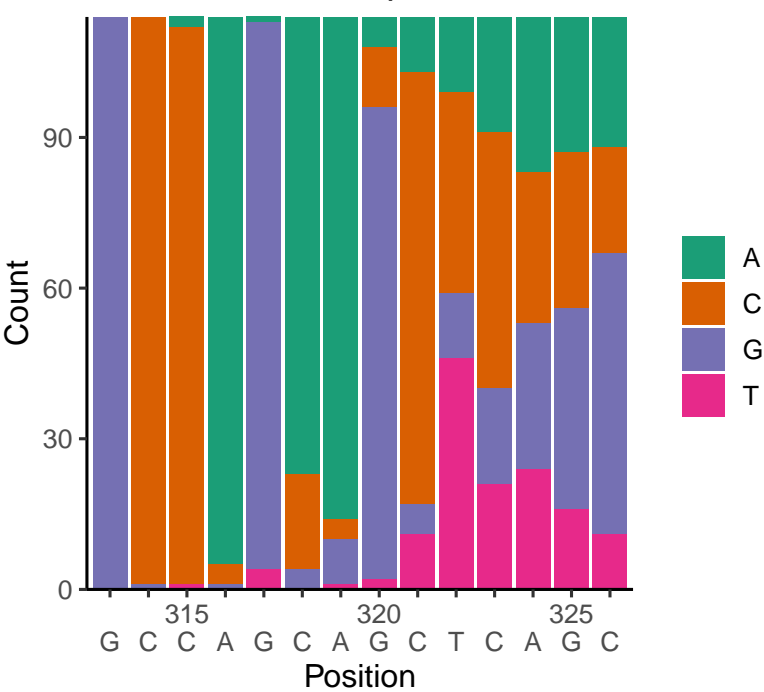
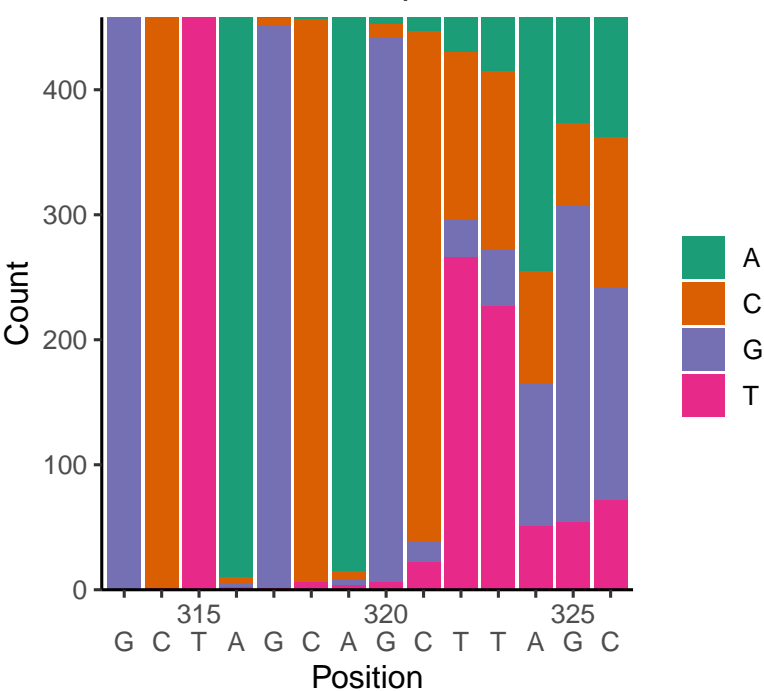


Gene TRBV7-1*ap01_T296C



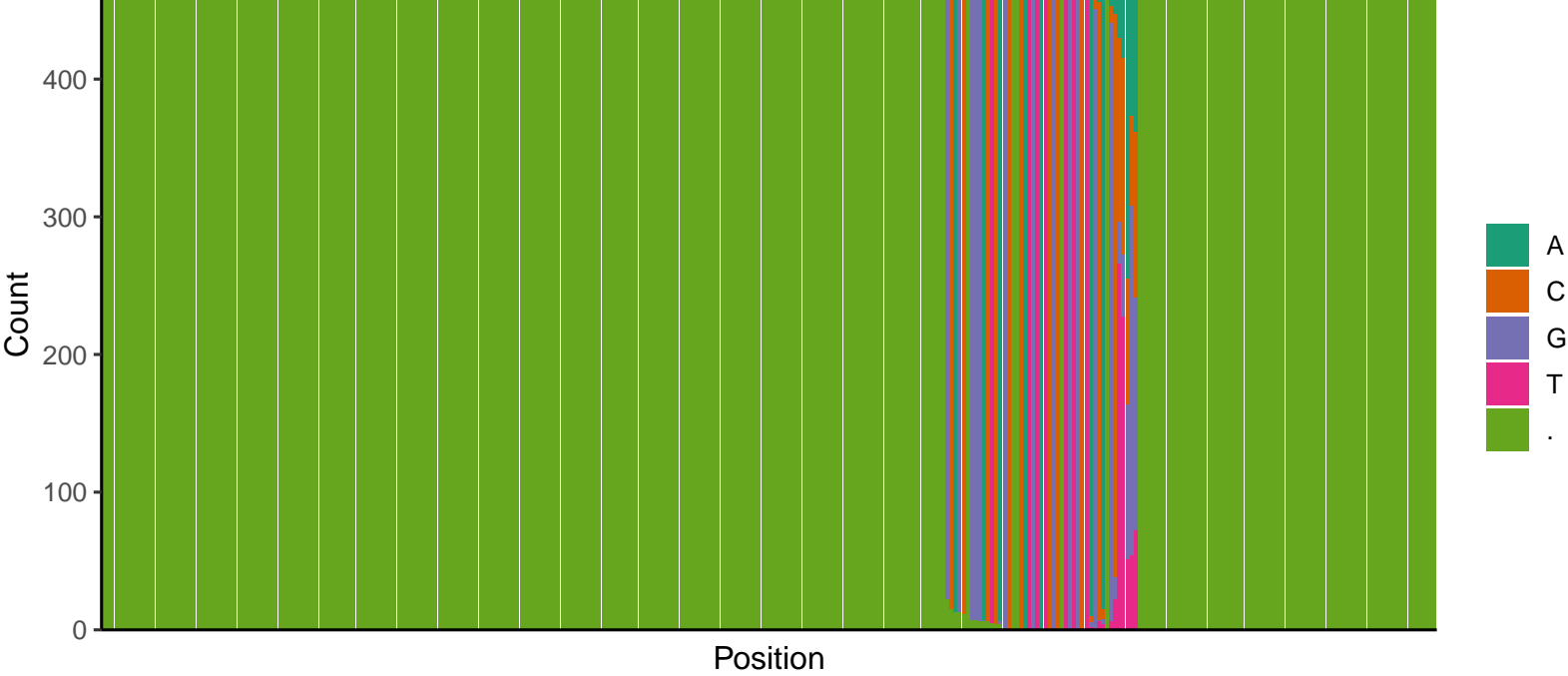
Gene TRBV7-7*ap01_C315T



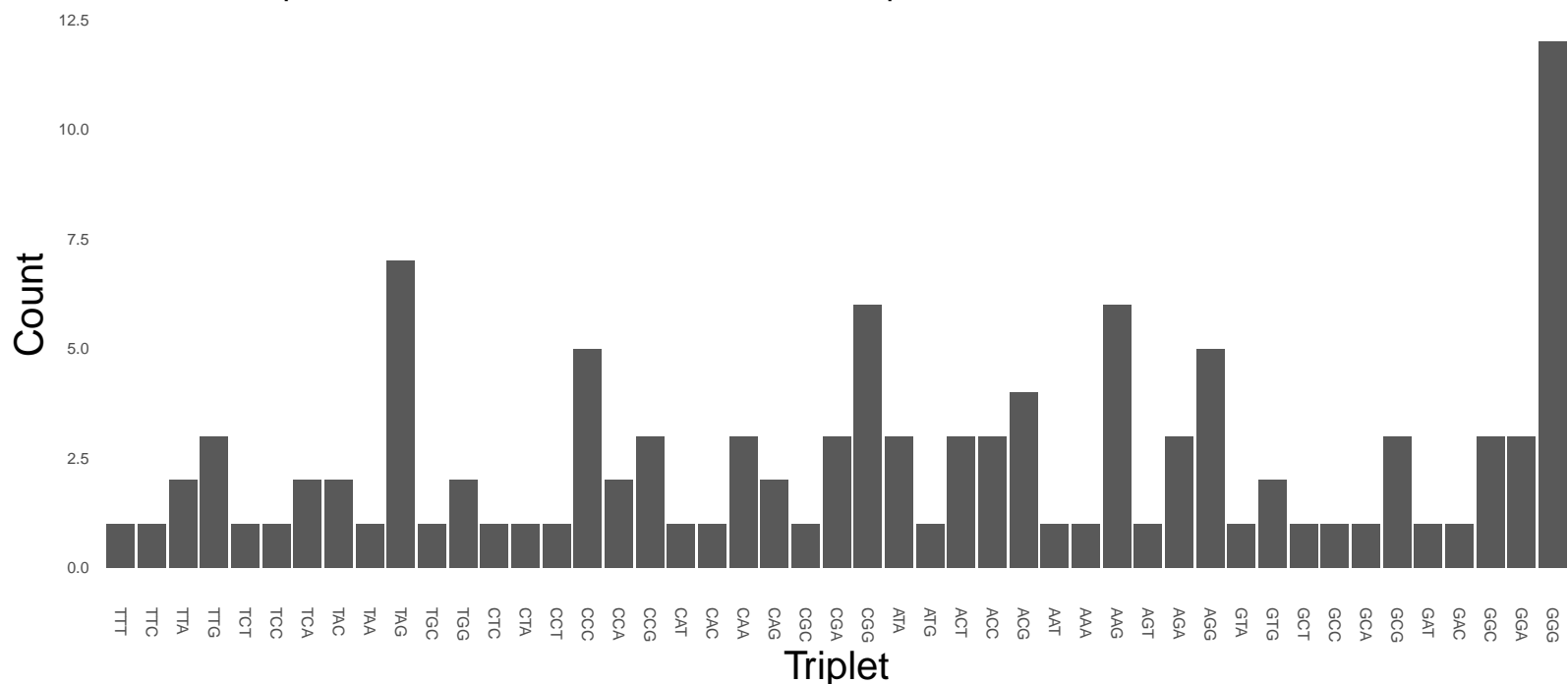
Gene TRBV7-1*ap01_T296C



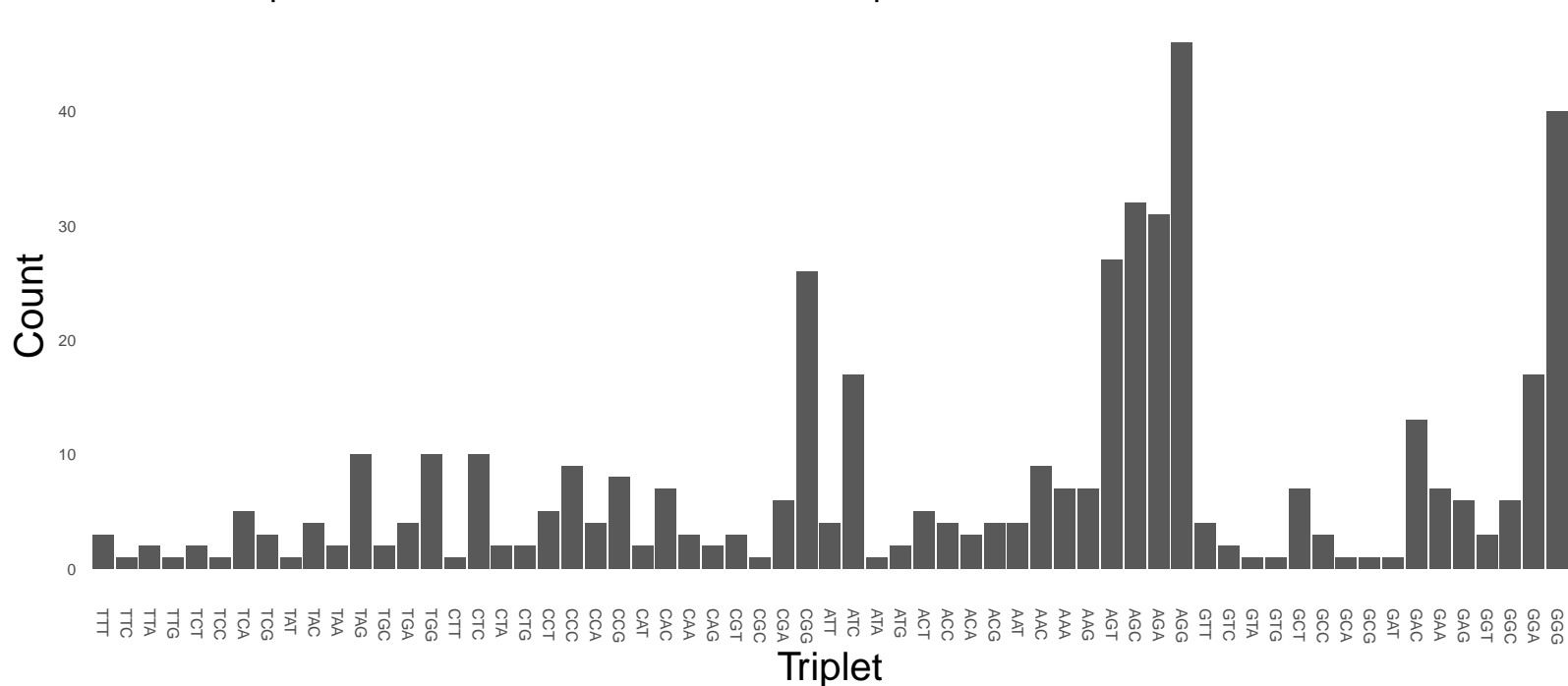
Gene TRBV7-7*ap01_C315T



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

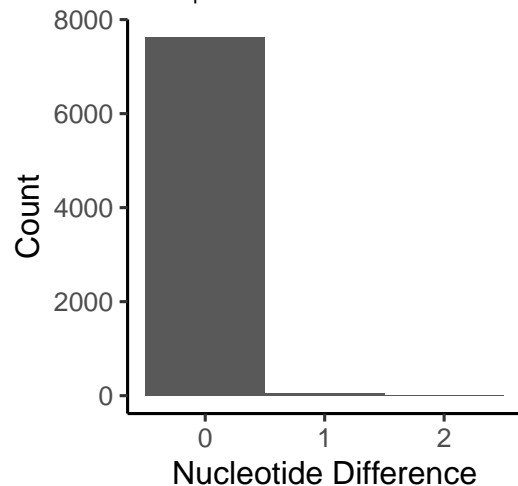


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



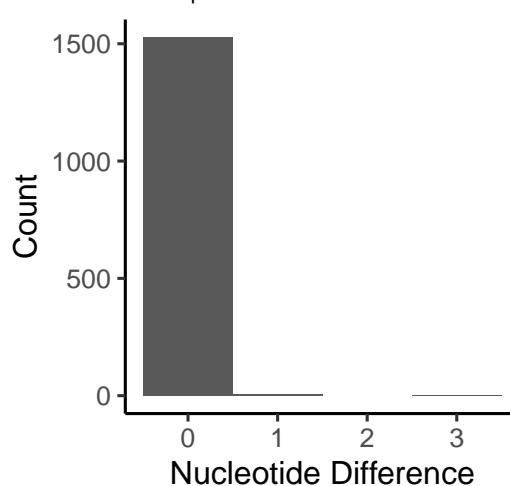
TRBV20-1*ap01

7667 sequences assigned
7621 (99.4%) exact matches, in which:
7508 unique CDR3
13 unique J



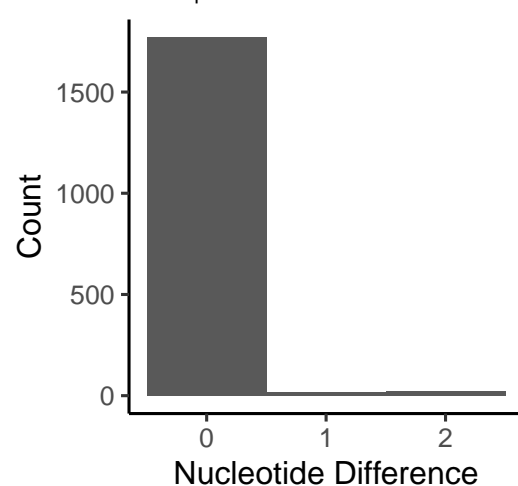
TRBV10-2*ap01

1535 sequences assigned
1527 (99.5%) exact matches, in which:
1495 unique CDR3
13 unique J



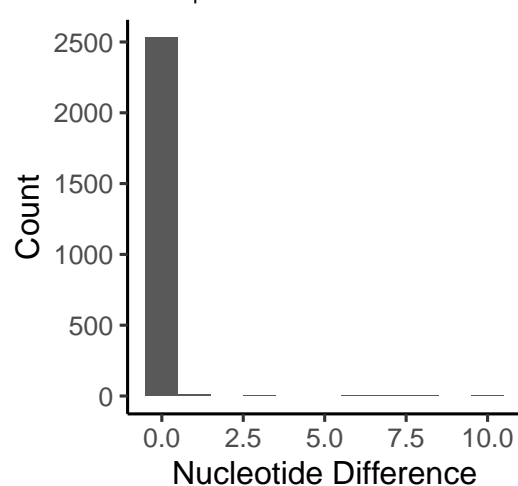
TRBV13*ap01

1807 sequences assigned
1770 (98%) exact matches, in which:
1710 unique CDR3
13 unique J



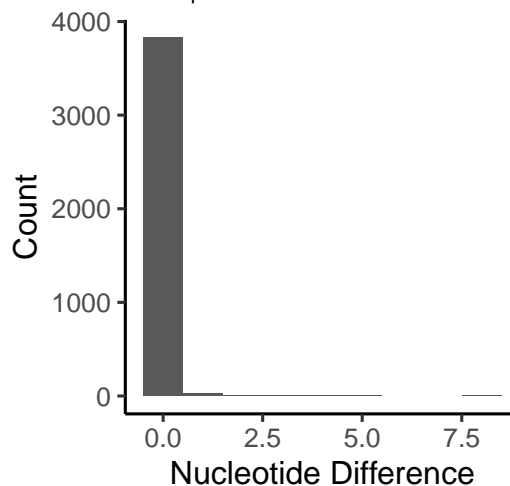
TRBV10-1*ap01

2547 sequences assigned
2530 (99.3%) exact matches, in which:
2488 unique CDR3
13 unique J



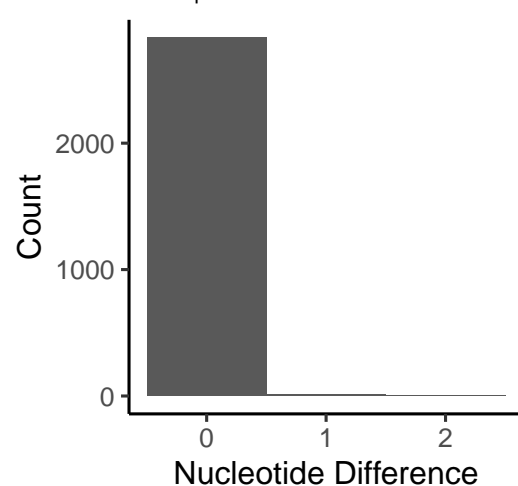
TRBV10-3*ap01

3864 sequences assigned
3827 (99%) exact matches, in which:
3769 unique CDR3
13 unique J



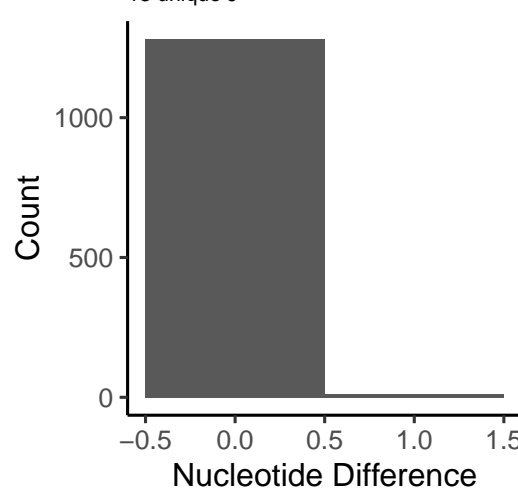
TRBV14*ap01

2848 sequences assigned
2834 (99.5%) exact matches, in which:
2781 unique CDR3
13 unique J



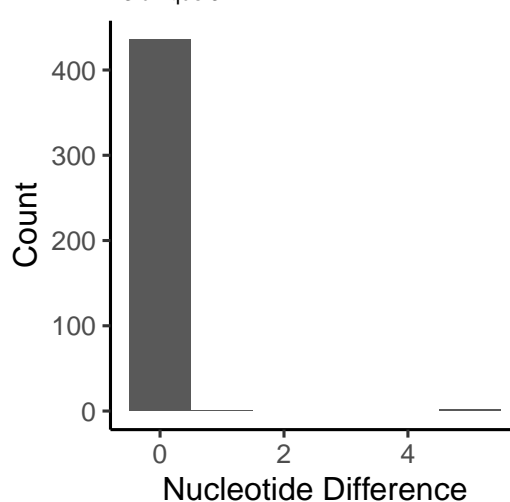
TRBV20-1*ap02

1293 sequences assigned
1281 (99.1%) exact matches, in which:
1260 unique CDR3
13 unique J



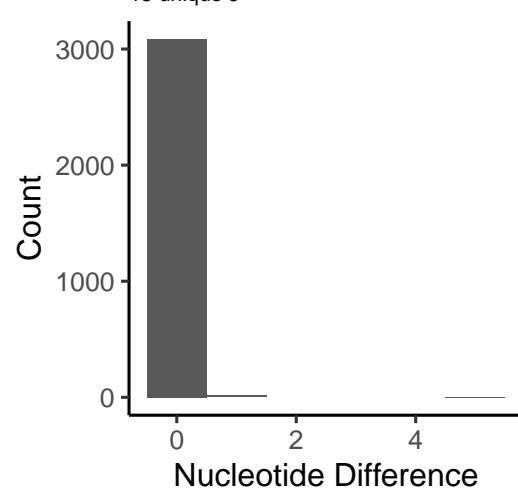
TRBV1*ap01

439 sequences assigned
436 (99.3%) exact matches, in which:
426 unique CDR3
13 unique J



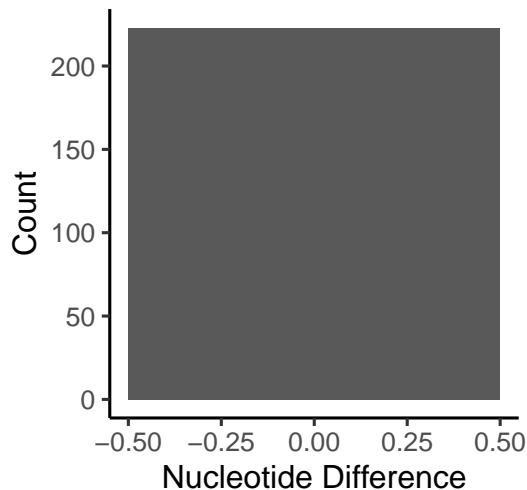
TRBV15*ap02

3103 sequences assigned
3086 (99.5%) exact matches, in which:
3020 unique CDR3
13 unique J



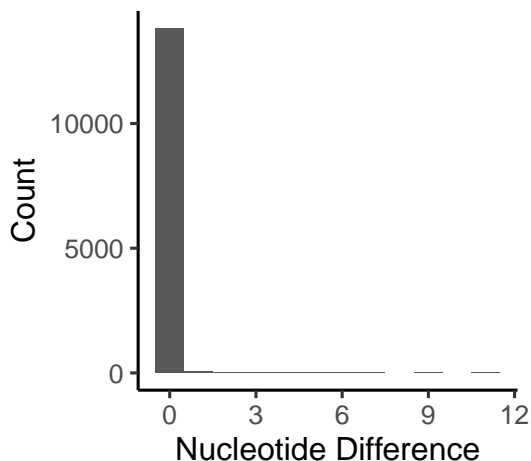
TRBV16*ap01

223 sequences assigned
223 (100%) exact matches, in which:
221 unique CDR3
13 unique J



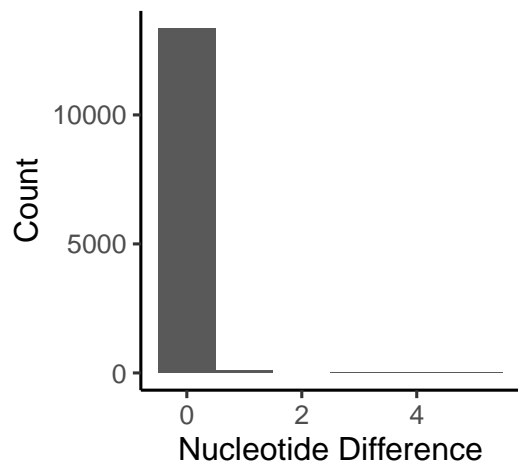
TRBV19*ap01

13918 sequences assigned
13823 (99.3%) exact matches, in which:
13694 unique CDR3
13 unique J



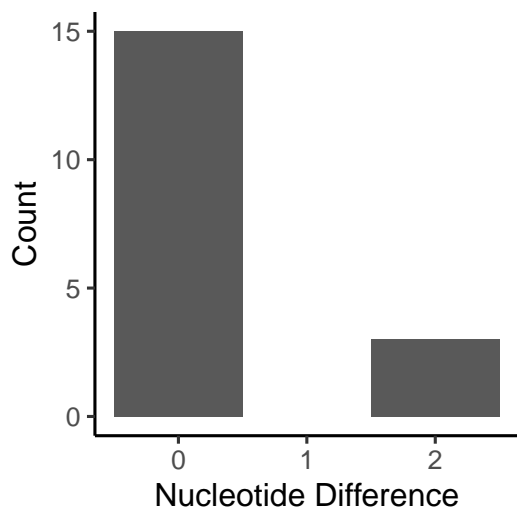
TRBV27*ap01

13450 sequences assigned
13362 (99.3%) exact matches, in which:
13066 unique CDR3
13 unique J



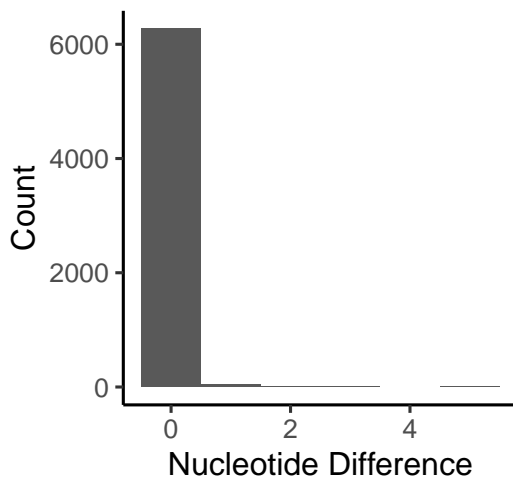
TRBV17*ap01

18 sequences assigned
15 (83.3%) exact matches, in which:
15 unique CDR3
9 unique J



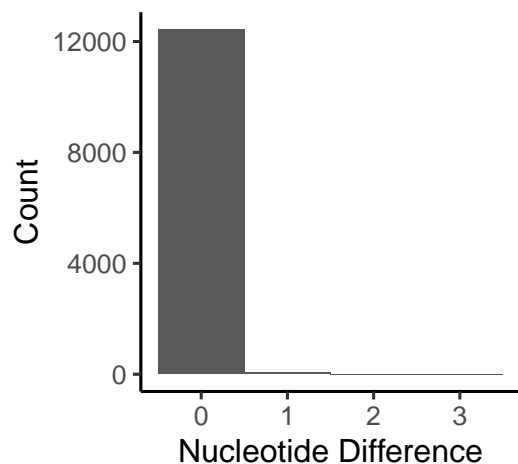
TRBV2*ap01

6321 sequences assigned
6272 (99.2%) exact matches, in which:
6163 unique CDR3
13 unique J



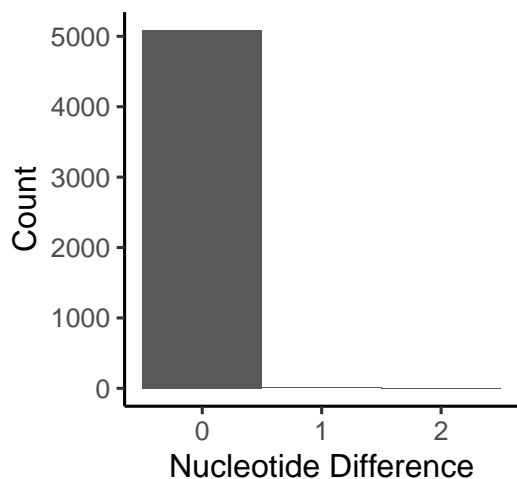
TRBV28*ap01

12506 sequences assigned
12434 (99.4%) exact matches, in which:
12252 unique CDR3
13 unique J



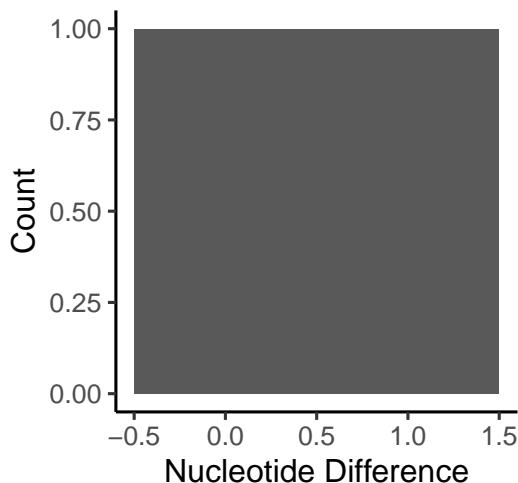
TRBV18*ap01

5102 sequences assigned
5089 (99.7%) exact matches, in which:
5029 unique CDR3
13 unique J



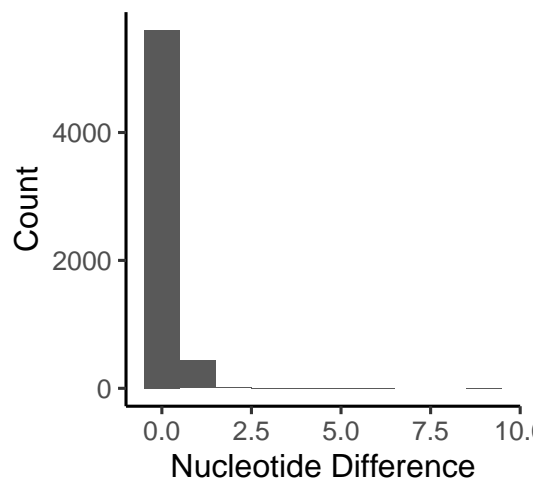
TRBV26*ap01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



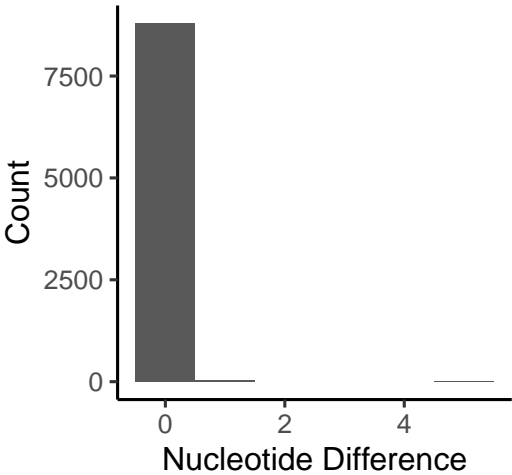
TRBV30*ap01

6058 sequences assigned
5602 (92.5%) exact matches, in which:
5461 unique CDR3
13 unique J



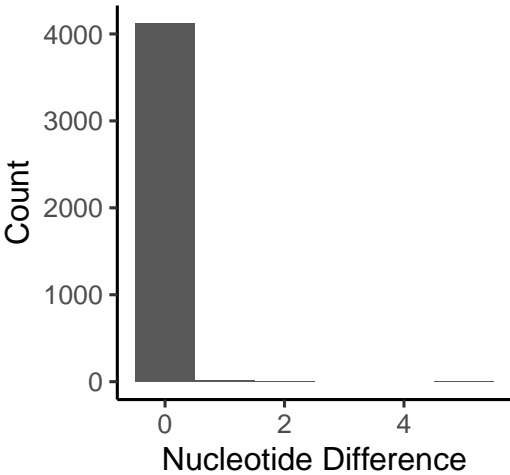
TRBV9*ap01

8839 sequences assigned
8792 (99.5%) exact matches, in which:
8670 unique CDR3
13 unique J



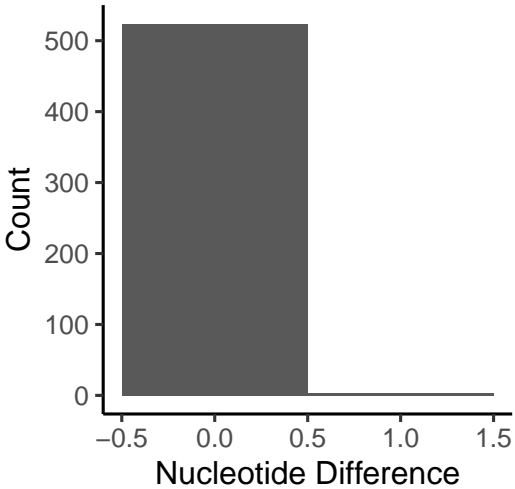
TRBV11-2*ap01

4135 sequences assigned
4121 (99.7%) exact matches, in which:
4085 unique CDR3
13 unique J



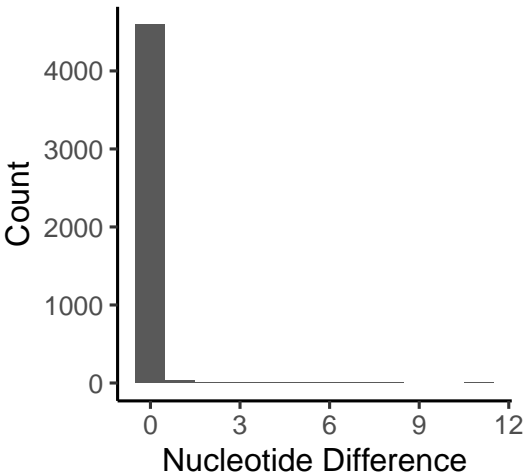
TRBV12-2*ap01

527 sequences assigned
524 (99.4%) exact matches, in which:
515 unique CDR3
13 unique J



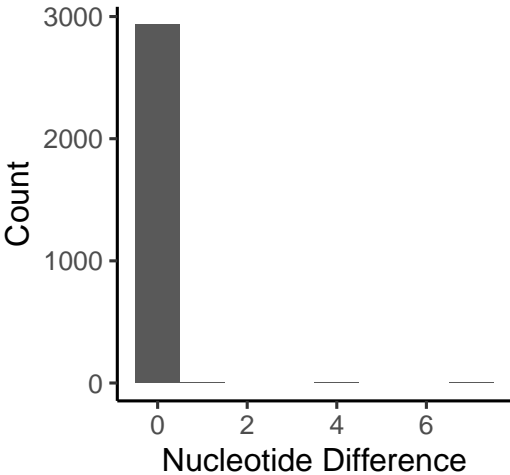
TRBV21-1*ap01

4644 sequences assigned
4592 (98.9%) exact matches, in which:
4535 unique CDR3
13 unique J



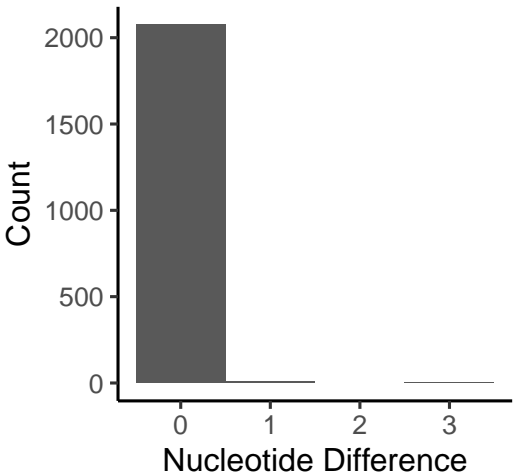
TRBV11-3*ap01

2943 sequences assigned
2933 (99.7%) exact matches, in which:
2913 unique CDR3
13 unique J



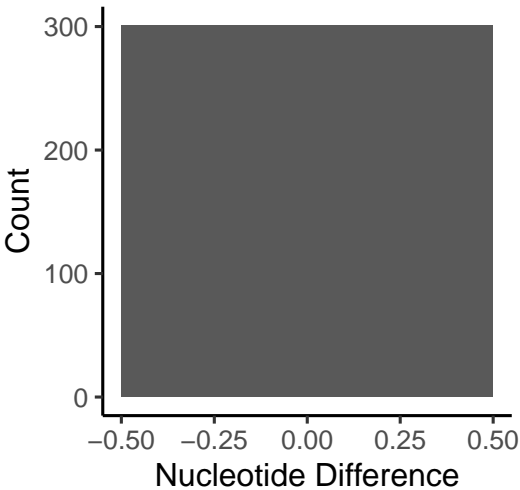
TRBV12-5*ap01

2085 sequences assigned
2075 (99.5%) exact matches, in which:
2046 unique CDR3
13 unique J



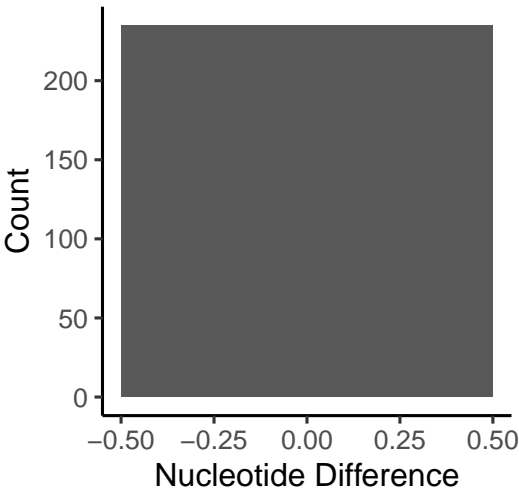
TRBV11-1*ap01

301 sequences assigned
301 (100%) exact matches, in which:
298 unique CDR3
12 unique J



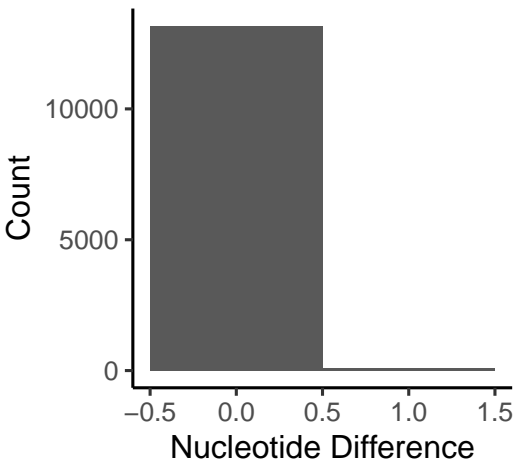
TRBV12-1*ap01

235 sequences assigned
235 (100%) exact matches, in which:
232 unique CDR3
13 unique J



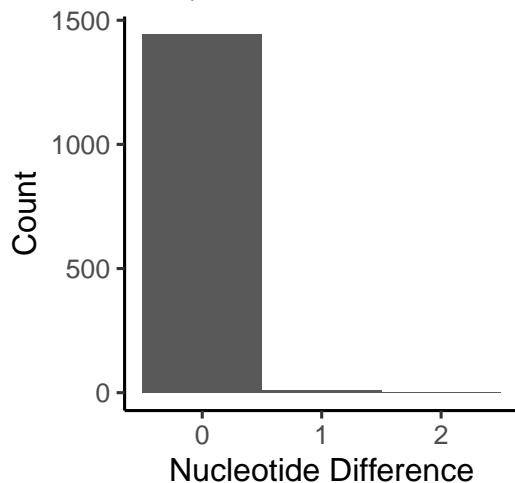
TRBV12-34*ap01

13257 sequences assigned
13176 (99.4%) exact matches, in which:
12959 unique CDR3
13 unique J



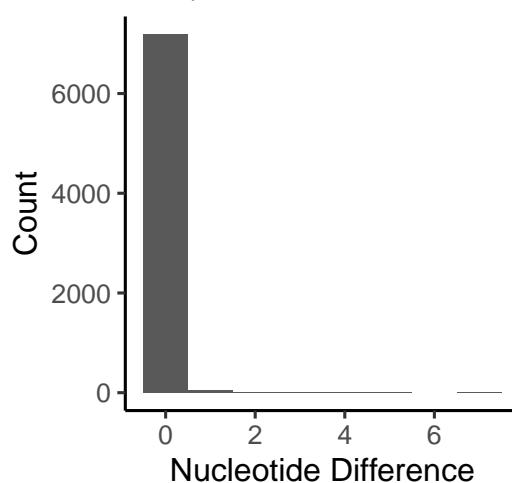
TRBV23-1*ap01

1457 sequences assigned
1443 (99%) exact matches, in which:
1412 unique CDR3
13 unique J



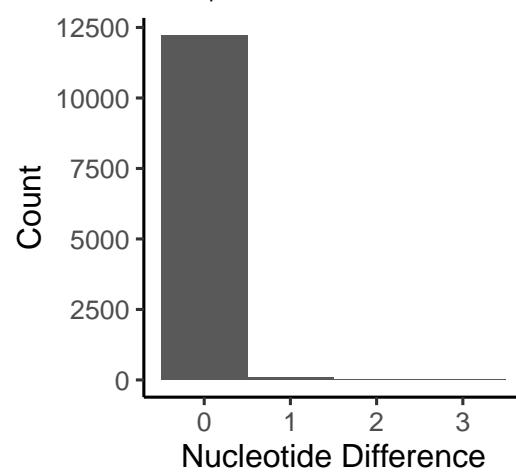
TRBV24-1*ap01

7245 sequences assigned
7186 (99.2%) exact matches, in which:
7058 unique CDR3
13 unique J



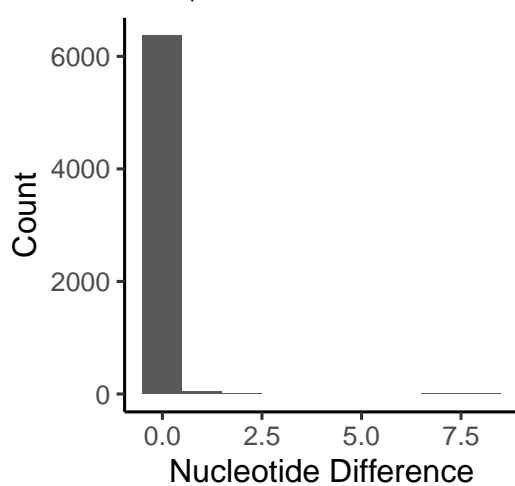
TRBV5-1*ap01

12317 sequences assigned
12228 (99.3%) exact matches, in which:
11937 unique CDR3
13 unique J



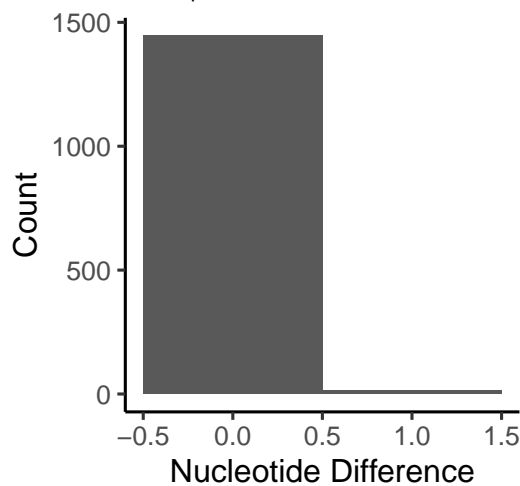
TRBV3-12*ap01

6407 sequences assigned
6367 (99.4%) exact matches, in which:
6296 unique CDR3
13 unique J



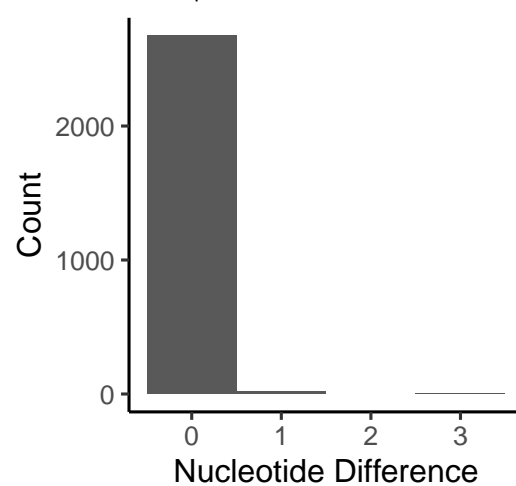
TRBV4-2*ap01

1461 sequences assigned
1446 (99%) exact matches, in which:
1398 unique CDR3
13 unique J



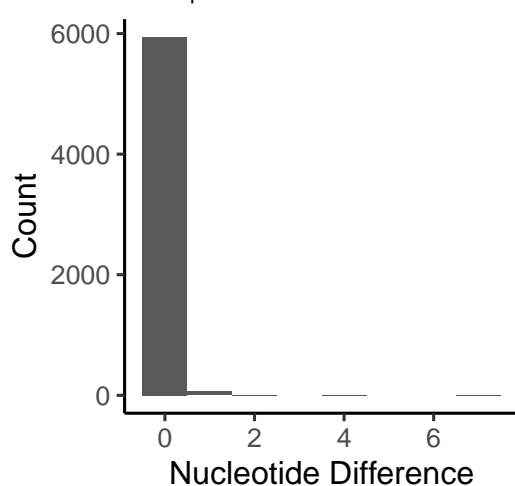
TRBV25-1*ap01

2693 sequences assigned
2674 (99.3%) exact matches, in which:
2605 unique CDR3
13 unique J



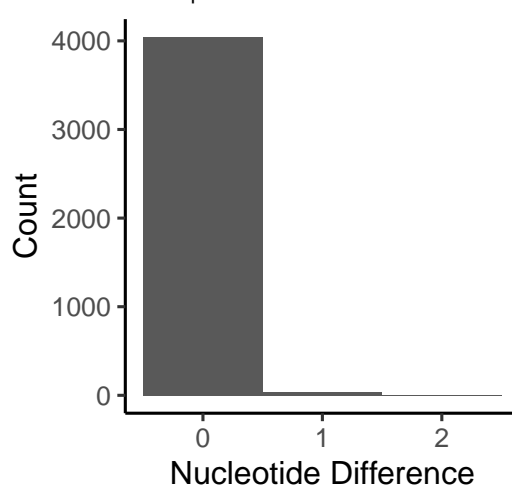
TRBV4-1*ap01

6008 sequences assigned
5943 (98.9%) exact matches, in which:
5781 unique CDR3
13 unique J



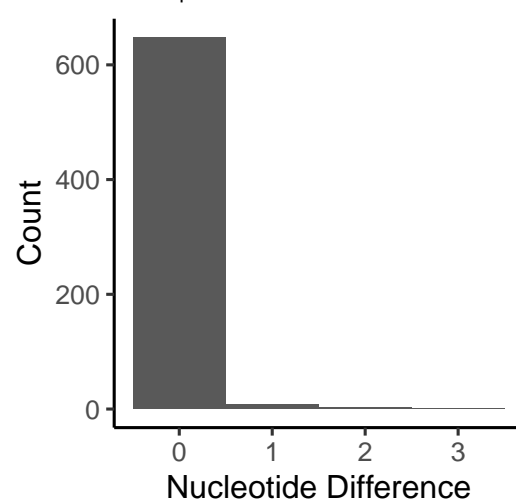
TRBV4-3*ap01

4080 sequences assigned
4043 (99.1%) exact matches, in which:
3938 unique CDR3
13 unique J



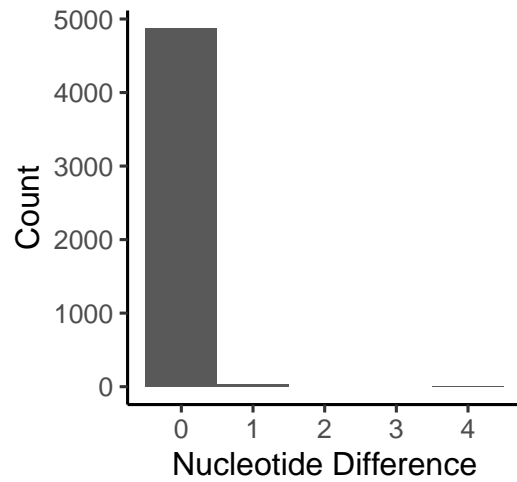
TRBV5-3*ap01

659 sequences assigned
648 (98.3%) exact matches, in which:
636 unique CDR3
13 unique J



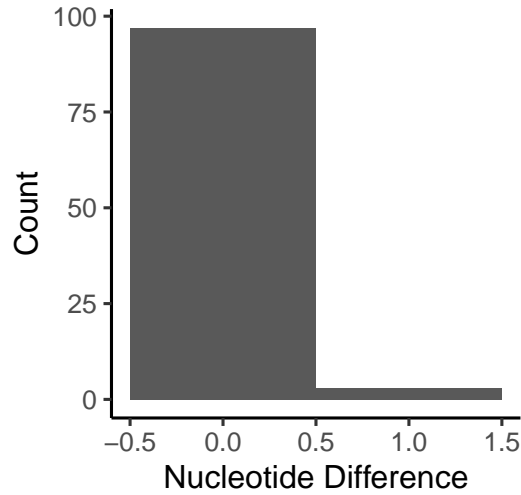
TRBV5-4*ap01

4907 sequences assigned
4872 (99.3%) exact matches, in which:
4751 unique CDR3
13 unique J



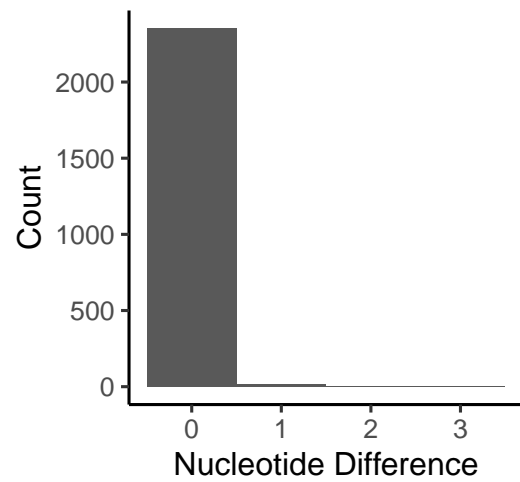
TRBV5-7*ap01

100 sequences assigned
97 (97%) exact matches, in which:
89 unique CDR3
13 unique J



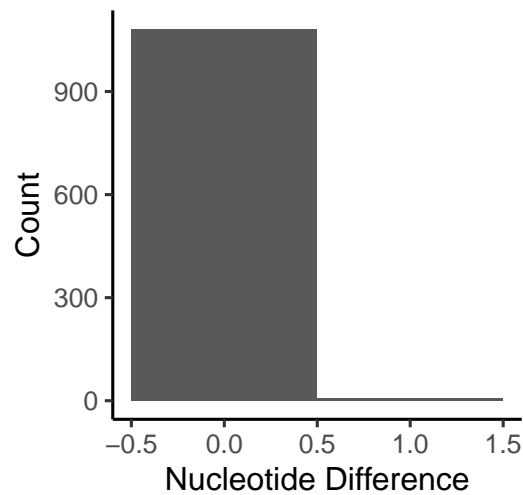
TRBV6-4*ap01

2373 sequences assigned
2352 (99.1%) exact matches, in which:
2316 unique CDR3
13 unique J



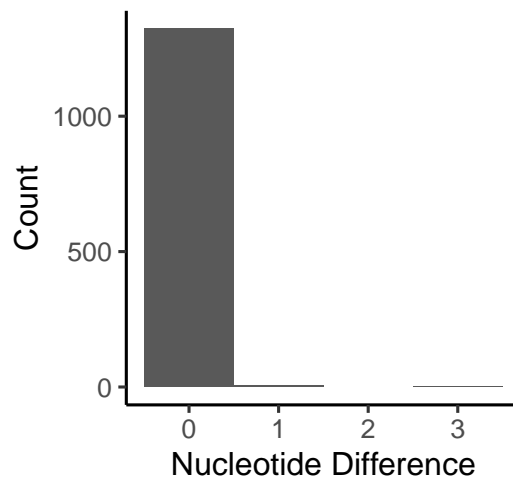
TRBV5-5*ap01

1089 sequences assigned
1082 (99.4%) exact matches, in which:
1074 unique CDR3
13 unique J



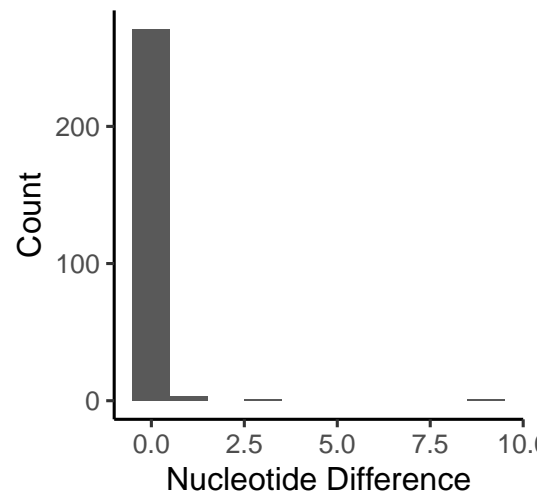
TRBV5-8*ap01

1331 sequences assigned
1323 (99.4%) exact matches, in which:
1297 unique CDR3
13 unique J



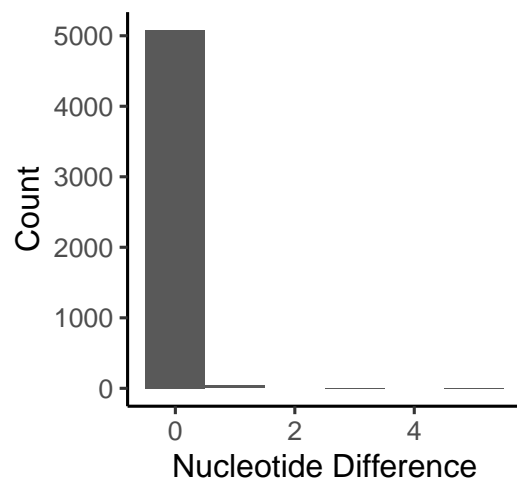
TRBV6-7*ap01

276 sequences assigned
271 (98.2%) exact matches, in which:
260 unique CDR3
13 unique J



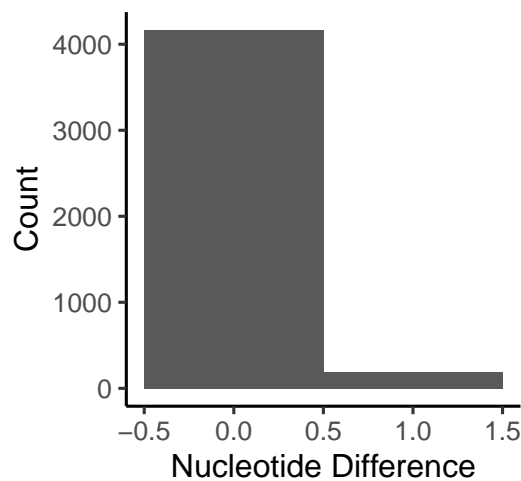
TRBV5-6*ap01

5125 sequences assigned
5081 (99.1%) exact matches, in which:
4904 unique CDR3
13 unique J



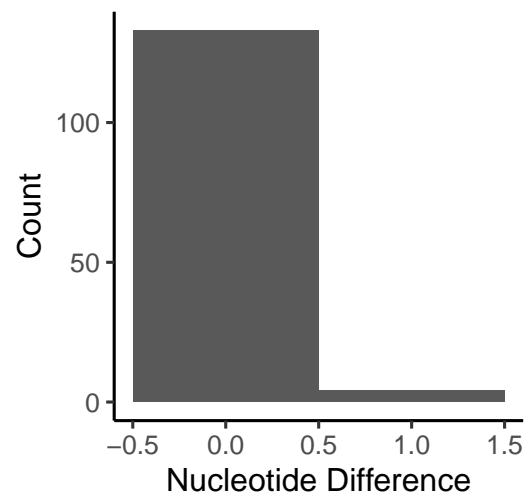
TRBV6-1*ap01

4358 sequences assigned
4165 (95.6%) exact matches, in which:
4073 unique CDR3
13 unique J



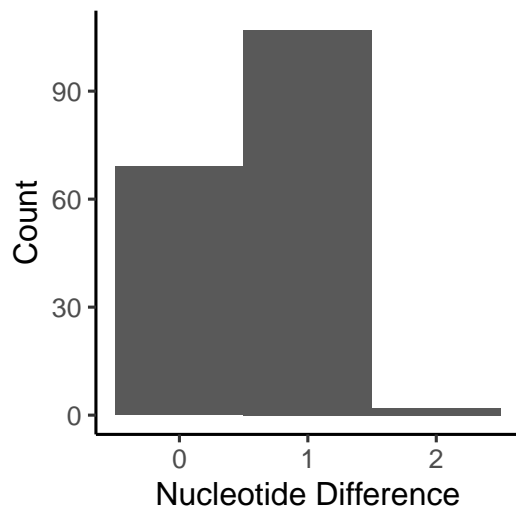
TRBV6-8*ap01

137 sequences assigned
133 (97.1%) exact matches, in which:
129 unique CDR3
11 unique J



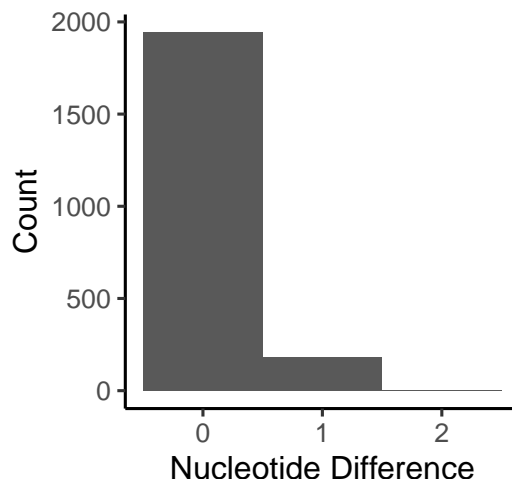
TRBV6-9*ap01

178 sequences assigned
69 (38.8%) exact matches, in which:
67 unique CDR3
12 unique J



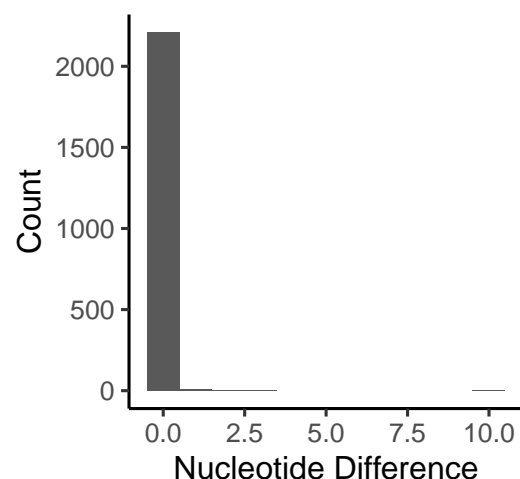
TRBV6-56*ap02

2124 sequences assigned
1943 (91.5%) exact matches, in which:
1901 unique CDR3
13 unique J



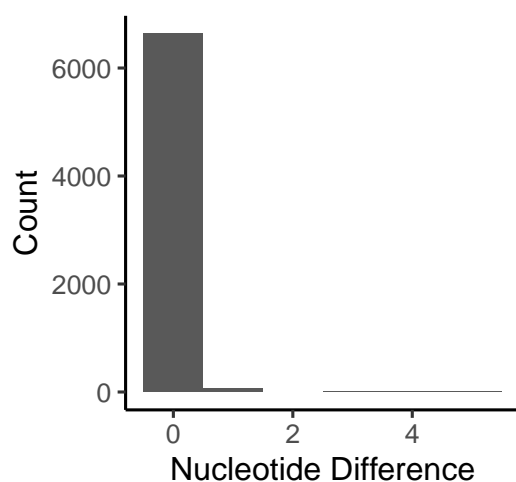
TRBV7-3*ap01

2224 sequences assigned
2209 (99.3%) exact matches, in which:
2173 unique CDR3
13 unique J



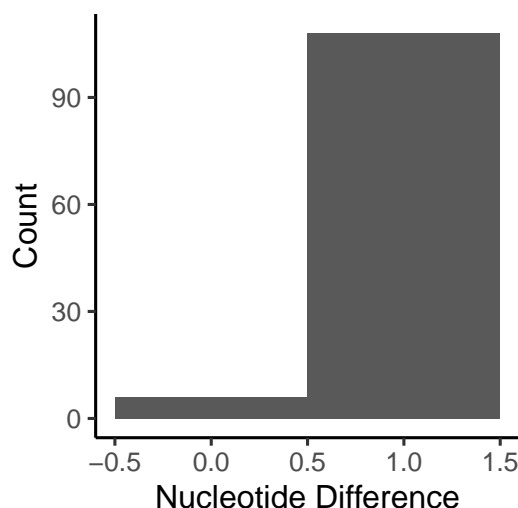
TRBV6-23*ap01

6694 sequences assigned
6635 (99.1%) exact matches, in which:
6434 unique CDR3
13 unique J



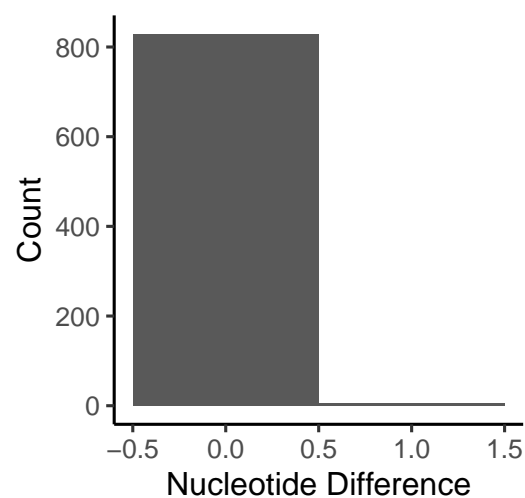
TRBV7-1*ap01_T296C

114 sequences assigned
6 (5.3%) exact matches, in which:
6 unique CDR3
5 unique J



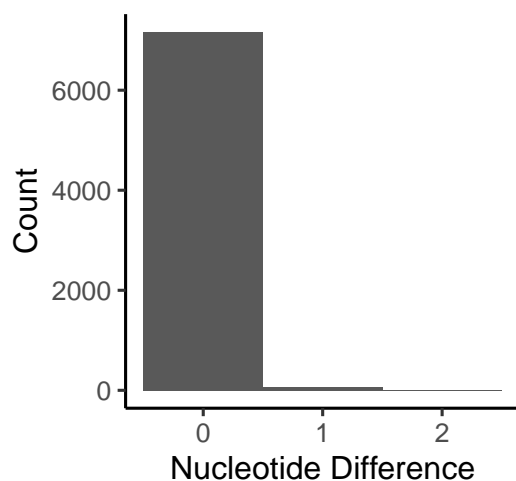
TRBV7-3*ap02

834 sequences assigned
829 (99.4%) exact matches, in which:
814 unique CDR3
13 unique J



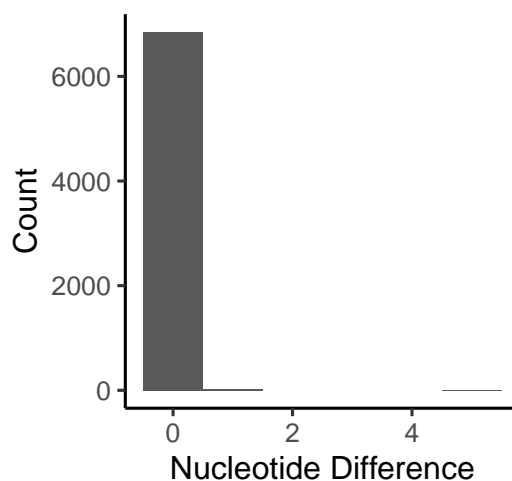
TRBV6-56*ap01

7232 sequences assigned
7163 (99%) exact matches, in which:
6953 unique CDR3
13 unique J



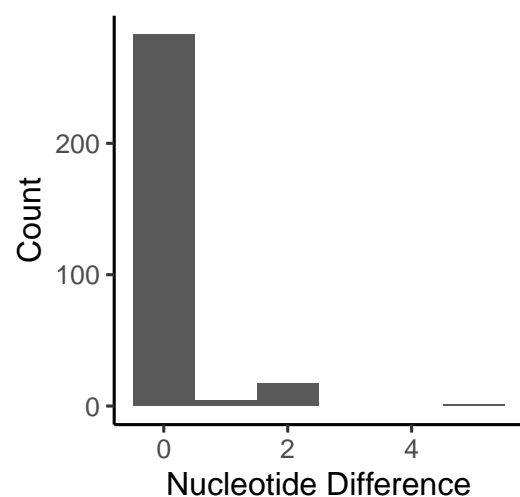
TRBV7-2*ap01

6878 sequences assigned
6847 (99.5%) exact matches, in which:
6728 unique CDR3
13 unique J



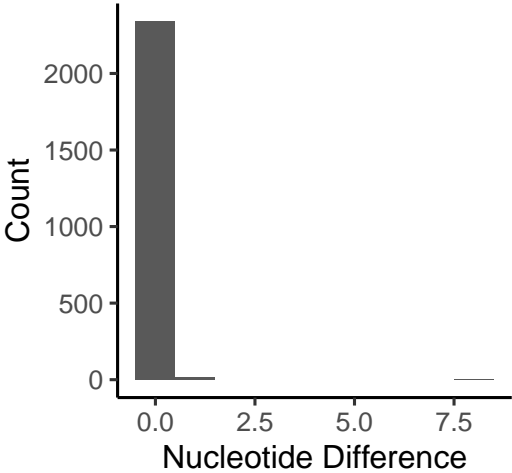
TRBV7-4*ap01

305 sequences assigned
283 (92.8%) exact matches, in which:
281 unique CDR3
13 unique J



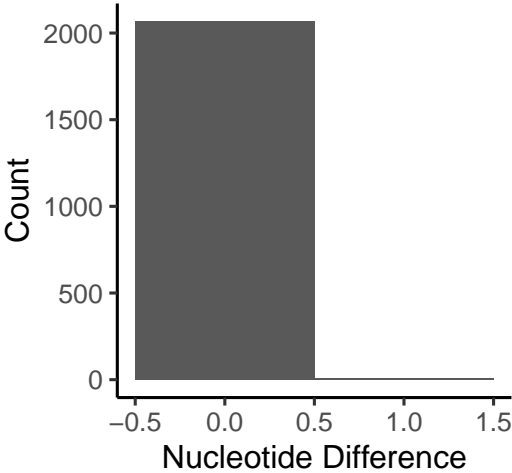
TRBV7-6*ap01

2356 sequences assigned
2340 (99.3%) exact matches, in which:
2298 unique CDR3
13 unique J



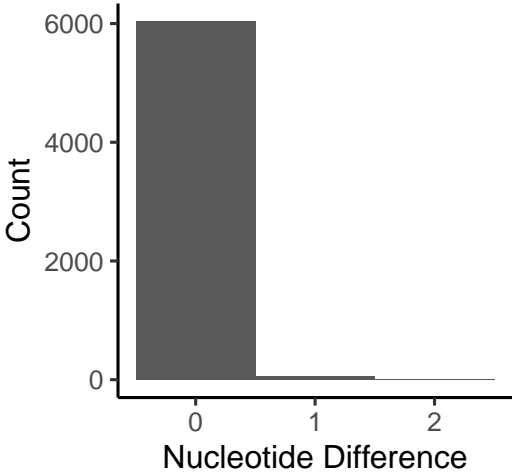
TRBV7-8*ap01

2078 sequences assigned
2067 (99.5%) exact matches, in which:
2038 unique CDR3
13 unique J



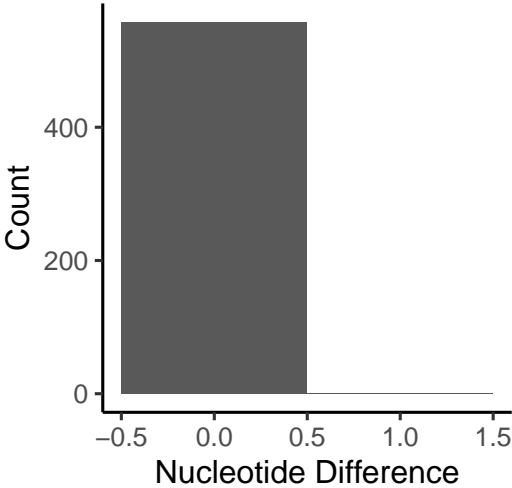
TRBV29-1*ap01

6095 sequences assigned
6036 (99%) exact matches, in which:
5848 unique CDR3
13 unique J



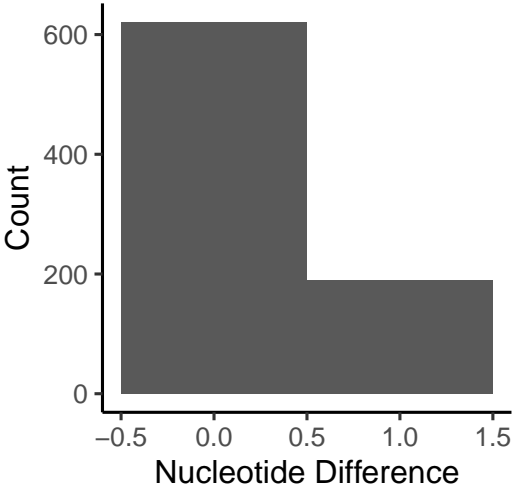
TRBV7-7*ap01

559 sequences assigned
558 (99.8%) exact matches, in which:
544 unique CDR3
13 unique J



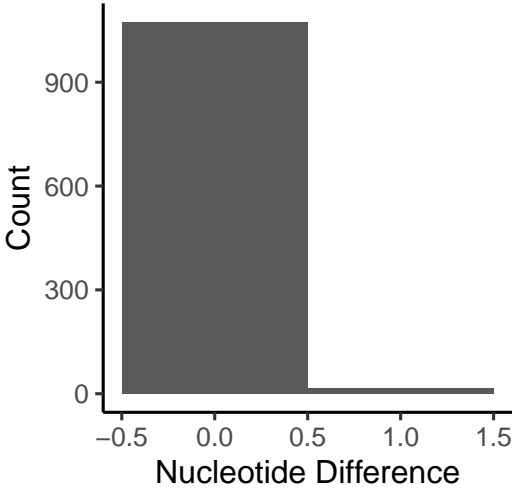
TRBV7-8*ap03

811 sequences assigned
621 (76.6%) exact matches, in which:
611 unique CDR3
13 unique J



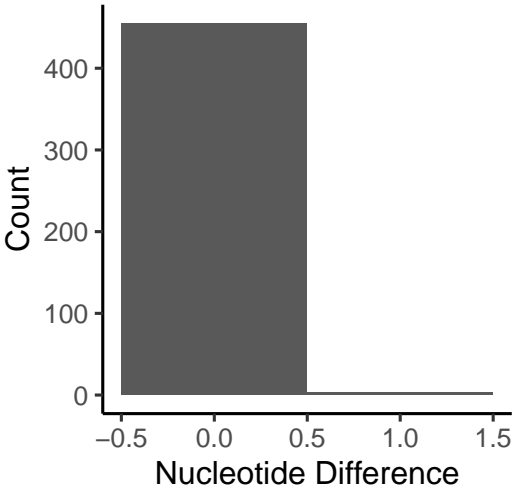
TRBV29-1*ap02

1090 sequences assigned
1074 (98.5%) exact matches, in which:
1039 unique CDR3
13 unique J



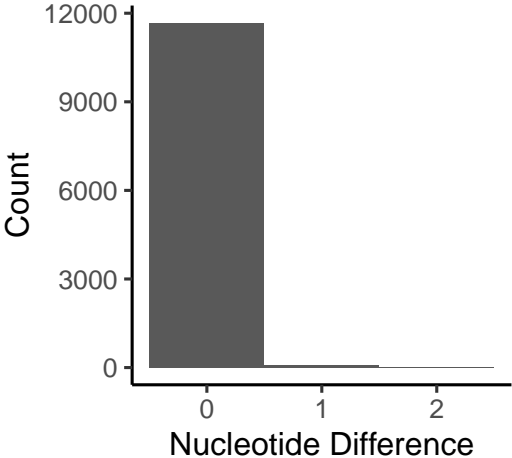
TRBV7-7*ap01_C315T

458 sequences assigned
455 (99.3%) exact matches, in which:
442 unique CDR3
13 unique J

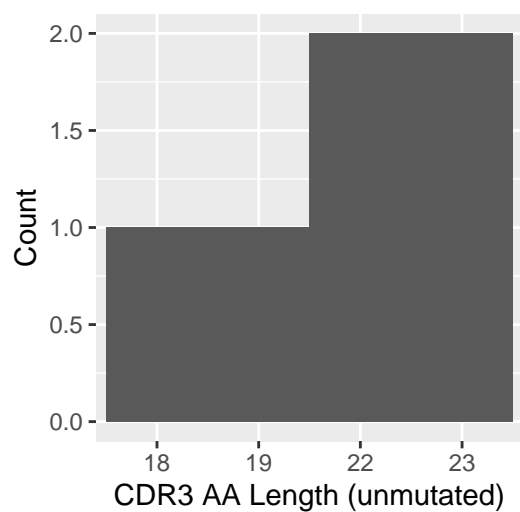


TRBV7-9*ap01

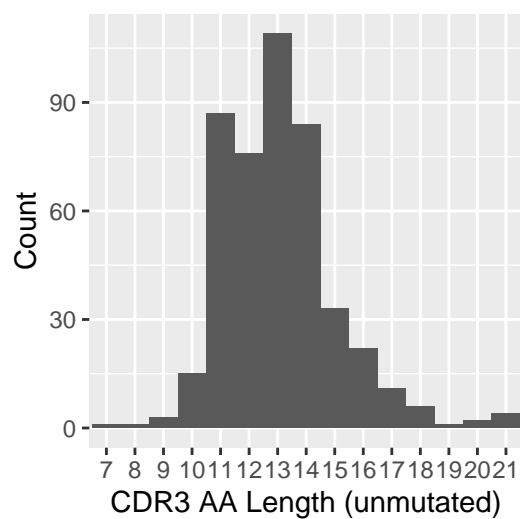
11748 sequences assigned
11676 (99.4%) exact matches, in which:
11432 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.