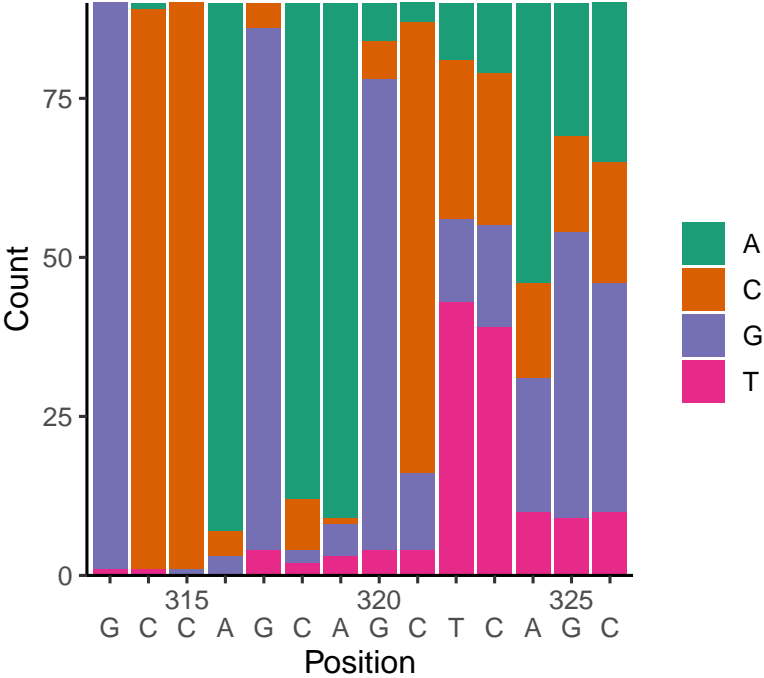


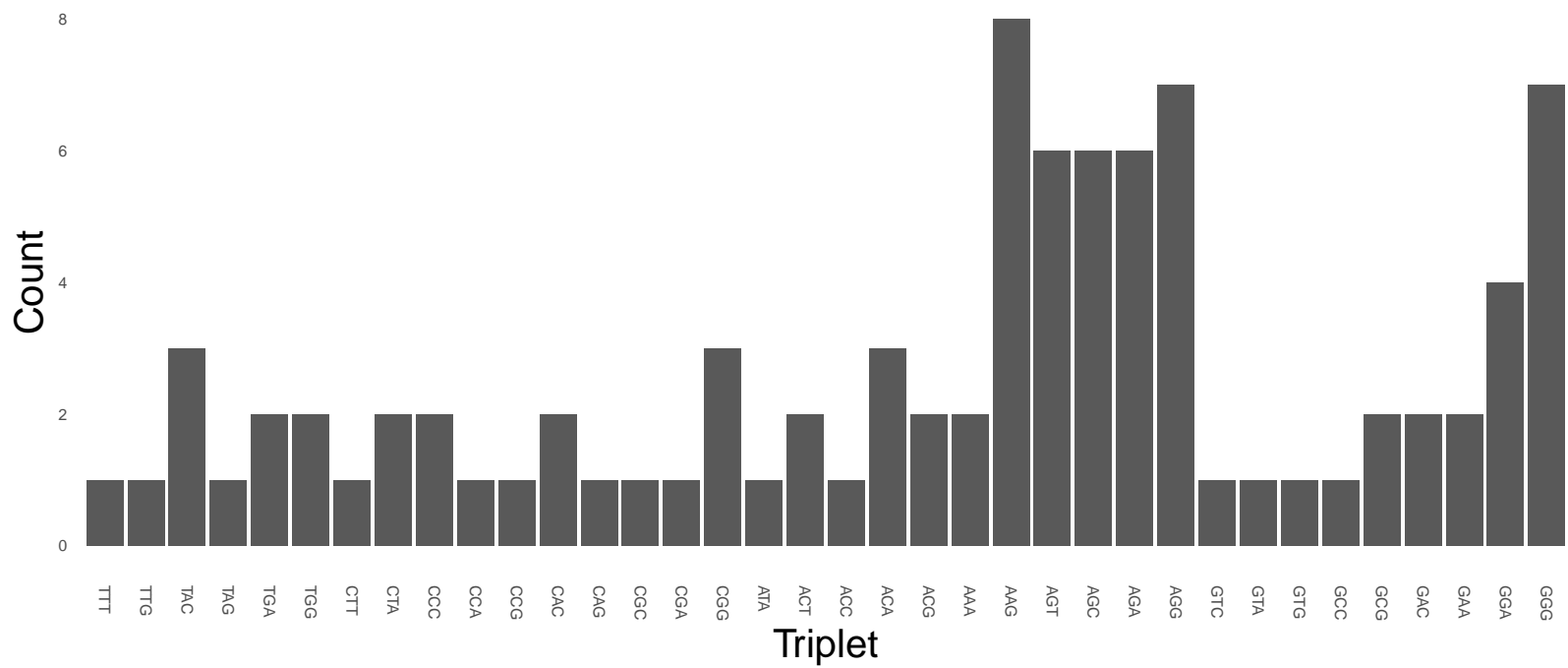
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-1*ap01_G291C_T296C

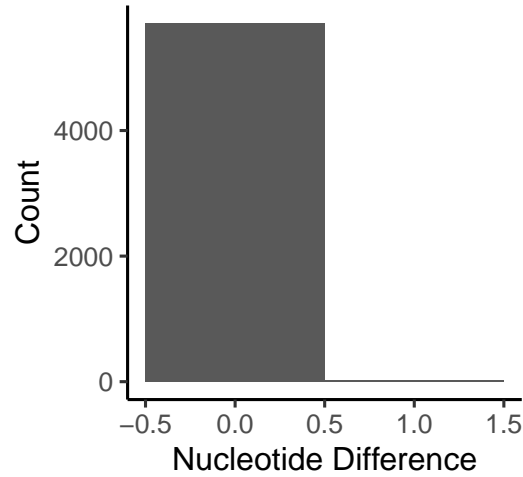


TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



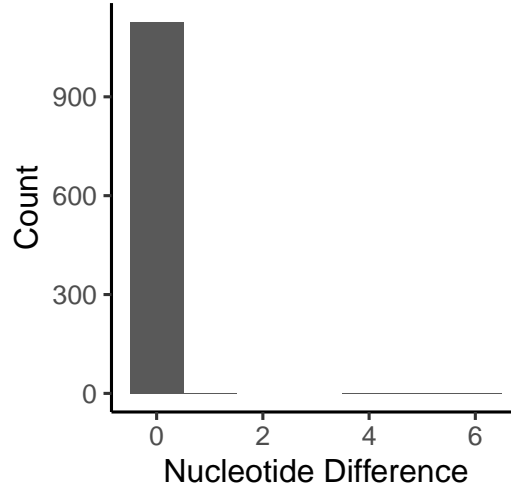
TRBV20–1*ap01

5732 sequences assigned
5706 (99.5%) exact matches, in which:
5681 unique CDR3
13 unique J



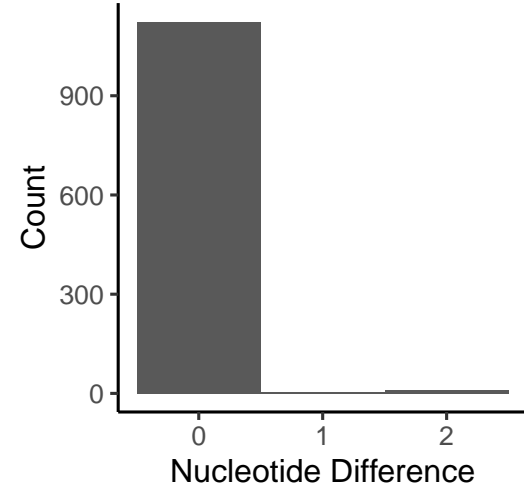
TRBV10–2*ap01

1132 sequences assigned
1128 (99.6%) exact matches, in which:
1124 unique CDR3
13 unique J



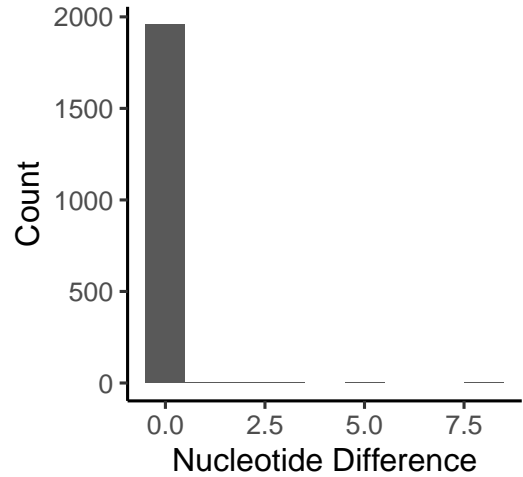
TRBV13*ap01

1140 sequences assigned
1124 (98.6%) exact matches, in which:
1122 unique CDR3
13 unique J



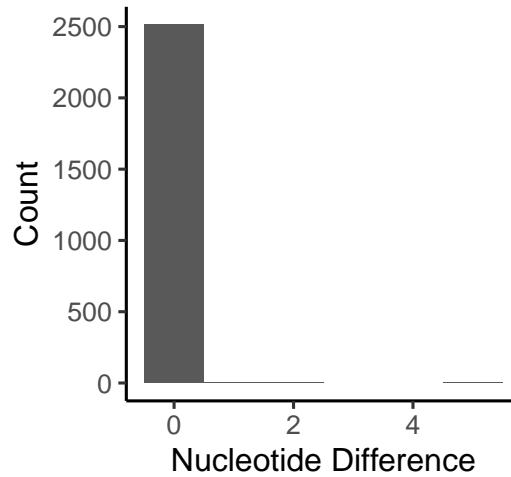
TRBV10–1*ap01

1967 sequences assigned
1957 (99.5%) exact matches, in which:
1954 unique CDR3
13 unique J



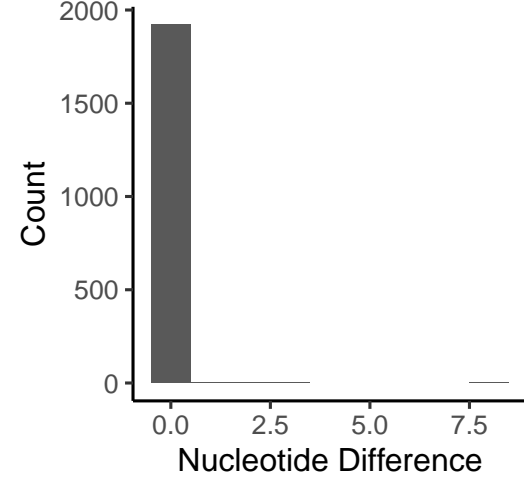
TRBV10–3*ap01

2521 sequences assigned
2513 (99.7%) exact matches, in which:
2509 unique CDR3
13 unique J



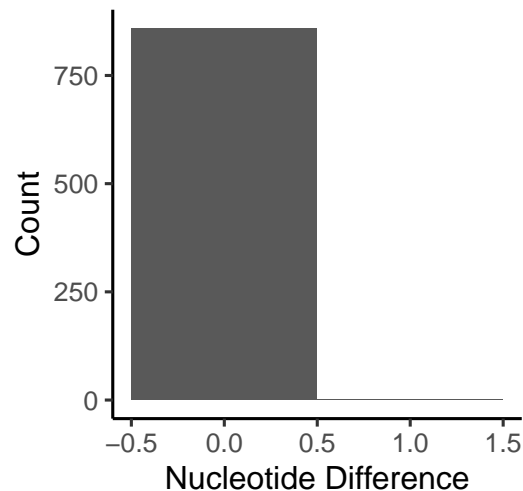
TRBV14*ap01

1925 sequences assigned
1921 (99.8%) exact matches, in which:
1918 unique CDR3
13 unique J



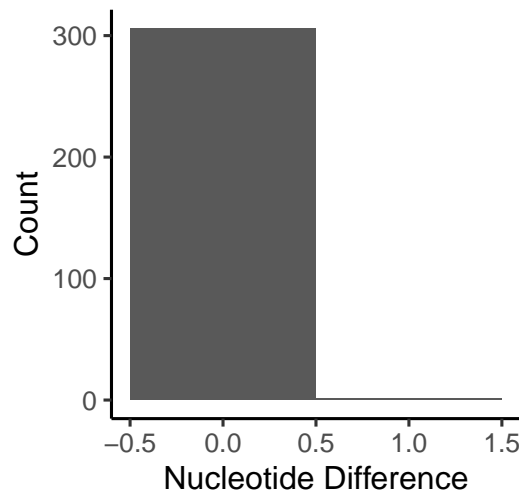
TRBV20–1*ap02

861 sequences assigned
859 (99.8%) exact matches, in which:
853 unique CDR3
13 unique J



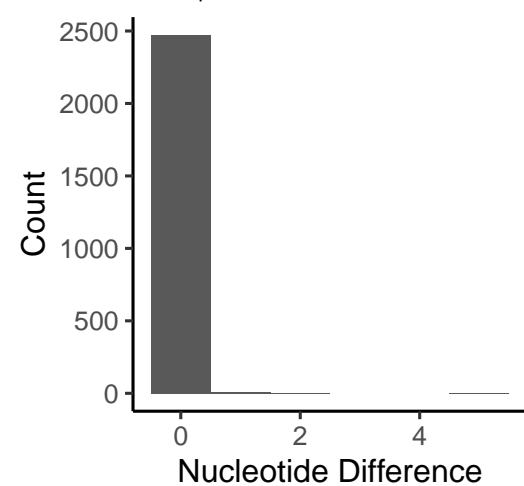
TRBV1*ap01

307 sequences assigned
306 (99.7%) exact matches, in which:
305 unique CDR3
13 unique J



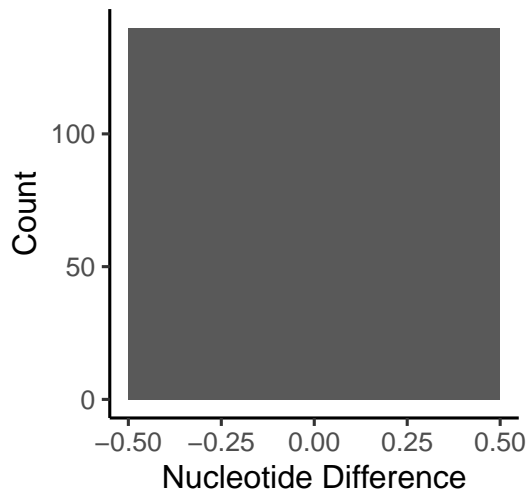
TRBV15*ap02

2482 sequences assigned
2472 (99.6%) exact matches, in which:
2462 unique CDR3
13 unique J



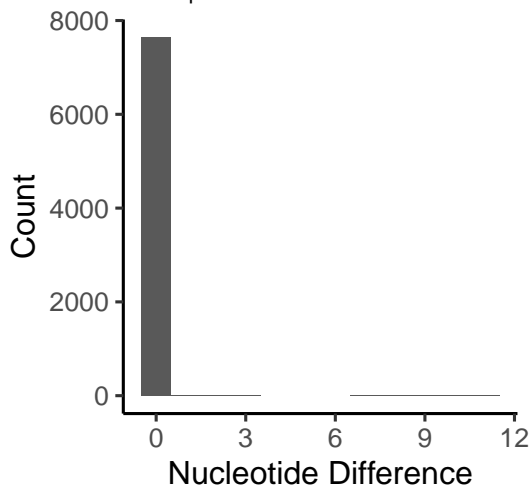
TRBV16*ap01

140 sequences assigned
140 (100%) exact matches, in which:
139 unique CDR3
13 unique J



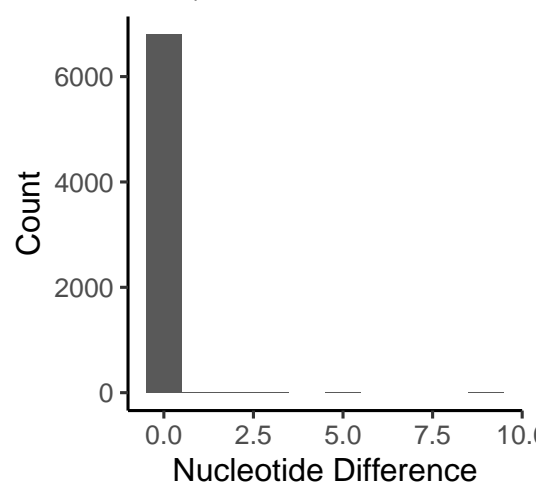
TRBV19*ap01

7663 sequences assigned
7640 (99.7%) exact matches, in which:
7634 unique CDR3
13 unique J



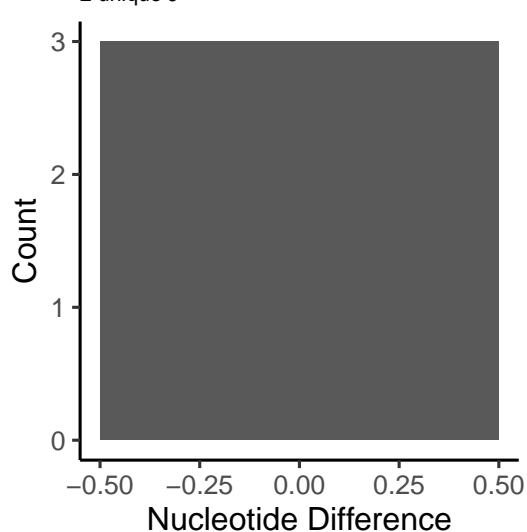
TRBV27*ap01

6825 sequences assigned
6801 (99.6%) exact matches, in which:
6777 unique CDR3
13 unique J



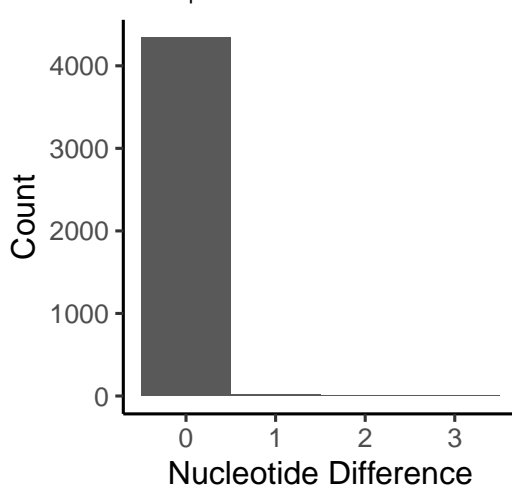
TRBV17*ap01

3 sequences assigned
3 (100%) exact matches, in which:
3 unique CDR3
2 unique J



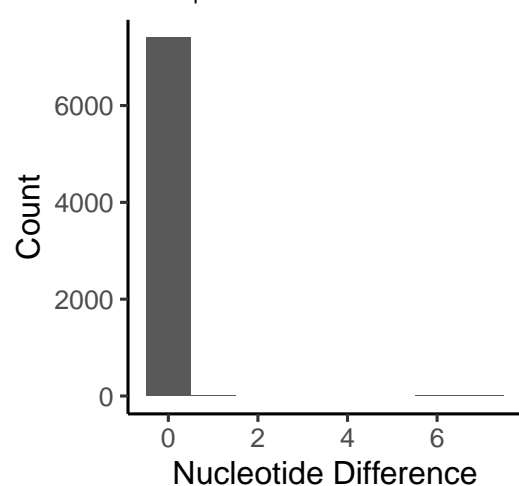
TRBV2*ap01

4358 sequences assigned
4340 (99.6%) exact matches, in which:
4324 unique CDR3
13 unique J



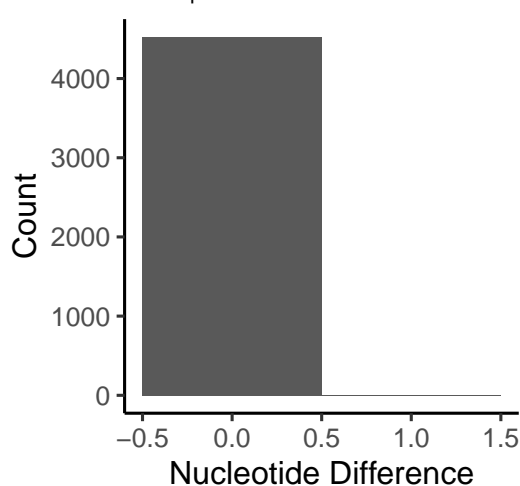
TRBV28*ap01

7416 sequences assigned
7401 (99.8%) exact matches, in which:
7381 unique CDR3
13 unique J



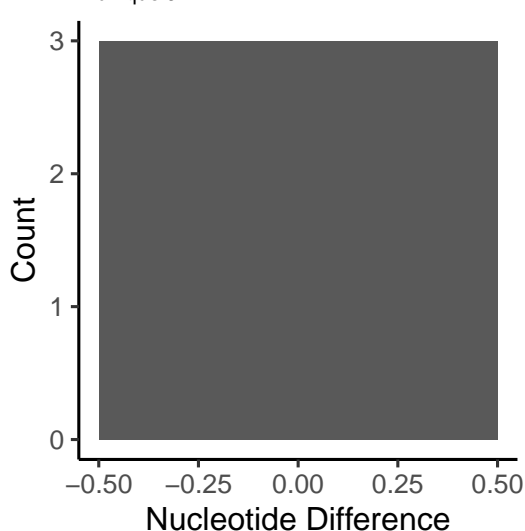
TRBV18*ap01

4529 sequences assigned
4524 (99.9%) exact matches, in which:
4514 unique CDR3
13 unique J



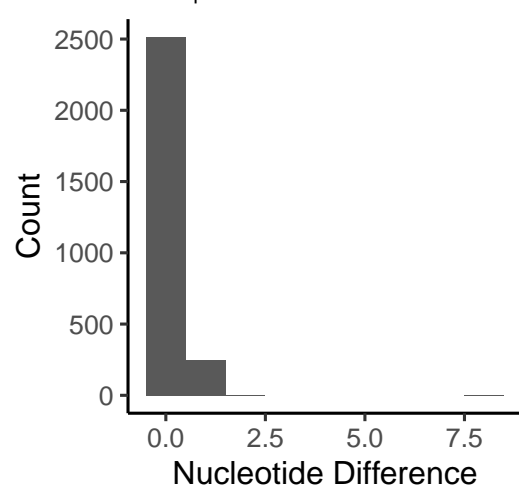
TRBV26*ap01

3 sequences assigned
3 (100%) exact matches, in which:
3 unique CDR3
2 unique J



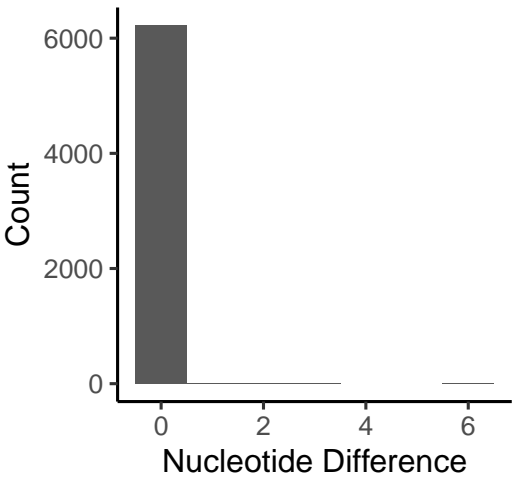
TRBV30*ap01

2765 sequences assigned
2514 (90.9%) exact matches, in which:
2502 unique CDR3
13 unique J



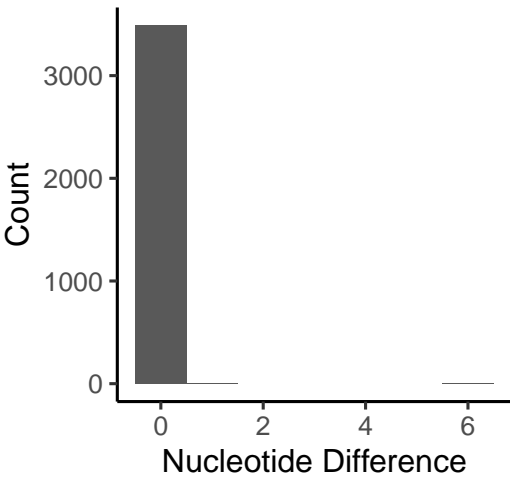
TRBV9*ap01

6239 sequences assigned
6222 (99.7%) exact matches, in which:
6200 unique CDR3
13 unique J



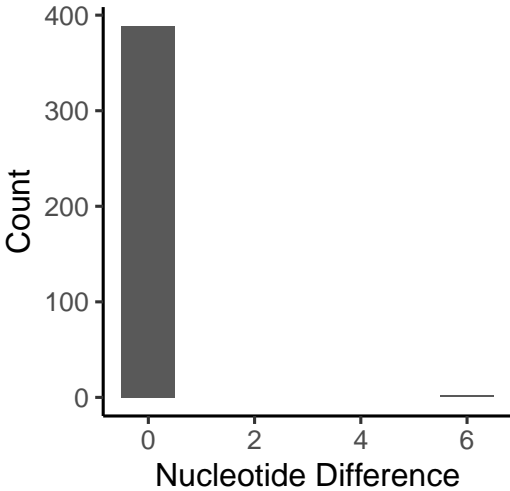
TRBV11-2*ap01

3491 sequences assigned
3489 (99.9%) exact matches, in which:
3481 unique CDR3
13 unique J



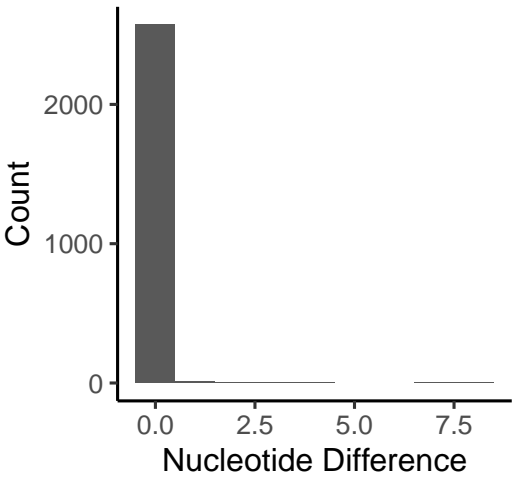
TRBV12-2*ap01

391 sequences assigned
389 (99.5%) exact matches, in which:
389 unique CDR3
13 unique J



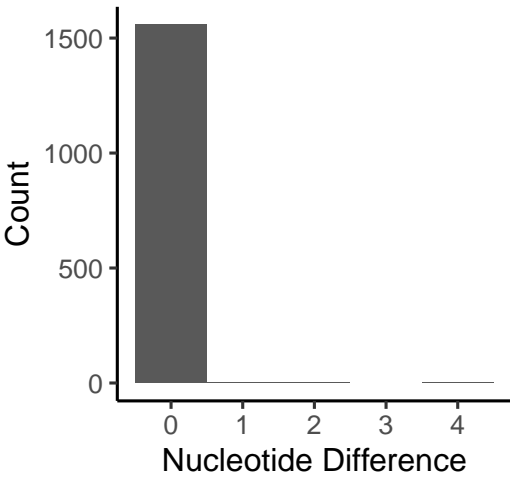
TRBV21-1*ap01

2590 sequences assigned
2572 (99.3%) exact matches, in which:
2572 unique CDR3
13 unique J



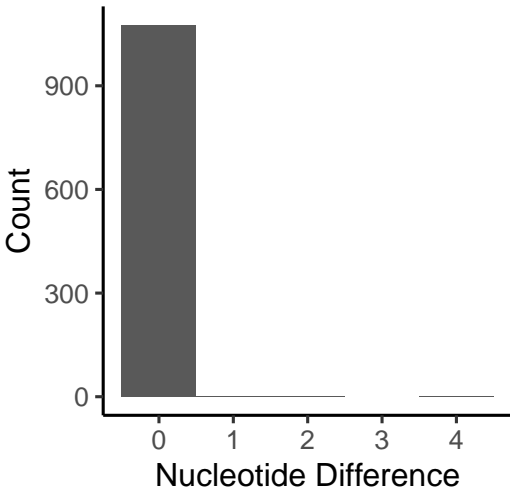
TRBV11-3*ap01

1563 sequences assigned
1558 (99.7%) exact matches, in which:
1555 unique CDR3
13 unique J



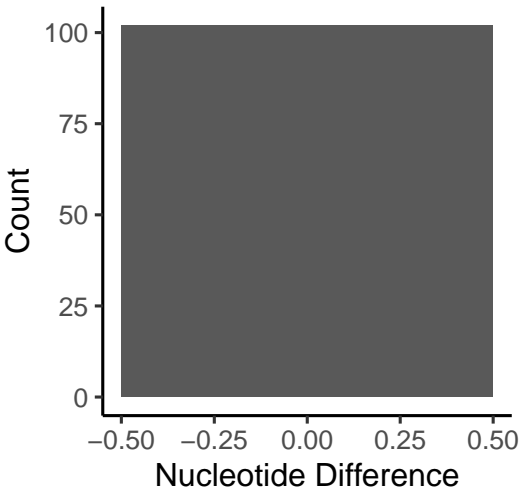
TRBV12-5*ap01

1079 sequences assigned
1076 (99.7%) exact matches, in which:
1076 unique CDR3
13 unique J



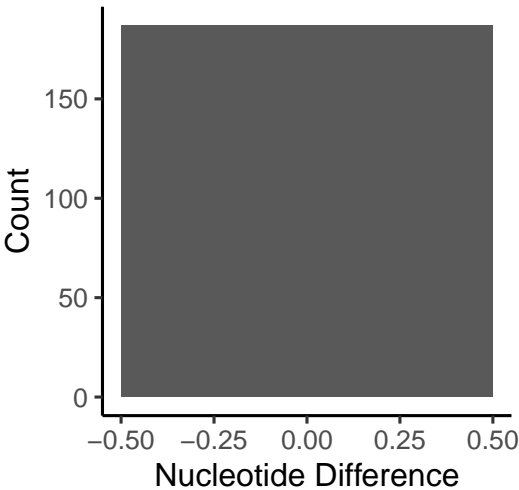
TRBV11-1*ap01

102 sequences assigned
102 (100%) exact matches, in which:
102 unique CDR3
13 unique J



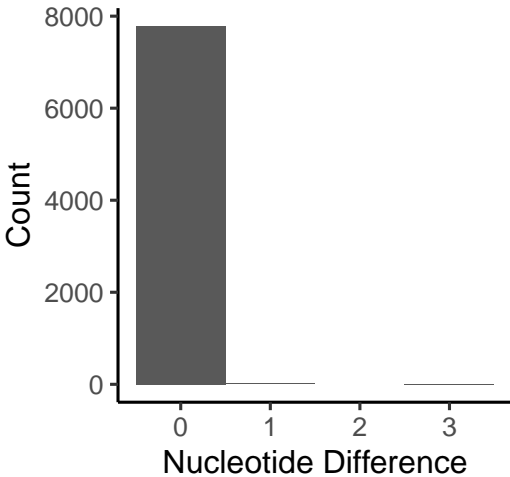
TRBV12-1*ap01

187 sequences assigned
187 (100%) exact matches, in which:
187 unique CDR3
13 unique J



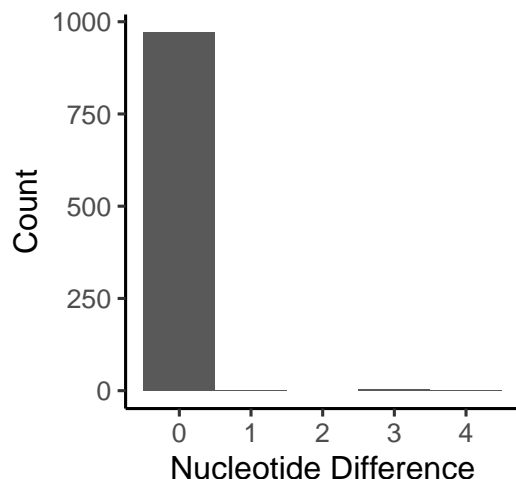
TRBV12-34*ap01

7806 sequences assigned
7785 (99.7%) exact matches, in which:
7773 unique CDR3
14 unique J



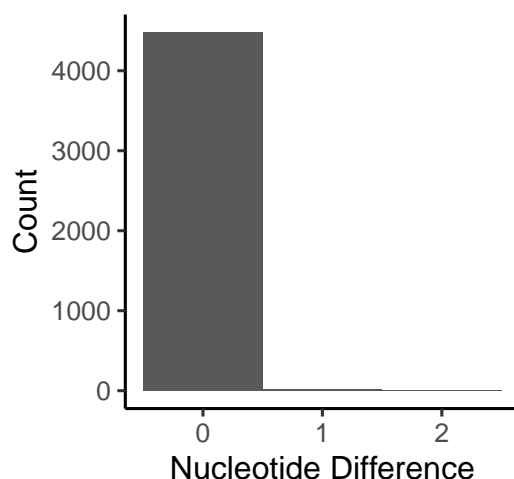
TRBV23-1*ap01

978 sequences assigned
971 (99.3%) exact matches, in which:
971 unique CDR3
13 unique J



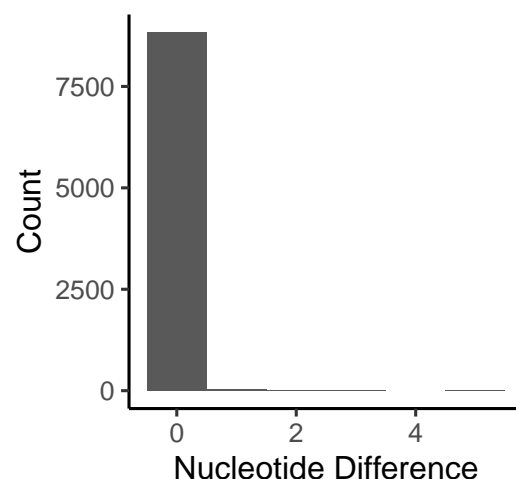
TRBV4-1*ap01

4493 sequences assigned
4479 (99.7%) exact matches, in which:
4463 unique CDR3
13 unique J



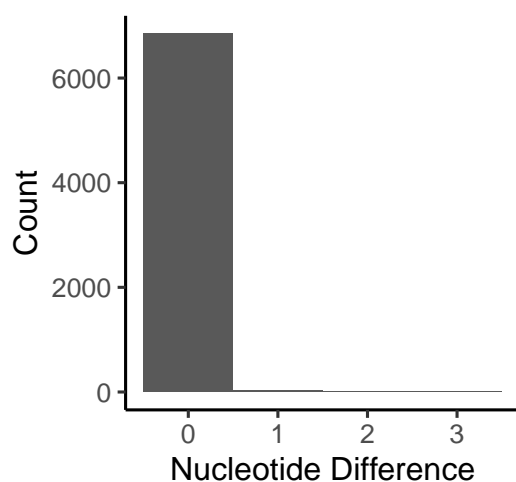
TRBV5-1*ap01

8862 sequences assigned
8832 (99.7%) exact matches, in which:
8782 unique CDR3
13 unique J



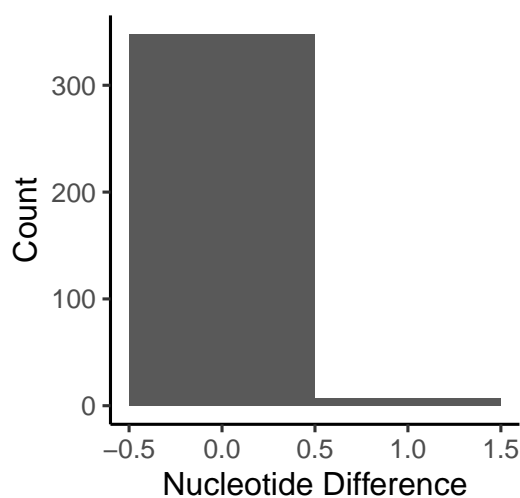
TRBV3-12*ap01

6880 sequences assigned
6847 (99.5%) exact matches, in which:
6828 unique CDR3
13 unique J



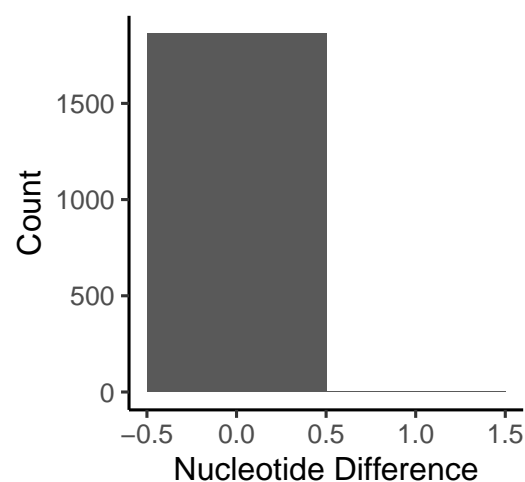
TRBV4-2*ap01

355 sequences assigned
348 (98%) exact matches, in which:
347 unique CDR3
13 unique J



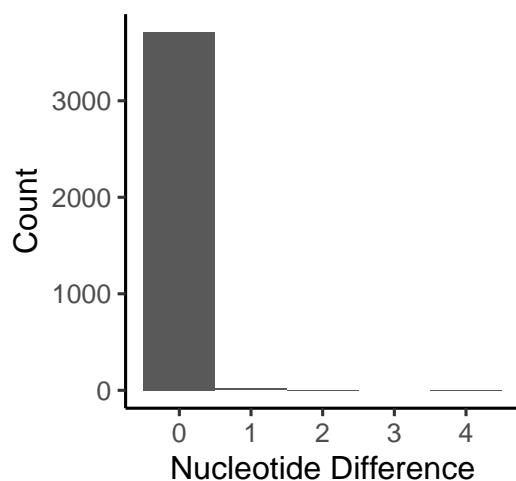
TRBV25-1*ap01

1866 sequences assigned
1862 (99.8%) exact matches, in which:
1859 unique CDR3
13 unique J



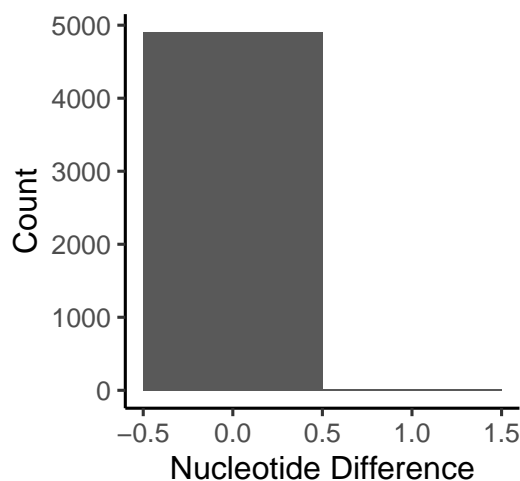
TRBV24-1*ap01

3737 sequences assigned
3712 (99.3%) exact matches, in which:
3706 unique CDR3
13 unique J



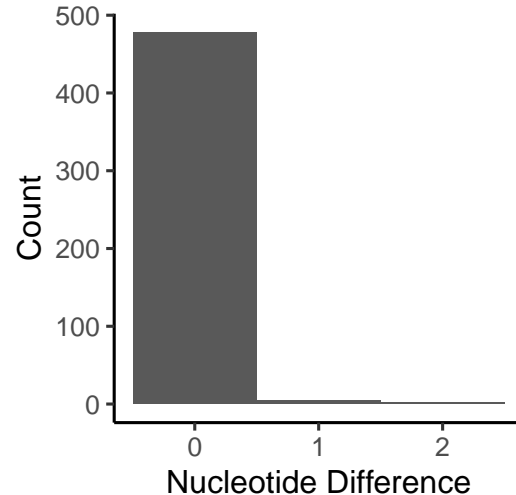
TRBV4-3*ap01

4923 sequences assigned
4906 (99.7%) exact matches, in which:
4888 unique CDR3
13 unique J



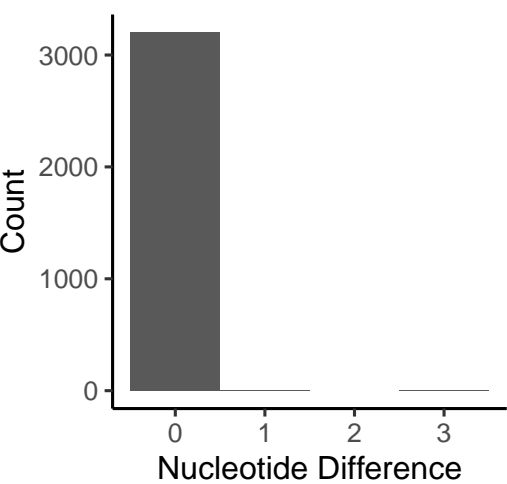
TRBV5-3*ap01

484 sequences assigned
478 (98.8%) exact matches, in which:
477 unique CDR3
13 unique J



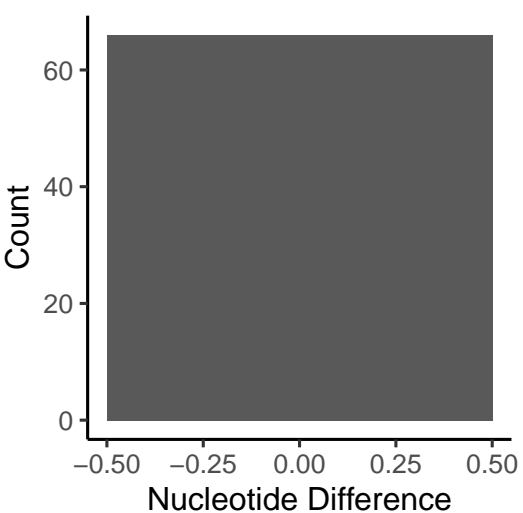
TRBV5-4*ap01

3207 sequences assigned
3202 (99.8%) exact matches, in which:
3196 unique CDR3
13 unique J



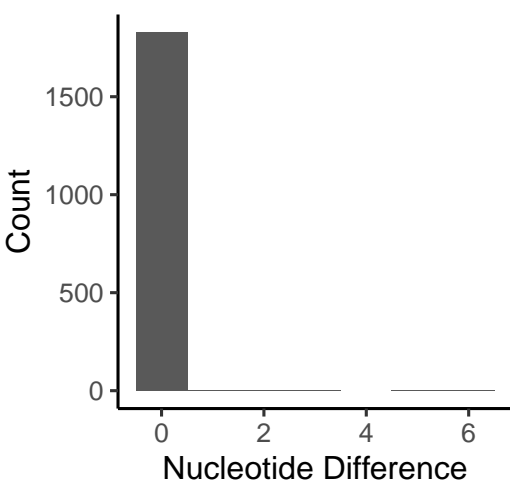
TRBV5-7*ap01

66 sequences assigned
66 (100%) exact matches, in which:
66 unique CDR3
13 unique J



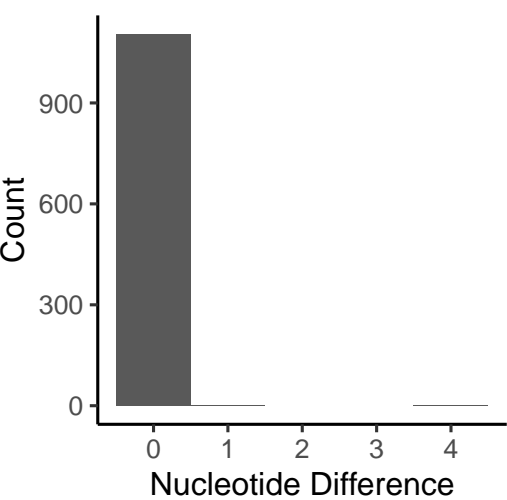
TRBV6-4*ap01

1838 sequences assigned
1828 (99.5%) exact matches, in which:
1827 unique CDR3
13 unique J



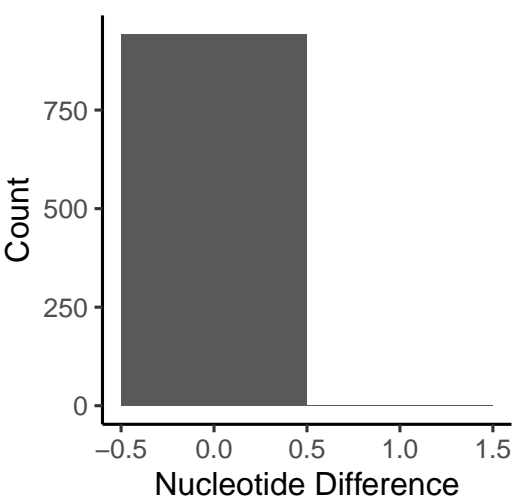
TRBV5-5*ap01

1107 sequences assigned
1105 (99.8%) exact matches, in which:
1105 unique CDR3
13 unique J



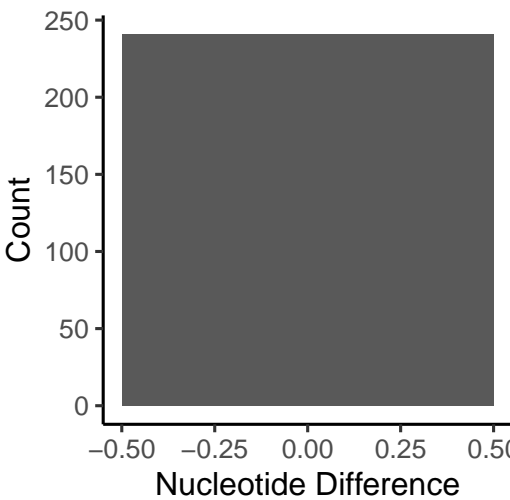
TRBV5-8*ap01

945 sequences assigned
943 (99.8%) exact matches, in which:
943 unique CDR3
13 unique J



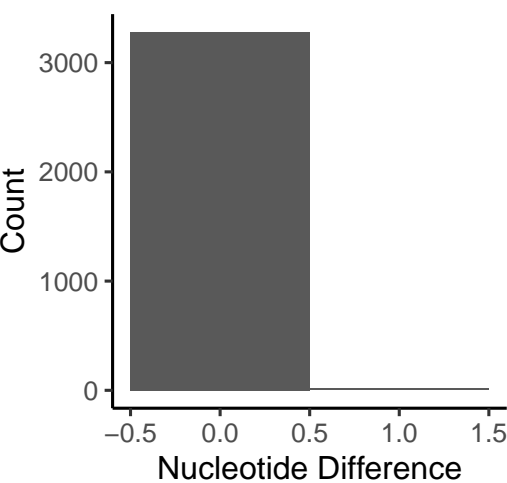
TRBV6-7*ap01

241 sequences assigned
241 (100%) exact matches, in which:
239 unique CDR3
13 unique J



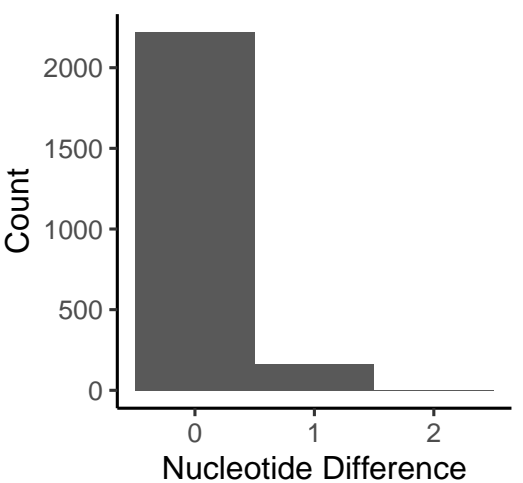
TRBV5-6*ap01

3296 sequences assigned
3280 (99.5%) exact matches, in which:
3265 unique CDR3
13 unique J



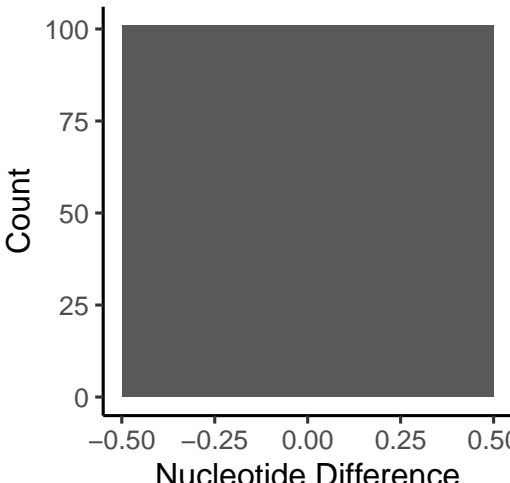
TRBV6-1*ap01

2385 sequences assigned
2221 (93.1%) exact matches, in which:
2214 unique CDR3
13 unique J



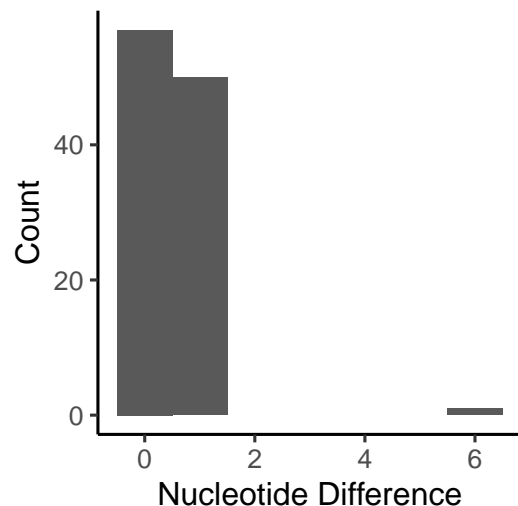
TRBV6-8*ap01

101 sequences assigned
101 (100%) exact matches, in which:
99 unique CDR3
13 unique J



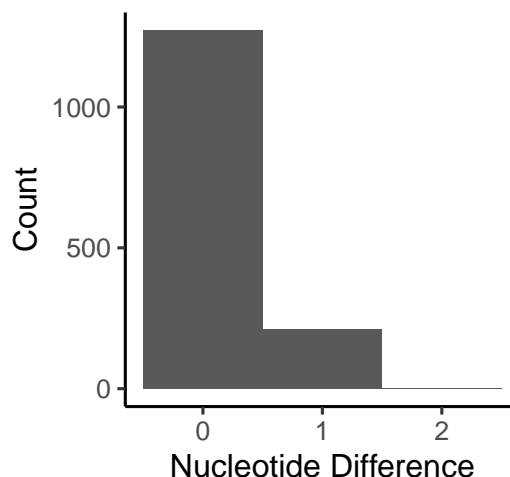
TRBV6-9*ap01

108 sequences assigned
57 (52.8%) exact matches, in which:
57 unique CDR3
11 unique J



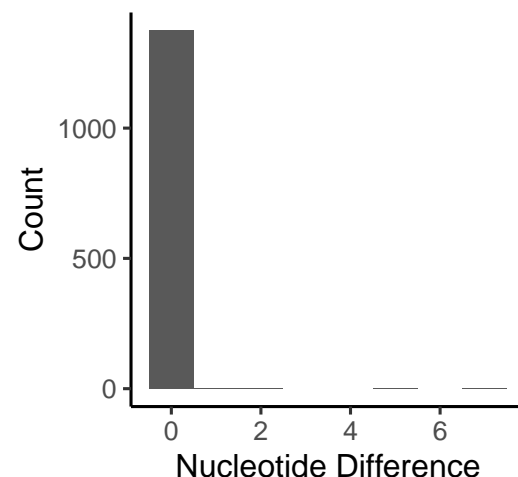
TRBV6-56*ap02

1486 sequences assigned
1272 (85.6%) exact matches, in which:
1267 unique CDR3
13 unique J



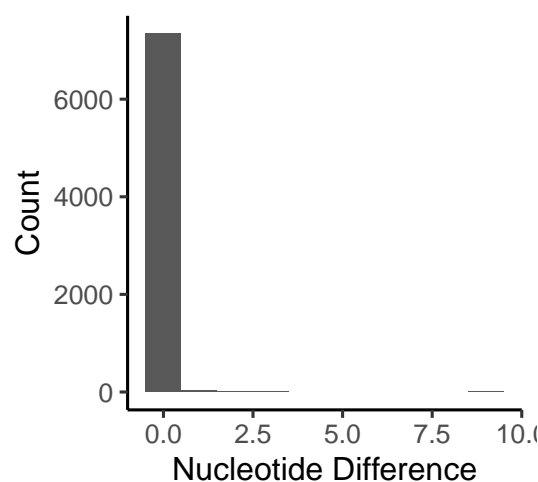
TRBV7-3*ap02

1380 sequences assigned
1375 (99.6%) exact matches, in which:
1373 unique CDR3
13 unique J



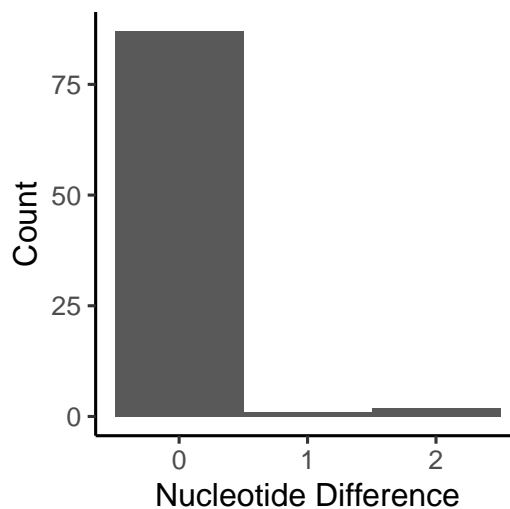
TRBV6-23*ap01

7366 sequences assigned
7341 (99.7%) exact matches, in which:
7317 unique CDR3
13 unique J



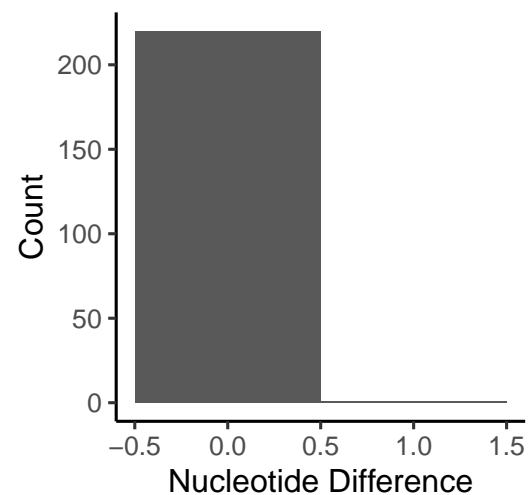
TRBV7-1*ap01_G291C_T

90 sequences assigned
87 (96.7%) exact matches, in which:
87 unique CDR3
13 unique J



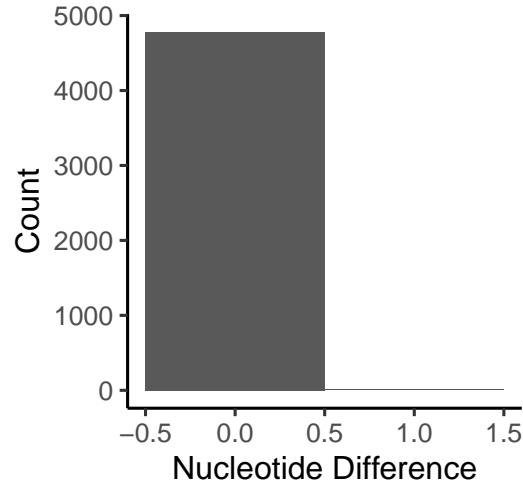
TRBV7-4*ap01

221 sequences assigned
220 (99.5%) exact matches, in which:
220 unique CDR3
13 unique J



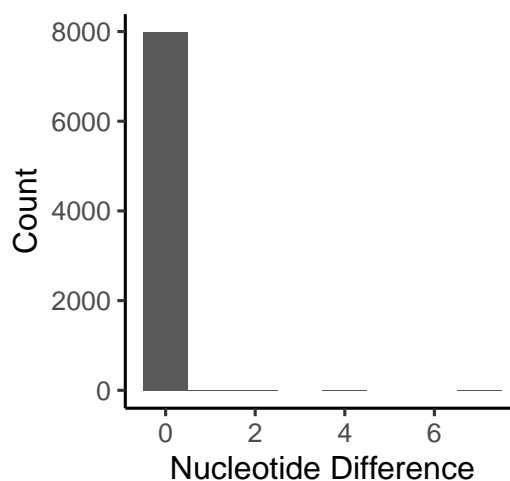
TRBV6-56*ap01

4793 sequences assigned
4780 (99.7%) exact matches, in which:
4768 unique CDR3
13 unique J



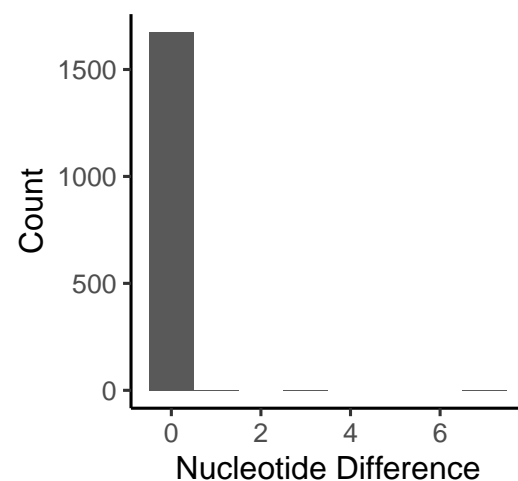
TRBV7-2*ap01

8002 sequences assigned
7988 (99.8%) exact matches, in which:
7975 unique CDR3
13 unique J



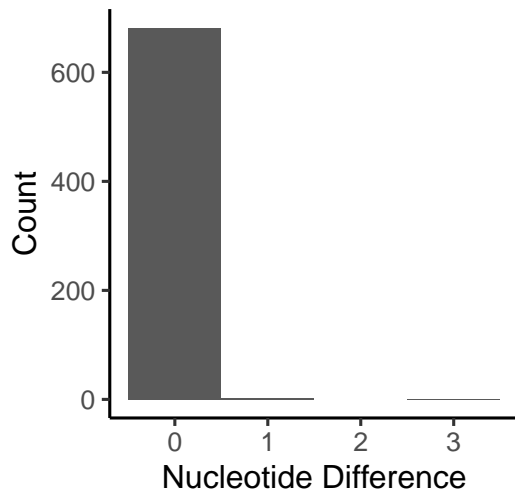
TRBV7-6*ap01

1678 sequences assigned
1675 (99.8%) exact matches, in which:
1670 unique CDR3
13 unique J



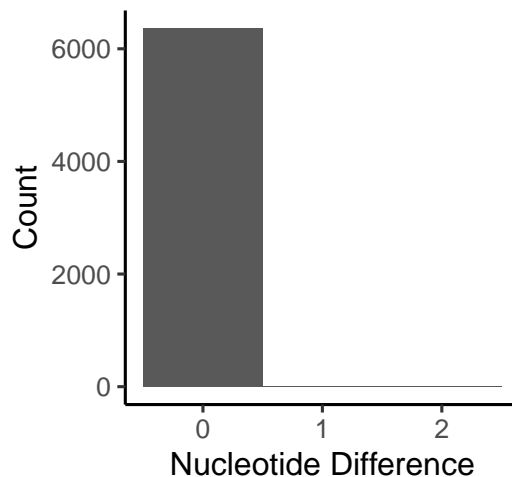
TRBV7-7*ap01

686 sequences assigned
682 (99.4%) exact matches, in which:
679 unique CDR3
13 unique J



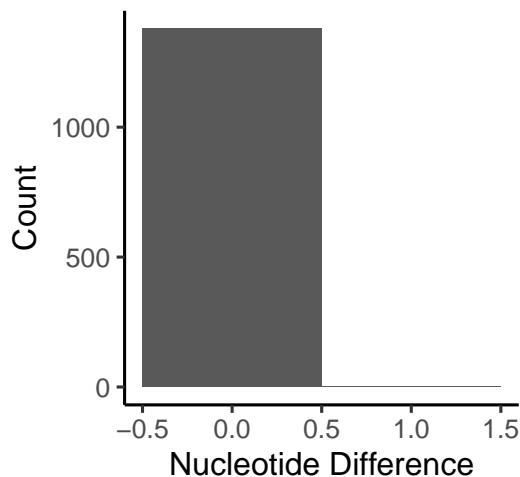
TRBV7-9*ap01

6373 sequences assigned
6362 (99.8%) exact matches, in which:
6348 unique CDR3
13 unique J



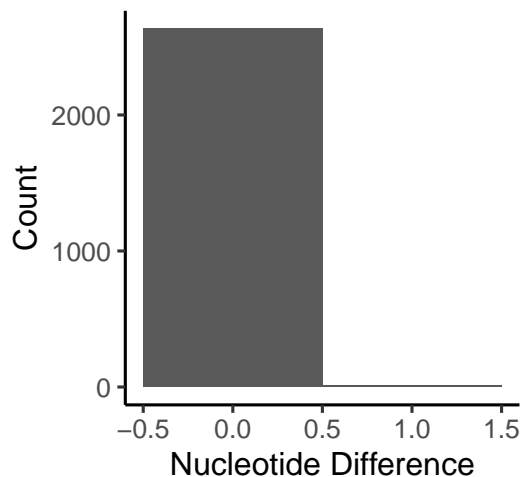
TRBV7-8*ap01

1382 sequences assigned
1379 (99.8%) exact matches, in which:
1376 unique CDR3
13 unique J



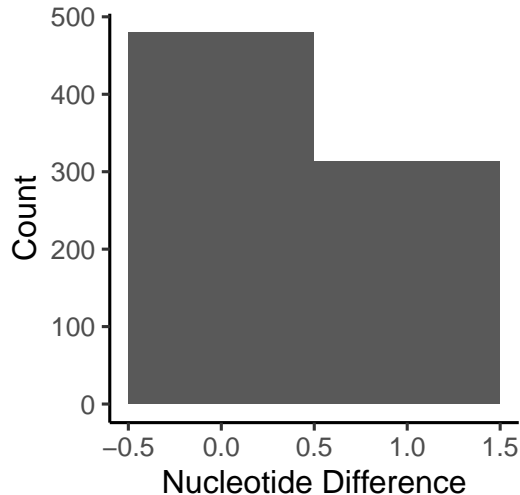
TRBV29-1*ap01

2648 sequences assigned
2634 (99.5%) exact matches, in which:
2626 unique CDR3
13 unique J



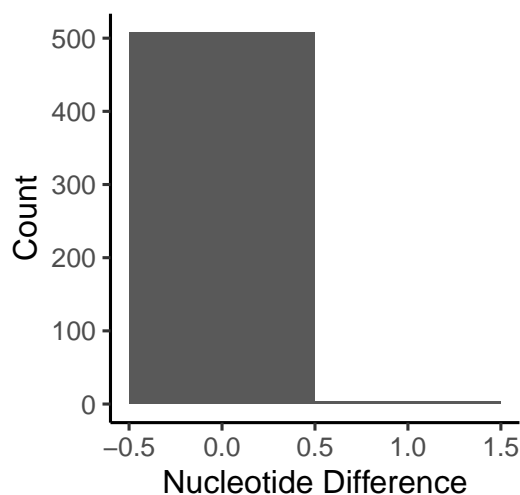
TRBV7-8*ap03

793 sequences assigned
480 (60.5%) exact matches, in which:
479 unique CDR3
13 unique J

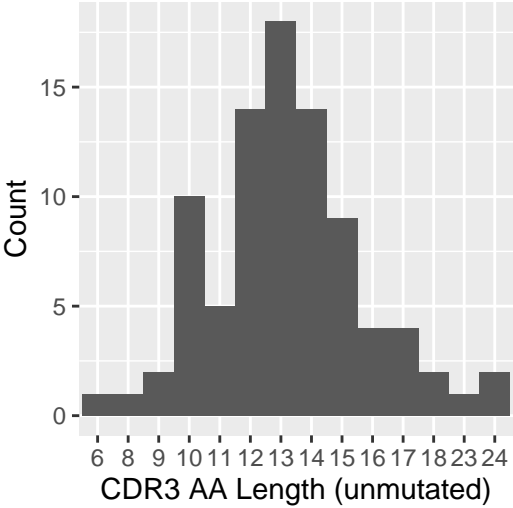


TRBV29-1*ap02

511 sequences assigned
508 (99.4%) exact matches, in which:
507 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C





Warning – no inferred sequences found.

Warning – no inferred sequences found.