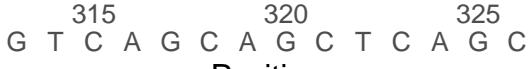
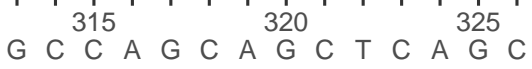


Gene TRBV7-1*ap01_G291C_T296C_C314T



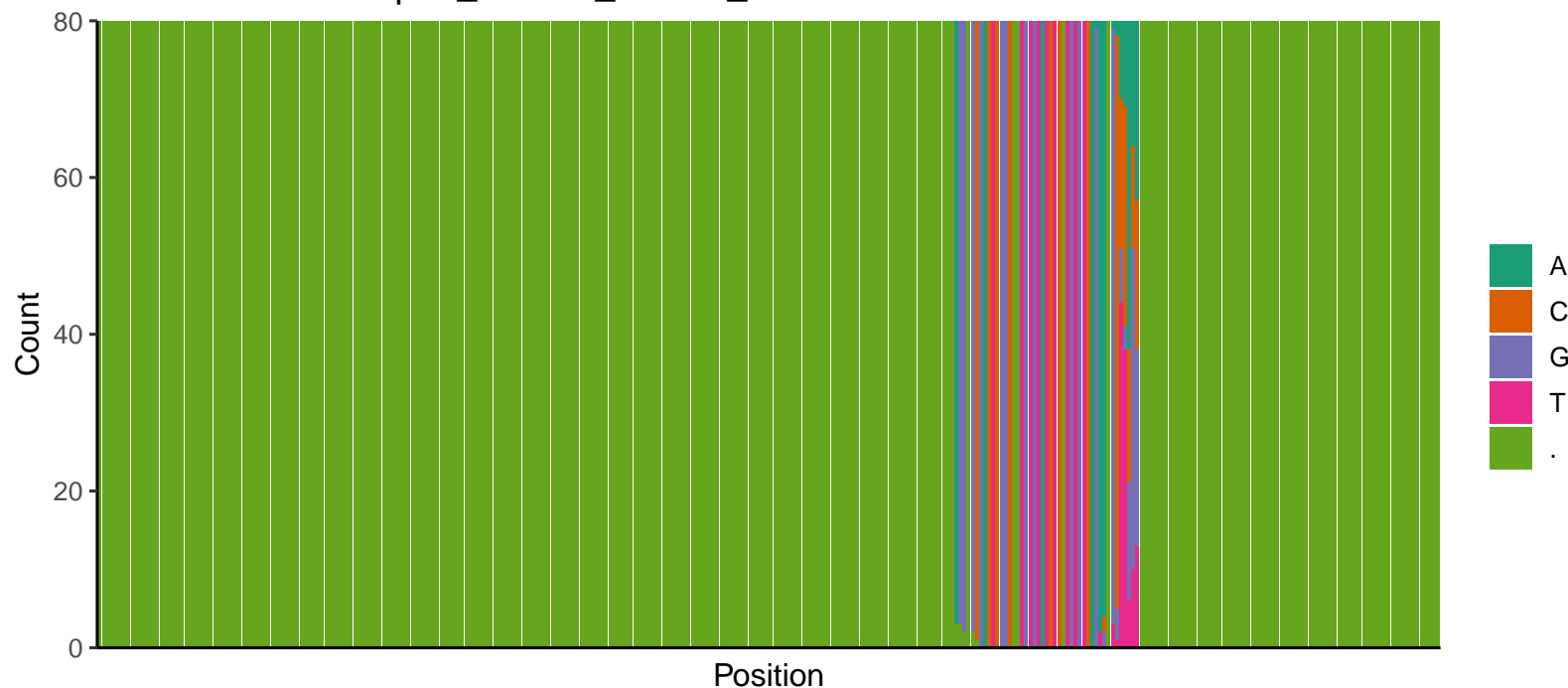
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



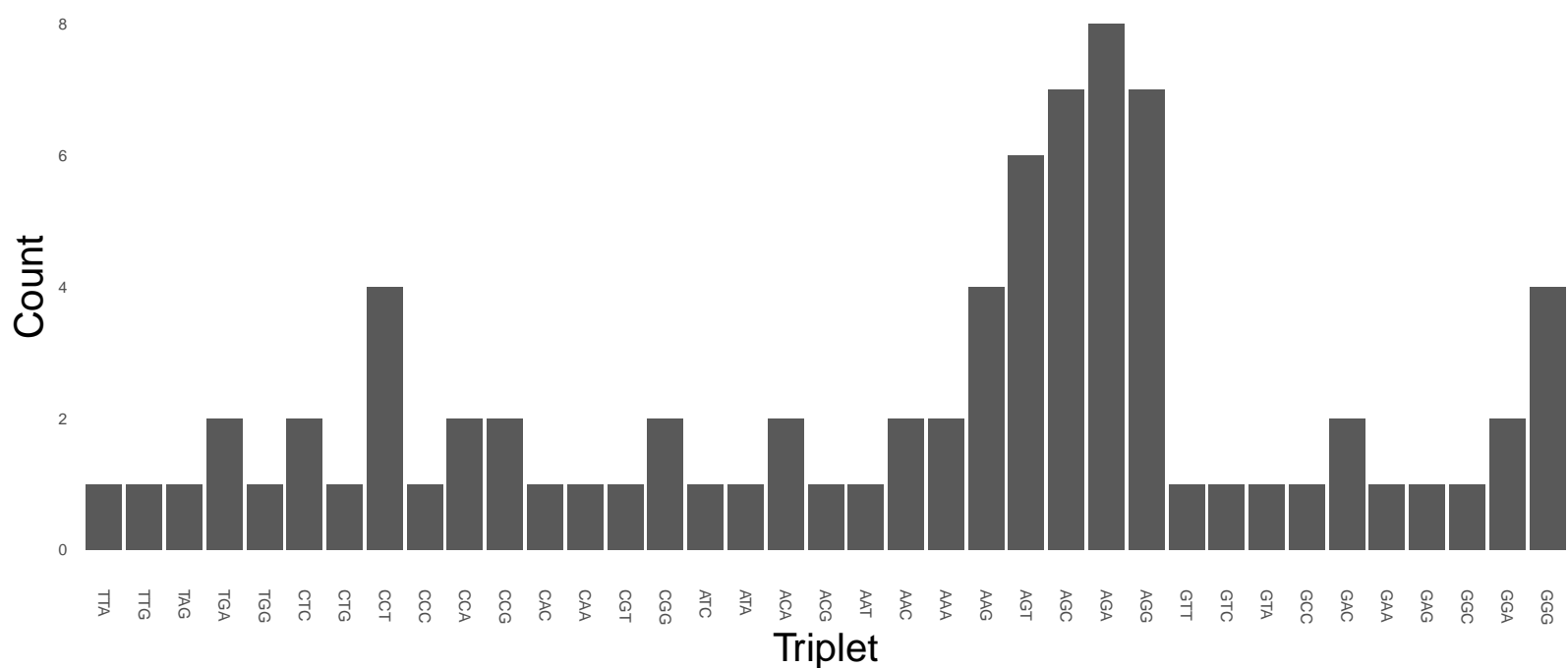
Gene TRBV7-1*ap01_G291C_T296C



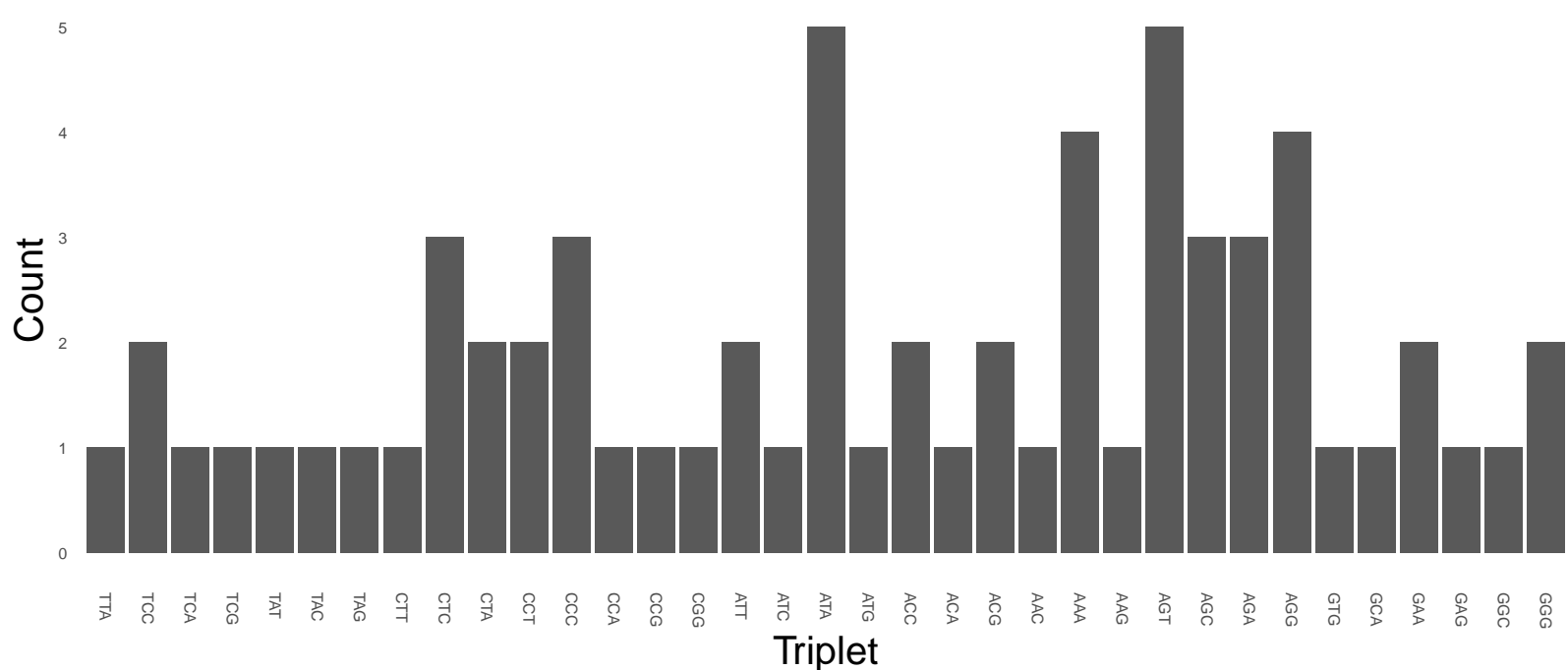
Gene TRBV7-7*ap01_C315T



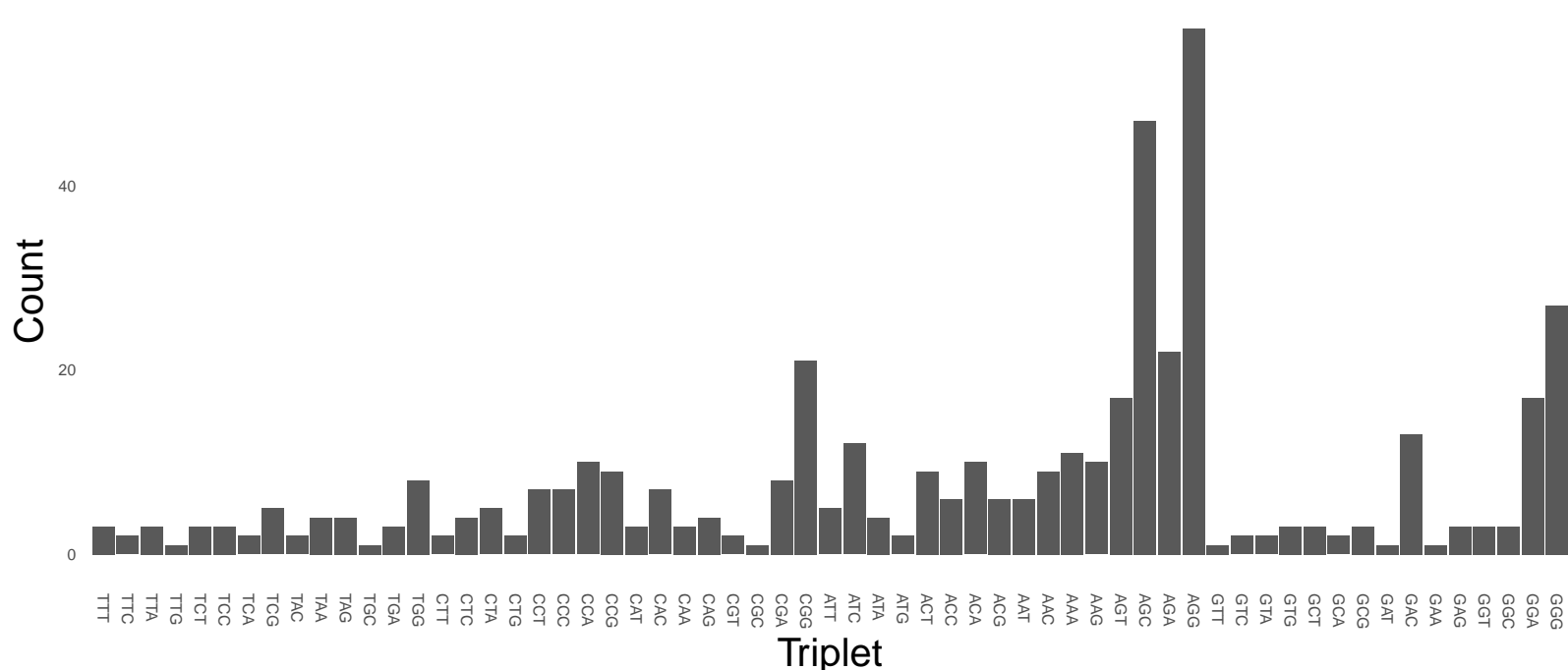
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

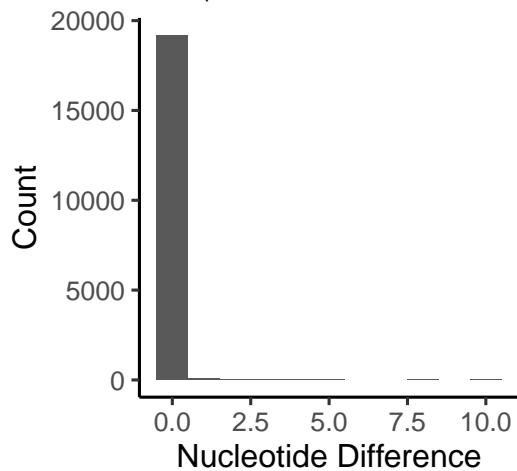


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



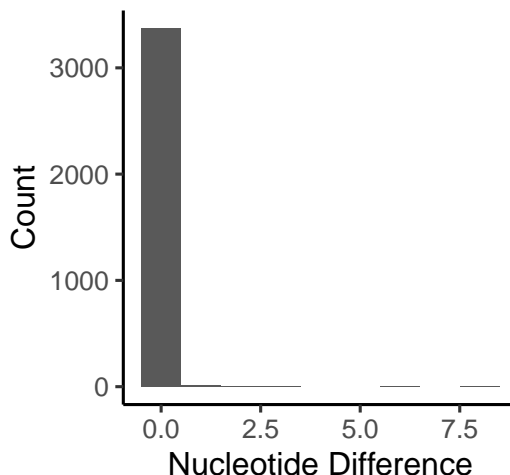
TRBV20-1*ap01

19275 sequences assigned
19191 (99.6%) exact matches, in which:
19159 unique CDR3
14 unique J



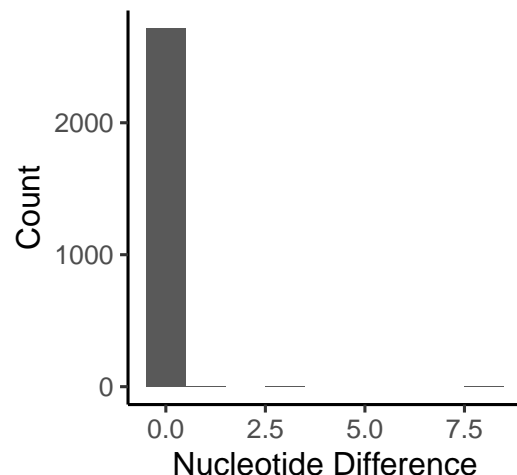
TRBV10-3*ap01

3387 sequences assigned
3371 (99.5%) exact matches, in which:
3368 unique CDR3
13 unique J



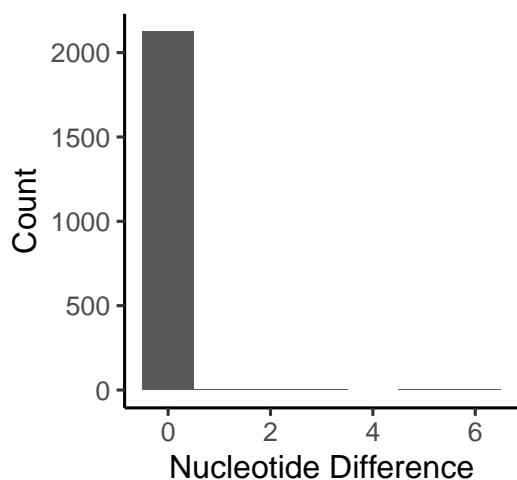
TRBV14*ap01

2718 sequences assigned
2715 (99.9%) exact matches, in which:
2714 unique CDR3
13 unique J



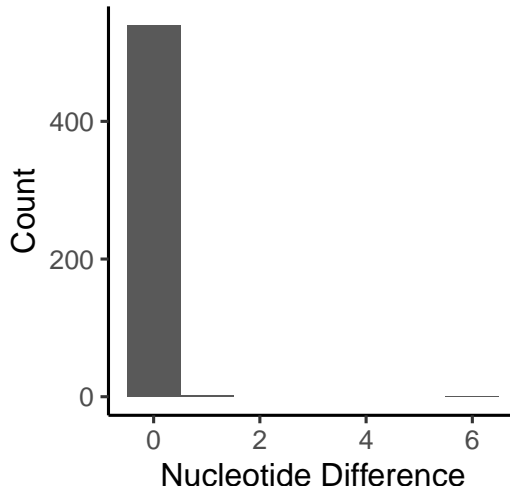
TRBV10-1*ap01

2129 sequences assigned
2124 (99.8%) exact matches, in which:
2121 unique CDR3
13 unique J



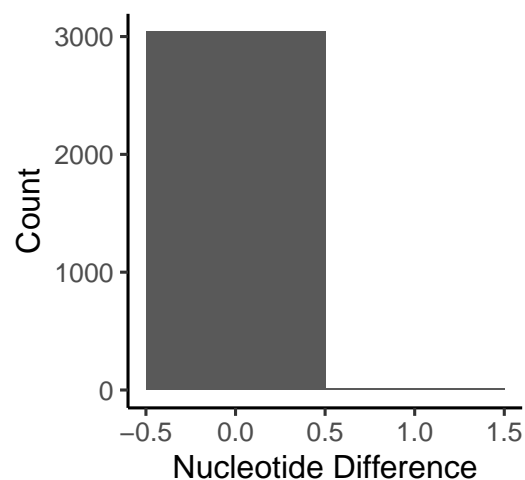
TRBV1*ap01

543 sequences assigned
540 (99.4%) exact matches, in which:
540 unique CDR3
13 unique J



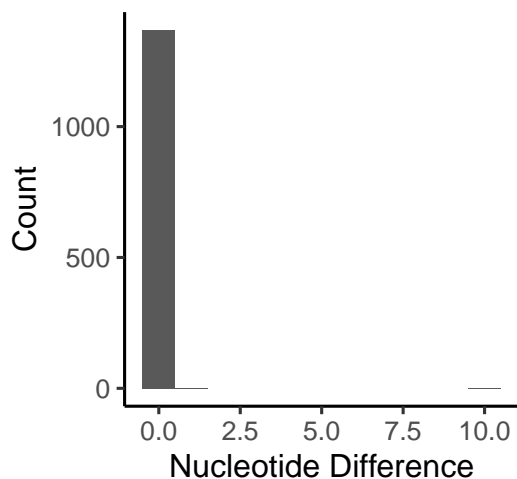
TRBV15*ap02

3050 sequences assigned
3041 (99.7%) exact matches, in which:
3035 unique CDR3
13 unique J



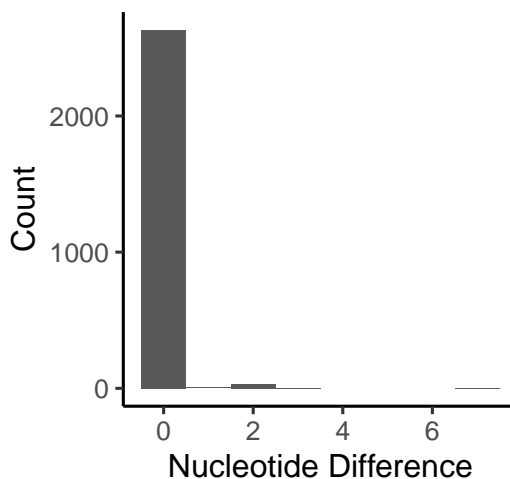
TRBV10-2*ap01

1372 sequences assigned
1369 (99.8%) exact matches, in which:
1369 unique CDR3
13 unique J



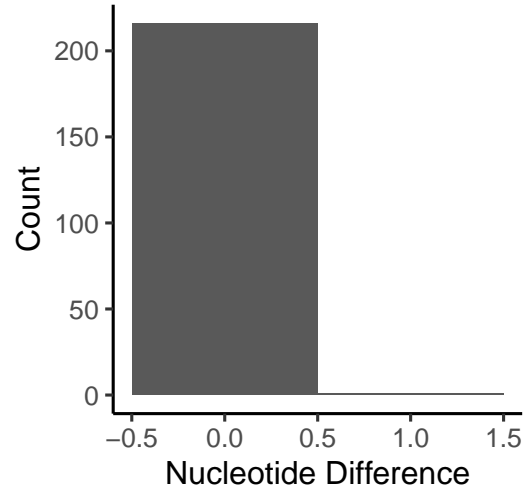
TRBV13*ap01

2670 sequences assigned
2631 (98.5%) exact matches, in which:
2625 unique CDR3
13 unique J



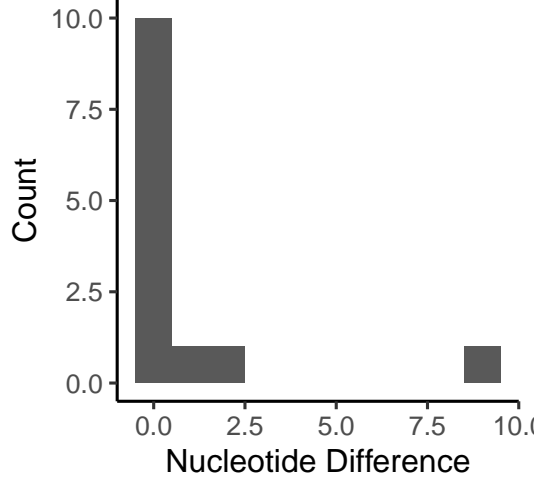
TRBV16*ap01

217 sequences assigned
216 (99.5%) exact matches, in which:
216 unique CDR3
12 unique J



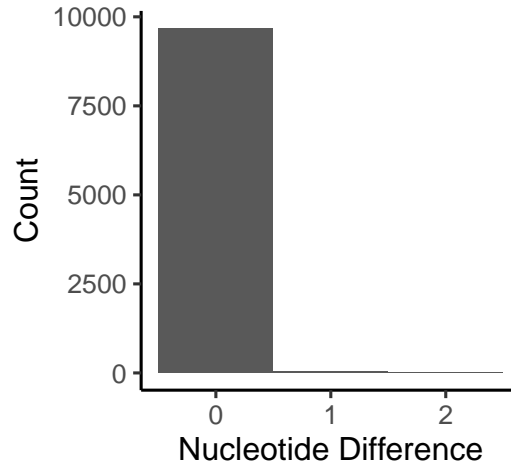
TRBV17*ap01

13 sequences assigned
10 (76.9%) exact matches, in which:
10 unique CDR3
5 unique J



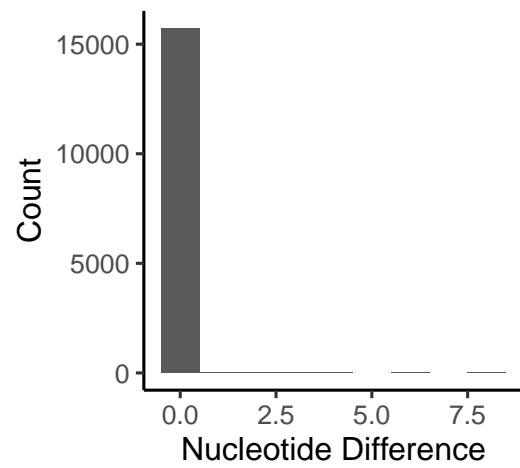
TRBV2*ap01

9718 sequences assigned
9682 (99.6%) exact matches, in which:
9660 unique CDR3
13 unique J



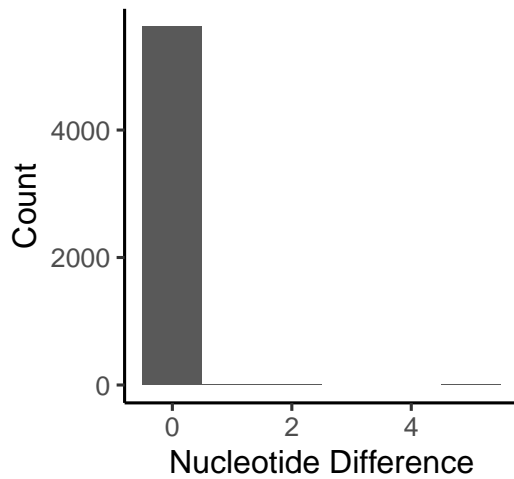
TRBV28*ap01

15776 sequences assigned
15731 (99.7%) exact matches, in which:
15726 unique CDR3
13 unique J



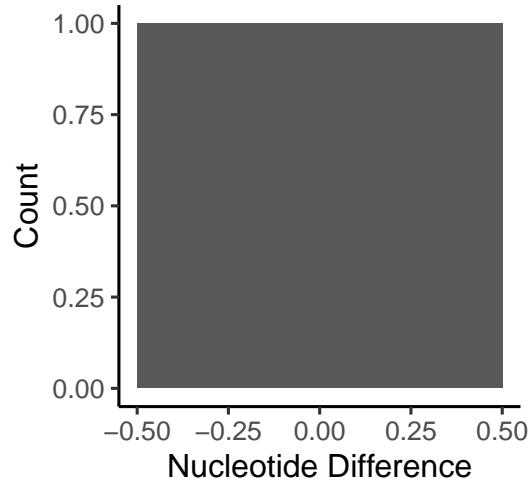
TRBV18*ap01

5628 sequences assigned
5621 (99.9%) exact matches, in which:
5620 unique CDR3
13 unique J



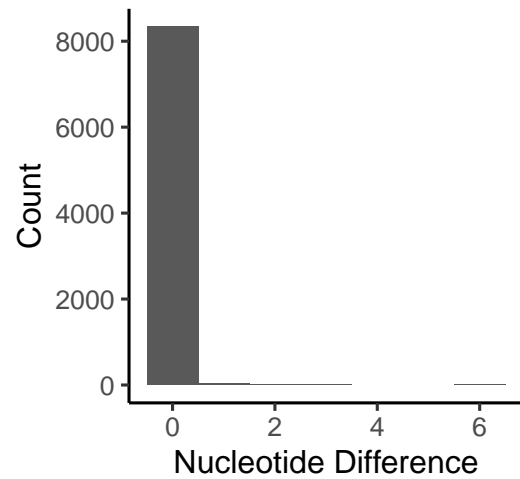
TRBV26*ap01

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



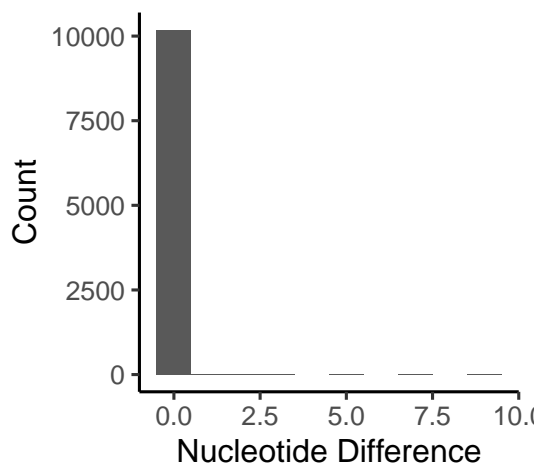
TRBV30*ap01

8392 sequences assigned
8337 (99.3%) exact matches, in which:
8312 unique CDR3
13 unique J



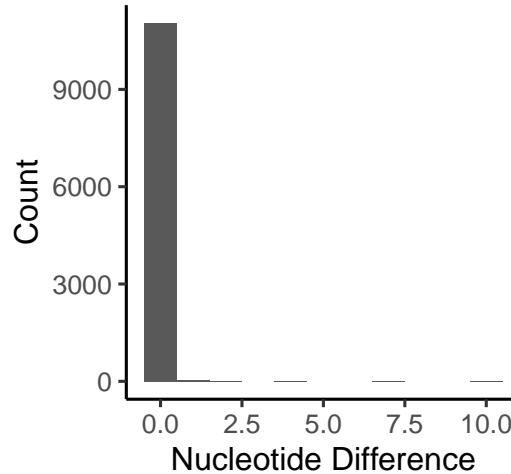
TRBV19*ap01

10214 sequences assigned
10186 (99.7%) exact matches, in which:
10184 unique CDR3
13 unique J



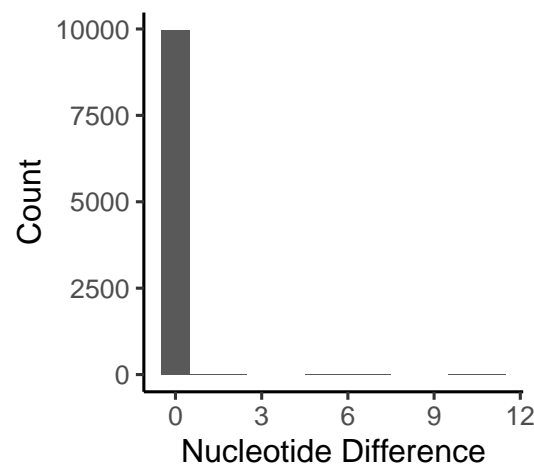
TRBV27*ap01

11096 sequences assigned
11046 (99.5%) exact matches, in which:
11012 unique CDR3
13 unique J



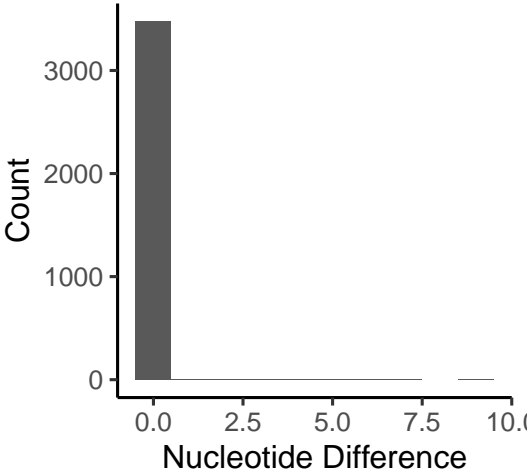
TRBV9*ap01

9997 sequences assigned
9976 (99.8%) exact matches, in which:
9966 unique CDR3
13 unique J



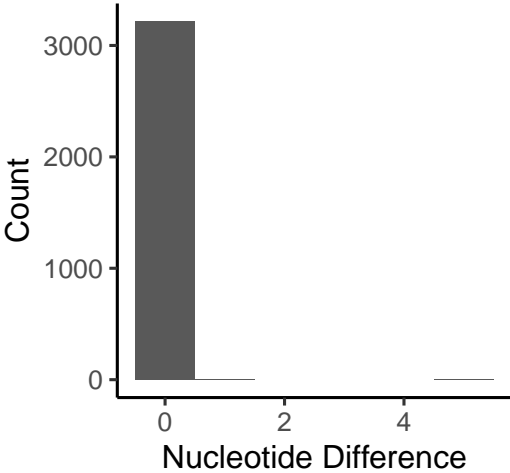
TRBV21-1*ap01

3504 sequences assigned
3476 (99.2%) exact matches, in which:
3475 unique CDR3
13 unique J



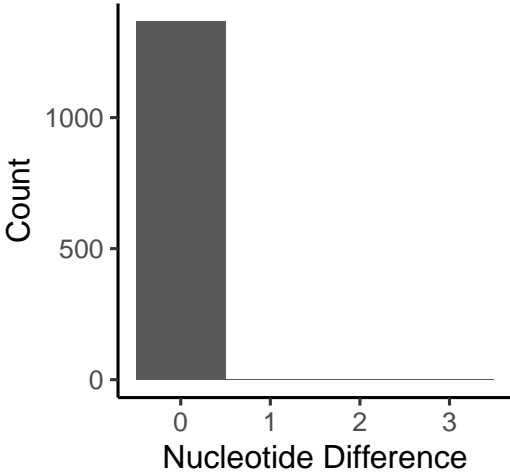
TRBV11-3*ap01

3223 sequences assigned
3216 (99.8%) exact matches, in which:
3213 unique CDR3
13 unique J



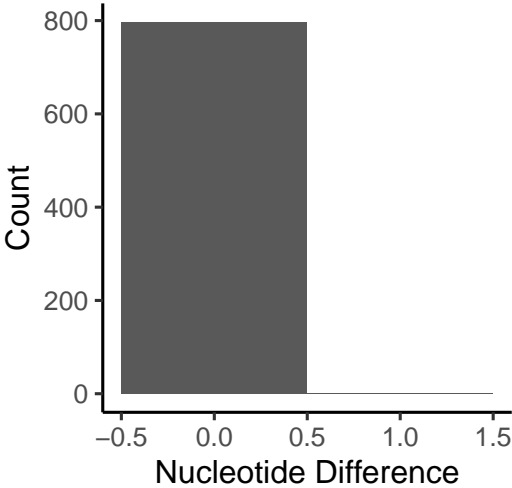
TRBV12-5*ap01

1372 sequences assigned
1367 (99.6%) exact matches, in which:
1366 unique CDR3
13 unique J



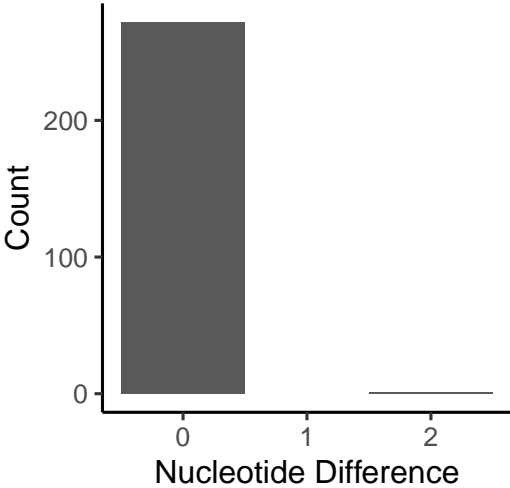
TRBV11-1*ap01

798 sequences assigned
797 (99.9%) exact matches, in which:
797 unique CDR3
13 unique J



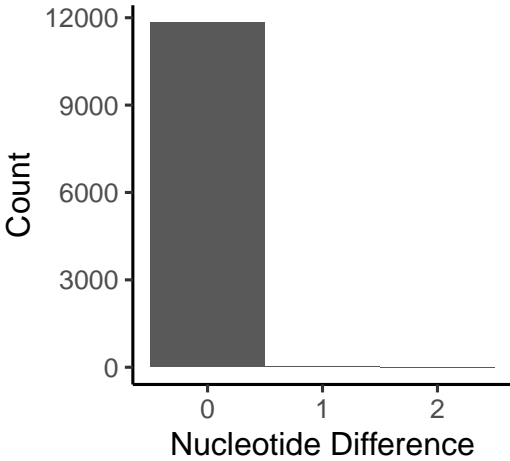
TRBV12-1*ap01

273 sequences assigned
272 (99.6%) exact matches, in which:
272 unique CDR3
13 unique J



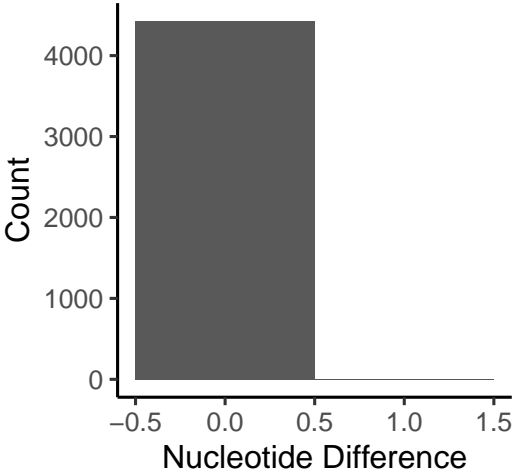
TRBV12-34*ap01

11857 sequences assigned
11837 (99.8%) exact matches, in which:
11830 unique CDR3
13 unique J



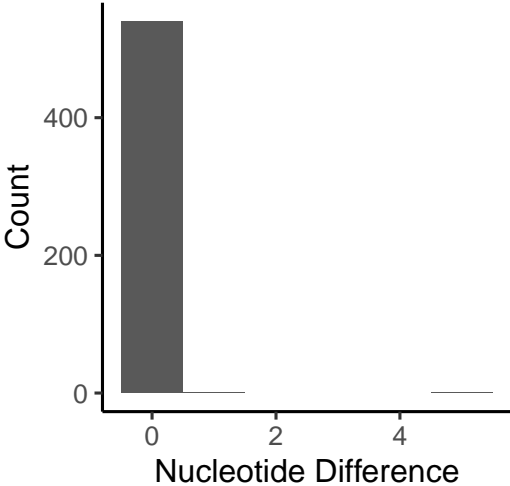
TRBV11-2*ap01

4434 sequences assigned
4427 (99.8%) exact matches, in which:
4426 unique CDR3
13 unique J



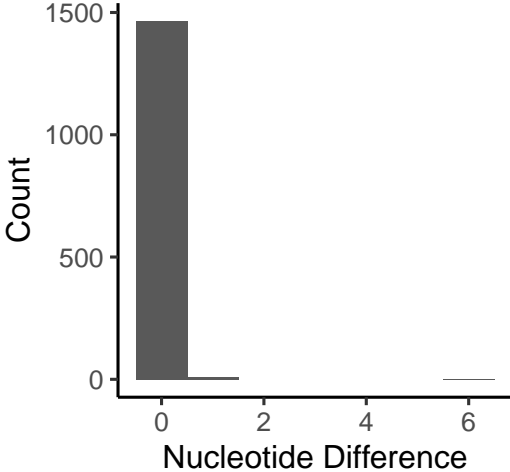
TRBV12-2*ap01

542 sequences assigned
540 (99.6%) exact matches, in which:
540 unique CDR3
13 unique J



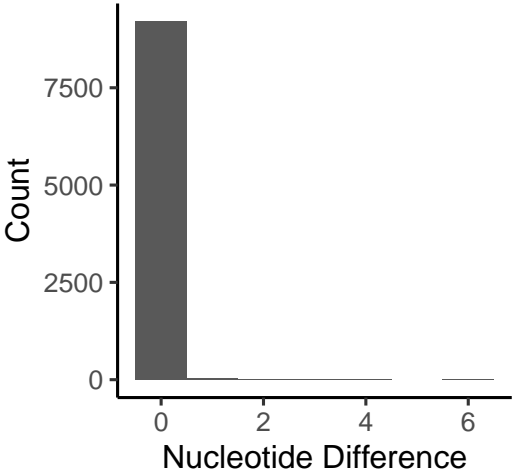
TRBV23-1*ap01

1475 sequences assigned
1465 (99.3%) exact matches, in which:
1464 unique CDR3
13 unique J



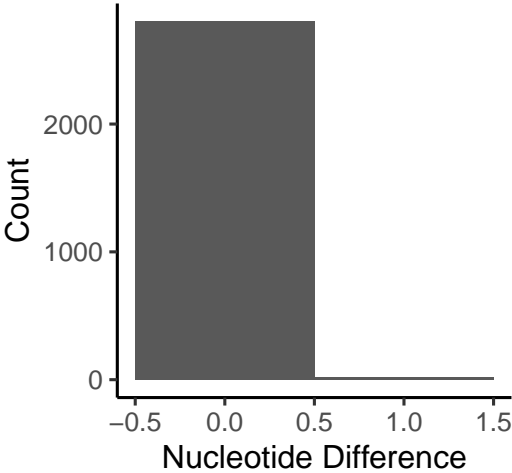
TRBV3-12*ap01

9254 sequences assigned
9205 (99.5%) exact matches, in which:
9184 unique CDR3
13 unique J



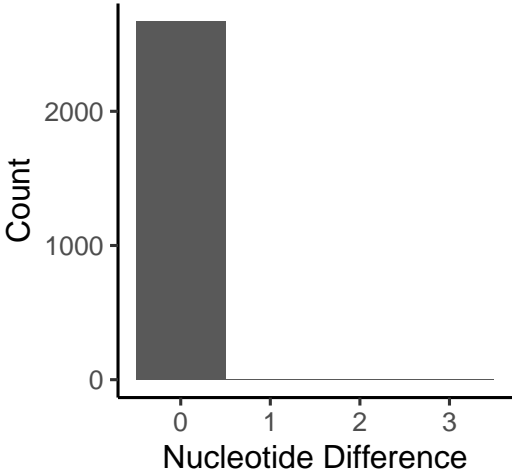
TRBV4-2*ap01

2821 sequences assigned
2803 (99.4%) exact matches, in which:
2801 unique CDR3
13 unique J



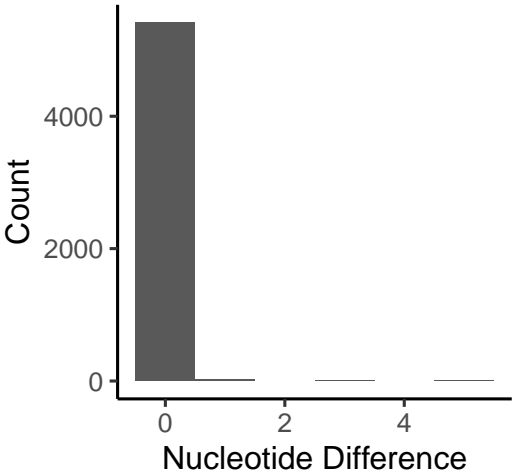
TRBV25-1*ap01

2680 sequences assigned
2670 (99.6%) exact matches, in which:
2665 unique CDR3
13 unique J



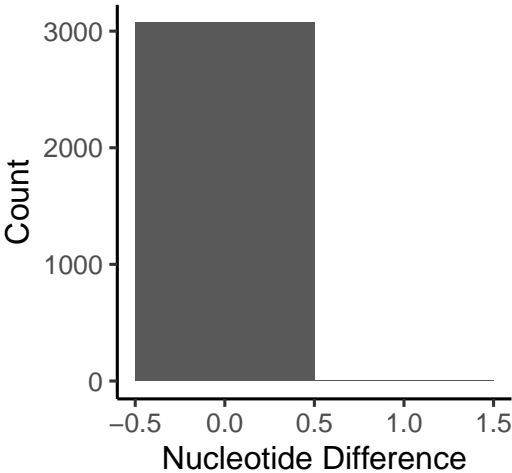
TRBV24-1*ap01

5443 sequences assigned
5413 (99.4%) exact matches, in which:
5400 unique CDR3
13 unique J



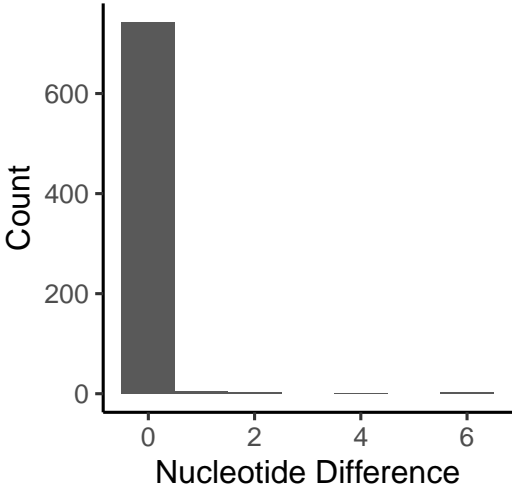
TRBV4-3*ap01

3078 sequences assigned
3072 (99.8%) exact matches, in which:
3067 unique CDR3
13 unique J



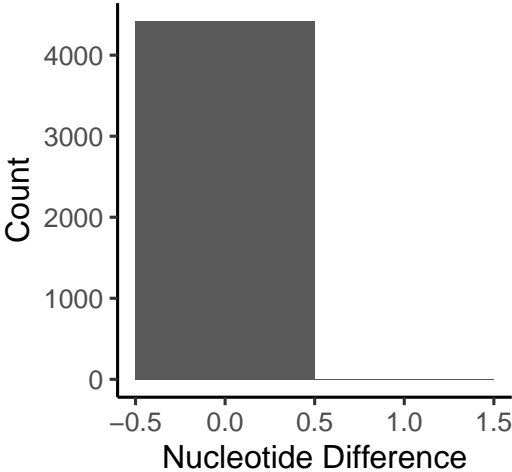
TRBV5-3*ap01

753 sequences assigned
743 (98.7%) exact matches, in which:
743 unique CDR3
13 unique J



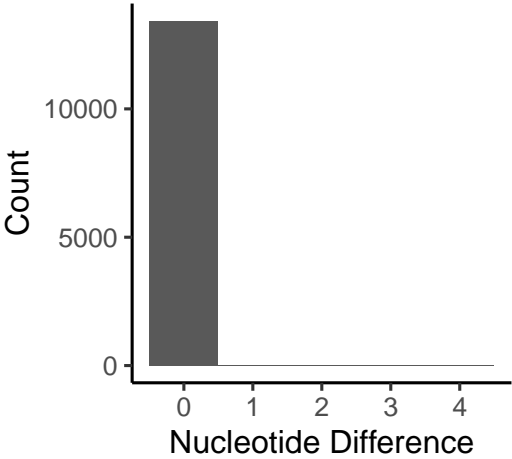
TRBV4-1*ap01

4425 sequences assigned
4421 (99.9%) exact matches, in which:
4415 unique CDR3
13 unique J



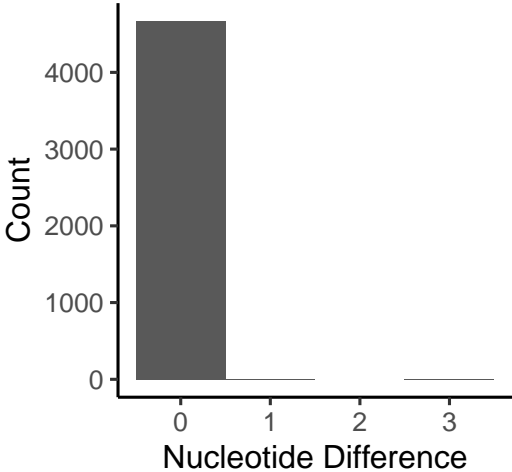
TRBV5-1*ap01

13473 sequences assigned
13431 (99.7%) exact matches, in which:
13384 unique CDR3
13 unique J



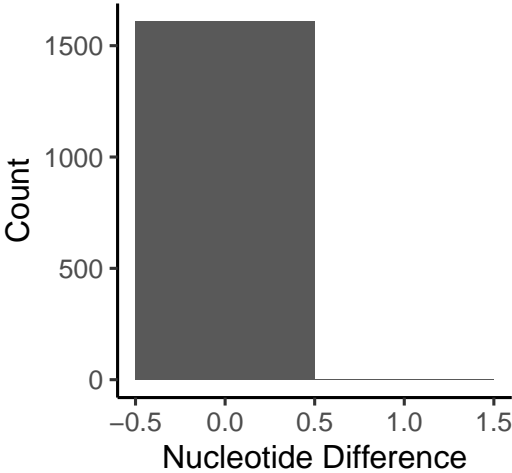
TRBV5-4*ap01

4677 sequences assigned
4669 (99.8%) exact matches, in which:
4668 unique CDR3
13 unique J



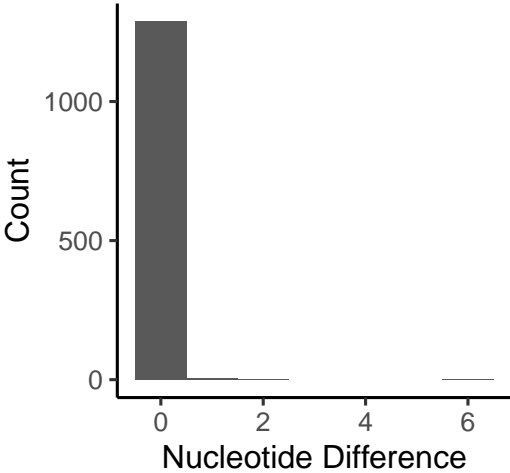
TRBV5-5*ap01

1611 sequences assigned
1609 (99.9%) exact matches, in which:
1607 unique CDR3
13 unique J



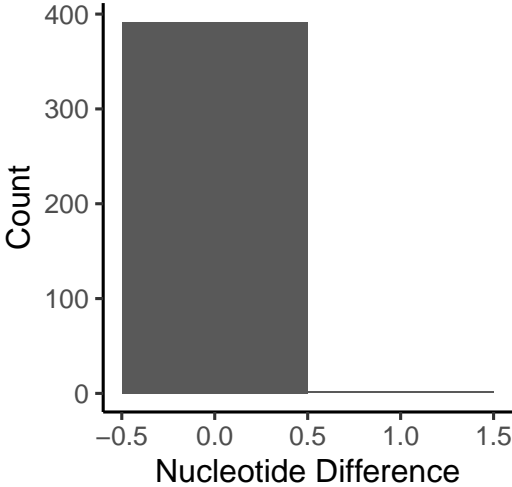
TRBV5-8*ap01

1296 sequences assigned
1288 (99.4%) exact matches, in which:
1288 unique CDR3
13 unique J



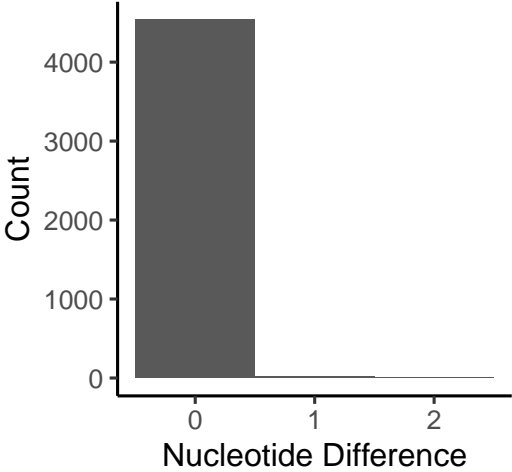
TRBV6-7*ap01

394 sequences assigned
392 (99.5%) exact matches, in which:
392 unique CDR3
13 unique J



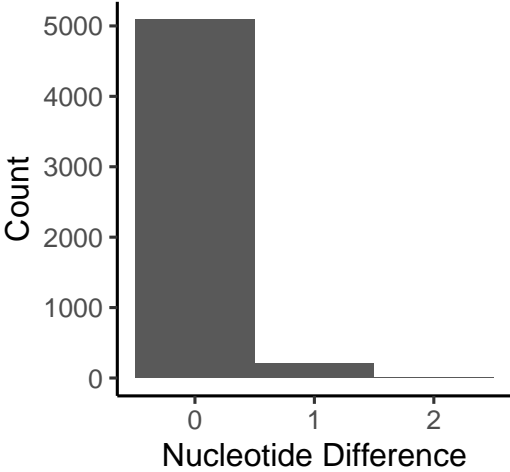
TRBV5-6*ap01

4553 sequences assigned
4537 (99.6%) exact matches, in which:
4523 unique CDR3
13 unique J



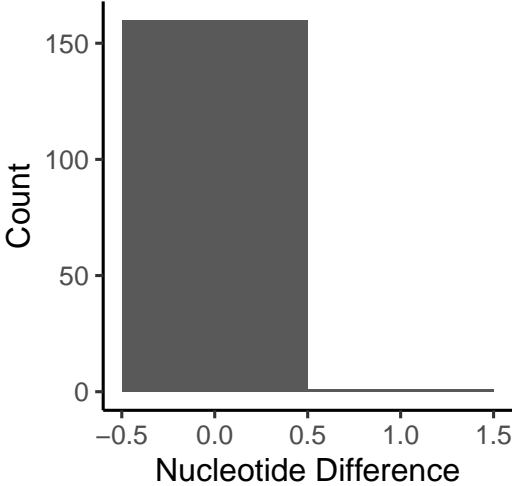
TRBV6-1*ap01

5293 sequences assigned
5088 (96.1%) exact matches, in which:
5079 unique CDR3
13 unique J



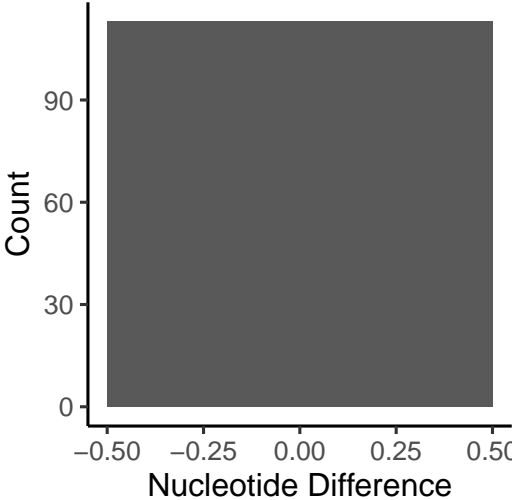
TRBV6-8*ap01

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



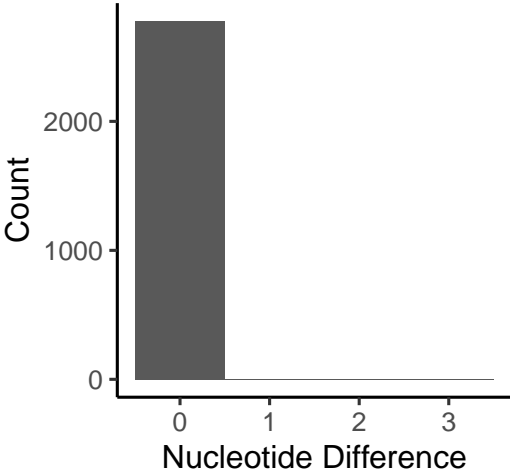
TRBV5-7*ap01

113 sequences assigned
113 (100%) exact matches, in which:
113 unique CDR3
13 unique J



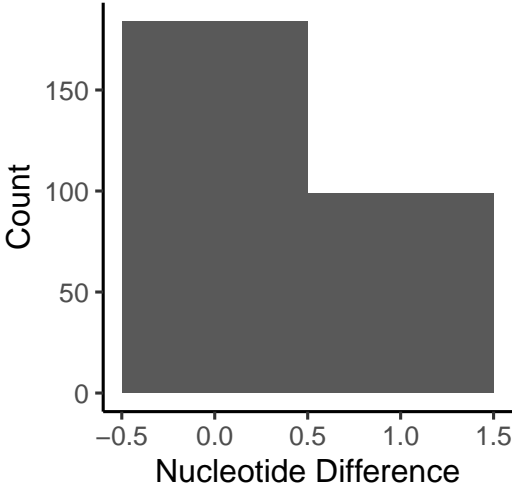
TRBV6-4*ap01

2786 sequences assigned
2778 (99.7%) exact matches, in which:
2778 unique CDR3
13 unique J



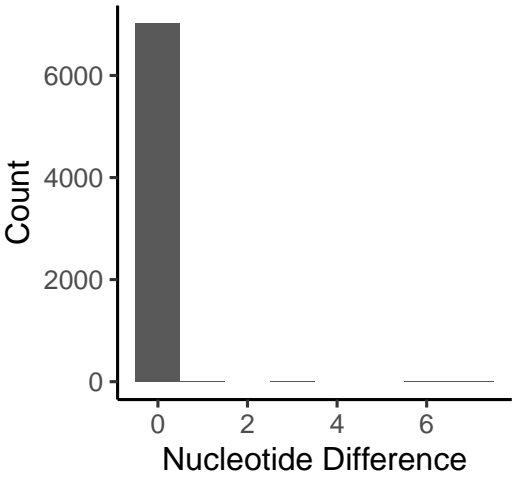
TRBV6-9*ap01

283 sequences assigned
184 (65%) exact matches, in which:
184 unique CDR3
13 unique J



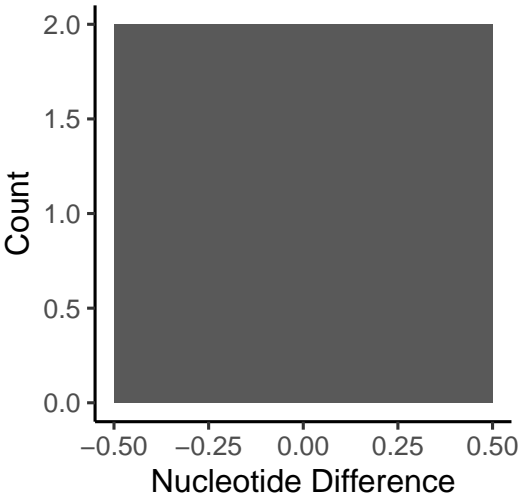
TRBV6-23*ap01

7040 sequences assigned
7020 (99.7%) exact matches, in which:
6987 unique CDR3
13 unique J



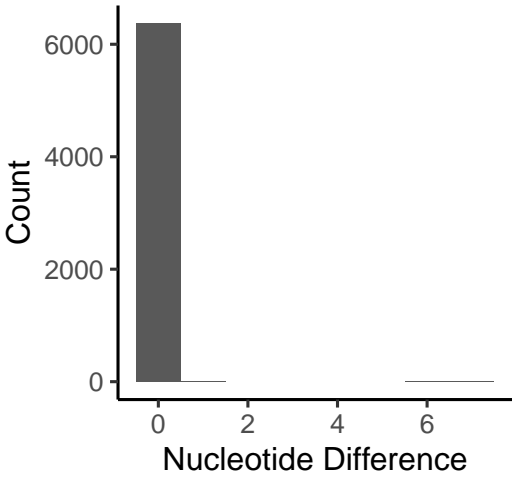
TRBV7-1*ap01

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
2 unique J



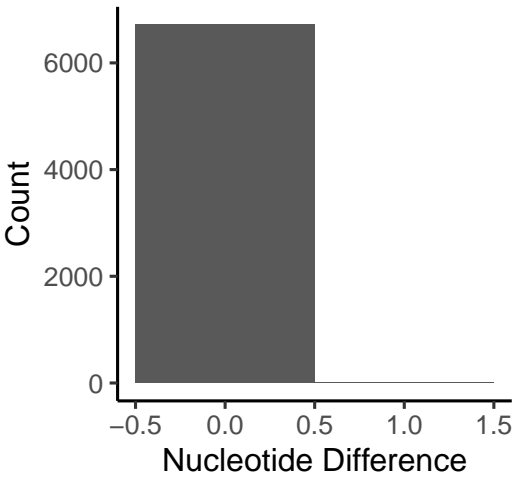
TRBV7-2*ap01

6387 sequences assigned
6371 (99.7%) exact matches, in which:
6365 unique CDR3
13 unique J



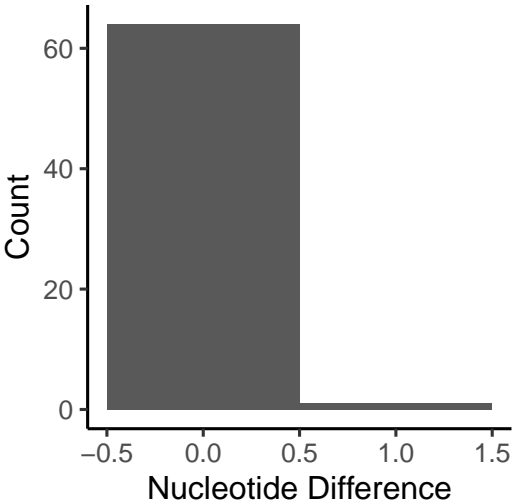
TRBV6-56*ap01

6732 sequences assigned
6715 (99.7%) exact matches, in which:
6704 unique CDR3
13 unique J



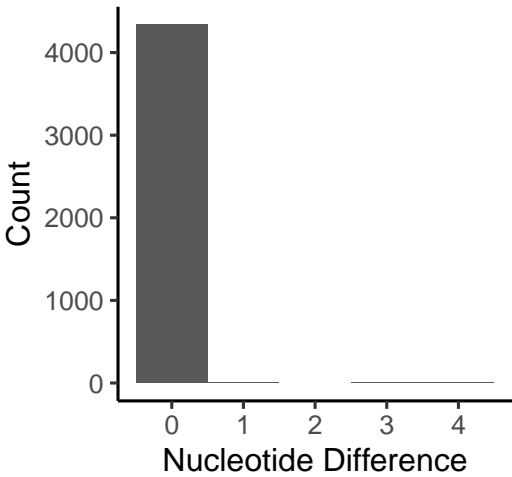
TRBV7-1*ap01_G291C_T

65 sequences assigned
64 (98.5%) exact matches, in which:
64 unique CDR3
12 unique J



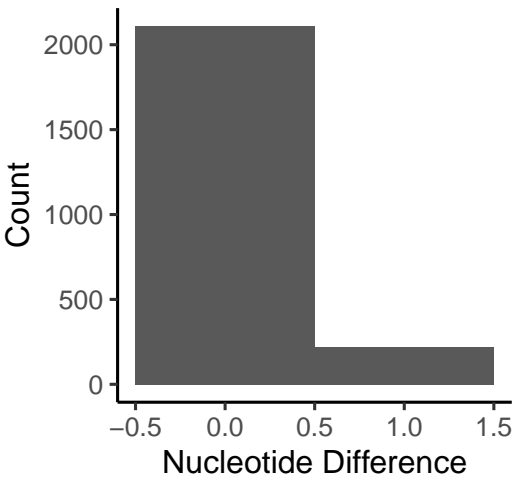
TRBV7-3*ap01

4348 sequences assigned
4337 (99.7%) exact matches, in which:
4328 unique CDR3
13 unique J



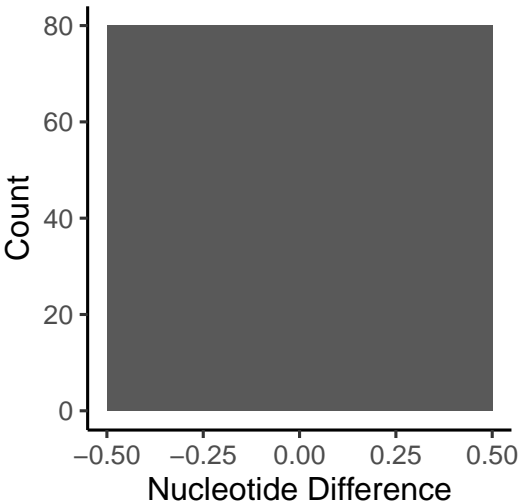
TRBV6-56*ap02

2328 sequences assigned
2110 (90.6%) exact matches, in which:
2105 unique CDR3
13 unique J



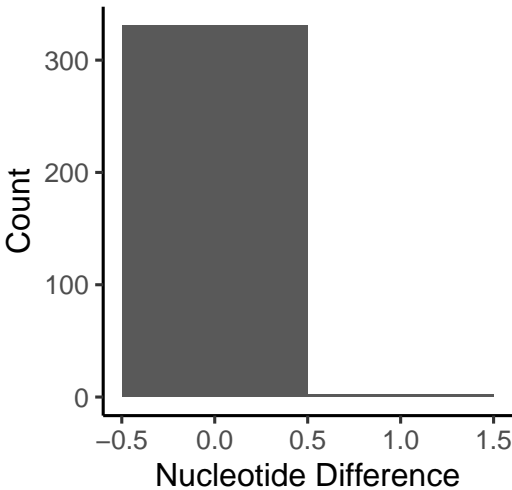
TRBV7-1*ap01_G291C_T

80 sequences assigned
80 (100%) exact matches, in which:
80 unique CDR3
11 unique J



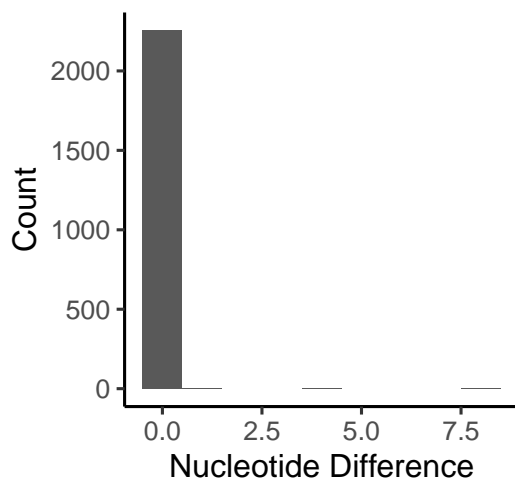
TRBV7-4*ap01

333 sequences assigned
331 (99.4%) exact matches, in which:
331 unique CDR3
13 unique J



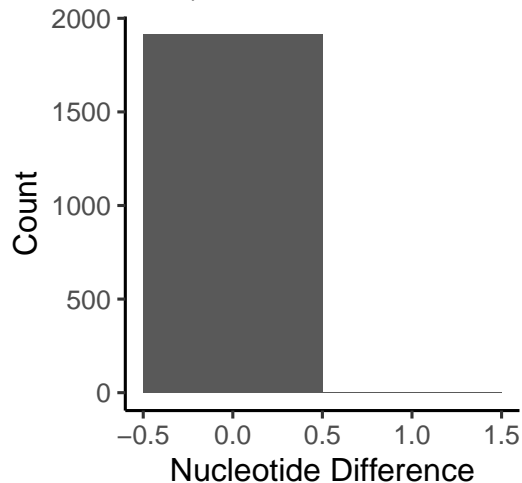
TRBV7-6*ap01

2262 sequences assigned
2255 (99.7%) exact matches, in which:
2253 unique CDR3
13 unique J



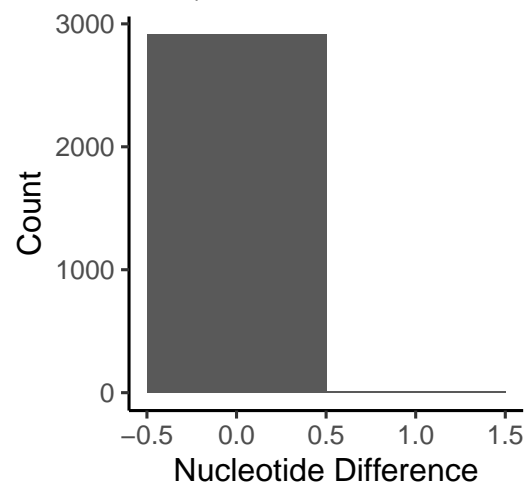
TRBV7-8*ap01

1918 sequences assigned
1914 (99.8%) exact matches, in which:
1913 unique CDR3
13 unique J



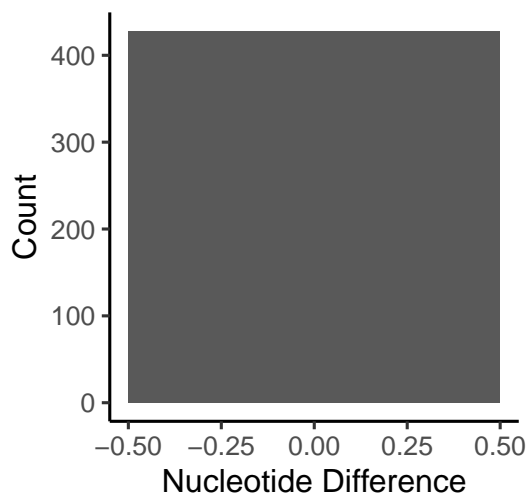
TRBV29-1*ap01

2925 sequences assigned
2914 (99.6%) exact matches, in which:
2903 unique CDR3
13 unique J



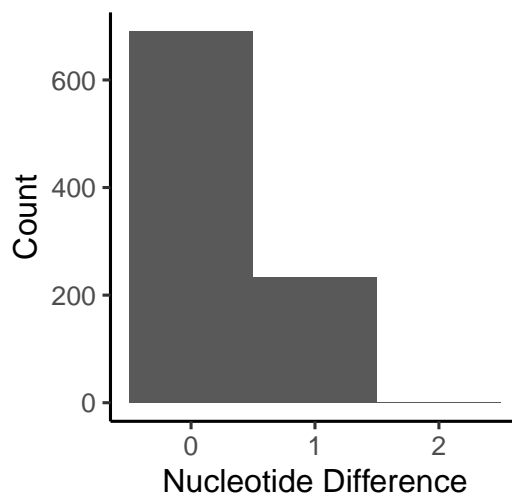
TRBV7-7*ap01

428 sequences assigned
428 (100%) exact matches, in which:
428 unique CDR3
13 unique J



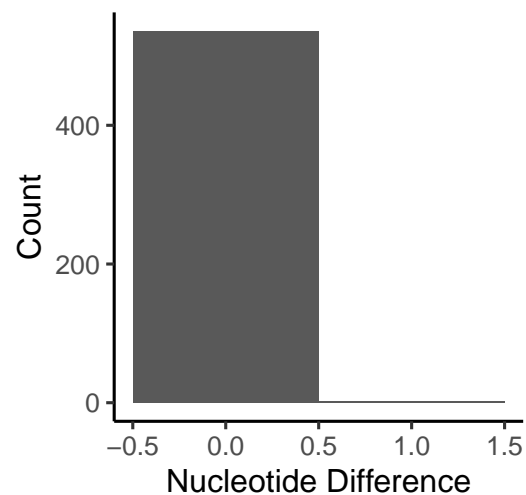
TRBV7-8*ap03

926 sequences assigned
691 (74.6%) exact matches, in which:
691 unique CDR3
13 unique J



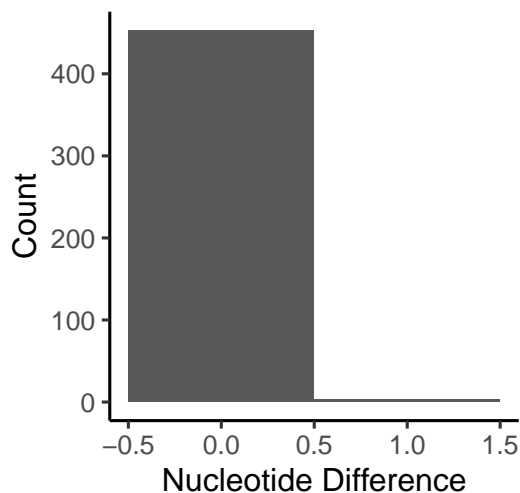
TRBV29-1*ap02

538 sequences assigned
536 (99.6%) exact matches, in which:
535 unique CDR3
13 unique J



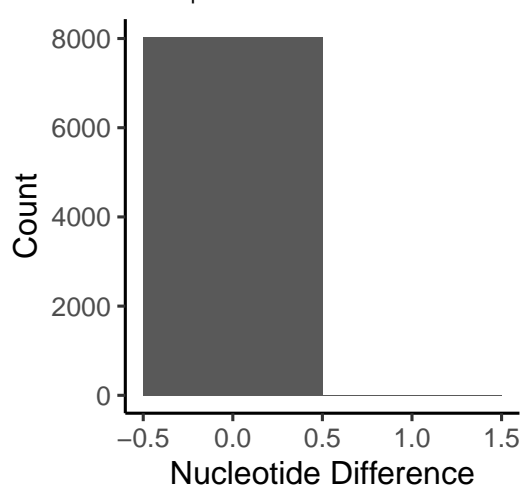
TRBV7-7*ap01_C315T

456 sequences assigned
453 (99.3%) exact matches, in which:
453 unique CDR3
12 unique J

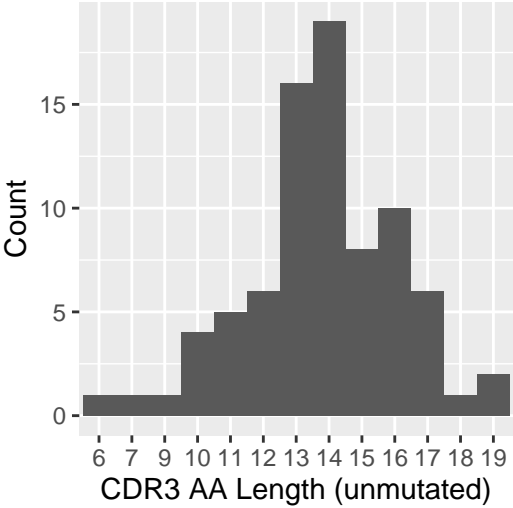


TRBV7-9*ap01

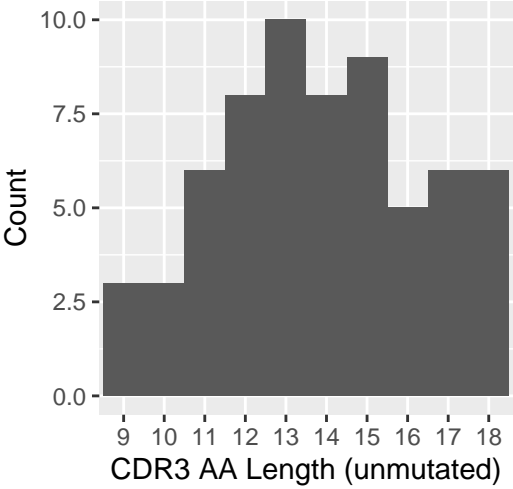
8042 sequences assigned
8033 (99.9%) exact matches, in which:
8031 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T

