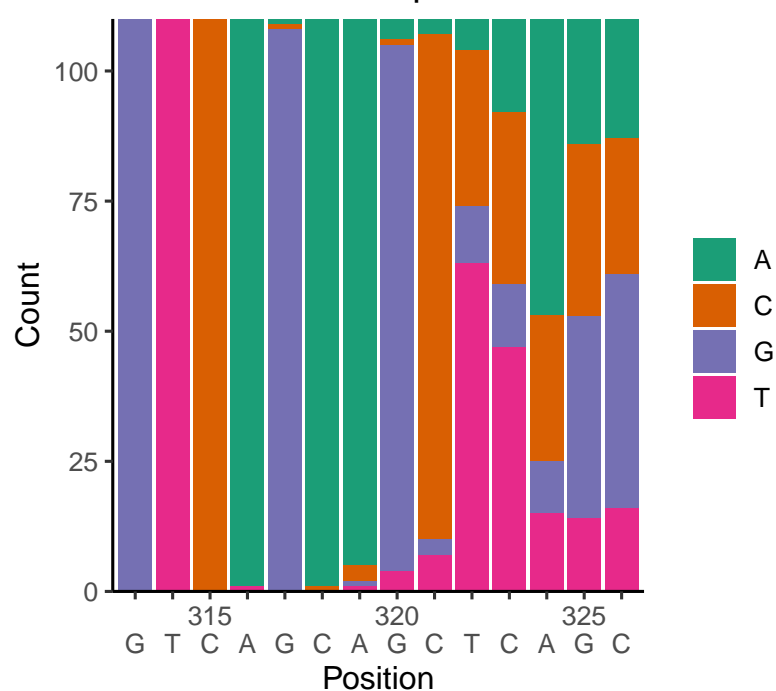
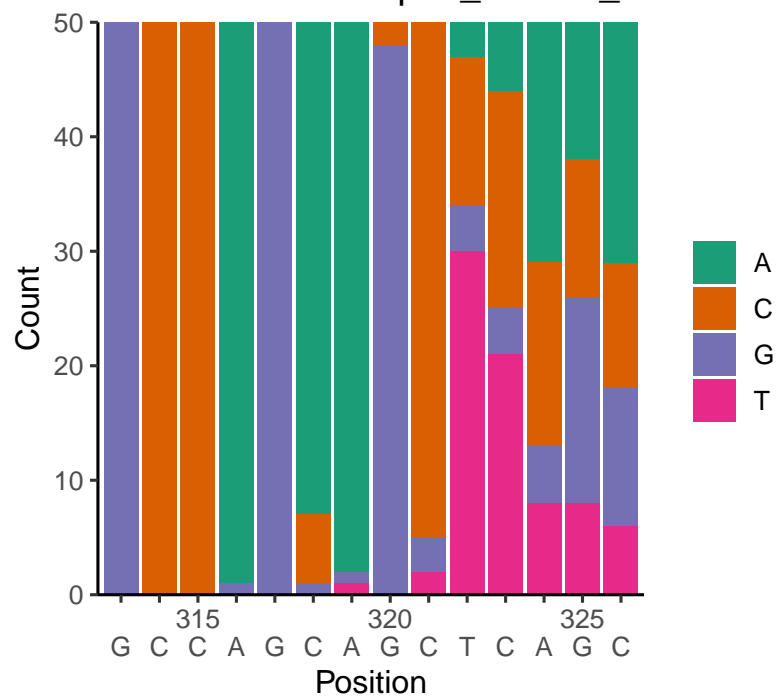


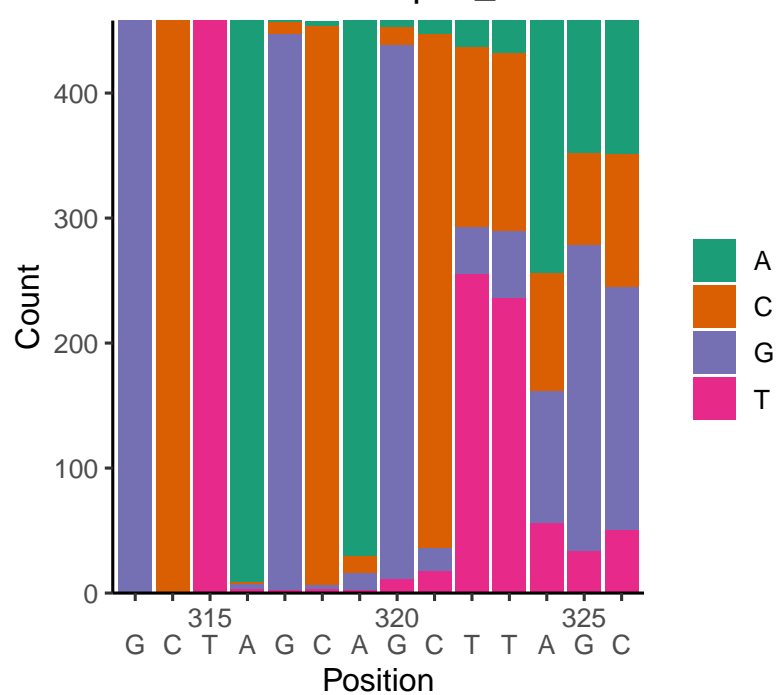
Gene TRBV7-1*ap01_G291C_T296C_C314T



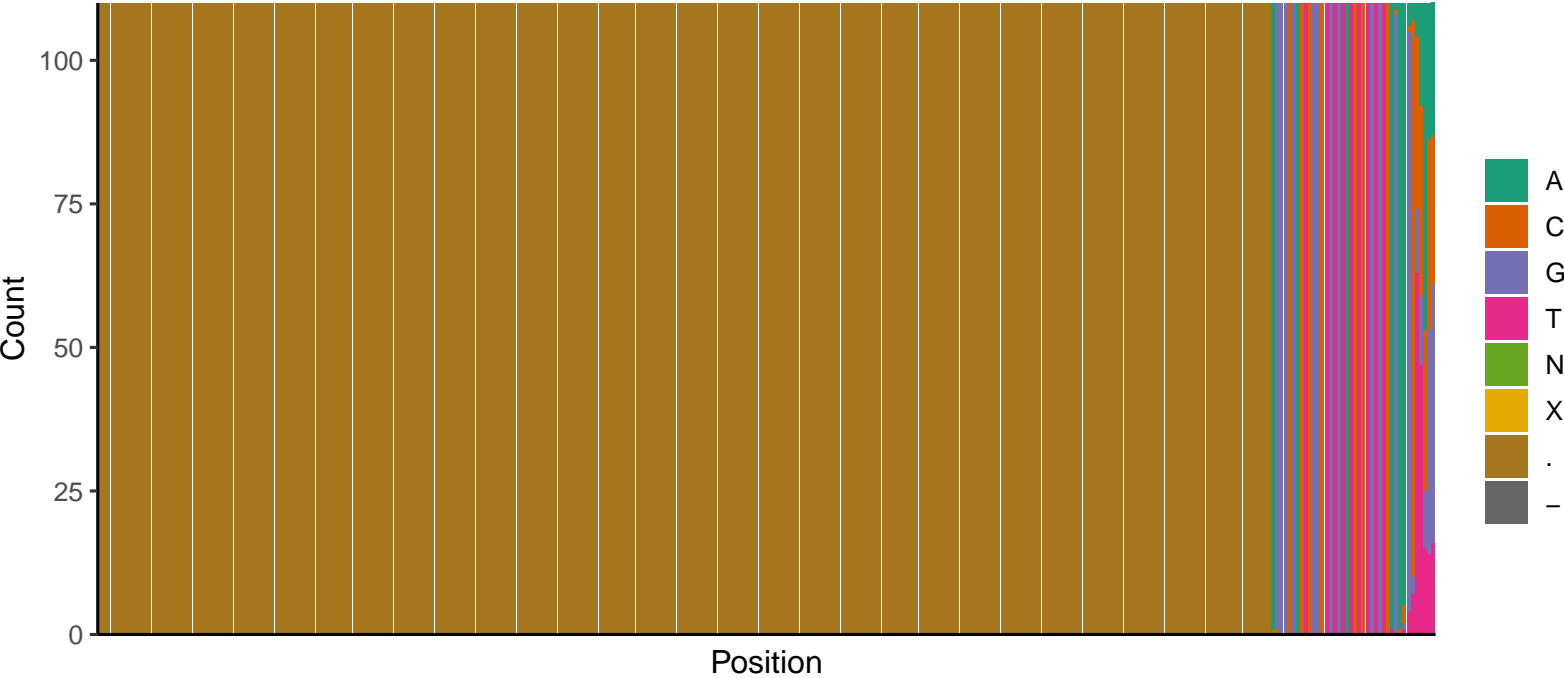
Gene TRBV7-1*ap01_G291C_T296C



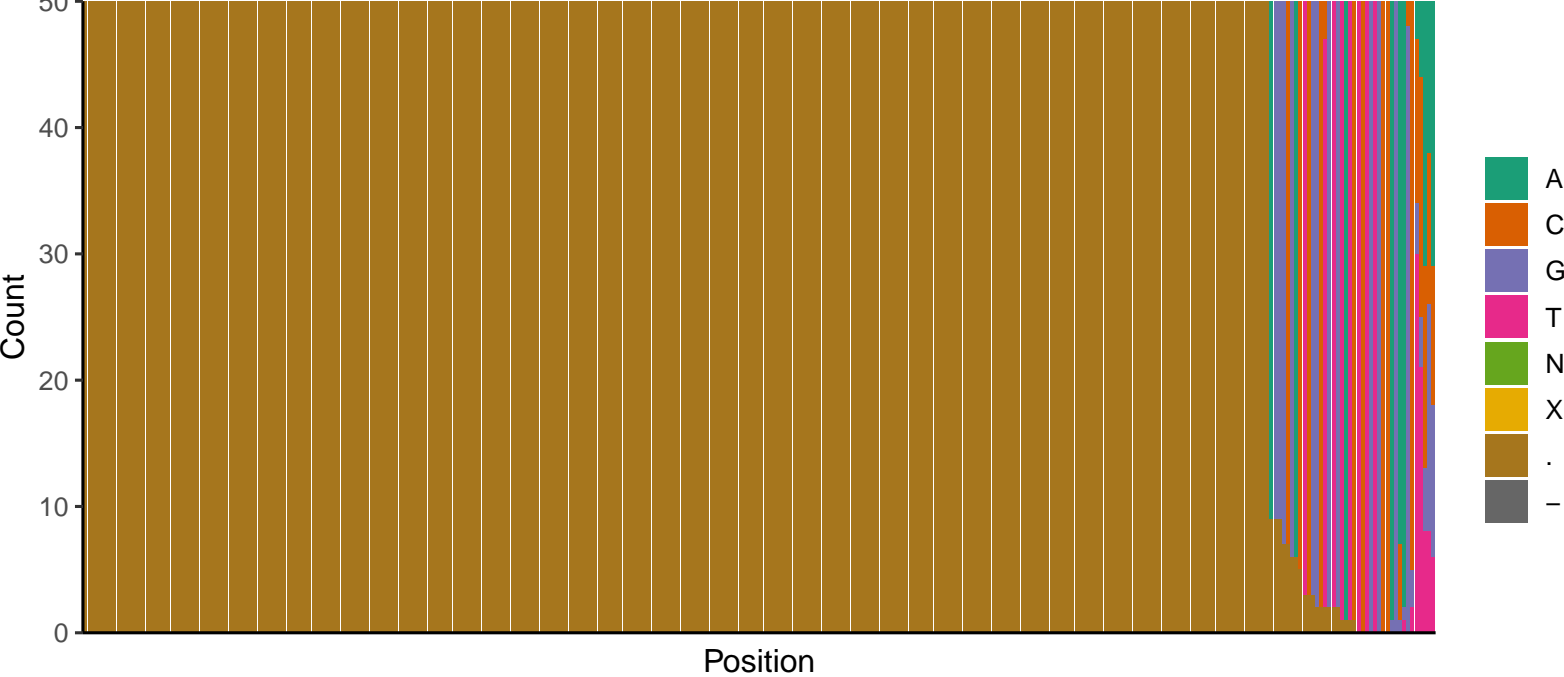
Gene TRBV7-7*ap01_C315T



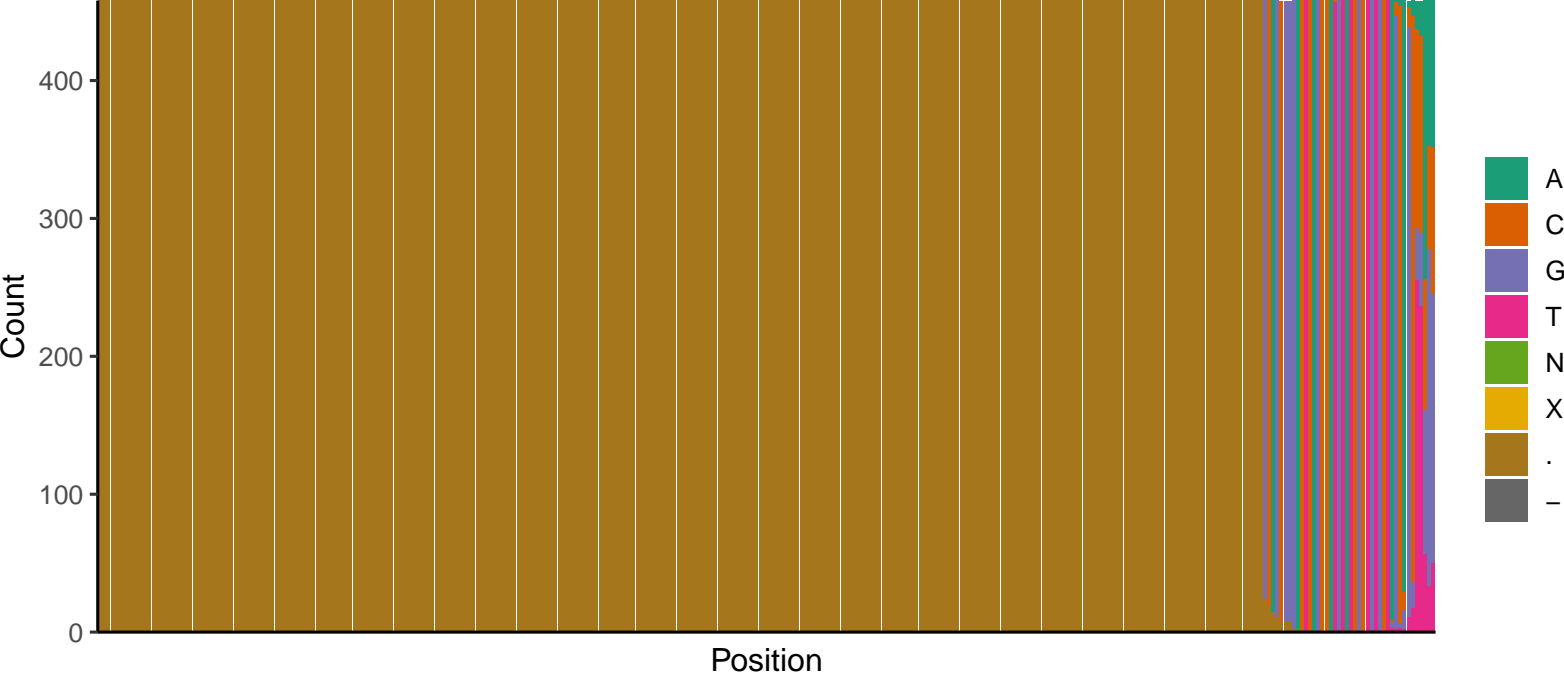
Gene TRBV7-1*ap01_G291C_T296C_C314T



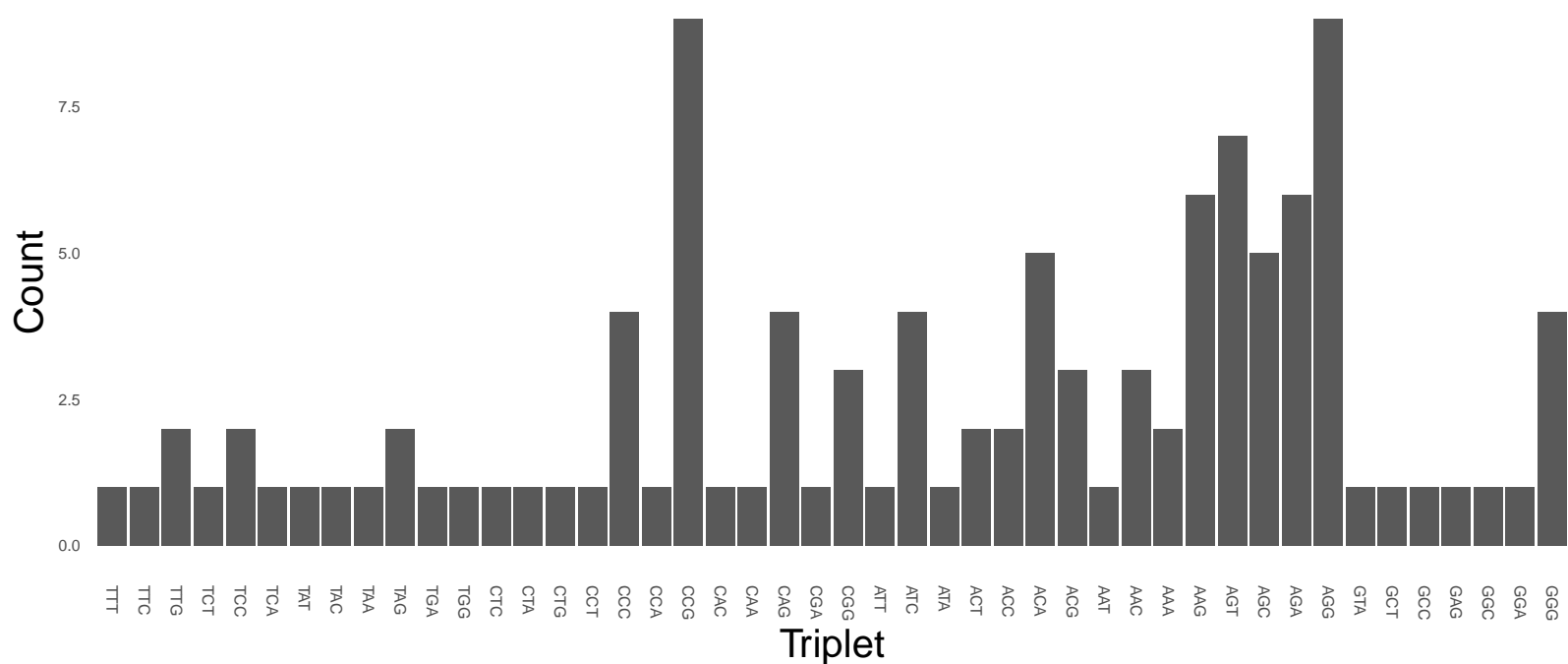
Gene TRBV7-1*ap01_G291C_T296C



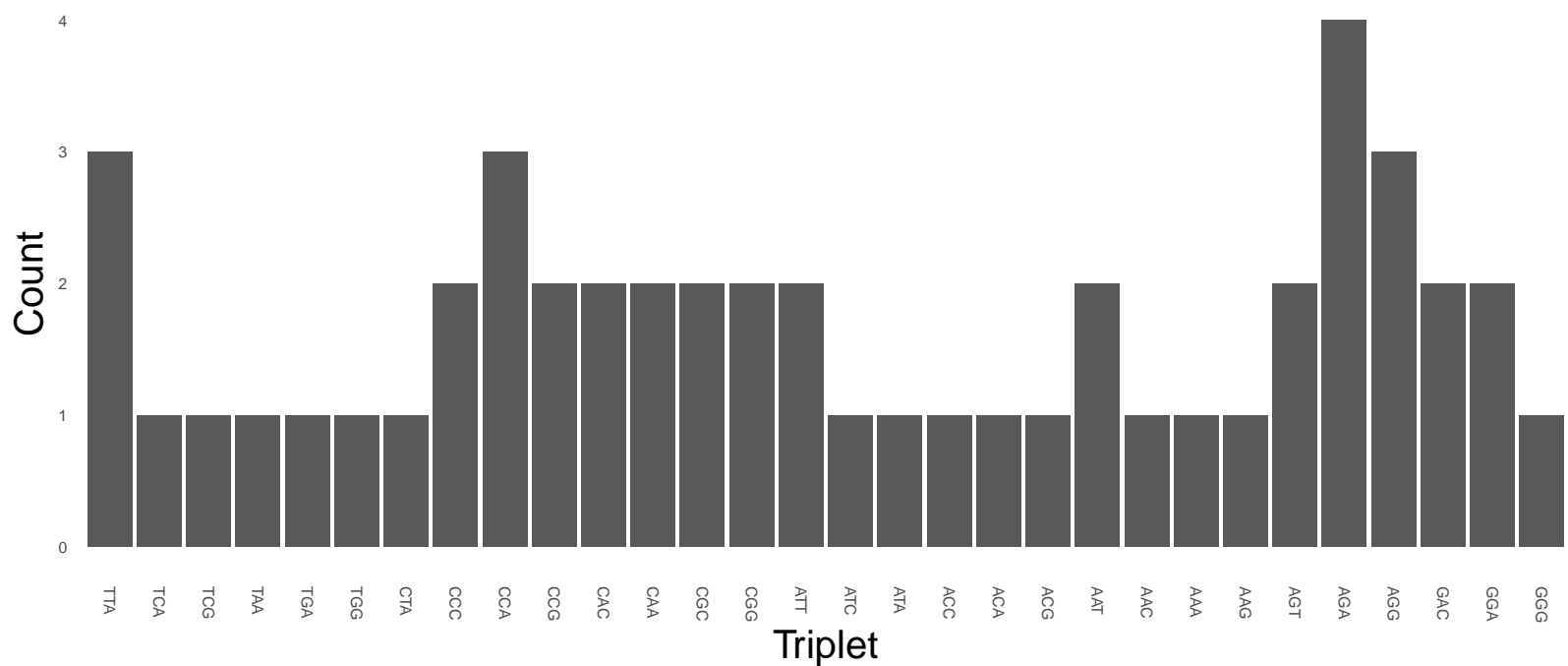
Gene TRBV7-7*ap01_C315T



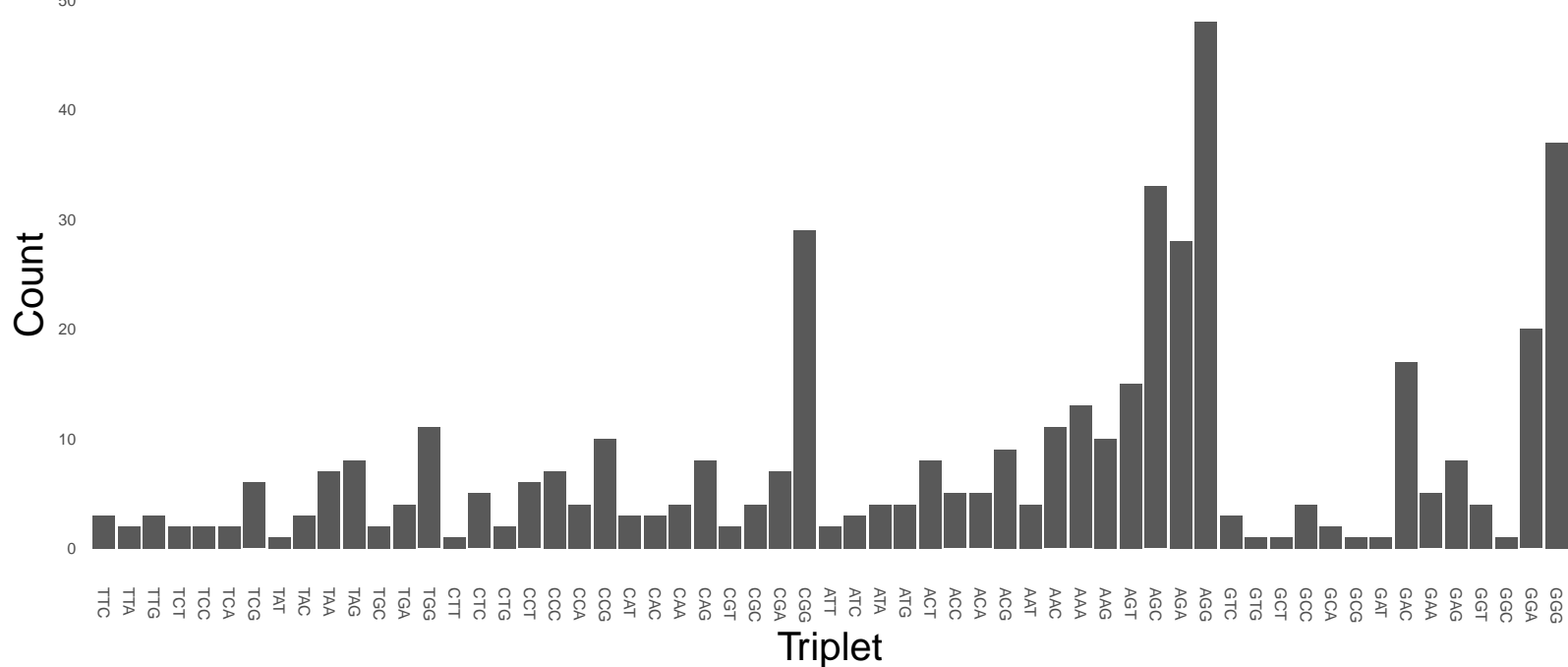
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

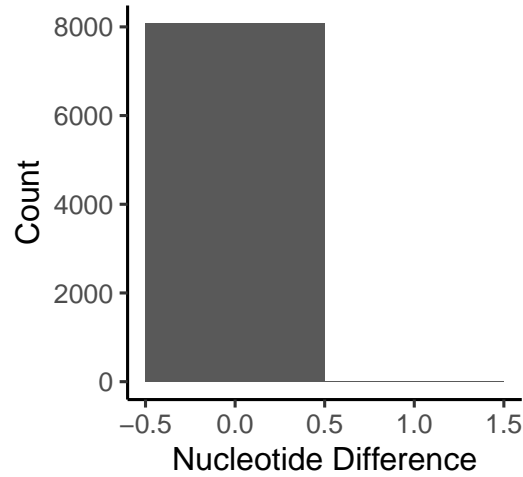


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



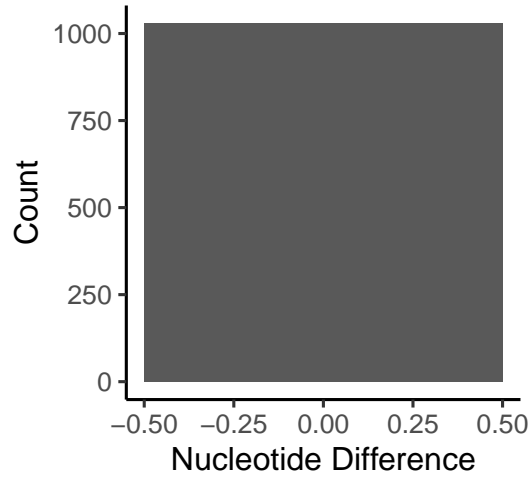
TRBV20-1*ap01

8099 sequences assigned
8078 (99.7%) exact matches, in which:
8069 unique CDR3
13 unique J



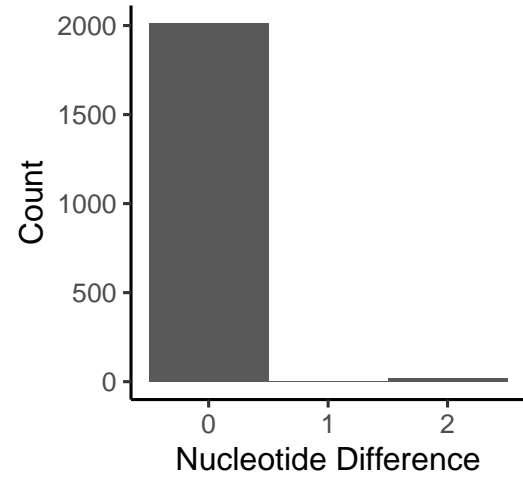
TRBV10-2*ap01

1029 sequences assigned
1029 (100%) exact matches, in which:
1028 unique CDR3
13 unique J



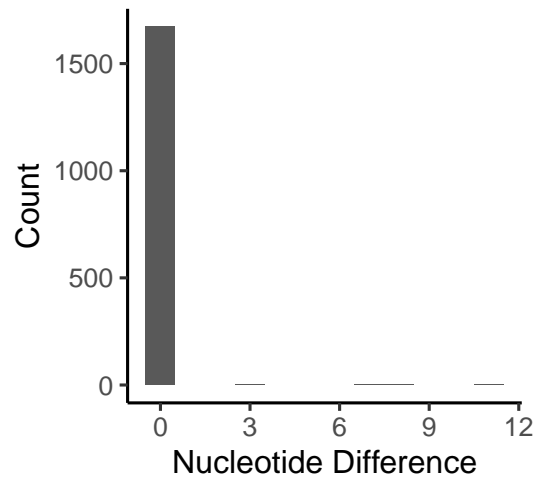
TRBV13*ap01

2037 sequences assigned
2012 (98.8%) exact matches, in which:
2009 unique CDR3
13 unique J



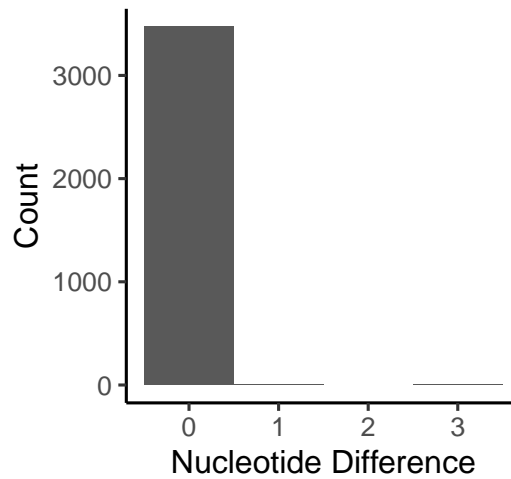
TRBV10-1*ap01

1676 sequences assigned
1672 (99.8%) exact matches, in which:
1670 unique CDR3
13 unique J



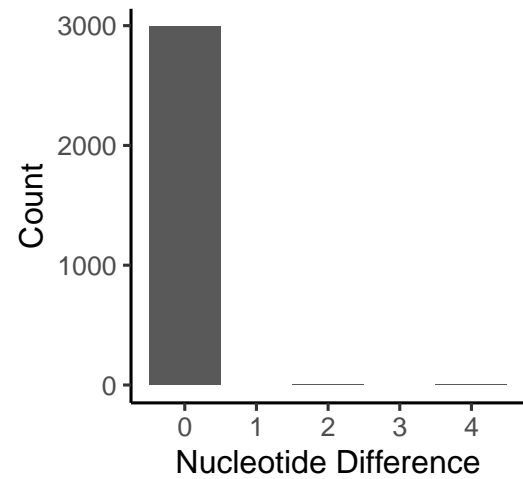
TRBV10-3*ap01

3477 sequences assigned
3472 (99.9%) exact matches, in which:
3469 unique CDR3
13 unique J



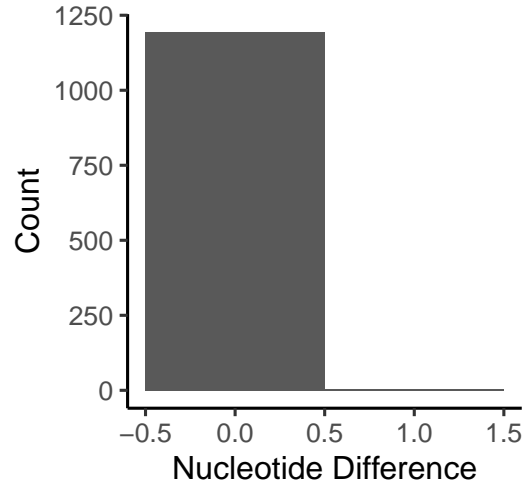
TRBV14*ap01

2994 sequences assigned
2991 (99.9%) exact matches, in which:
2989 unique CDR3
13 unique J



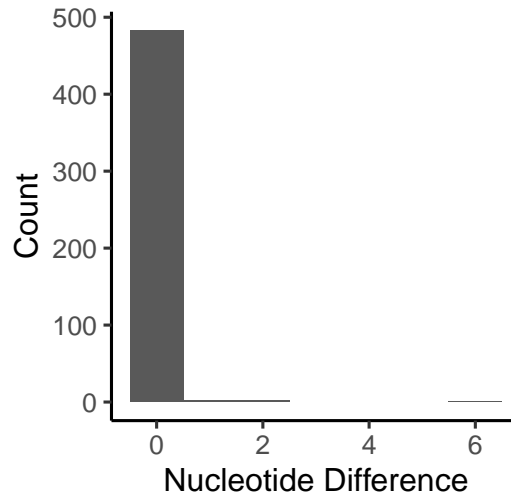
TRBV20-1*ap02

1198 sequences assigned
1194 (99.7%) exact matches, in which:
1193 unique CDR3
13 unique J



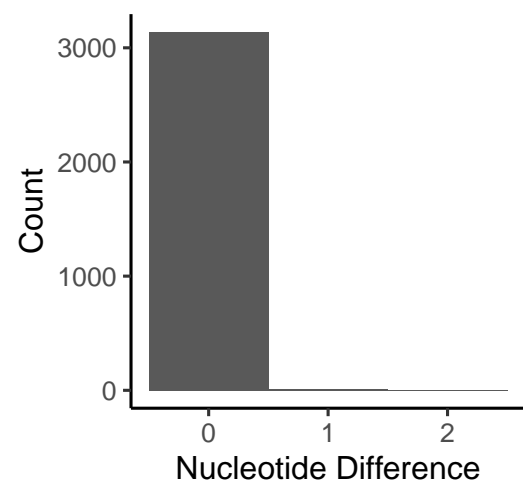
TRBV1*ap01

488 sequences assigned
483 (99%) exact matches, in which:
483 unique CDR3
13 unique J



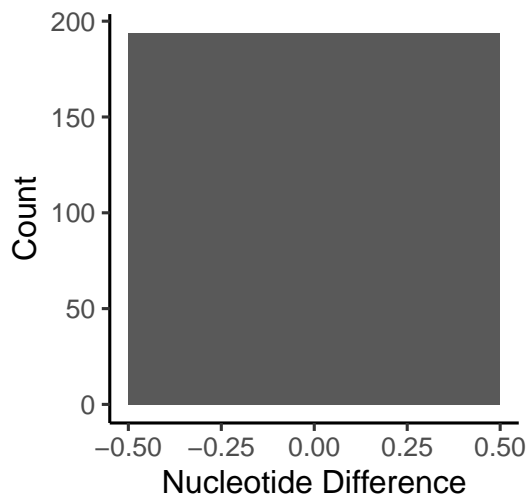
TRBV15*ap02

3149 sequences assigned
3138 (99.7%) exact matches, in which:
3135 unique CDR3
13 unique J



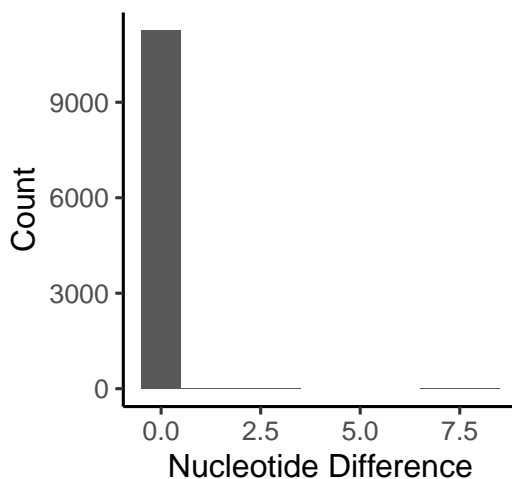
TRBV16*ap01

194 sequences assigned
194 (100%) exact matches, in which:
194 unique CDR3
12 unique J



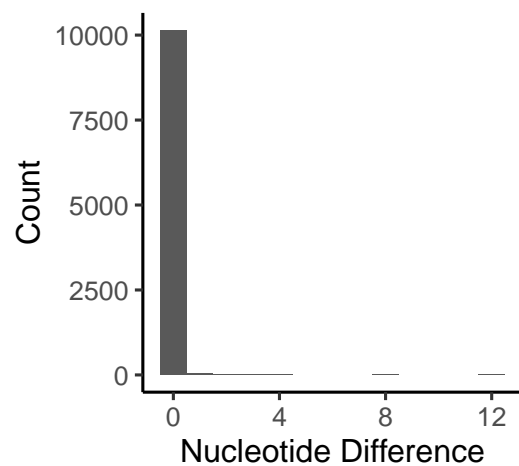
TRBV19*ap01

11279 sequences assigned
11258 (99.8%) exact matches, in which:
11255 unique CDR3
13 unique J



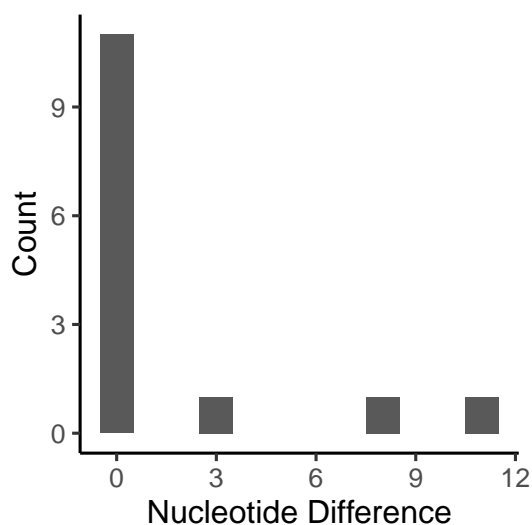
TRBV27*ap01

10190 sequences assigned
10145 (99.6%) exact matches, in which:
10119 unique CDR3
13 unique J



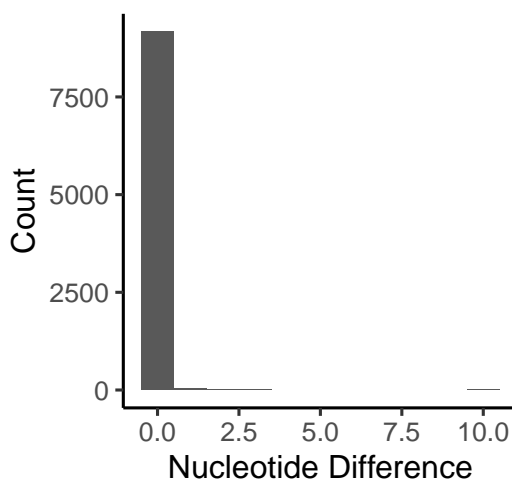
TRBV17*ap01

14 sequences assigned
11 (78.6%) exact matches, in which:
11 unique CDR3
9 unique J



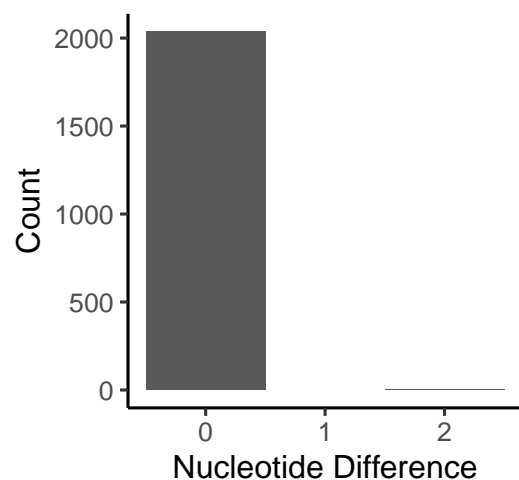
TRBV2*ap01

9207 sequences assigned
9169 (99.6%) exact matches, in which:
9152 unique CDR3
13 unique J



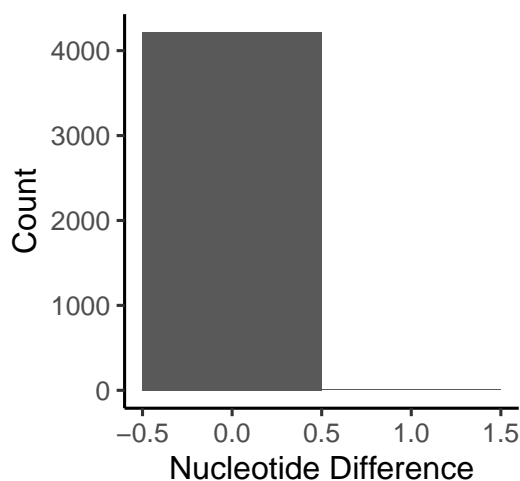
TRBV28*ap01

2037 sequences assigned
2036 (100%) exact matches, in which:
2036 unique CDR3
13 unique J



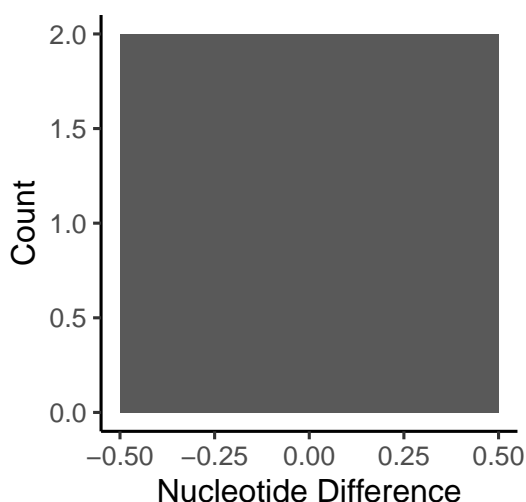
TRBV18*ap01

4227 sequences assigned
4219 (99.8%) exact matches, in which:
4218 unique CDR3
13 unique J



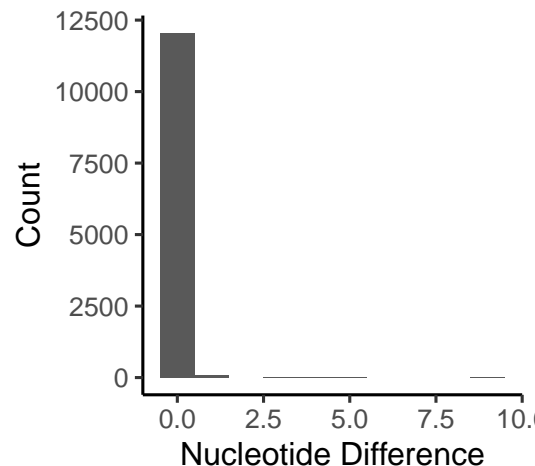
TRBV26*ap01

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



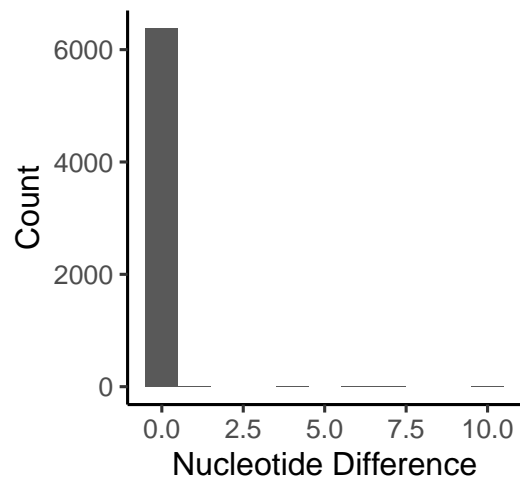
TRBV30*ap01

12140 sequences assigned
12056 (99.3%) exact matches, in which:
12038 unique CDR3
13 unique J



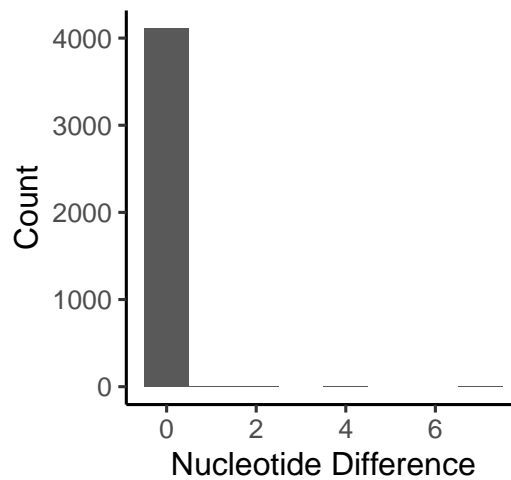
TRBV9*ap01

6388 sequences assigned
6378 (99.8%) exact matches, in which:
6371 unique CDR3
13 unique J



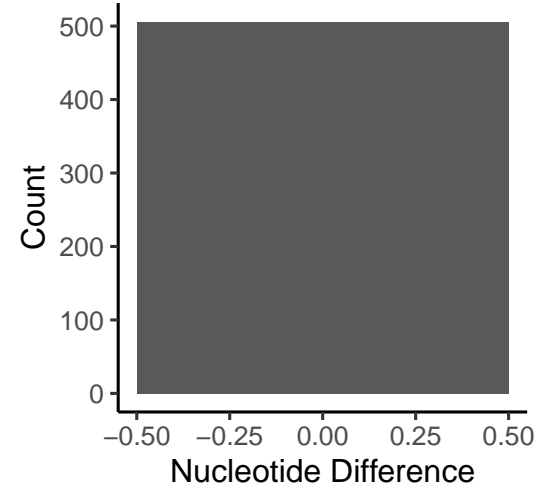
TRBV11-2*ap01

4118 sequences assigned
4111 (99.8%) exact matches, in which:
4110 unique CDR3
13 unique J



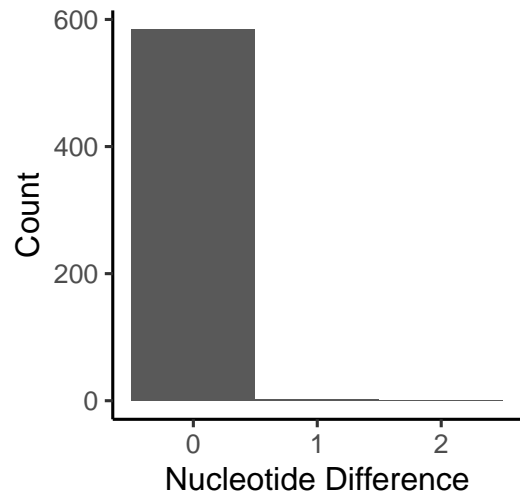
TRBV12-2*ap01

506 sequences assigned
506 (100%) exact matches, in which:
505 unique CDR3
13 unique J



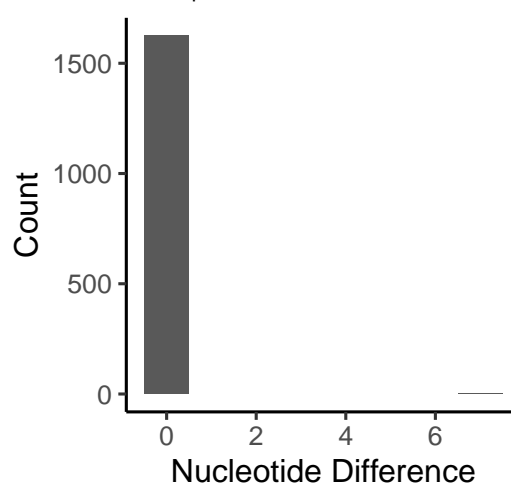
TRBV11-1*ap01

588 sequences assigned
585 (99.5%) exact matches, in which:
585 unique CDR3
13 unique J



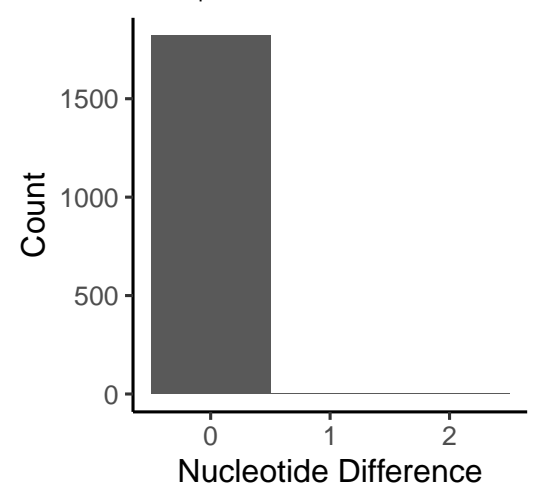
TRBV11-3*ap01

1626 sequences assigned
1625 (99.9%) exact matches, in which:
1625 unique CDR3
13 unique J



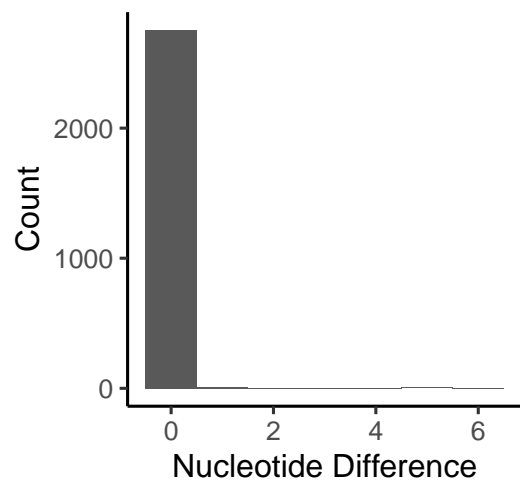
TRBV12-5*ap01

1824 sequences assigned
1820 (99.8%) exact matches, in which:
1819 unique CDR3
13 unique J



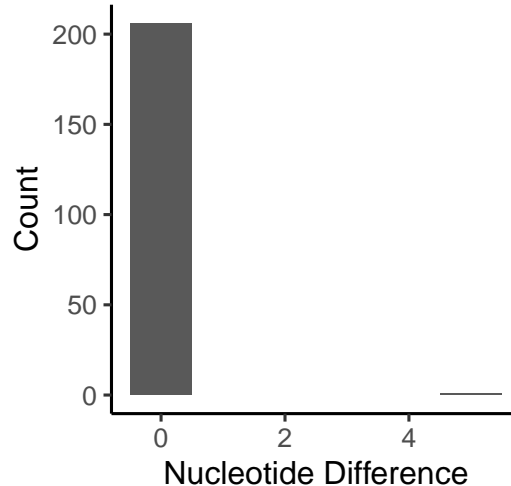
TRBV21-1*ap01

2774 sequences assigned
2754 (99.3%) exact matches, in which:
2753 unique CDR3
13 unique J



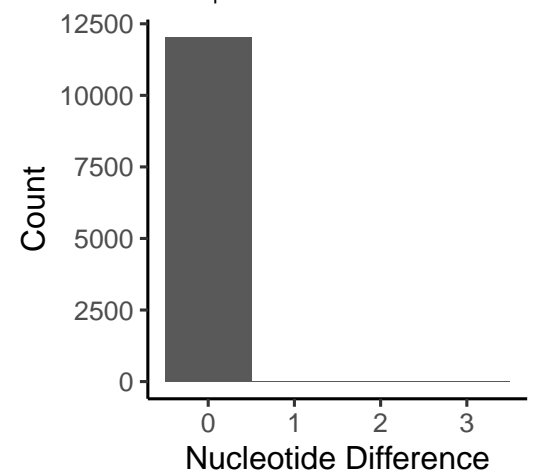
TRBV12-1*ap01

207 sequences assigned
206 (99.5%) exact matches, in which:
205 unique CDR3
13 unique J



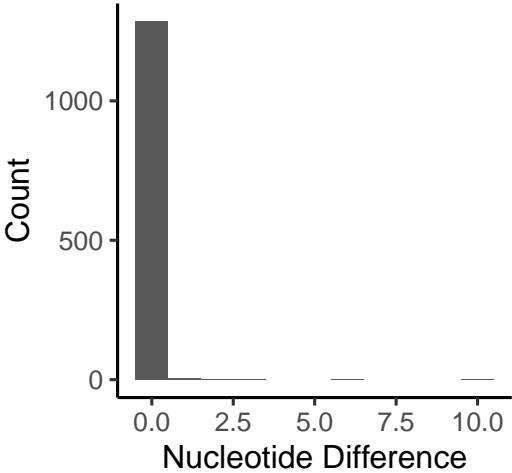
TRBV12-34*ap01

12067 sequences assigned
12046 (99.8%) exact matches, in which:
12044 unique CDR3
13 unique J



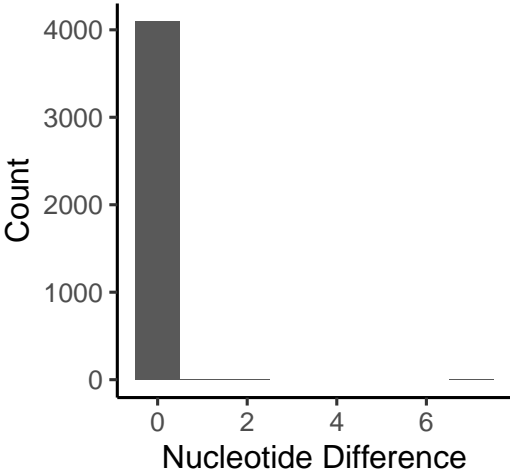
TRBV23-1*ap01

1295 sequences assigned
1285 (99.2%) exact matches, in which:
1285 unique CDR3
13 unique J



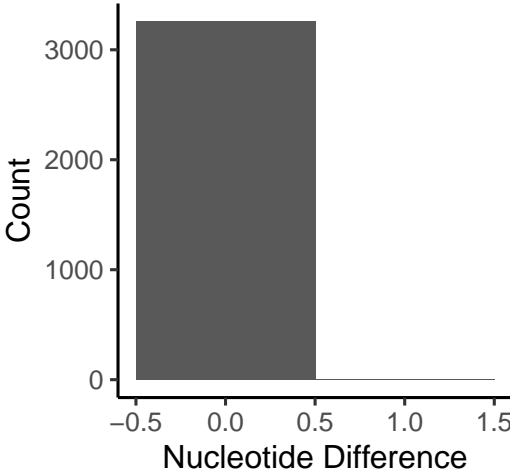
TRBV4-1*ap01

4102 sequences assigned
4096 (99.9%) exact matches, in which:
4094 unique CDR3
13 unique J



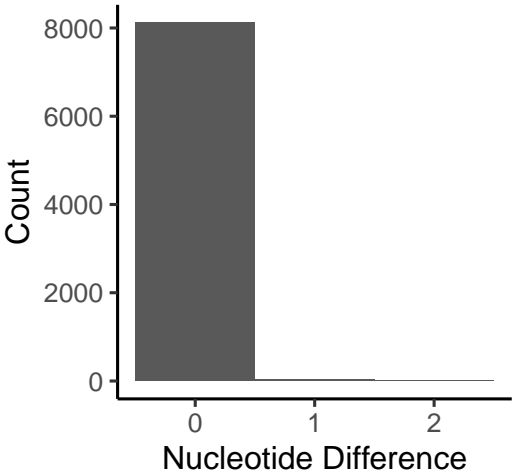
TRBV25-1*ap01

3266 sequences assigned
3258 (99.8%) exact matches, in which:
3252 unique CDR3
13 unique J



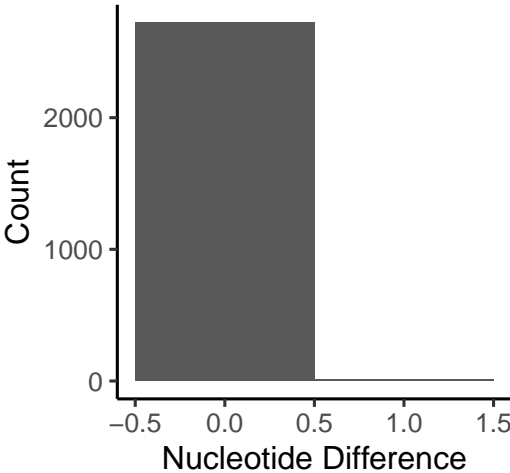
TRBV3-12*ap01

8156 sequences assigned
8119 (99.5%) exact matches, in which:
8101 unique CDR3
13 unique J



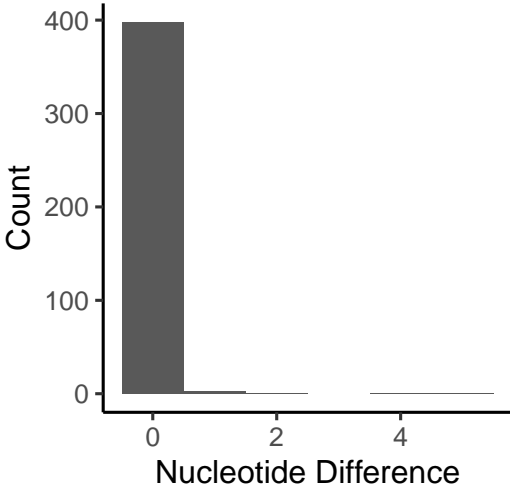
TRBV4-2*ap01

2736 sequences assigned
2721 (99.5%) exact matches, in which:
2718 unique CDR3
13 unique J



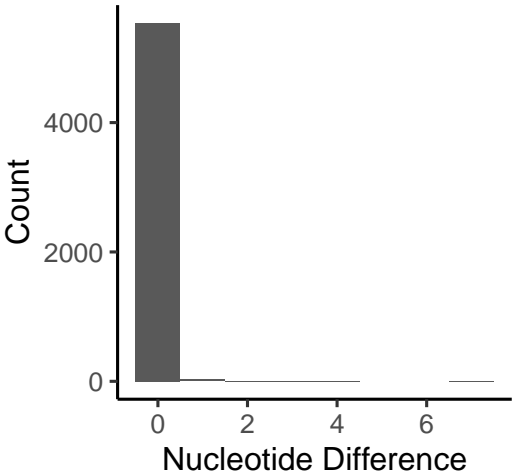
TRBV5-3*ap01

404 sequences assigned
398 (98.5%) exact matches, in which:
398 unique CDR3
13 unique J



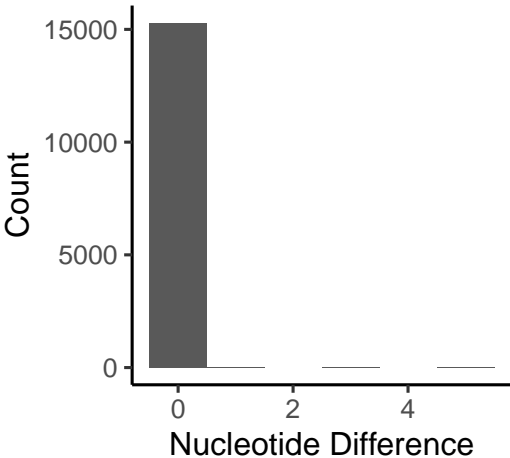
TRBV24-1*ap01

5578 sequences assigned
5539 (99.3%) exact matches, in which:
5525 unique CDR3
13 unique J



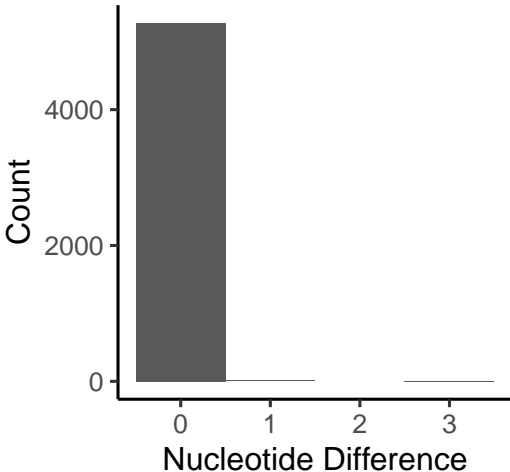
TRBV5-1*ap01

15318 sequences assigned
15293 (99.8%) exact matches, in which:
15240 unique CDR3
13 unique J



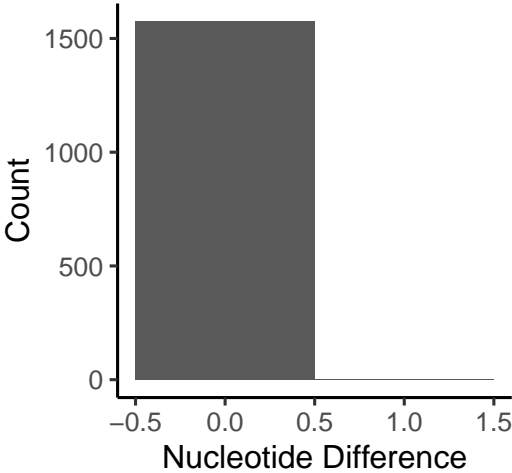
TRBV5-4*ap01

5286 sequences assigned
5275 (99.8%) exact matches, in which:
5275 unique CDR3
13 unique J



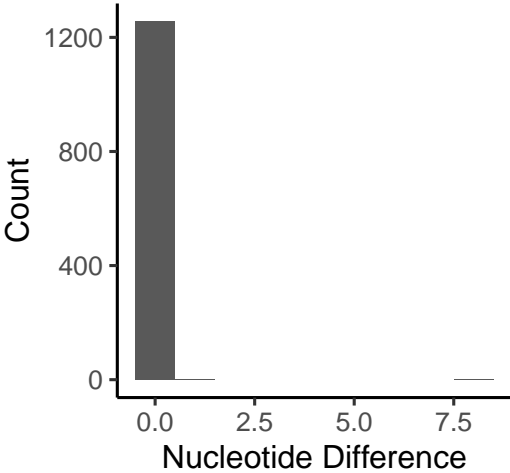
TRBV5-5*ap01

1577 sequences assigned
1575 (99.9%) exact matches, in which:
1572 unique CDR3
13 unique J



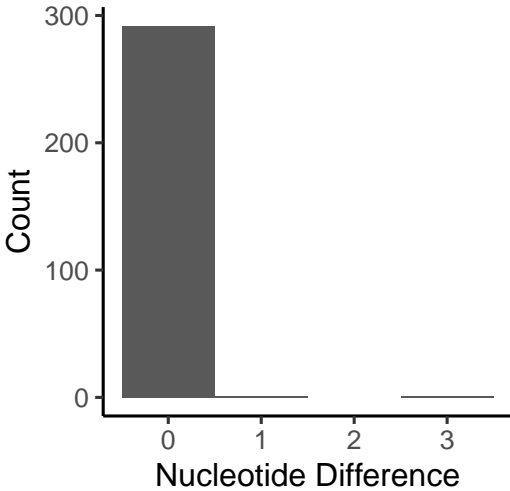
TRBV5-8*ap01

1260 sequences assigned
1256 (99.7%) exact matches, in which:
1256 unique CDR3
13 unique J



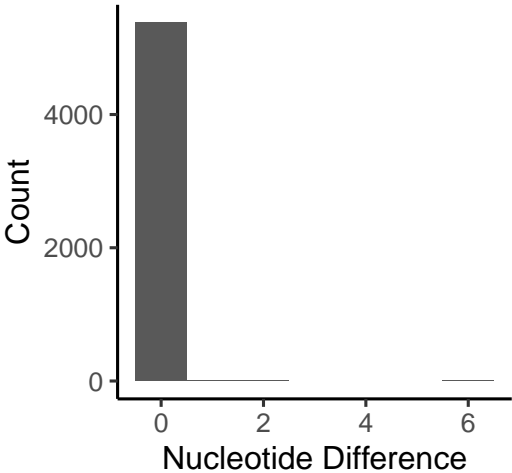
TRBV6-7*ap01

294 sequences assigned
292 (99.3%) exact matches, in which:
292 unique CDR3
13 unique J



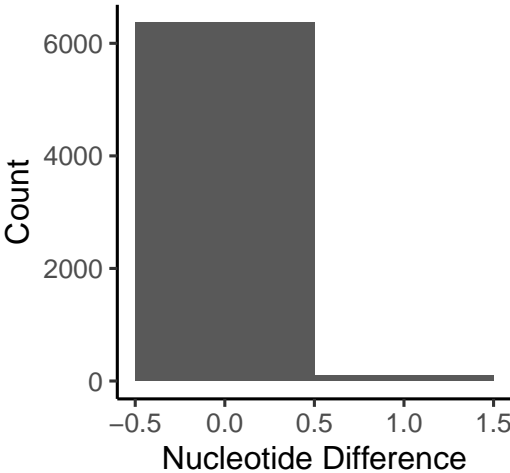
TRBV5-6*ap01

5393 sequences assigned
5378 (99.7%) exact matches, in which:
5357 unique CDR3
13 unique J



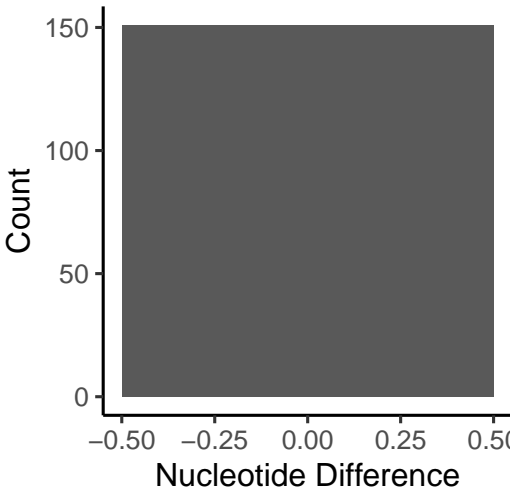
TRBV6-1*ap01

6457 sequences assigned
6366 (98.6%) exact matches, in which:
6359 unique CDR3
13 unique J



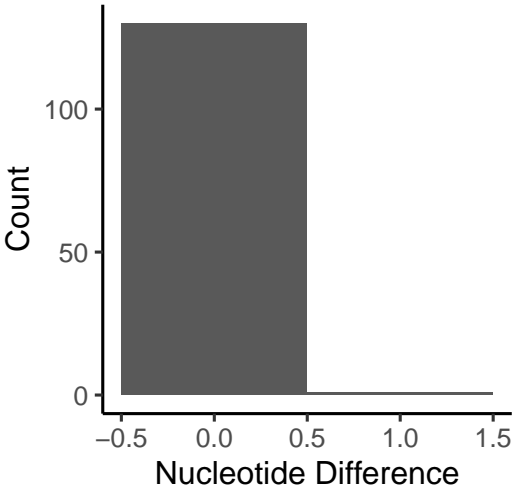
TRBV6-8*ap01

151 sequences assigned
151 (100%) exact matches, in which:
151 unique CDR3
13 unique J



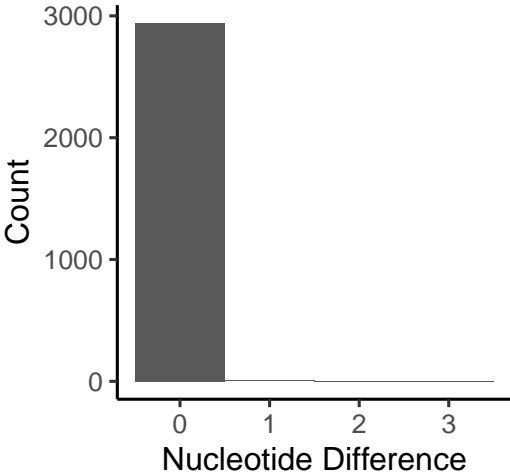
TRBV5-7*ap01

131 sequences assigned
130 (99.2%) exact matches, in which:
129 unique CDR3
13 unique J



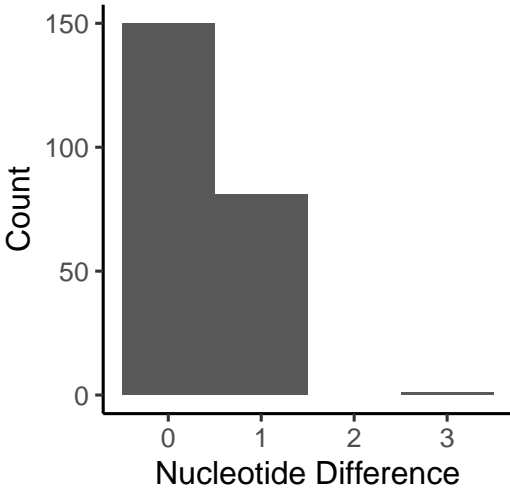
TRBV6-4*ap01

2950 sequences assigned
2941 (99.7%) exact matches, in which:
2939 unique CDR3
13 unique J



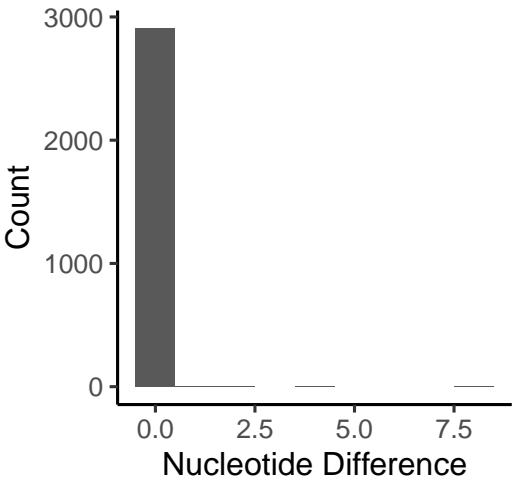
TRBV6-9*ap01

232 sequences assigned
150 (64.7%) exact matches, in which:
149 unique CDR3
13 unique J



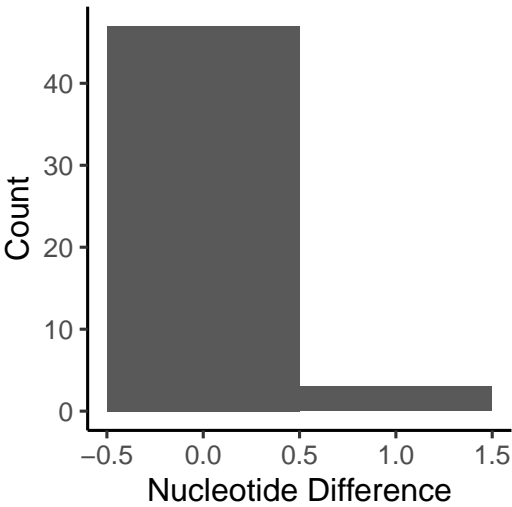
TRBV6-23*ap01

2917 sequences assigned
2907 (99.7%) exact matches, in which:
2902 unique CDR3
13 unique J



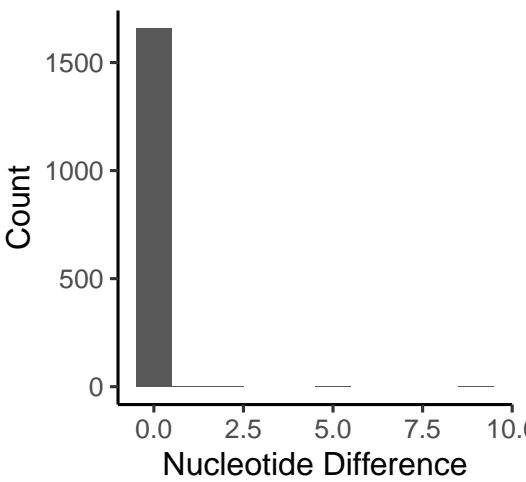
TRBV7-1*ap01_G291C_T

50 sequences assigned
47 (94%) exact matches, in which:
47 unique CDR3
12 unique J



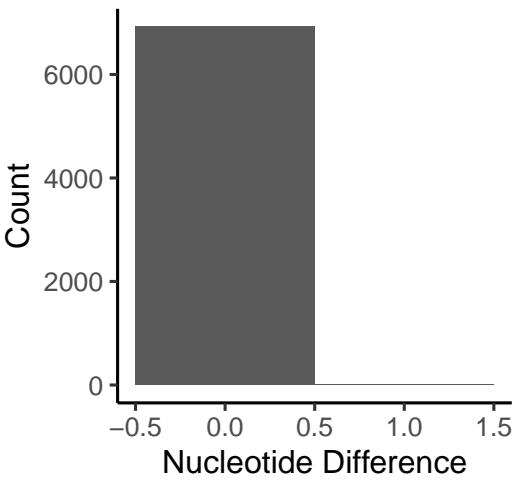
TRBV7-3*ap03

1662 sequences assigned
1658 (99.8%) exact matches, in which:
1655 unique CDR3
13 unique J



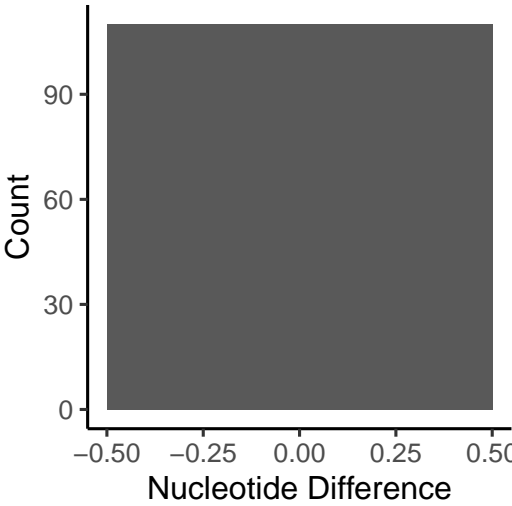
TRBV6-56*ap01

6937 sequences assigned
6923 (99.8%) exact matches, in which:
6907 unique CDR3
13 unique J



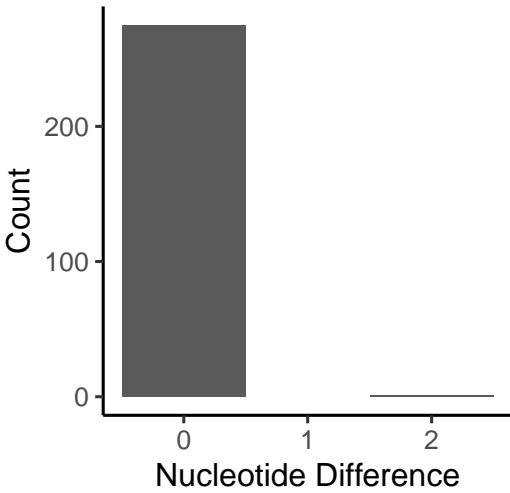
TRBV7-1*ap01_G291C_T

110 sequences assigned
110 (100%) exact matches, in which:
110 unique CDR3
12 unique J



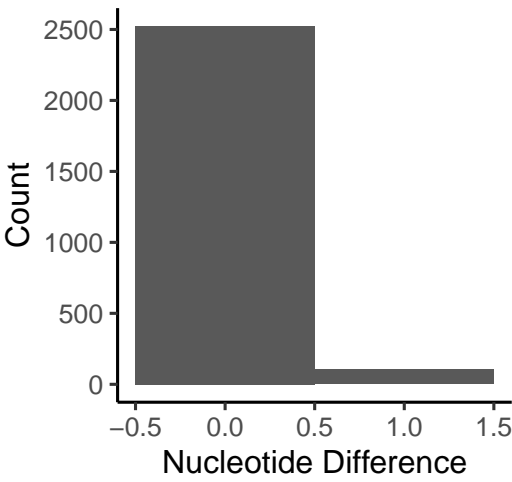
TRBV7-4*ap01

276 sequences assigned
275 (99.6%) exact matches, in which:
275 unique CDR3
13 unique J



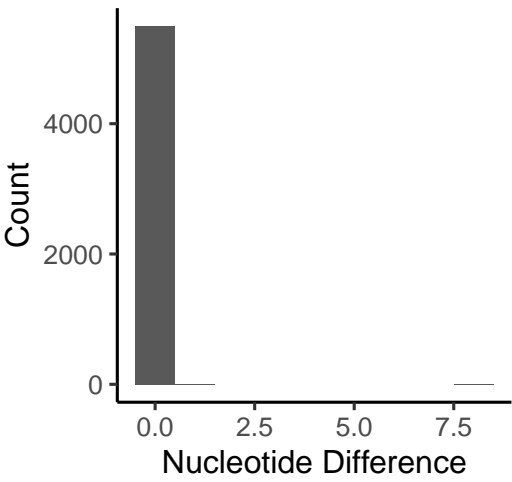
TRBV6-56*ap02

2628 sequences assigned
2524 (96%) exact matches, in which:
2523 unique CDR3
13 unique J



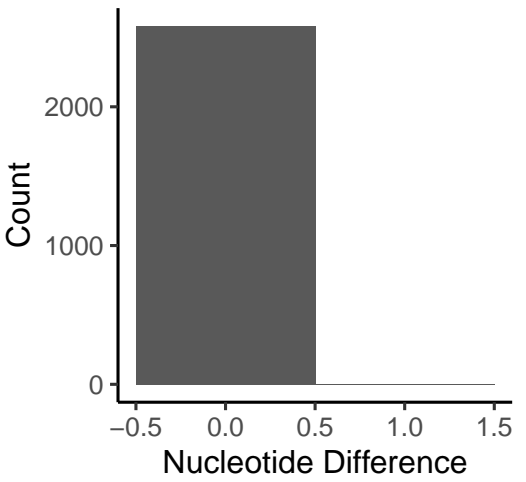
TRBV7-2*ap01

5507 sequences assigned
5499 (99.9%) exact matches, in which:
5499 unique CDR3
13 unique J



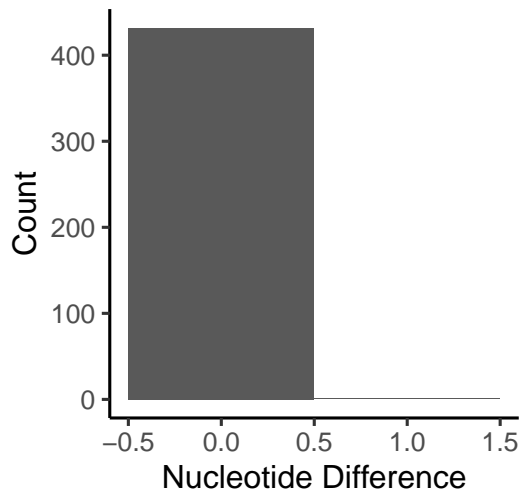
TRBV7-6*ap01

2585 sequences assigned
2582 (99.9%) exact matches, in which:
2580 unique CDR3
13 unique J



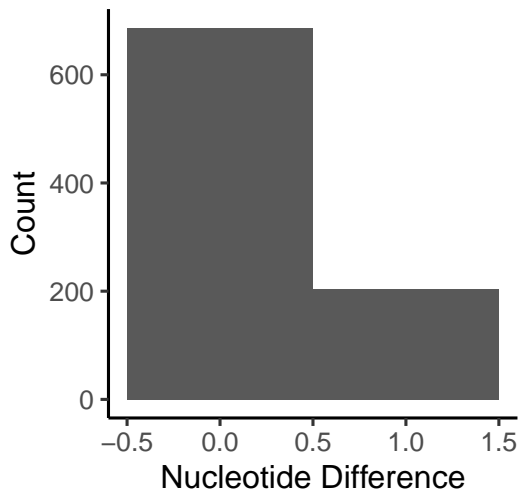
TRBV7-7*ap01

433 sequences assigned
432 (99.8%) exact matches, in which:
432 unique CDR3
12 unique J



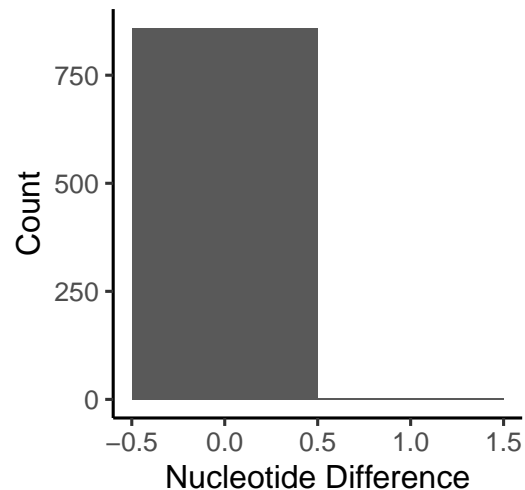
TRBV7-8*ap03

891 sequences assigned
687 (77.1%) exact matches, in which:
687 unique CDR3
13 unique J



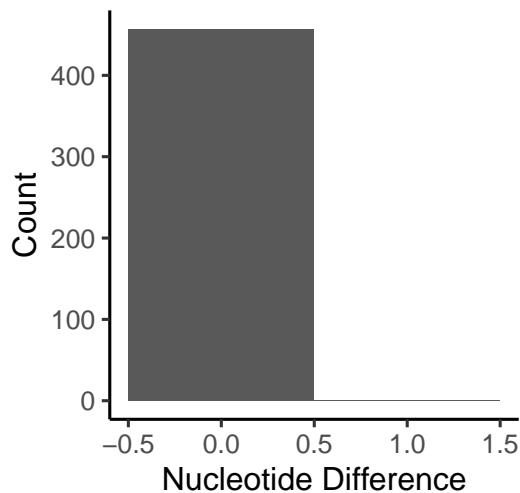
TRBV29-1*ap02

864 sequences assigned
860 (99.5%) exact matches, in which:
860 unique CDR3
13 unique J



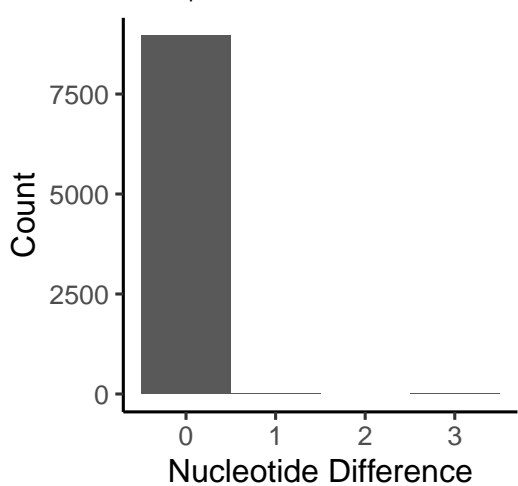
TRBV7-7*ap01_C315T

458 sequences assigned
457 (99.8%) exact matches, in which:
456 unique CDR3
13 unique J



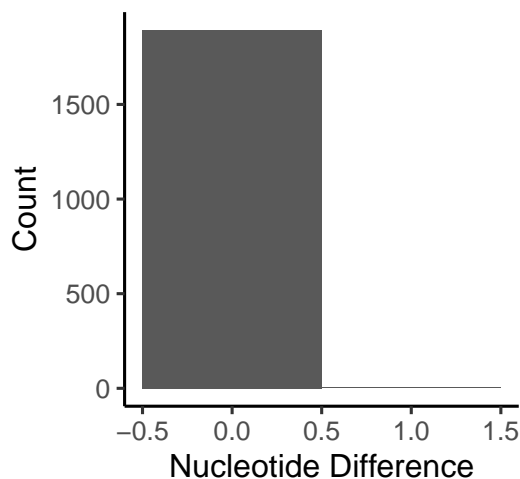
TRBV7-9*ap01

8966 sequences assigned
8958 (99.9%) exact matches, in which:
8954 unique CDR3
13 unique J



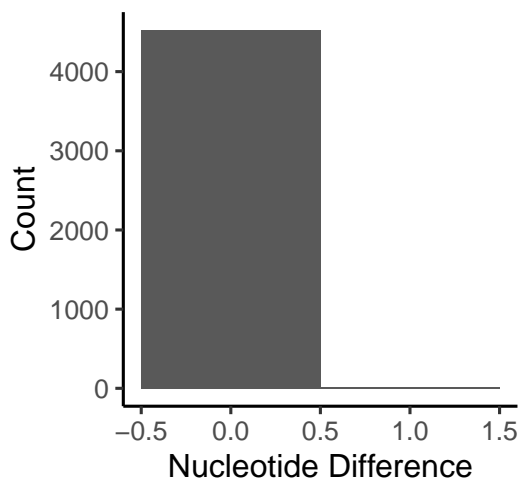
TRBV7-8*ap01

1897 sequences assigned
1893 (99.8%) exact matches, in which:
1892 unique CDR3
13 unique J

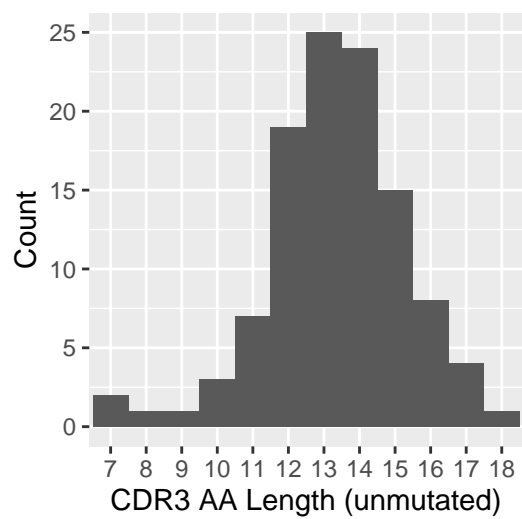


TRBV29-1*ap01

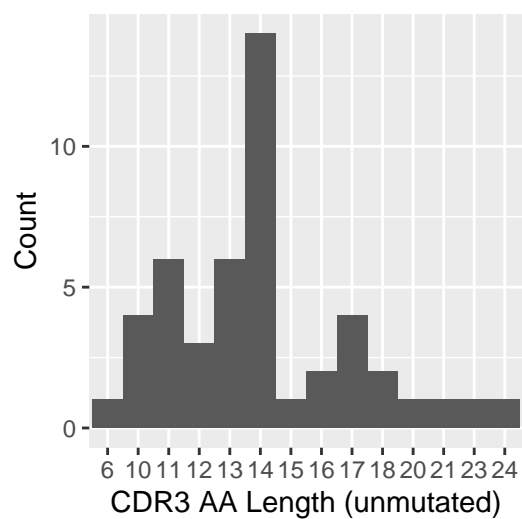
4540 sequences assigned
4525 (99.7%) exact matches, in which:
4516 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T

