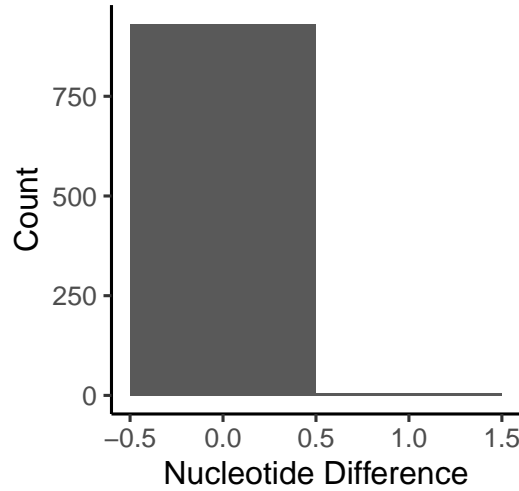
TRBV30*ap02

4015 sequences assigned
3956 (98.5%) exact matches, in which:
3886 unique CDR3
13 unique J



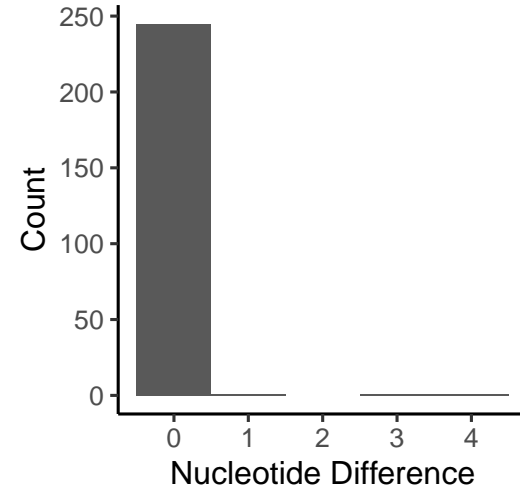
TRBV11-1*ap01

938 sequences assigned
932 (99.4%) exact matches, in which:
928 unique CDR3
13 unique J



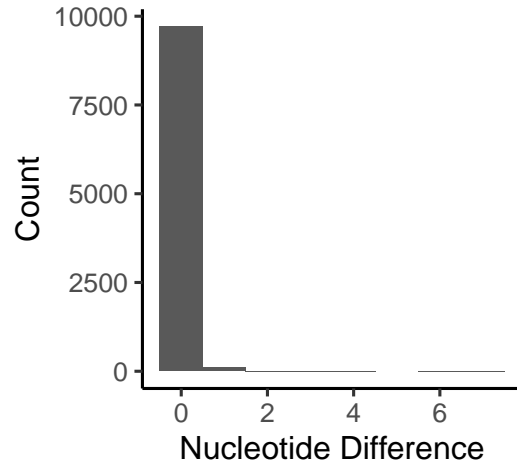
TRBV12-1*ap01

248 sequences assigned
245 (98.8%) exact matches, in which:
244 unique CDR3
13 unique J



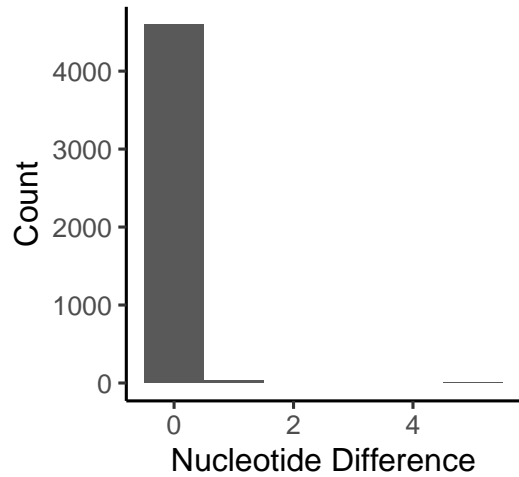
TRBV9*ap01

9828 sequences assigned
9711 (98.8%) exact matches, in which:
9658 unique CDR3
13 unique J



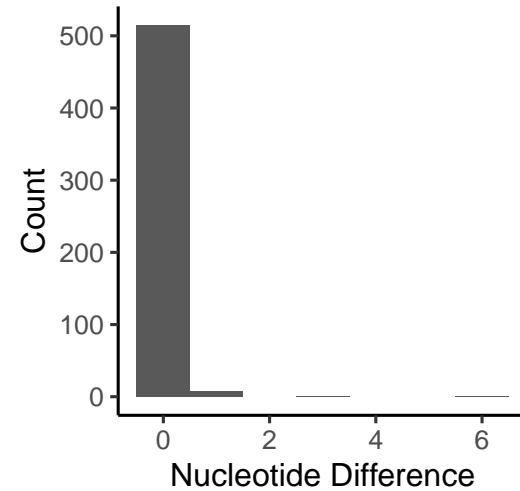
TRBV11-2*ap01

4629 sequences assigned
4595 (99.3%) exact matches, in which:
4573 unique CDR3
13 unique J



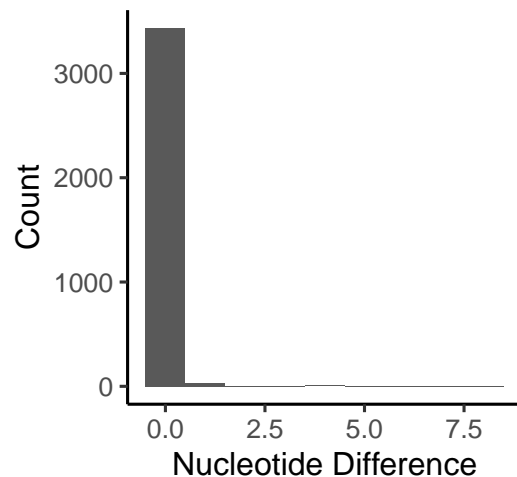
TRBV12-2*ap01

524 sequences assigned
515 (98.3%) exact matches, in which:
507 unique CDR3
13 unique J



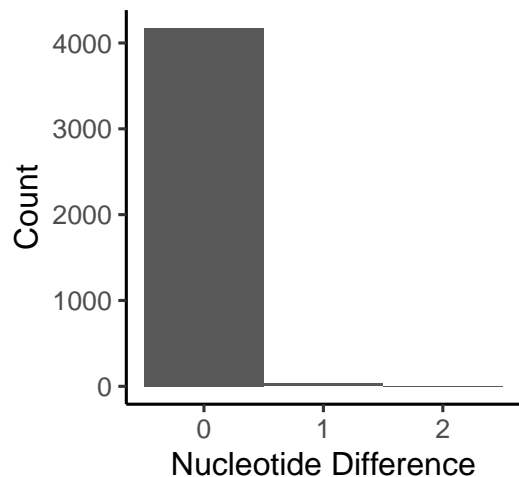
TRBV21-1*ap01

3486 sequences assigned
3435 (98.5%) exact matches, in which:
3427 unique CDR3
13 unique J



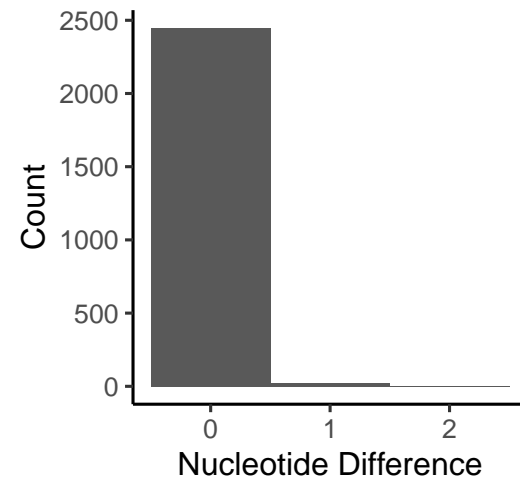
TRBV11-3*ap01

4207 sequences assigned
4174 (99.2%) exact matches, in which:
4147 unique CDR3
13 unique J



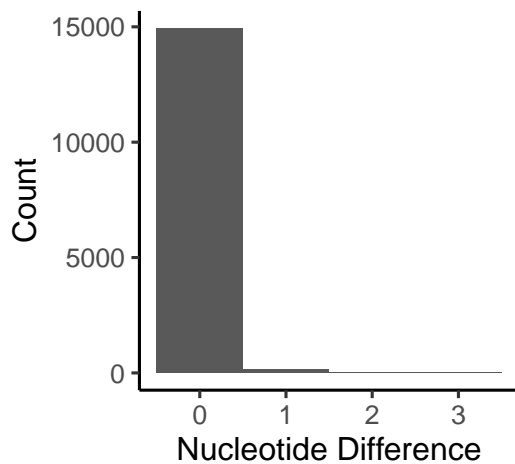
TRBV12-5*ap01

2470 sequences assigned
2447 (99.1%) exact matches, in which:
2423 unique CDR3
13 unique J



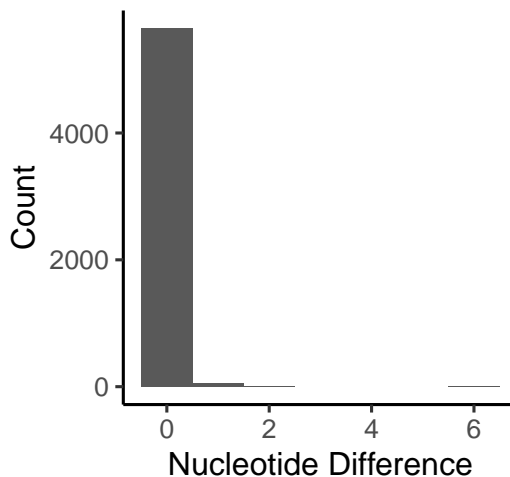
TRBV12-34*ap01

15083 sequences assigned
14942 (99.1%) exact matches, in which:
14815 unique CDR3
13 unique J



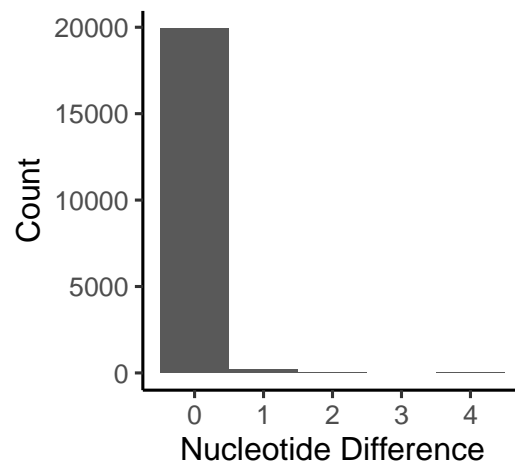
TRBV4-1*ap01

5710 sequences assigned
5649 (98.9%) exact matches, in which:
5577 unique CDR3
13 unique J



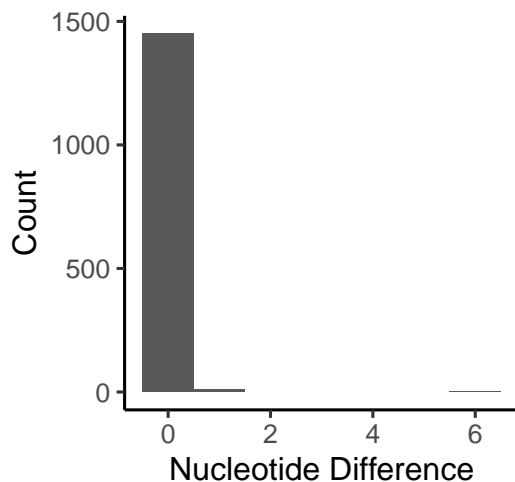
TRBV5-1*ap01

20173 sequences assigned
19948 (98.9%) exact matches, in which:
19753 unique CDR3
13 unique J



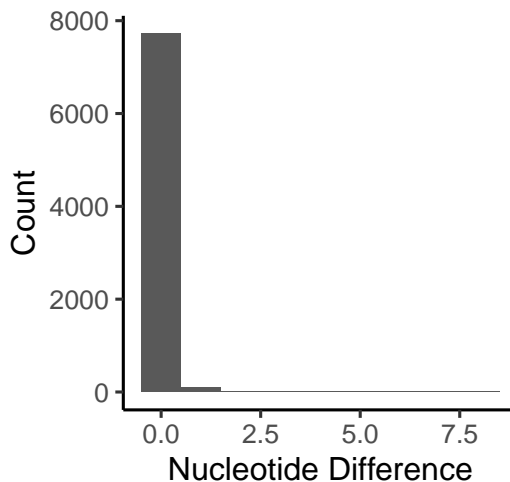
TRBV23-1*ap01

1461 sequences assigned
1450 (99.2%) exact matches, in which:
1439 unique CDR3
13 unique J



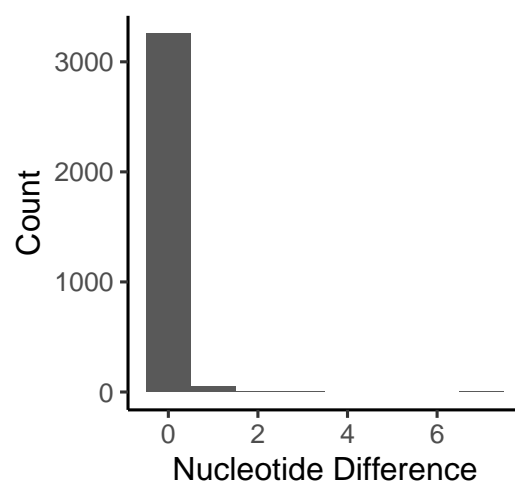
TRBV24-1*ap01

7833 sequences assigned
7719 (98.5%) exact matches, in which:
7634 unique CDR3
13 unique J



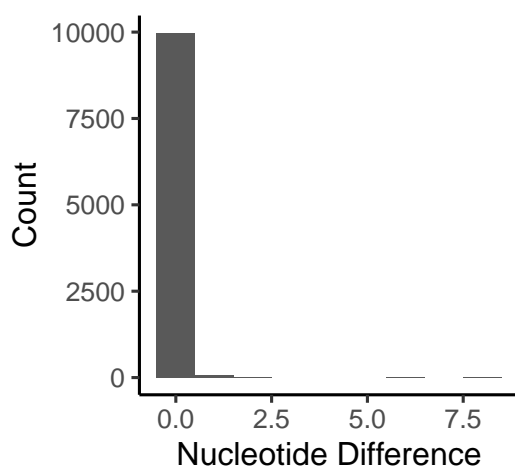
TRBV25-1*ap01

3308 sequences assigned
3255 (98.4%) exact matches, in which:
3211 unique CDR3
13 unique J



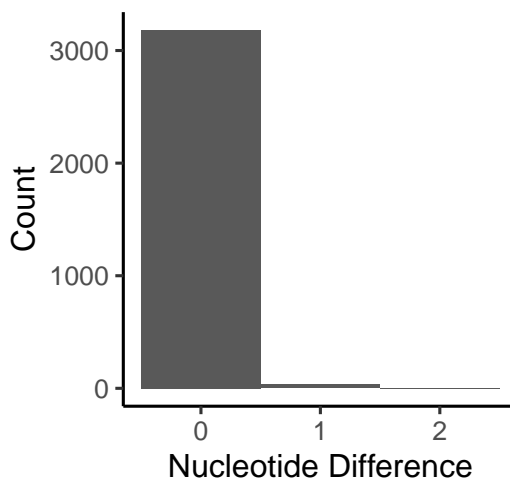
TRBV3-12*ap01

10055 sequences assigned
9980 (99.3%) exact matches, in which:
9939 unique CDR3
13 unique J



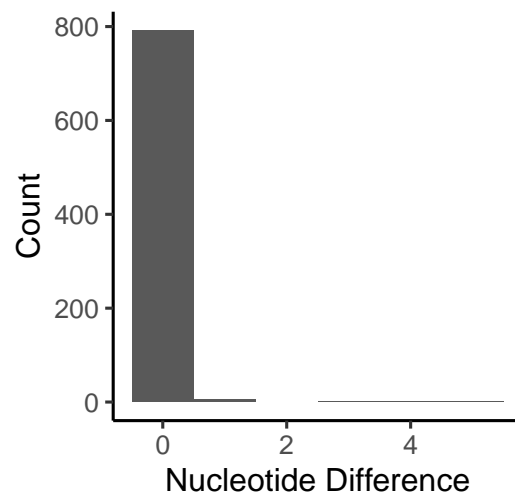
TRBV4-2*ap01

3217 sequences assigned
3182 (98.9%) exact matches, in which:
3153 unique CDR3
13 unique J



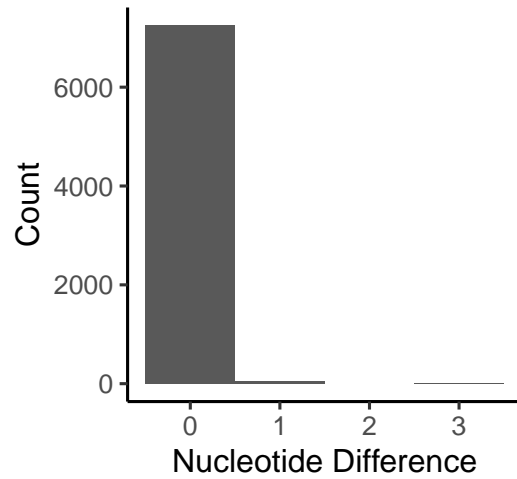
TRBV5-3*ap01

802 sequences assigned
792 (98.8%) exact matches, in which:
785 unique CDR3
13 unique J



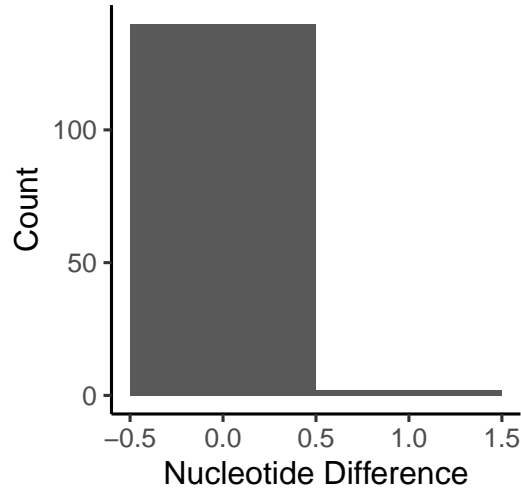
TRBV5-4*ap01

7305 sequences assigned
7250 (99.2%) exact matches, in which:
7177 unique CDR3
13 unique J



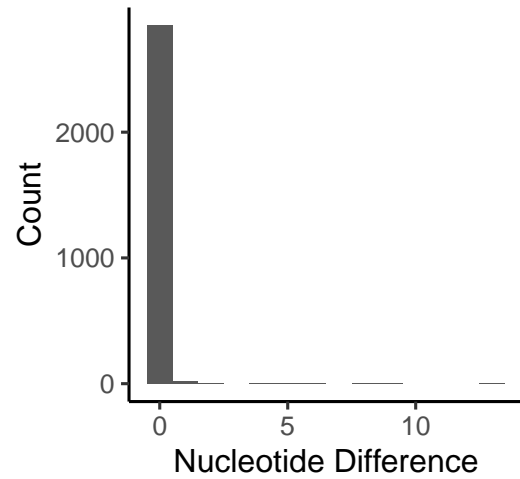
TRBV5-7*ap01

142 sequences assigned
140 (98.6%) exact matches, in which:
137 unique CDR3
13 unique J



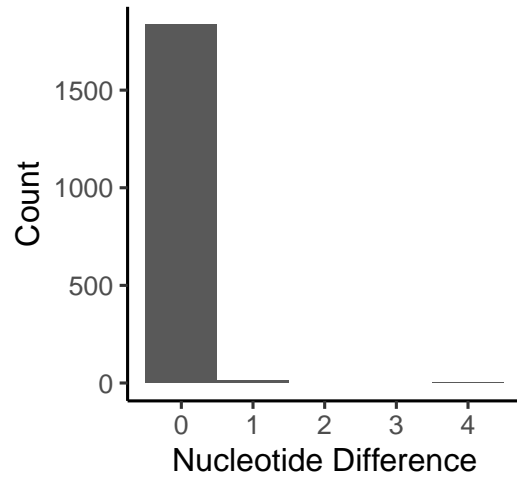
TRBV6-4*ap01

2881 sequences assigned
2849 (98.9%) exact matches, in which:
2826 unique CDR3
13 unique J



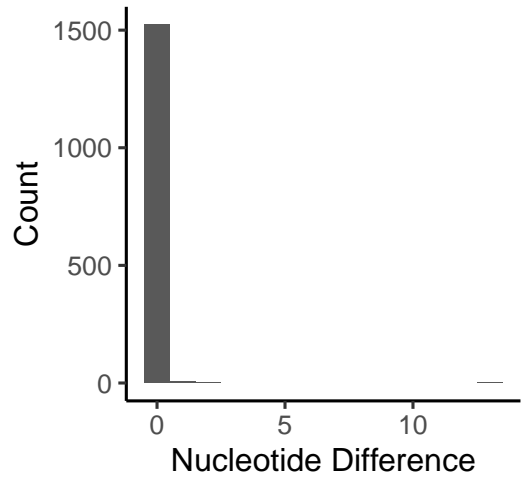
TRBV5-5*ap01

1850 sequences assigned
1835 (99.2%) exact matches, in which:
1830 unique CDR3
13 unique J



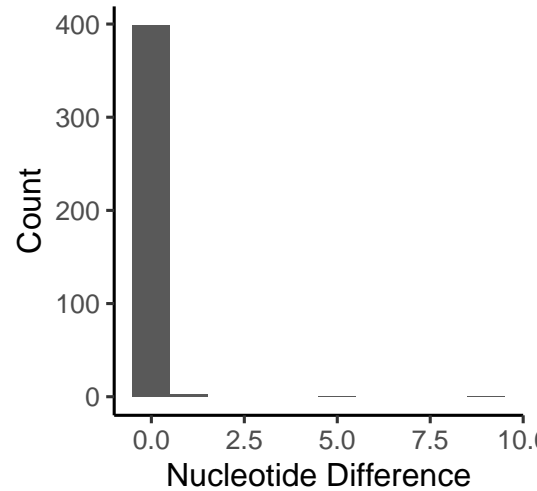
TRBV5-8*ap01

1534 sequences assigned
1523 (99.3%) exact matches, in which:
1515 unique CDR3
13 unique J



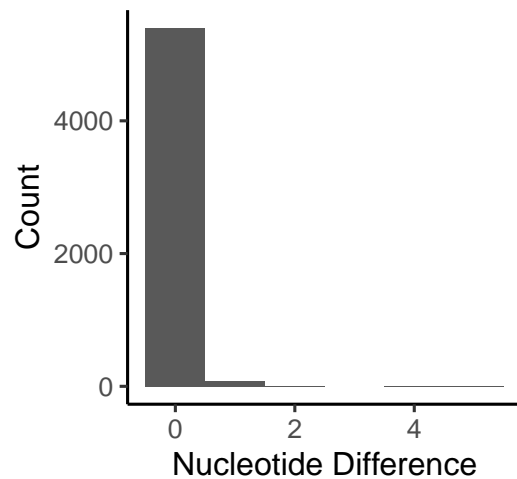
TRBV6-7*ap01

404 sequences assigned
399 (98.8%) exact matches, in which:
392 unique CDR3
13 unique J



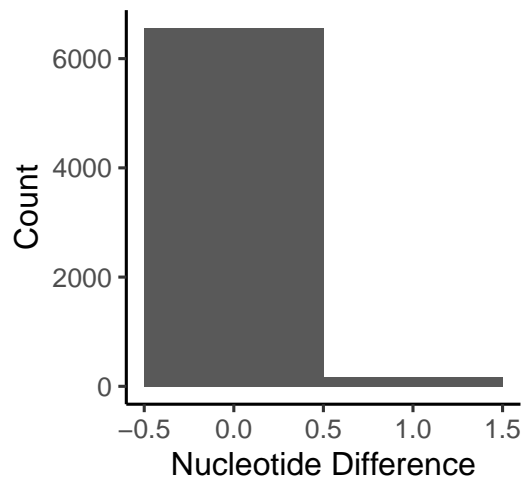
TRBV5-6*ap01

5486 sequences assigned
5398 (98.4%) exact matches, in which:
5316 unique CDR3
13 unique J



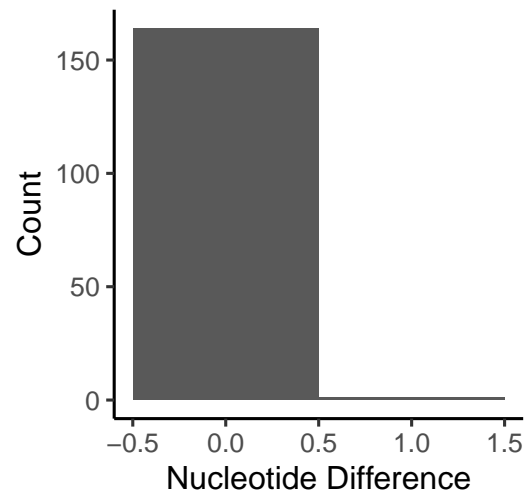
TRBV6-1*ap01

6726 sequences assigned
6560 (97.5%) exact matches, in which:
6484 unique CDR3
13 unique J



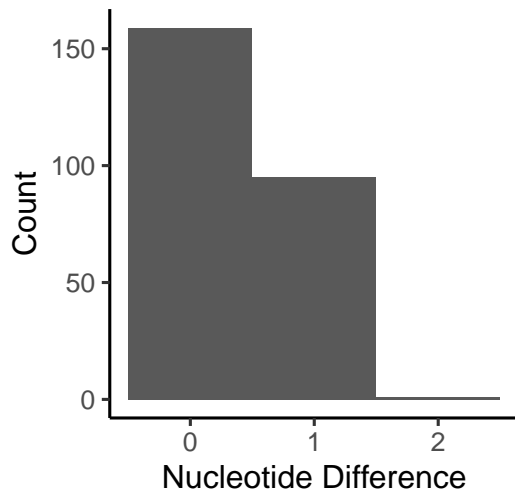
TRBV6-8*ap01

165 sequences assigned
164 (99.4%) exact matches, in which:
160 unique CDR3
13 unique J



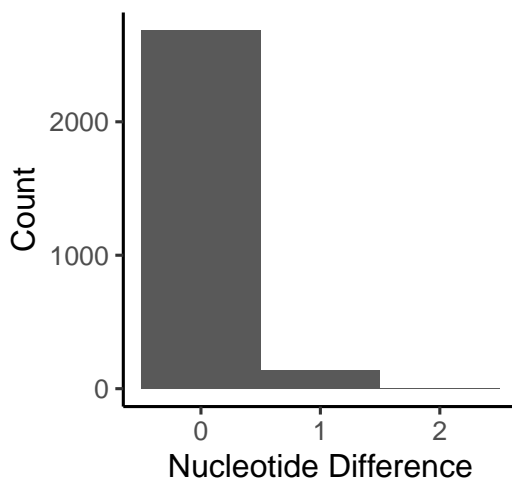
TRBV6-9*ap01

255 sequences assigned
159 (62.4%) exact matches, in which:
156 unique CDR3
13 unique J



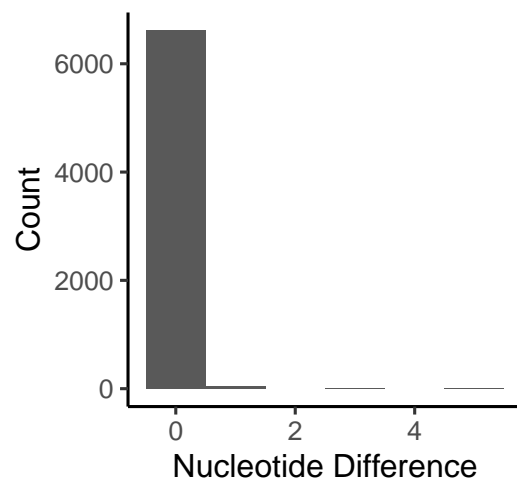
TRBV6-56*ap02

2828 sequences assigned
2685 (94.9%) exact matches, in which:
2638 unique CDR3
13 unique J



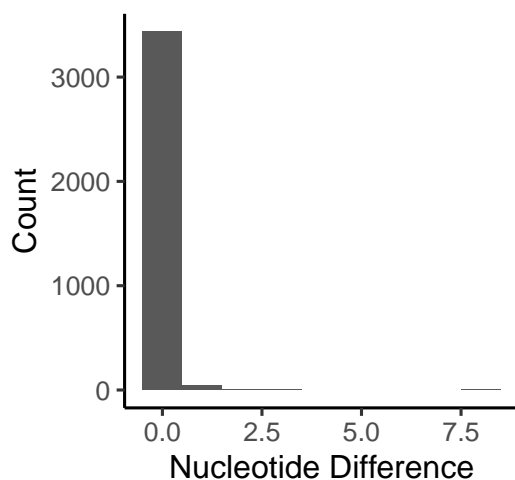
TRBV7-2*ap01

6662 sequences assigned
6616 (99.3%) exact matches, in which:
6570 unique CDR3
13 unique J



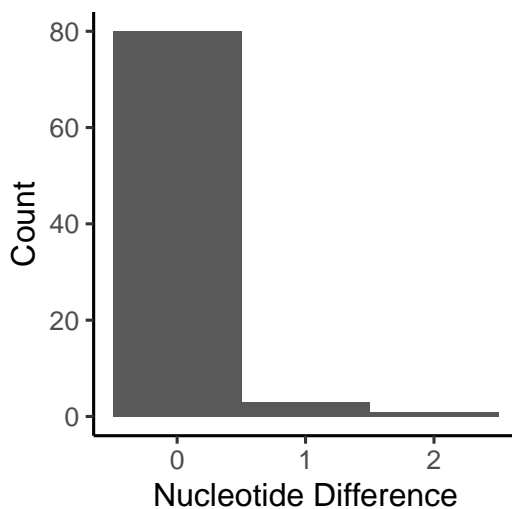
TRBV6-23*ap01

3481 sequences assigned
3435 (98.7%) exact matches, in which:
3367 unique CDR3
13 unique J



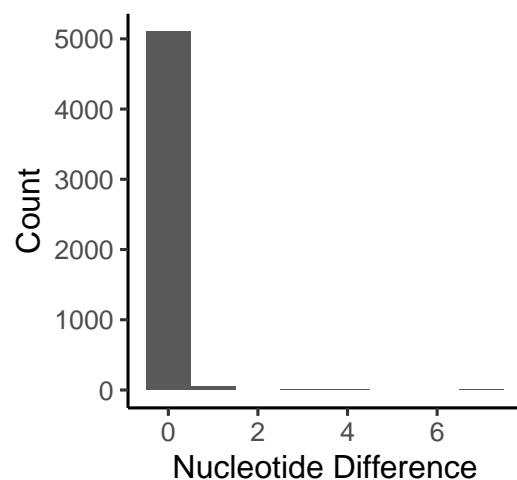
TRBV7-1*ap01_G291C_T

84 sequences assigned
80 (95.2%) exact matches, in which:
79 unique CDR3
12 unique J



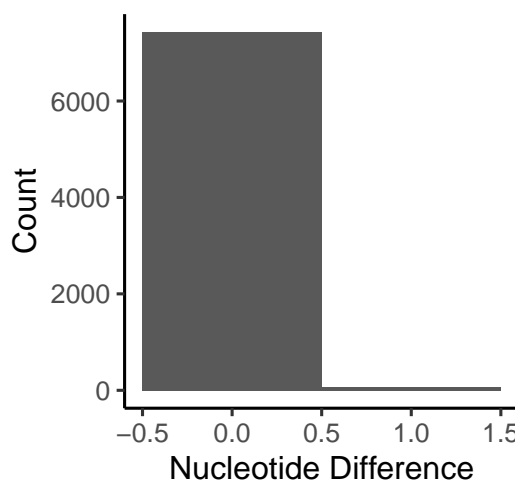
TRBV7-3*ap01

5152 sequences assigned
5101 (99%) exact matches, in which:
5073 unique CDR3
13 unique J



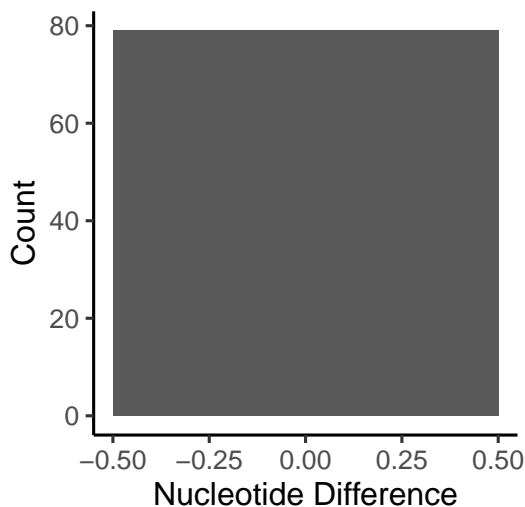
TRBV6-56*ap01

7504 sequences assigned
7430 (99%) exact matches, in which:
7343 unique CDR3
13 unique J



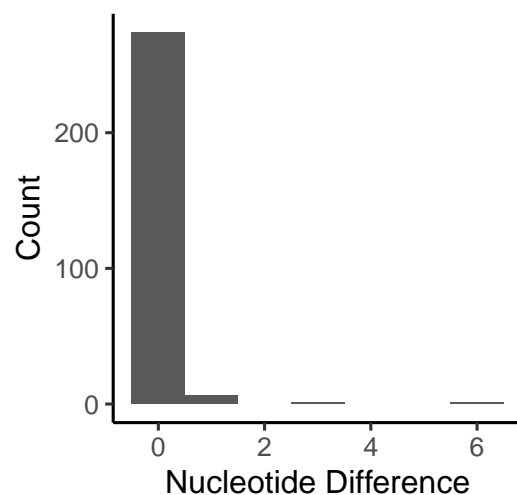
TRBV7-1*ap01_G291C_T

79 sequences assigned
79 (100%) exact matches, in which:
78 unique CDR3
13 unique J



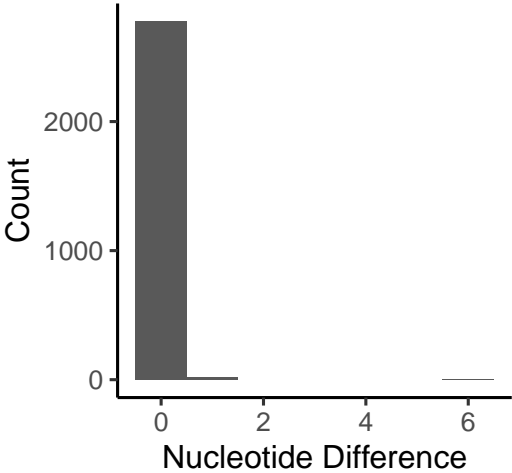
TRBV7-4*ap01

282 sequences assigned
274 (97.2%) exact matches, in which:
273 unique CDR3
13 unique J



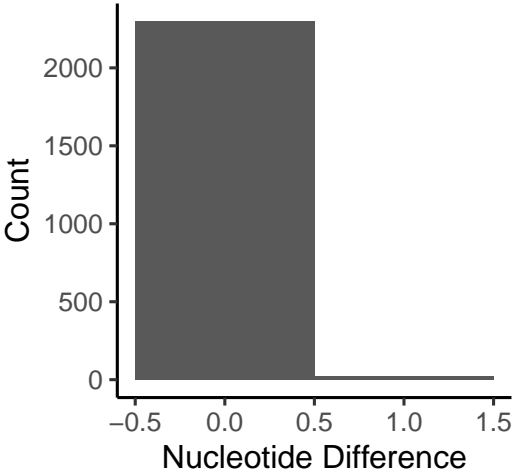
TRBV7-6*ap01

2799 sequences assigned
2776 (99.2%) exact matches, in which:
2747 unique CDR3
13 unique J



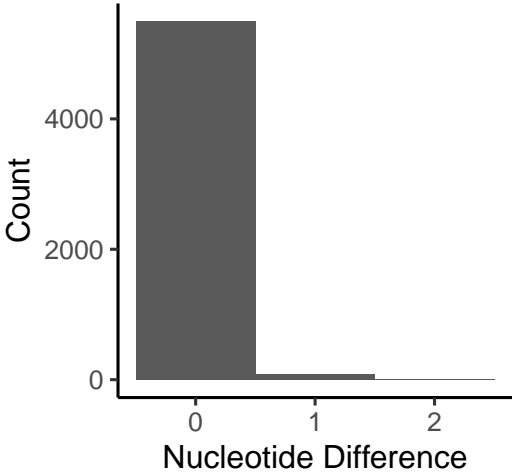
TRBV7-8*ap01

2318 sequences assigned
2298 (99.1%) exact matches, in which:
2284 unique CDR3
13 unique J



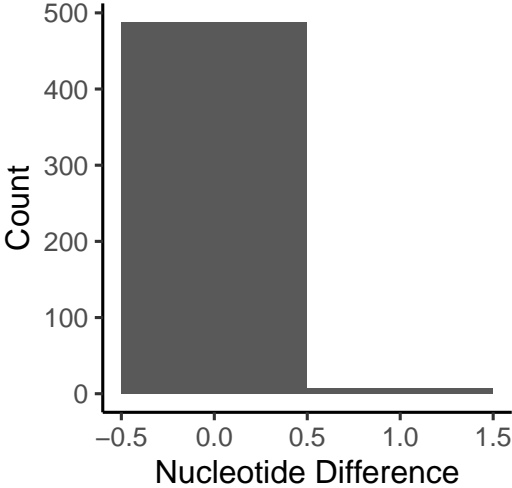
TRBV29-1*ap01

5582 sequences assigned
5495 (98.4%) exact matches, in which:
5382 unique CDR3
13 unique J



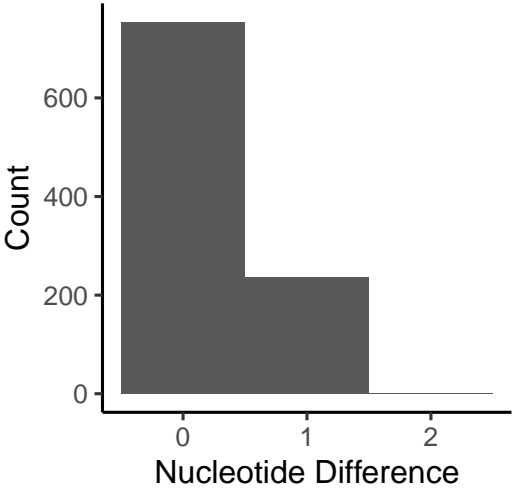
TRBV7-7*ap01

495 sequences assigned
488 (98.6%) exact matches, in which:
485 unique CDR3
13 unique J



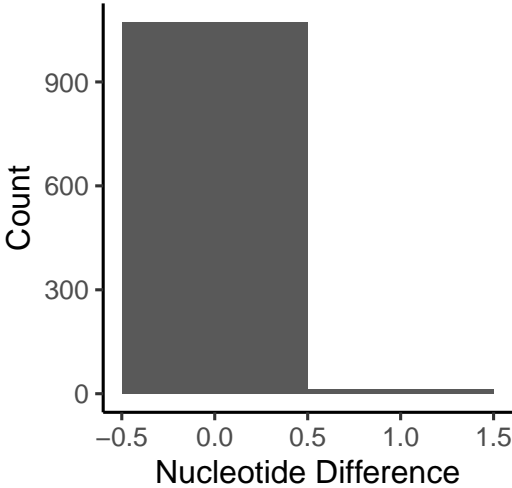
TRBV7-8*ap03

991 sequences assigned
754 (76.1%) exact matches, in which:
748 unique CDR3
13 unique J



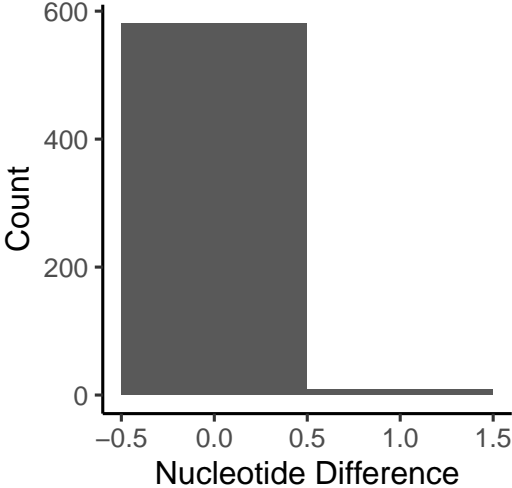
TRBV29-1*ap02

1086 sequences assigned
1073 (98.8%) exact matches, in which:
1047 unique CDR3
13 unique J



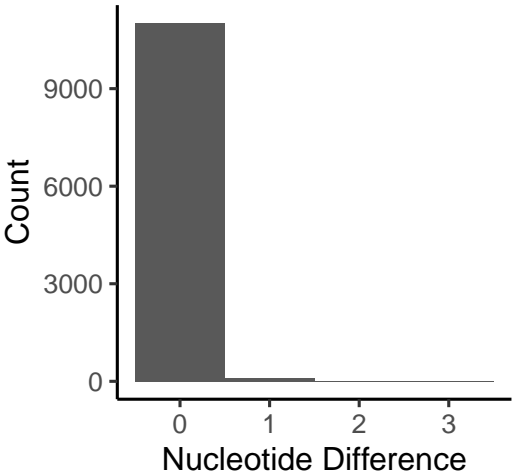
TRBV7-7*ap01_C315T

589 sequences assigned
581 (98.6%) exact matches, in which:
573 unique CDR3
13 unique J

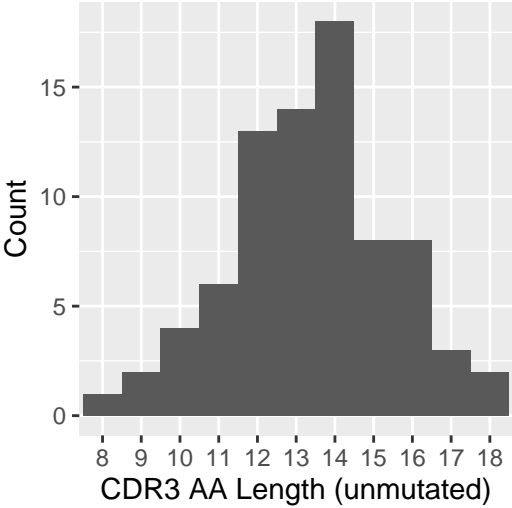


TRBV7-9*ap01

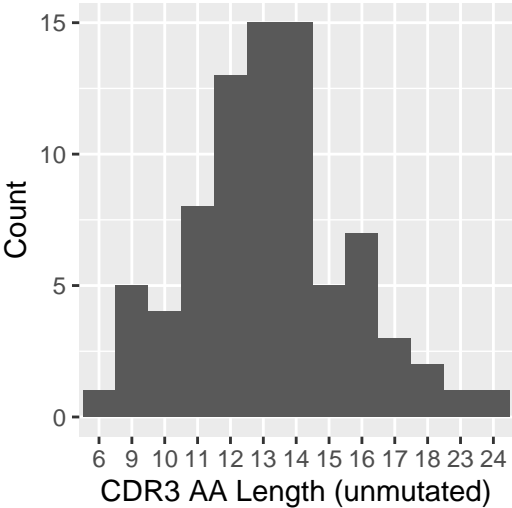
11121 sequences assigned
11017 (99.1%) exact matches, in which:
10949 unique CDR3
13 unique J



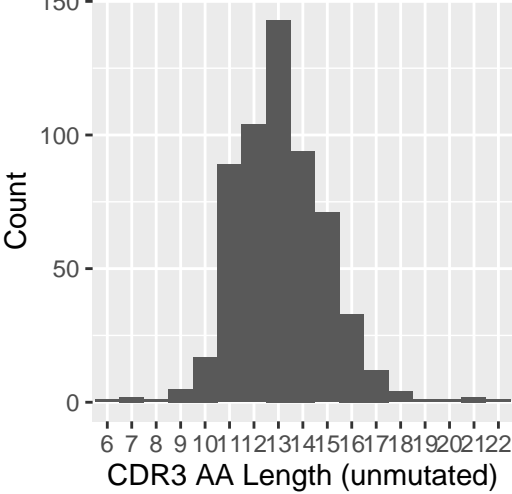
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.