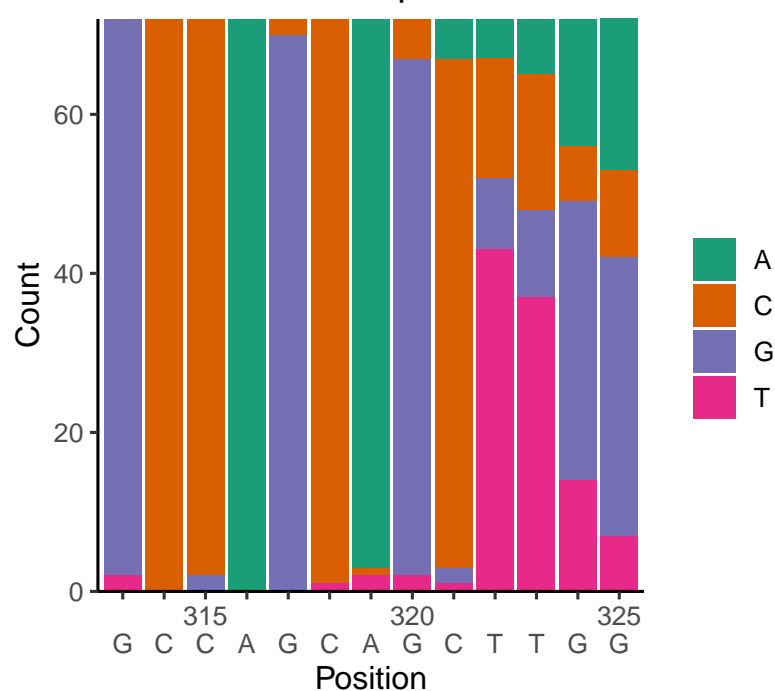
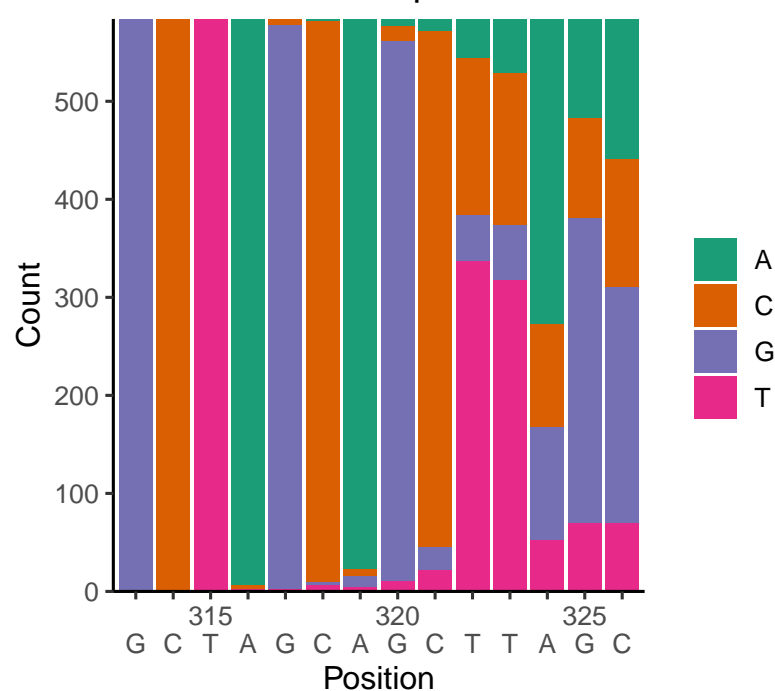


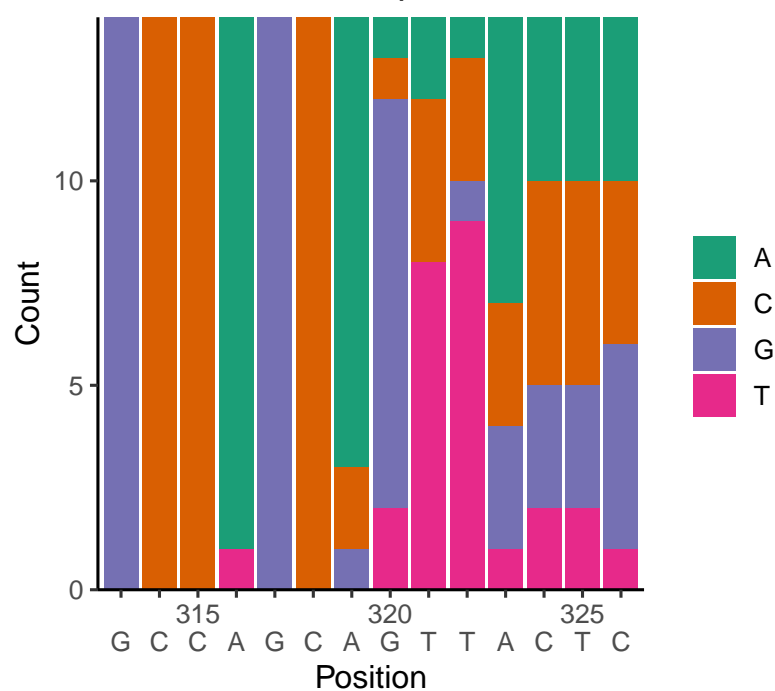
Gene TRBV5-7*ap01_G290A



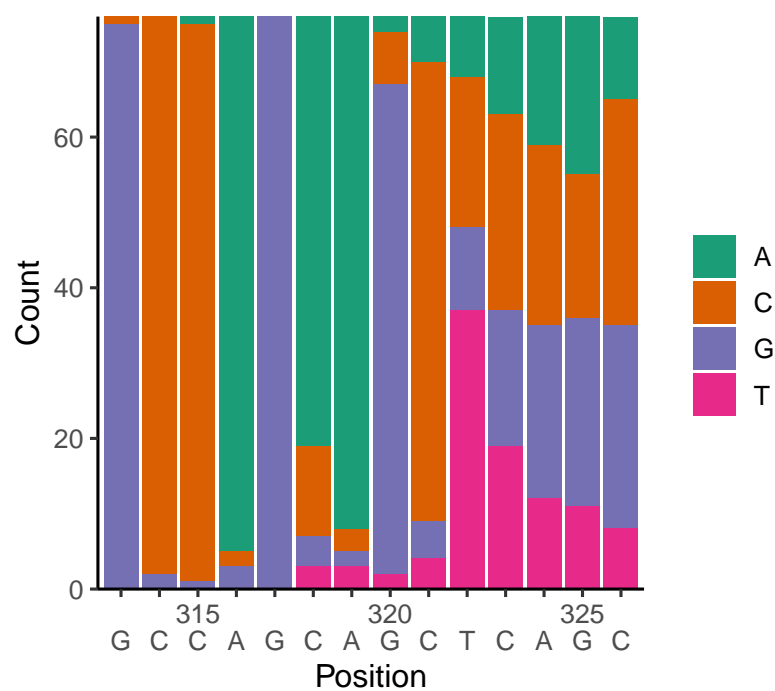
Gene TRBV7-7*ap01_C315T



Gene TRBV6-8*ap01_A293G



Gene TRBV7-1*ap01_T296C



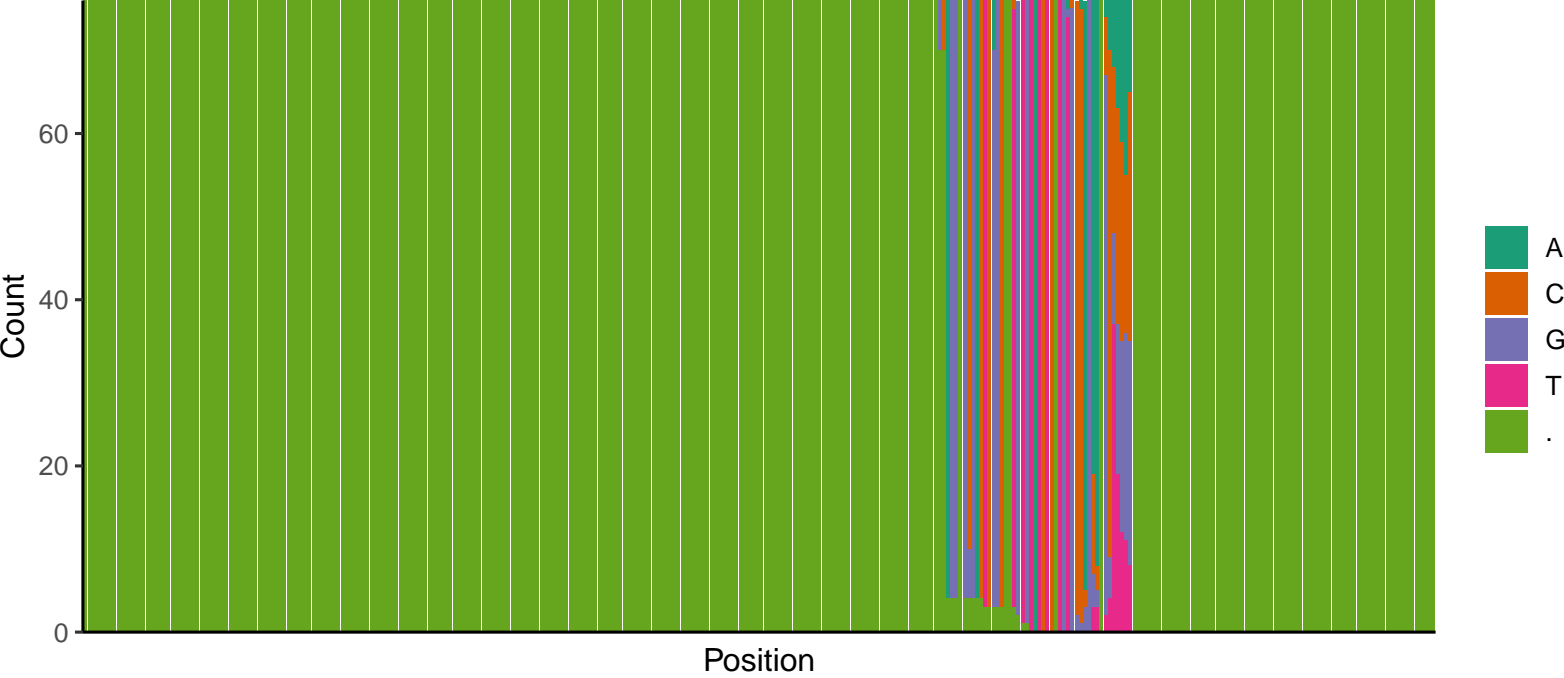
Gene TRBV5-7*ap01_G290A



Gene TRBV6-8*ap01_A293G



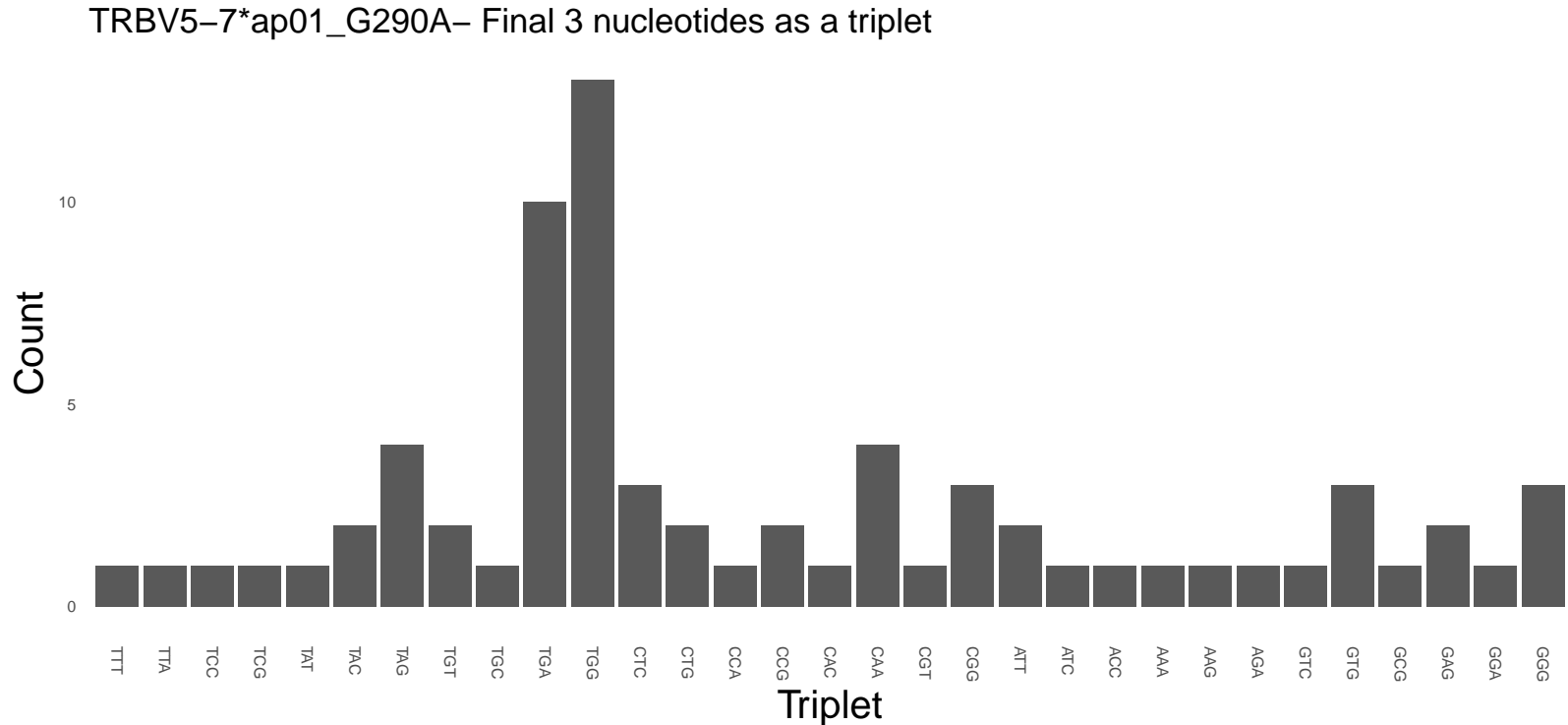
Gene TRBV7-1*ap01_T296C



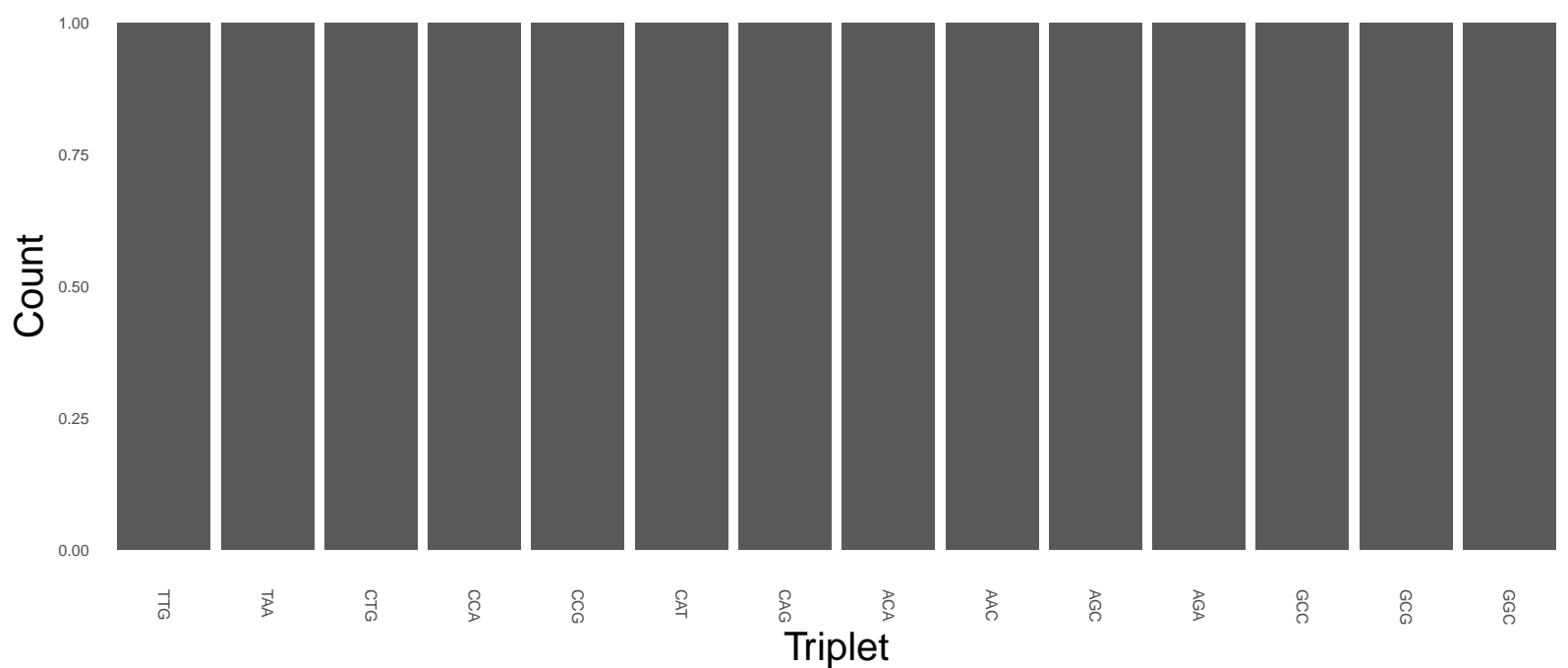
Gene TRBV7-7*ap01_C315T



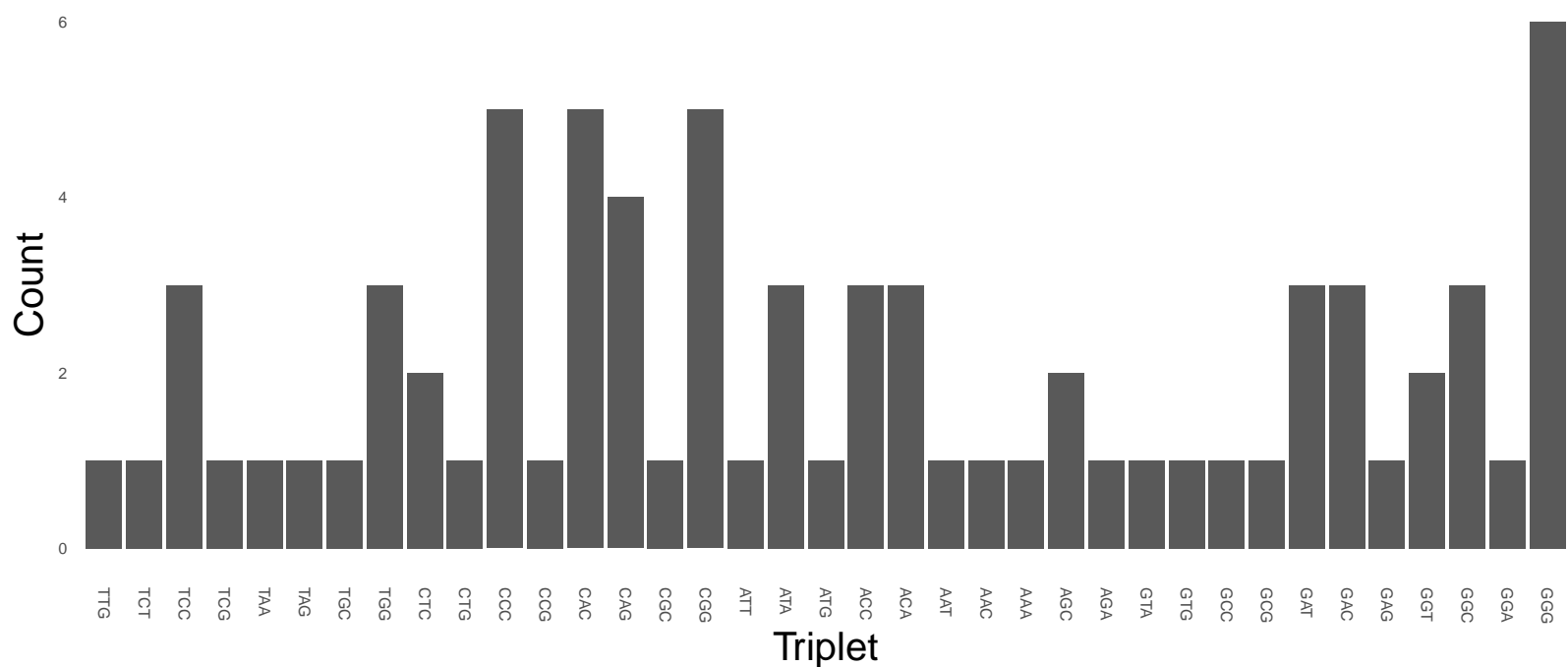
TRBV5-7*ap01_G290A- Final 3 nucleotides as a triplet



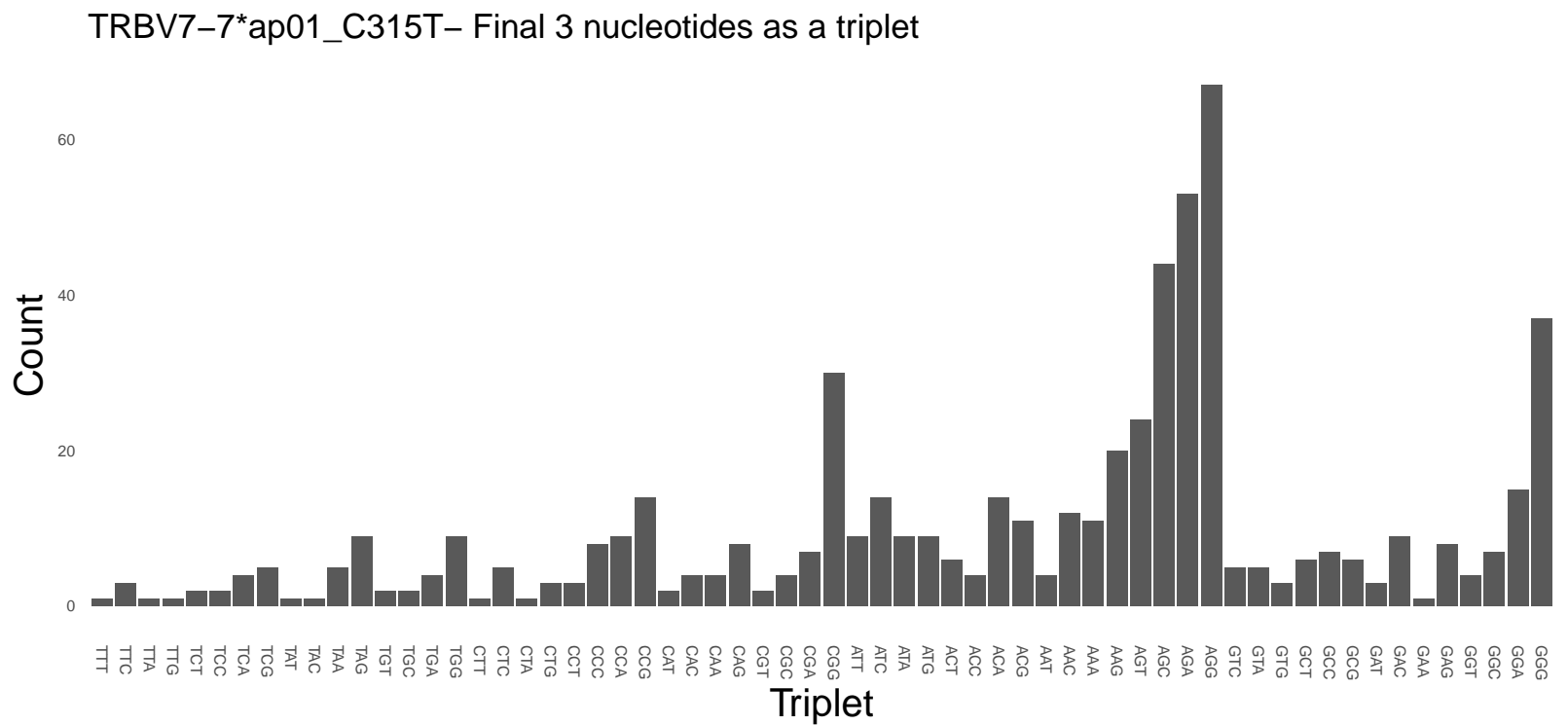
TRBV6-8*ap01_A293G- Final 3 nucleotides as a triplet



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

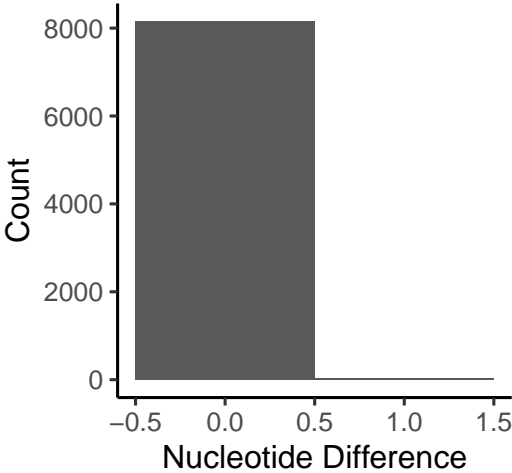


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



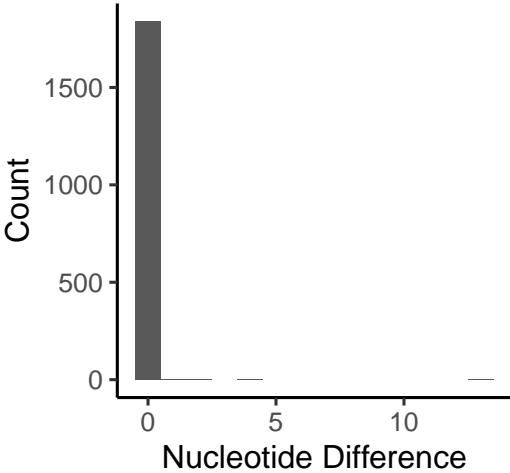
TRBV20-1*ap01

8186 sequences assigned
8153 (99.6%) exact matches, in which:
8119 unique CDR3
13 unique J



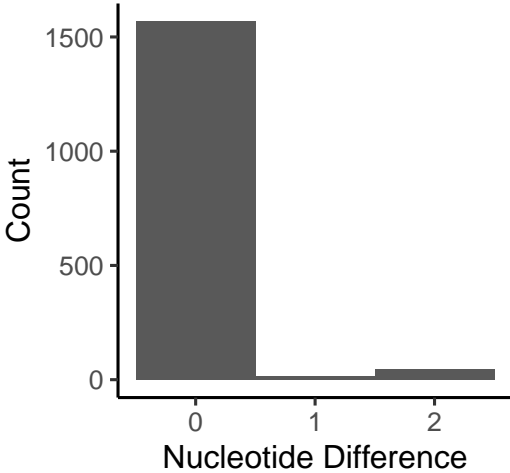
TRBV10-2*ap01

1846 sequences assigned
1839 (99.6%) exact matches, in which:
1826 unique CDR3
13 unique J



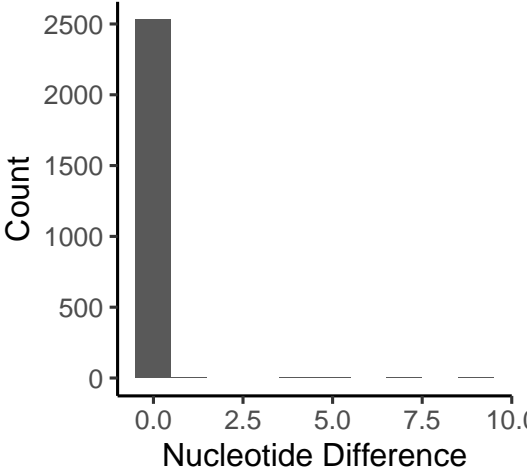
TRBV13*ap01

1628 sequences assigned
1568 (96.3%) exact matches, in which:
1554 unique CDR3
13 unique J



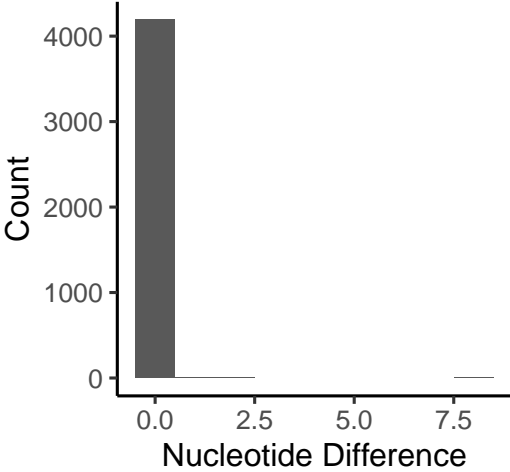
TRBV10-1*ap01

2540 sequences assigned
2530 (99.6%) exact matches, in which:
2518 unique CDR3
13 unique J



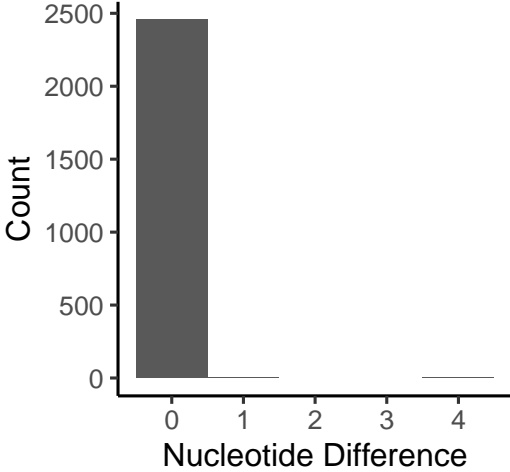
TRBV10-3*ap01

4206 sequences assigned
4192 (99.7%) exact matches, in which:
4170 unique CDR3
13 unique J



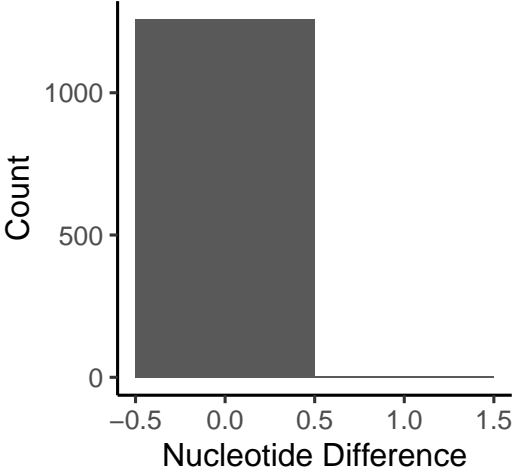
TRBV14*ap01

2459 sequences assigned
2456 (99.9%) exact matches, in which:
2449 unique CDR3
13 unique J



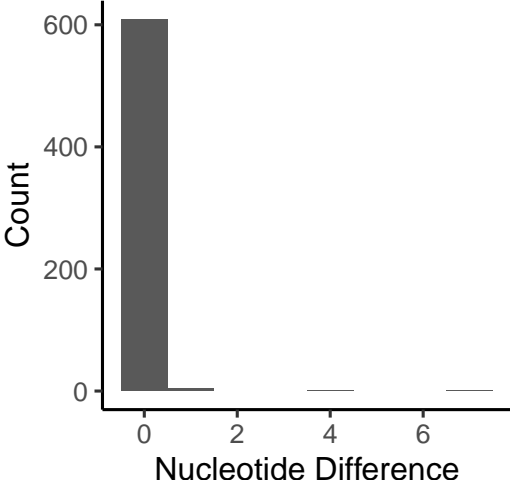
TRBV20-1*ap02

1264 sequences assigned
1259 (99.6%) exact matches, in which:
1255 unique CDR3
13 unique J



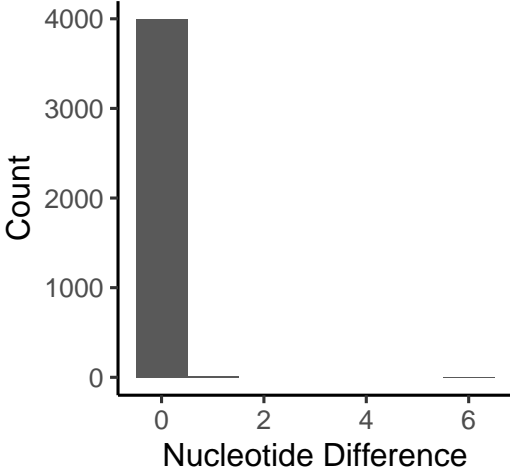
TRBV1*ap01

615 sequences assigned
609 (99%) exact matches, in which:
600 unique CDR3
13 unique J



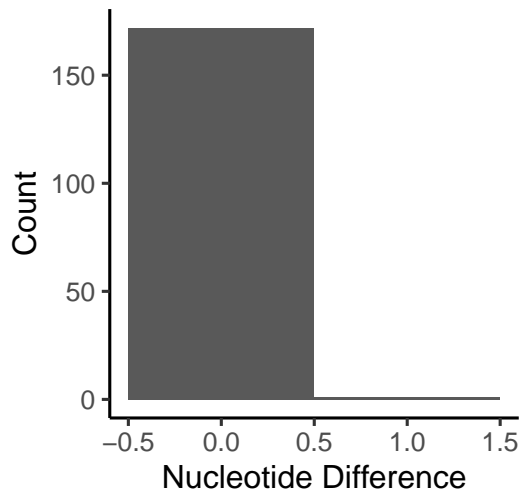
TRBV15*ap02

4014 sequences assigned
3997 (99.6%) exact matches, in which:
3974 unique CDR3
13 unique J



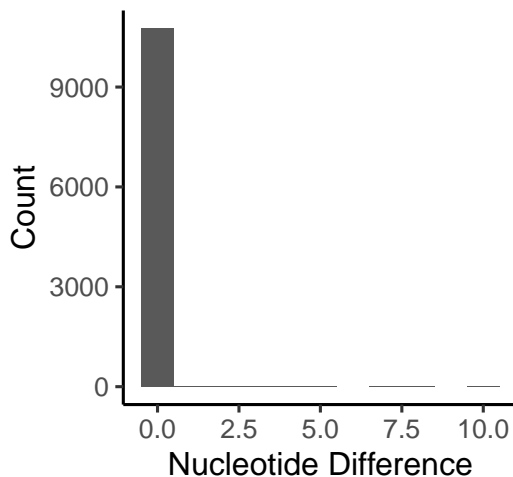
TRBV16*ap01

173 sequences assigned
172 (99.4%) exact matches, in which:
171 unique CDR3
13 unique J



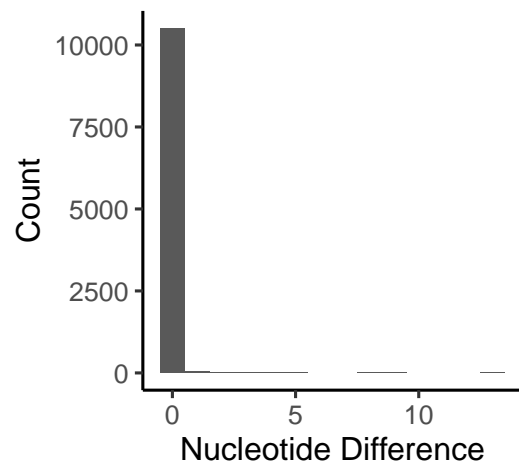
TRBV19*ap01

10808 sequences assigned
10761 (99.6%) exact matches, in which:
10734 unique CDR3
13 unique J



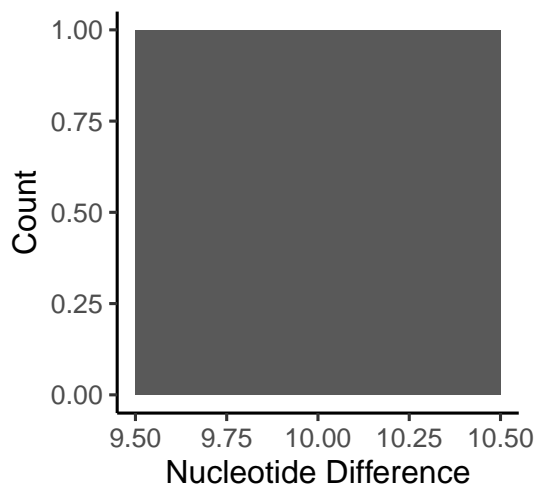
TRBV27*ap01

10563 sequences assigned
10513 (99.5%) exact matches, in which:
10438 unique CDR3
13 unique J



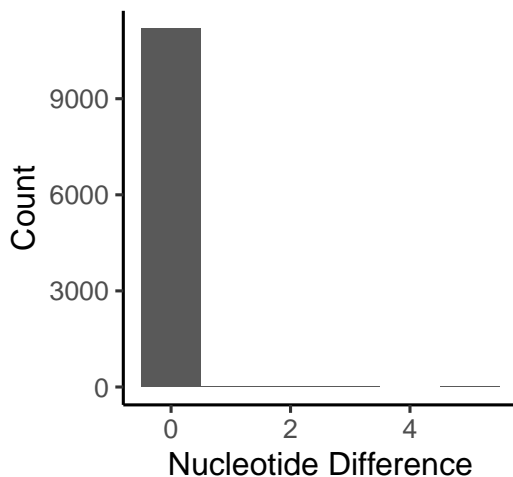
TRBV17*ap01

1 sequences assigned
No exact matches.



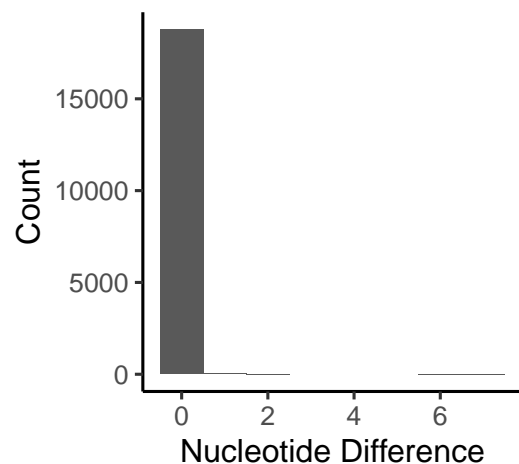
TRBV2*ap01

11221 sequences assigned
11185 (99.7%) exact matches, in which:
11111 unique CDR3
13 unique J



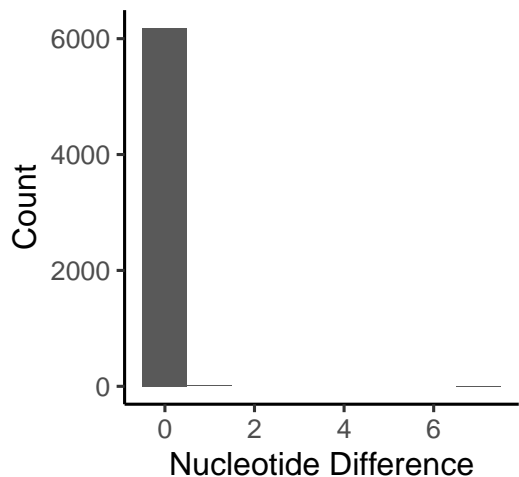
TRBV28*ap01

18836 sequences assigned
18777 (99.7%) exact matches, in which:
18706 unique CDR3
13 unique J



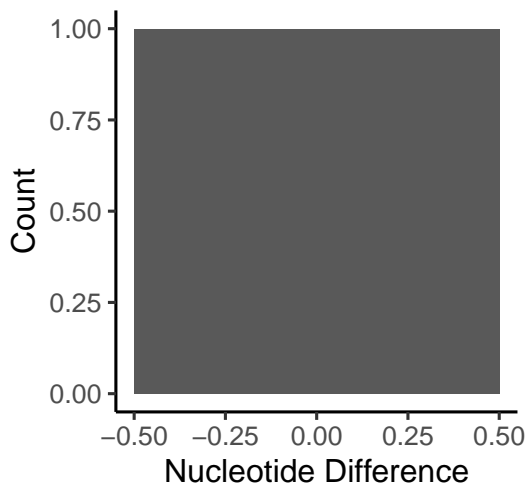
TRBV18*ap01

6197 sequences assigned
6183 (99.8%) exact matches, in which:
6169 unique CDR3
13 unique J



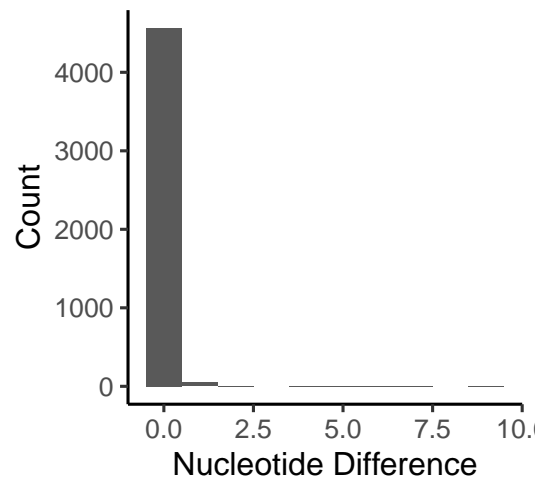
TRBV26*ap01

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



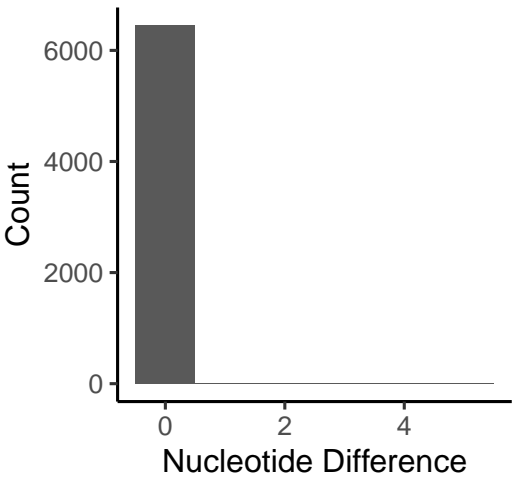
TRBV30*ap02

4622 sequences assigned
4564 (98.7%) exact matches, in which:
4485 unique CDR3
13 unique J



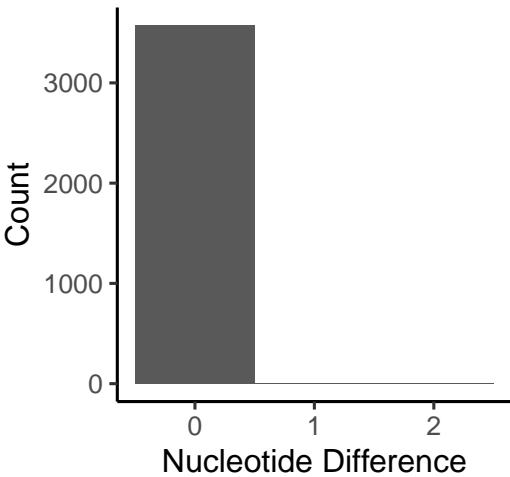
TRBV9*ap01

6472 sequences assigned
6450 (99.7%) exact matches, in which:
6424 unique CDR3
13 unique J



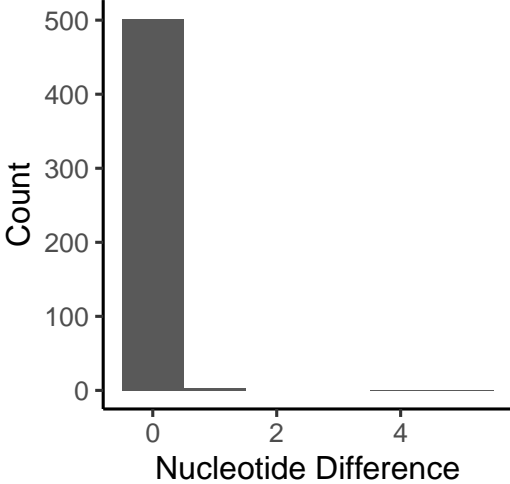
TRBV11-2*ap01

3577 sequences assigned
3573 (99.9%) exact matches, in which:
3561 unique CDR3
13 unique J



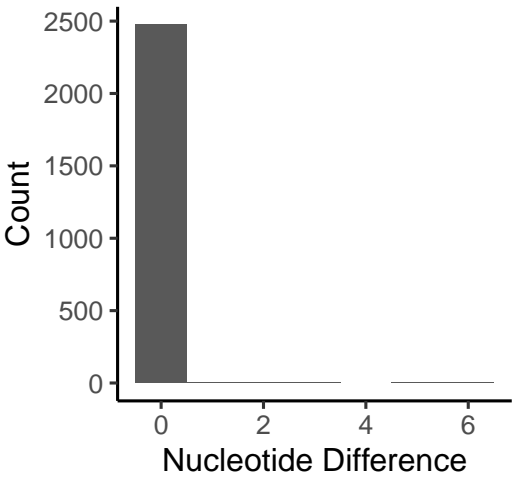
TRBV12-2*ap01

507 sequences assigned
502 (99%) exact matches, in which:
502 unique CDR3
13 unique J



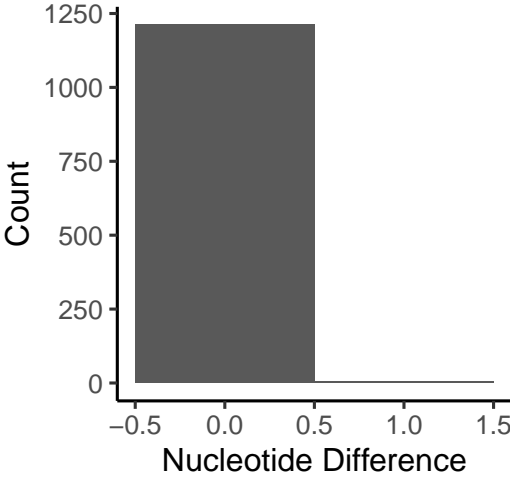
TRBV21-1*ap01

2495 sequences assigned
2475 (99.2%) exact matches, in which:
2466 unique CDR3
13 unique J



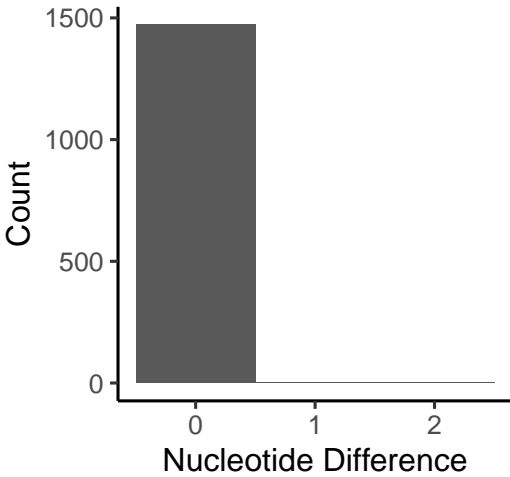
TRBV11-3*ap01

1217 sequences assigned
1212 (99.6%) exact matches, in which:
1207 unique CDR3
13 unique J



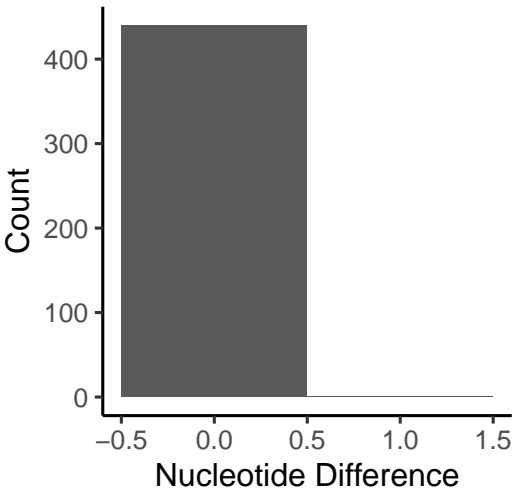
TRBV12-5*ap01

1479 sequences assigned
1472 (99.5%) exact matches, in which:
1467 unique CDR3
13 unique J



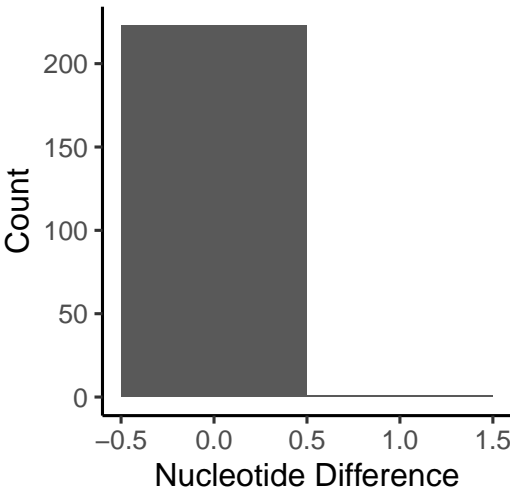
TRBV11-1*ap01

441 sequences assigned
440 (99.8%) exact matches, in which:
435 unique CDR3
13 unique J



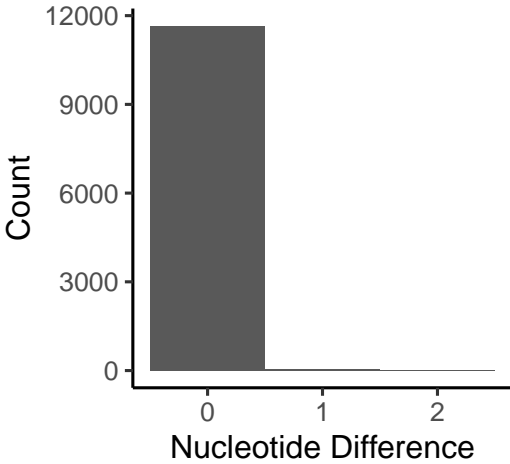
TRBV12-1*ap01

224 sequences assigned
223 (99.6%) exact matches, in which:
222 unique CDR3
13 unique J



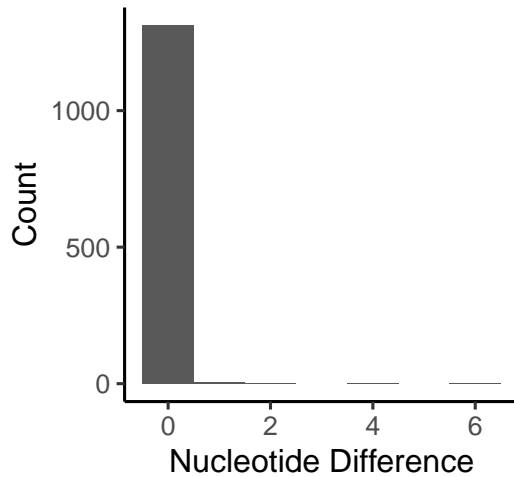
TRBV12-34*ap01

11710 sequences assigned
11657 (99.5%) exact matches, in which:
11612 unique CDR3
13 unique J



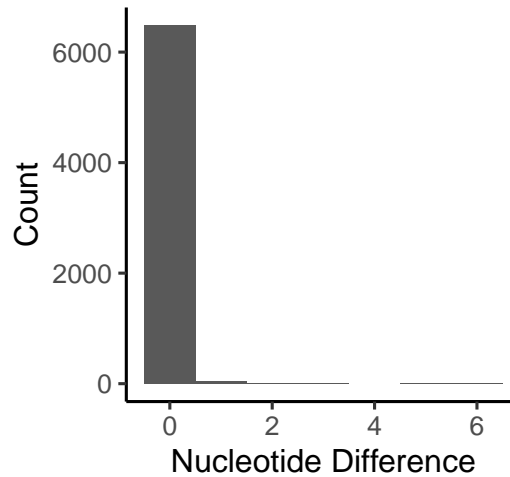
TRBV23-1*ap01

1322 sequences assigned
1312 (99.2%) exact matches, in which:
1311 unique CDR3
13 unique J



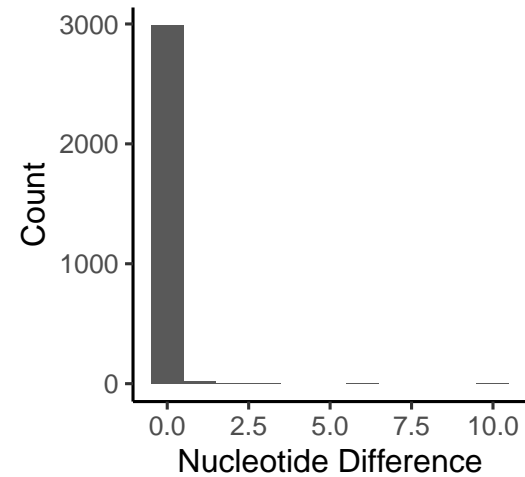
TRBV24-1*ap01

6529 sequences assigned
6483 (99.3%) exact matches, in which:
6449 unique CDR3
13 unique J



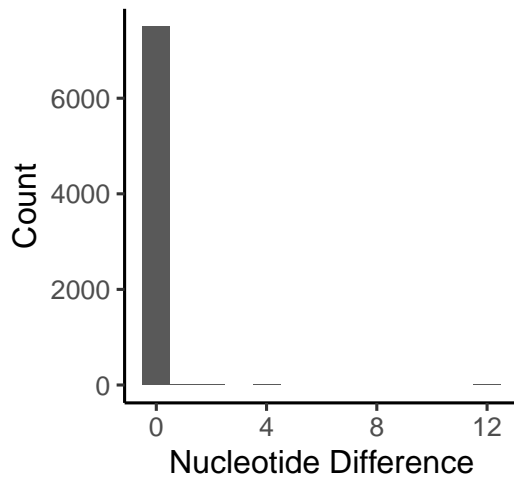
TRBV25-1*ap01

3010 sequences assigned
2988 (99.3%) exact matches, in which:
2948 unique CDR3
13 unique J



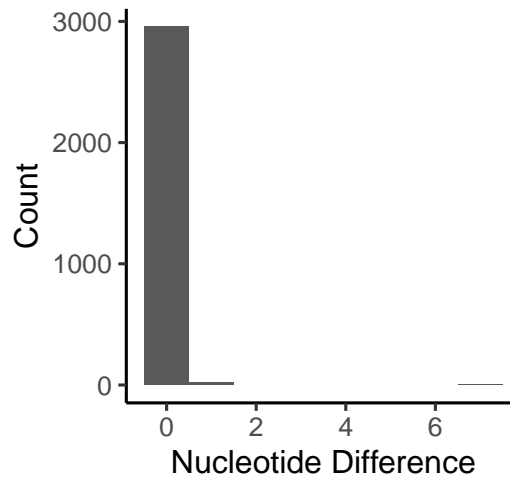
TRBV3-12*ap01

7515 sequences assigned
7496 (99.7%) exact matches, in which:
7474 unique CDR3
13 unique J



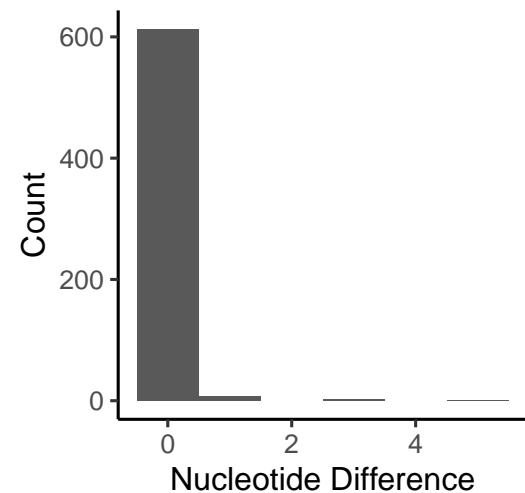
TRBV4-2*ap01

2976 sequences assigned
2956 (99.3%) exact matches, in which:
2937 unique CDR3
13 unique J



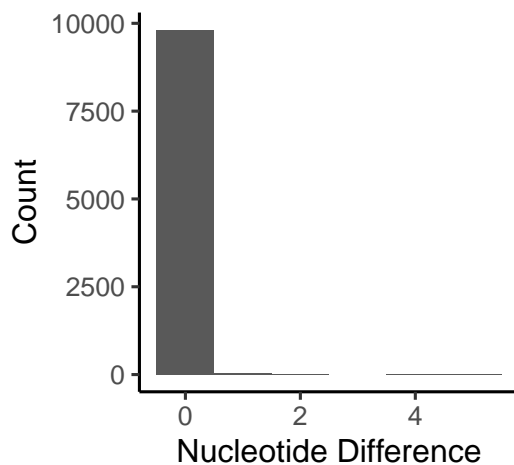
TRBV5-3*ap01

623 sequences assigned
613 (98.4%) exact matches, in which:
607 unique CDR3
13 unique J



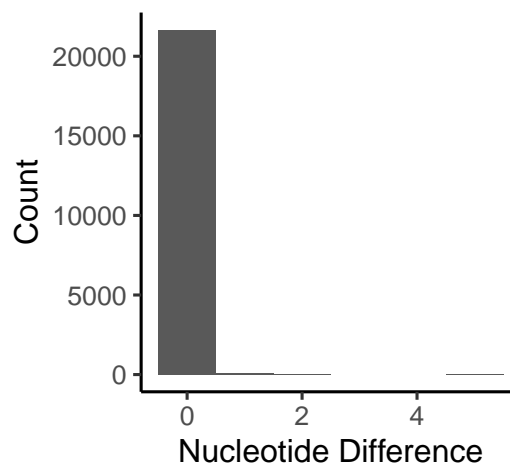
TRBV4-1*ap01

9862 sequences assigned
9816 (99.5%) exact matches, in which:
9738 unique CDR3
13 unique J



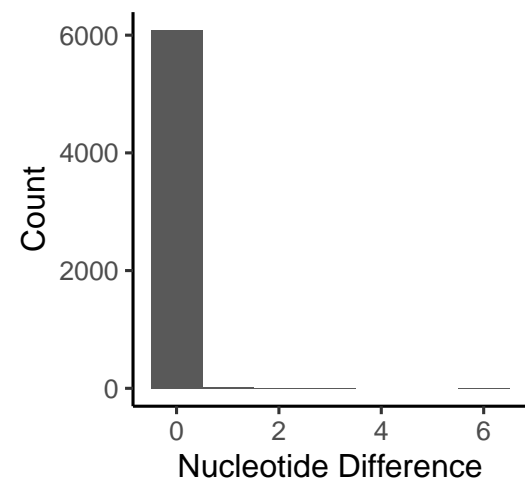
TRBV5-1*ap01

21740 sequences assigned
21663 (99.6%) exact matches, in which:
21496 unique CDR3
13 unique J



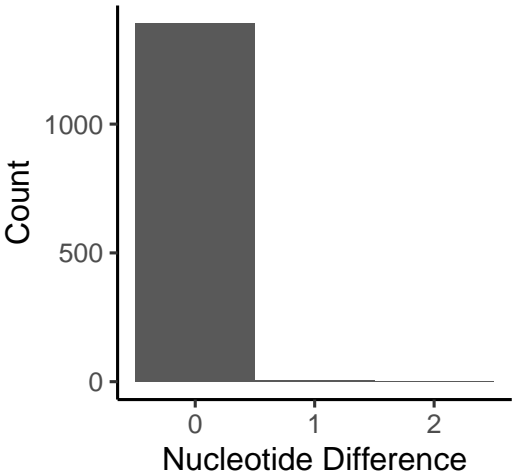
TRBV5-4*ap01

6116 sequences assigned
6087 (99.5%) exact matches, in which:
6043 unique CDR3
13 unique J



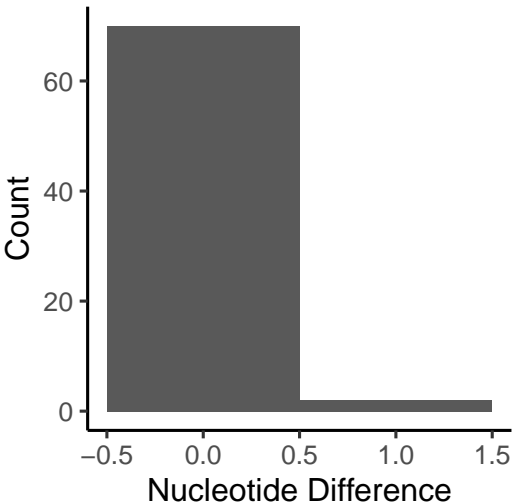
TRBV5-5*ap01

1397 sequences assigned
1391 (99.6%) exact matches, in which:
1387 unique CDR3
13 unique J



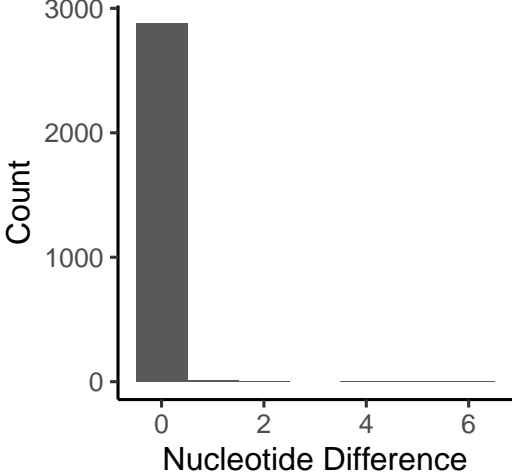
TRBV5-7*ap01_G290A

72 sequences assigned
70 (97.2%) exact matches, in which:
67 unique CDR3
12 unique J



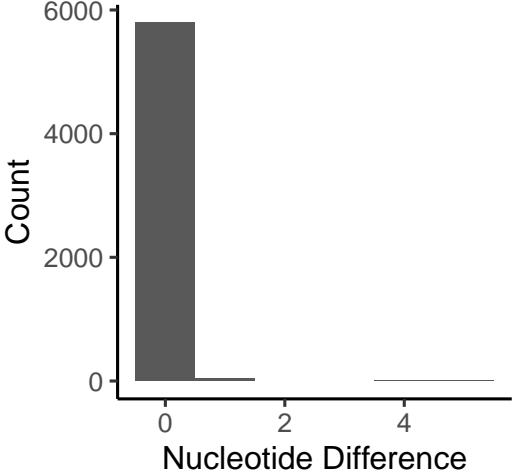
TRBV6-4*ap01

2896 sequences assigned
2879 (99.4%) exact matches, in which:
2869 unique CDR3
14 unique J



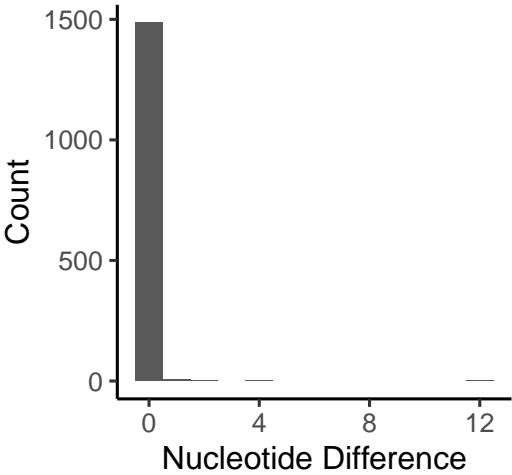
TRBV5-6*ap01

5837 sequences assigned
5794 (99.3%) exact matches, in which:
5707 unique CDR3
13 unique J



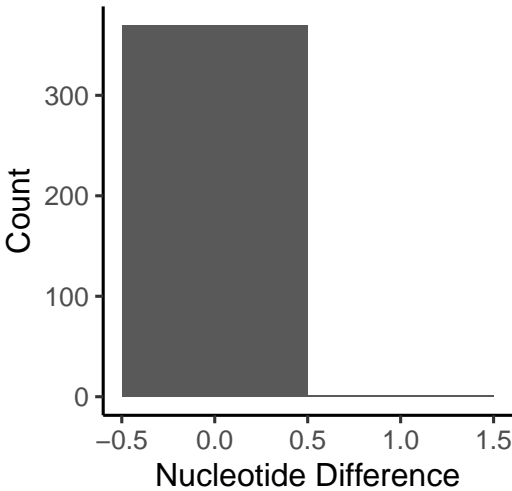
TRBV5-8*ap01

1497 sequences assigned
1486 (99.3%) exact matches, in which:
1482 unique CDR3
13 unique J



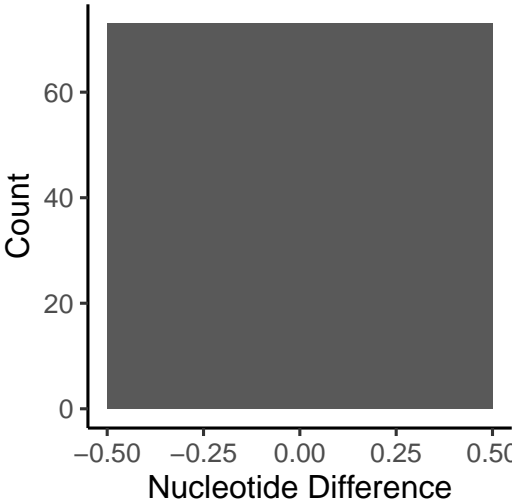
TRBV6-7*ap01

371 sequences assigned
370 (99.7%) exact matches, in which:
367 unique CDR3
13 unique J



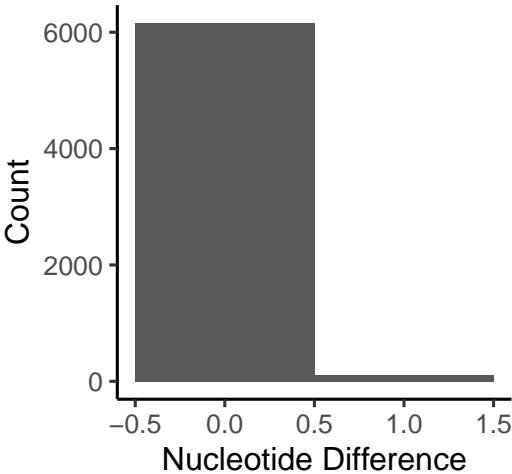
TRBV5-7*ap01

73 sequences assigned
73 (100%) exact matches, in which:
71 unique CDR3
13 unique J



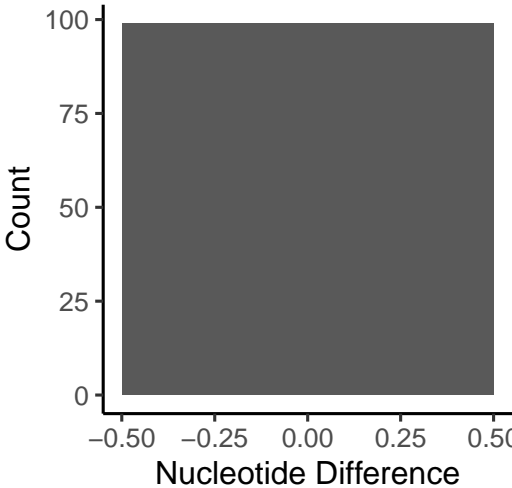
TRBV6-1*ap01

6268 sequences assigned
6158 (98.2%) exact matches, in which:
6117 unique CDR3
13 unique J



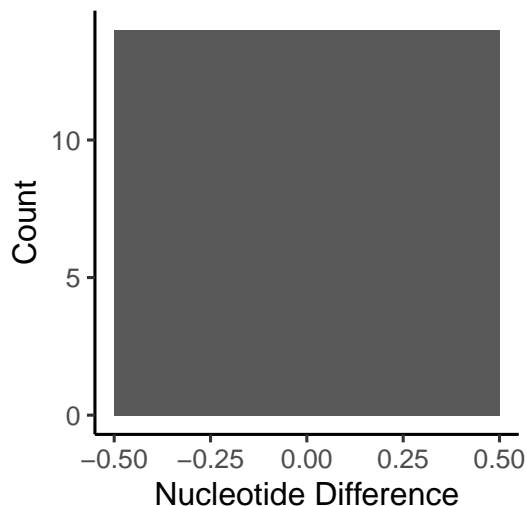
TRBV6-8*ap01

99 sequences assigned
99 (100%) exact matches, in which:
99 unique CDR3
12 unique J



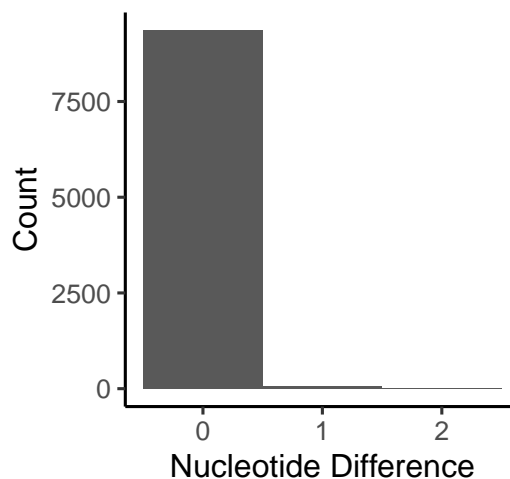
TRBV6–8*ap01_A293G

14 sequences assigned
14 (100%) exact matches, in which:
14 unique CDR3
8 unique J



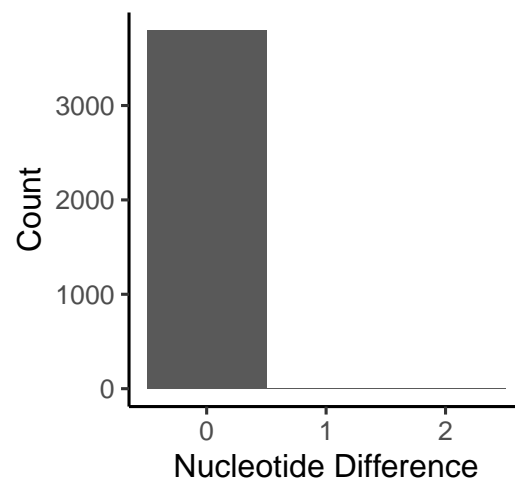
TRBV6–56*ap01

9412 sequences assigned
9357 (99.4%) exact matches, in which:
9260 unique CDR3
13 unique J



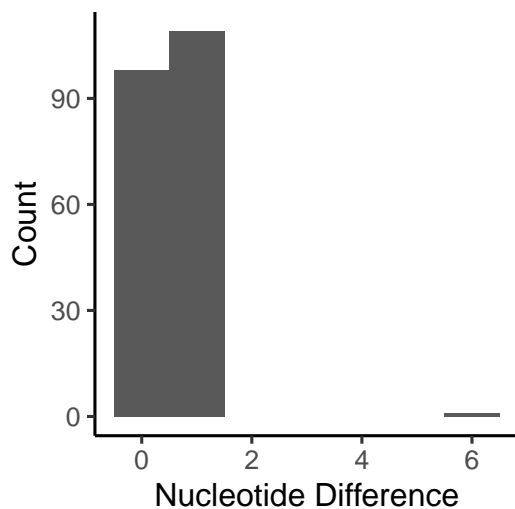
TRBV7–2*ap01

3805 sequences assigned
3796 (99.8%) exact matches, in which:
3780 unique CDR3
13 unique J



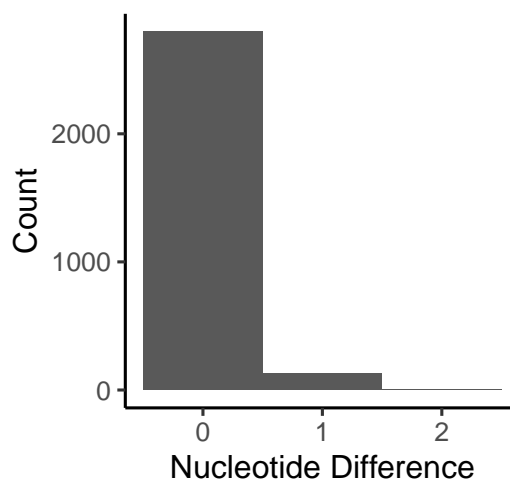
TRBV6–9*ap01

208 sequences assigned
98 (47.1%) exact matches, in which:
97 unique CDR3
11 unique J



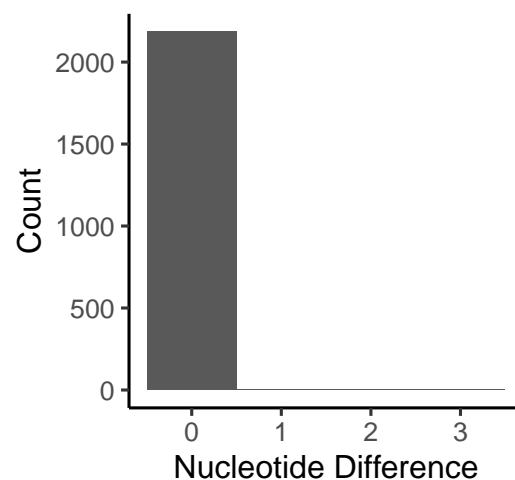
TRBV6–56*ap02

2930 sequences assigned
2797 (95.5%) exact matches, in which:
2776 unique CDR3
13 unique J



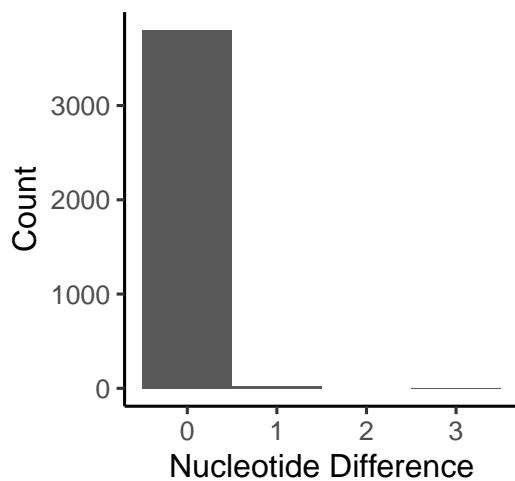
TRBV7–3*ap01

2194 sequences assigned
2185 (99.6%) exact matches, in which:
2180 unique CDR3
13 unique J



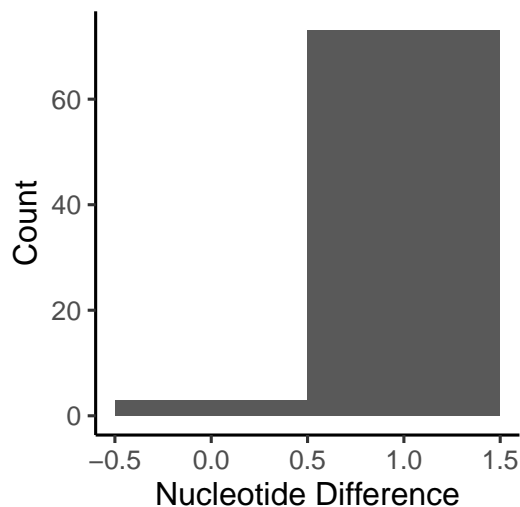
TRBV6–23*ap01

3825 sequences assigned
3801 (99.4%) exact matches, in which:
3757 unique CDR3
14 unique J



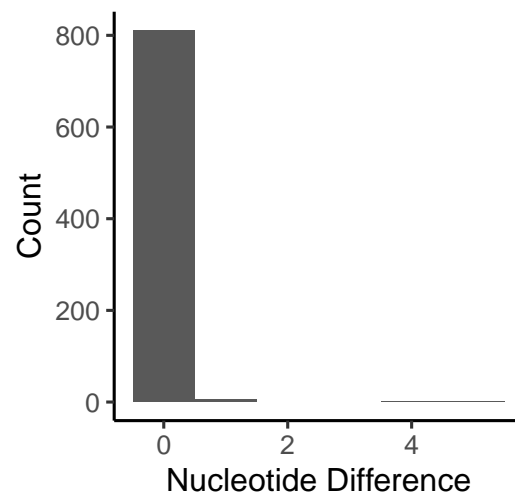
TRBV7–1*ap01_T296C

76 sequences assigned
3 (3.9%) exact matches, in which:
3 unique CDR3
2 unique J



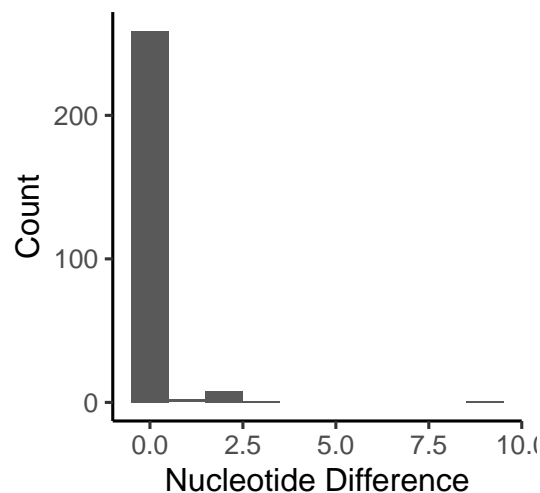
TRBV7–3*ap03

818 sequences assigned
811 (99.1%) exact matches, in which:
804 unique CDR3
13 unique J



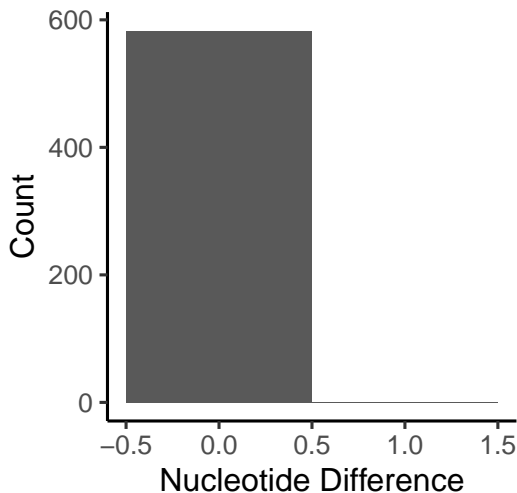
TRBV7-4*ap01

271 sequences assigned
259 (95.6%) exact matches, in which:
258 unique CDR3
13 unique J



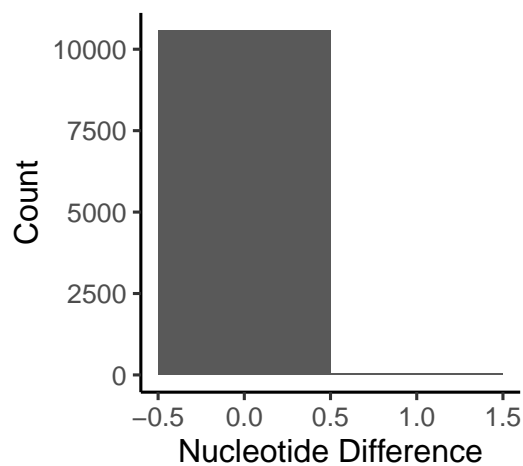
TRBV7-7*ap01_C315T

584 sequences assigned
583 (99.8%) exact matches, in which:
580 unique CDR3
13 unique J



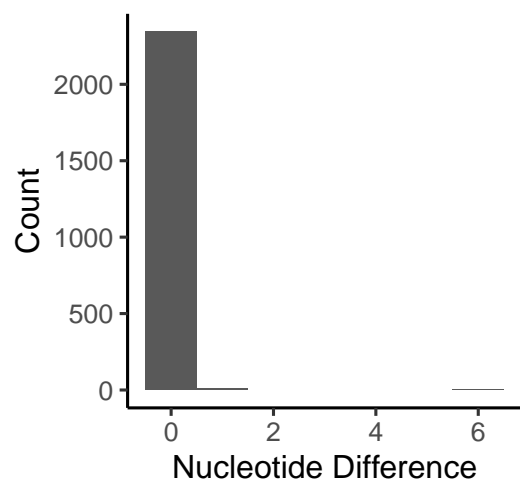
TRBV7-9*ap01

10622 sequences assigned
10586 (99.7%) exact matches, in which:
10532 unique CDR3
13 unique J



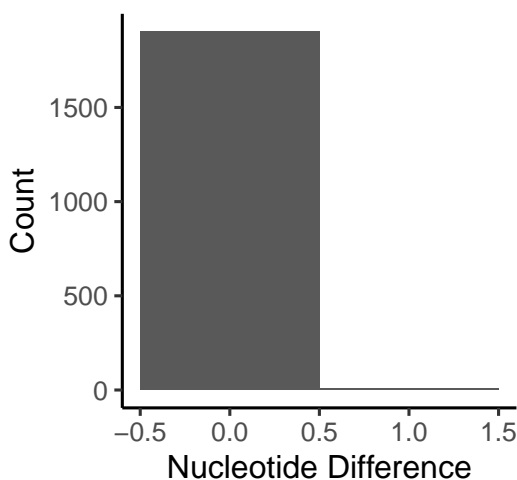
TRBV7-6*ap01

2354 sequences assigned
2344 (99.6%) exact matches, in which:
2338 unique CDR3
13 unique J



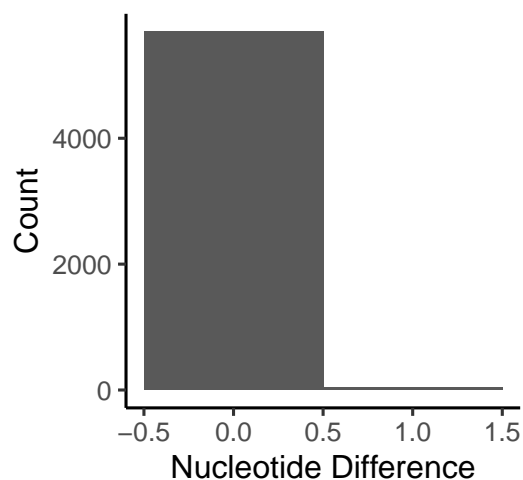
TRBV7-8*ap01

1908 sequences assigned
1902 (99.7%) exact matches, in which:
1891 unique CDR3
13 unique J



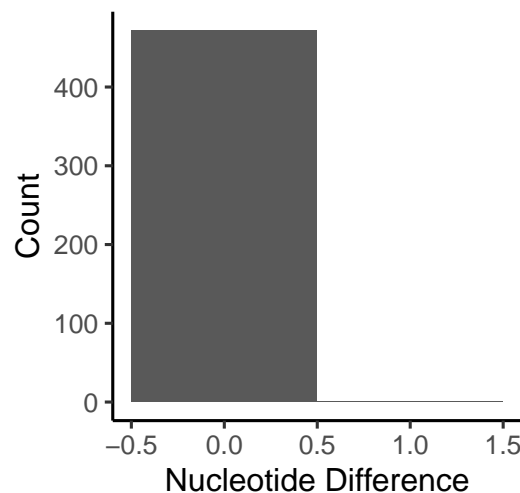
TRBV29-1*ap01

5734 sequences assigned
5693 (99.3%) exact matches, in which:
5611 unique CDR3
13 unique J



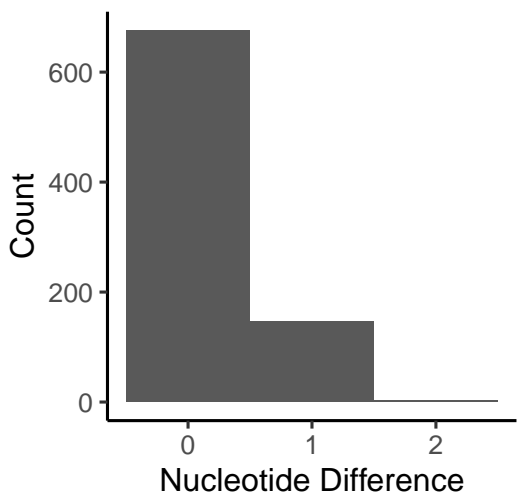
TRBV7-7*ap01

473 sequences assigned
472 (99.8%) exact matches, in which:
470 unique CDR3
12 unique J



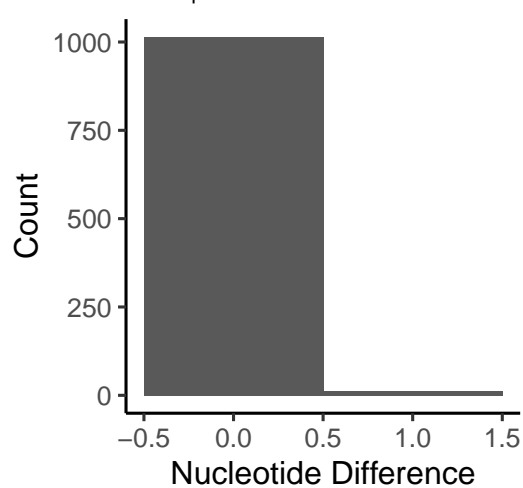
TRBV7-8*ap03

826 sequences assigned
676 (81.8%) exact matches, in which:
672 unique CDR3
13 unique J

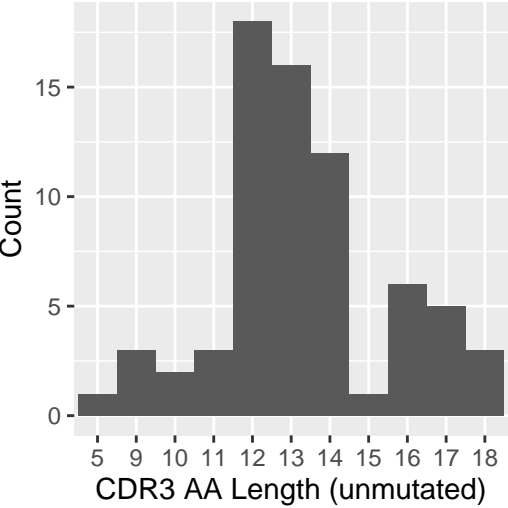


TRBV29-1*ap02

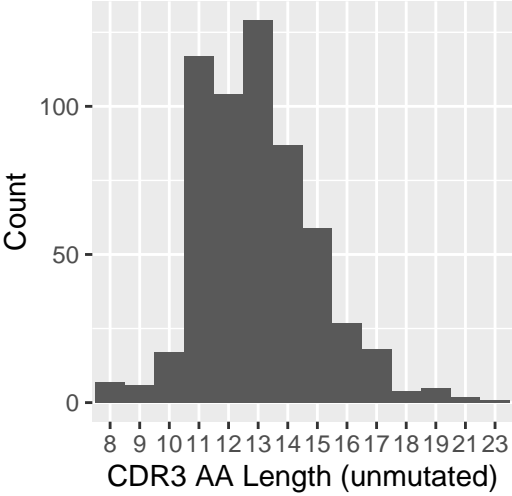
1026 sequences assigned
1014 (98.8%) exact matches, in which:
997 unique CDR3
13 unique J



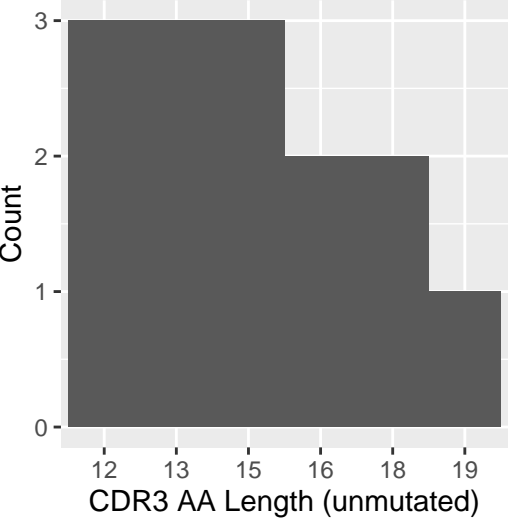
TRBV5-7*ap01_G290A



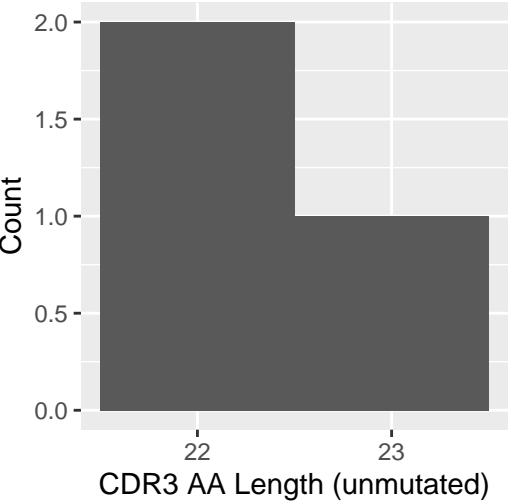
TRBV7-7*ap01_C315T



TRBV6-8*ap01_A293G



TRBV7-1*ap01_T296C





Warning – no inferred sequences found.