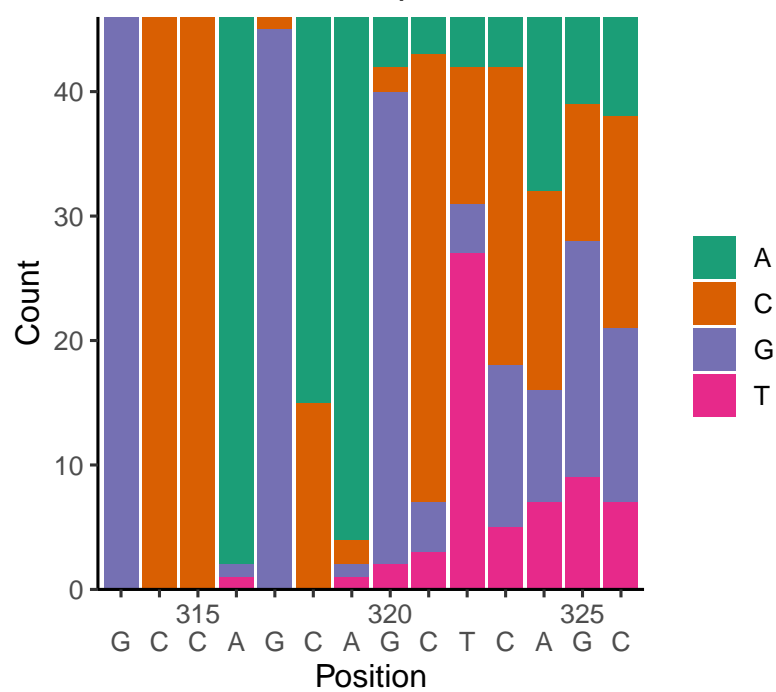
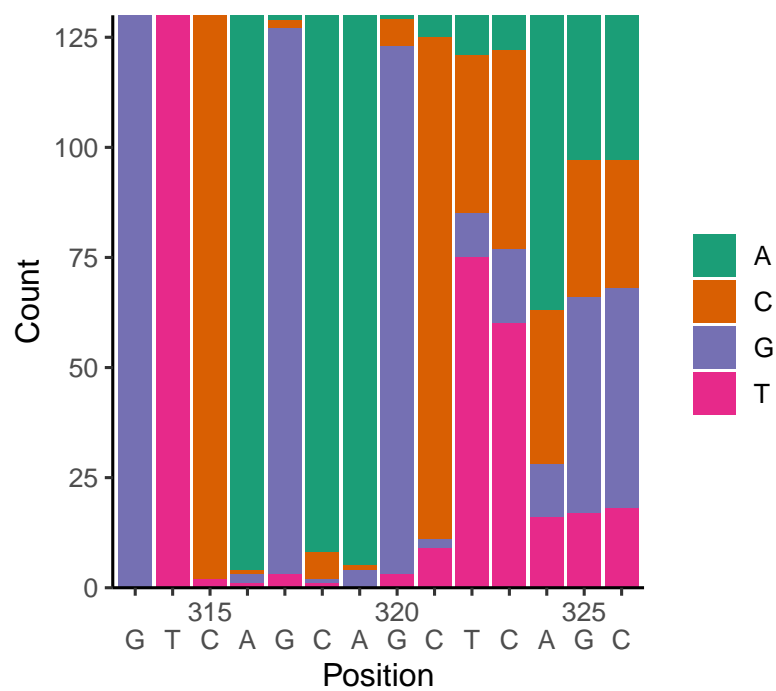


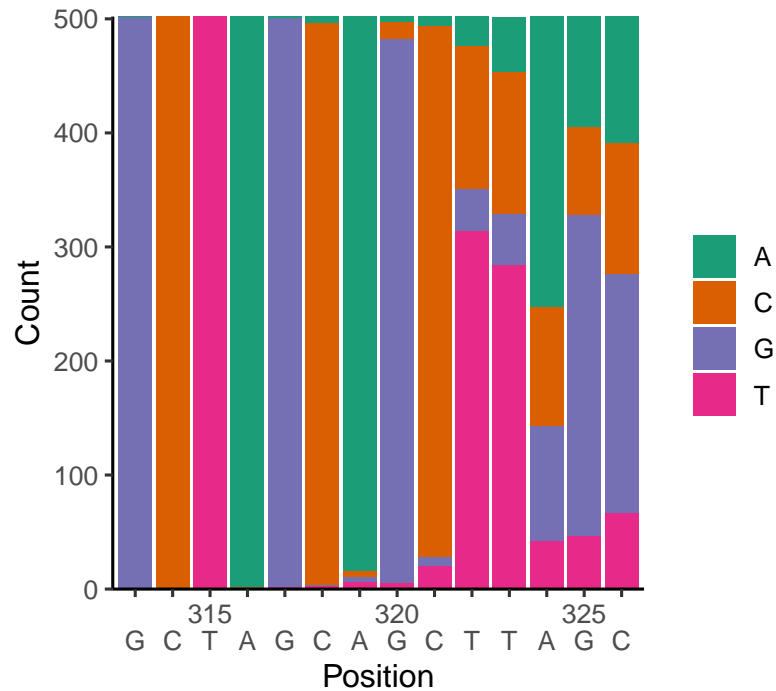
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C_C314T



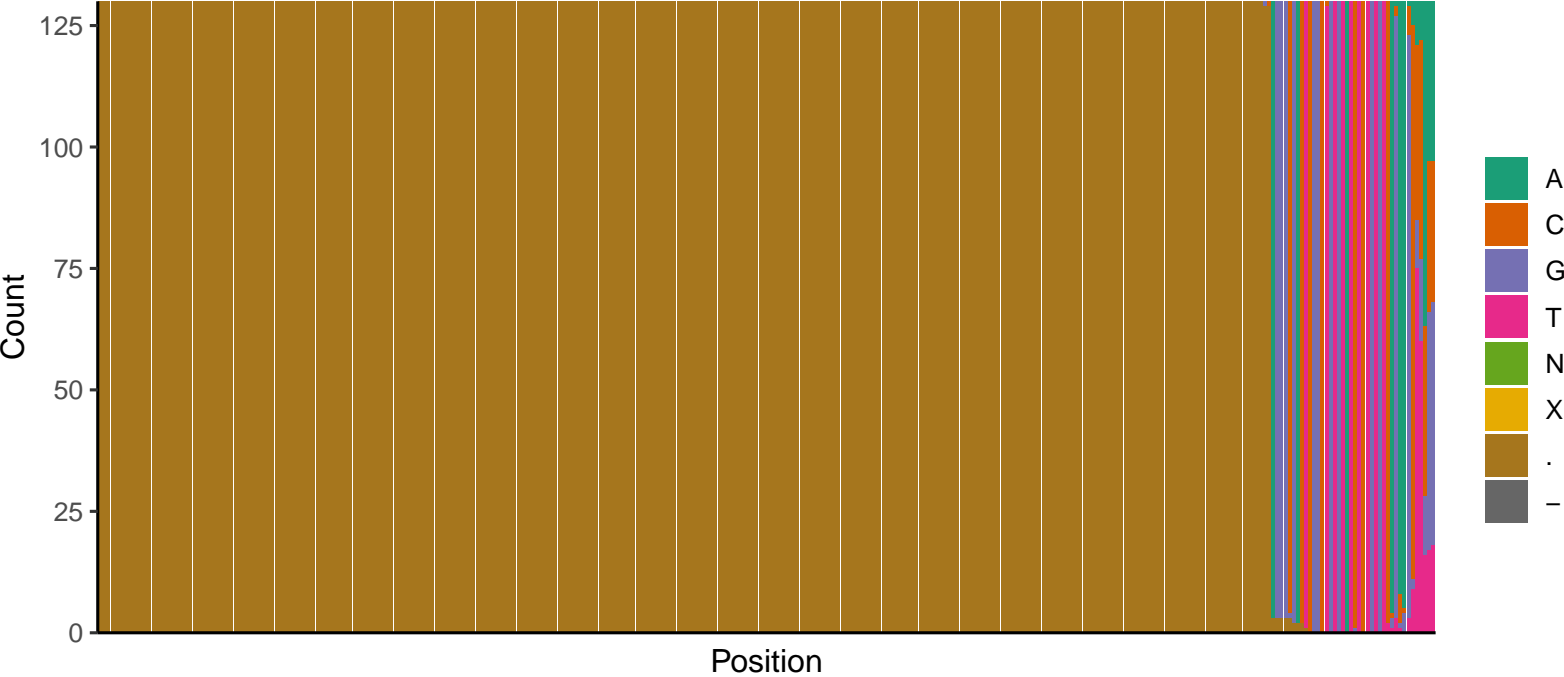
Gene TRBV7-7*ap01_C315T



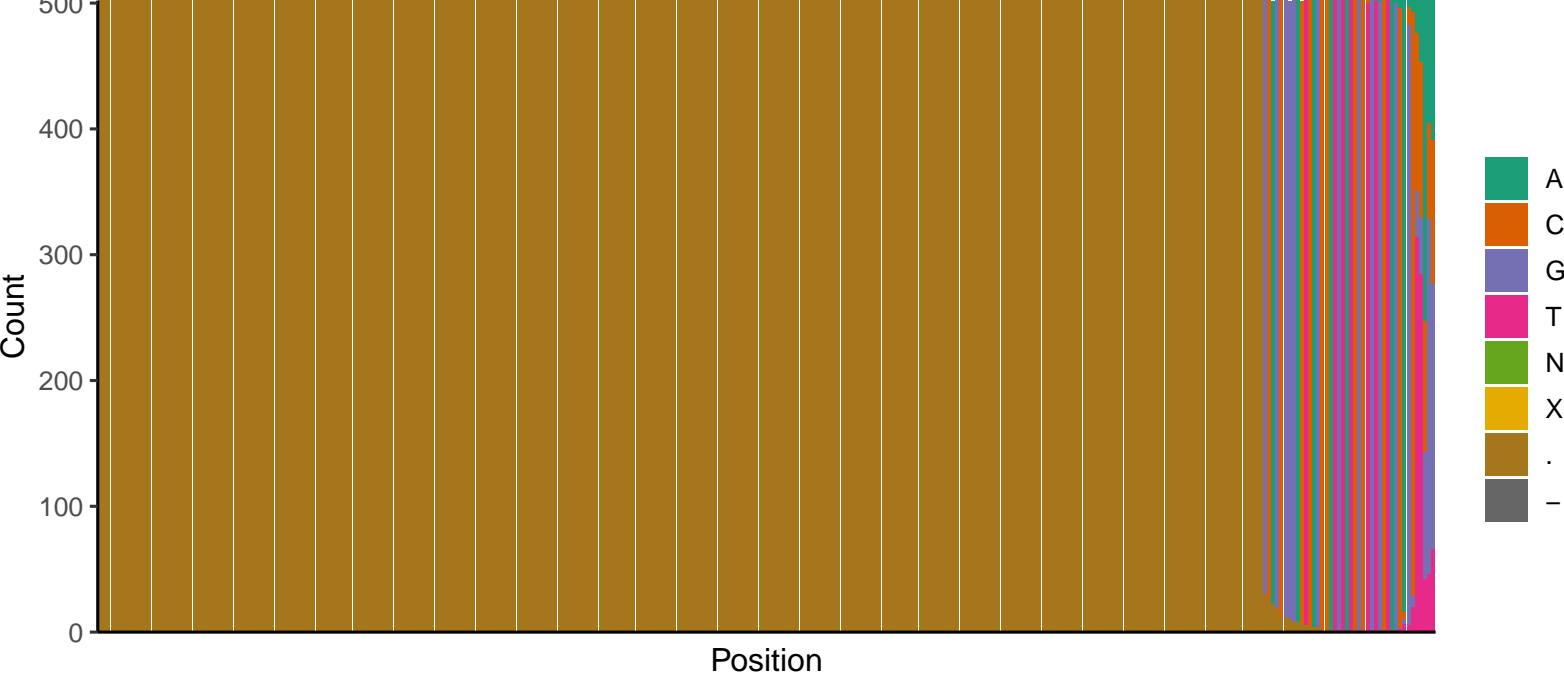
Gene TRBV7-1*ap01_T296C



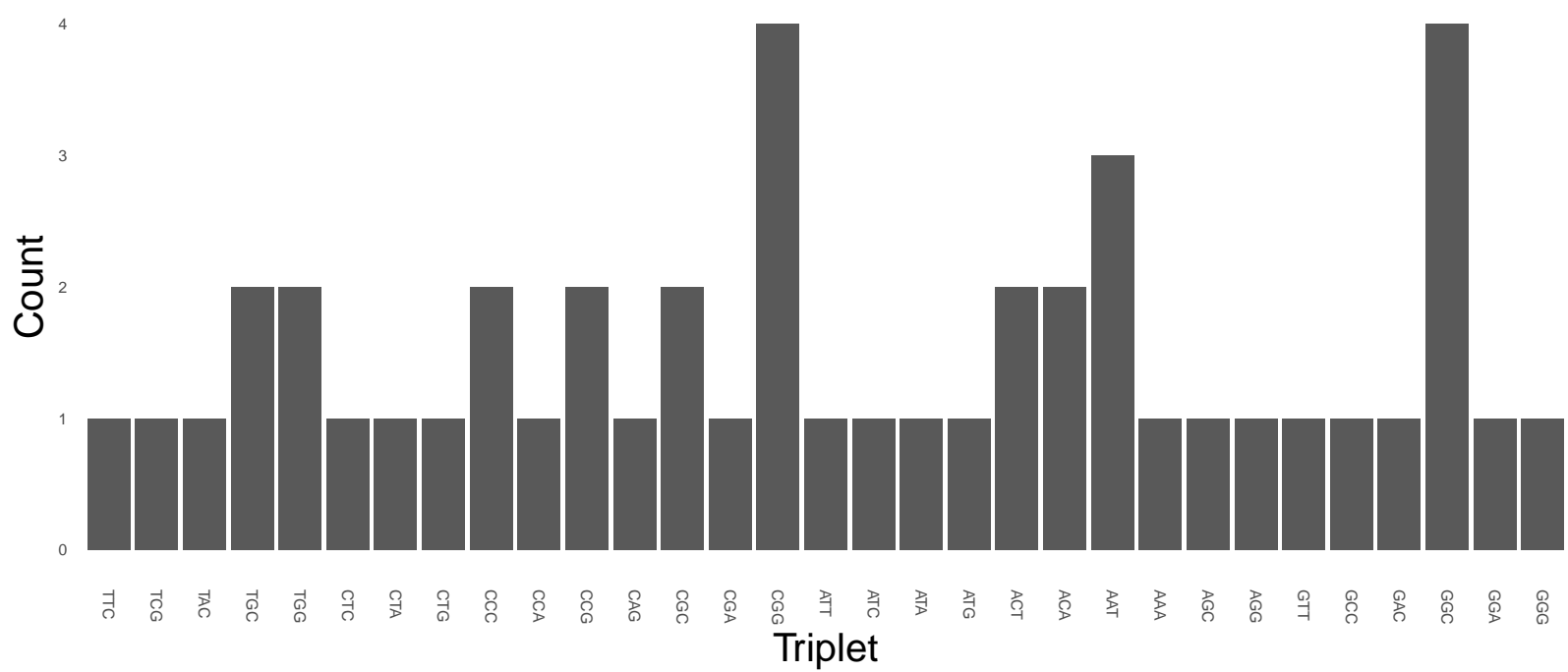
Gene TRBV7-1*ap01_T296C_C314T



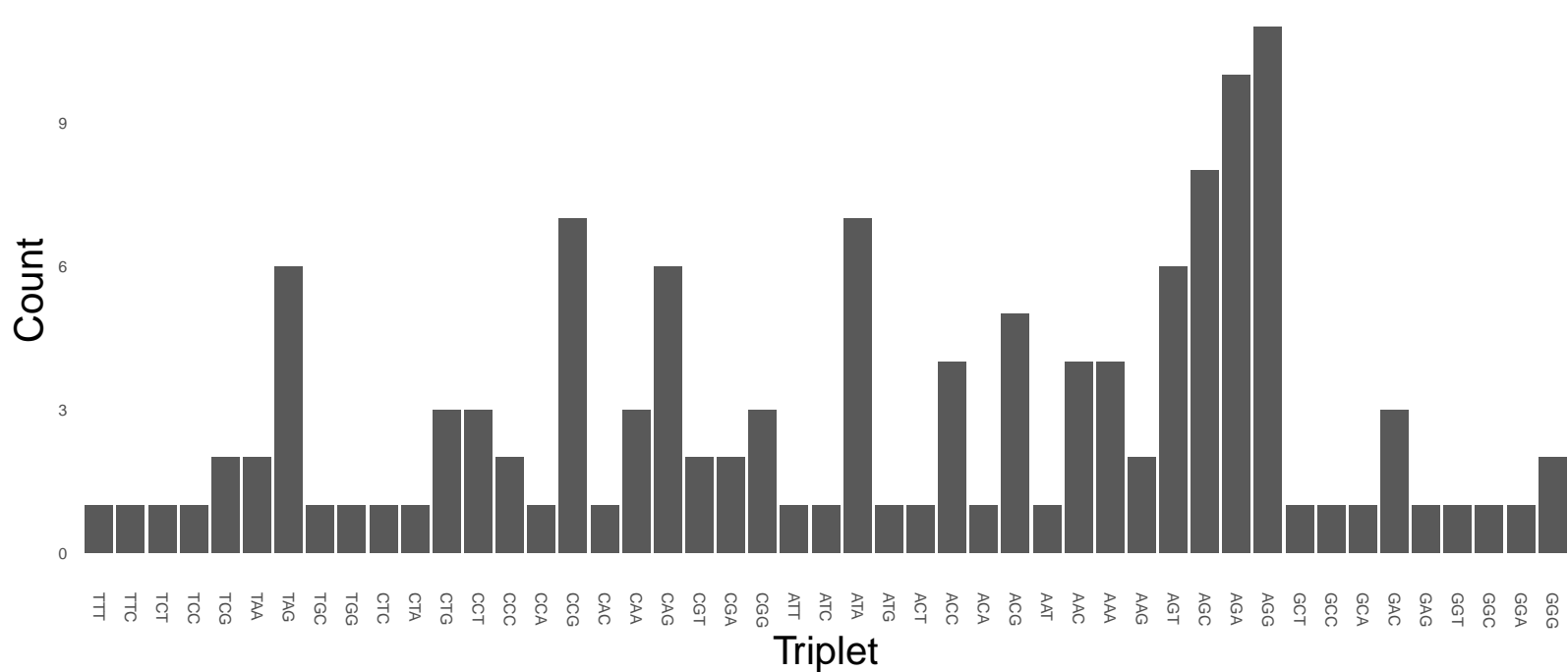
Gene TRBV7-7*ap01_C315T



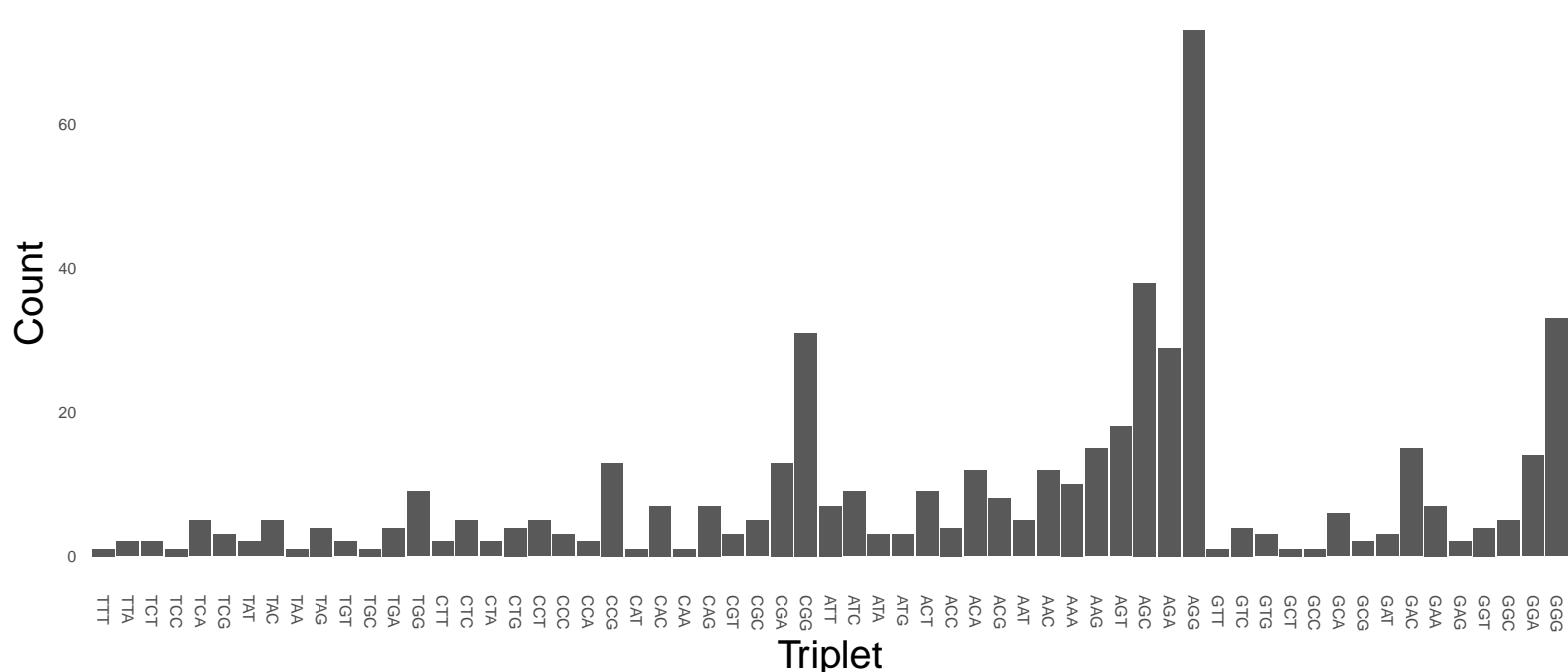
TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



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

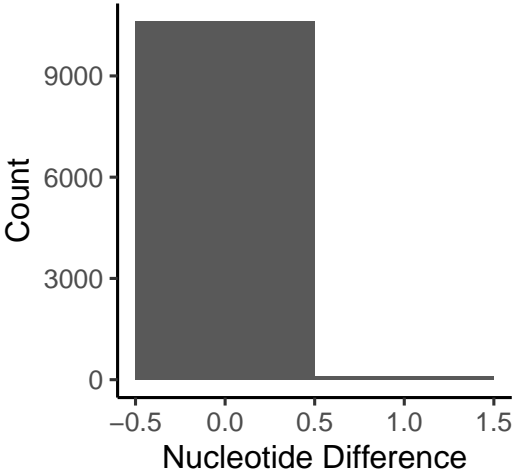


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



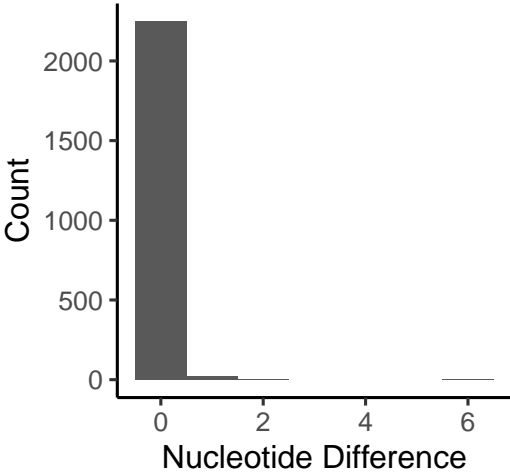
TRBV20-1*ap01

10717 sequences assigned
10615 (99%) exact matches, in which:
10468 unique CDR3
13 unique J



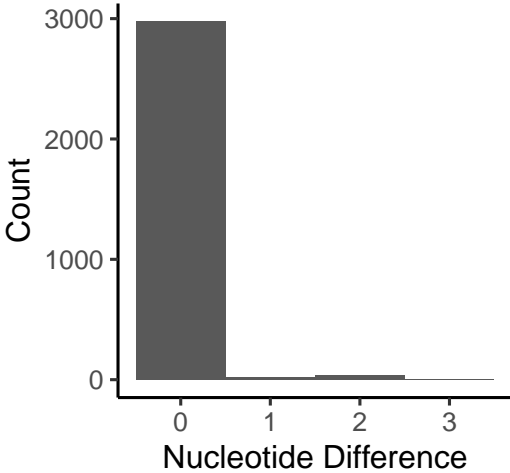
TRBV10-2*ap01

2271 sequences assigned
2248 (99%) exact matches, in which:
2201 unique CDR3
13 unique J



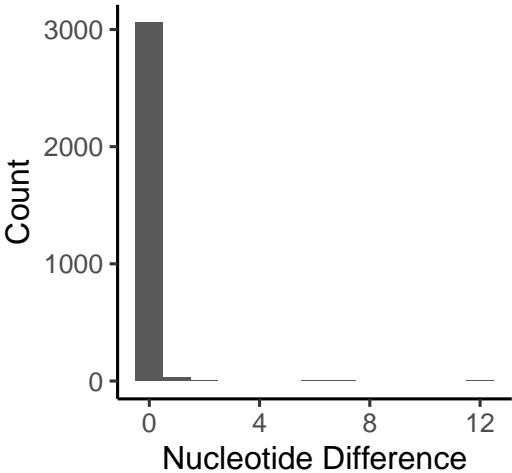
TRBV13*ap01

3042 sequences assigned
2977 (97.9%) exact matches, in which:
2916 unique CDR3
13 unique J



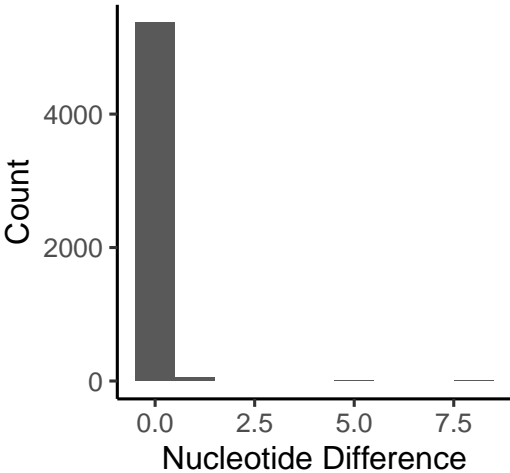
TRBV10-1*ap01

3093 sequences assigned
3058 (98.9%) exact matches, in which:
3000 unique CDR3
13 unique J



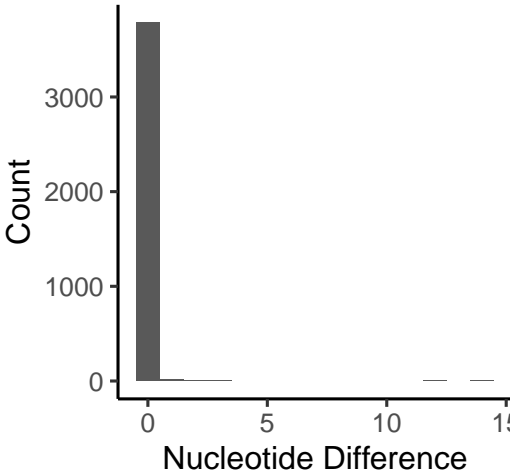
TRBV10-3*ap01

5417 sequences assigned
5369 (99.1%) exact matches, in which:
5265 unique CDR3
13 unique J



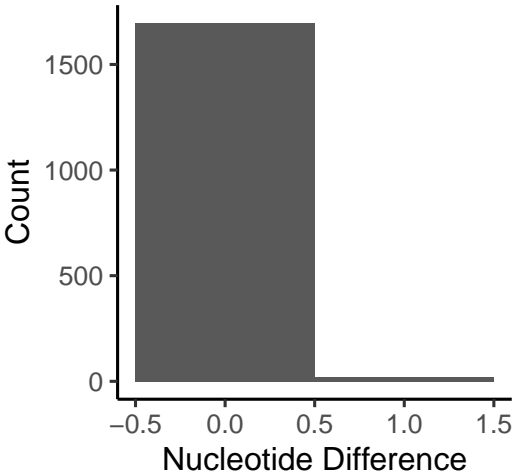
TRBV14*ap01

3805 sequences assigned
3784 (99.4%) exact matches, in which:
3735 unique CDR3
13 unique J



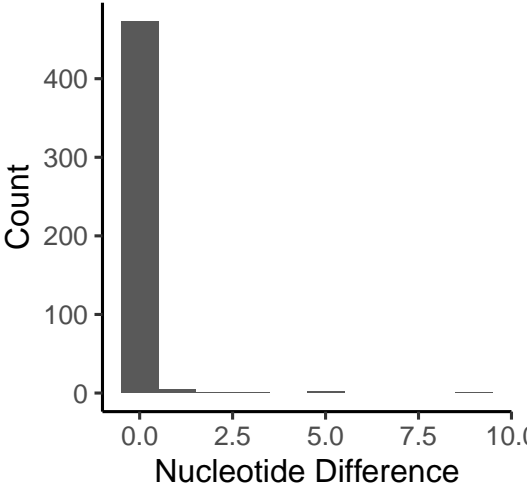
TRBV20-1*ap02

1715 sequences assigned
1696 (98.9%) exact matches, in which:
1671 unique CDR3
13 unique J



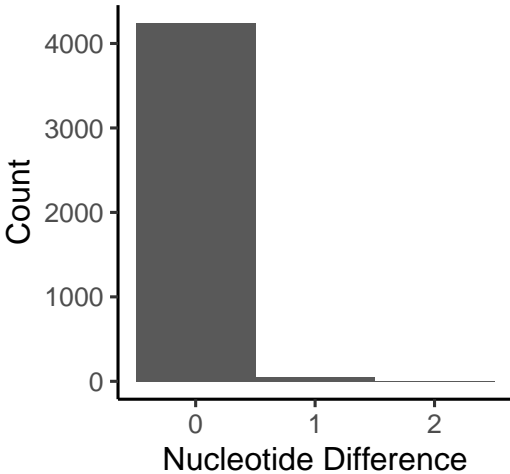
TRBV1*ap01

483 sequences assigned
473 (97.9%) exact matches, in which:
465 unique CDR3
13 unique J



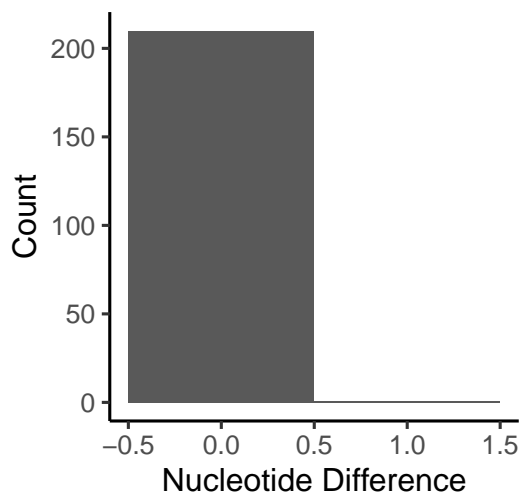
TRBV15*ap02

4292 sequences assigned
4242 (98.8%) exact matches, in which:
4175 unique CDR3
13 unique J



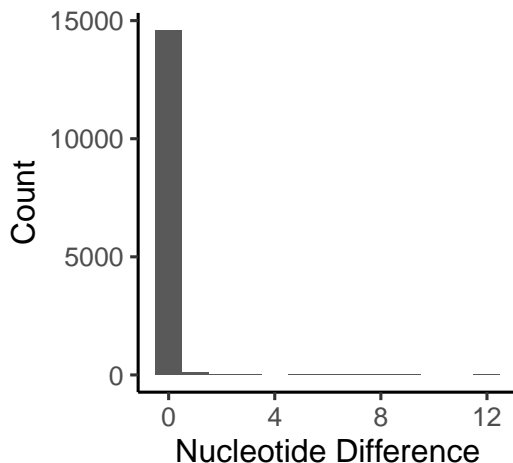
TRBV16*ap01

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



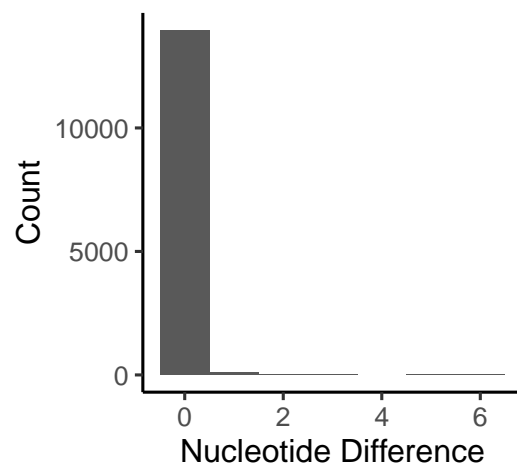
TRBV19*ap01

14714 sequences assigned
14596 (99.2%) exact matches, in which:
14507 unique CDR3
13 unique J



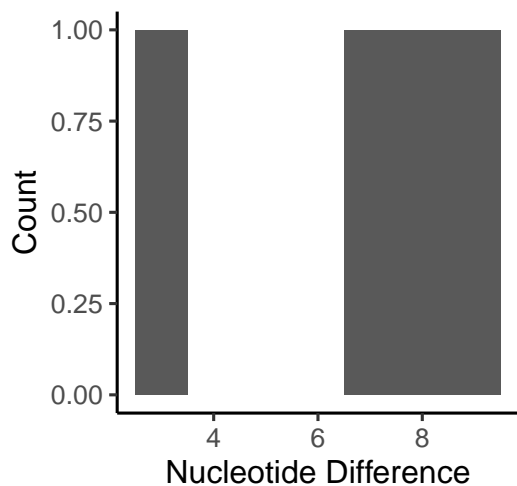
TRBV28*ap01

14081 sequences assigned
13959 (99.1%) exact matches, in which:
13797 unique CDR3
13 unique J



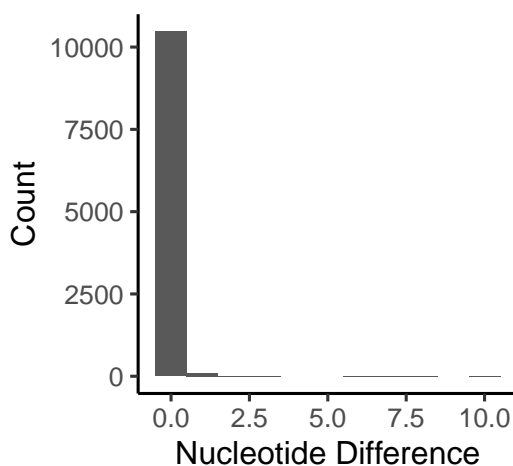
TRBV17*ap01

4 sequences assigned
No exact matches.



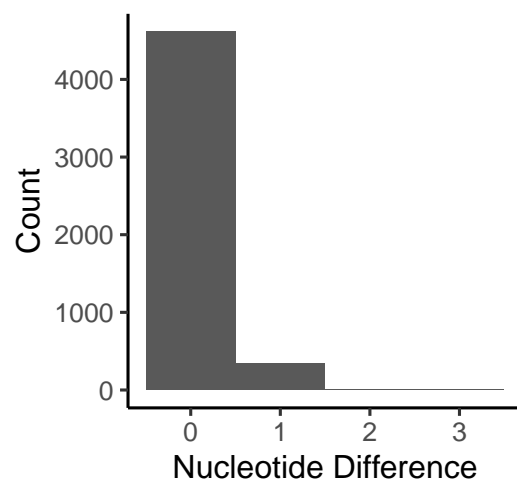
TRBV2*ap01

10583 sequences assigned
10474 (99%) exact matches, in which:
10296 unique CDR3
13 unique J



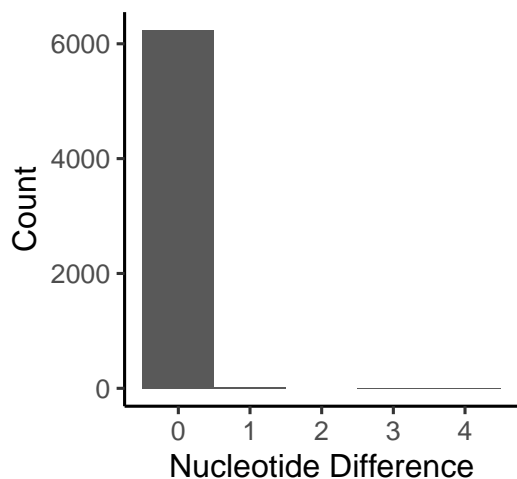
TRBV30*ap01

4966 sequences assigned
4614 (92.9%) exact matches, in which:
4554 unique CDR3
13 unique J



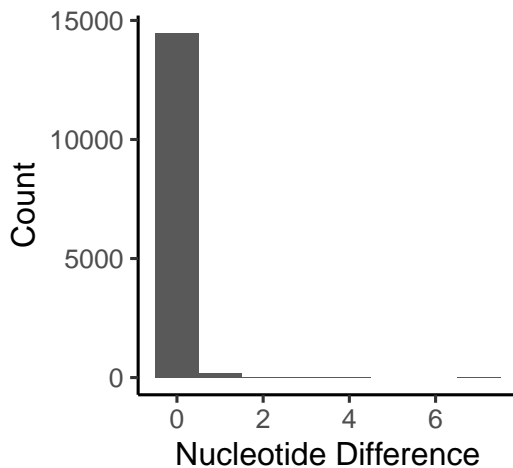
TRBV18*ap01

6264 sequences assigned
6239 (99.6%) exact matches, in which:
6208 unique CDR3
13 unique J



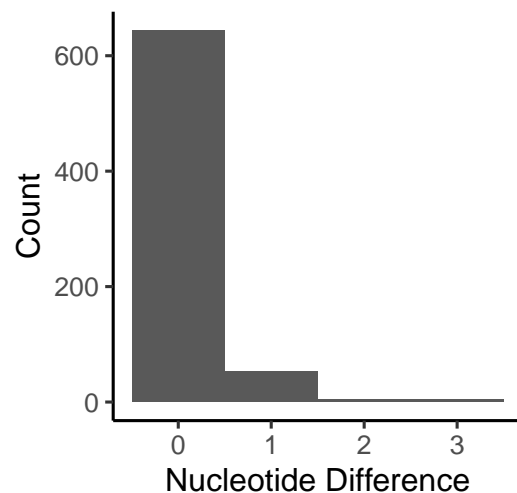
TRBV27*ap01

14674 sequences assigned
14482 (98.7%) exact matches, in which:
14207 unique CDR3
13 unique J



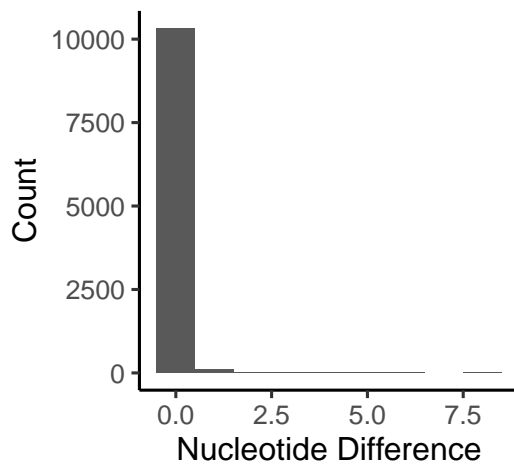
TRBV30*ap03

705 sequences assigned
644 (91.3%) exact matches, in which:
636 unique CDR3
13 unique J



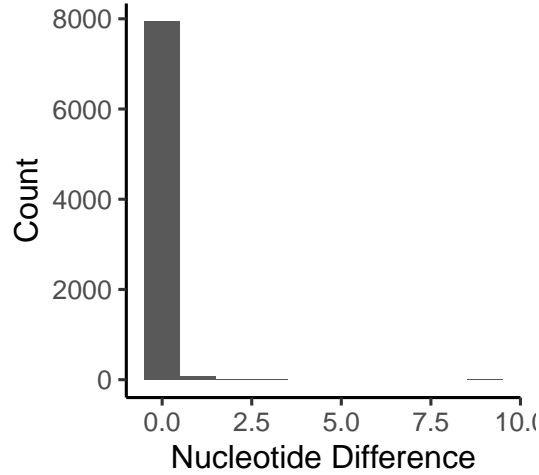
TRBV9*ap01

10436 sequences assigned
10329 (99%) exact matches, in which:
10179 unique CDR3
13 unique J



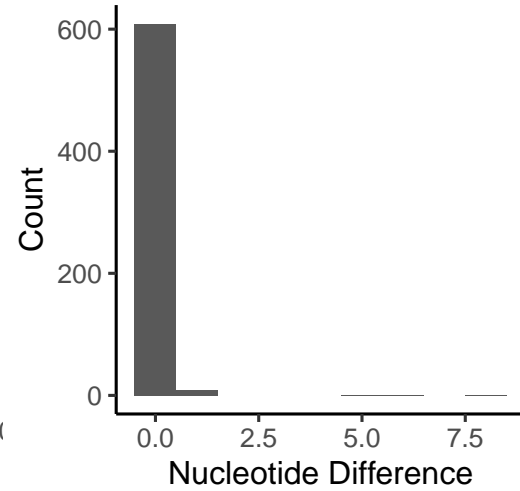
TRBV11-2*ap01

8012 sequences assigned
7942 (99.1%) exact matches, in which:
7847 unique CDR3
13 unique J



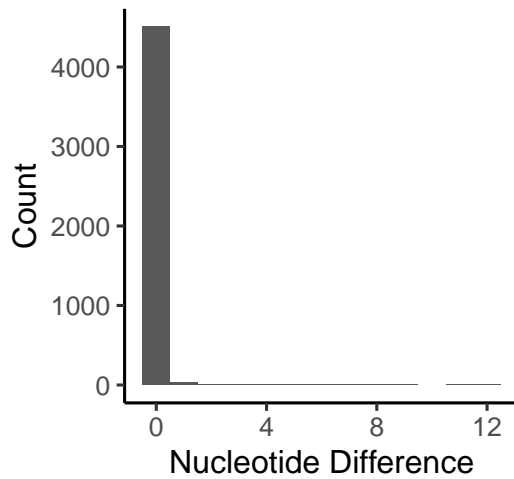
TRBV12-2*ap01

621 sequences assigned
609 (98.1%) exact matches, in which:
607 unique CDR3
13 unique J



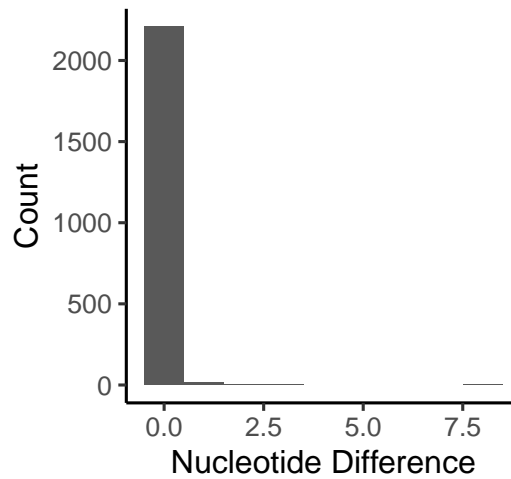
TRBV21-1*ap01

4566 sequences assigned
4506 (98.7%) exact matches, in which:
4477 unique CDR3
13 unique J



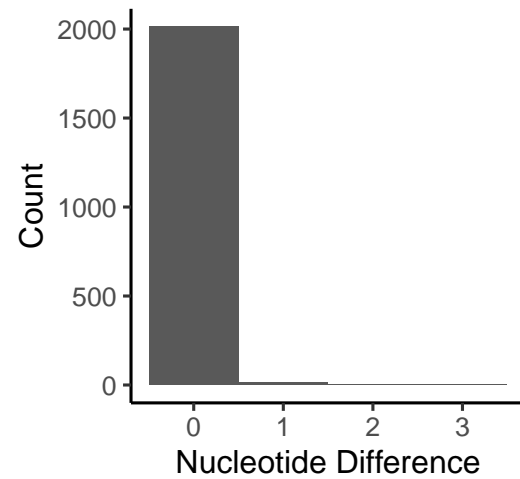
TRBV11-3*ap01

2230 sequences assigned
2208 (99%) exact matches, in which:
2185 unique CDR3
13 unique J



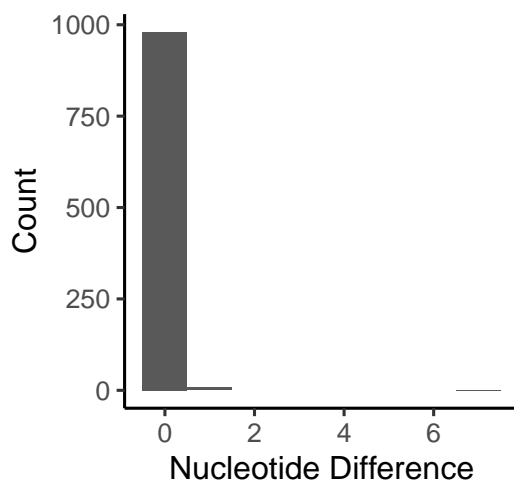
TRBV12-5*ap01

2031 sequences assigned
2013 (99.1%) exact matches, in which:
1986 unique CDR3
13 unique J



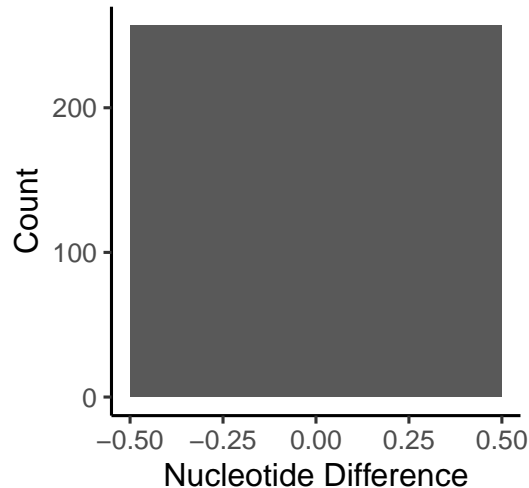
TRBV11-1*ap01

989 sequences assigned
980 (99.1%) exact matches, in which:
966 unique CDR3
13 unique J



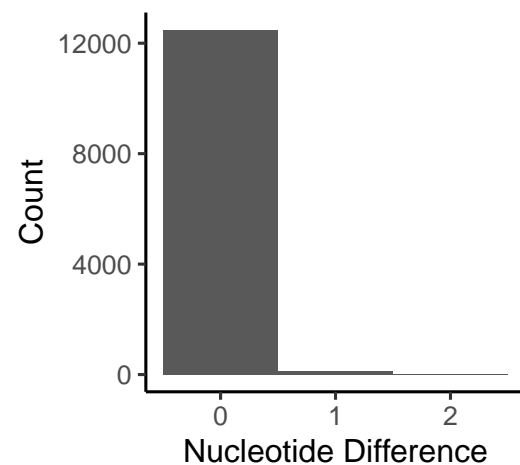
TRBV12-1*ap01

257 sequences assigned
257 (100%) exact matches, in which:
255 unique CDR3
13 unique J



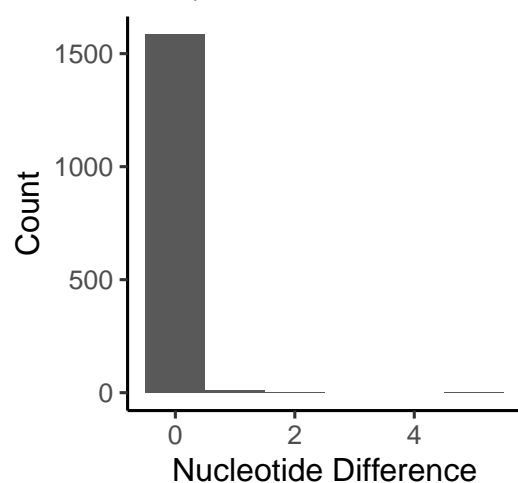
TRBV12-34*ap01

12619 sequences assigned
12486 (98.9%) exact matches, in which:
12313 unique CDR3
13 unique J



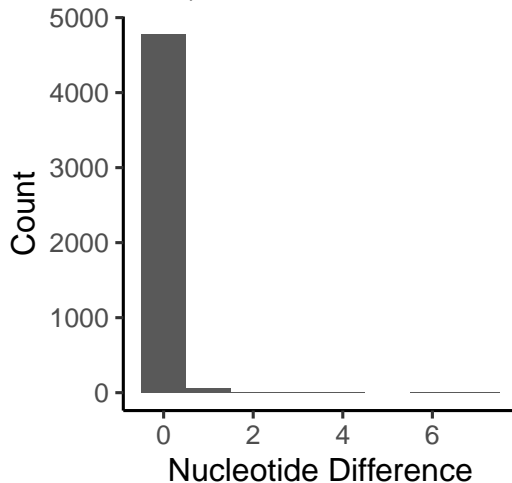
TRBV23-1*ap01

1602 sequences assigned
1585 (98.9%) exact matches, in which:
1570 unique CDR3
13 unique J



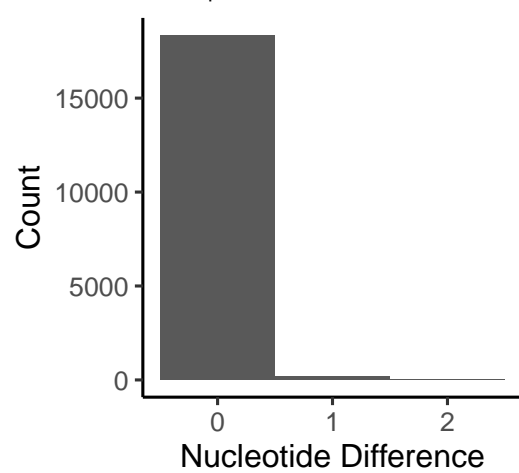
TRBV24-1*ap01

4850 sequences assigned
4776 (98.5%) exact matches, in which:
4701 unique CDR3
13 unique J



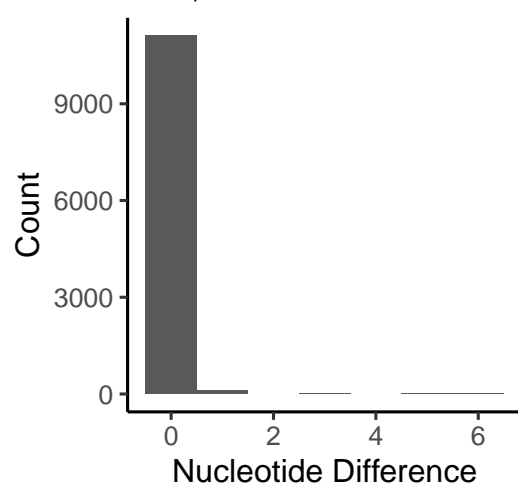
TRBV5-1*ap01

18550 sequences assigned
18352 (98.9%) exact matches, in which:
17961 unique CDR3
13 unique J



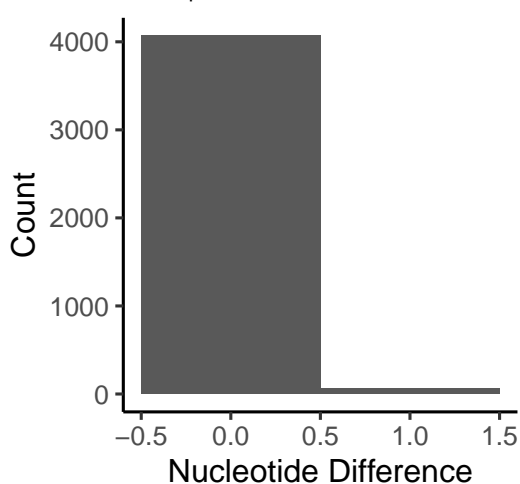
TRBV3-12*ap01

11220 sequences assigned
11110 (99%) exact matches, in which:
10949 unique CDR3
13 unique J



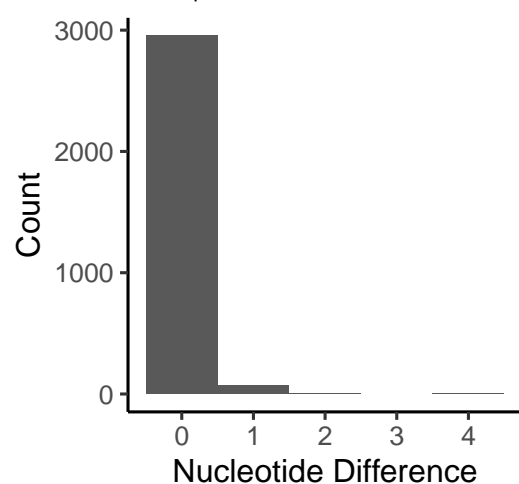
TRBV4-2*ap01

4134 sequences assigned
4069 (98.4%) exact matches, in which:
4002 unique CDR3
13 unique J



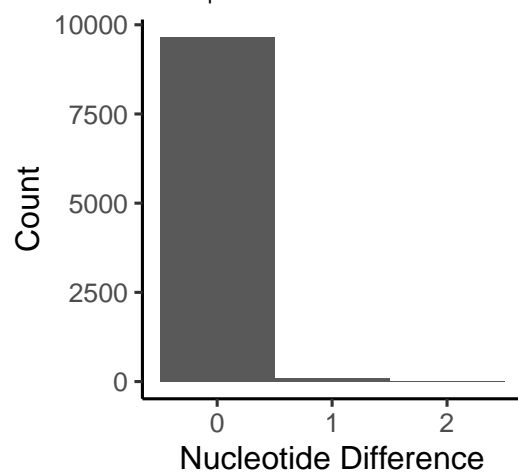
TRBV25-1*ap01

3032 sequences assigned
2954 (97.4%) exact matches, in which:
2907 unique CDR3
13 unique J



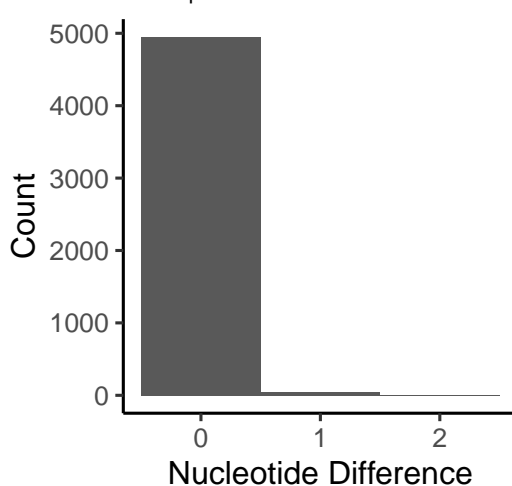
TRBV4-1*ap01

9776 sequences assigned
9663 (98.8%) exact matches, in which:
9474 unique CDR3
13 unique J



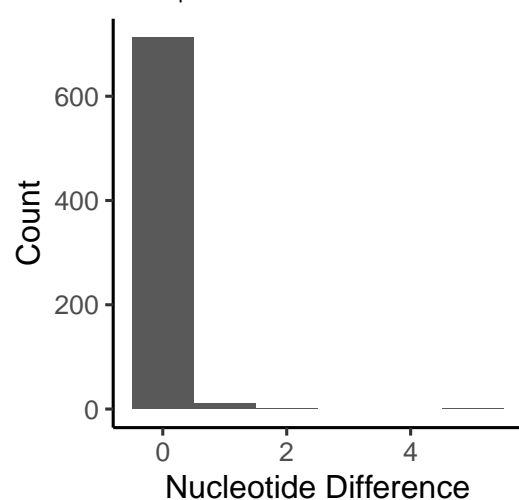
TRBV4-3*ap01

4996 sequences assigned
4948 (99%) exact matches, in which:
4849 unique CDR3
13 unique J



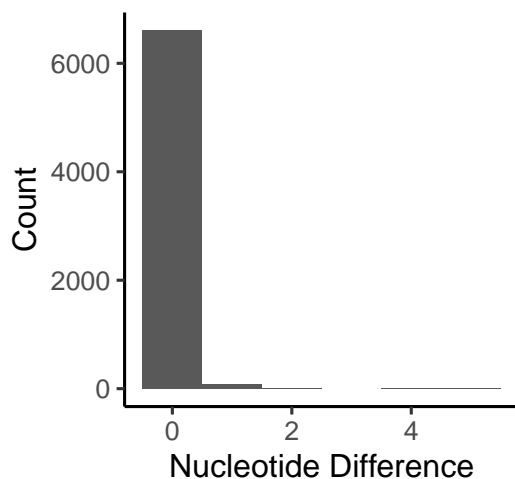
TRBV5-3*ap01

725 sequences assigned
713 (98.3%) exact matches, in which:
706 unique CDR3
13 unique J



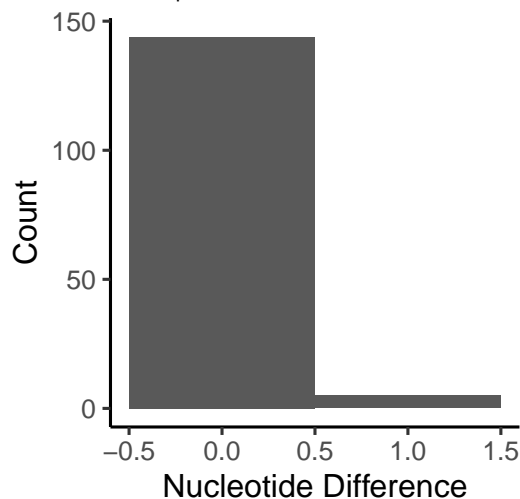
TRBV5-4*ap01

6696 sequences assigned
6607 (98.7%) exact matches, in which:
6499 unique CDR3
13 unique J



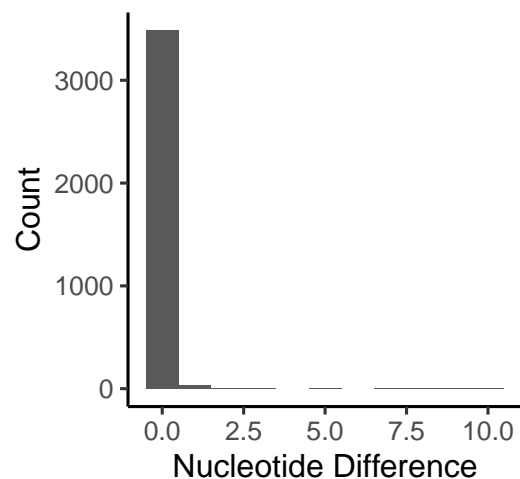
TRBV5-7*ap01

149 sequences assigned
144 (96.6%) exact matches, in which:
141 unique CDR3
13 unique J



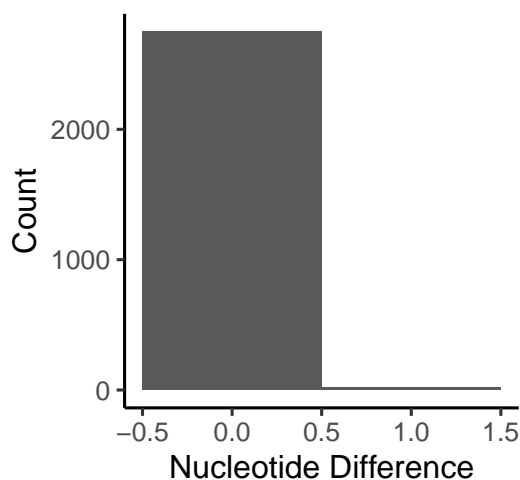
TRBV6-4*ap01

3542 sequences assigned
3485 (98.4%) exact matches, in which:
3444 unique CDR3
13 unique J



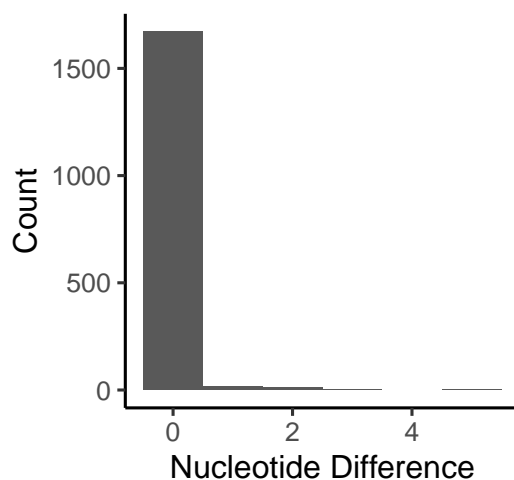
TRBV5-5*ap01

2768 sequences assigned
2749 (99.3%) exact matches, in which:
2730 unique CDR3
13 unique J



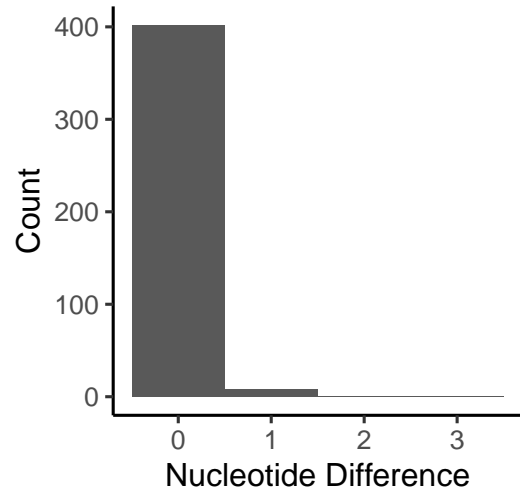
TRBV5-8*ap01

1698 sequences assigned
1671 (98.4%) exact matches, in which:
1661 unique CDR3
13 unique J



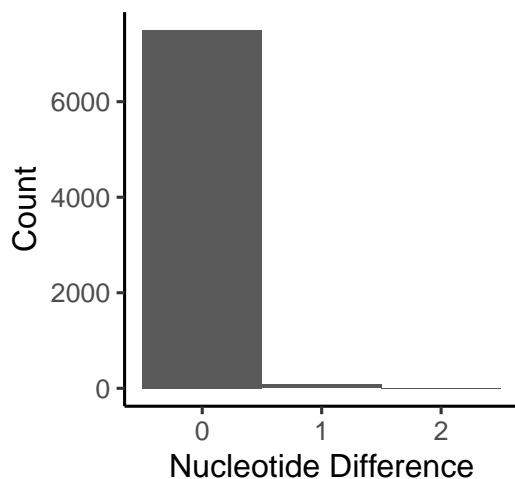
TRBV6-7*ap01

412 sequences assigned
402 (97.6%) exact matches, in which:
394 unique CDR3
13 unique J



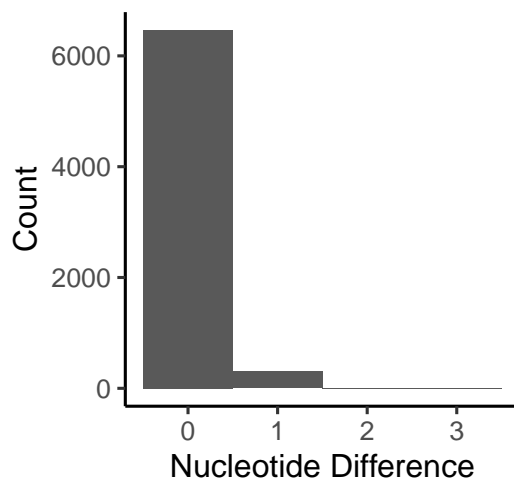
TRBV5-6*ap01

7578 sequences assigned
7499 (99%) exact matches, in which:
7324 unique CDR3
13 unique J



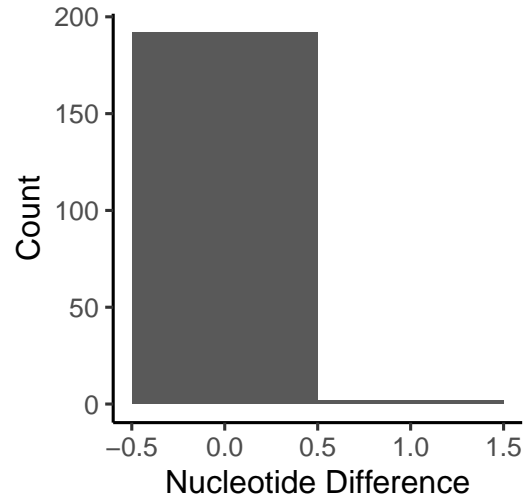
TRBV6-1*ap01

6774 sequences assigned
6466 (95.5%) exact matches, in which:
6354 unique CDR3
13 unique J



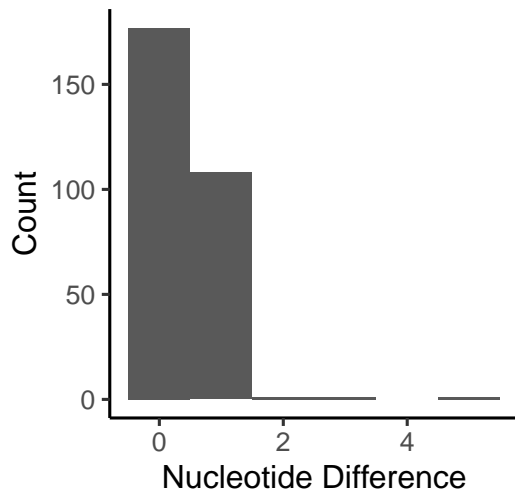
TRBV6-8*ap01

194 sequences assigned
192 (99%) exact matches, in which:
190 unique CDR3
12 unique J



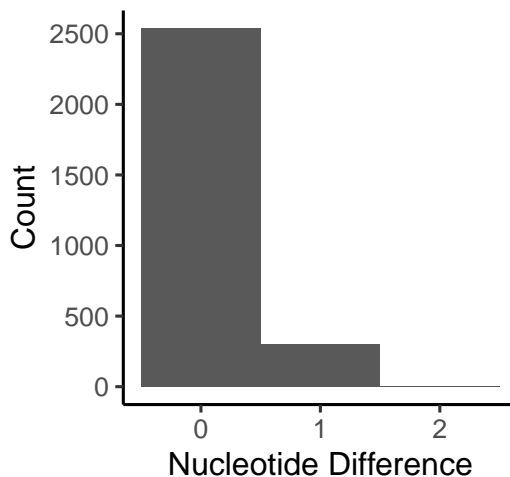
TRBV6-9*ap01

288 sequences assigned
177 (61.5%) exact matches, in which:
177 unique CDR3
13 unique J



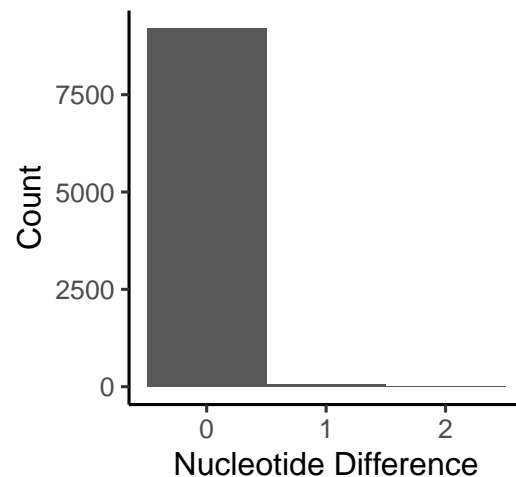
TRBV6-56*ap02

2837 sequences assigned
2538 (89.5%) exact matches, in which:
2483 unique CDR3
13 unique J



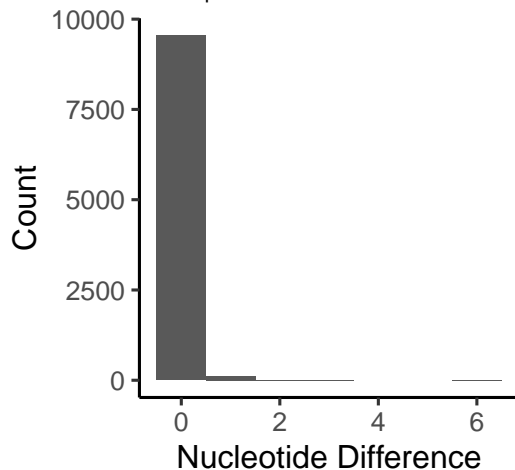
TRBV7-2*ap01

9256 sequences assigned
9202 (99.4%) exact matches, in which:
9097 unique CDR3
13 unique J



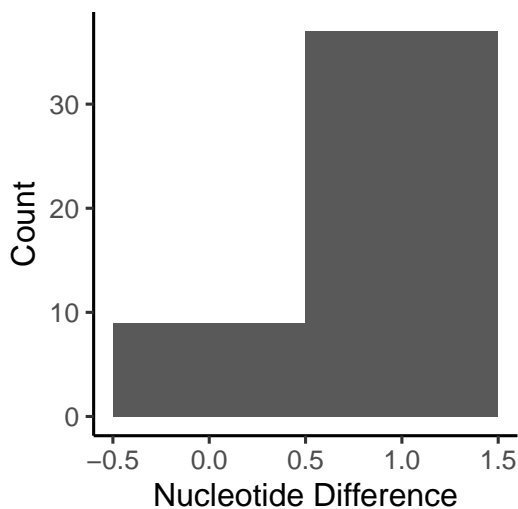
TRBV6-23*ap01

9668 sequences assigned
9548 (98.8%) exact matches, in which:
9322 unique CDR3
13 unique J



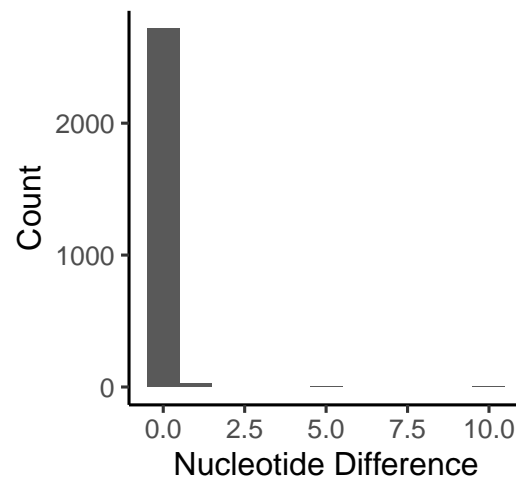
TRBV7-1*ap01_T296C

46 sequences assigned
9 (19.6%) exact matches, in which:
9 unique CDR3
5 unique J



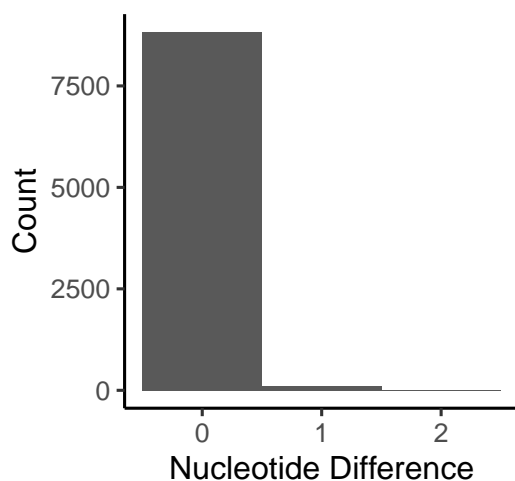
TRBV7-3*ap01

2744 sequences assigned
2716 (99%) exact matches, in which:
2696 unique CDR3
13 unique J



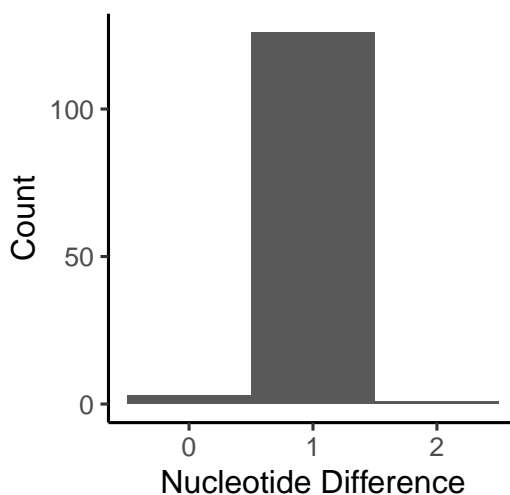
TRBV6-56*ap01

8928 sequences assigned
8827 (98.9%) exact matches, in which:
8641 unique CDR3
14 unique J



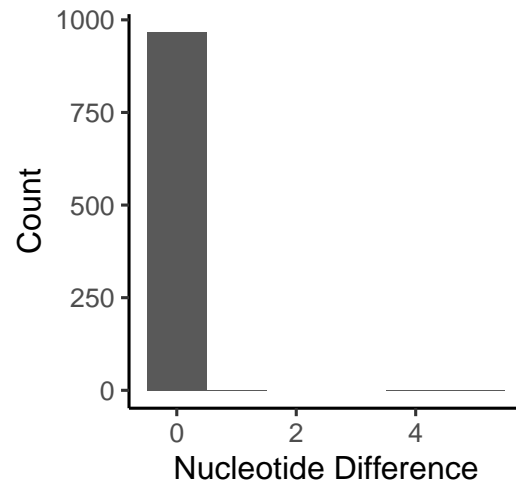
TRBV7-1*ap01_T296C_(

130 sequences assigned
3 (2.3%) exact matches, in which:
3 unique CDR3
3 unique J



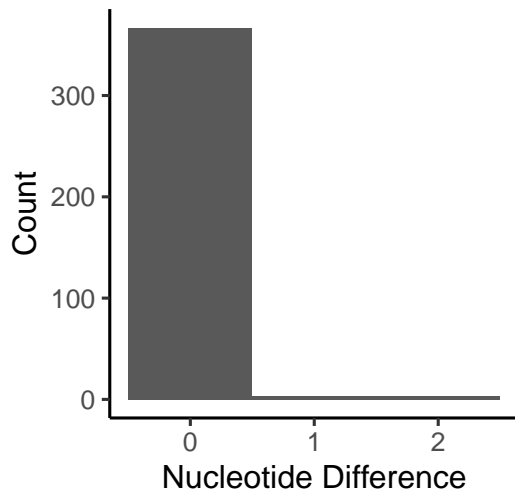
TRBV7-3*ap03

970 sequences assigned
967 (99.7%) exact matches, in which:
950 unique CDR3
13 unique J



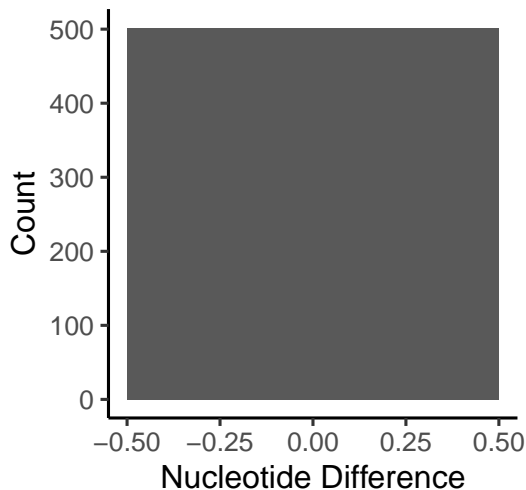
TRBV7-4*ap01

373 sequences assigned
367 (98.4%) exact matches, in which:
361 unique CDR3
13 unique J



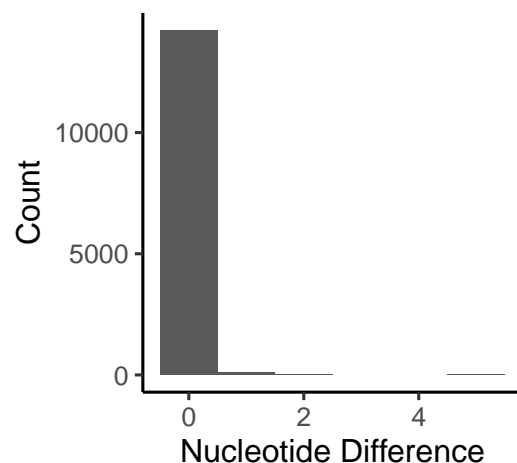
TRBV7-7*ap01_C315T

502 sequences assigned
502 (100%) exact matches, in which:
490 unique CDR3
13 unique J



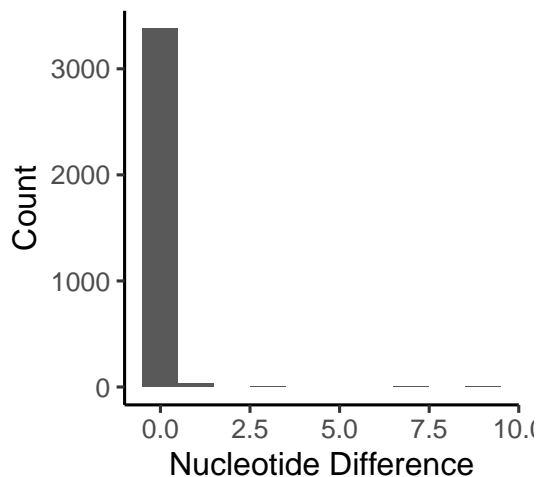
TRBV7-9*ap01

14349 sequences assigned
14227 (99.1%) exact matches, in which:
14066 unique CDR3
13 unique J



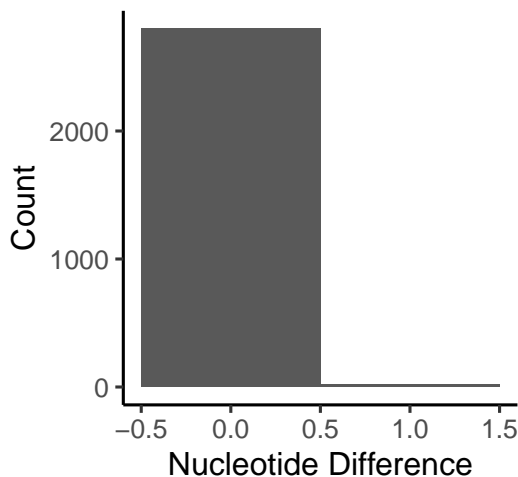
TRBV7-6*ap01

3411 sequences assigned
3378 (99%) exact matches, in which:
3329 unique CDR3
13 unique J



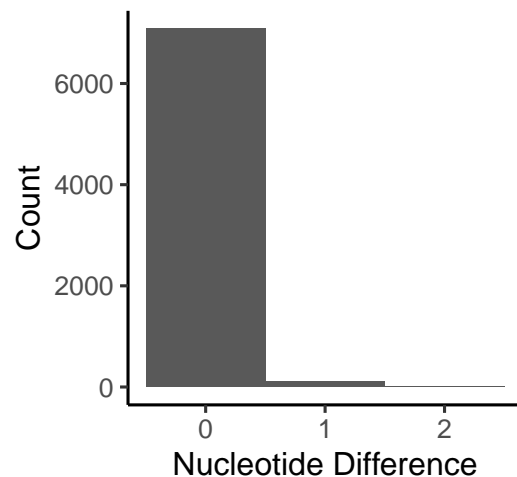
TRBV7-8*ap01

2822 sequences assigned
2799 (99.2%) exact matches, in which:
2758 unique CDR3
13 unique J



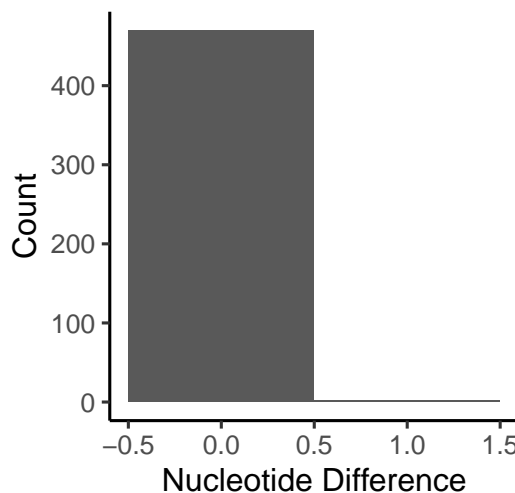
TRBV29-1*ap01

7183 sequences assigned
7083 (98.6%) exact matches, in which:
6962 unique CDR3
13 unique J



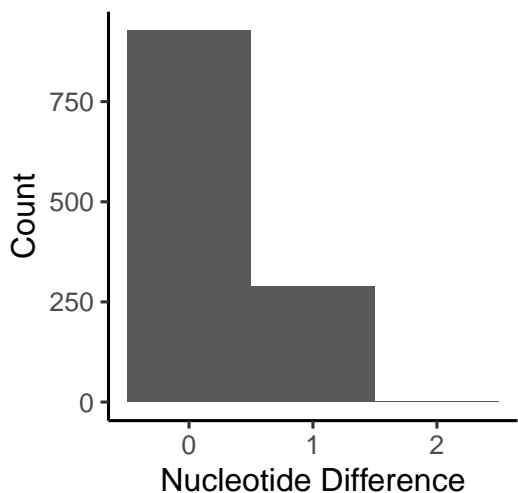
TRBV7-7*ap01

472 sequences assigned
470 (99.6%) exact matches, in which:
466 unique CDR3
13 unique J



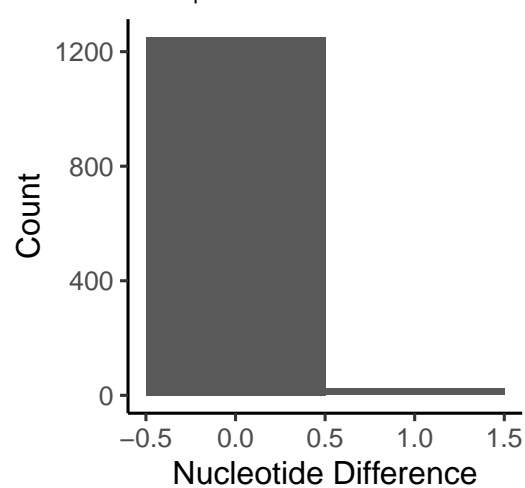
TRBV7-8*ap03

1218 sequences assigned
928 (76.2%) exact matches, in which:
911 unique CDR3
13 unique J

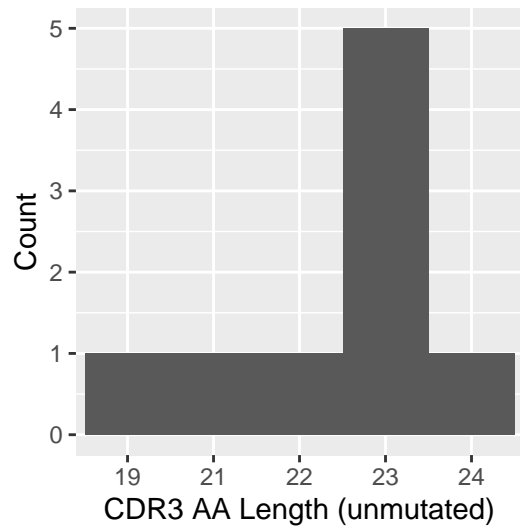


TRBV29-1*ap02

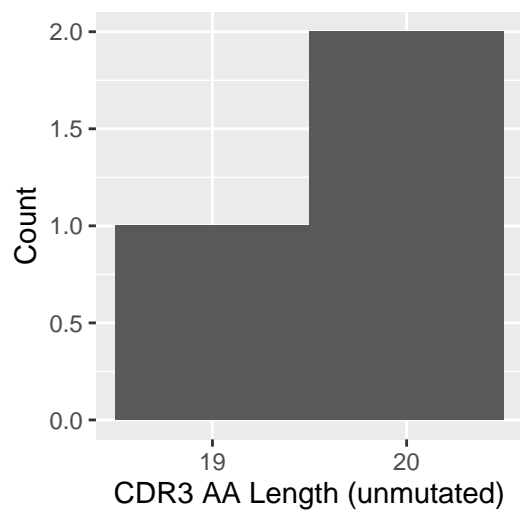
1275 sequences assigned
1251 (98.1%) exact matches, in which:
1230 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-1*ap01_T296C_C314T



TRBV7-7*ap01_C315T

