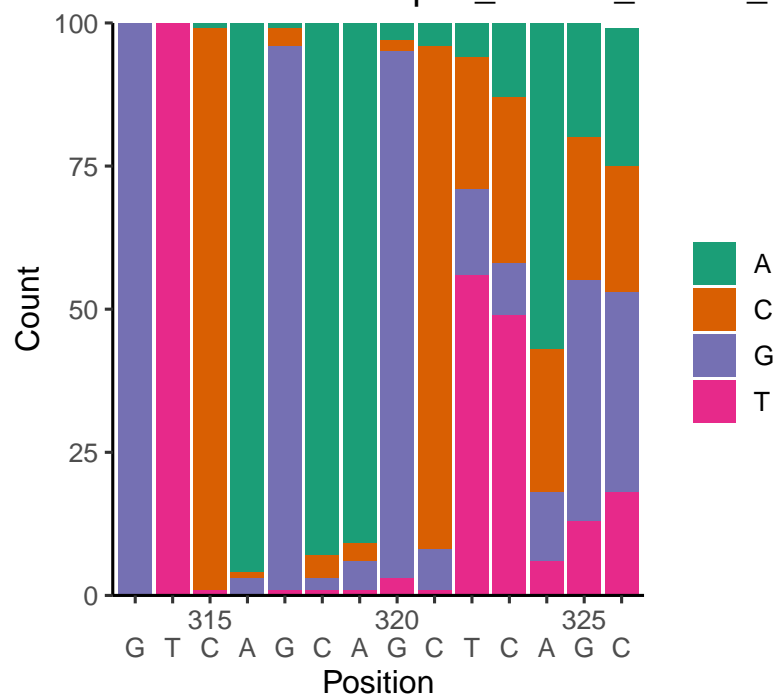
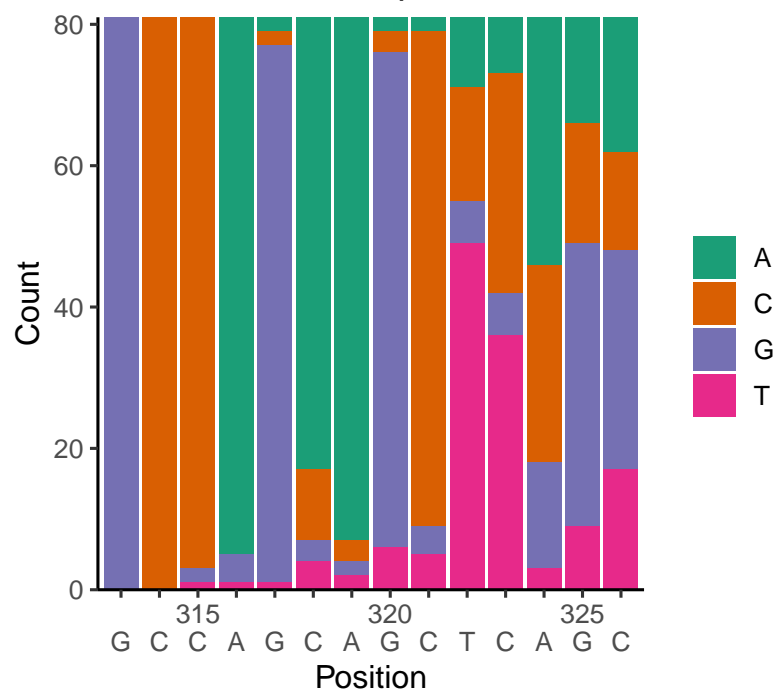


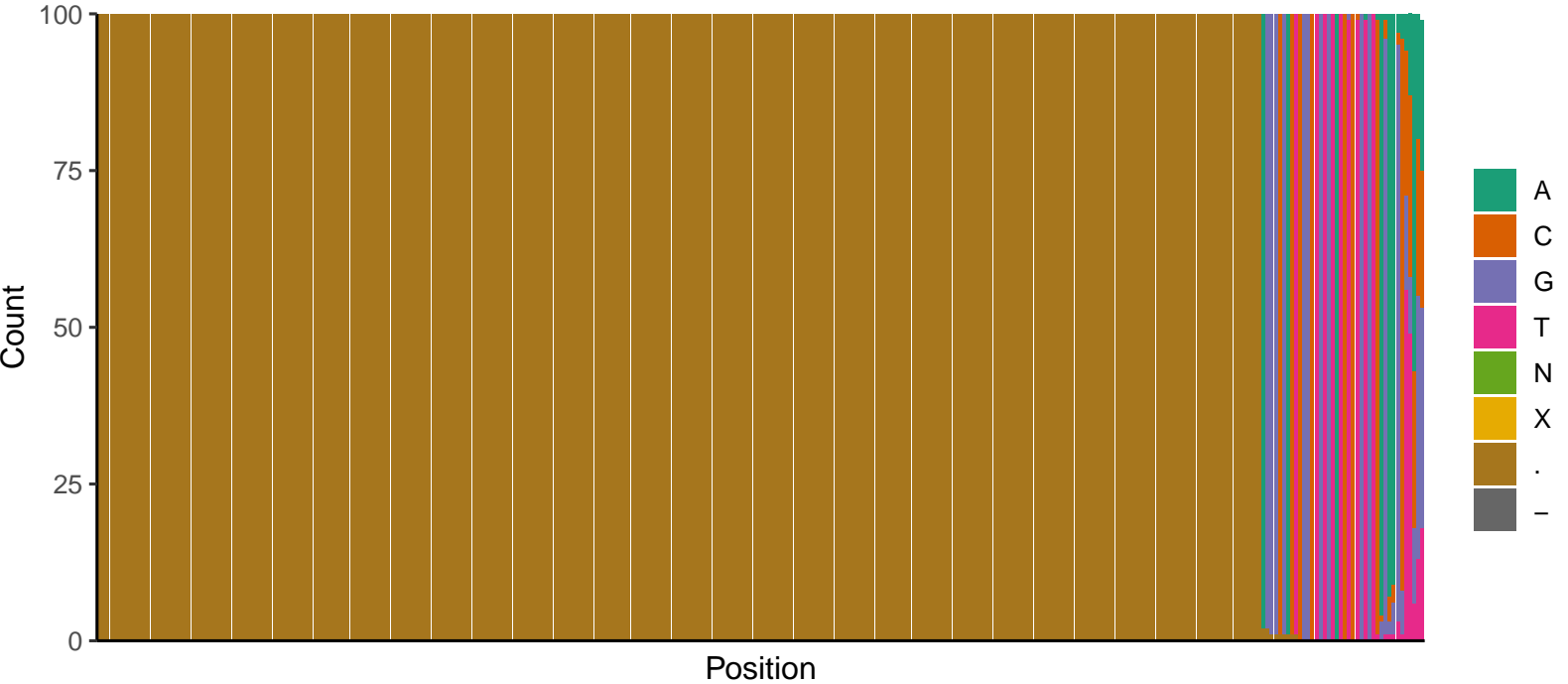
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C



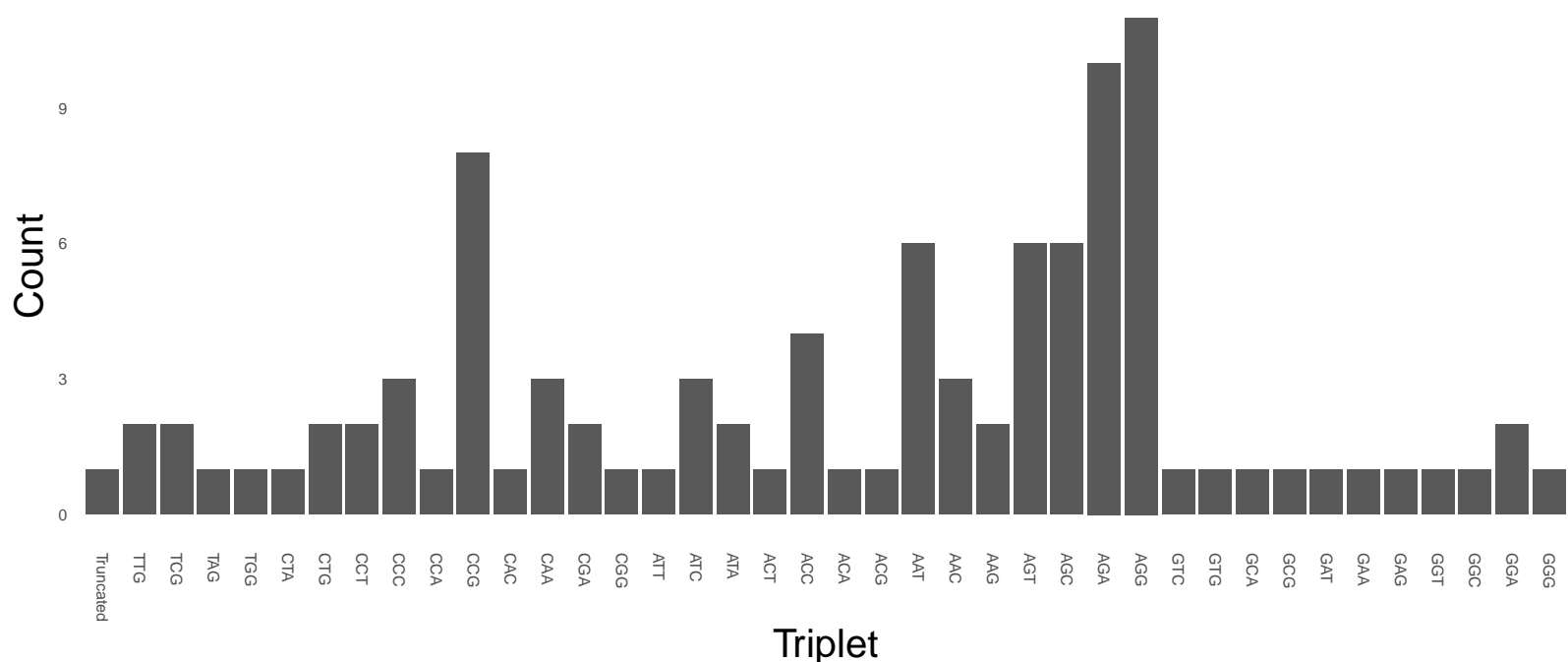
Gene TRBV7-1*ap01_G291C_T296C_C314T



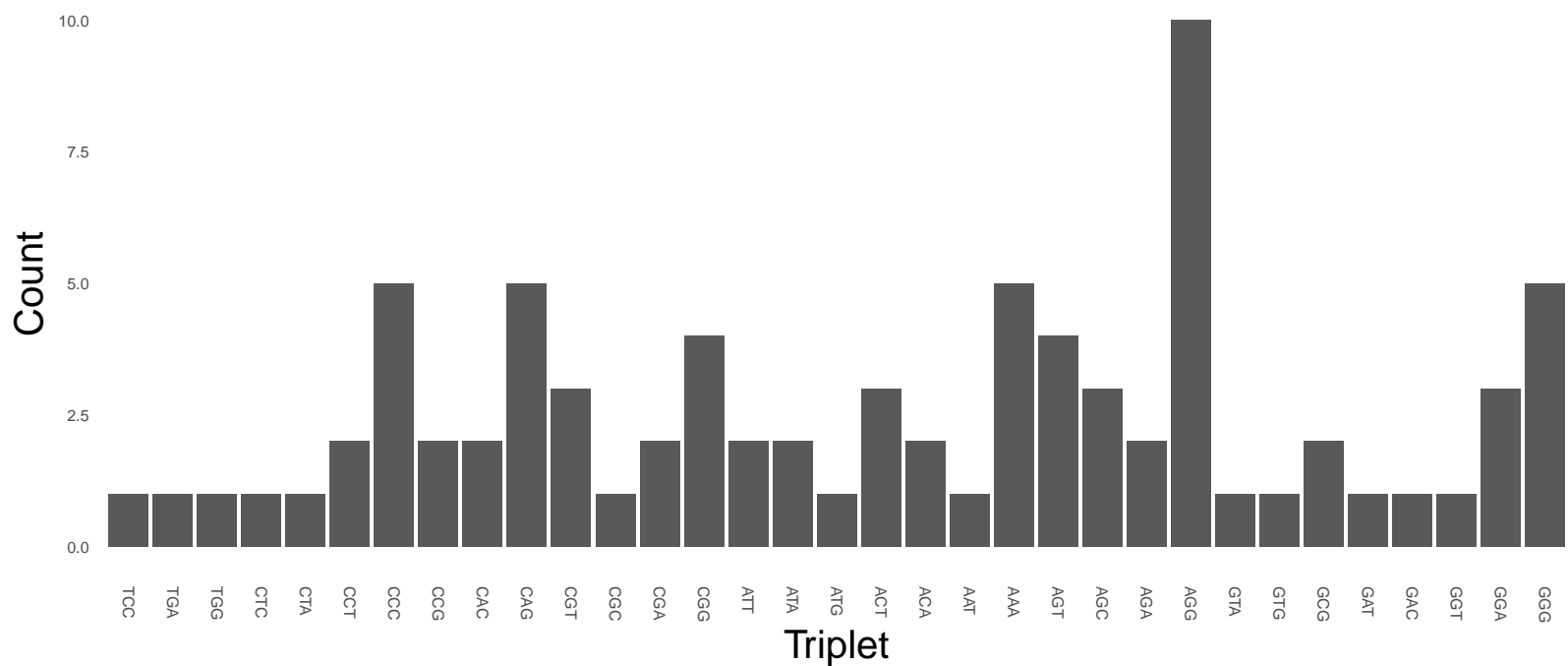
Gene TRBV7-1*ap01_G291C_T296C



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

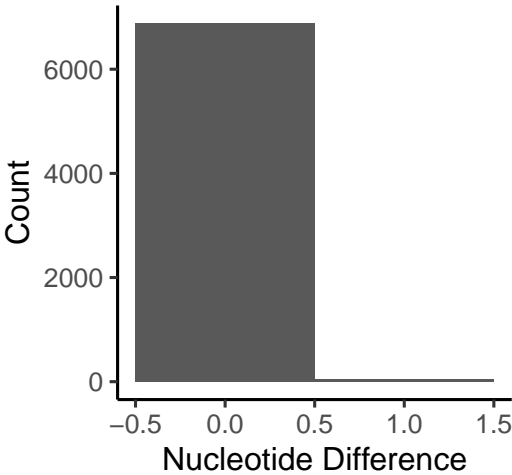


TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



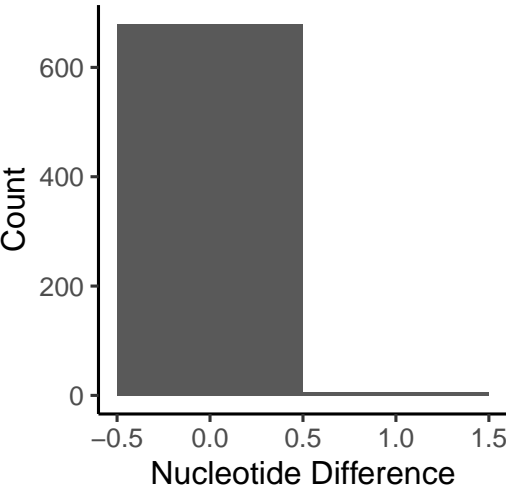
TRBV20-1*ap01

6937 sequences assigned
6880 (99.2%) exact matches, in which:
6829 unique CDR3
13 unique J



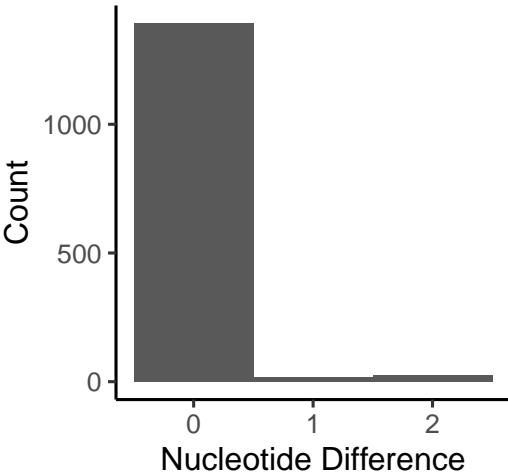
TRBV10-2*ap01

686 sequences assigned
680 (99.1%) exact matches, in which:
670 unique CDR3
13 unique J



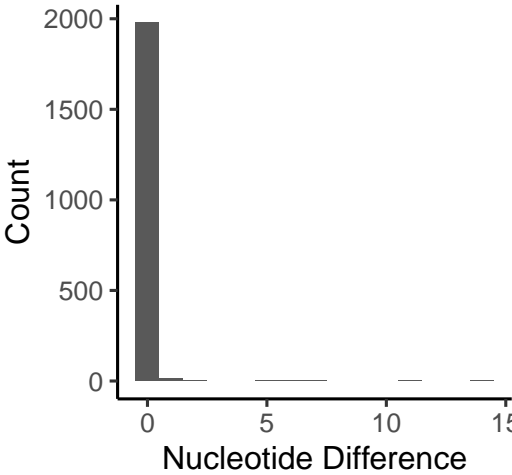
TRBV13*ap01

1434 sequences assigned
1392 (97.1%) exact matches, in which:
1360 unique CDR3
13 unique J



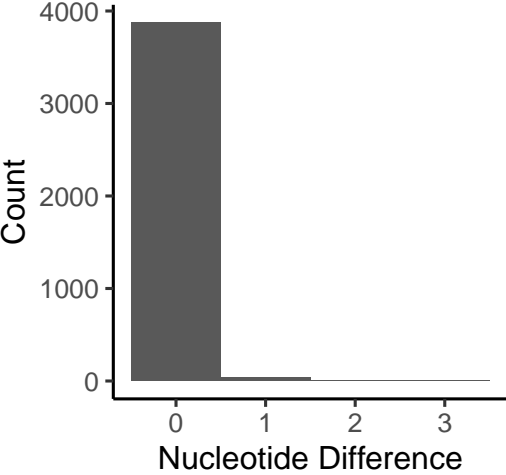
TRBV10-1*ap01

1999 sequences assigned
1978 (98.9%) exact matches, in which:
1940 unique CDR3
13 unique J



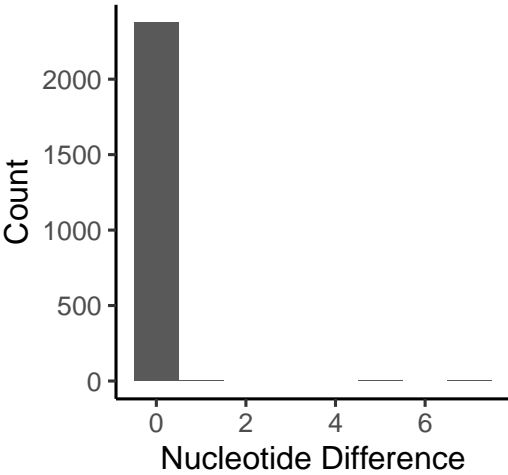
TRBV10-3*ap01

3911 sequences assigned
3873 (99%) exact matches, in which:
3837 unique CDR3
13 unique J



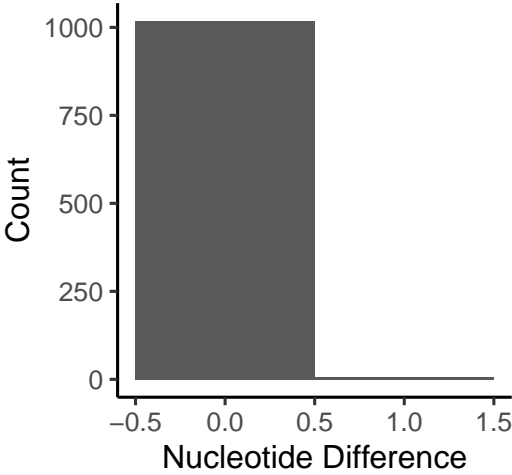
TRBV14*ap01

2383 sequences assigned
2374 (99.6%) exact matches, in which:
2350 unique CDR3
13 unique J



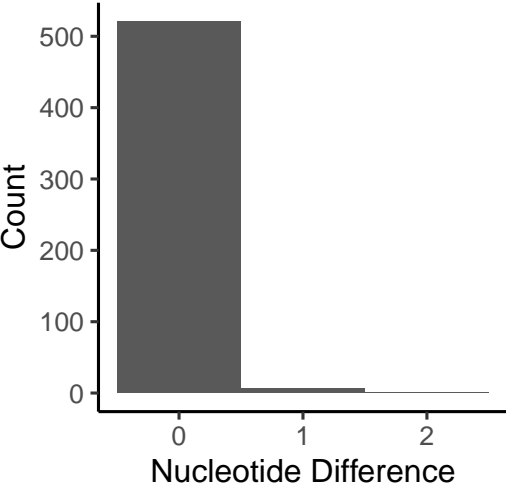
TRBV20-1*ap02

1025 sequences assigned
1018 (99.3%) exact matches, in which:
1006 unique CDR3
13 unique J



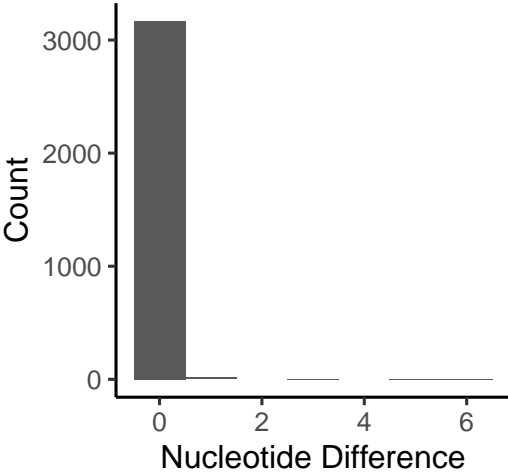
TRBV1*ap01

528 sequences assigned
521 (98.7%) exact matches, in which:
518 unique CDR3
13 unique J



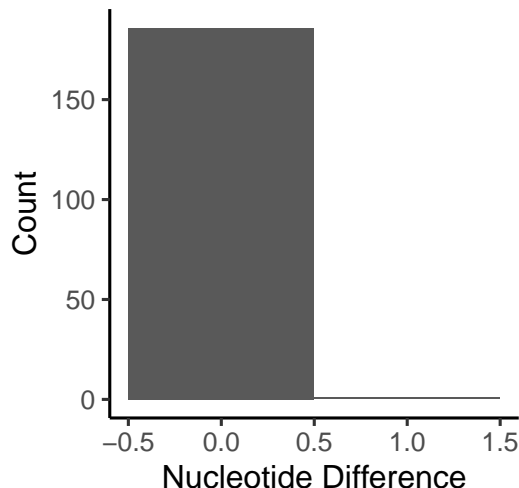
TRBV15*ap02

3187 sequences assigned
3168 (99.4%) exact matches, in which:
3136 unique CDR3
13 unique J



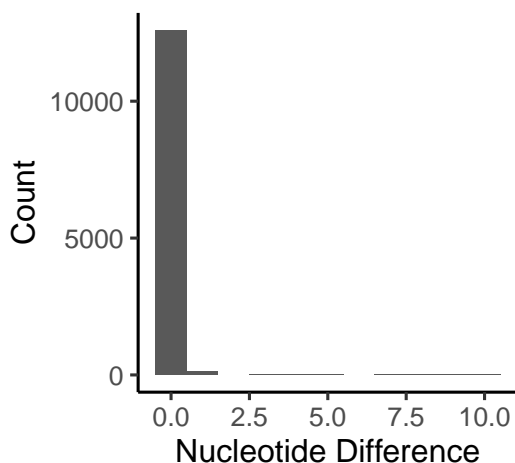
TRBV16*ap01

187 sequences assigned
186 (99.5%) exact matches, in which:
186 unique CDR3
12 unique J



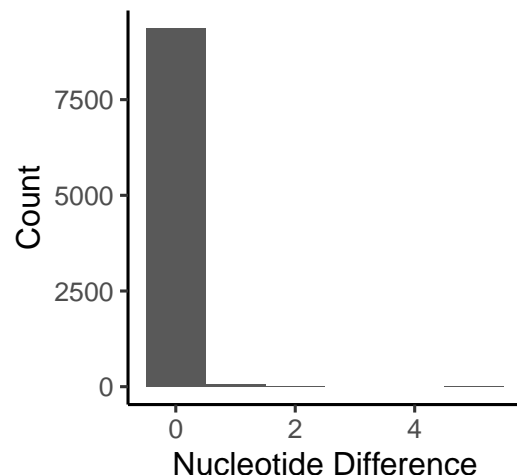
TRBV19*ap01

12731 sequences assigned
12596 (98.9%) exact matches, in which:
12525 unique CDR3
13 unique J



TRBV28*ap01

9441 sequences assigned
9361 (99.2%) exact matches, in which:
9286 unique CDR3
13 unique J



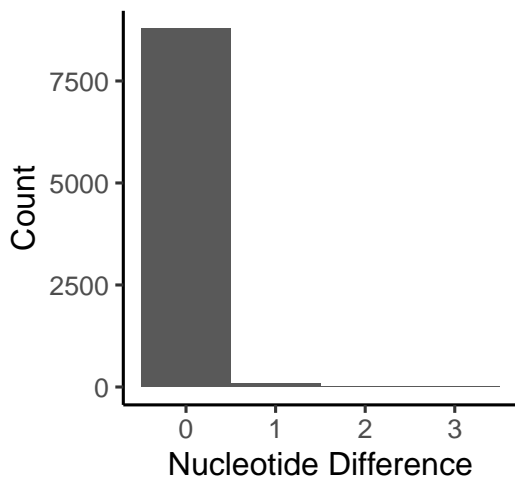
TRBV17*ap01

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



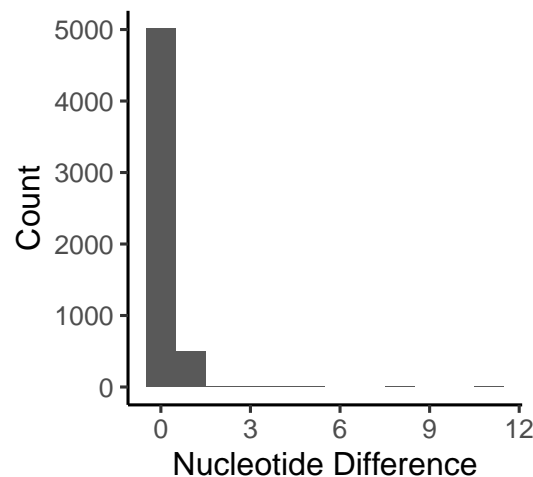
TRBV2*ap01

8870 sequences assigned
8780 (99%) exact matches, in which:
8668 unique CDR3
13 unique J



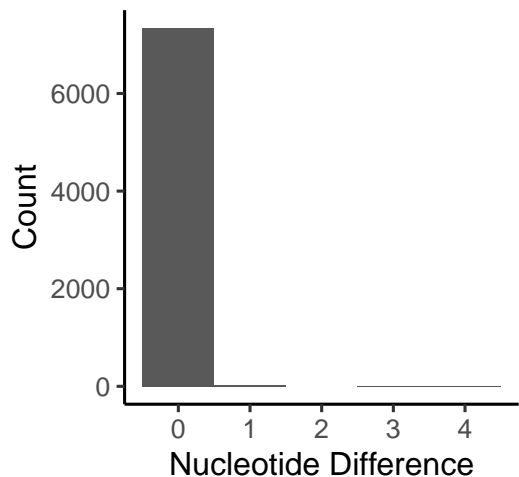
TRBV30*ap01

5518 sequences assigned
5011 (90.8%) exact matches, in which:
4913 unique CDR3
13 unique J



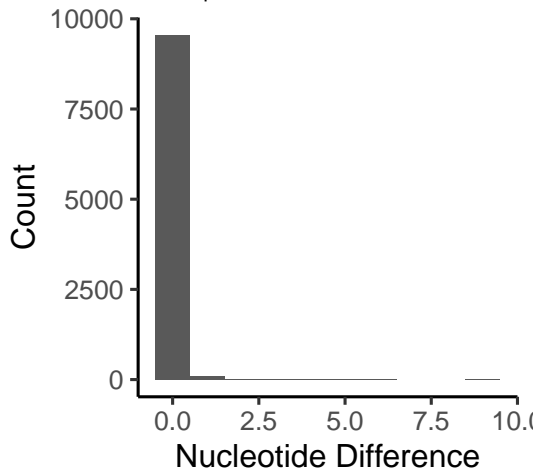
TRBV18*ap01

7369 sequences assigned
7341 (99.6%) exact matches, in which:
7308 unique CDR3
13 unique J



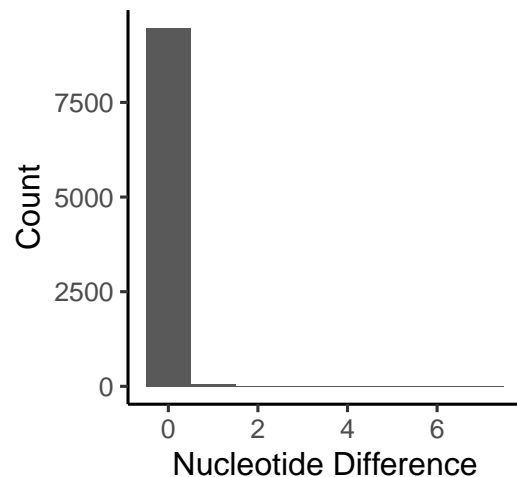
TRBV27*ap01

9659 sequences assigned
9557 (98.9%) exact matches, in which:
9458 unique CDR3
13 unique J



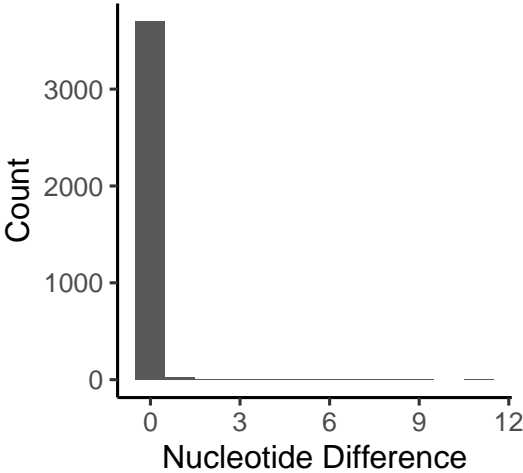
TRBV9*ap01

9538 sequences assigned
9464 (99.2%) exact matches, in which:
9378 unique CDR3
13 unique J



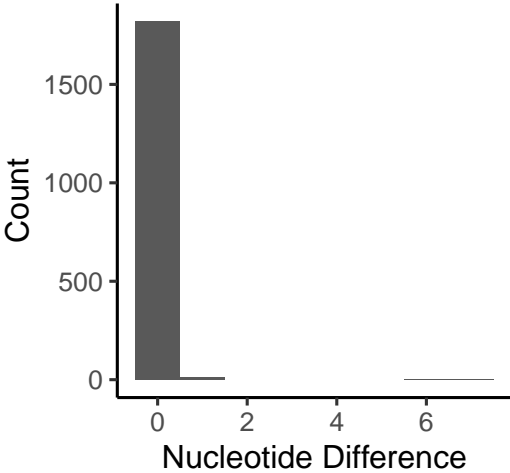
TRBV21-1*ap01

3754 sequences assigned
3699 (98.5%) exact matches, in which:
3681 unique CDR3
13 unique J



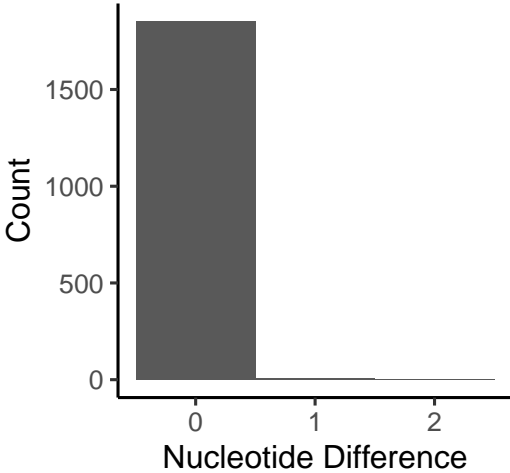
TRBV11-3*ap01

1833 sequences assigned
1820 (99.3%) exact matches, in which:
1814 unique CDR3
13 unique J



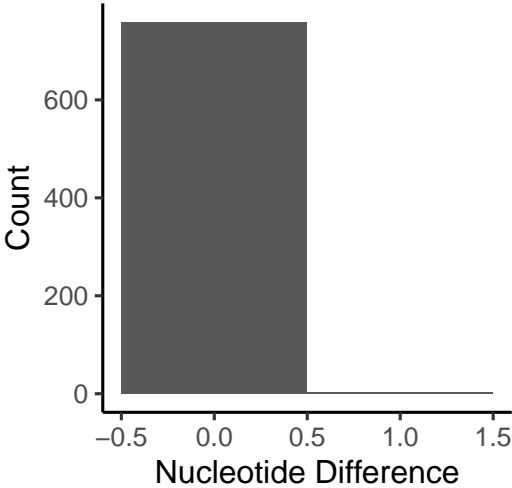
TRBV12-5*ap01

1863 sequences assigned
1852 (99.4%) exact matches, in which:
1829 unique CDR3
13 unique J



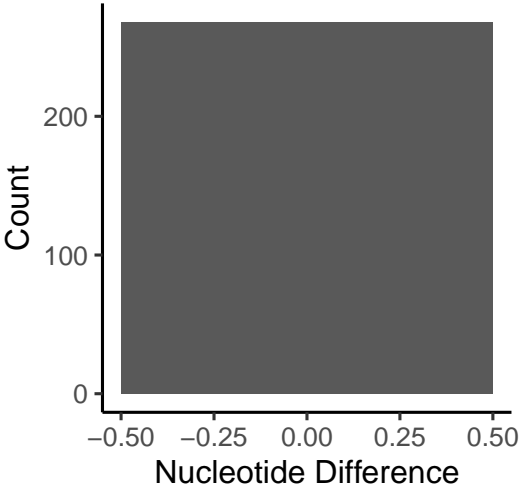
TRBV11-1*ap01

763 sequences assigned
759 (99.5%) exact matches, in which:
752 unique CDR3
13 unique J



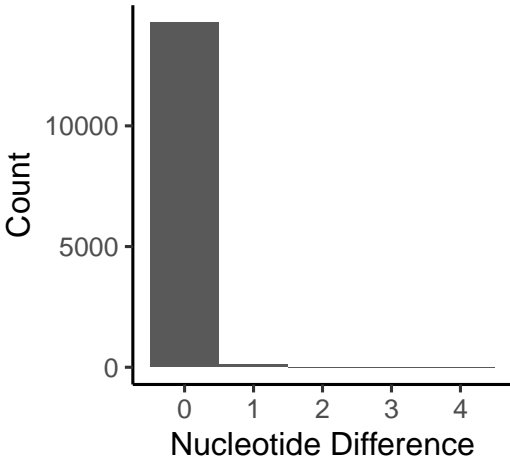
TRBV12-1*ap01

268 sequences assigned
268 (100%) exact matches, in which:
264 unique CDR3
13 unique J



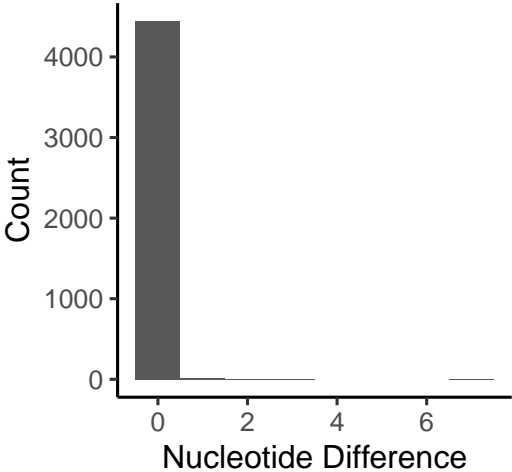
TRBV12-34*ap01

14415 sequences assigned
14284 (99.1%) exact matches, in which:
14132 unique CDR3
13 unique J



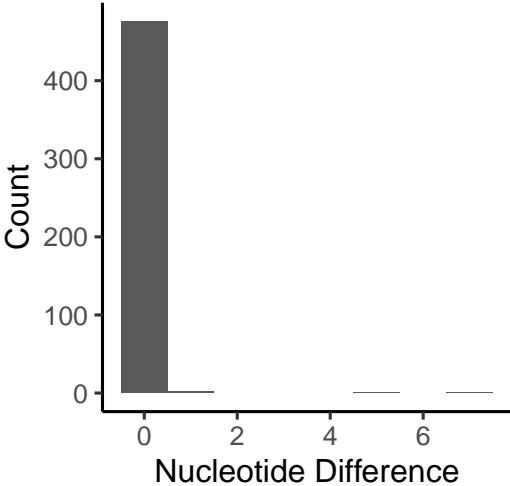
TRBV11-2*ap01

4466 sequences assigned
4445 (99.5%) exact matches, in which:
4417 unique CDR3
13 unique J



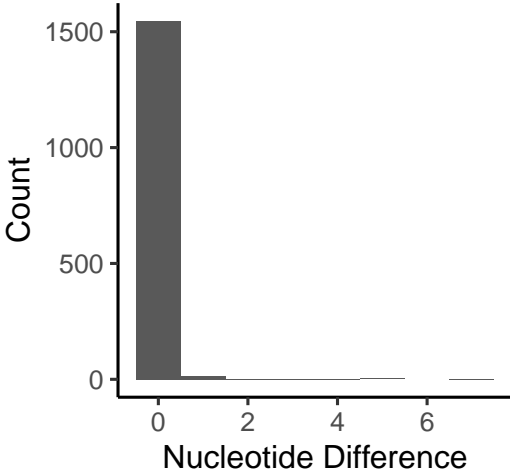
TRBV12-2*ap01

480 sequences assigned
476 (99.2%) exact matches, in which:
473 unique CDR3
13 unique J



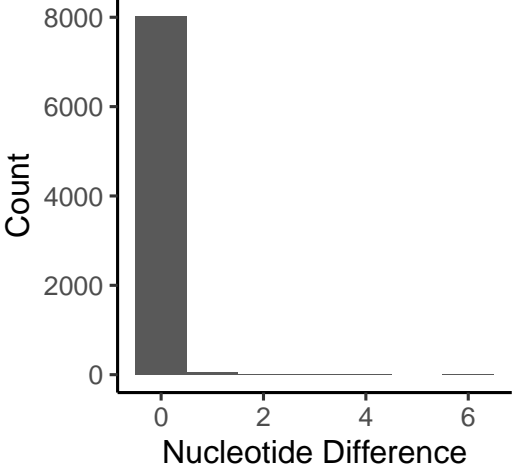
TRBV23-1*ap01

1568 sequences assigned
1546 (98.6%) exact matches, in which:
1534 unique CDR3
13 unique J



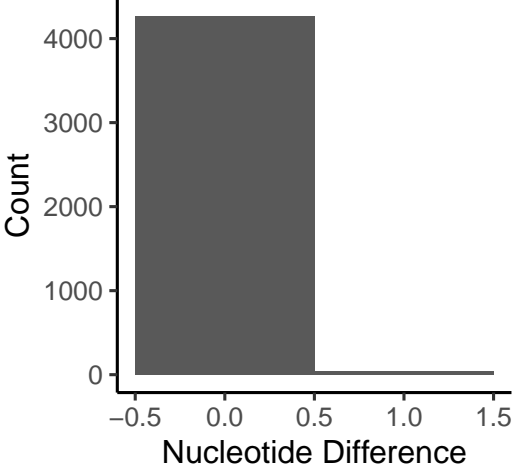
TRBV3-12*ap01

8081 sequences assigned
8019 (99.2%) exact matches, in which:
7974 unique CDR3
13 unique J



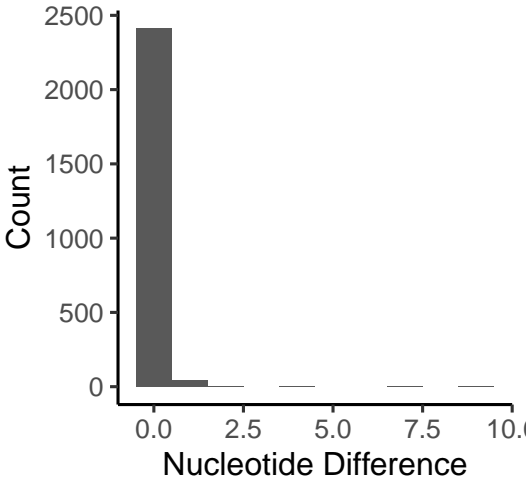
TRBV4-2*ap01

4311 sequences assigned
4264 (98.9%) exact matches, in which:
4214 unique CDR3
13 unique J



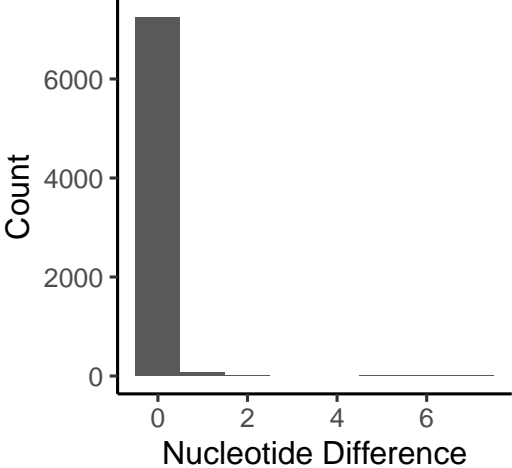
TRBV25-1*ap01

2466 sequences assigned
2412 (97.8%) exact matches, in which:
2364 unique CDR3
13 unique J



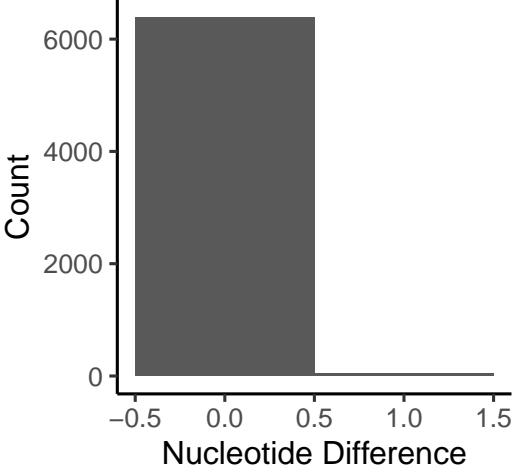
TRBV4-1*ap01

7314 sequences assigned
7237 (98.9%) exact matches, in which:
7124 unique CDR3
13 unique J



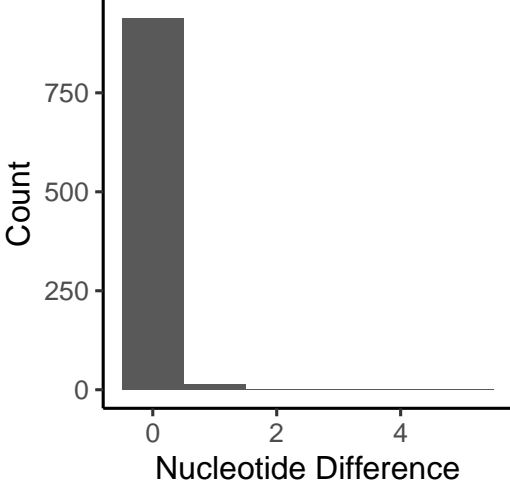
TRBV4-3*ap01

6434 sequences assigned
6381 (99.2%) exact matches, in which:
6290 unique CDR3
13 unique J



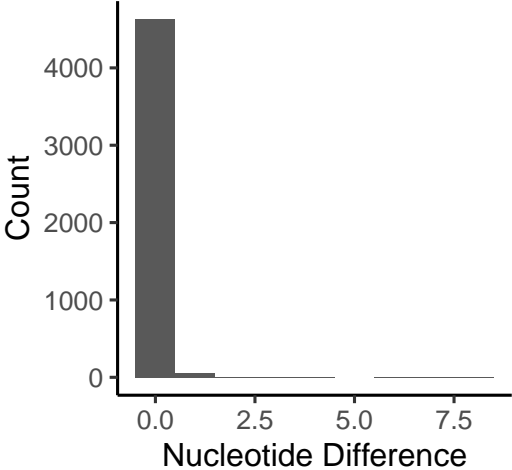
TRBV5-3*ap01

957 sequences assigned
939 (98.1%) exact matches, in which:
930 unique CDR3
13 unique J



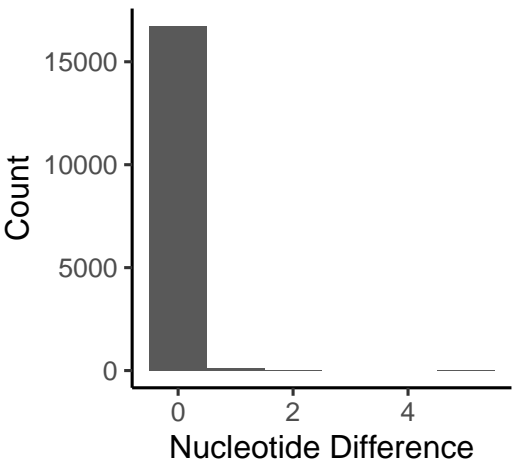
TRBV24-1*ap01

4694 sequences assigned
4631 (98.7%) exact matches, in which:
4570 unique CDR3
13 unique J



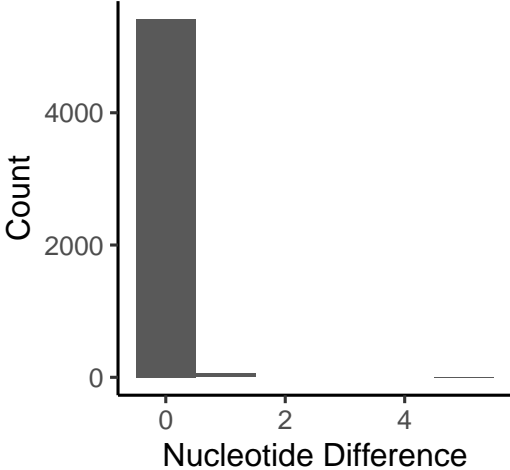
TRBV5-1*ap01

16889 sequences assigned
16748 (99.2%) exact matches, in which:
16476 unique CDR3
13 unique J



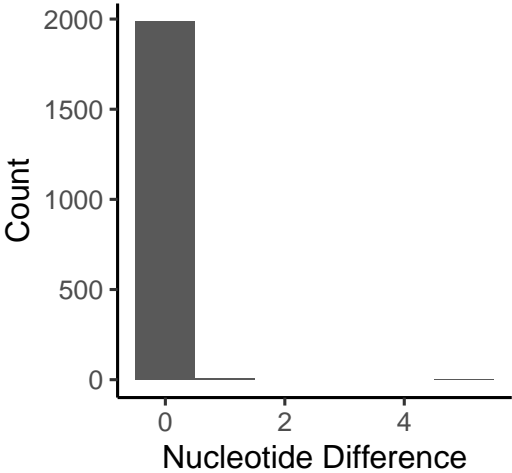
TRBV5-4*ap01

5477 sequences assigned
5417 (98.9%) exact matches, in which:
5342 unique CDR3
13 unique J



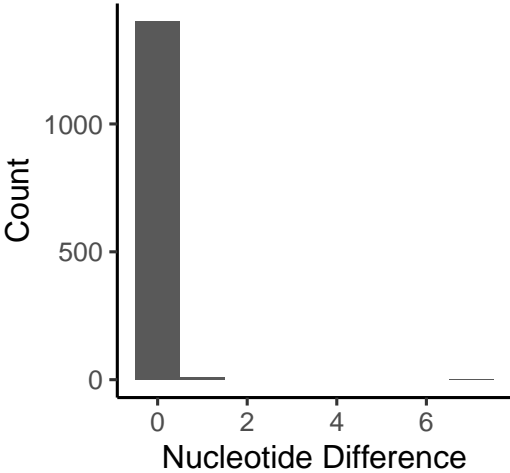
TRBV5-5*ap01

2001 sequences assigned
1987 (99.3%) exact matches, in which:
1983 unique CDR3
13 unique J



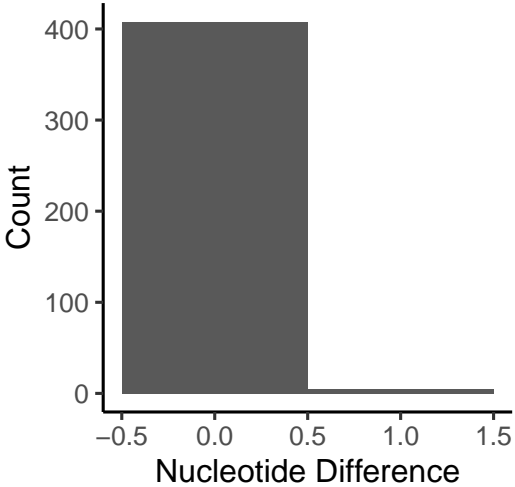
TRBV5-8*ap01

1413 sequences assigned
1401 (99.2%) exact matches, in which:
1392 unique CDR3
13 unique J



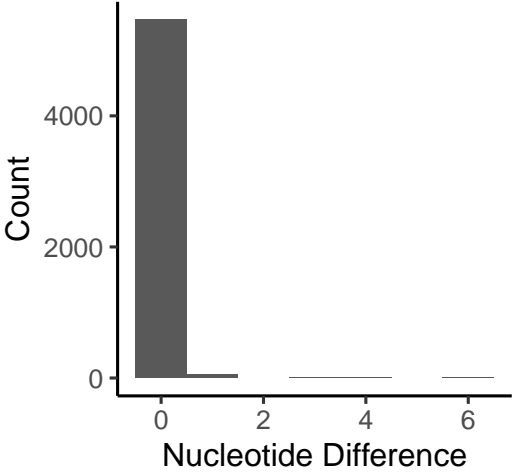
TRBV6-7*ap01

413 sequences assigned
408 (98.8%) exact matches, in which:
400 unique CDR3
13 unique J



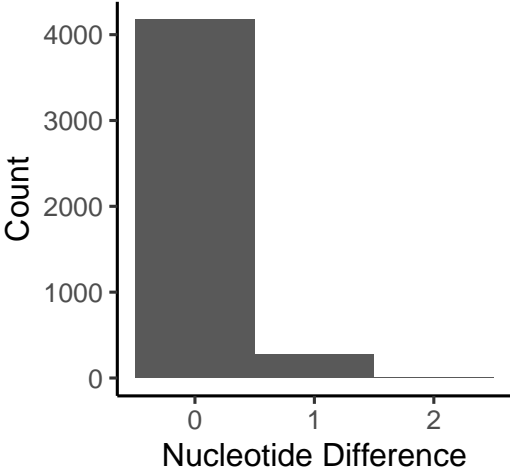
TRBV5-6*ap01

5529 sequences assigned
5467 (98.9%) exact matches, in which:
5362 unique CDR3
13 unique J



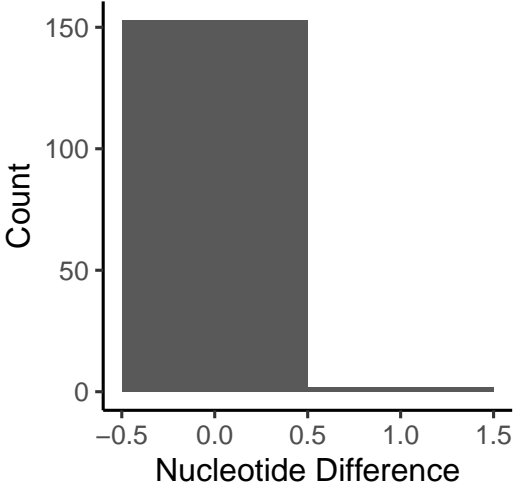
TRBV6-1*ap01

4448 sequences assigned
4174 (93.8%) exact matches, in which:
4115 unique CDR3
13 unique J



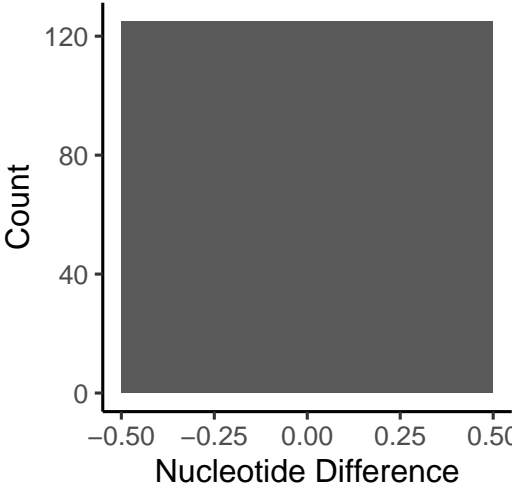
TRBV6-8*ap01

155 sequences assigned
153 (98.7%) exact matches, in which:
151 unique CDR3
12 unique J



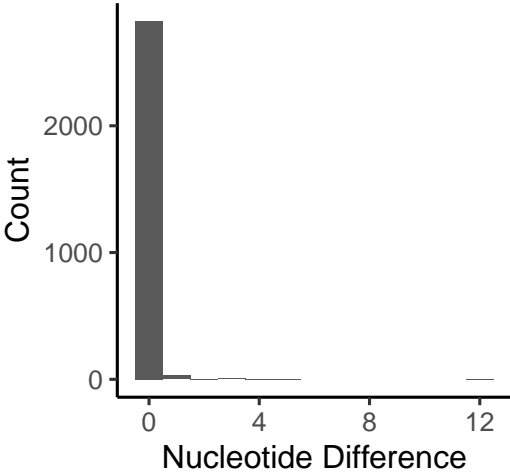
TRBV5-7*ap01

125 sequences assigned
125 (100%) exact matches, in which:
123 unique CDR3
13 unique J



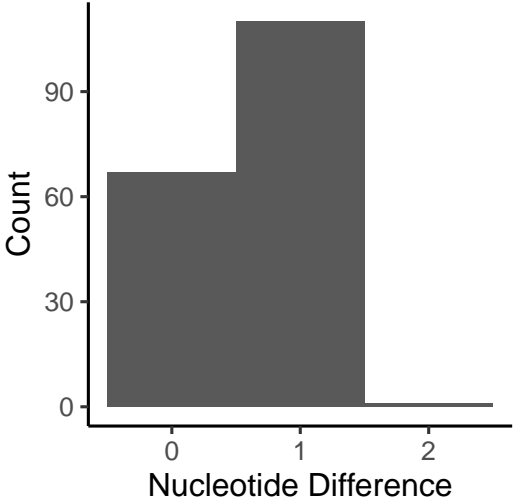
TRBV6-4*ap01

2867 sequences assigned
2826 (98.6%) exact matches, in which:
2802 unique CDR3
13 unique J



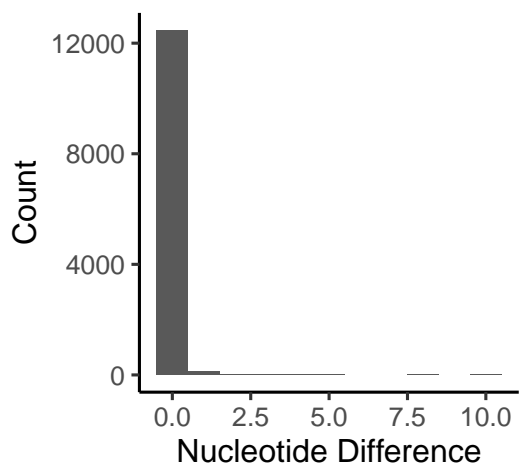
TRBV6-9*ap01

178 sequences assigned
67 (37.6%) exact matches, in which:
67 unique CDR3
12 unique J



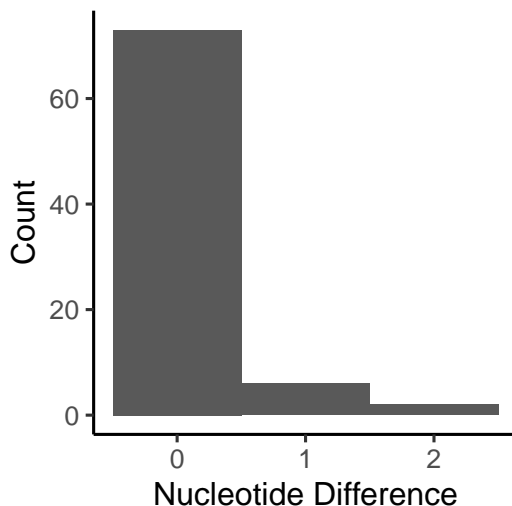
TRBV6-23*ap01

12633 sequences assigned
12471 (98.7%) exact matches, in which:
12198 unique CDR3
13 unique J



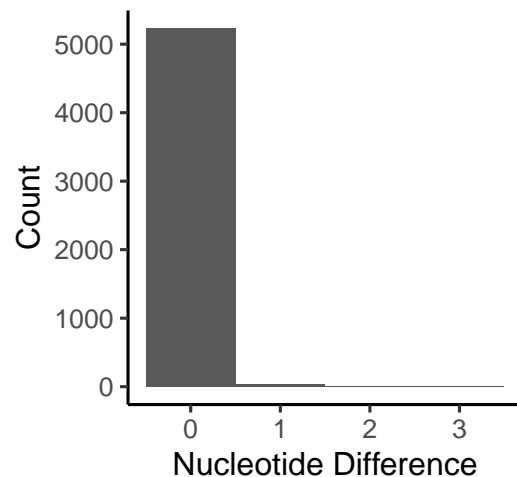
TRBV7-1*ap01_G291C_T

81 sequences assigned
73 (90.1%) exact matches, in which:
73 unique CDR3
12 unique J



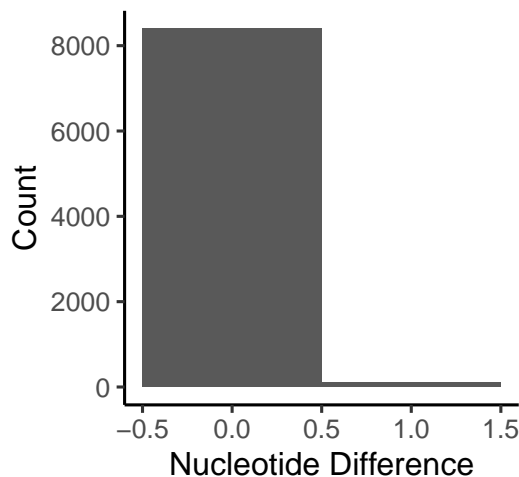
TRBV7-3*ap01

5264 sequences assigned
5230 (99.4%) exact matches, in which:
5194 unique CDR3
13 unique J



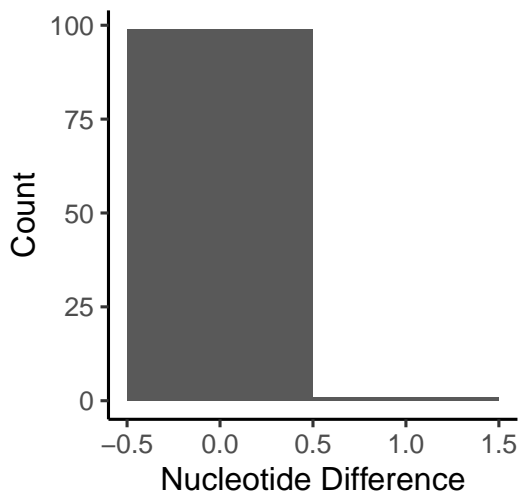
TRBV6-56*ap01

8494 sequences assigned
8397 (98.9%) exact matches, in which:
8229 unique CDR3
13 unique J



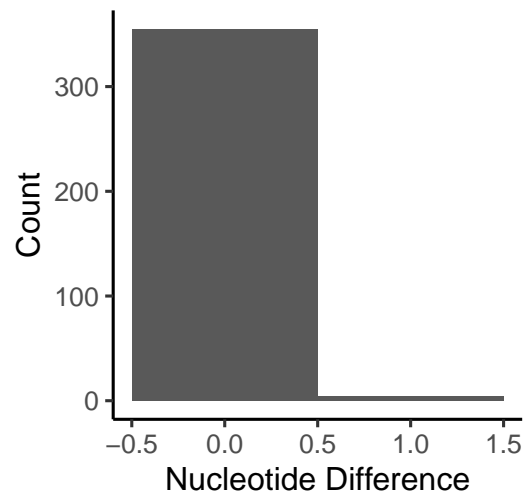
TRBV7-1*ap01_G291C_

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



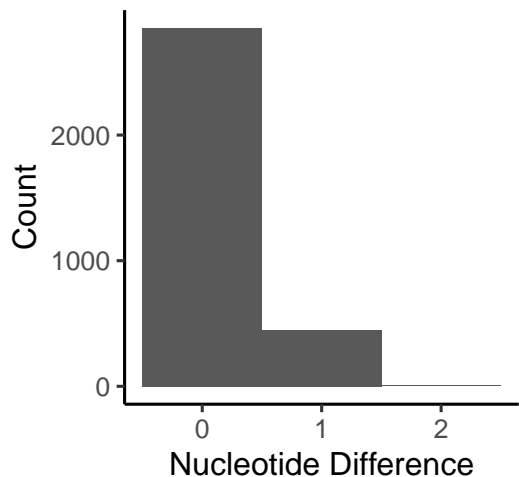
TRBV7-4*ap01

359 sequences assigned
355 (98.9%) exact matches, in which:
347 unique CDR3
13 unique J



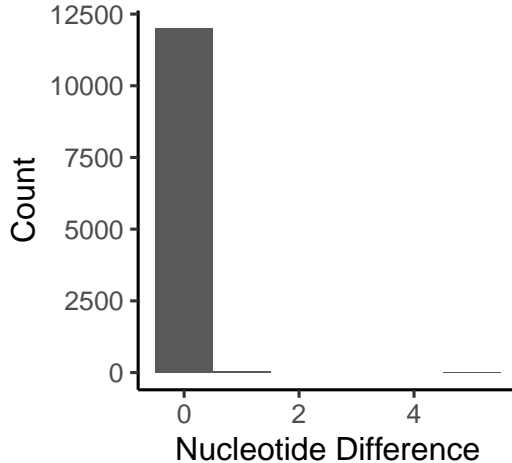
TRBV6-56*ap02

3308 sequences assigned
2852 (86.2%) exact matches, in which:
2799 unique CDR3
13 unique J



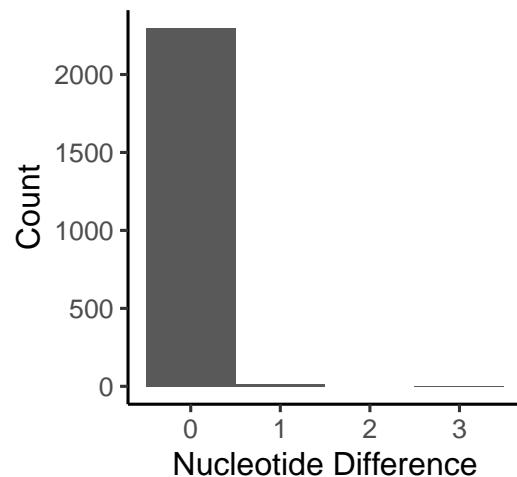
TRBV7-2*ap01

12085 sequences assigned
12021 (99.5%) exact matches, in which:
11935 unique CDR3
14 unique J



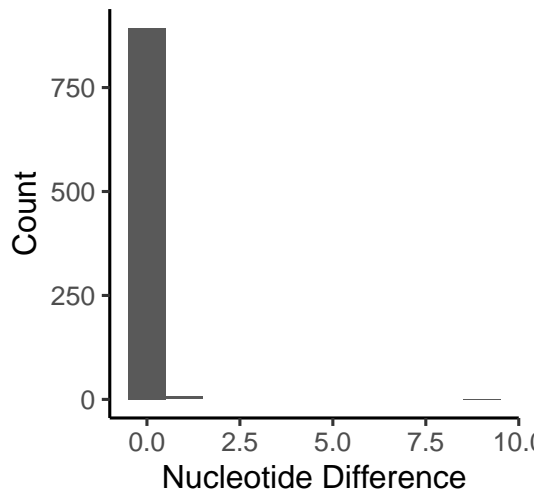
TRBV7-6*ap01

2312 sequences assigned
2298 (99.4%) exact matches, in which:
2276 unique CDR3
13 unique J



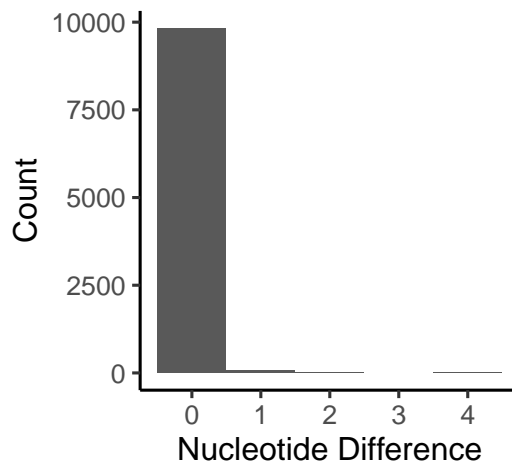
TRBV7-7*ap01

902 sequences assigned
894 (99.1%) exact matches, in which:
888 unique CDR3
13 unique J



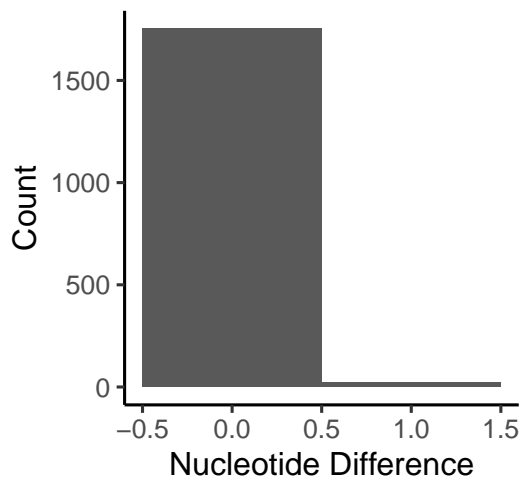
TRBV7-9*ap01

9890 sequences assigned
9829 (99.4%) exact matches, in which:
9711 unique CDR3
13 unique J



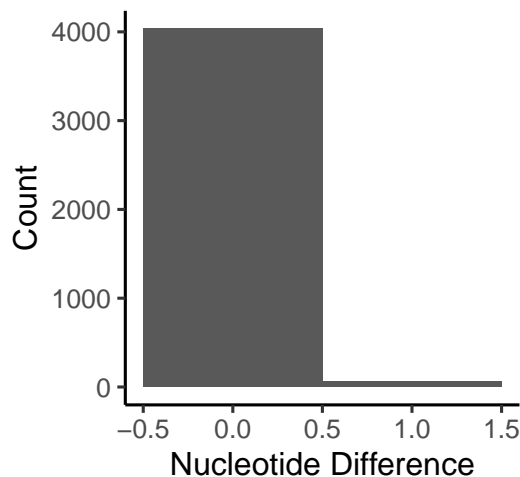
TRBV7-8*ap01

1775 sequences assigned
1753 (98.8%) exact matches, in which:
1738 unique CDR3
13 unique J



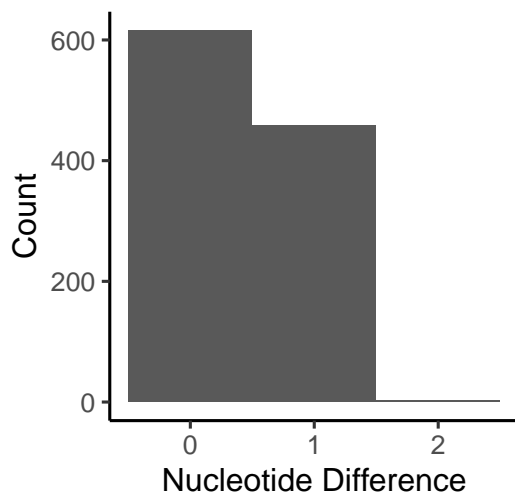
TRBV29-1*ap01

4101 sequences assigned
4035 (98.4%) exact matches, in which:
3937 unique CDR3
13 unique J



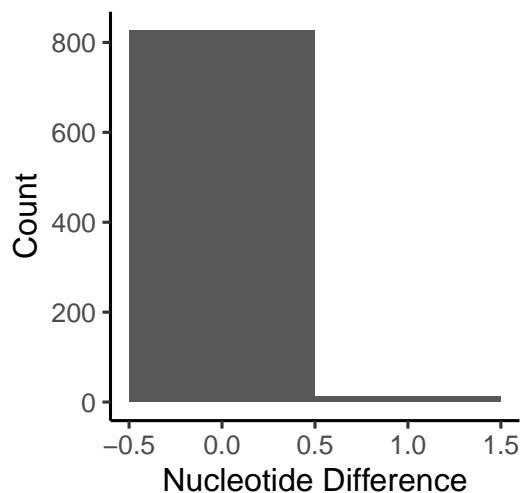
TRBV7-8*ap03

1076 sequences assigned
616 (57.2%) exact matches, in which:
609 unique CDR3
13 unique J

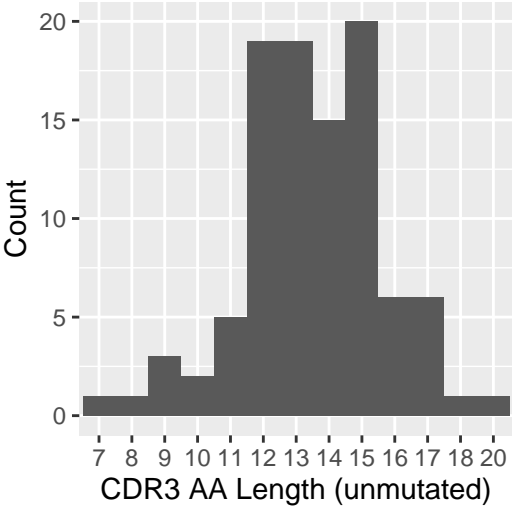


TRBV29-1*ap02

839 sequences assigned
827 (98.6%) exact matches, in which:
815 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



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