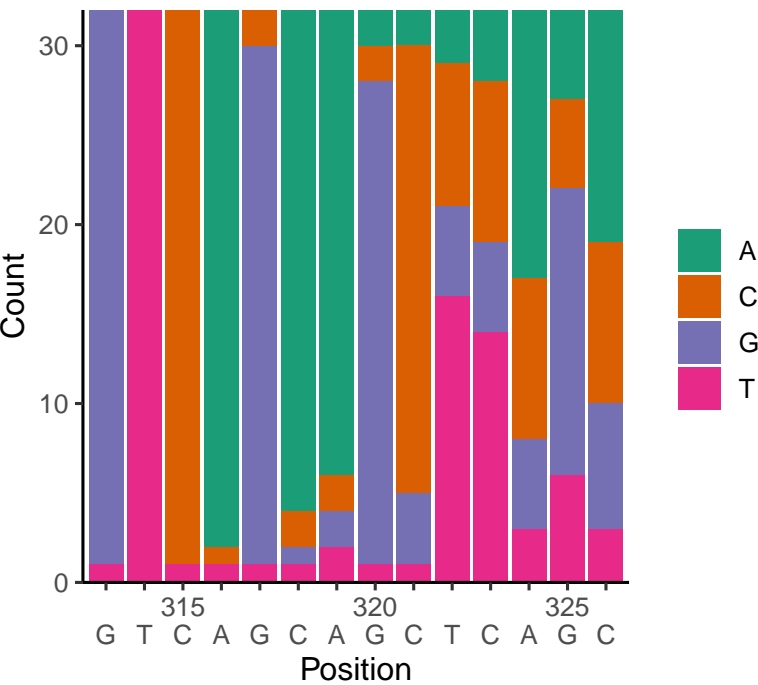
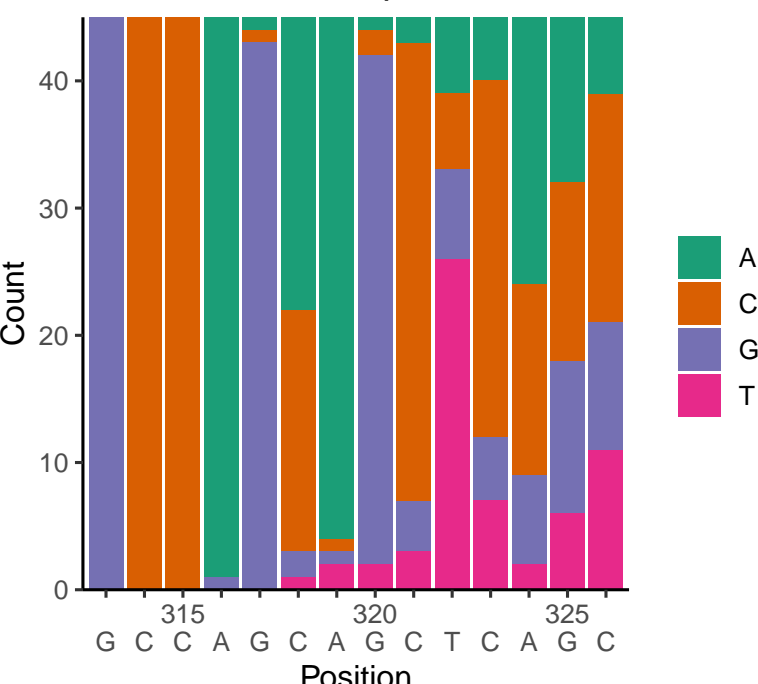


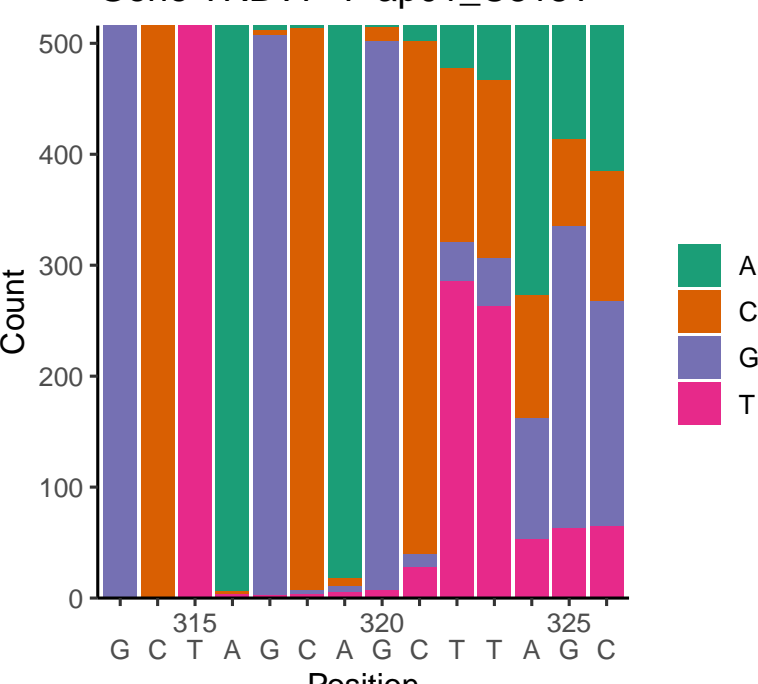
Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_T296C_C314T



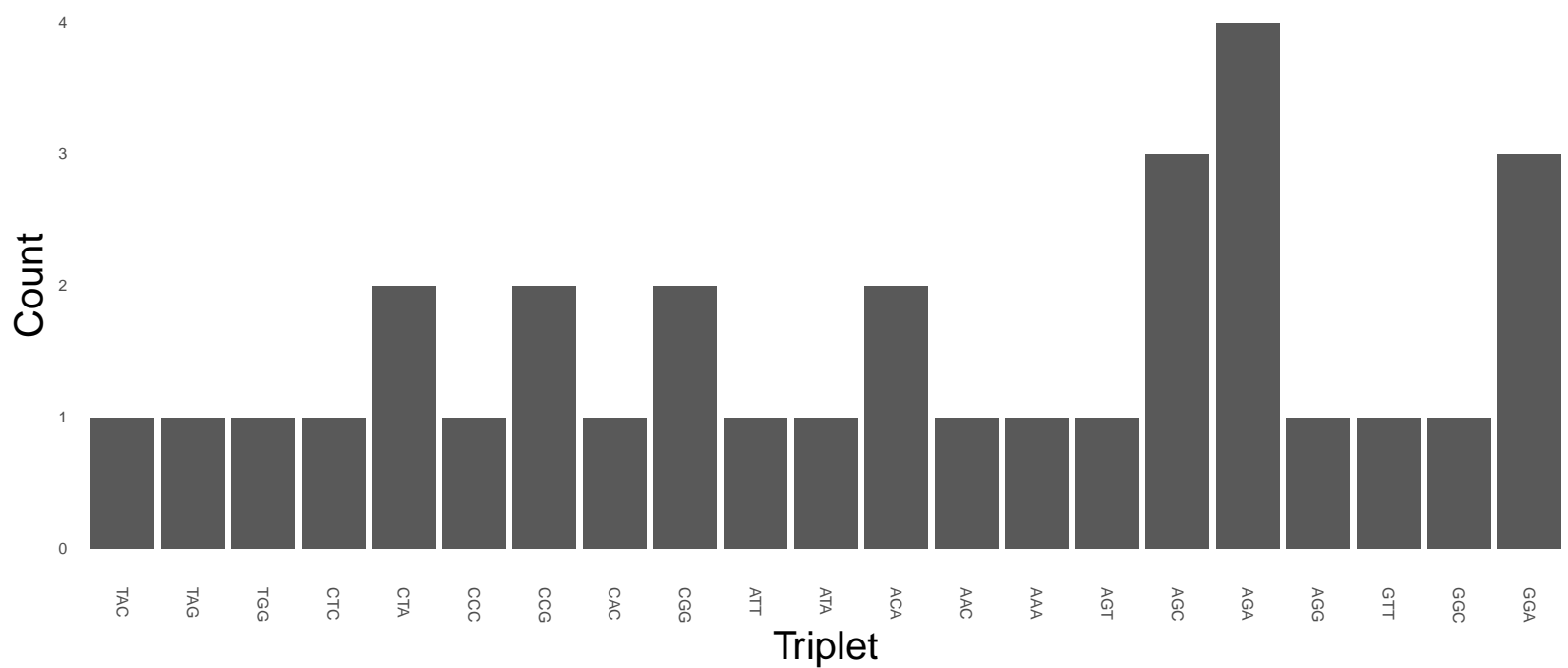
Gene TRBV7-1*ap01_T296C



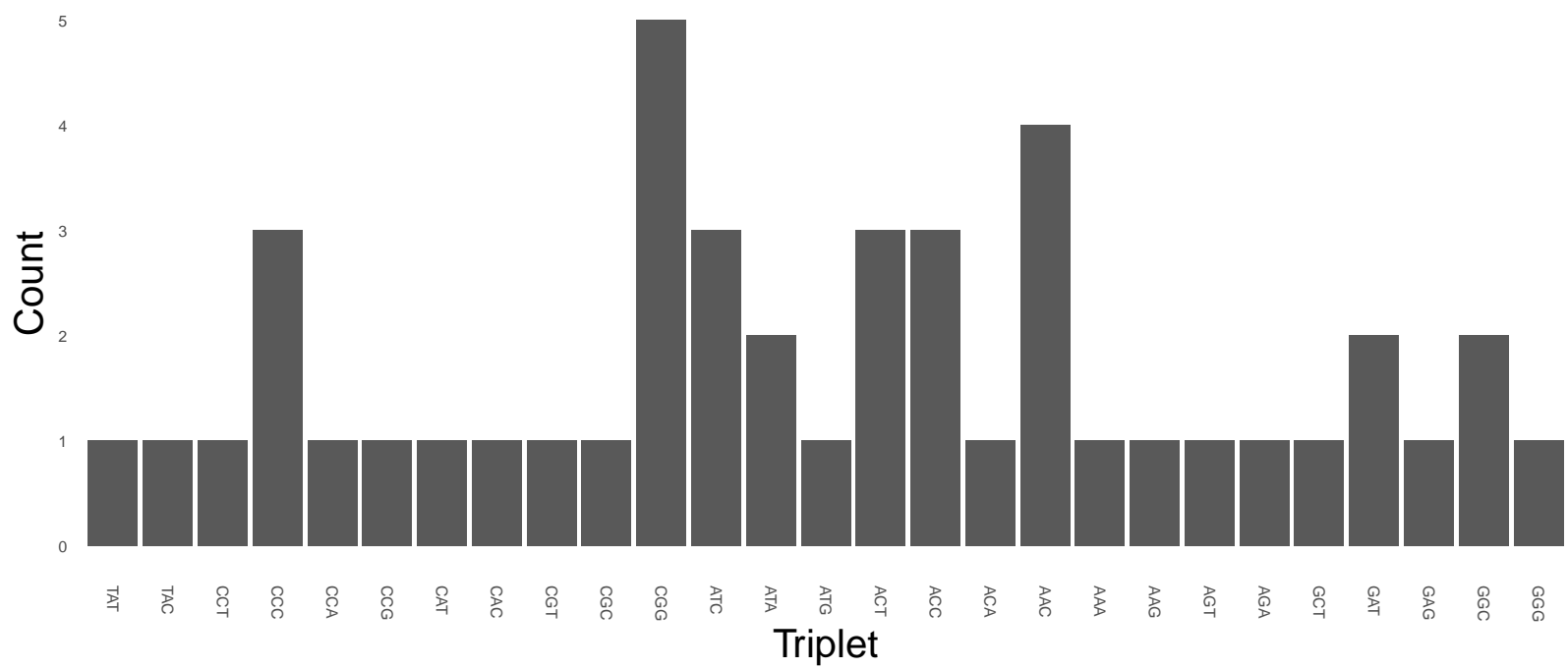
Gene TRBV7-7*ap01_C315T



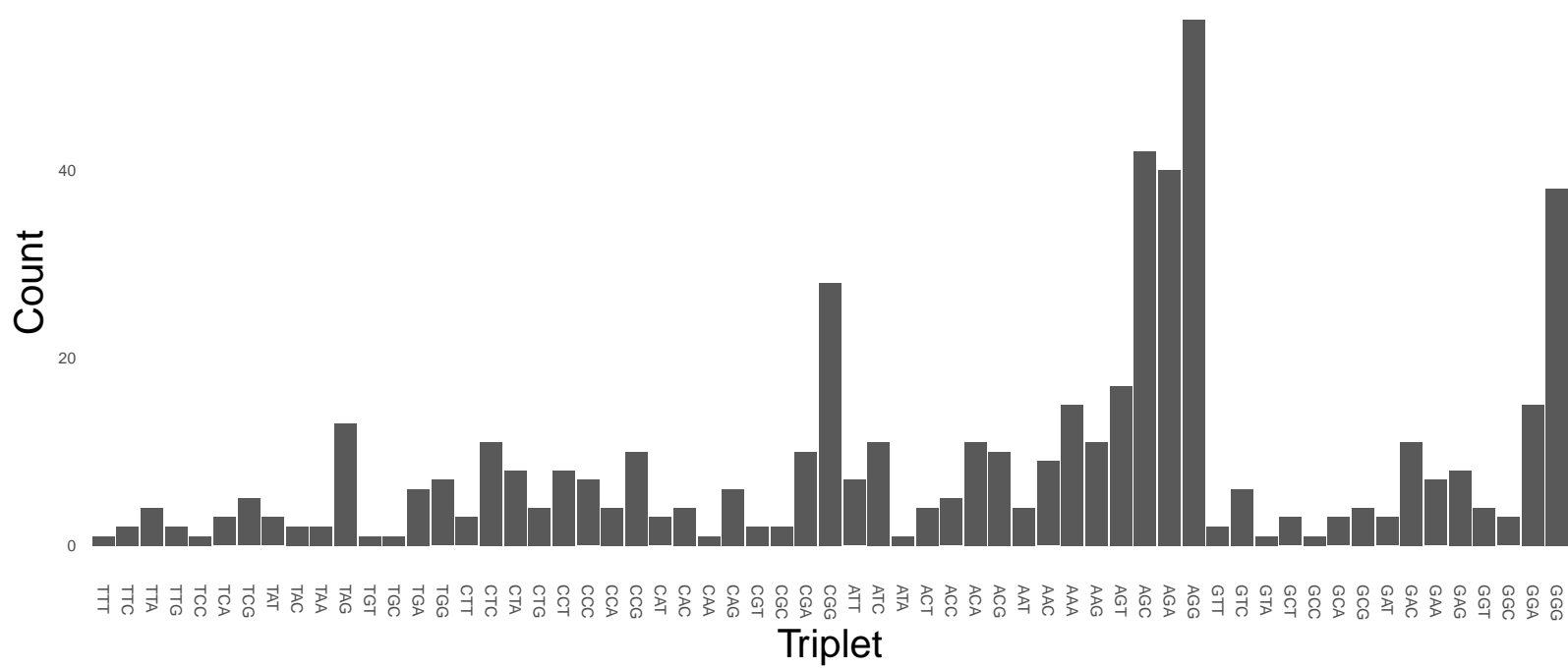
TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



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

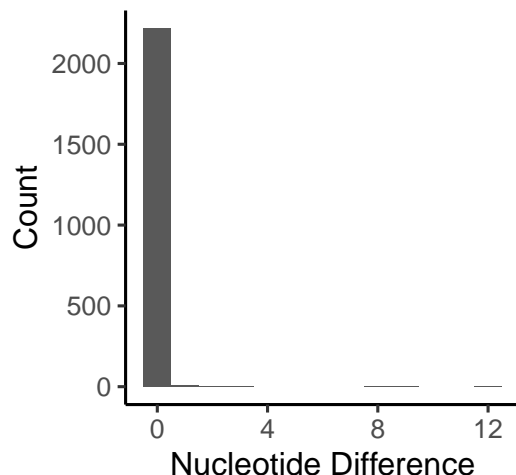


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



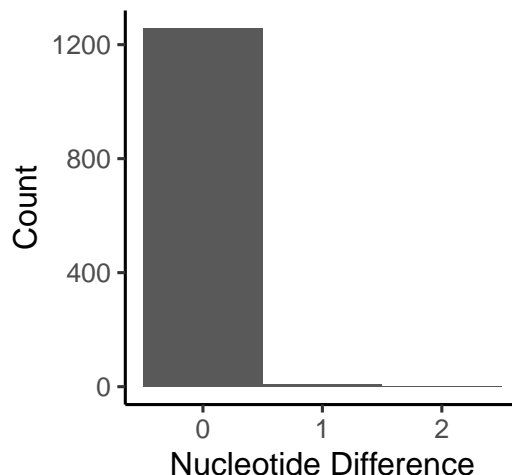
TRBV10-1*ap01

2230 sequences assigned
2217 (99.4%) exact matches, in which:
2200 unique CDR3
13 unique J



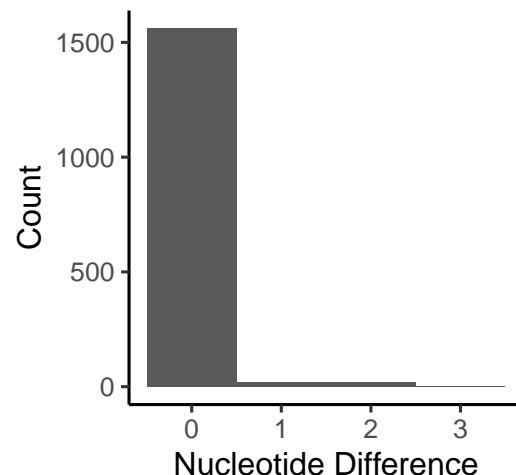
TRBV10-2*ap01

1267 sequences assigned
1257 (99.2%) exact matches, in which:
1248 unique CDR3
13 unique J



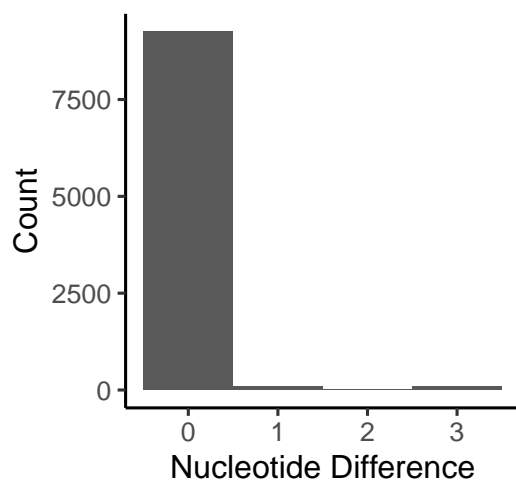
TRBV13*ap01

1602 sequences assigned
1561 (97.4%) exact matches, in which:
1532 unique CDR3
13 unique J



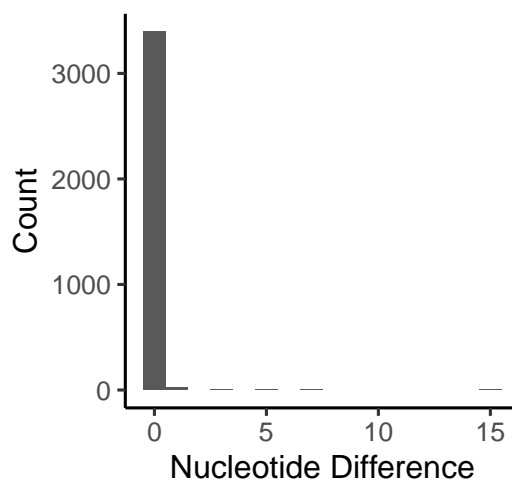
TRBV20-1*ap01

9443 sequences assigned
9250 (98%) exact matches, in which:
9084 unique CDR3
13 unique J



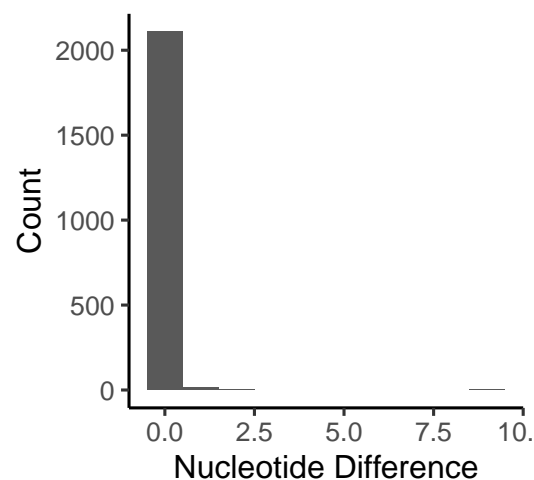
TRBV10-3*ap01

3425 sequences assigned
3395 (99.1%) exact matches, in which:
3370 unique CDR3
13 unique J



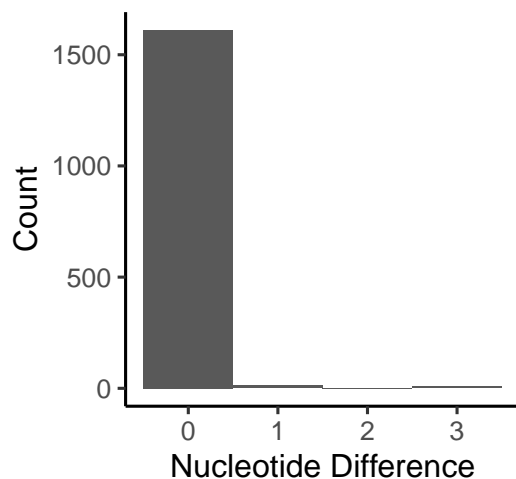
TRBV14*ap01

2128 sequences assigned
2109 (99.1%) exact matches, in which:
2093 unique CDR3
13 unique J



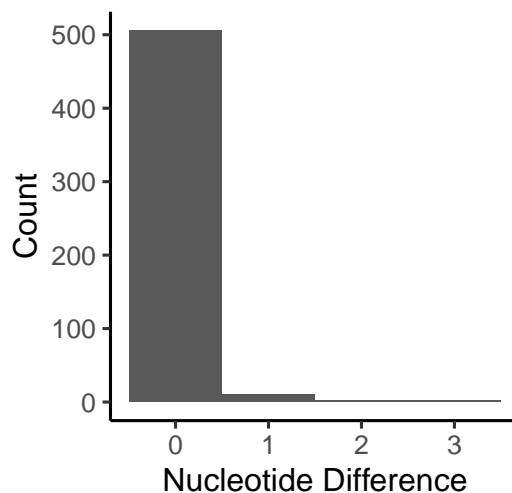
TRBV20-1*ap02

1632 sequences assigned
1611 (98.7%) exact matches, in which:
1579 unique CDR3
13 unique J



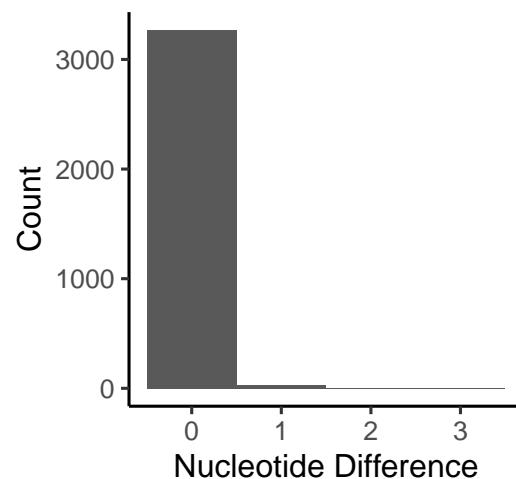
TRBV1*ap01

520 sequences assigned
506 (97.3%) exact matches, in which:
493 unique CDR3
13 unique J



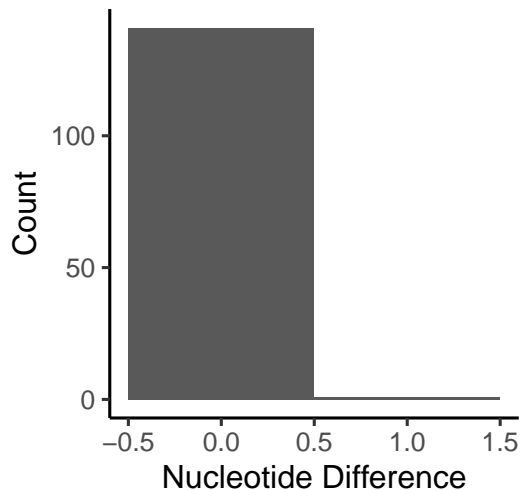
TRBV15*ap02

3303 sequences assigned
3268 (98.9%) exact matches, in which:
3238 unique CDR3
13 unique J



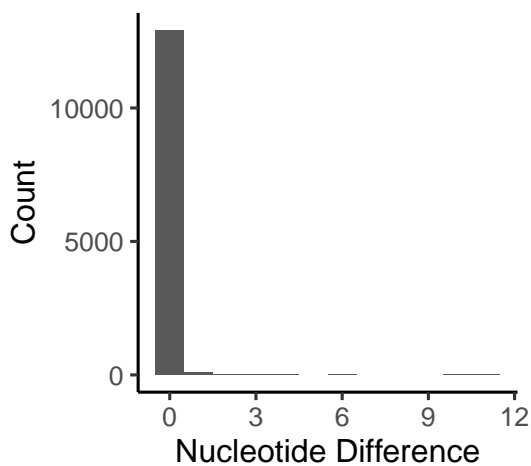
TRBV16*ap01

142 sequences assigned
141 (99.3%) exact matches, in which:
141 unique CDR3
13 unique J



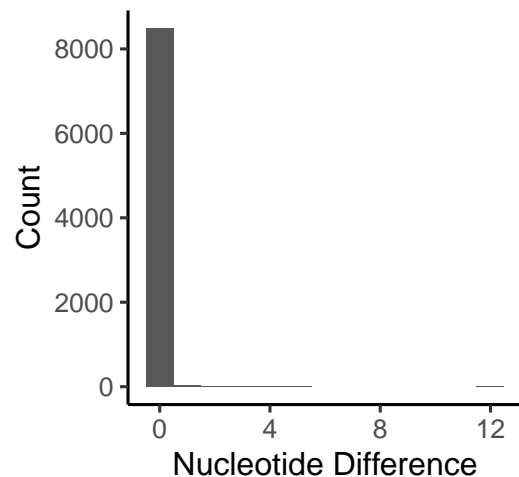
TRBV19*ap01

13045 sequences assigned
12915 (99%) exact matches, in which:
12820 unique CDR3
13 unique J



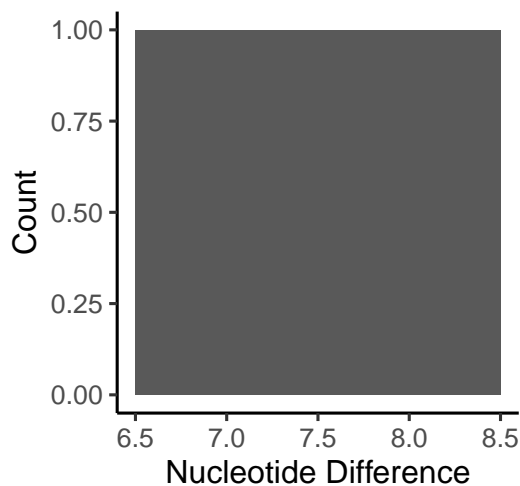
TRBV27*ap01

8547 sequences assigned
8486 (99.3%) exact matches, in which:
8426 unique CDR3
13 unique J



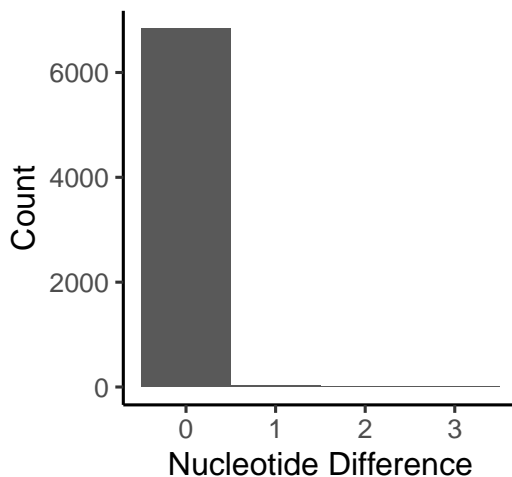
TRBV17*ap01

2 sequences assigned
No exact matches.



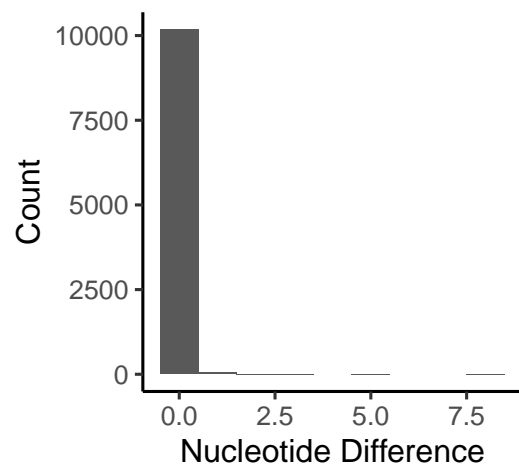
TRBV2*ap01

6883 sequences assigned
6835 (99.3%) exact matches, in which:
6789 unique CDR3
14 unique J



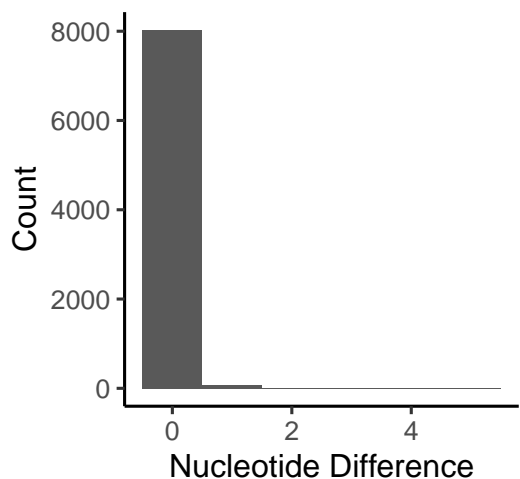
TRBV28*ap01

10243 sequences assigned
10180 (99.4%) exact matches, in which:
10077 unique CDR3
13 unique J



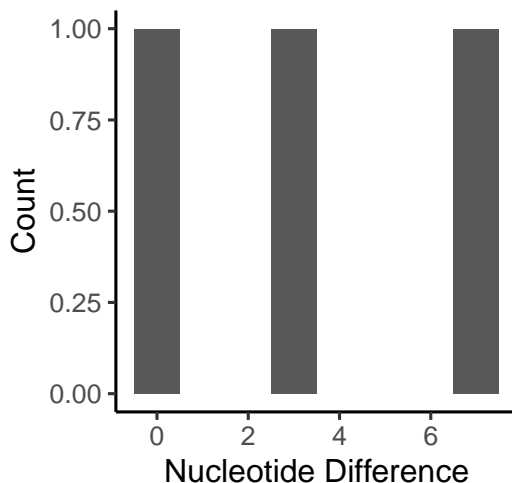
TRBV18*ap01

8117 sequences assigned
8026 (98.9%) exact matches, in which:
7855 unique CDR3
13 unique J



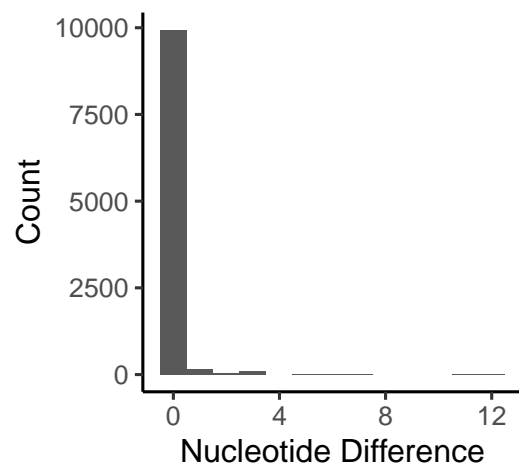
TRBV26*ap01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



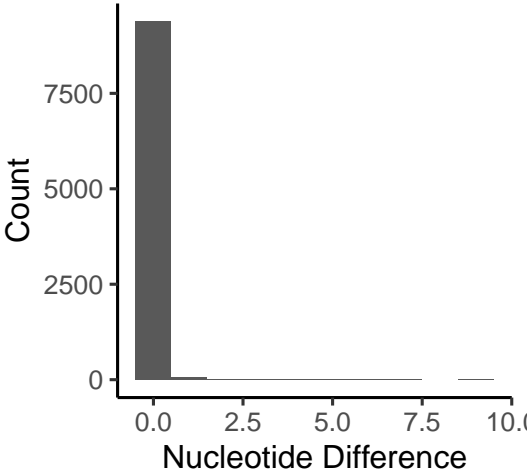
TRBV30*ap01

10253 sequences assigned
9941 (97%) exact matches, in which:
9732 unique CDR3
13 unique J



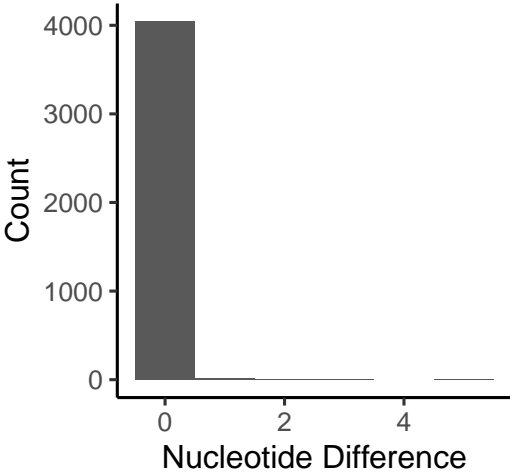
TRBV9*ap01

9471 sequences assigned
9385 (99.1%) exact matches, in which:
9276 unique CDR3
13 unique J



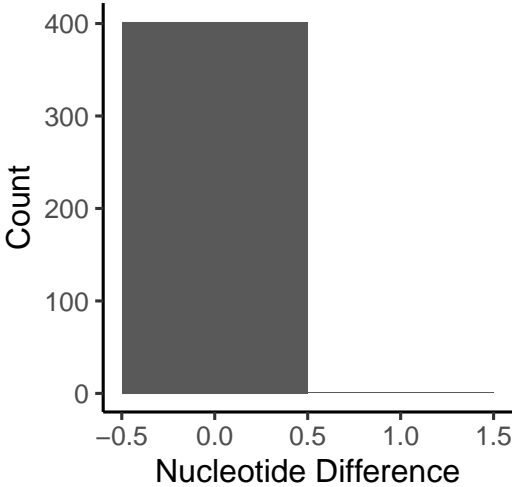
TRBV11-2*ap01

4069 sequences assigned
4044 (99.4%) exact matches, in which:
4018 unique CDR3
13 unique J



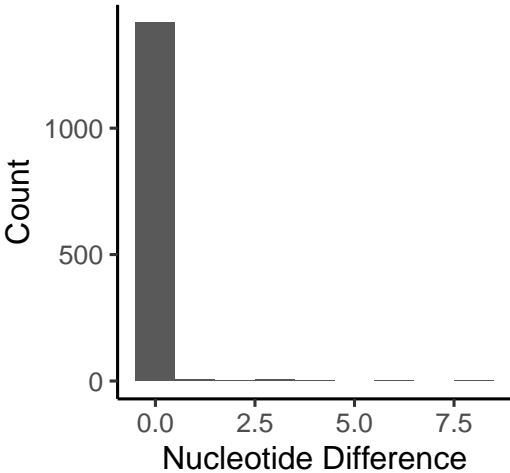
TRBV12-2*ap01

403 sequences assigned
402 (99.8%) exact matches, in which:
398 unique CDR3
13 unique J



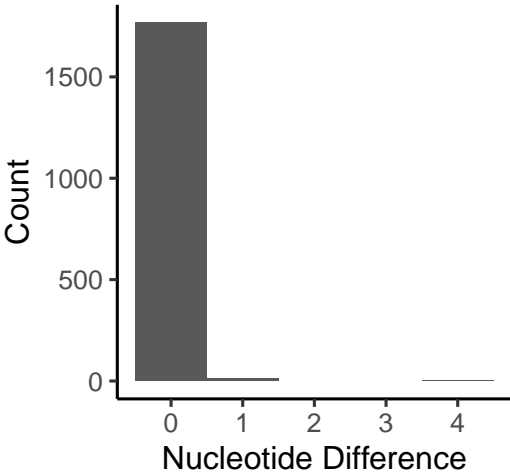
TRBV21-1*ap01

1432 sequences assigned
1417 (99%) exact matches, in which:
1415 unique CDR3
13 unique J



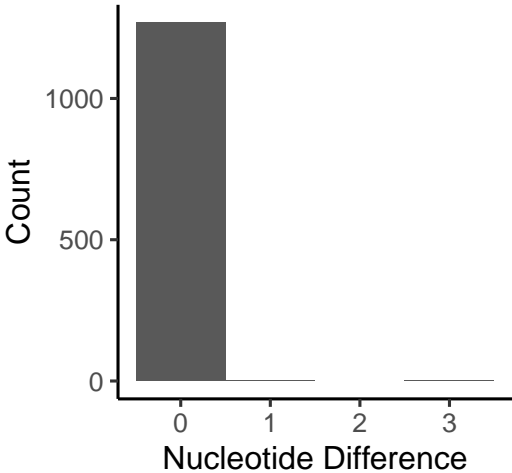
TRBV11-3*ap01

1780 sequences assigned
1767 (99.3%) exact matches, in which:
1755 unique CDR3
13 unique J



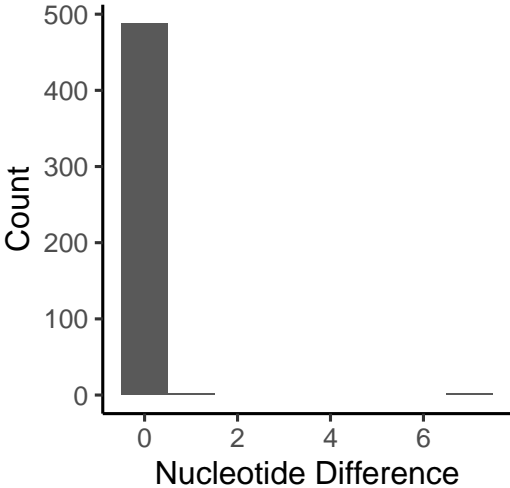
TRBV12-5*ap01

1274 sequences assigned
1268 (99.5%) exact matches, in which:
1254 unique CDR3
13 unique J



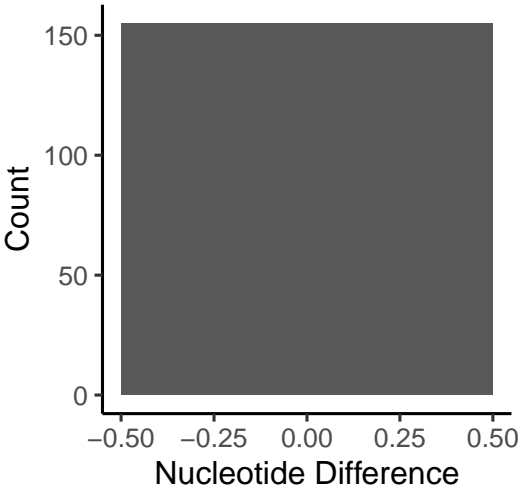
TRBV11-1*ap01

492 sequences assigned
488 (99.2%) exact matches, in which:
480 unique CDR3
13 unique J



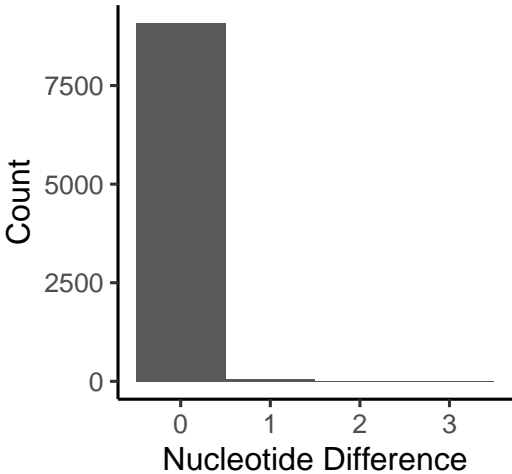
TRBV12-1*ap01

155 sequences assigned
155 (100%) exact matches, in which:
153 unique CDR3
13 unique J



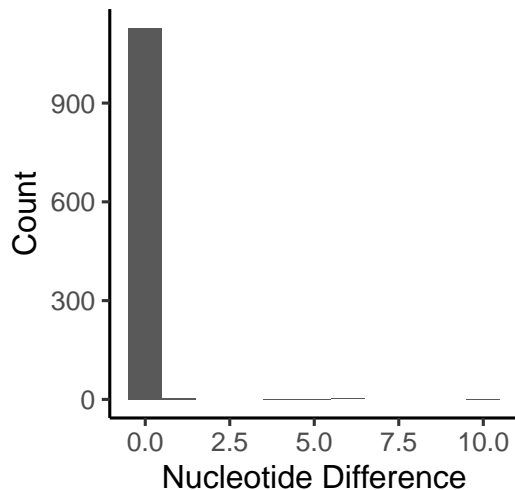
TRBV12-34*ap01

9150 sequences assigned
9085 (99.3%) exact matches, in which:
9008 unique CDR3
13 unique J



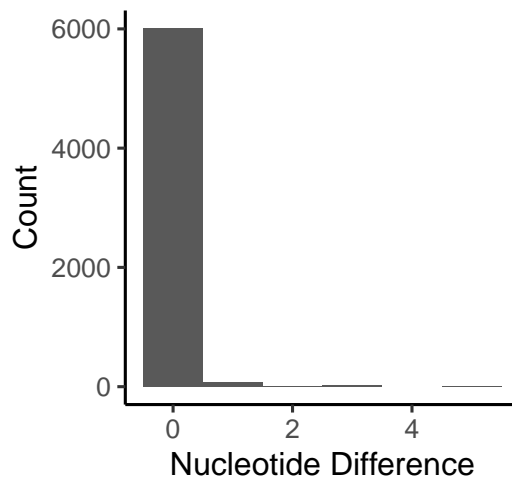
TRBV23-1*ap01

1142 sequences assigned
1129 (98.9%) exact matches, in which:
1120 unique CDR3
13 unique J



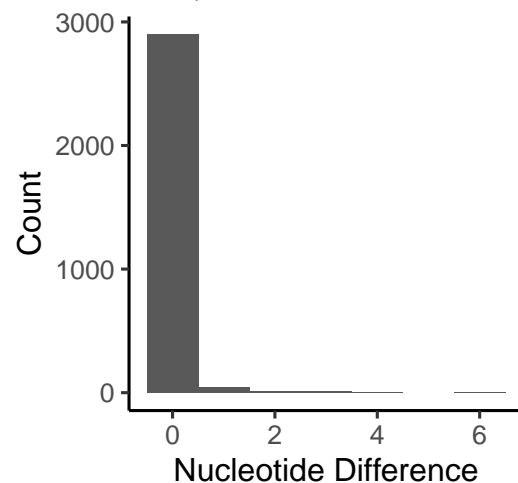
TRBV4-1*ap01

6114 sequences assigned
6008 (98.3%) exact matches, in which:
5900 unique CDR3
13 unique J



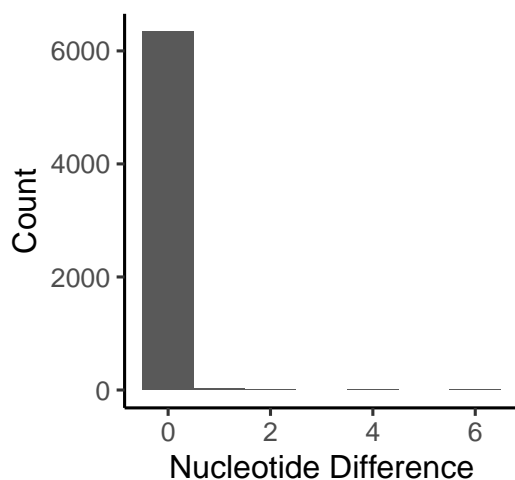
TRBV25-1*ap01

2967 sequences assigned
2899 (97.7%) exact matches, in which:
2852 unique CDR3
13 unique J



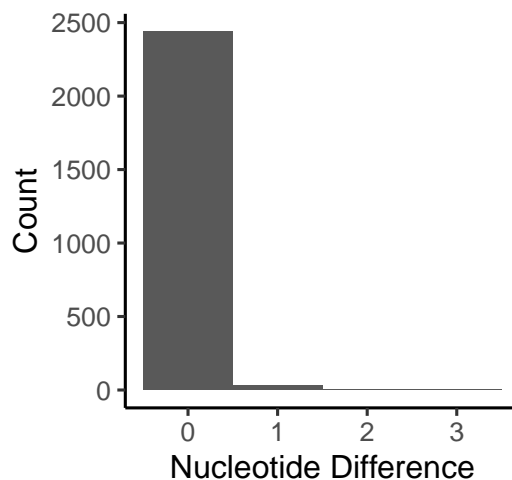
TRBV3-12*ap01

6376 sequences assigned
6339 (99.4%) exact matches, in which:
6296 unique CDR3
13 unique J



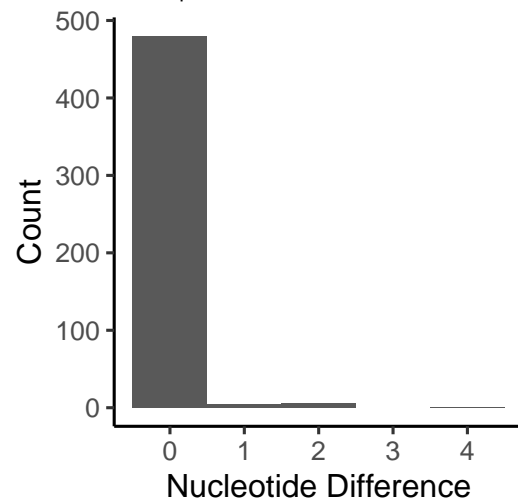
TRBV4-2*ap01

2475 sequences assigned
2438 (98.5%) exact matches, in which:
2384 unique CDR3
13 unique J



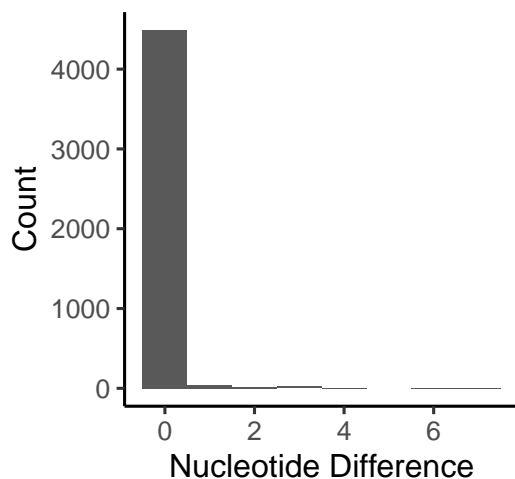
TRBV5-3*ap01

491 sequences assigned
480 (97.8%) exact matches, in which:
475 unique CDR3
13 unique J



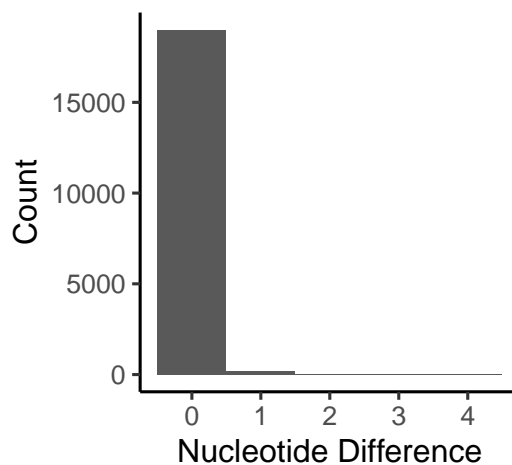
TRBV24-1*ap01

4576 sequences assigned
4490 (98.1%) exact matches, in which:
4432 unique CDR3
13 unique J



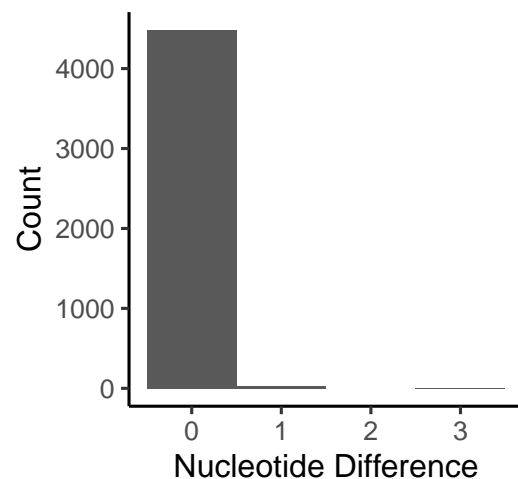
TRBV5-1*ap01

19217 sequences assigned
18998 (98.9%) exact matches, in which:
18714 unique CDR3
13 unique J



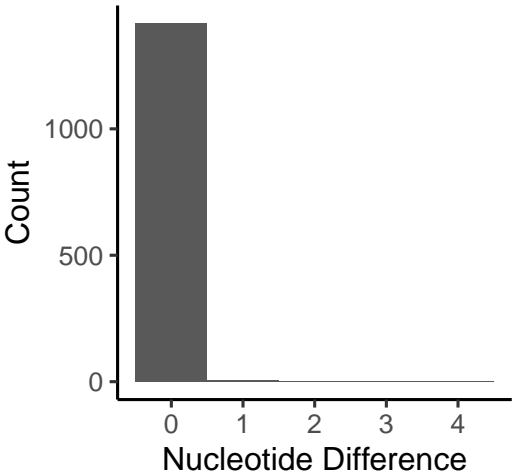
TRBV5-4*ap01

4512 sequences assigned
4482 (99.3%) exact matches, in which:
4440 unique CDR3
13 unique J



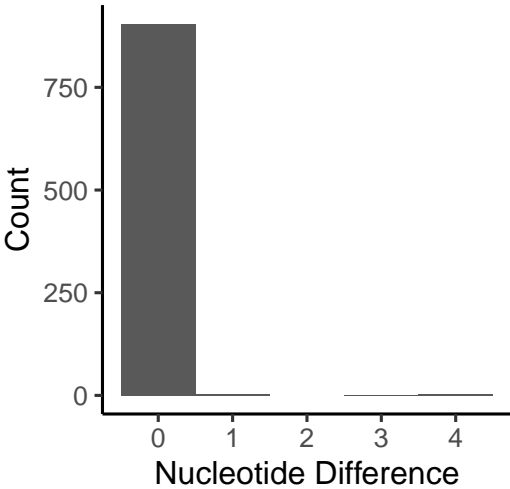
TRBV5-5*ap01

1428 sequences assigned
1417 (99.2%) exact matches, in which:
1412 unique CDR3
13 unique J



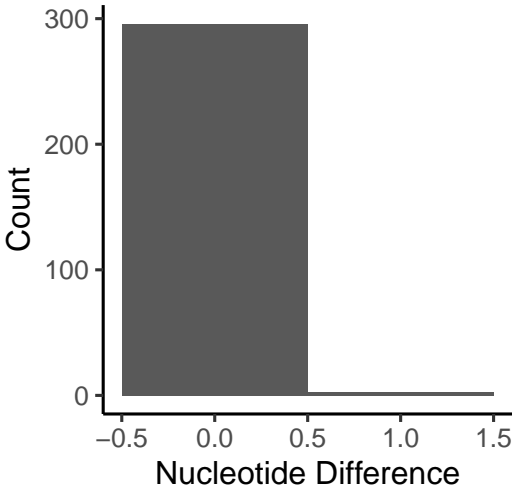
TRBV5-8*ap01

913 sequences assigned
905 (99.1%) exact matches, in which:
901 unique CDR3
13 unique J



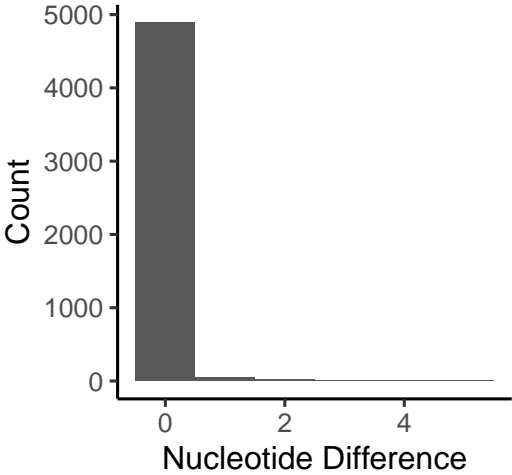
TRBV6-7*ap01

299 sequences assigned
296 (99%) exact matches, in which:
289 unique CDR3
13 unique J



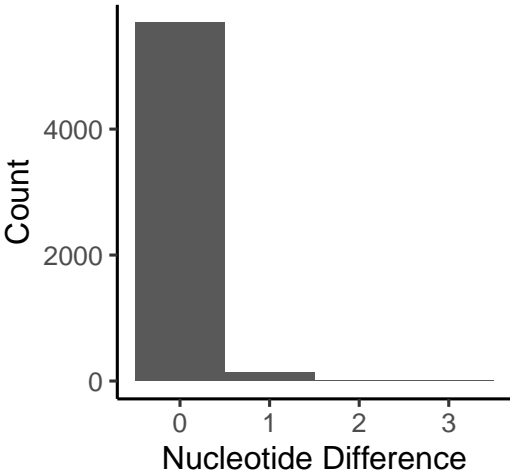
TRBV5-6*ap01

4966 sequences assigned
4889 (98.4%) exact matches, in which:
4803 unique CDR3
13 unique J



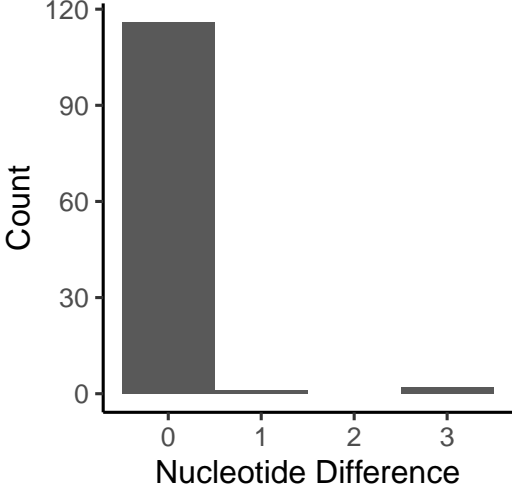
TRBV6-1*ap01

5845 sequences assigned
5689 (97.3%) exact matches, in which:
5588 unique CDR3
13 unique J



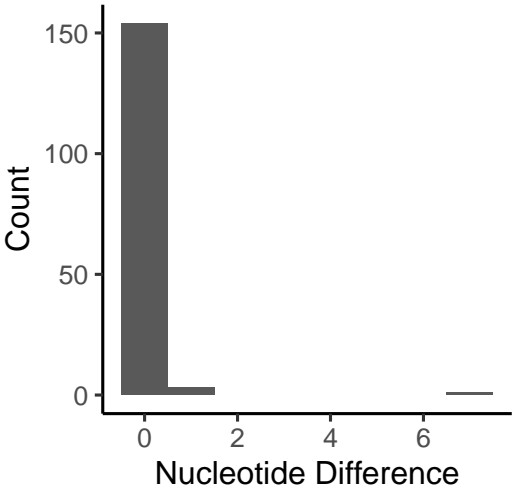
TRBV6-8*ap01

119 sequences assigned
116 (97.5%) exact matches, in which:
112 unique CDR3
13 unique J



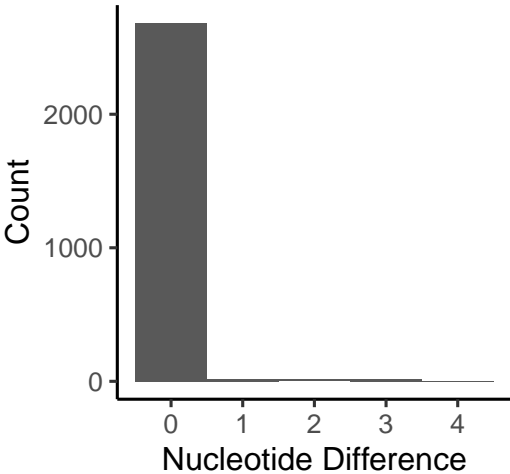
TRBV5-7*ap01

158 sequences assigned
154 (97.5%) exact matches, in which:
150 unique CDR3
13 unique J



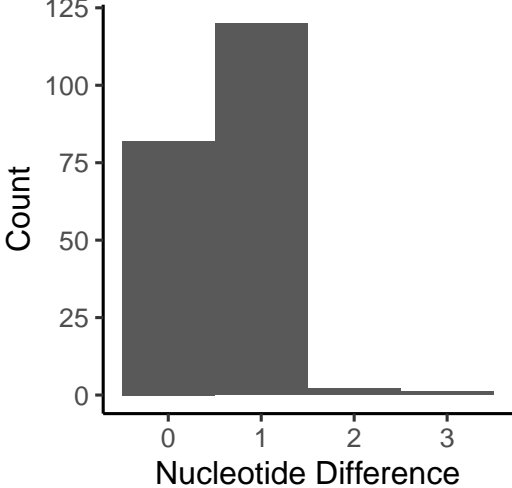
TRBV6-4*ap01

2733 sequences assigned
2683 (98.2%) exact matches, in which:
2668 unique CDR3
13 unique J



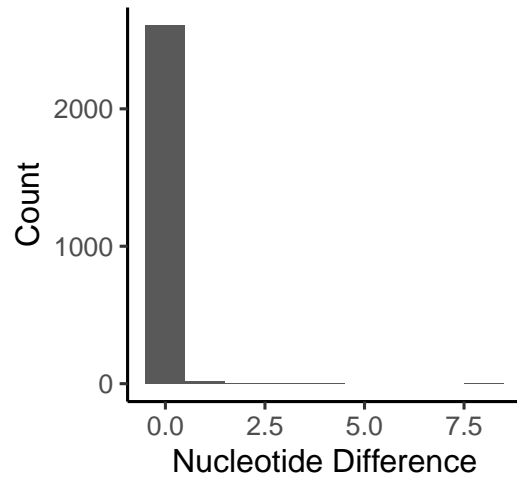
TRBV6-9*ap01

205 sequences assigned
82 (40%) exact matches, in which:
80 unique CDR3
13 unique J



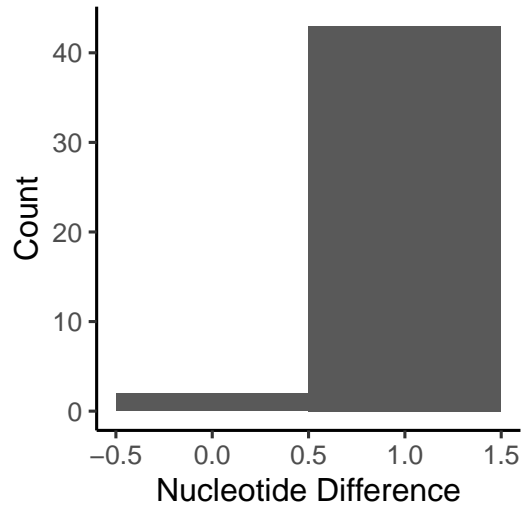
TRBV6-23*ap01

2629 sequences assigned
2607 (99.2%) exact matches, in which:
2580 unique CDR3
13 unique J



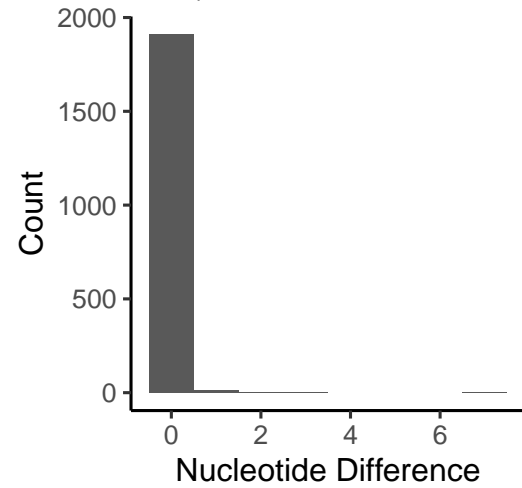
TRBV7-1*ap01_T296C

45 sequences assigned
2 (4.4%) exact matches, in which:
2 unique CDR3
1 unique J



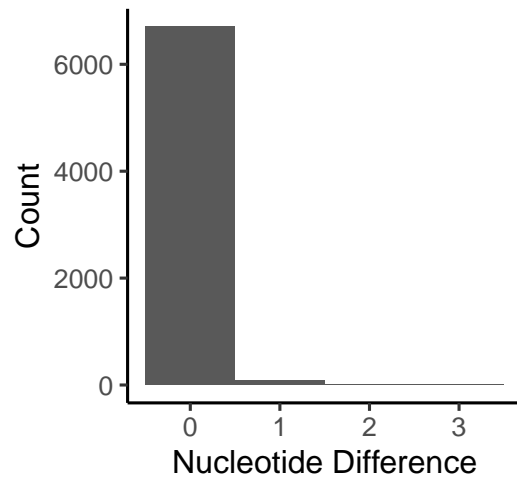
TRBV7-3*ap01

1924 sequences assigned
1910 (99.3%) exact matches, in which:
1895 unique CDR3
13 unique J



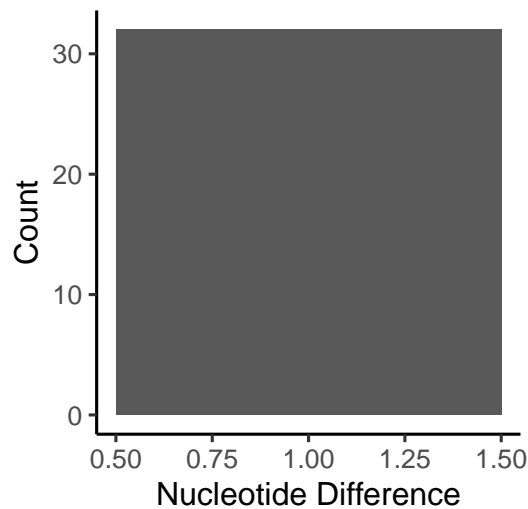
TRBV6-56*ap01

6794 sequences assigned
6703 (98.7%) exact matches, in which:
6564 unique CDR3
13 unique J



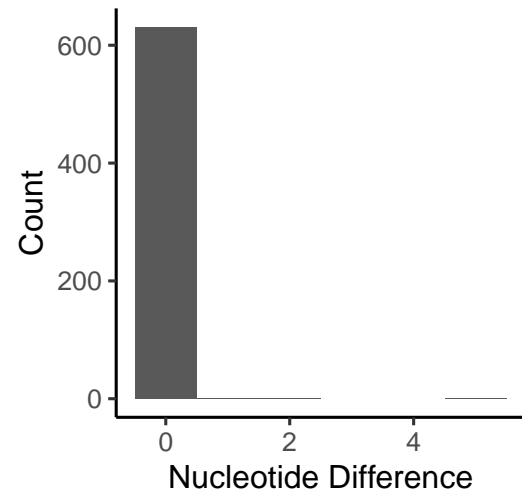
TRBV7-1*ap01_T296C_C

32 sequences assigned
No exact matches.



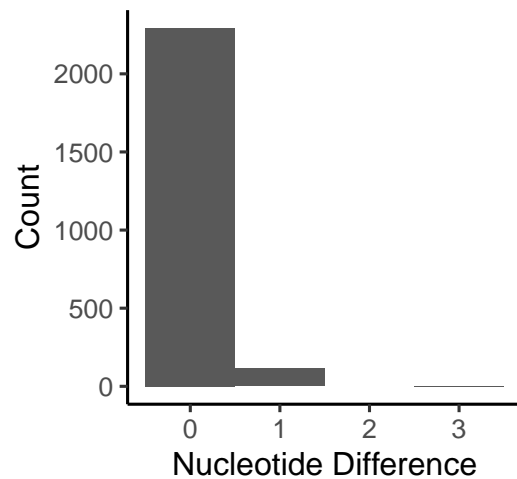
TRBV7-3*ap03

634 sequences assigned
631 (99.5%) exact matches, in which:
626 unique CDR3
13 unique J



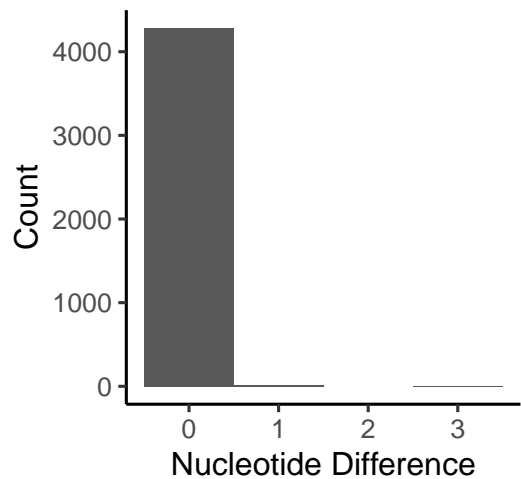
TRBV6-56*ap02

2410 sequences assigned
2293 (95.1%) exact matches, in which:
2242 unique CDR3
13 unique J



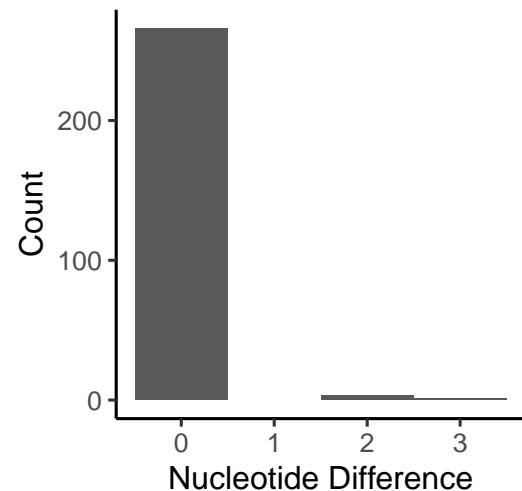
TRBV7-2*ap01

4300 sequences assigned
4283 (99.6%) exact matches, in which:
4246 unique CDR3
13 unique J



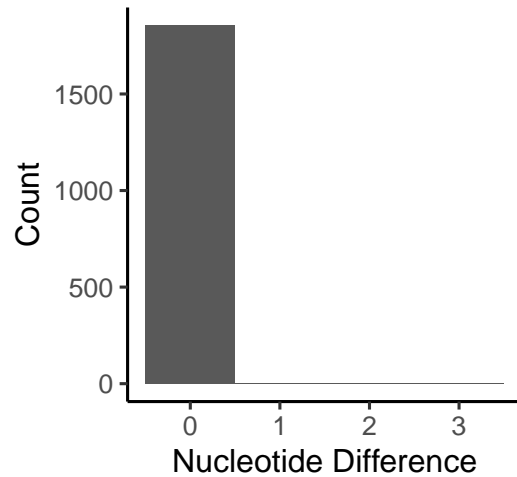
TRBV7-4*ap01

270 sequences assigned
266 (98.5%) exact matches, in which:
263 unique CDR3
13 unique J



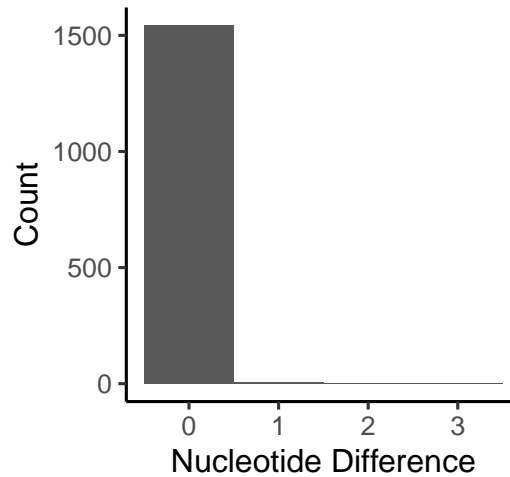
TRBV7-6*ap01

1864 sequences assigned
1855 (99.5%) exact matches, in which:
1833 unique CDR3
13 unique J



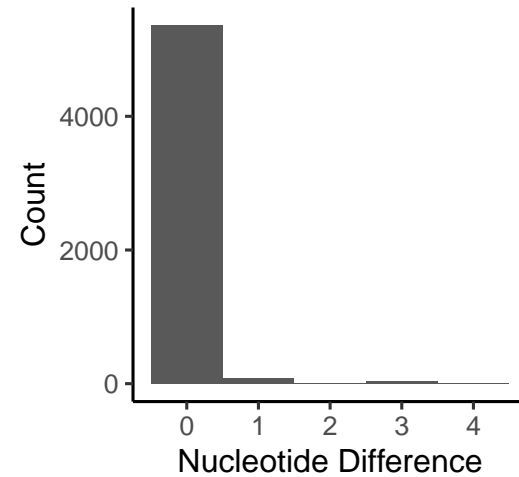
TRBV7-8*ap01

1552 sequences assigned
1543 (99.4%) exact matches, in which:
1534 unique CDR3
13 unique J



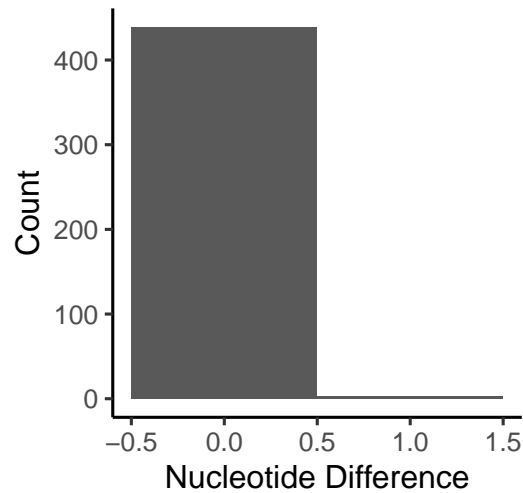
TRBV29-1*ap01

5489 sequences assigned
5360 (97.6%) exact matches, in which:
5208 unique CDR3
13 unique J



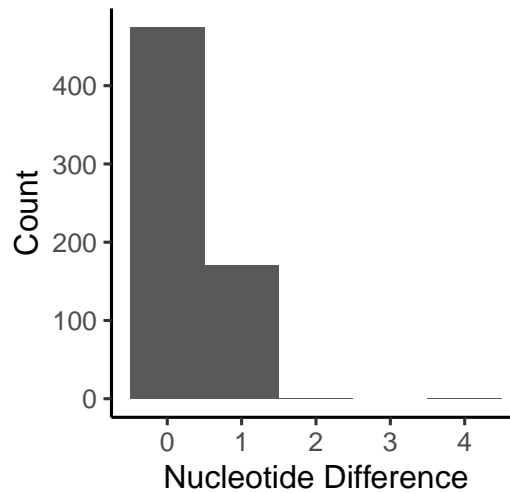
TRBV7-7*ap01

442 sequences assigned
439 (99.3%) exact matches, in which:
437 unique CDR3
13 unique J



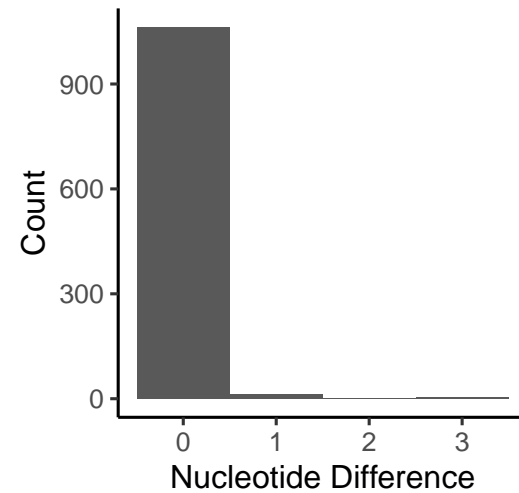
TRBV7-8*ap03

648 sequences assigned
475 (73.3%) exact matches, in which:
470 unique CDR3
13 unique J



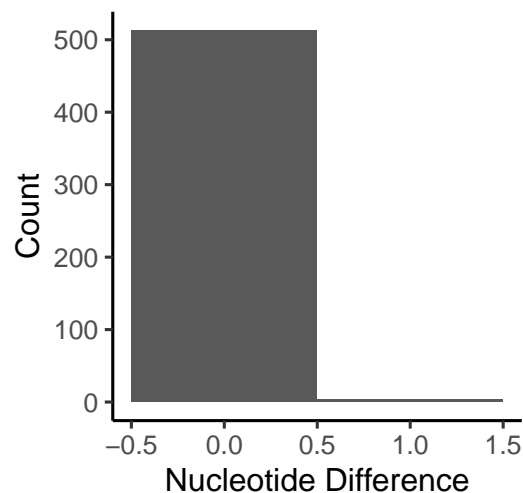
TRBV29-1*ap02

1079 sequences assigned
1063 (98.5%) exact matches, in which:
1036 unique CDR3
13 unique J



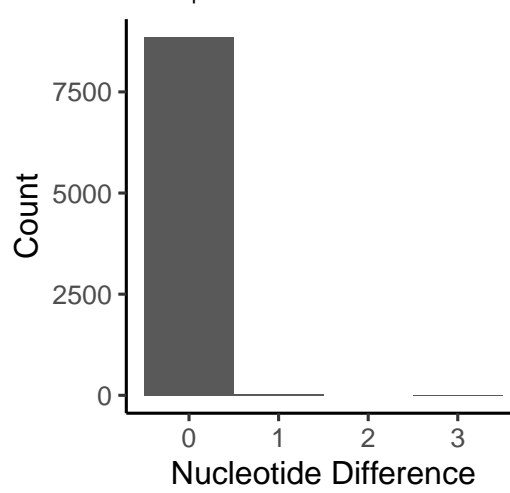
TRBV7-7*ap01_C315T

516 sequences assigned
513 (99.4%) exact matches, in which:
507 unique CDR3
13 unique J

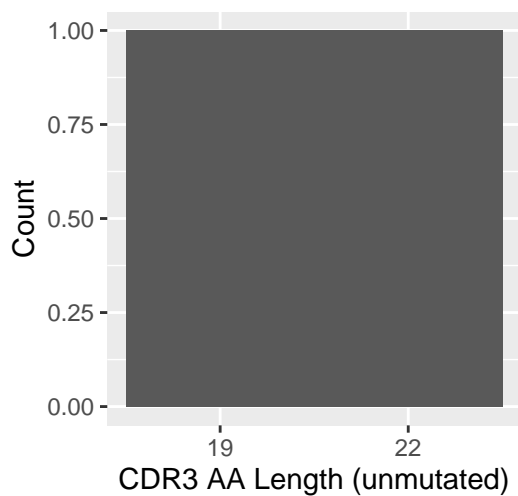


TRBV7-9*ap01

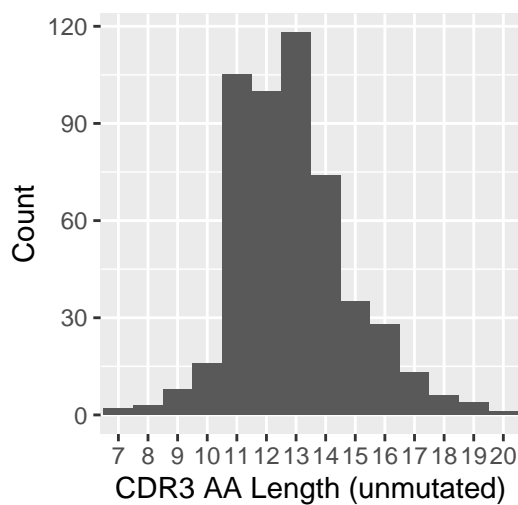
8897 sequences assigned
8856 (99.5%) exact matches, in which:
8762 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.