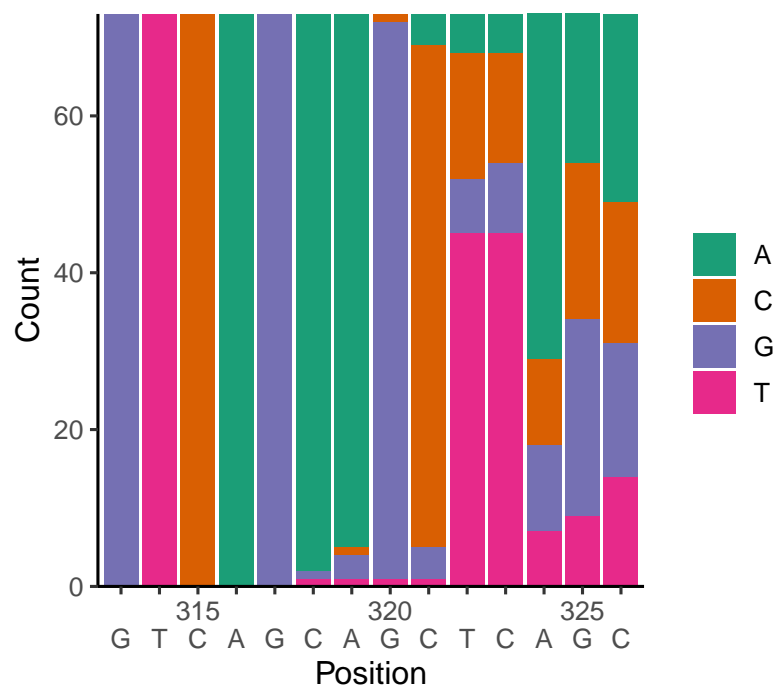
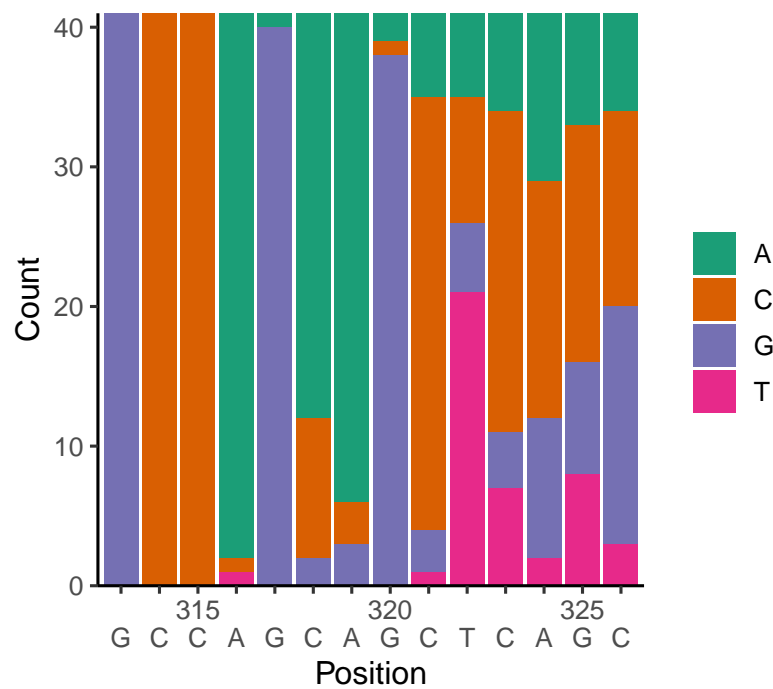


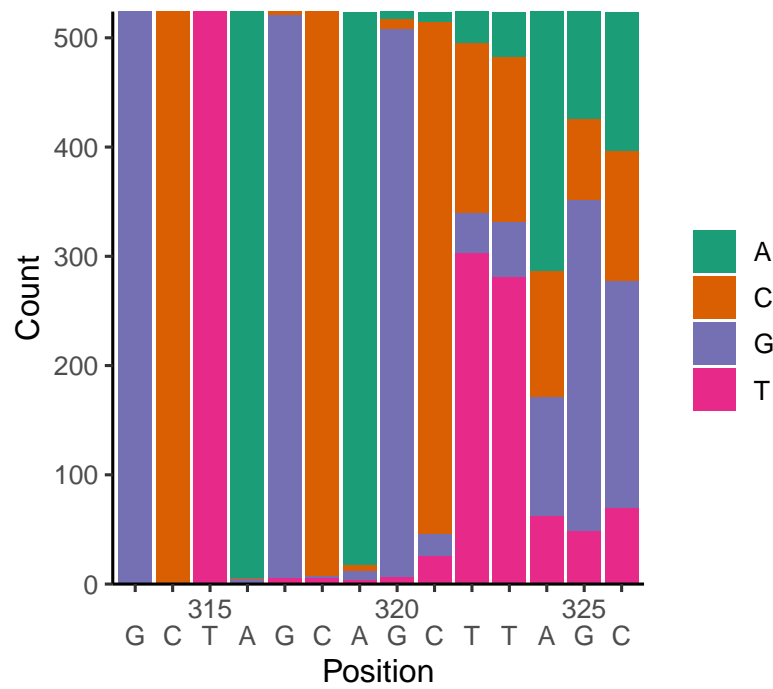
Gene TRBV7-1*ap01_T296C_C314T



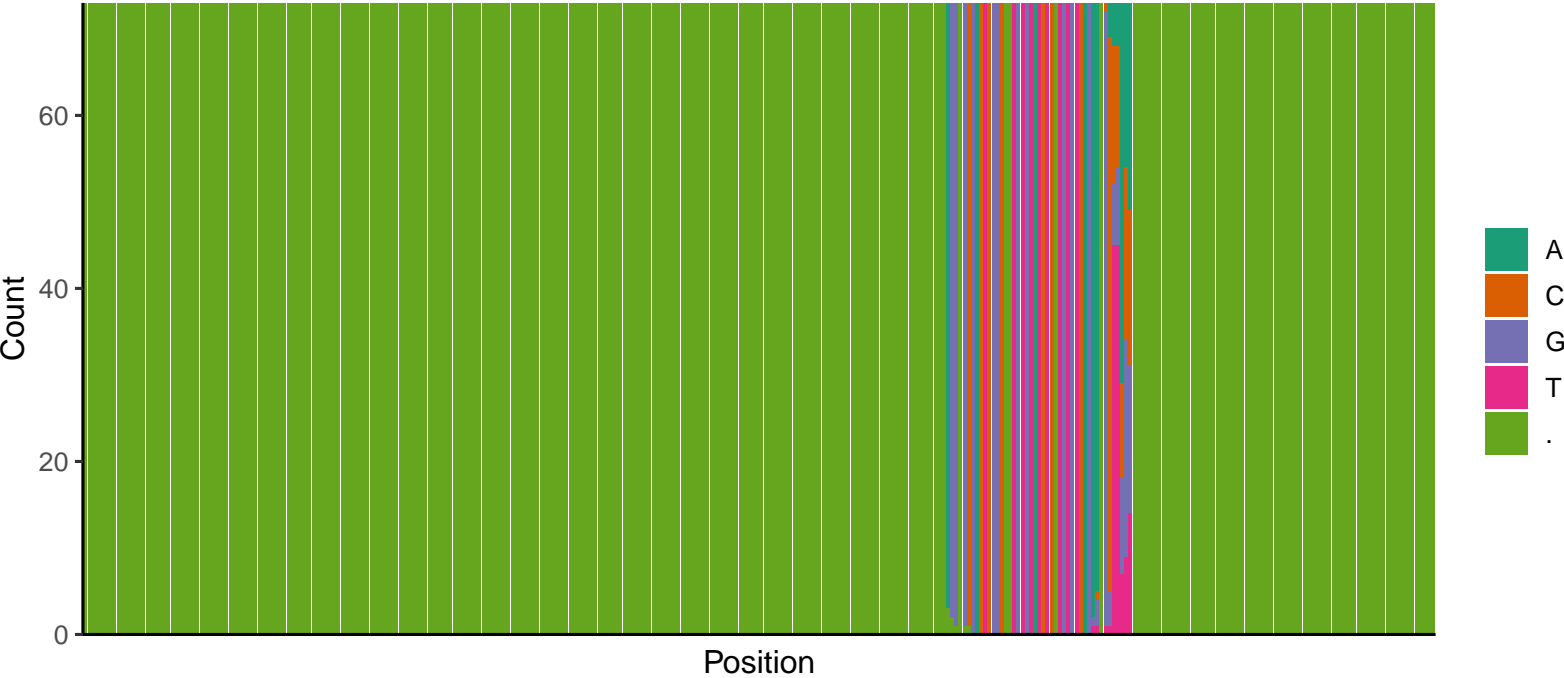
Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_T296C_C314T



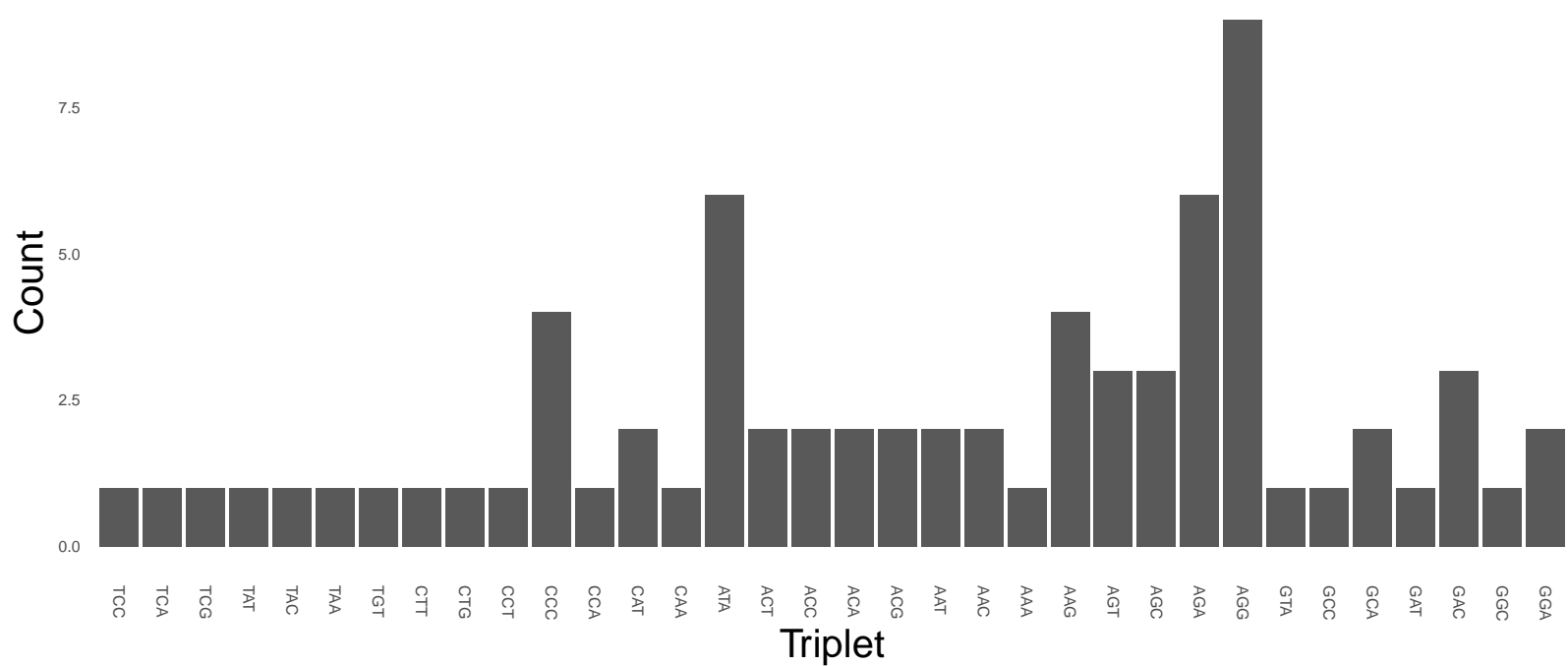
Gene TRBV7-1*ap01_T296C



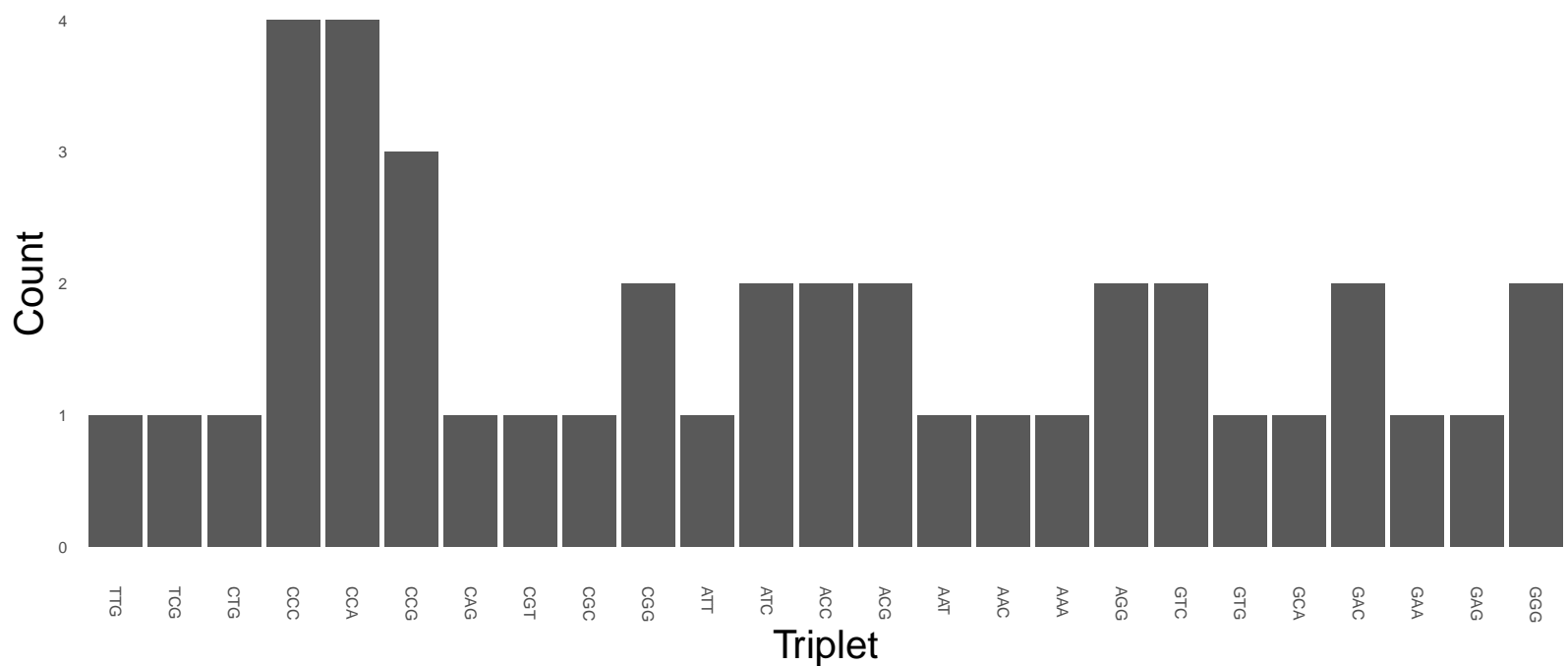
Gene TRBV7-7*ap01_C315T



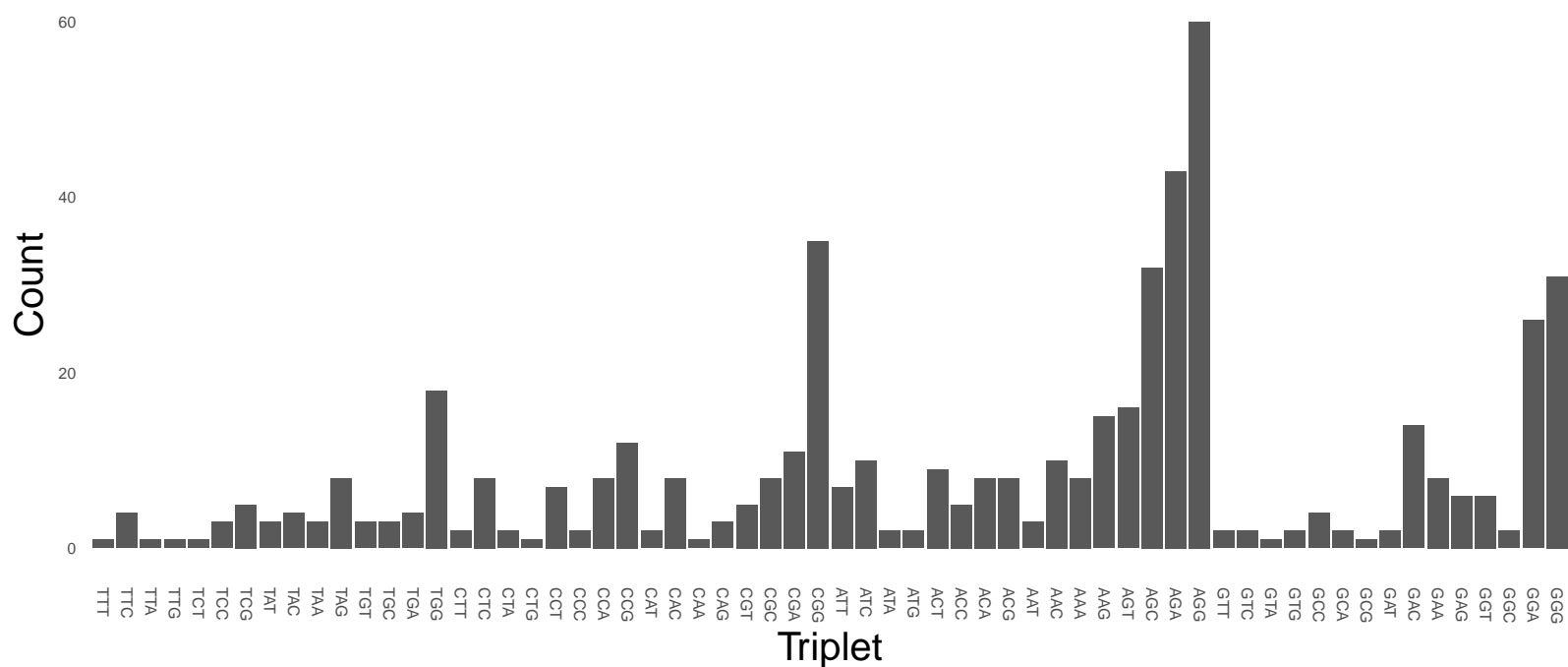
TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



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

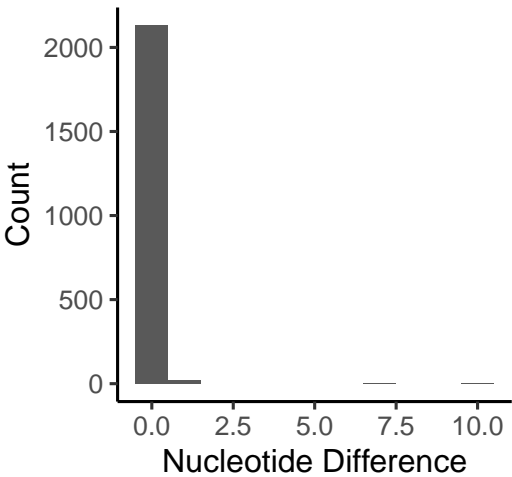


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



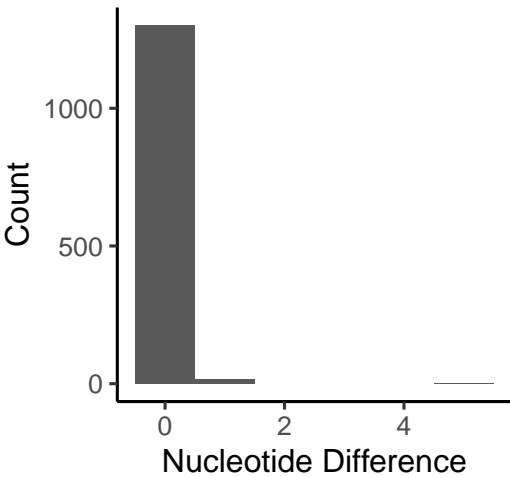
TRBV10-1*ap01

2154 sequences assigned
2131 (98.9%) exact matches, in which:
2099 unique CDR3
14 unique J



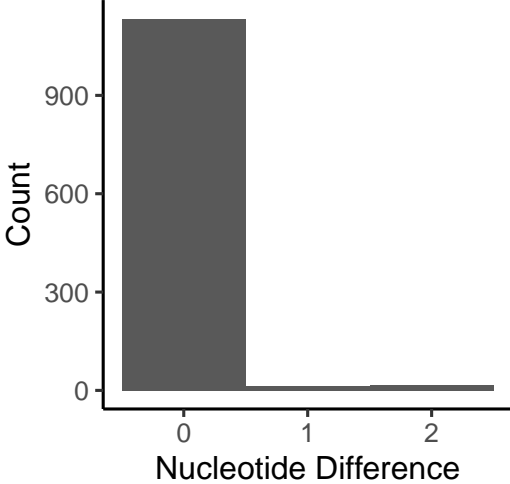
TRBV10-2*ap01

1320 sequences assigned
1301 (98.6%) exact matches, in which:
1280 unique CDR3
14 unique J



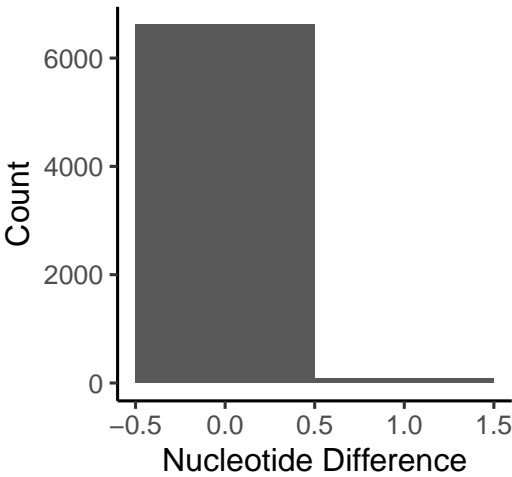
TRBV13*ap01

1165 sequences assigned
1134 (97.3%) exact matches, in which:
1112 unique CDR3
14 unique J



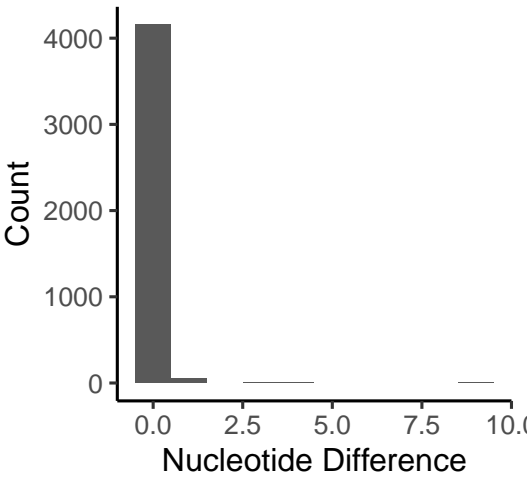
TRBV20-1*ap01

6694 sequences assigned
6616 (98.8%) exact matches, in which:
6548 unique CDR3
14 unique J



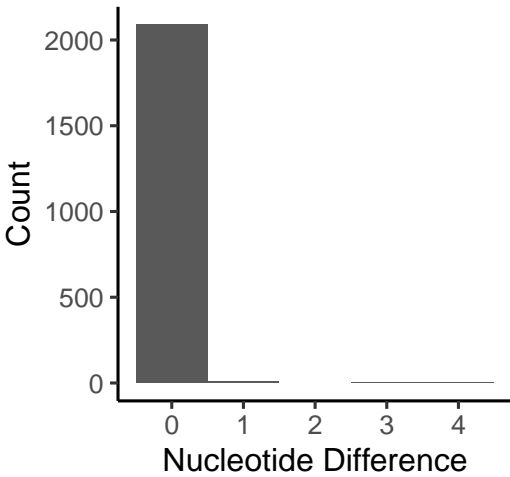
TRBV10-3*ap01

4213 sequences assigned
4156 (98.6%) exact matches, in which:
4101 unique CDR3
14 unique J



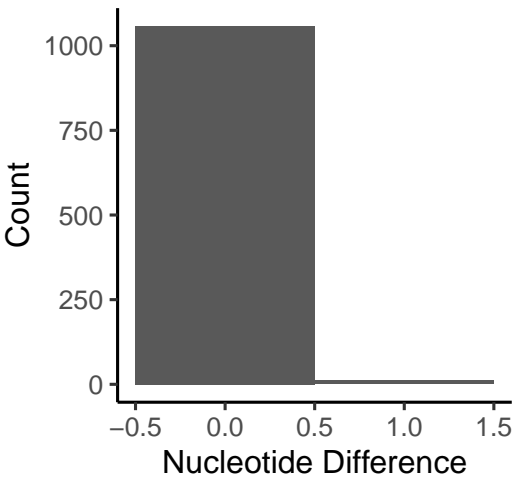
TRBV14*ap01

2102 sequences assigned
2089 (99.4%) exact matches, in which:
2067 unique CDR3
14 unique J



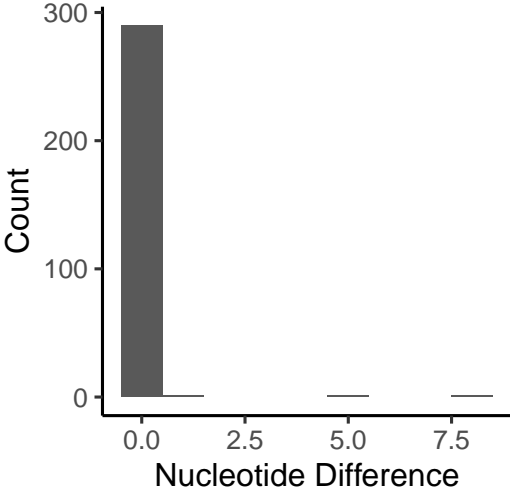
TRBV20-1*ap02

1069 sequences assigned
1058 (99%) exact matches, in which:
1050 unique CDR3
14 unique J



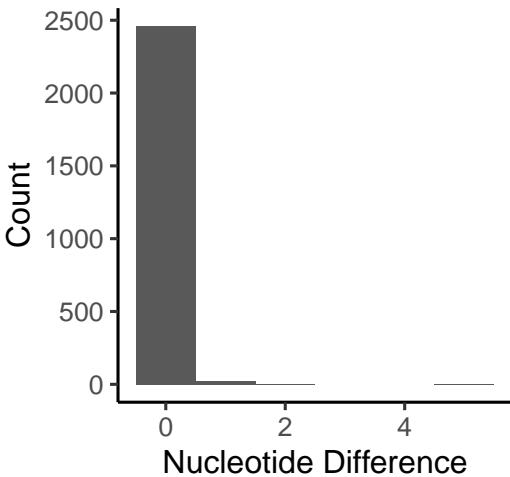
TRBV1*ap01

293 sequences assigned
290 (99%) exact matches, in which:
287 unique CDR3
14 unique J



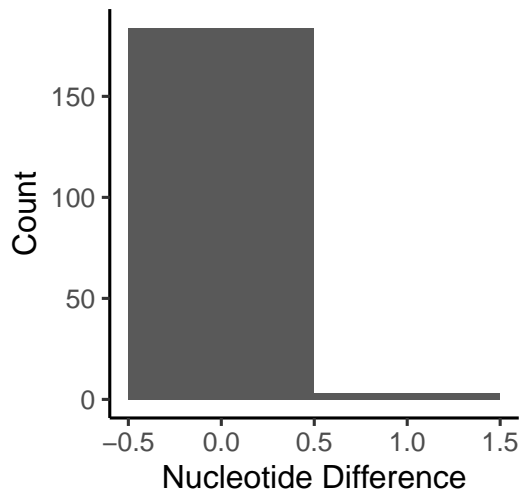
TRBV15*ap02

2484 sequences assigned
2460 (99%) exact matches, in which:
2429 unique CDR3
14 unique J



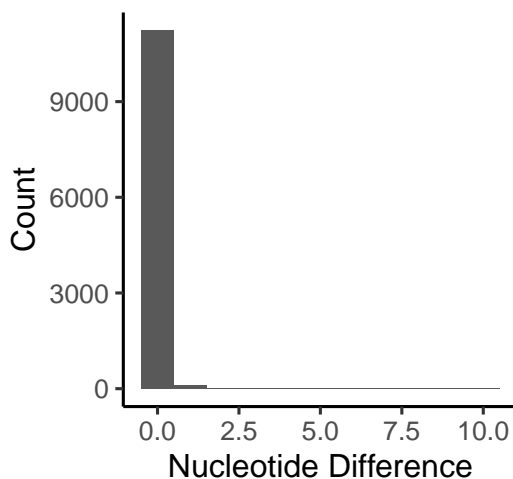
TRBV16*ap01

187 sequences assigned
184 (98.4%) exact matches, in which:
184 unique CDR3
14 unique J



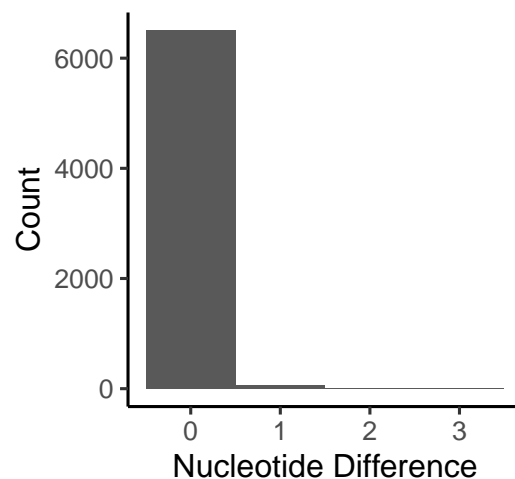
TRBV19*ap01

11370 sequences assigned
11232 (98.8%) exact matches, in which:
11150 unique CDR3
14 unique J



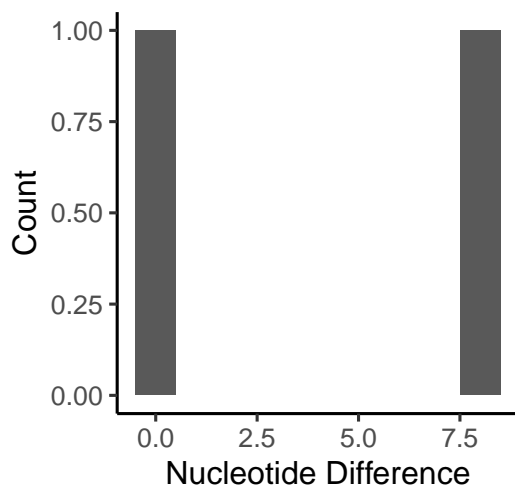
TRBV28*ap01

6580 sequences assigned
6504 (98.8%) exact matches, in which:
6425 unique CDR3
14 unique J



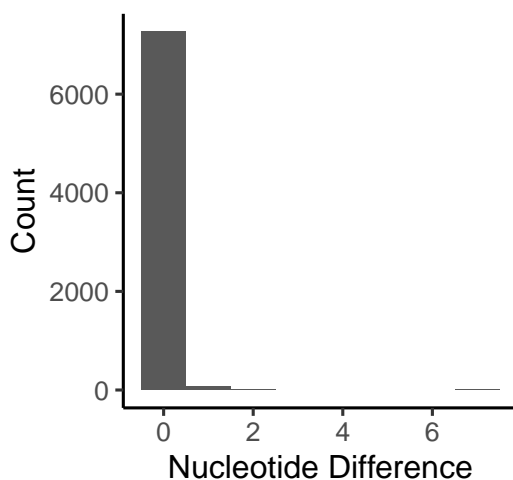
TRBV17*ap01

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



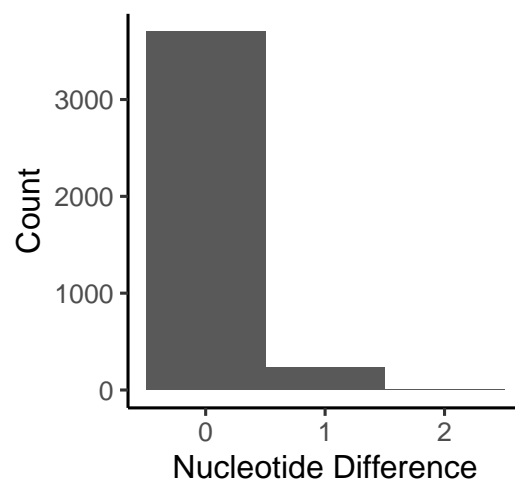
TRBV2*ap01

7349 sequences assigned
7266 (98.9%) exact matches, in which:
7180 unique CDR3
14 unique J



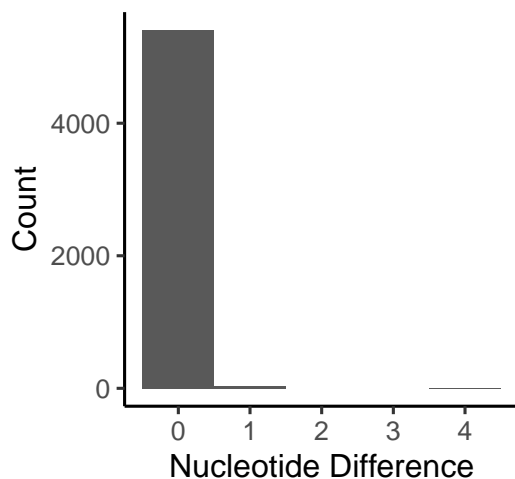
TRBV30*ap01

3938 sequences assigned
3700 (94%) exact matches, in which:
3643 unique CDR3
13 unique J



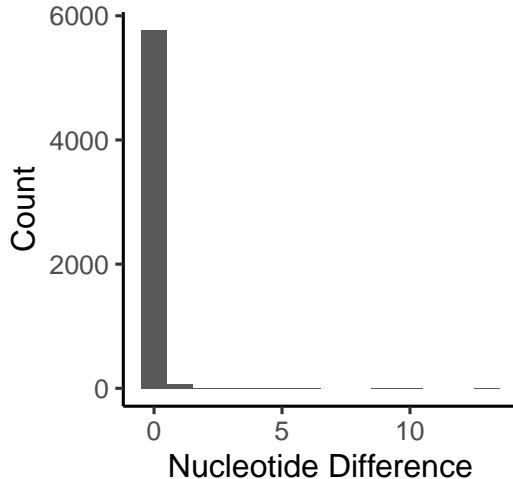
TRBV18*ap01

5440 sequences assigned
5406 (99.4%) exact matches, in which:
5360 unique CDR3
14 unique J



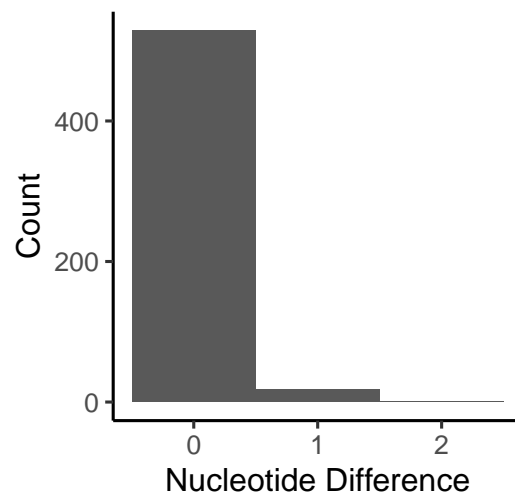
TRBV27*ap01

5858 sequences assigned
5770 (98.5%) exact matches, in which:
5697 unique CDR3
14 unique J



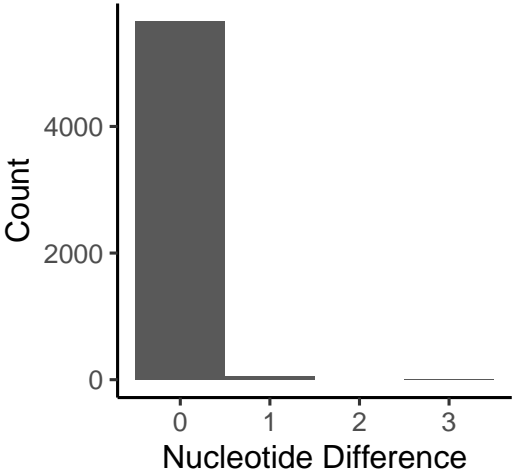
TRBV30*ap03

548 sequences assigned
529 (96.5%) exact matches, in which:
521 unique CDR3
13 unique J



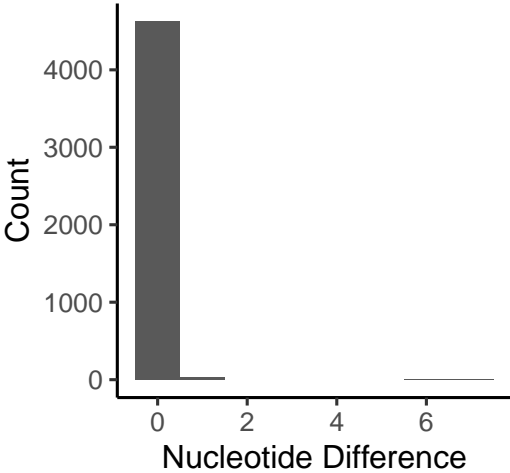
TRBV9*ap01

5715 sequences assigned
5659 (99%) exact matches, in which:
5612 unique CDR3
14 unique J



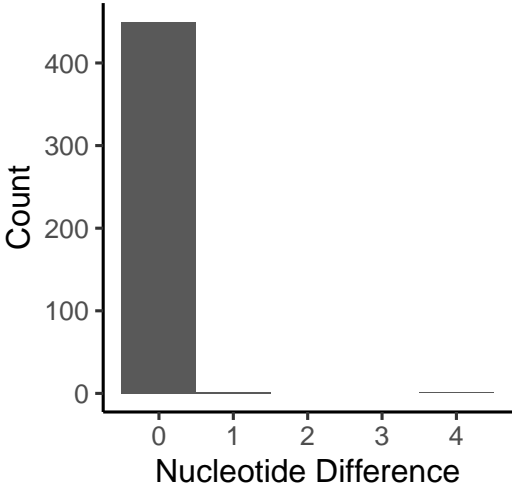
TRBV11-2*ap01

4660 sequences assigned
4625 (99.2%) exact matches, in which:
4595 unique CDR3
14 unique J



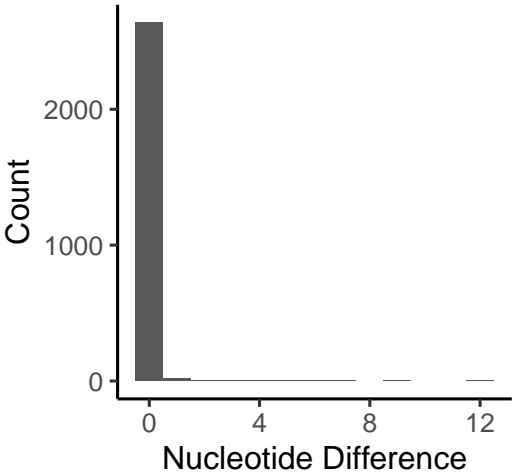
TRBV12-2*ap01

453 sequences assigned
450 (99.3%) exact matches, in which:
439 unique CDR3
14 unique J



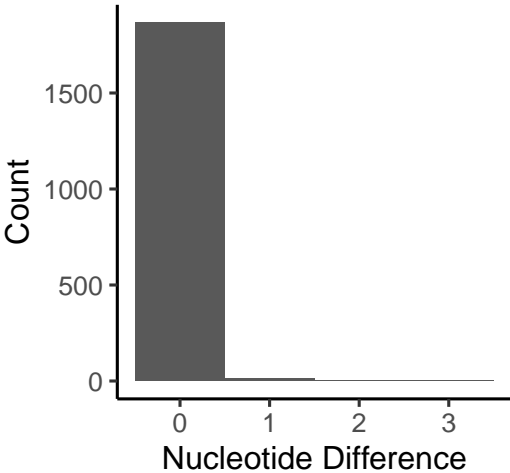
TRBV21-1*ap01

2677 sequences assigned
2637 (98.5%) exact matches, in which:
2596 unique CDR3
14 unique J



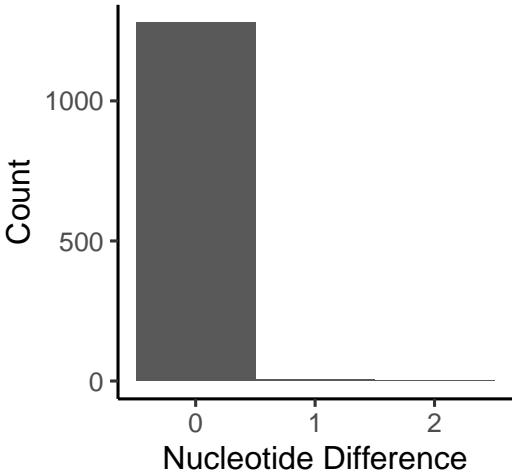
TRBV11-3*ap01

1879 sequences assigned
1866 (99.3%) exact matches, in which:
1853 unique CDR3
15 unique J



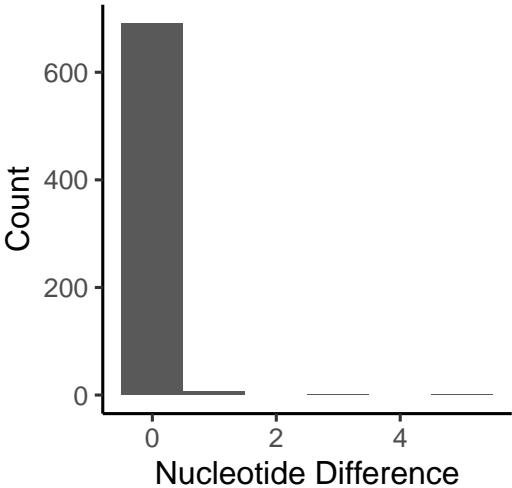
TRBV12-5*ap01

1286 sequences assigned
1279 (99.5%) exact matches, in which:
1262 unique CDR3
14 unique J



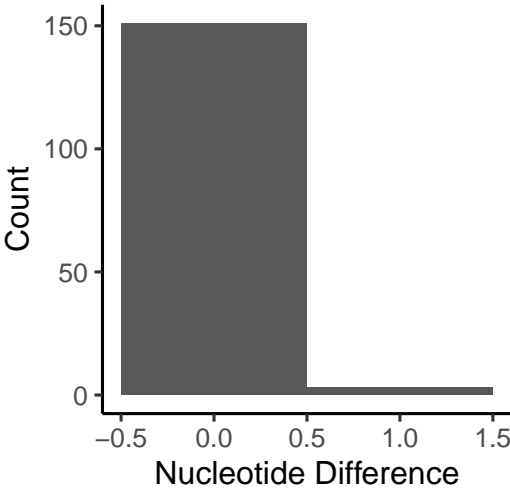
TRBV11-1*ap01

699 sequences assigned
691 (98.9%) exact matches, in which:
688 unique CDR3
14 unique J



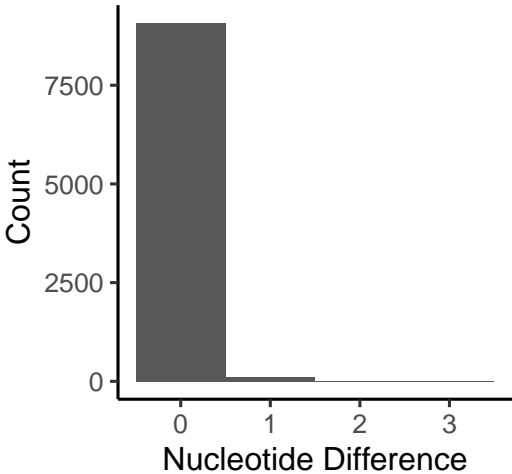
TRBV12-1*ap01

154 sequences assigned
151 (98.1%) exact matches, in which:
149 unique CDR3
14 unique J



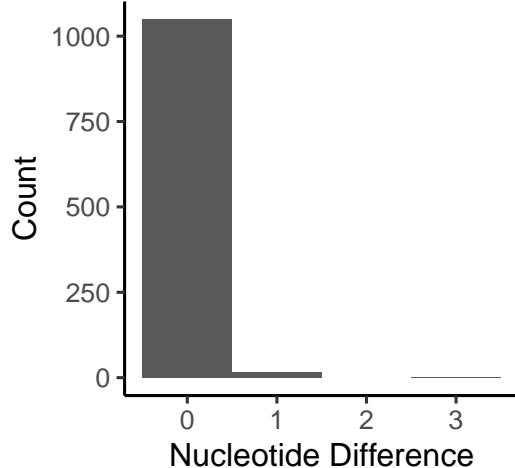
TRBV12-34*ap01

9187 sequences assigned
9075 (98.8%) exact matches, in which:
8943 unique CDR3
14 unique J



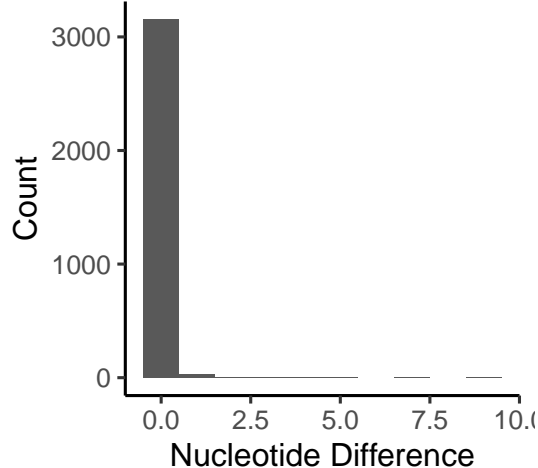
TRBV23-1*ap01

1067 sequences assigned
1049 (98.3%) exact matches, in which:
1031 unique CDR3
14 unique J



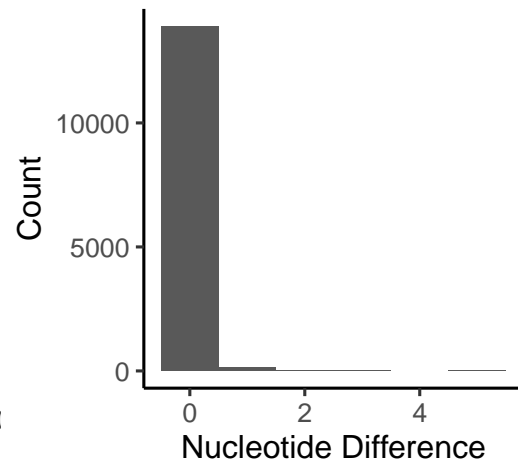
TRBV24-1*ap01

3194 sequences assigned
3154 (98.7%) exact matches, in which:
3110 unique CDR3
14 unique J



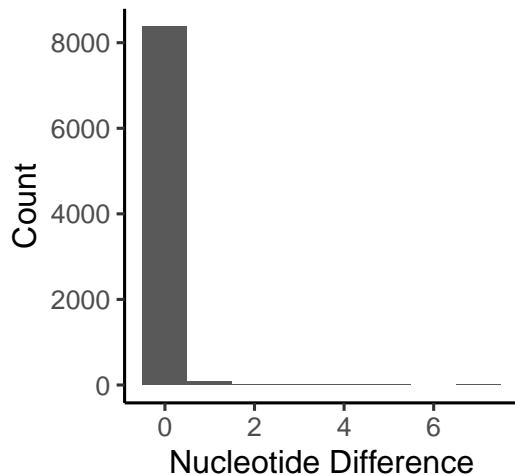
TRBV5-1*ap01

14056 sequences assigned
13903 (98.9%) exact matches, in which:
13692 unique CDR3
14 unique J



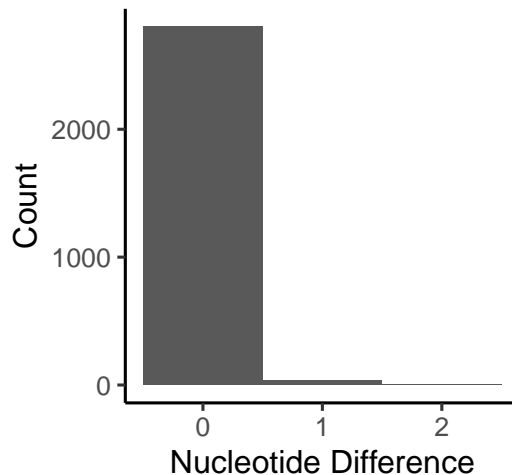
TRBV3-12*ap01

8462 sequences assigned
8373 (98.9%) exact matches, in which:
8306 unique CDR3
14 unique J



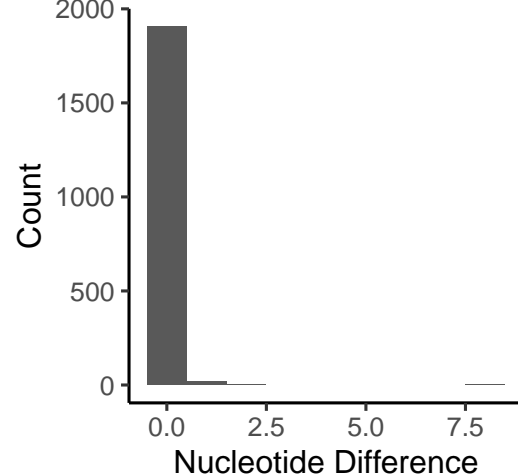
TRBV4-2*ap01

2841 sequences assigned
2802 (98.6%) exact matches, in which:
2764 unique CDR3
14 unique J



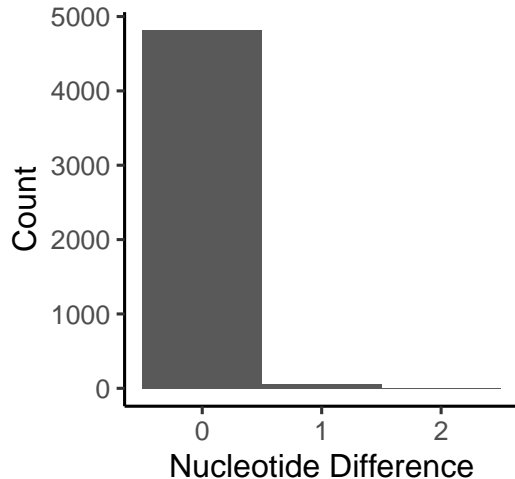
TRBV25-1*ap01

1929 sequences assigned
1905 (98.8%) exact matches, in which:
1865 unique CDR3
14 unique J



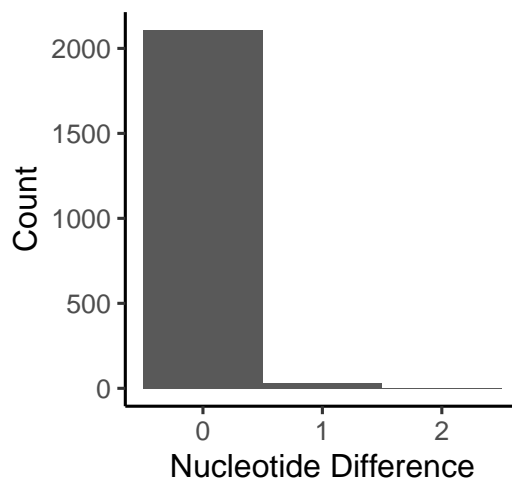
TRBV4-1*ap01

4875 sequences assigned
4818 (98.8%) exact matches, in which:
4758 unique CDR3
14 unique J



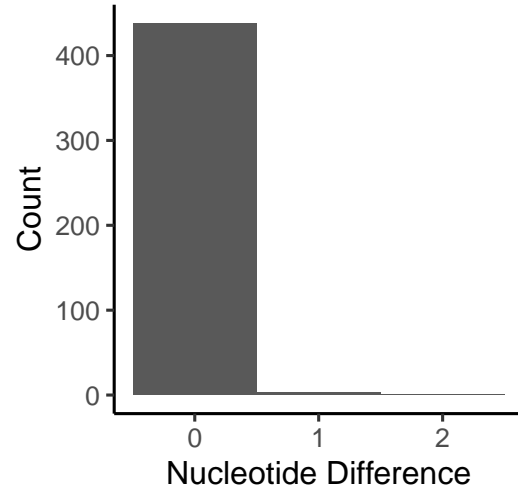
TRBV4-3*ap01

2141 sequences assigned
2108 (98.5%) exact matches, in which:
2059 unique CDR3
14 unique J



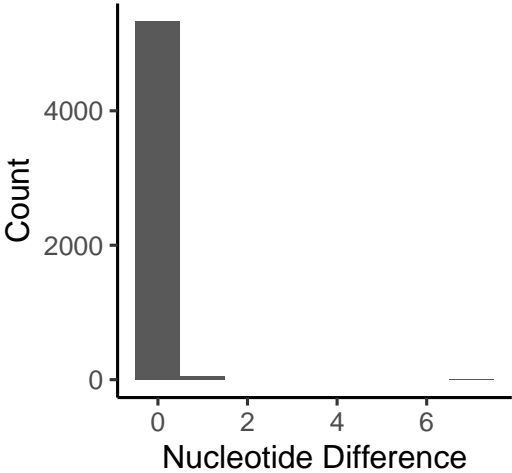
TRBV5-3*ap01

442 sequences assigned
438 (99.1%) exact matches, in which:
425 unique CDR3
14 unique J



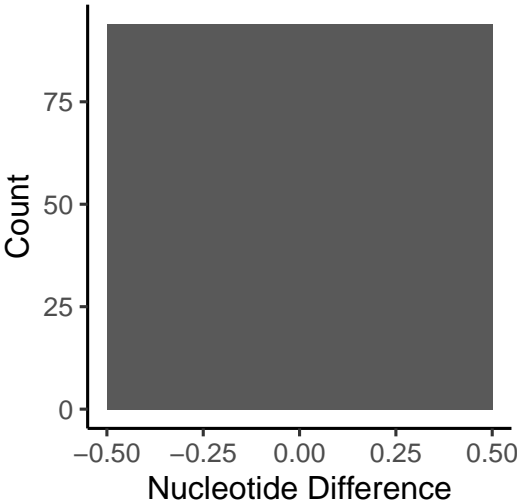
TRBV5-4*ap01

5386 sequences assigned
5330 (99%) exact matches, in which:
5263 unique CDR3
14 unique J



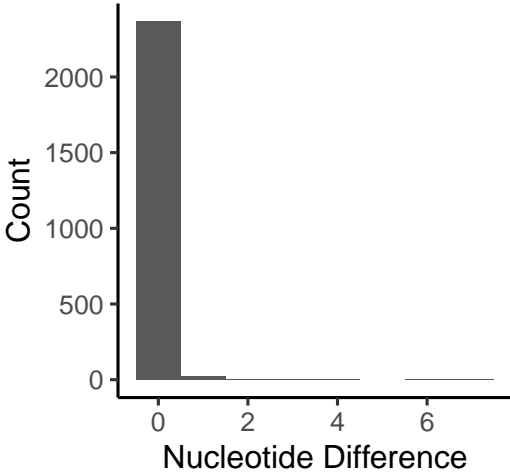
TRBV5-7*ap01

94 sequences assigned
94 (100%) exact matches, in which:
92 unique CDR3
14 unique J



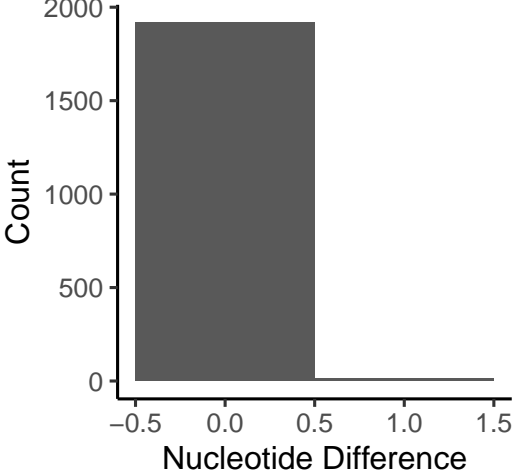
TRBV6-4*ap01

2403 sequences assigned
2367 (98.5%) exact matches, in which:
2332 unique CDR3
14 unique J



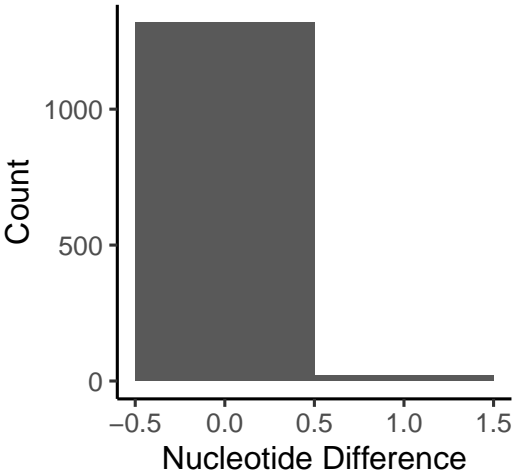
TRBV5-5*ap01

1928 sequences assigned
1917 (99.4%) exact matches, in which:
1905 unique CDR3
14 unique J



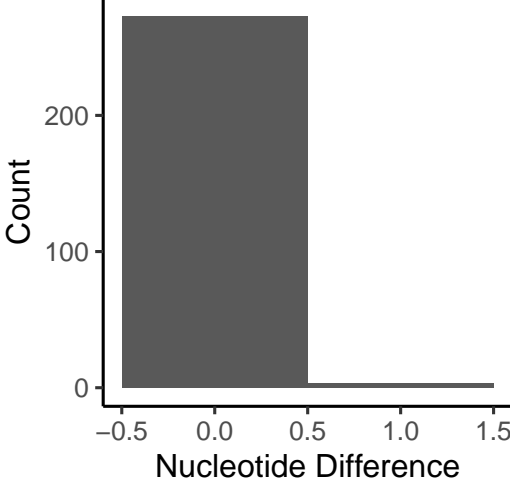
TRBV5-8*ap01

1338 sequences assigned
1318 (98.5%) exact matches, in which:
1302 unique CDR3
14 unique J



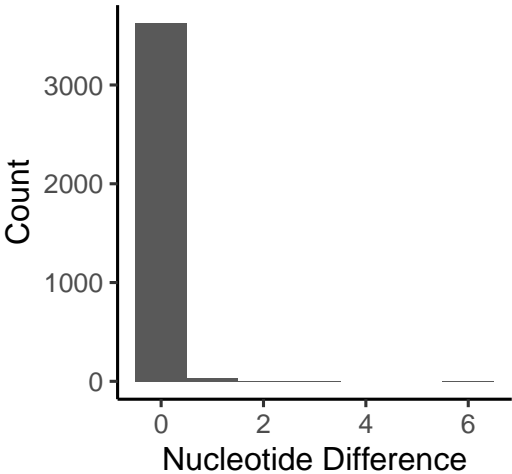
TRBV6-7*ap01

276 sequences assigned
273 (98.9%) exact matches, in which:
266 unique CDR3
14 unique J



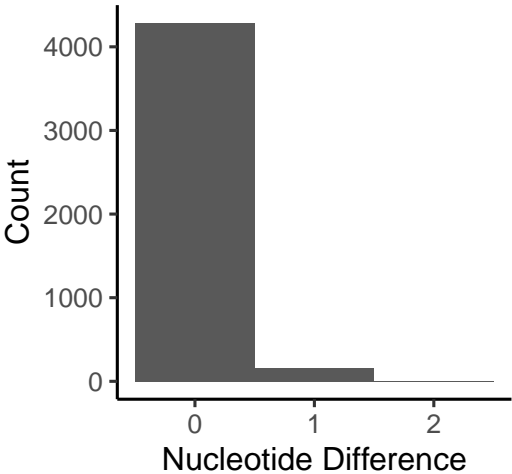
TRBV5-6*ap01

3663 sequences assigned
3627 (99%) exact matches, in which:
3564 unique CDR3
14 unique J



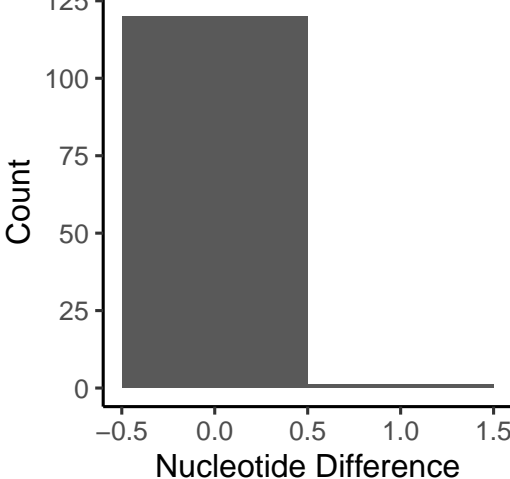
TRBV6-1*ap01

4445 sequences assigned
4284 (96.4%) exact matches, in which:
4204 unique CDR3
14 unique J



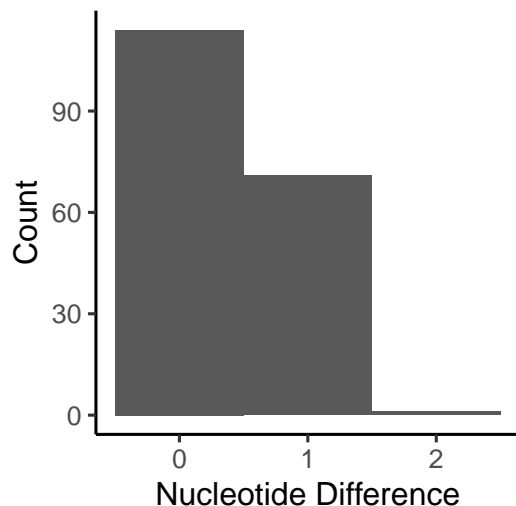
TRBV6-8*ap01

121 sequences assigned
120 (99.2%) exact matches, in which:
116 unique CDR3
14 unique J



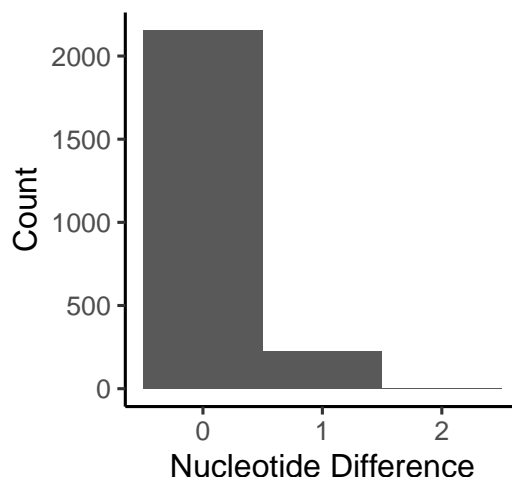
TRBV6-9*ap01

186 sequences assigned
114 (61.3%) exact matches, in which:
112 unique CDR3
14 unique J



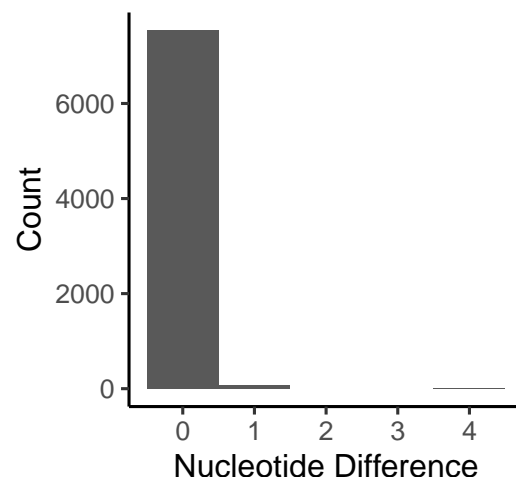
TRBV6-56*ap02

2379 sequences assigned
2154 (90.5%) exact matches, in which:
2119 unique CDR3
14 unique J



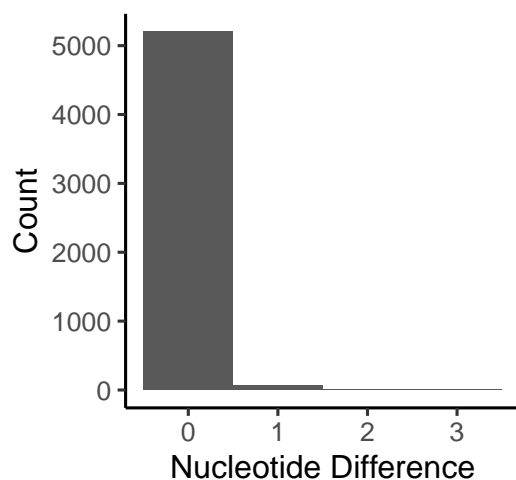
TRBV7-2*ap01

7610 sequences assigned
7537 (99%) exact matches, in which:
7436 unique CDR3
14 unique J



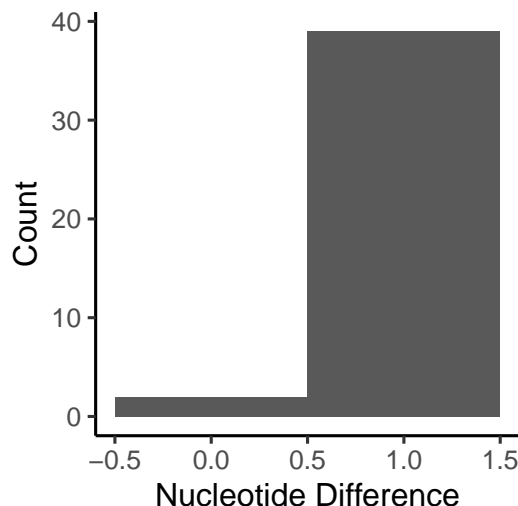
TRBV6-23*ap01

5272 sequences assigned
5202 (98.7%) exact matches, in which:
5111 unique CDR3
14 unique J



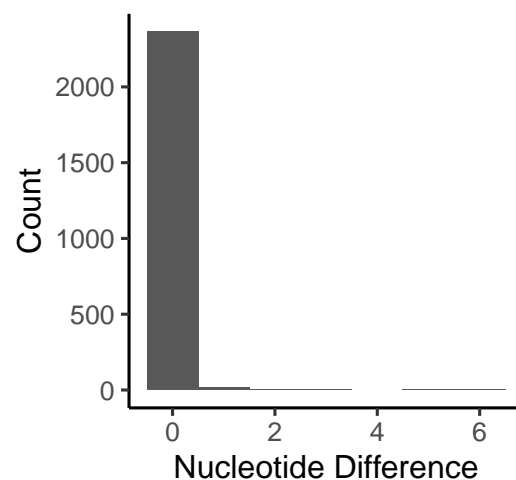
TRBV7-1*ap01_T296C

41 sequences assigned
2 (4.9%) exact matches, in which:
2 unique CDR3
2 unique J



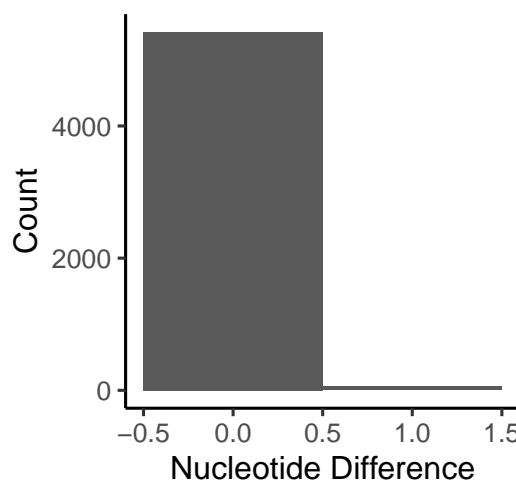
TRBV7-3*ap01

2387 sequences assigned
2364 (99%) exact matches, in which:
2339 unique CDR3
13 unique J



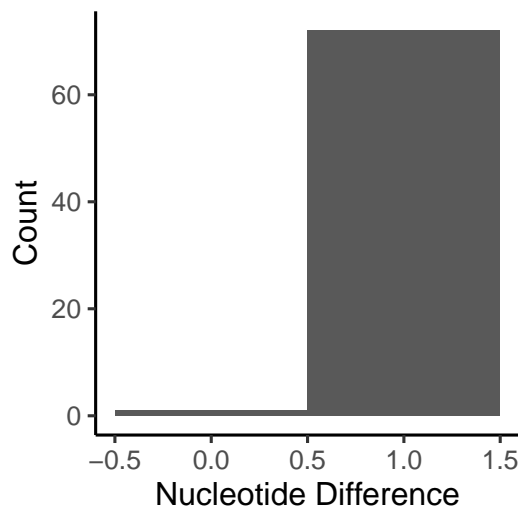
TRBV6-56*ap01

5481 sequences assigned
5421 (98.9%) exact matches, in which:
5346 unique CDR3
14 unique J



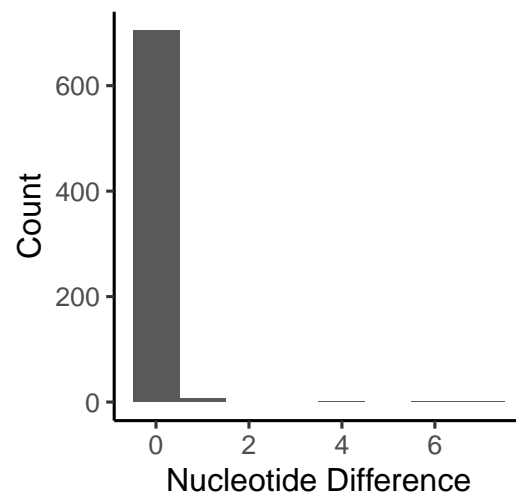
TRBV7-1*ap01_T296C_C

73 sequences assigned
1 (1.4%) exact matches, in which:
1 unique CDR3
1 unique J



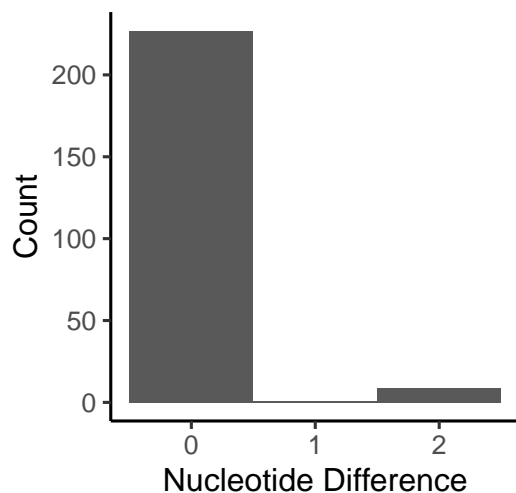
TRBV7-3*ap03

714 sequences assigned
705 (98.7%) exact matches, in which:
695 unique CDR3
13 unique J



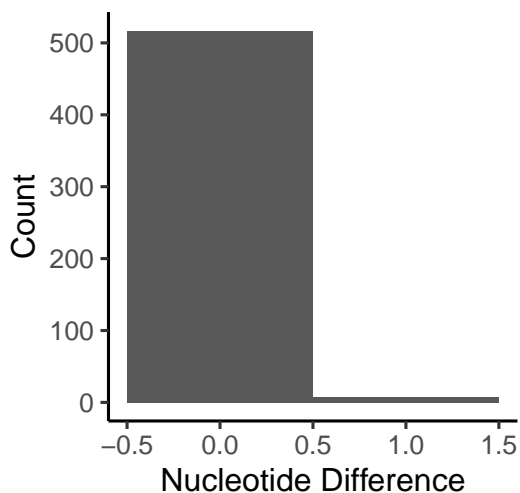
TRBV7-4*ap01

237 sequences assigned
227 (95.8%) exact matches, in which:
222 unique CDR3
14 unique J



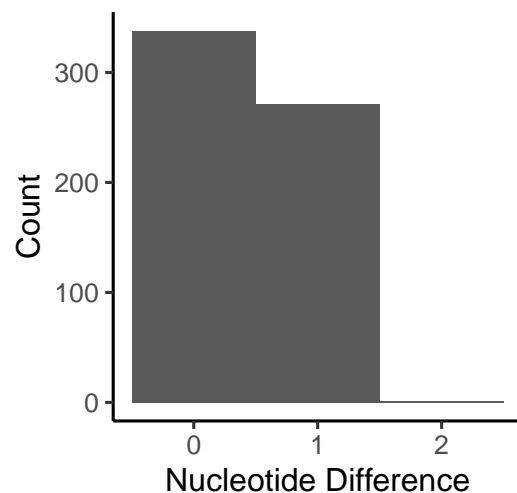
TRBV7-7*ap01_C315T

524 sequences assigned
517 (98.7%) exact matches, in which:
512 unique CDR3
13 unique J



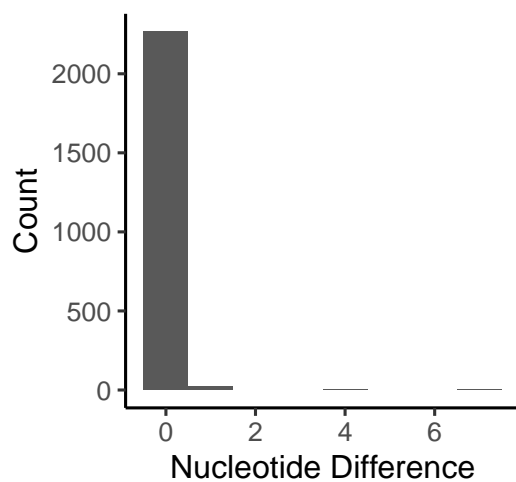
TRBV7-8*ap03

610 sequences assigned
338 (55.4%) exact matches, in which:
337 unique CDR3
14 unique J



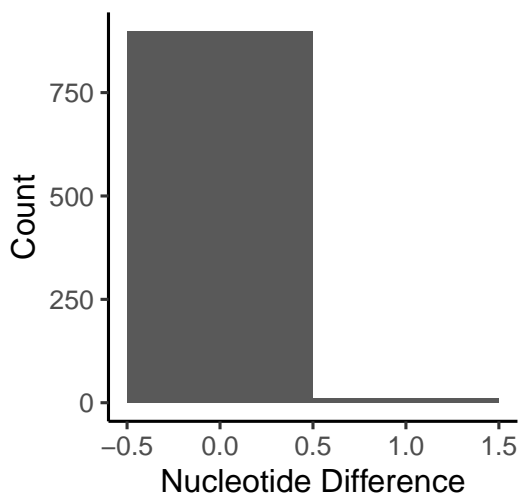
TRBV7-6*ap01

2288 sequences assigned
2266 (99%) exact matches, in which:
2245 unique CDR3
14 unique J



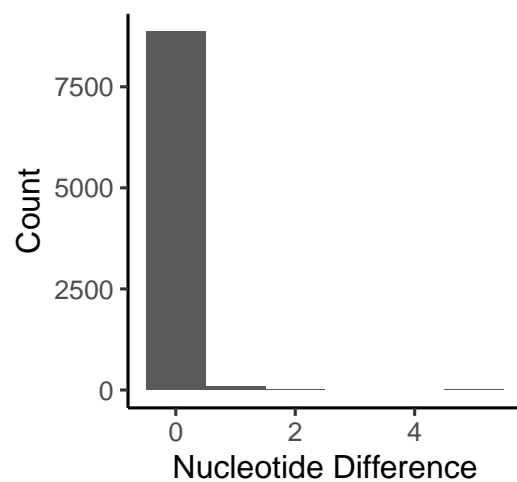
TRBV7-8*ap01

910 sequences assigned
899 (98.8%) exact matches, in which:
891 unique CDR3
14 unique J



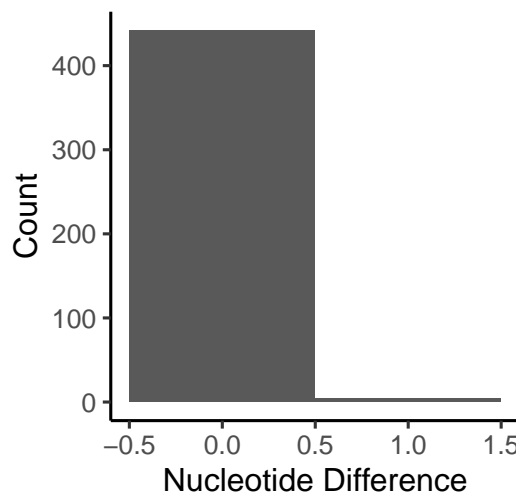
TRBV7-9*ap01

8942 sequences assigned
8862 (99.1%) exact matches, in which:
8756 unique CDR3
14 unique J



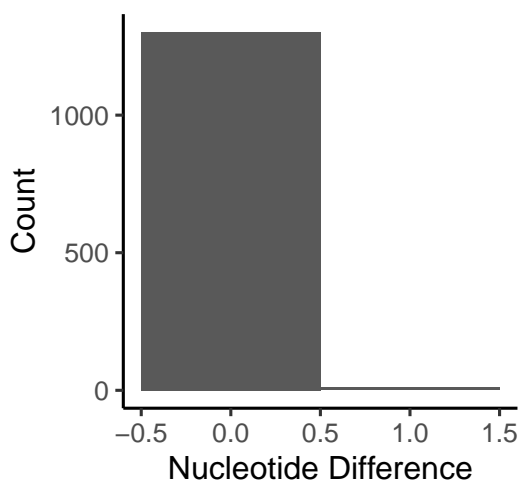
TRBV7-7*ap01

446 sequences assigned
442 (99.1%) exact matches, in which:
440 unique CDR3
14 unique J



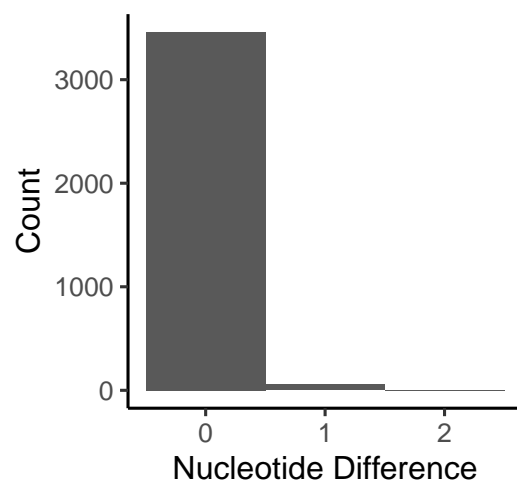
TRBV7-8*ap02

1312 sequences assigned
1302 (99.2%) exact matches, in which:
1286 unique CDR3
14 unique J



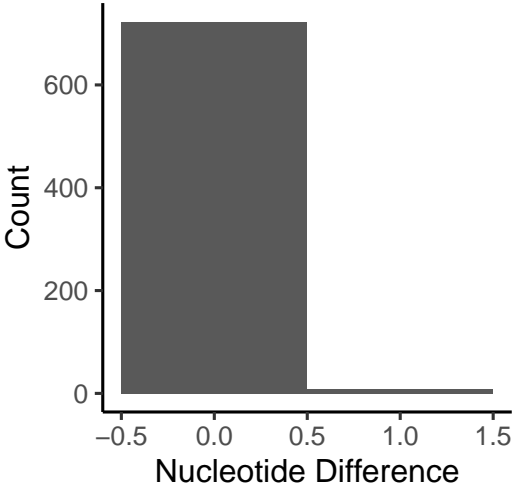
TRBV29-1*ap01

3517 sequences assigned
3460 (98.4%) exact matches, in which:
3414 unique CDR3
14 unique J

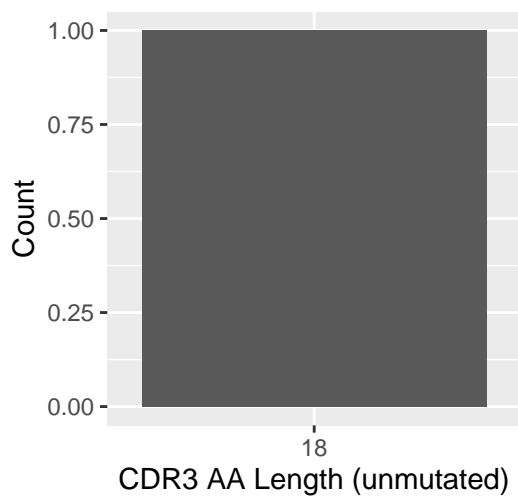


TRBV29-1*ap02

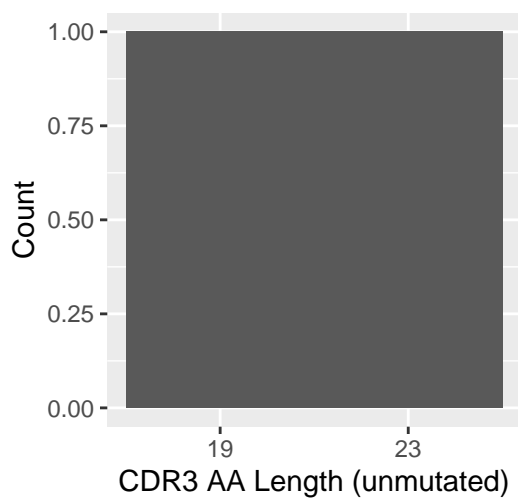
732 sequences assigned
723 (98.8%) exact matches, in which:
716 unique CDR3
14 unique J



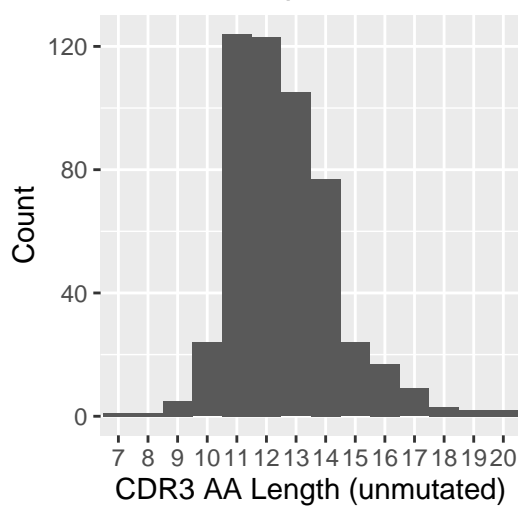
TRBV7-1*ap01_T296C_C314T



TRBV7-1*ap01_T296C

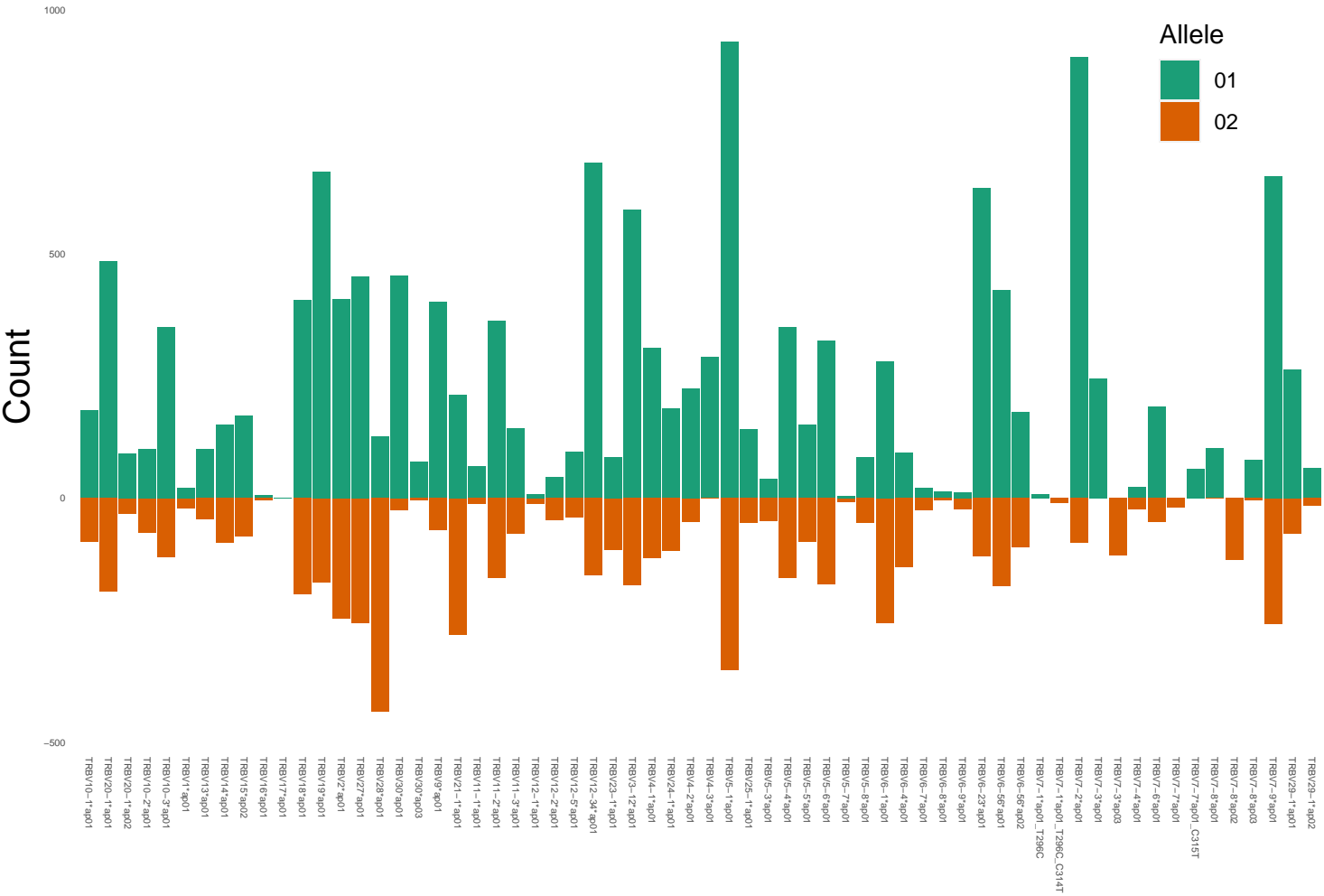


TRBV7-7*ap01_C315T





Sequence Count by TRBJ2-7 allele usage



Warning – no inferred sequences found.