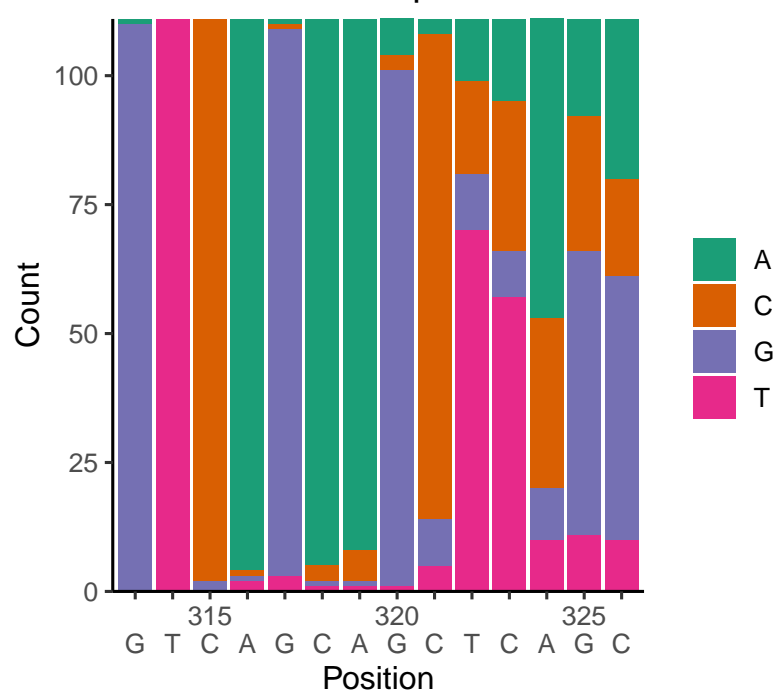
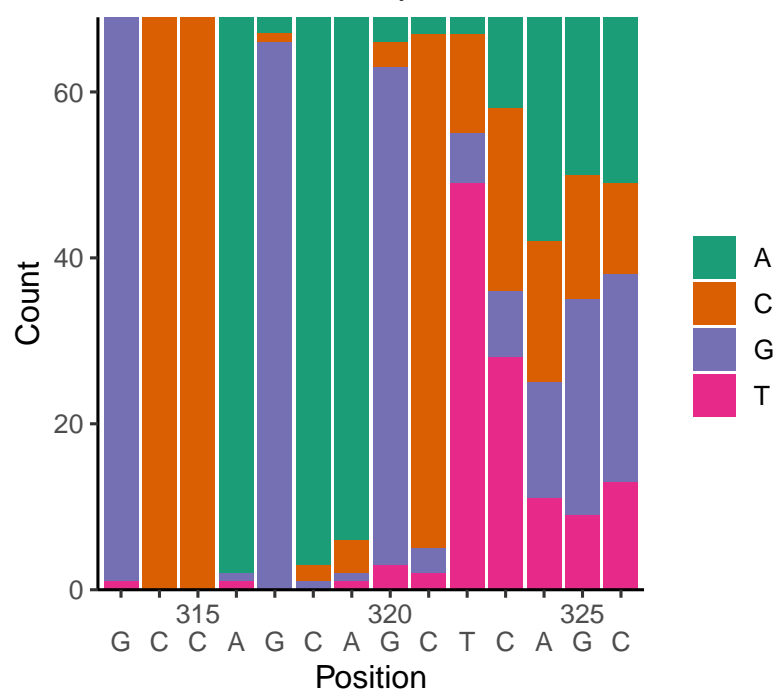


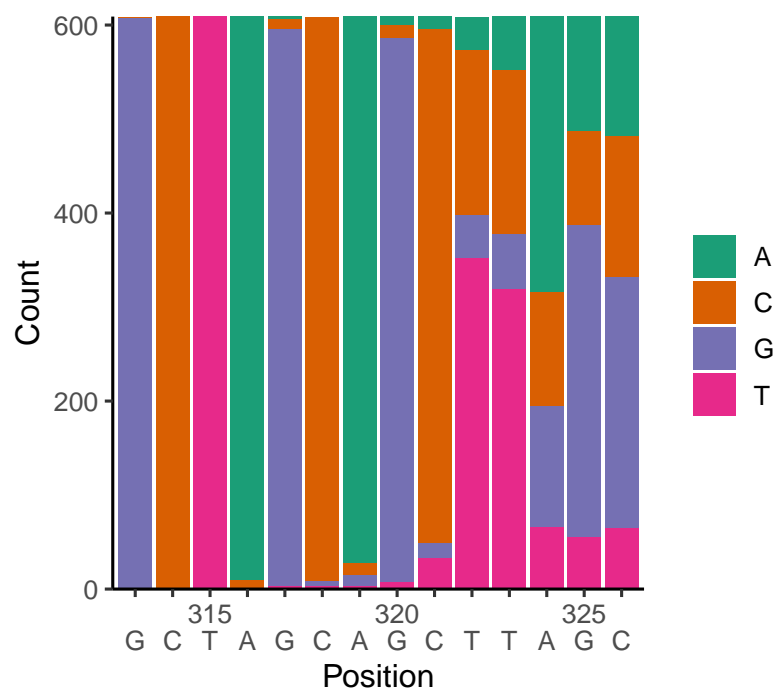
Gene TRBV7-1*ap01_G291C_T296C_C314T



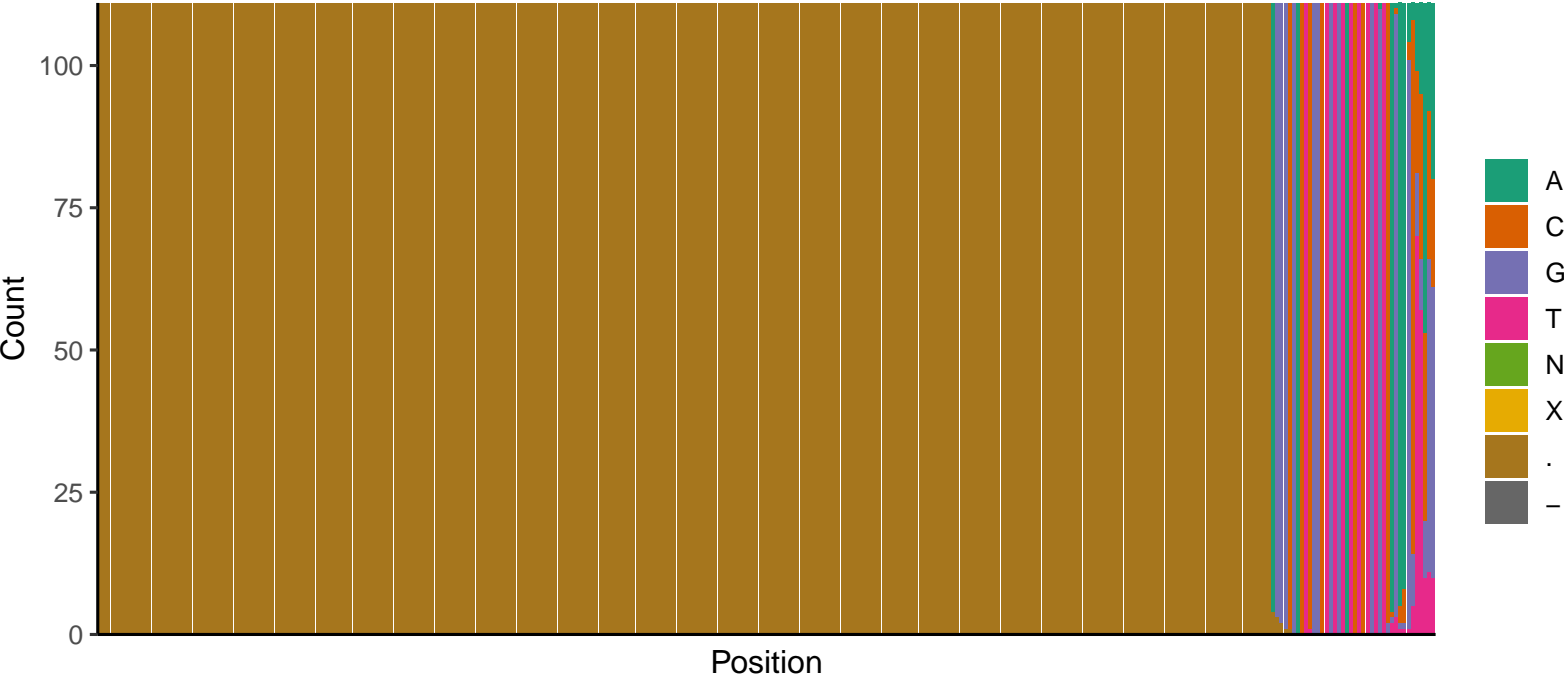
Gene TRBV7-1*ap01_G291C_T296C



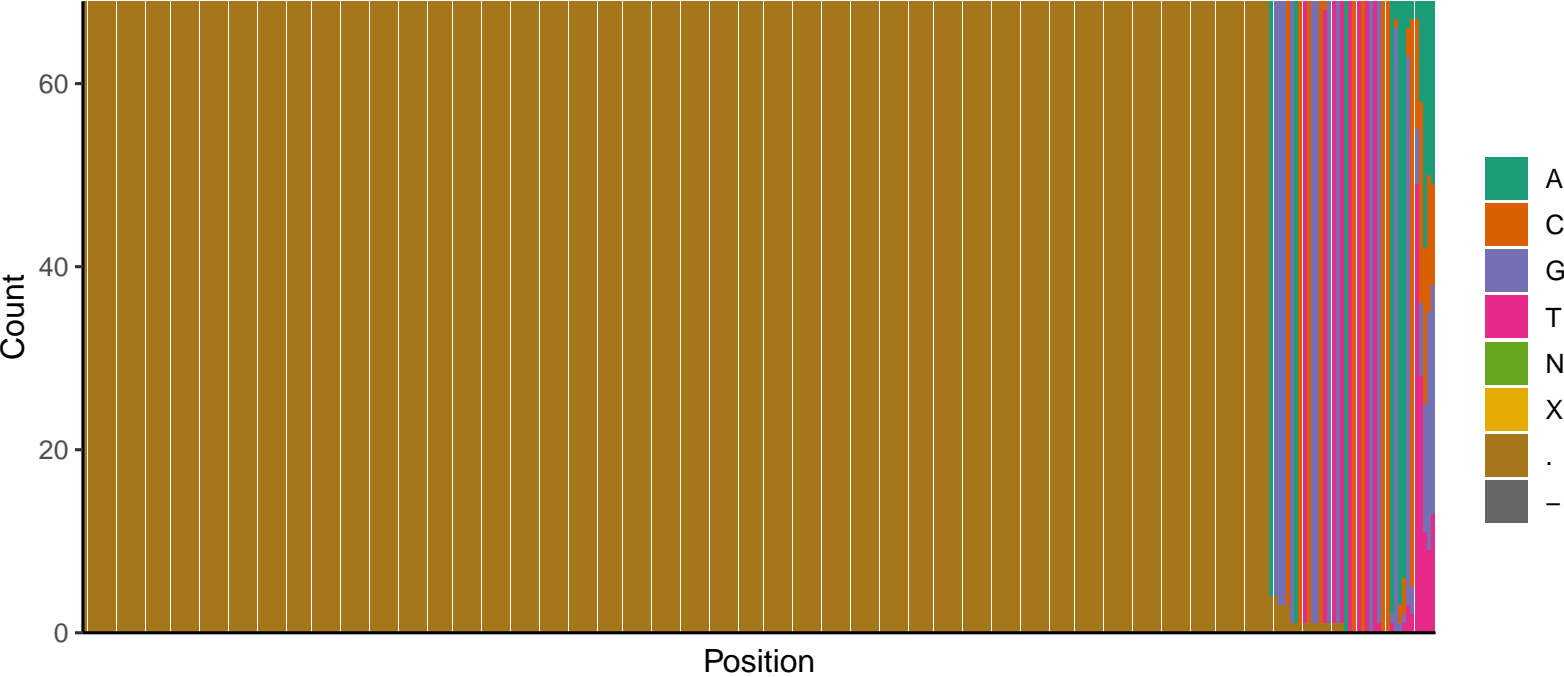
Gene TRBV7-7*ap01_C315T



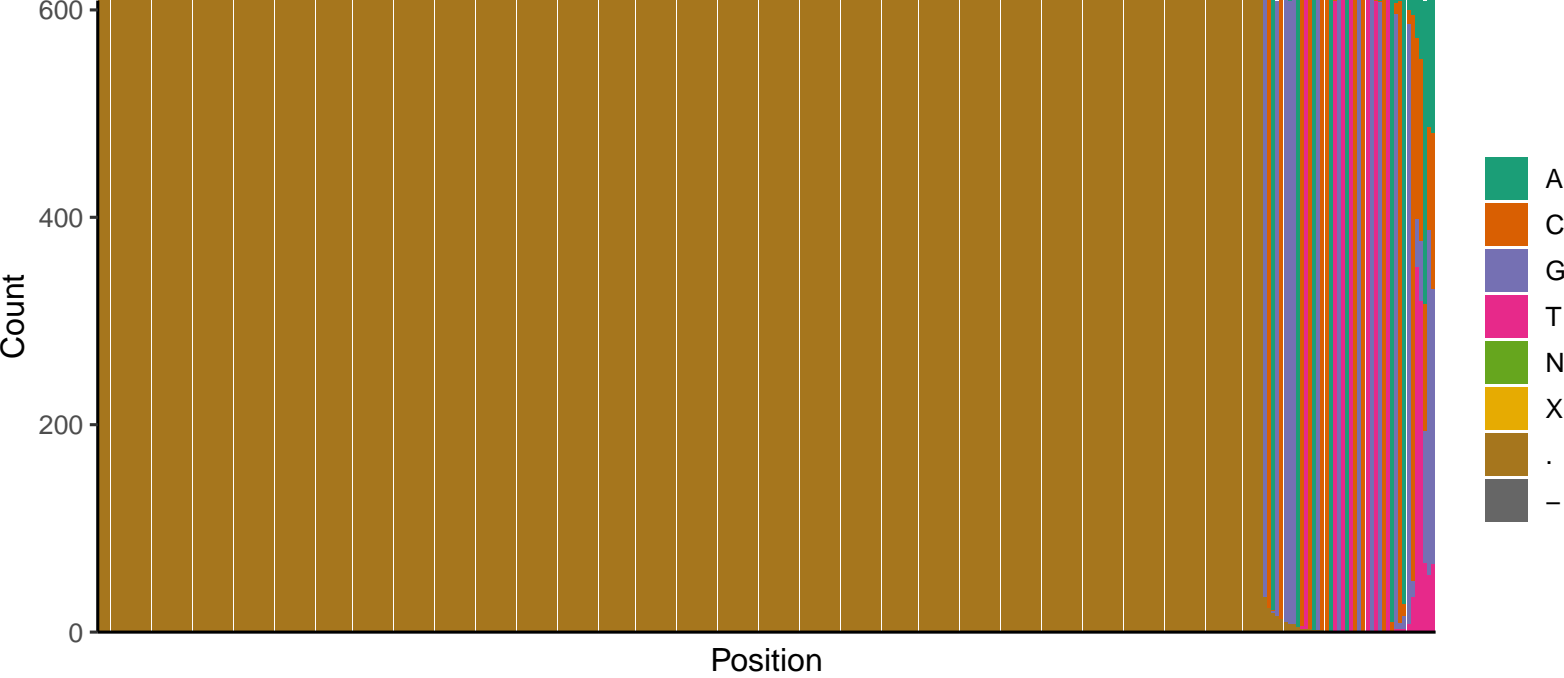
Gene TRBV7-1*ap01_G291C_T296C_C314T



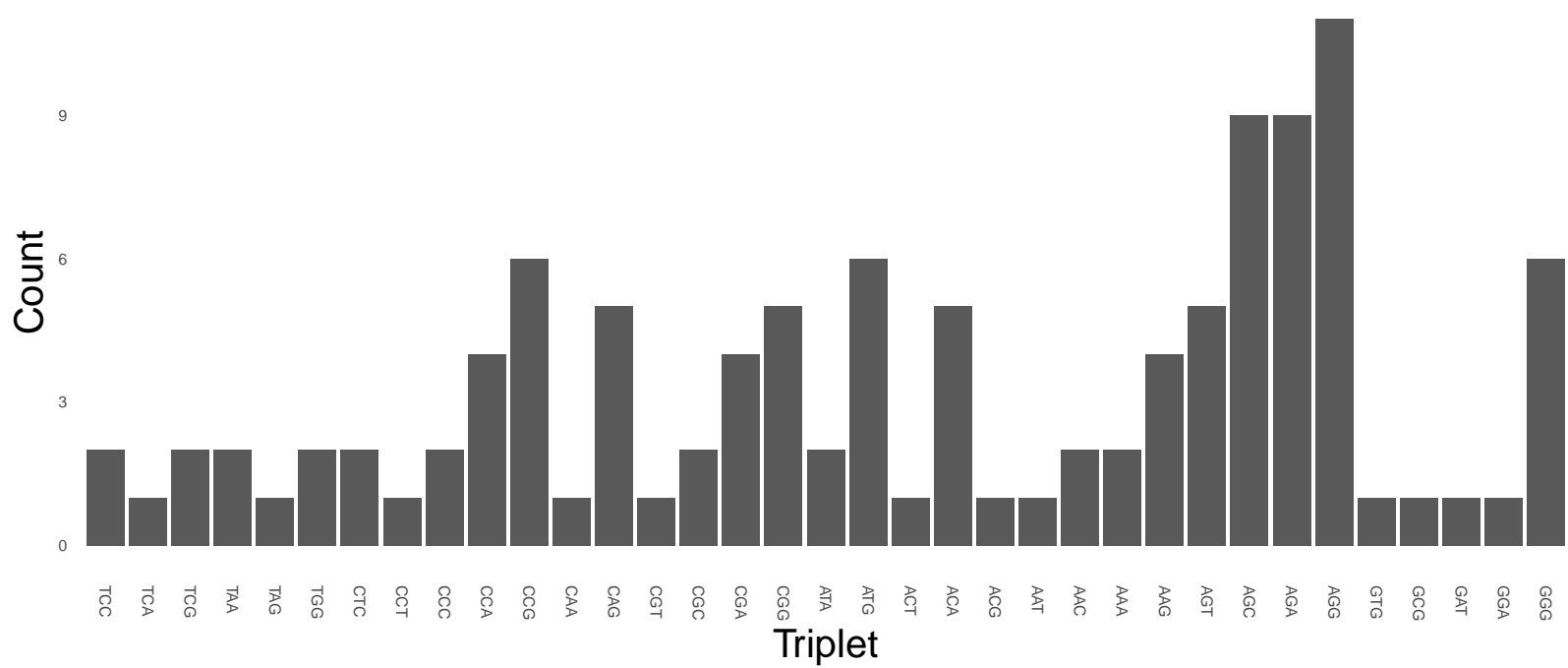
Gene TRBV7-1*ap01_G291C_T296C



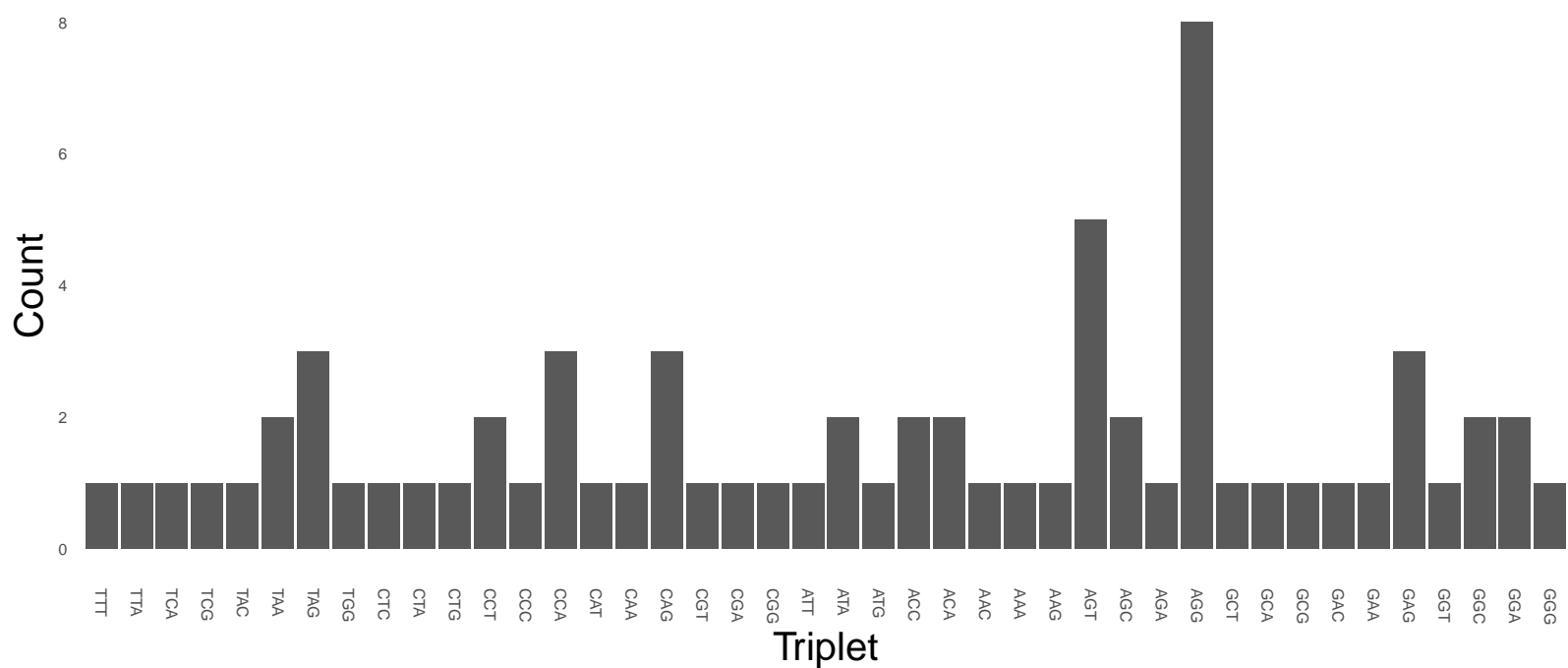
Gene TRBV7-7*ap01_C315T



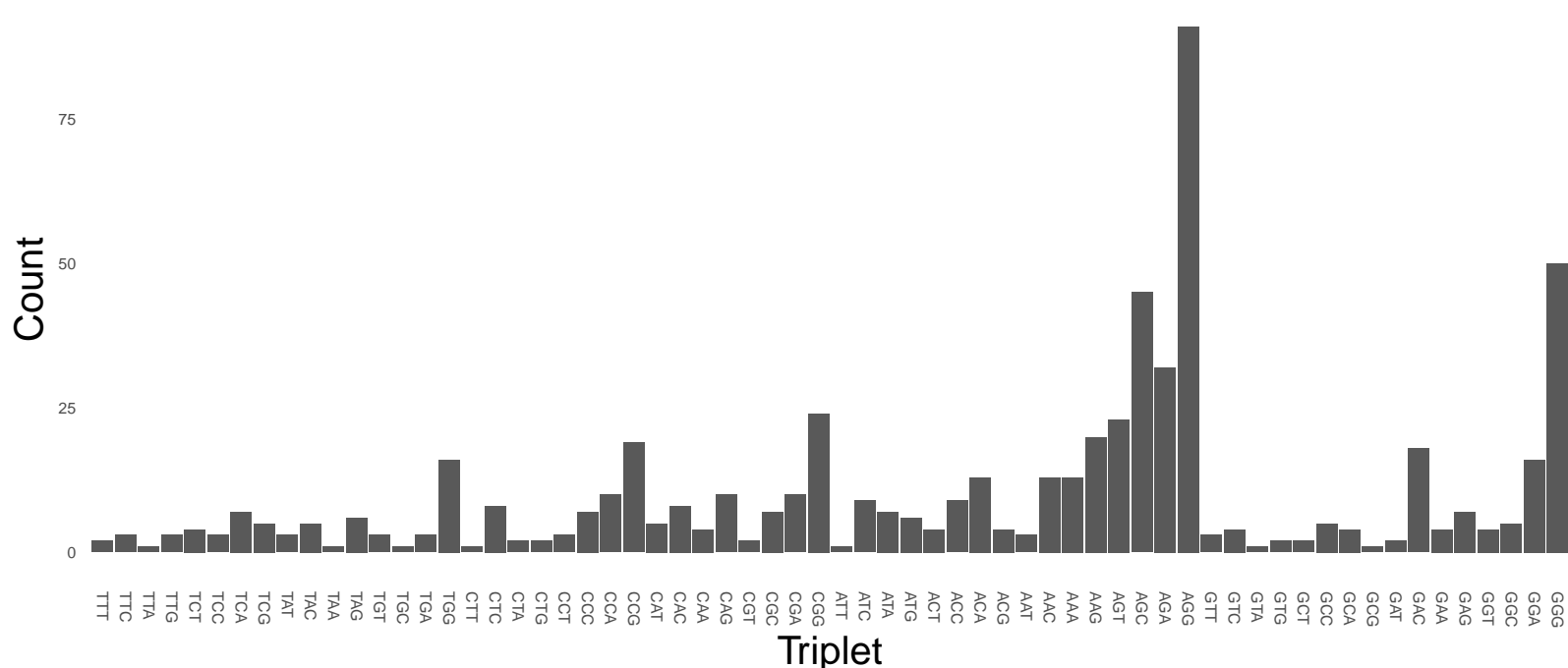
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

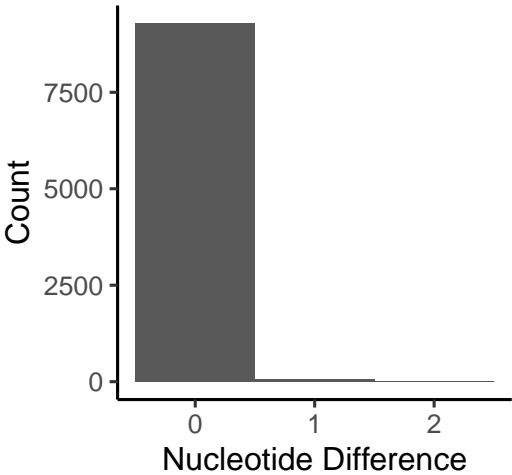


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



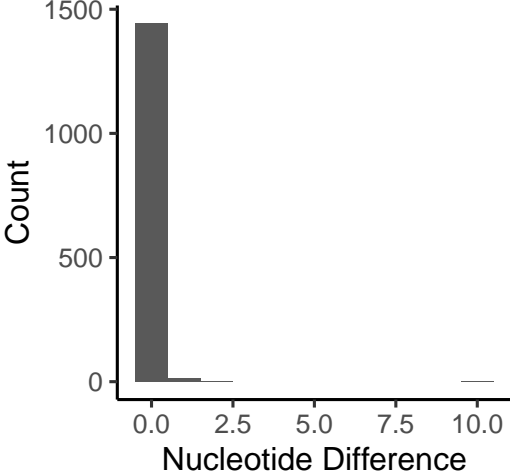
TRBV20-1*ap01

9362 sequences assigned
9285 (99.2%) exact matches, in which:
9237 unique CDR3
13 unique J



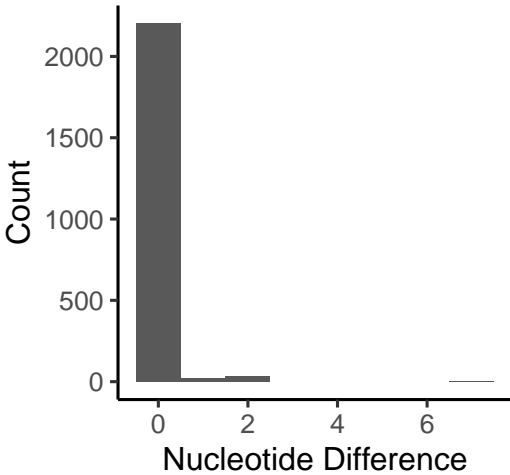
TRBV10-2*ap01

1459 sequences assigned
1443 (98.9%) exact matches, in which:
1438 unique CDR3
13 unique J



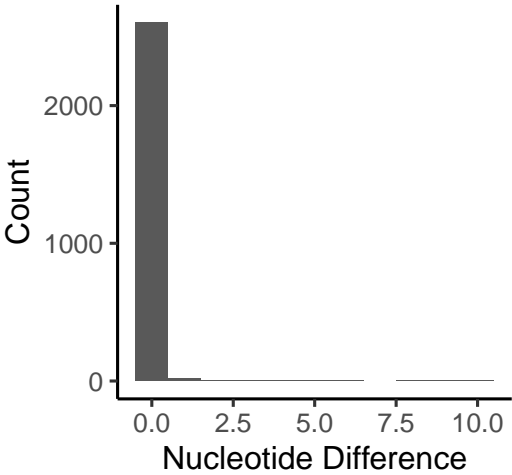
TRBV13*ap01

2258 sequences assigned
2203 (97.6%) exact matches, in which:
2188 unique CDR3
13 unique J



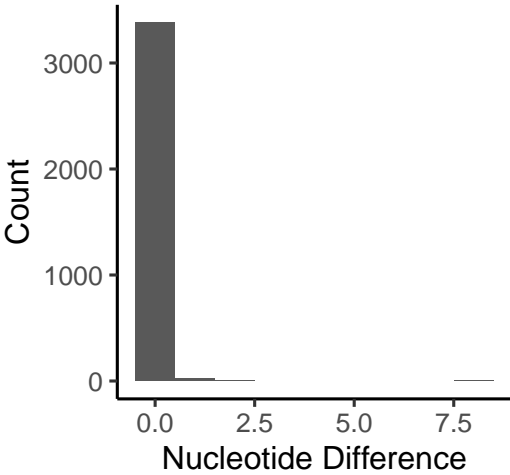
TRBV10-1*ap01

2631 sequences assigned
2602 (98.9%) exact matches, in which:
2591 unique CDR3
13 unique J



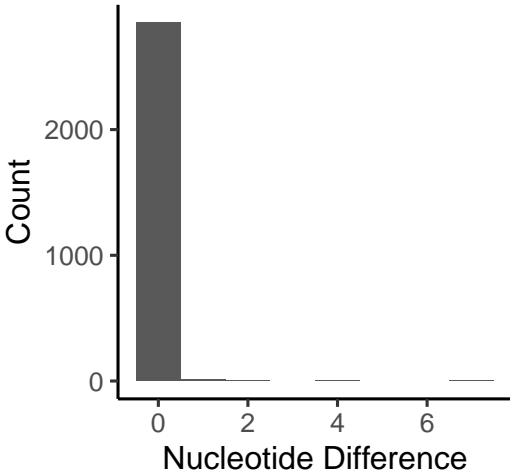
TRBV10-3*ap01

3405 sequences assigned
3380 (99.3%) exact matches, in which:
3365 unique CDR3
14 unique J



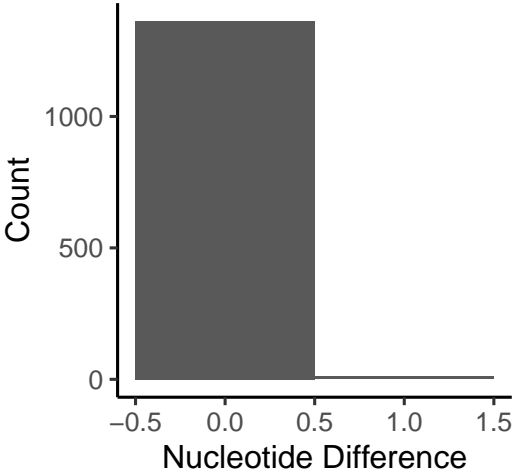
TRBV14*ap01

2869 sequences assigned
2850 (99.3%) exact matches, in which:
2841 unique CDR3
13 unique J



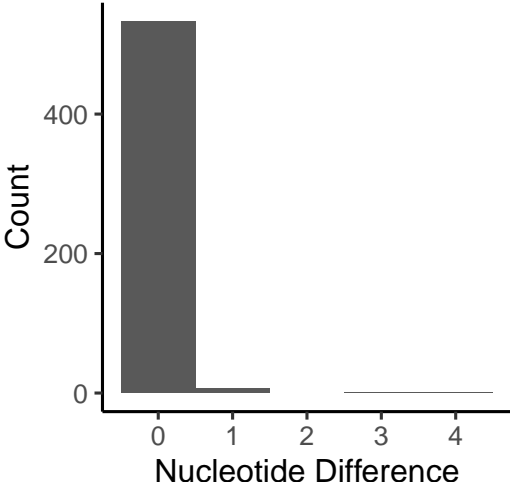
TRBV20-1*ap02

1374 sequences assigned
1363 (99.2%) exact matches, in which:
1357 unique CDR3
13 unique J



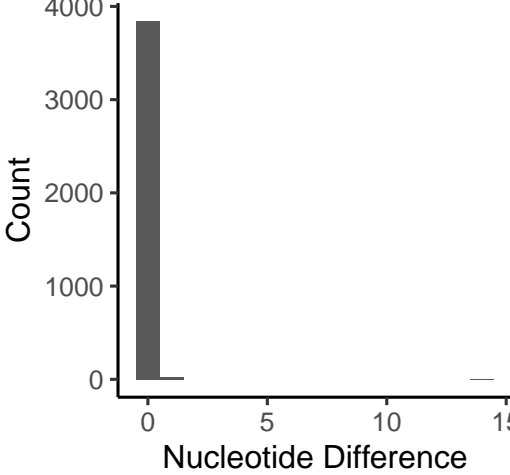
TRBV1*ap01

542 sequences assigned
533 (98.3%) exact matches, in which:
530 unique CDR3
13 unique J



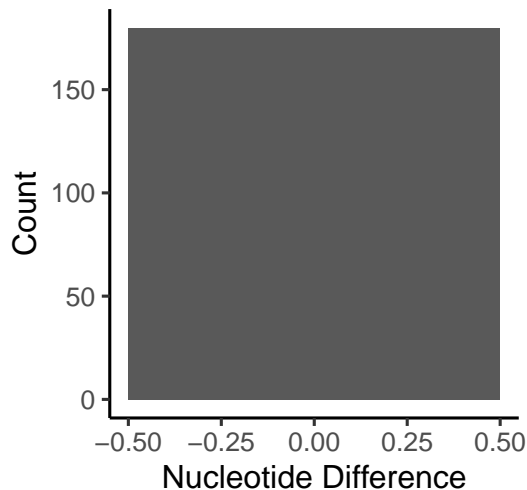
TRBV15*ap02

3871 sequences assigned
3843 (99.3%) exact matches, in which:
3820 unique CDR3
13 unique J



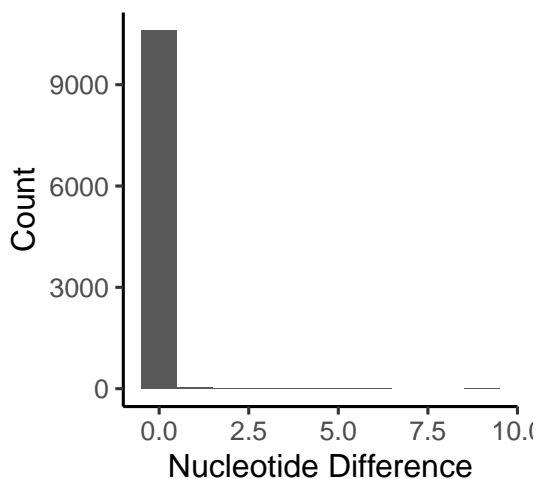
TRBV16*ap01

180 sequences assigned
180 (100%) exact matches, in which:
180 unique CDR3
13 unique J



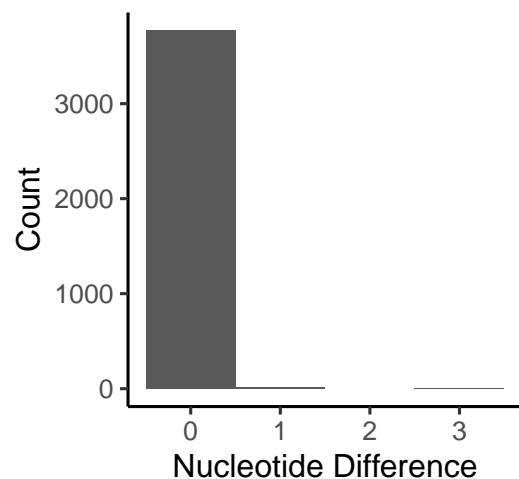
TRBV19*ap01

10665 sequences assigned
10607 (99.5%) exact matches, in which:
10592 unique CDR3
13 unique J



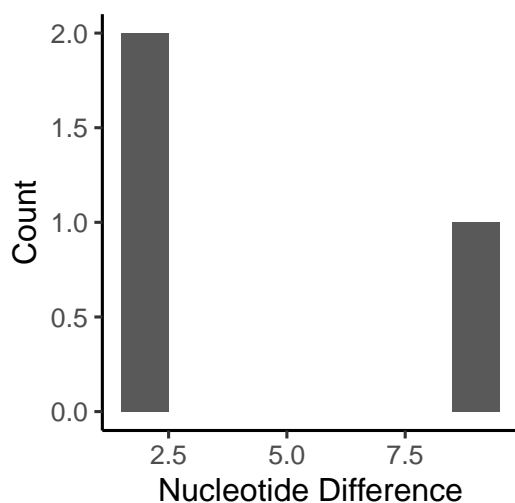
TRBV28*ap01

3792 sequences assigned
3771 (99.4%) exact matches, in which:
3760 unique CDR3
13 unique J



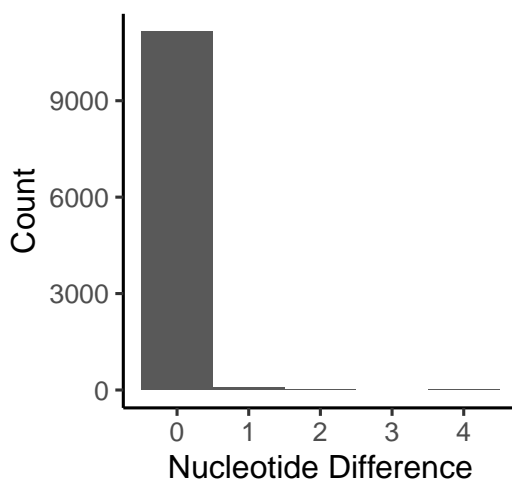
TRBV17*ap01

3 sequences assigned
No exact matches.



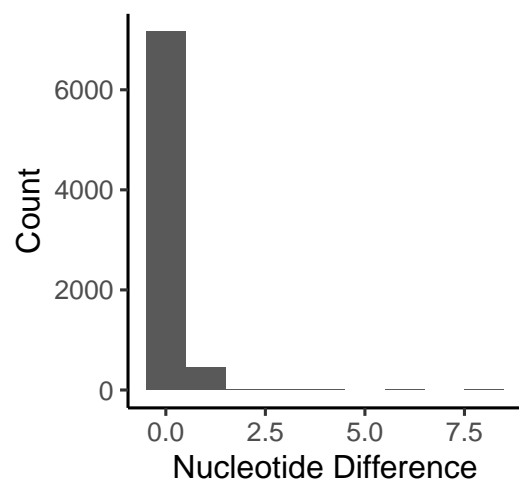
TRBV2*ap01

11243 sequences assigned
11146 (99.1%) exact matches, in which:
11083 unique CDR3
13 unique J



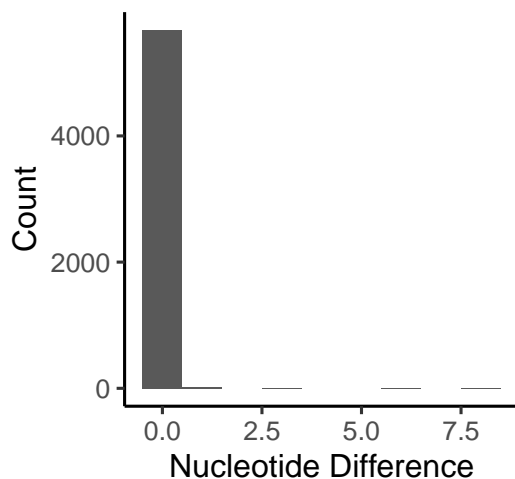
TRBV30*ap01

7618 sequences assigned
7160 (94%) exact matches, in which:
7134 unique CDR3
13 unique J



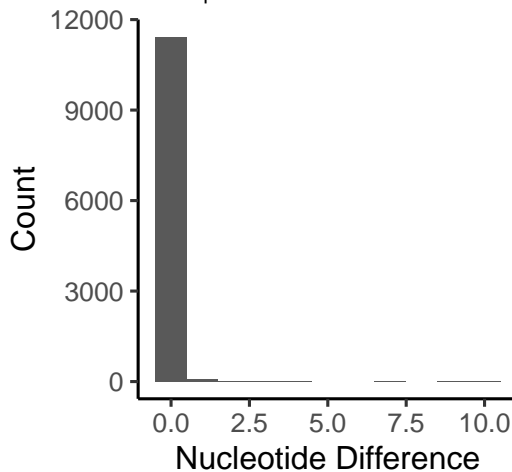
TRBV18*ap01

5703 sequences assigned
5678 (99.6%) exact matches, in which:
5664 unique CDR3
13 unique J



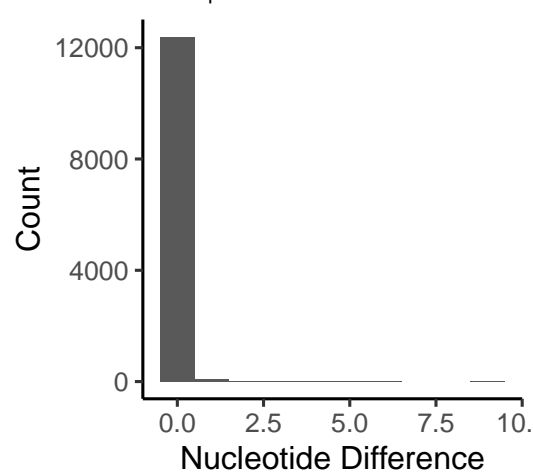
TRBV27*ap01

11526 sequences assigned
11430 (99.2%) exact matches, in which:
11368 unique CDR3
13 unique J



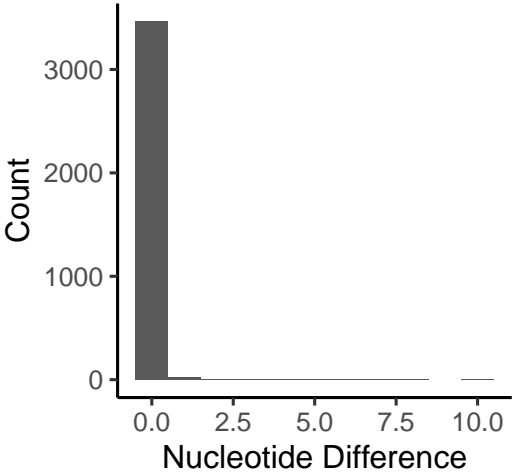
TRBV9*ap01

12483 sequences assigned
12392 (99.3%) exact matches, in which:
12309 unique CDR3
13 unique J



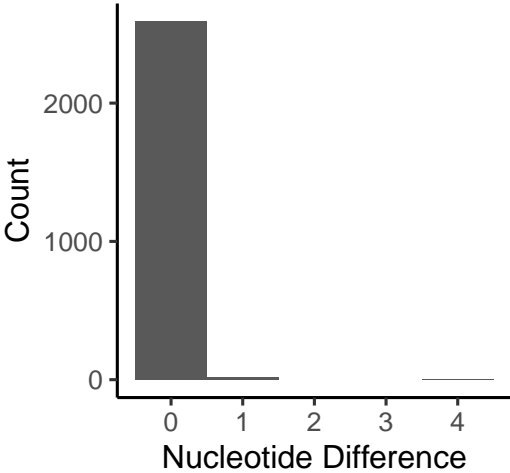
TRBV21-1*ap01

3511 sequences assigned
3465 (98.7%) exact matches, in which:
3450 unique CDR3
13 unique J



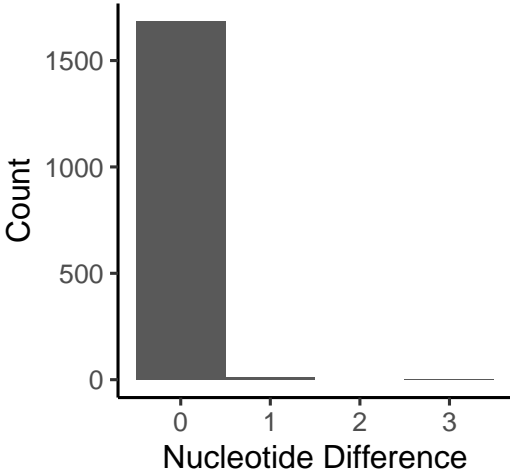
TRBV11-3*ap01

2613 sequences assigned
2591 (99.2%) exact matches, in which:
2580 unique CDR3
13 unique J



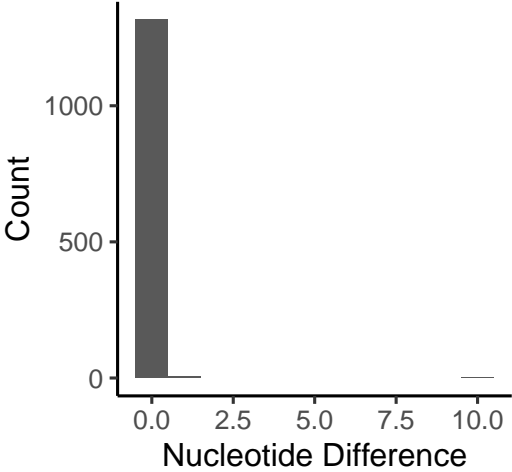
TRBV12-5*ap01

1697 sequences assigned
1684 (99.2%) exact matches, in which:
1673 unique CDR3
13 unique J



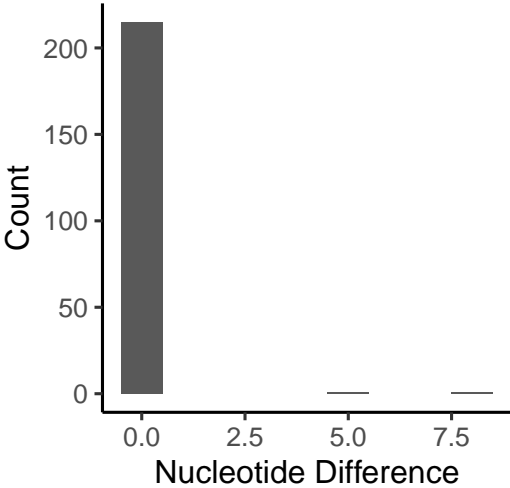
TRBV11-1*ap01

1323 sequences assigned
1316 (99.5%) exact matches, in which:
1309 unique CDR3
13 unique J



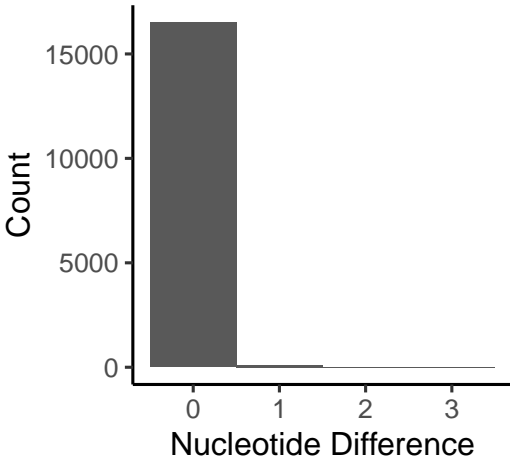
TRBV12-1*ap01

217 sequences assigned
215 (99.1%) exact matches, in which:
214 unique CDR3
13 unique J



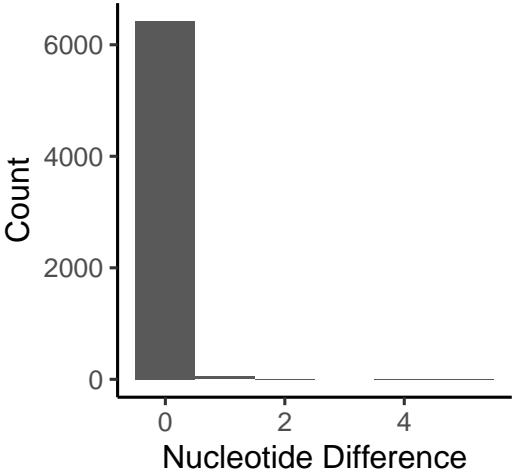
TRBV12-34*ap01

16620 sequences assigned
16507 (99.3%) exact matches, in which:
16420 unique CDR3
13 unique J



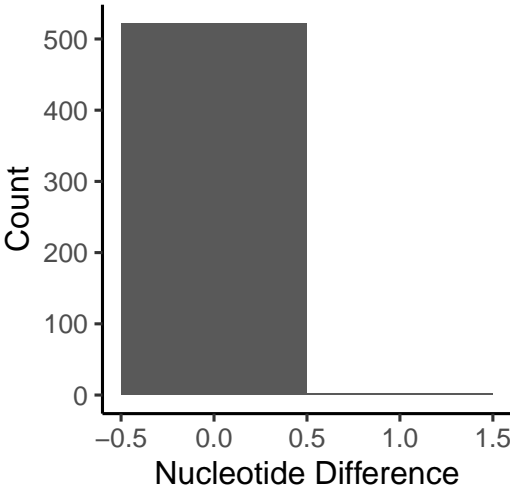
TRBV11-2*ap01

6477 sequences assigned
6425 (99.2%) exact matches, in which:
6394 unique CDR3
13 unique J



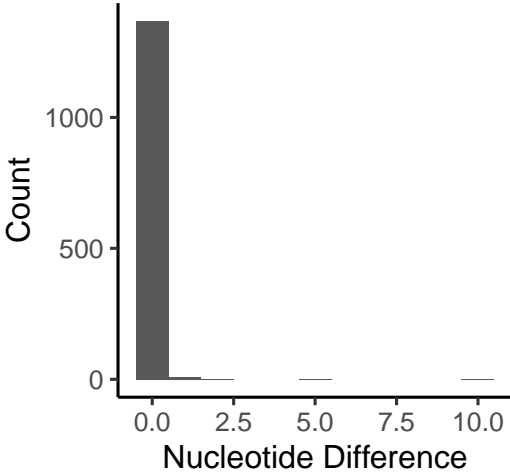
TRBV12-2*ap01

524 sequences assigned
522 (99.6%) exact matches, in which:
521 unique CDR3
13 unique J



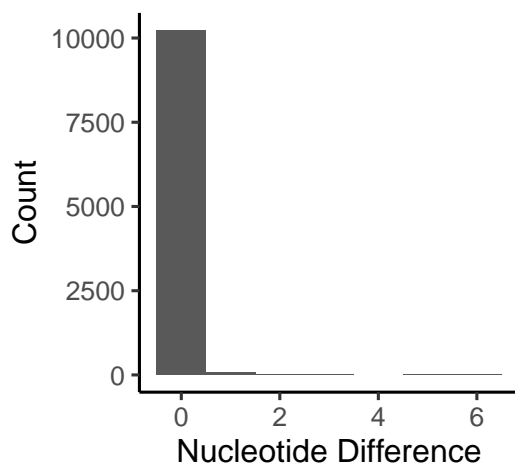
TRBV23-1*ap01

1381 sequences assigned
1368 (99.1%) exact matches, in which:
1366 unique CDR3
13 unique J



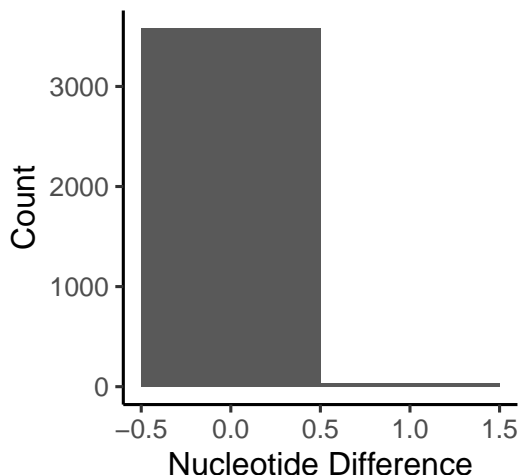
TRBV3-12*ap01

10318 sequences assigned
10234 (99.2%) exact matches, in which:
10195 unique CDR3
14 unique J



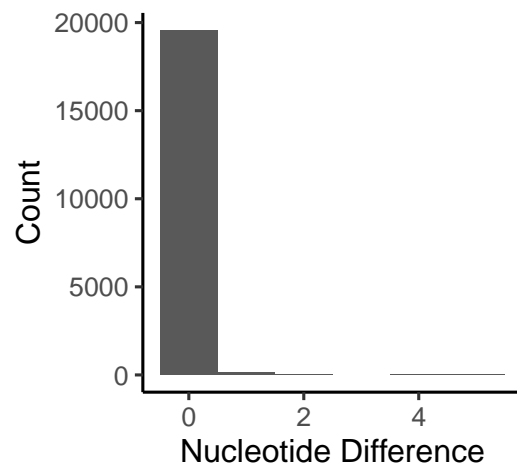
TRBV4-2*ap01

3614 sequences assigned
3580 (99.1%) exact matches, in which:
3572 unique CDR3
13 unique J



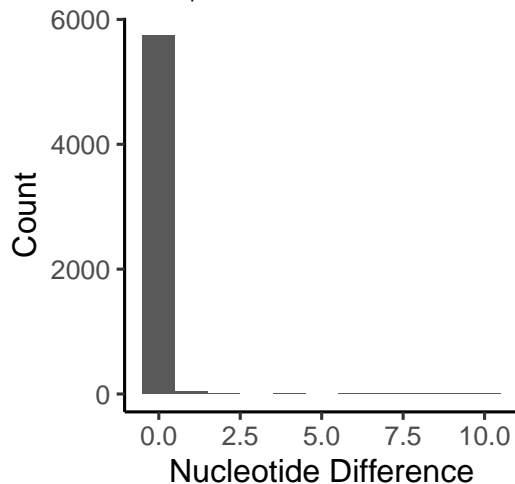
TRBV5-1*ap01

19723 sequences assigned
19570 (99.2%) exact matches, in which:
19413 unique CDR3
13 unique J



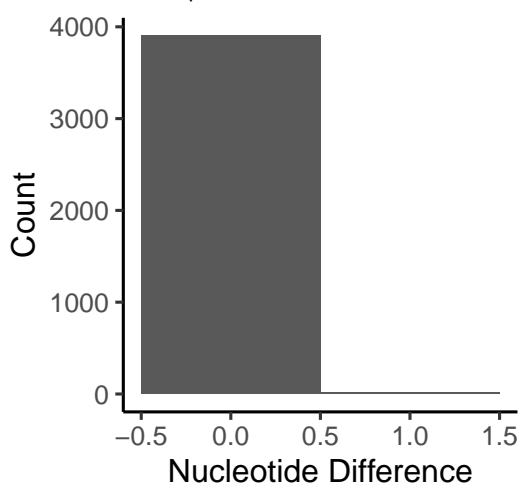
TRBV24-1*ap01

5800 sequences assigned
5739 (98.9%) exact matches, in which:
5712 unique CDR3
13 unique J



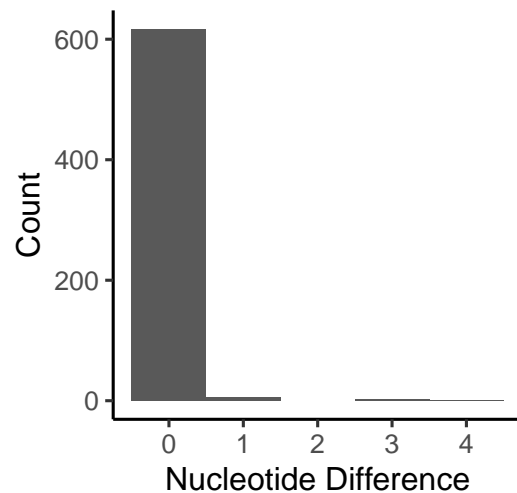
TRBV4-3*ap01

3920 sequences assigned
3903 (99.6%) exact matches, in which:
3885 unique CDR3
13 unique J



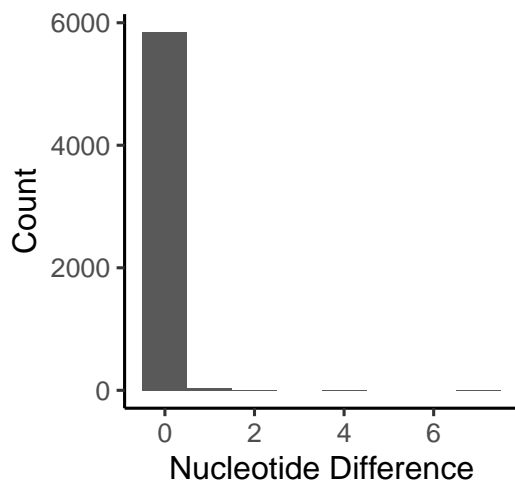
TRBV5-3*ap01

626 sequences assigned
617 (98.6%) exact matches, in which:
616 unique CDR3
13 unique J



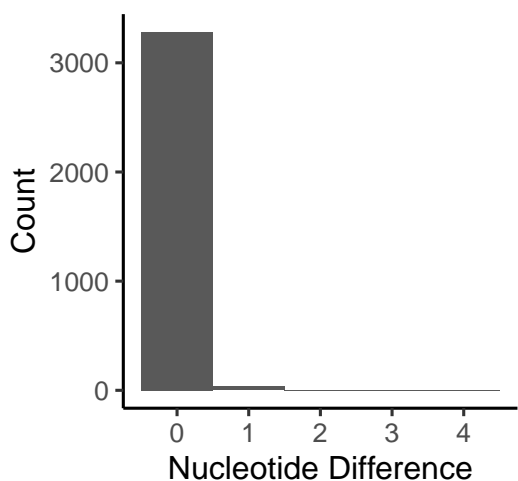
TRBV4-1*ap01

5890 sequences assigned
5848 (99.3%) exact matches, in which:
5822 unique CDR3
13 unique J



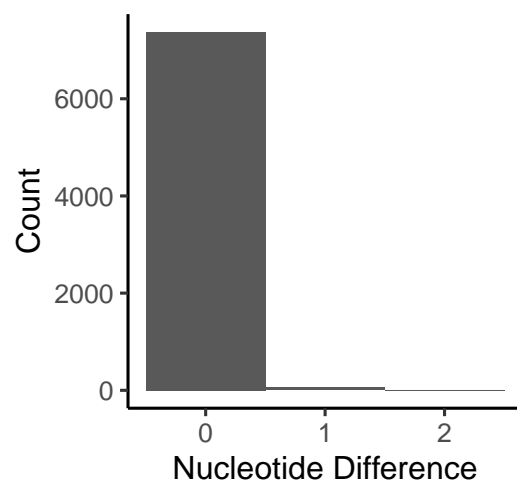
TRBV25-1*ap01

3322 sequences assigned
3282 (98.8%) exact matches, in which:
3264 unique CDR3
13 unique J



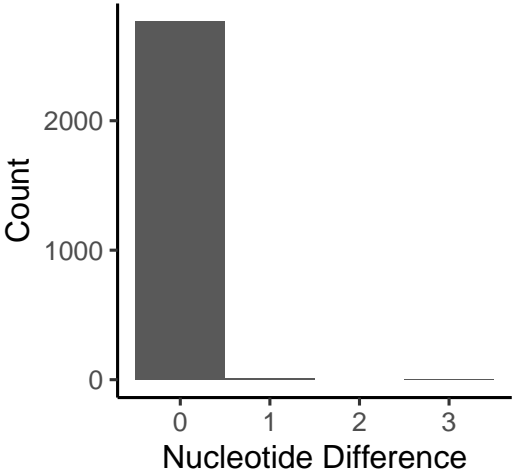
TRBV5-4*ap01

7430 sequences assigned
7373 (99.2%) exact matches, in which:
7339 unique CDR3
13 unique J



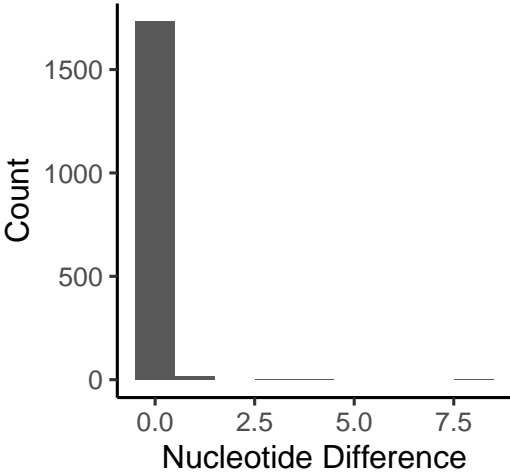
TRBV5-5*ap01

2785 sequences assigned
2767 (99.4%) exact matches, in which:
2751 unique CDR3
13 unique J



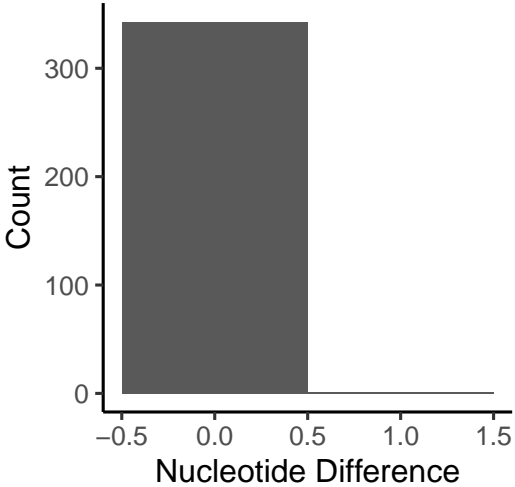
TRBV5-8*ap01

1755 sequences assigned
1733 (98.7%) exact matches, in which:
1726 unique CDR3
13 unique J



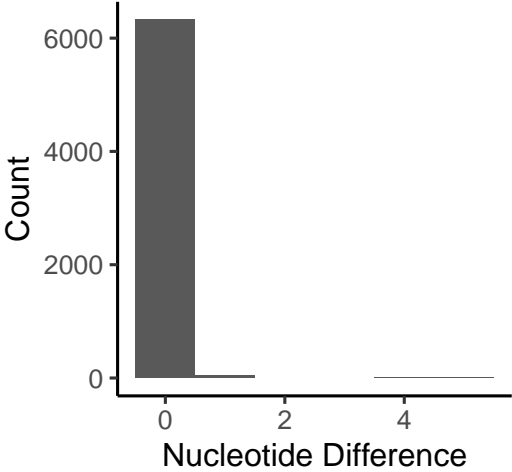
TRBV6-7*ap01

344 sequences assigned
343 (99.7%) exact matches, in which:
341 unique CDR3
14 unique J



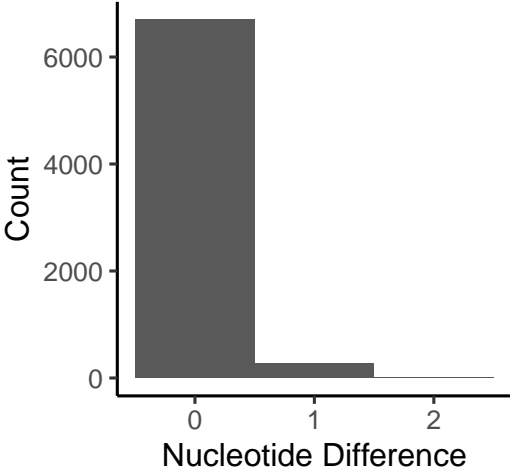
TRBV5-6*ap01

6377 sequences assigned
6325 (99.2%) exact matches, in which:
6282 unique CDR3
13 unique J



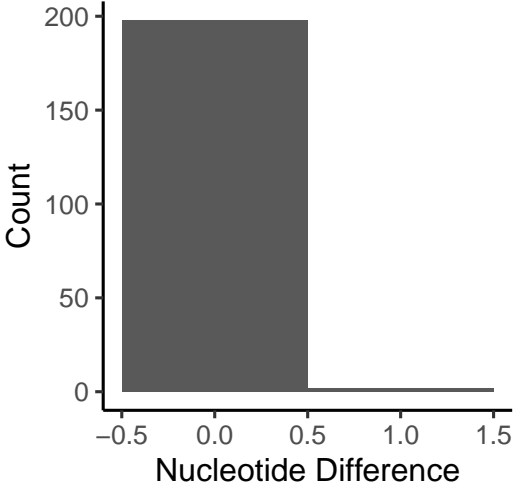
TRBV6-1*ap01

6968 sequences assigned
6697 (96.1%) exact matches, in which:
6654 unique CDR3
13 unique J



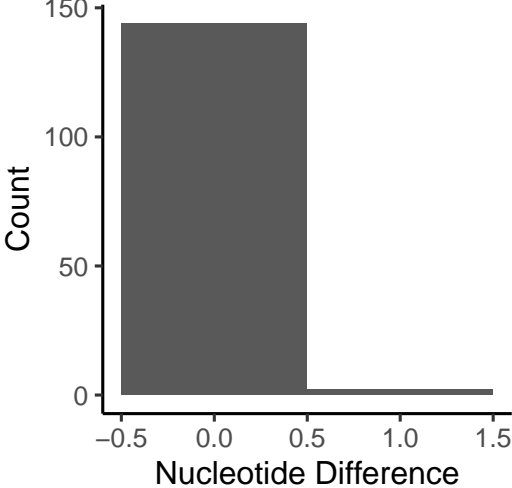
TRBV6-8*ap01

200 sequences assigned
198 (99%) exact matches, in which:
196 unique CDR3
13 unique J



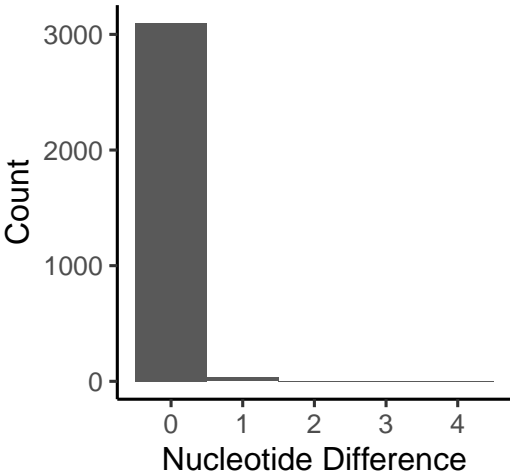
TRBV5-7*ap01

146 sequences assigned
144 (98.6%) exact matches, in which:
144 unique CDR3
13 unique J



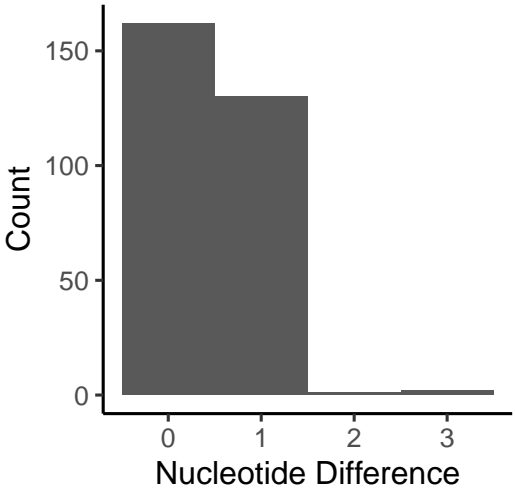
TRBV6-4*ap01

3140 sequences assigned
3098 (98.7%) exact matches, in which:
3089 unique CDR3
13 unique J



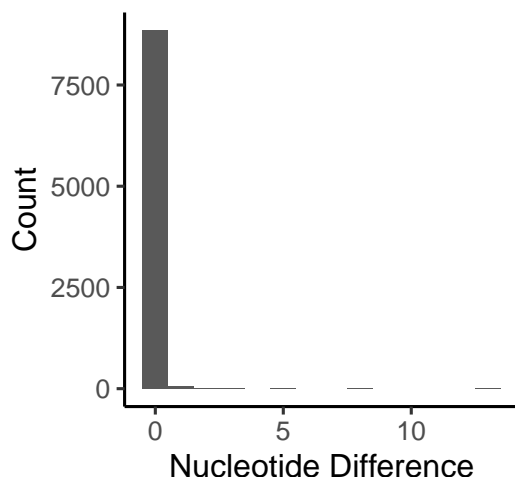
TRBV6-9*ap01

295 sequences assigned
162 (54.9%) exact matches, in which:
162 unique CDR3
13 unique J



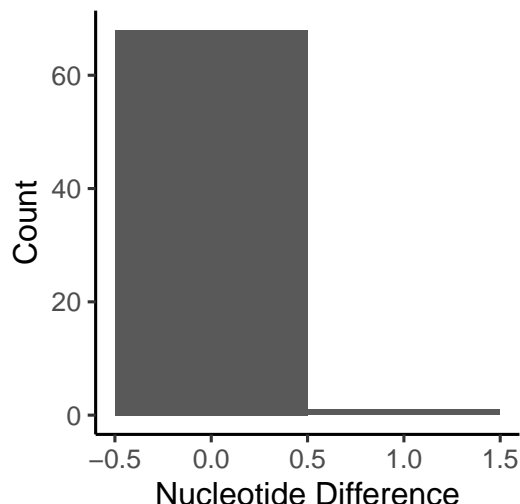
TRBV6-23*ap01

8920 sequences assigned
8848 (99.2%) exact matches, in which:
8796 unique CDR3
13 unique J



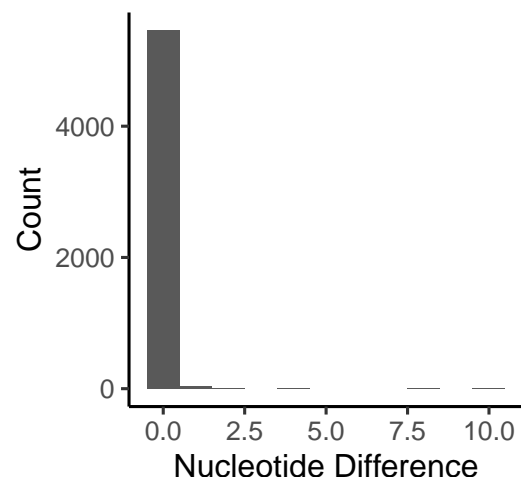
TRBV7-1*ap01_G291C_T

69 sequences assigned
68 (98.6%) exact matches, in which:
68 unique CDR3
12 unique J



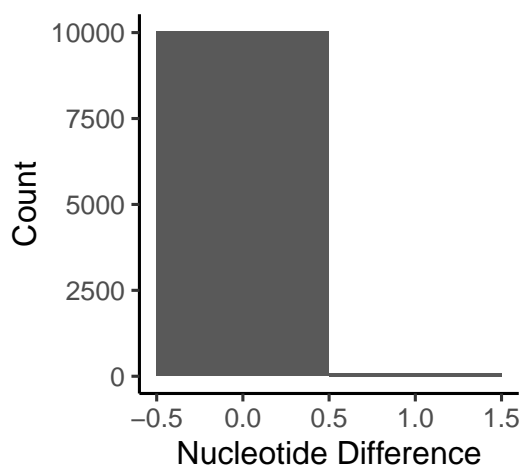
TRBV7-3*ap01

5505 sequences assigned
5460 (99.2%) exact matches, in which:
5437 unique CDR3
13 unique J



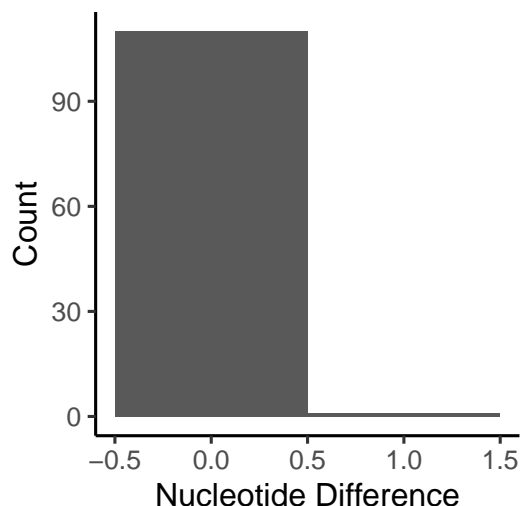
TRBV6-56*ap01

10124 sequences assigned
10033 (99.1%) exact matches, in which:
9969 unique CDR3
13 unique J



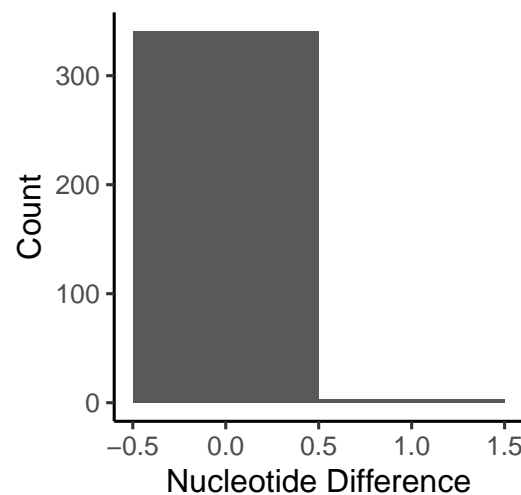
TRBV7-1*ap01_G291C_T

111 sequences assigned
110 (99.1%) exact matches, in which:
110 unique CDR3
13 unique J



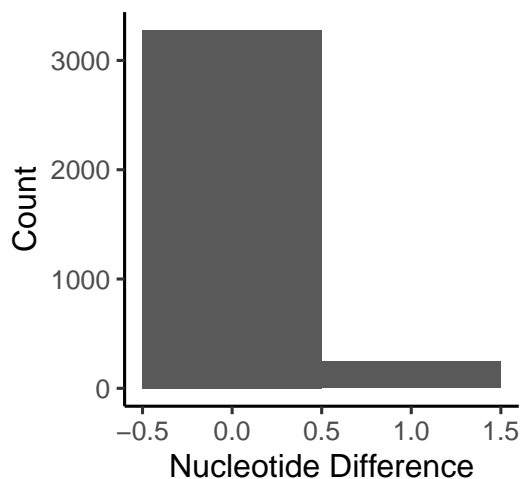
TRBV7-4*ap01

344 sequences assigned
341 (99.1%) exact matches, in which:
339 unique CDR3
13 unique J



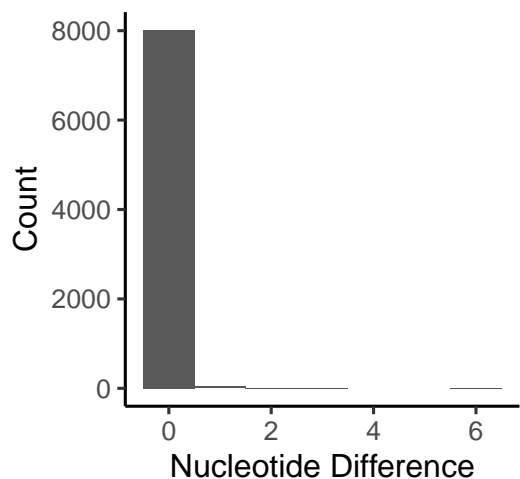
TRBV6-56*ap02

3523 sequences assigned
3278 (93%) exact matches, in which:
3251 unique CDR3
13 unique J



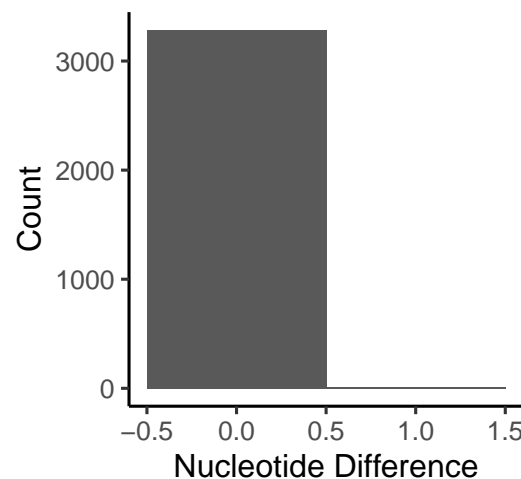
TRBV7-2*ap01

8061 sequences assigned
8014 (99.4%) exact matches, in which:
7993 unique CDR3
13 unique J



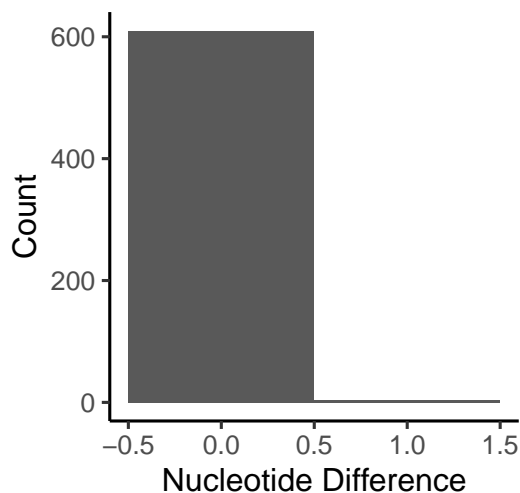
TRBV7-6*ap01

3297 sequences assigned
3284 (99.6%) exact matches, in which:
3266 unique CDR3
13 unique J



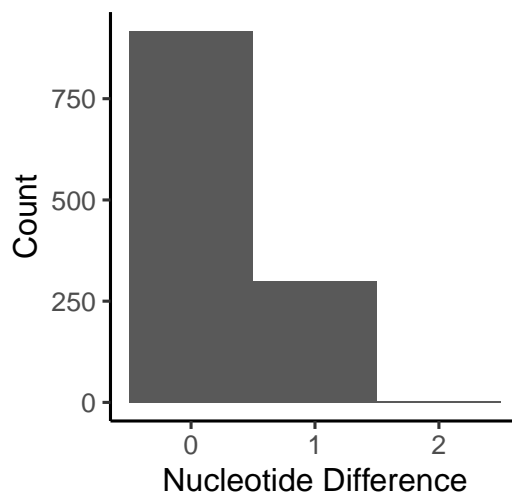
TRBV7-7*ap01

614 sequences assigned
610 (99.3%) exact matches, in which:
607 unique CDR3
13 unique J



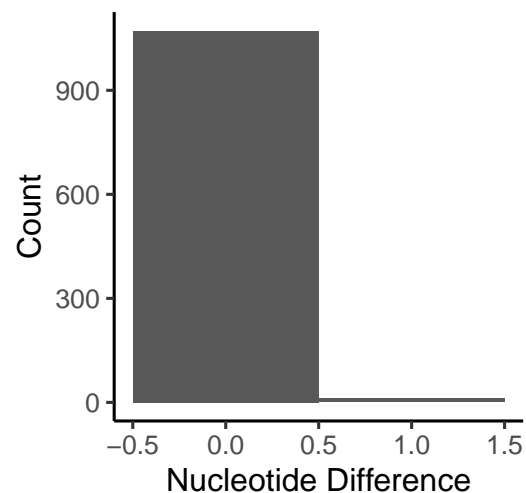
TRBV7-8*ap03

1220 sequences assigned
918 (75.2%) exact matches, in which:
912 unique CDR3
13 unique J



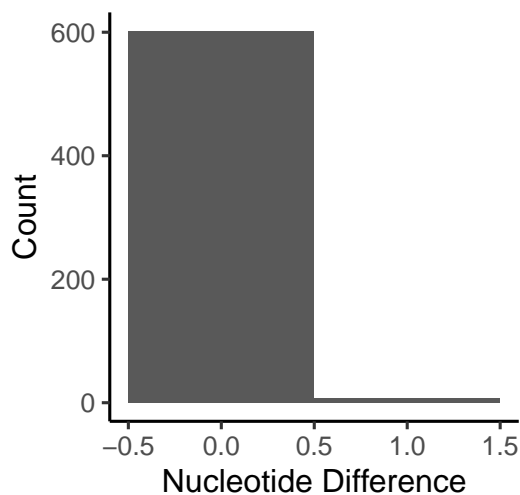
TRBV29-1*ap02

1083 sequences assigned
1072 (99%) exact matches, in which:
1063 unique CDR3
13 unique J



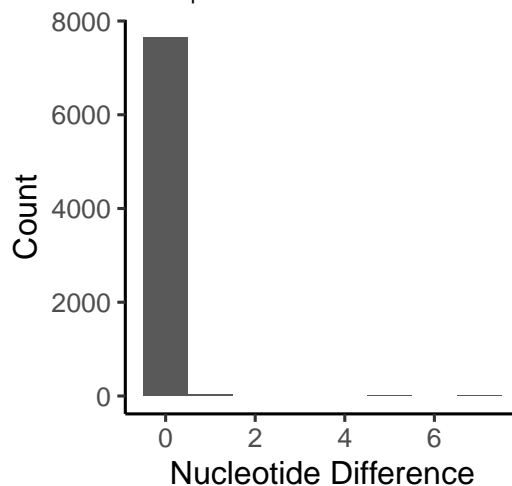
TRBV7-7*ap01_C315T

609 sequences assigned
602 (98.9%) exact matches, in which:
596 unique CDR3
13 unique J



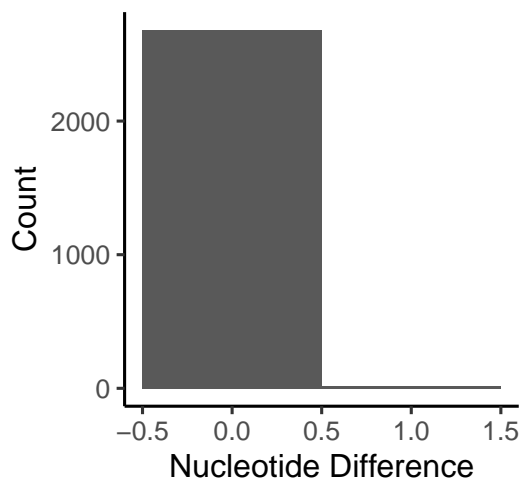
TRBV7-9*ap01

7683 sequences assigned
7643 (99.5%) exact matches, in which:
7622 unique CDR3
13 unique J



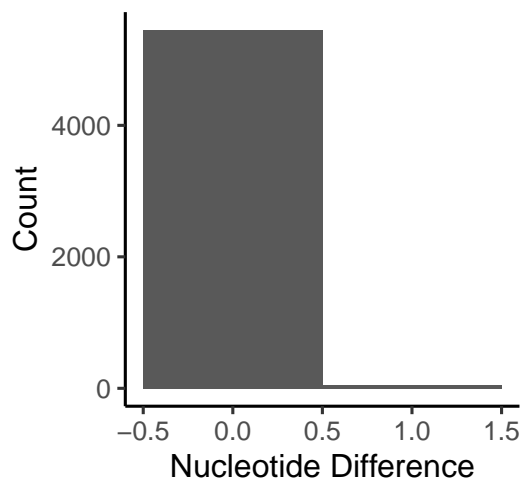
TRBV7-8*ap01

2700 sequences assigned
2681 (99.3%) exact matches, in which:
2667 unique CDR3
13 unique J

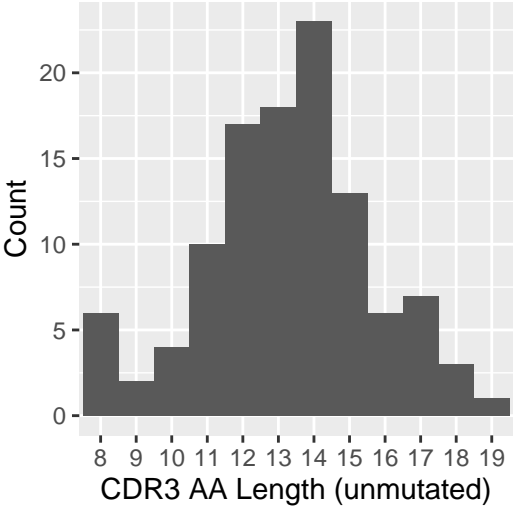


TRBV29-1*ap01

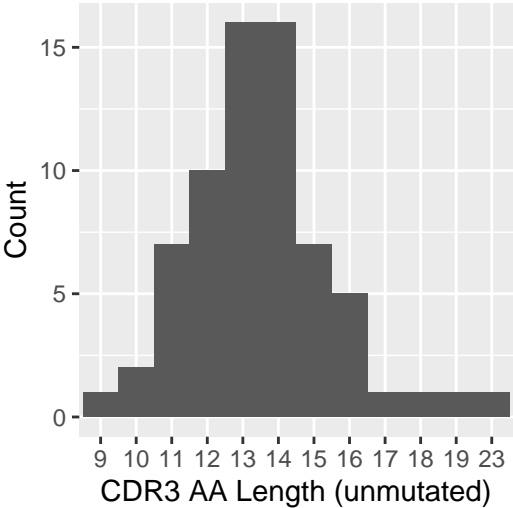
5503 sequences assigned
5450 (99%) exact matches, in which:
5423 unique CDR3
13 unique J



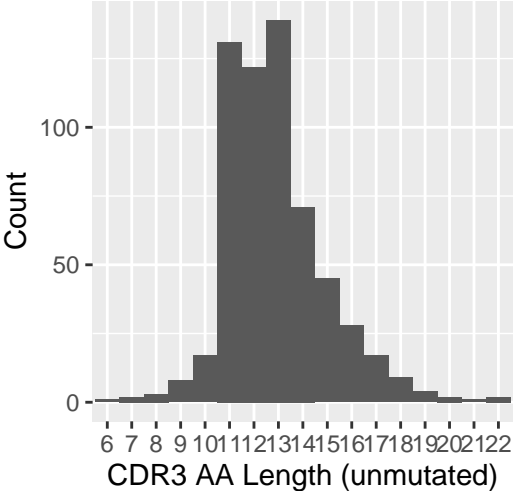
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





[illegible]