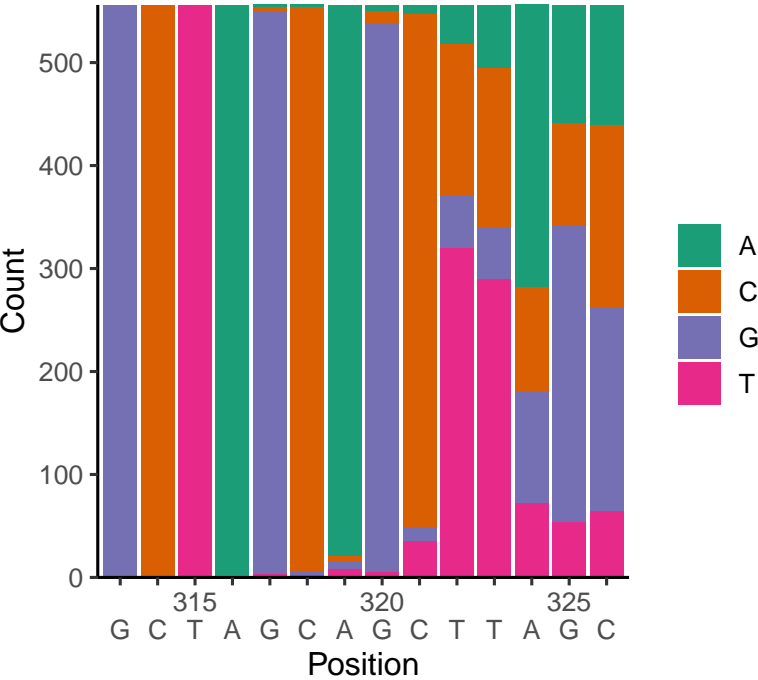


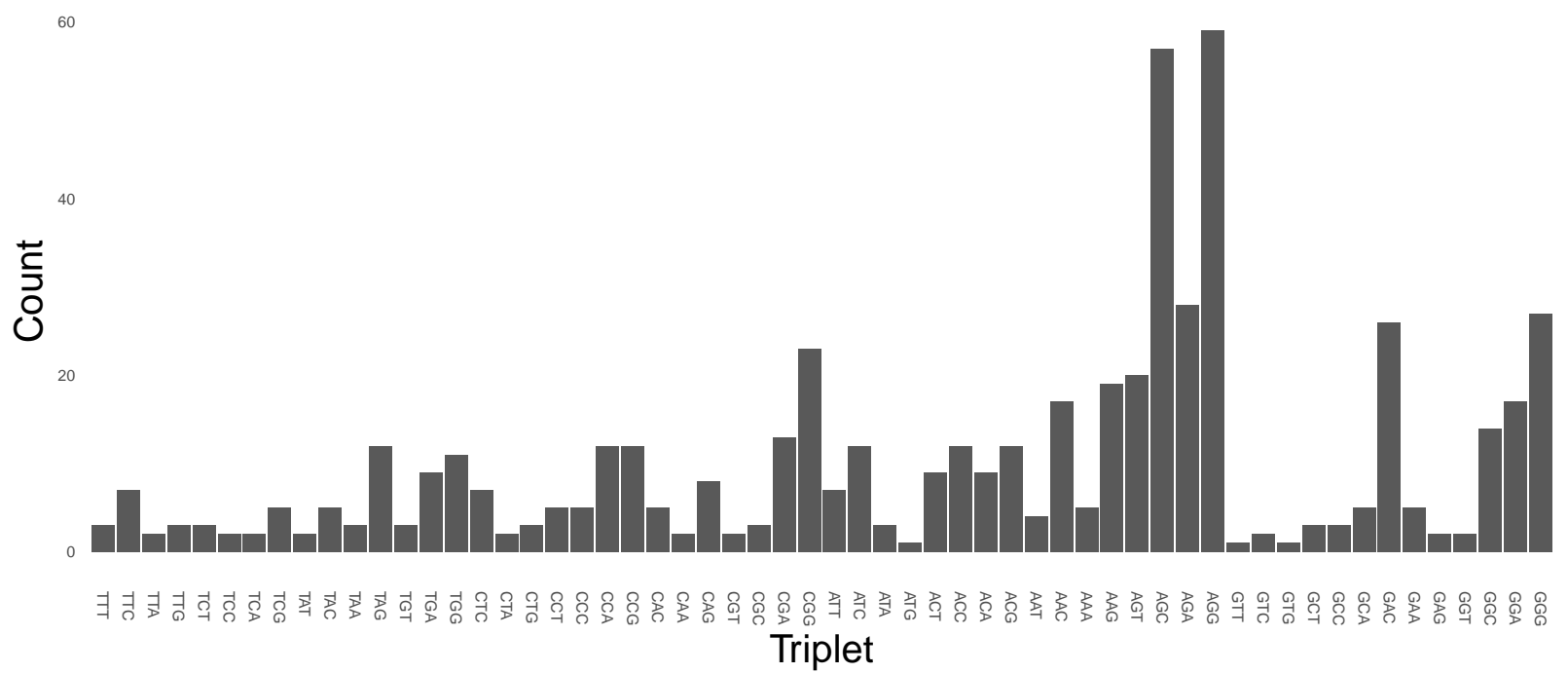
Gene TRBV7-7*ap01_C315T



Gene TRBV7-7*ap01_C315T

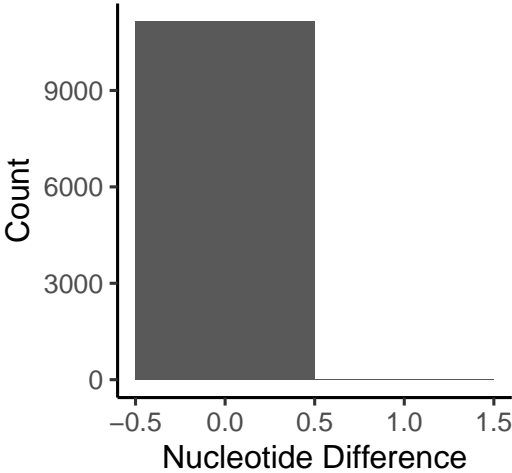


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



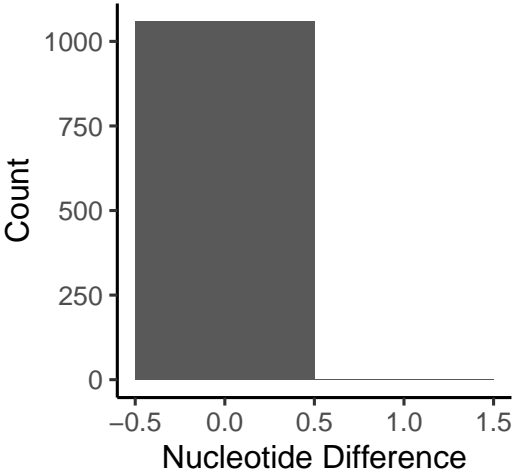
TRBV20–1*ap01

11171 sequences assigned
11149 (99.8%) exact matches, in which:
11134 unique CDR3
13 unique J



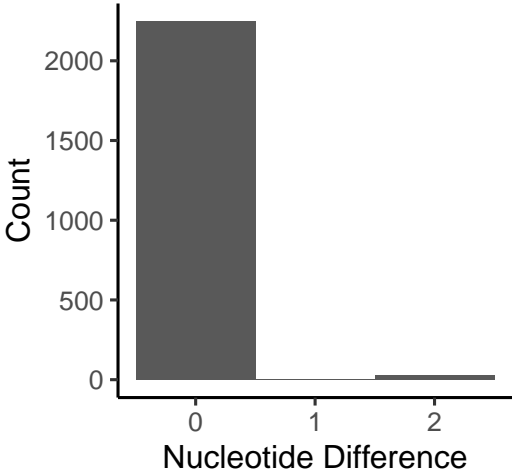
TRBV10–2*ap01

1060 sequences assigned
1059 (99.9%) exact matches, in which:
1059 unique CDR3
13 unique J



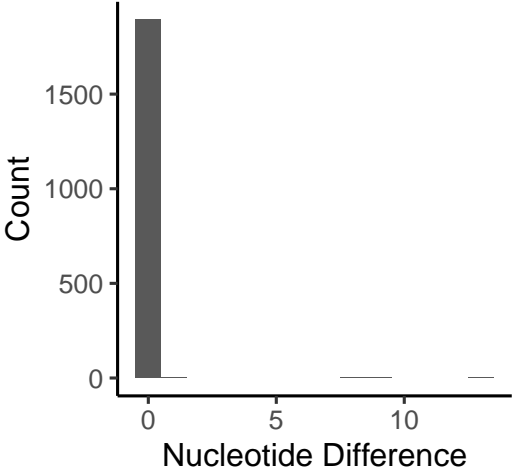
TRBV13*ap01

2277 sequences assigned
2247 (98.7%) exact matches, in which:
2247 unique CDR3
13 unique J



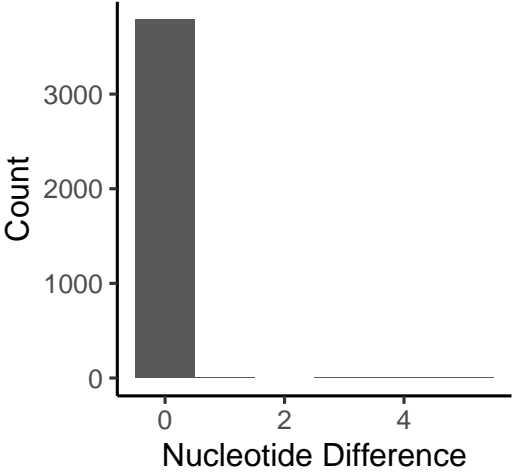
TRBV10–1*ap01

1900 sequences assigned
1893 (99.6%) exact matches, in which:
1892 unique CDR3
13 unique J



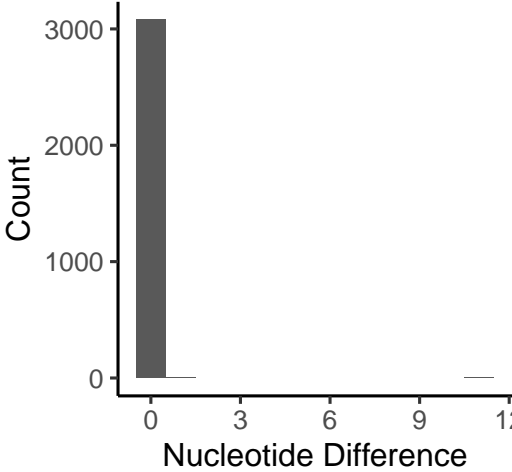
TRBV10–3*ap01

3795 sequences assigned
3786 (99.8%) exact matches, in which:
3786 unique CDR3
13 unique J



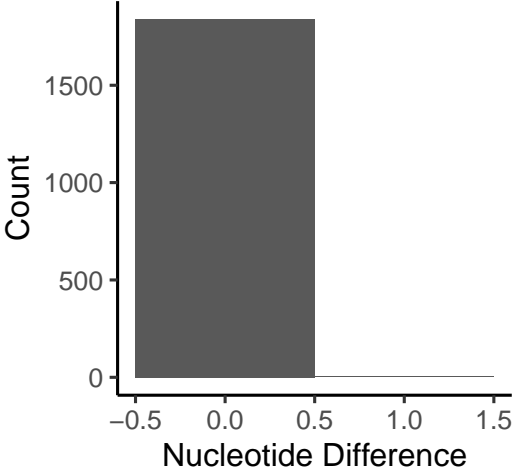
TRBV14*ap01

3083 sequences assigned
3079 (99.9%) exact matches, in which:
3079 unique CDR3
13 unique J



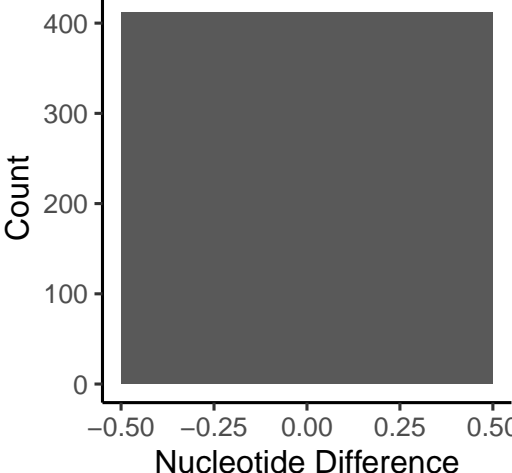
TRBV20–1*ap02

1844 sequences assigned
1840 (99.8%) exact matches, in which:
1839 unique CDR3
13 unique J



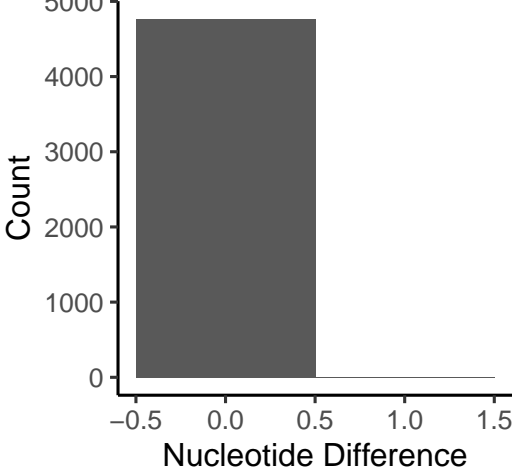
TRBV1*ap01

412 sequences assigned
412 (100%) exact matches, in which:
410 unique CDR3
13 unique J



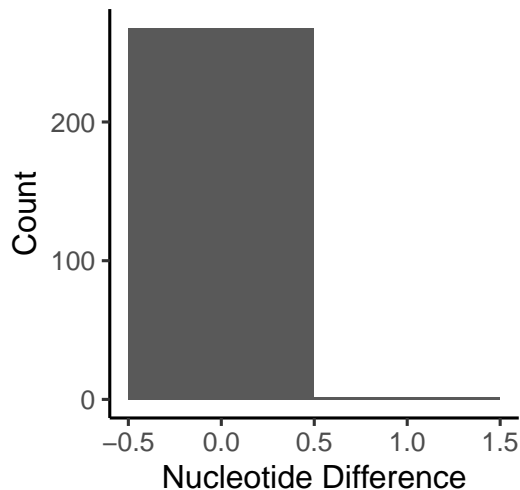
TRBV15*ap02

4773 sequences assigned
4765 (99.8%) exact matches, in which:
4761 unique CDR3
13 unique J



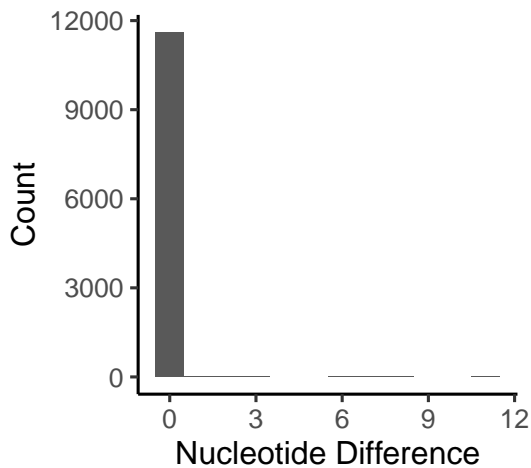
TRBV16*ap01

270 sequences assigned
268 (99.3%) exact matches, in which:
268 unique CDR3
13 unique J



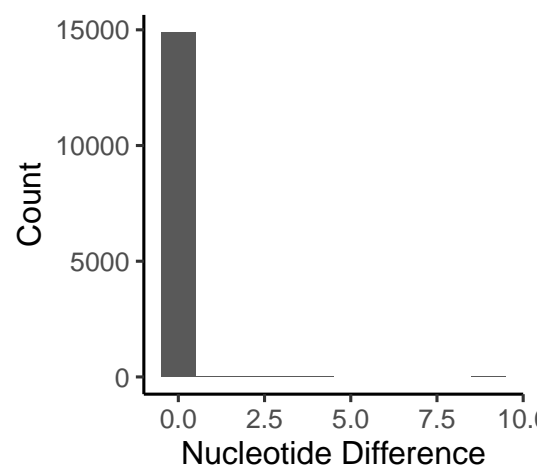
TRBV19*ap01

11642 sequences assigned
11611 (99.7%) exact matches, in which:
11611 unique CDR3
13 unique J



TRBV27*ap01

14953 sequences assigned
14899 (99.6%) exact matches, in which:
14872 unique CDR3
13 unique J



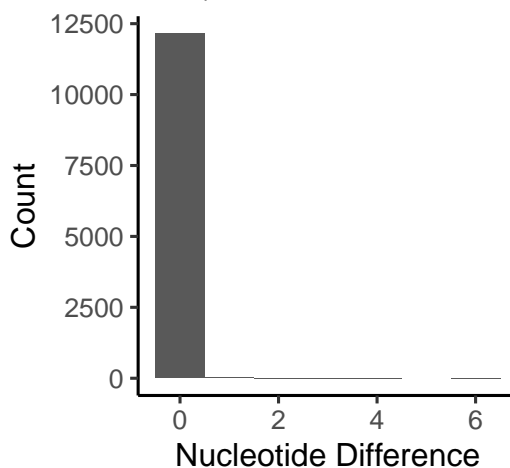
TRBV17*ap01

1 sequences assigned
No exact matches.



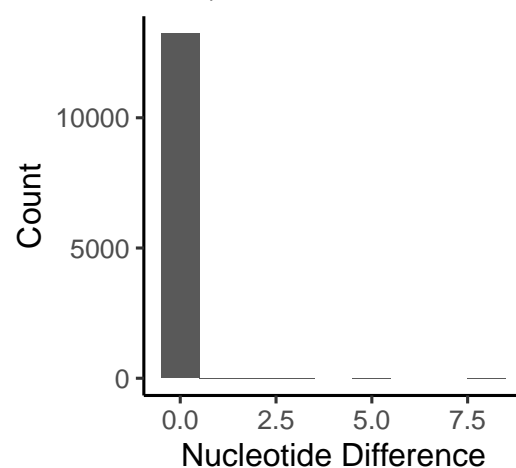
TRBV2*ap01

12182 sequences assigned
12154 (99.8%) exact matches, in which:
12138 unique CDR3
13 unique J



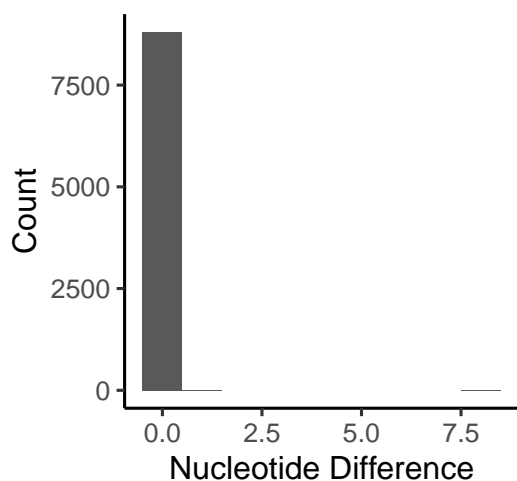
TRBV28*ap01

13257 sequences assigned
13236 (99.8%) exact matches, in which:
13234 unique CDR3
13 unique J



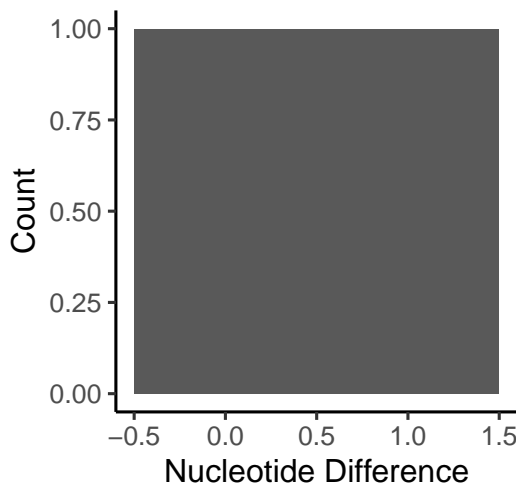
TRBV18*ap01

8812 sequences assigned
8803 (99.9%) exact matches, in which:
8803 unique CDR3
13 unique J



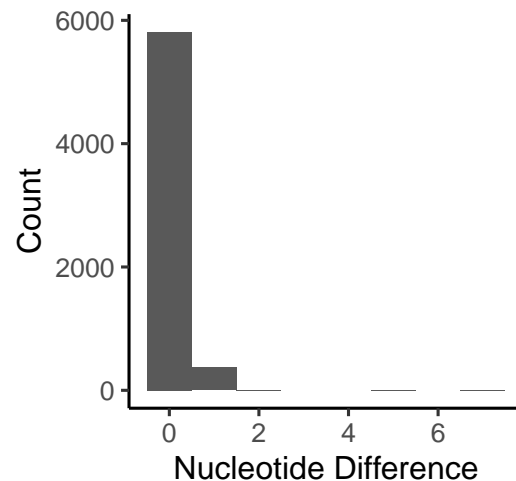
TRBV26*ap01

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



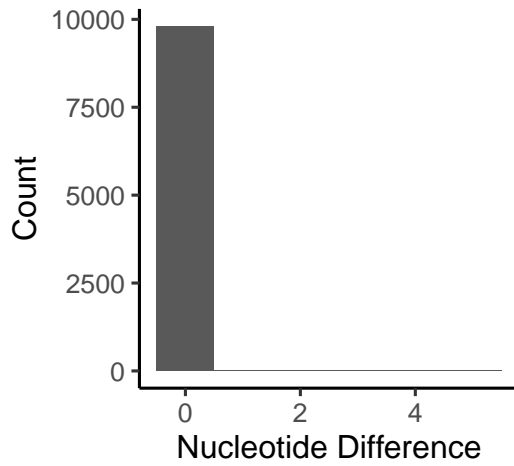
TRBV30*ap01

6185 sequences assigned
5810 (93.9%) exact matches, in which:
5797 unique CDR3
13 unique J



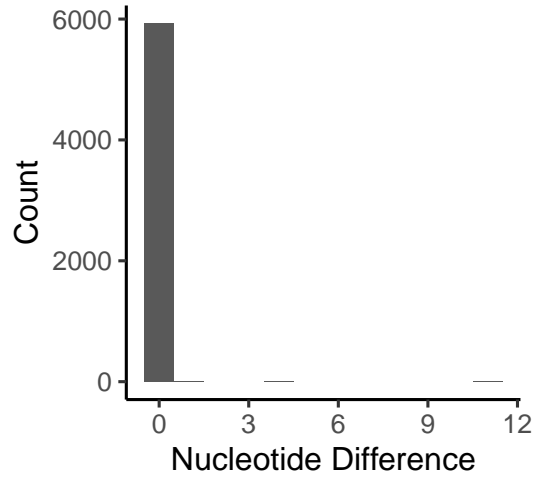
TRBV9*ap01

9825 sequences assigned
9807 (99.8%) exact matches, in which:
9798 unique CDR3
13 unique J



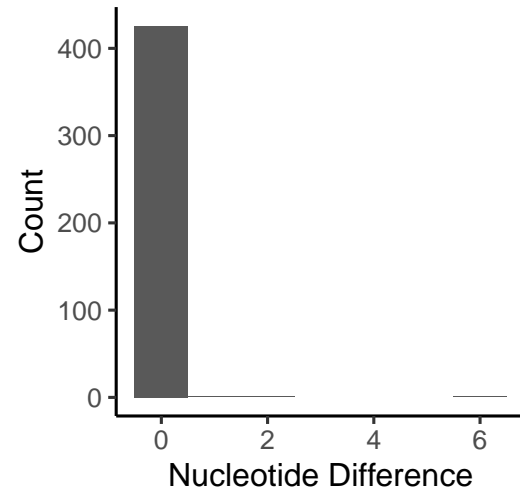
TRBV11-2*ap01

5933 sequences assigned
5928 (99.9%) exact matches, in which:
5928 unique CDR3
13 unique J



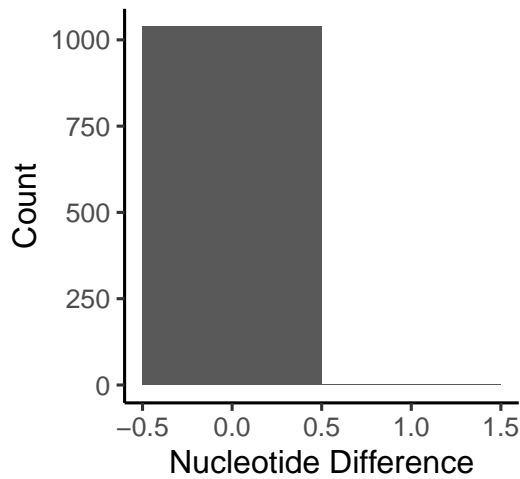
TRBV12-2*ap01

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



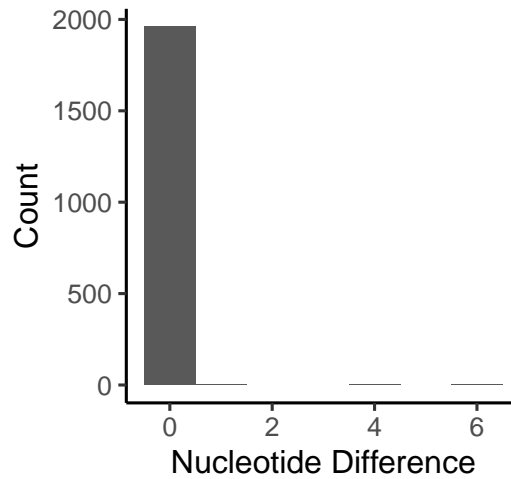
TRBV11-1*ap01

1039 sequences assigned
1038 (99.9%) exact matches, in which:
1038 unique CDR3
13 unique J



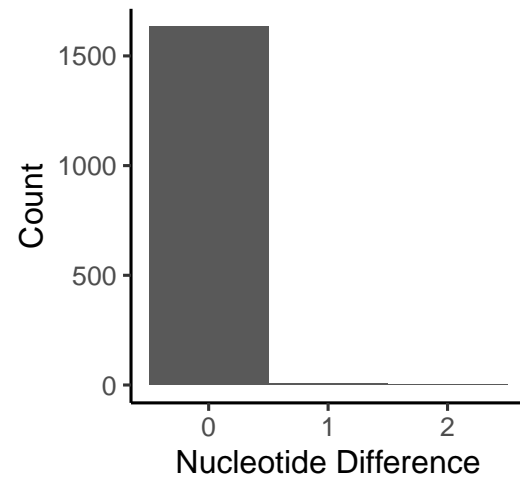
TRBV11-3*ap01

1964 sequences assigned
1960 (99.8%) exact matches, in which:
1960 unique CDR3
13 unique J



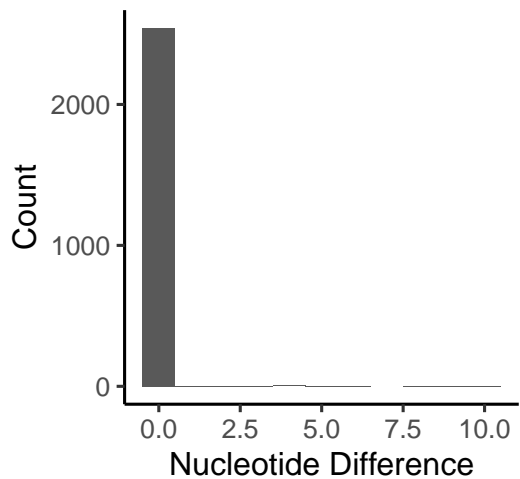
TRBV12-5*ap01

1641 sequences assigned
1633 (99.5%) exact matches, in which:
1633 unique CDR3
13 unique J



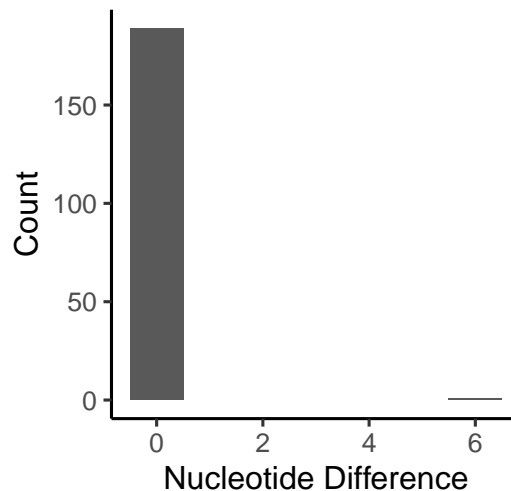
TRBV21-1*ap01

2561 sequences assigned
2542 (99.3%) exact matches, in which:
2542 unique CDR3
13 unique J



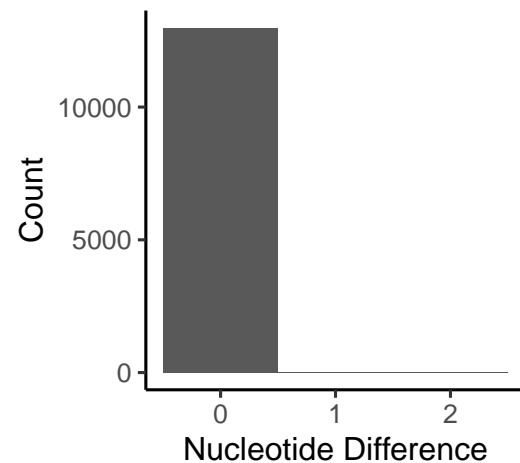
TRBV12-1*ap01

190 sequences assigned
189 (99.5%) exact matches, in which:
189 unique CDR3
13 unique J



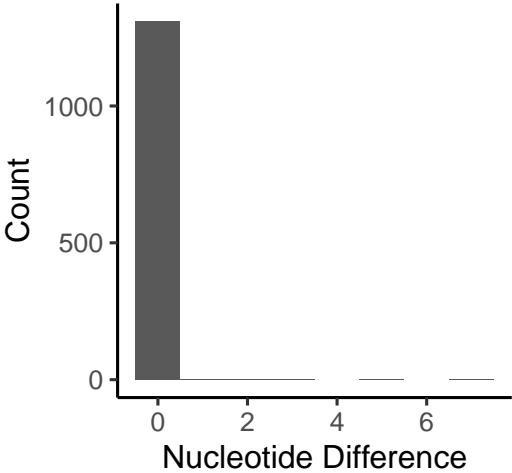
TRBV12-34*ap01

12999 sequences assigned
12987 (99.9%) exact matches, in which:
12985 unique CDR3
13 unique J



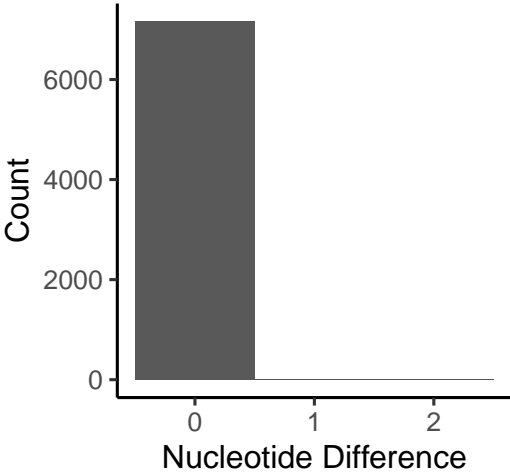
TRBV23-1*ap01

1314 sequences assigned
1309 (99.6%) exact matches, in which:
1309 unique CDR3
13 unique J



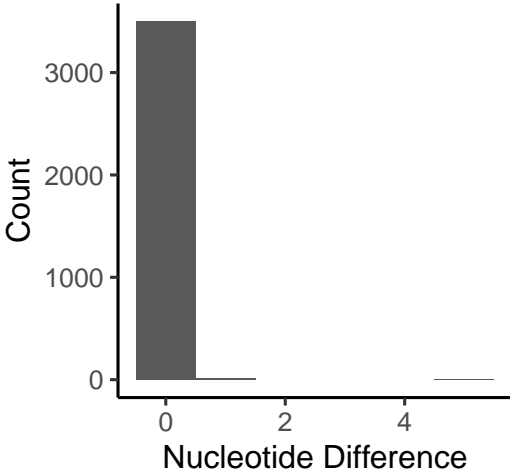
TRBV4-1*ap01

7173 sequences assigned
7162 (99.8%) exact matches, in which:
7159 unique CDR3
13 unique J



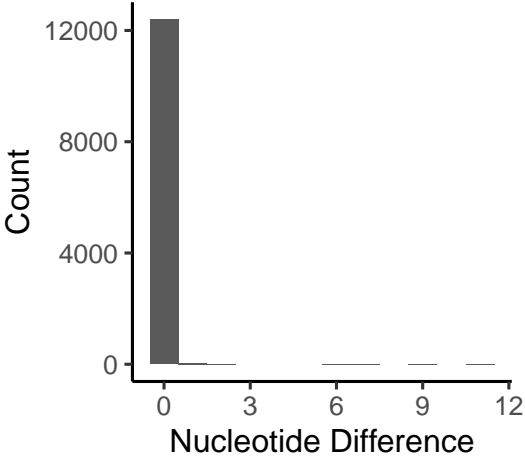
TRBV25-1*ap01

3512 sequences assigned
3500 (99.7%) exact matches, in which:
3493 unique CDR3
13 unique J



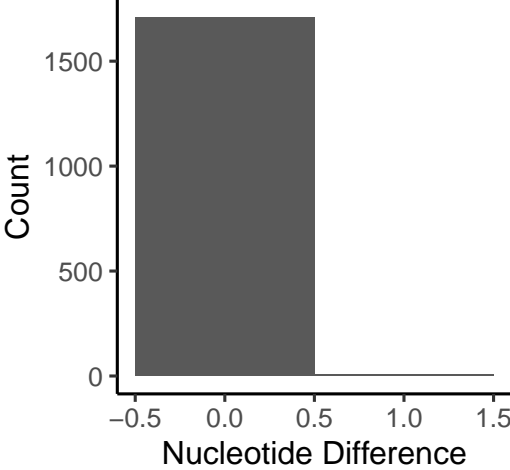
TRBV3-12*ap01

12436 sequences assigned
12395 (99.7%) exact matches, in which:
12371 unique CDR3
13 unique J



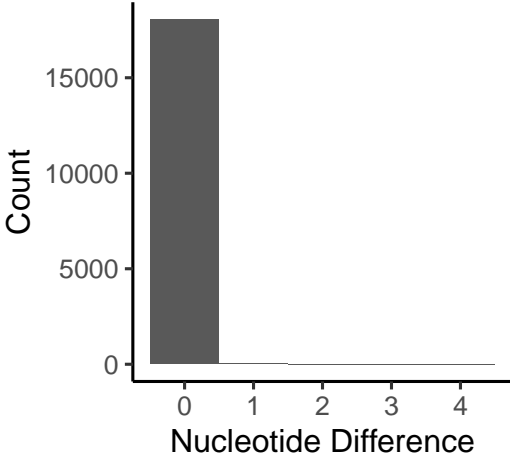
TRBV4-2*ap01

1716 sequences assigned
1707 (99.5%) exact matches, in which:
1706 unique CDR3
13 unique J



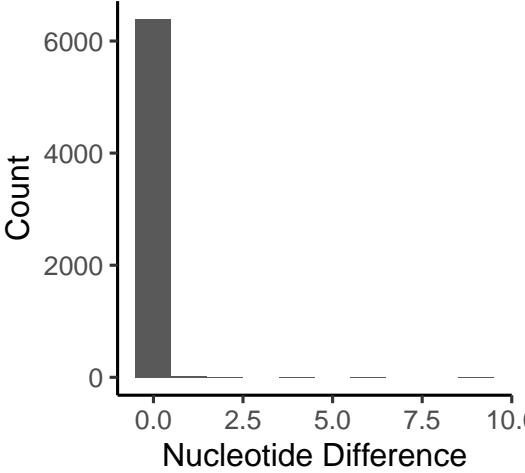
TRBV5-1*ap01

18083 sequences assigned
18051 (99.8%) exact matches, in which:
18027 unique CDR3
13 unique J



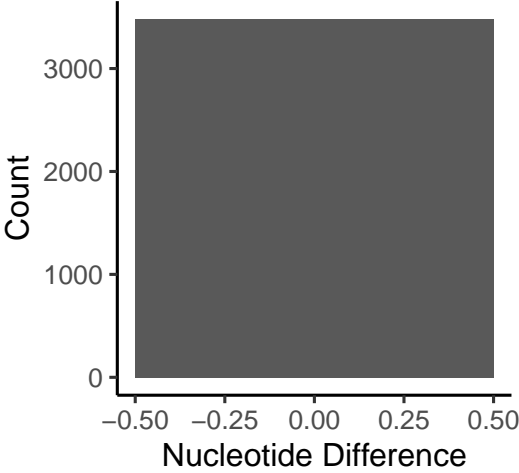
TRBV24-1*ap01

6424 sequences assigned
6392 (99.5%) exact matches, in which:
6377 unique CDR3
13 unique J



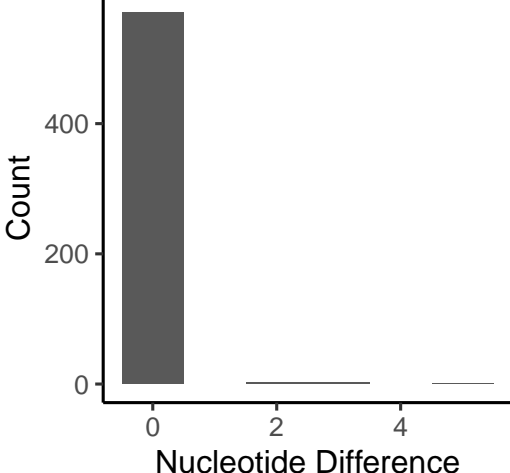
TRBV4-3*ap01

3481 sequences assigned
3481 (100%) exact matches, in which:
3479 unique CDR3
13 unique J



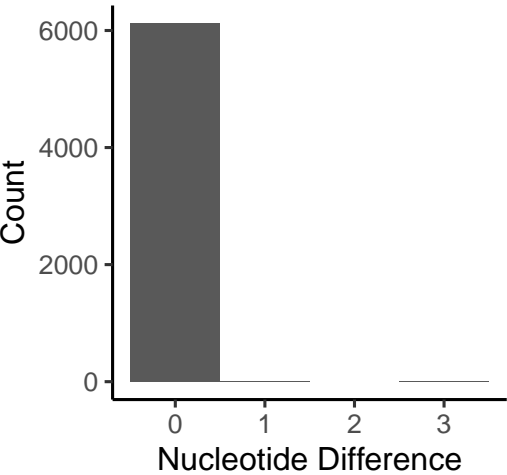
TRBV5-3*ap01

576 sequences assigned
571 (99.1%) exact matches, in which:
571 unique CDR3
13 unique J



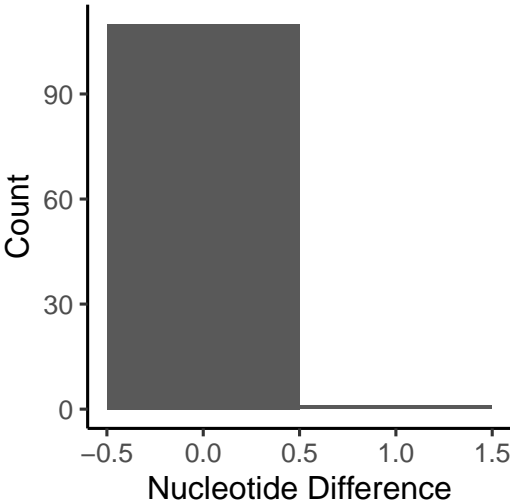
TRBV5-4*ap01

6130 sequences assigned
6121 (99.9%) exact matches, in which:
6121 unique CDR3
13 unique J



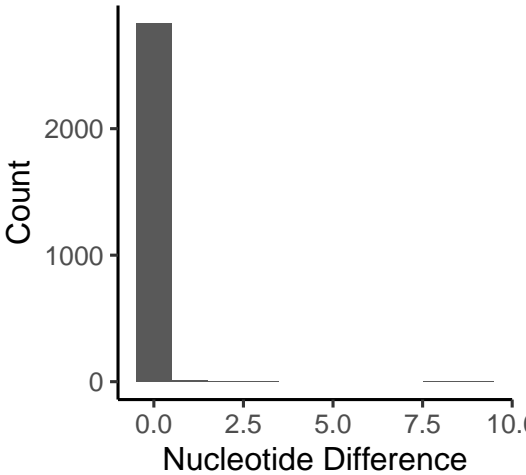
TRBV5-7*ap01

111 sequences assigned
110 (99.1%) exact matches, in which:
109 unique CDR3
12 unique J



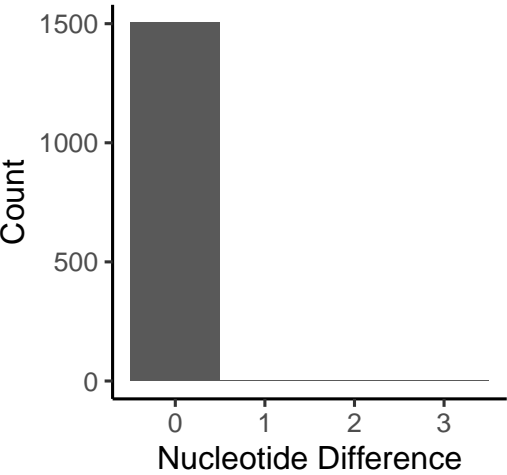
TRBV6-4*ap01

2854 sequences assigned
2832 (99.2%) exact matches, in which:
2831 unique CDR3
14 unique J



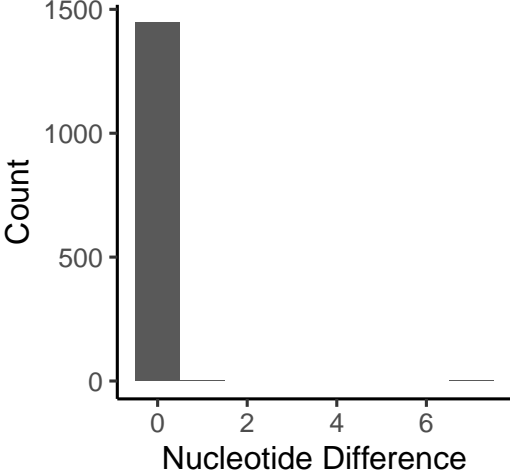
TRBV5-5*ap01

1508 sequences assigned
1504 (99.7%) exact matches, in which:
1504 unique CDR3
13 unique J



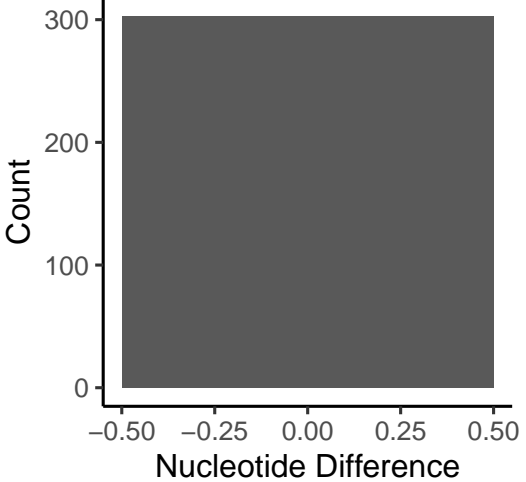
TRBV5-8*ap01

1451 sequences assigned
1446 (99.7%) exact matches, in which:
1446 unique CDR3
13 unique J



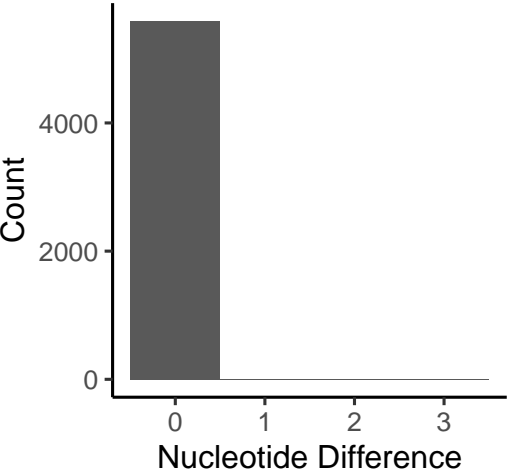
TRBV6-7*ap01

303 sequences assigned
303 (100%) exact matches, in which:
302 unique CDR3
13 unique J



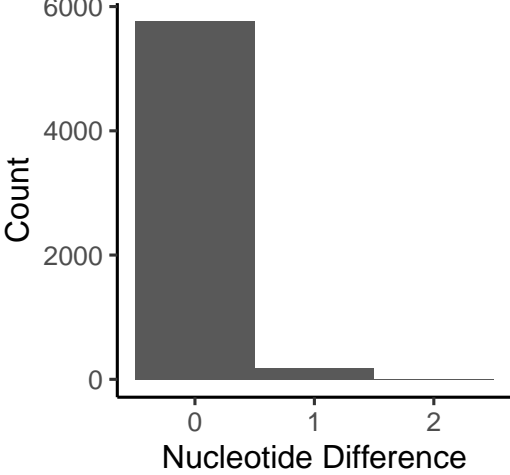
TRBV5-6*ap01

5598 sequences assigned
5590 (99.9%) exact matches, in which:
5576 unique CDR3
13 unique J



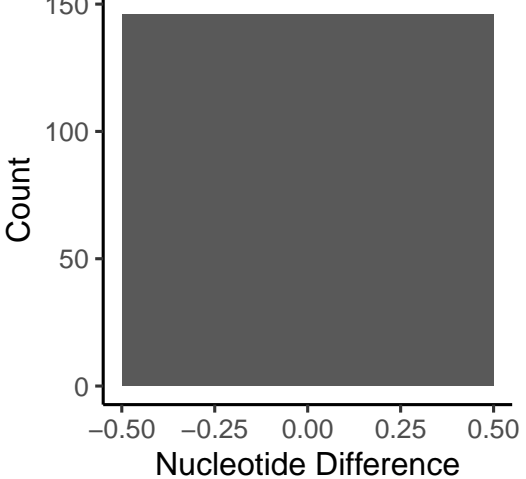
TRBV6-1*ap01

5946 sequences assigned
5767 (97%) exact matches, in which:
5762 unique CDR3
13 unique J



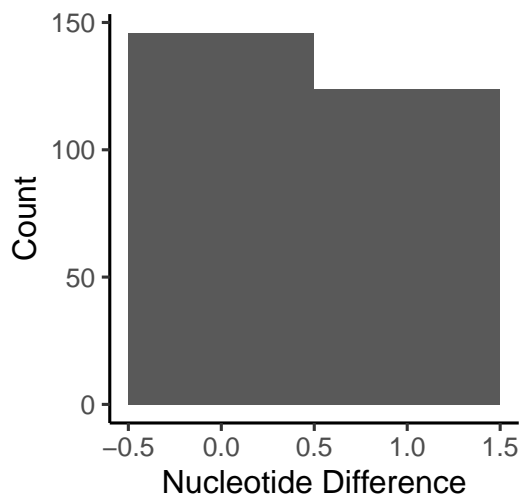
TRBV6-8*ap01

146 sequences assigned
146 (100%) exact matches, in which:
146 unique CDR3
13 unique J



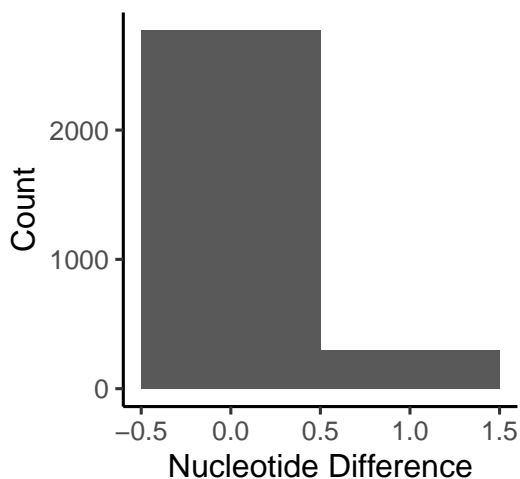
TRBV6-9*ap01

270 sequences assigned
146 (54.1%) exact matches, in which:
146 unique CDR3
13 unique J



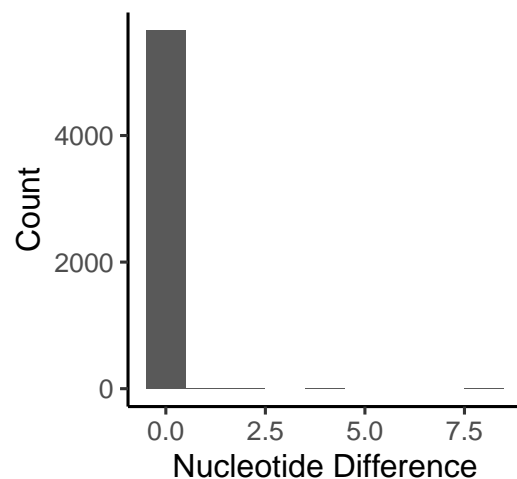
TRBV6-56*ap02

3072 sequences assigned
2771 (90.2%) exact matches, in which:
2771 unique CDR3
13 unique J



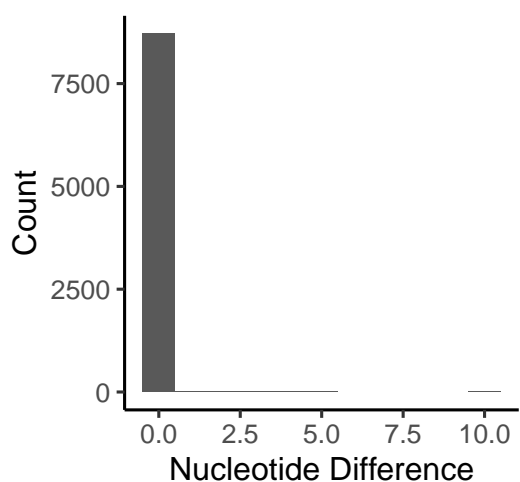
TRBV7-3*ap01

5675 sequences assigned
5661 (99.8%) exact matches, in which:
5659 unique CDR3
13 unique J



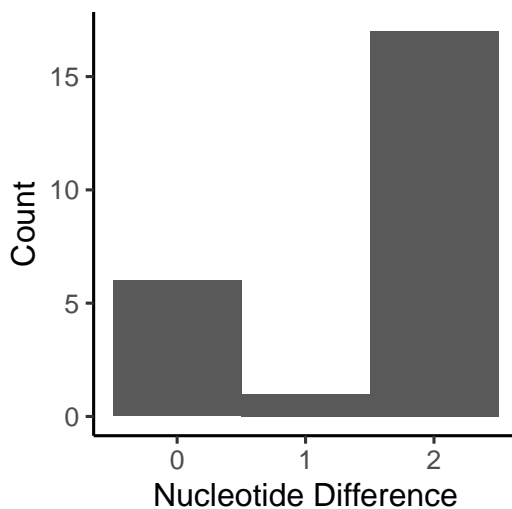
TRBV6-23*ap01

8735 sequences assigned
8713 (99.7%) exact matches, in which:
8703 unique CDR3
13 unique J



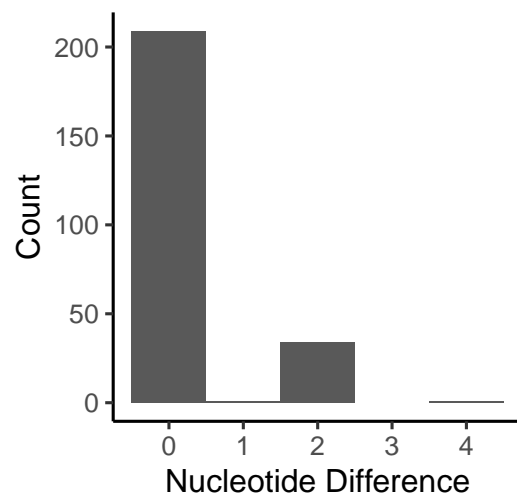
TRBV7-1*ap01

24 sequences assigned
6 (25%) exact matches, in which:
6 unique CDR3
5 unique J



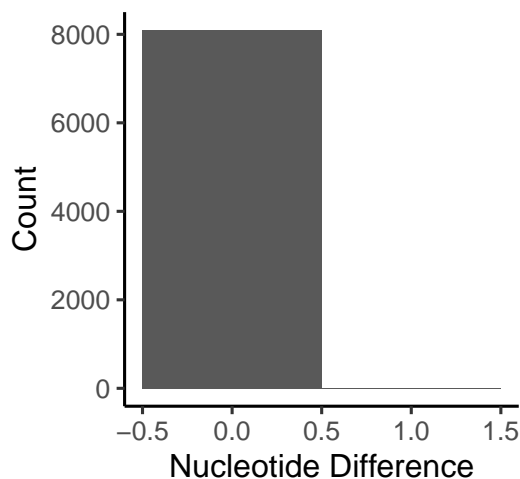
TRBV7-4*ap01

245 sequences assigned
209 (85.3%) exact matches, in which:
209 unique CDR3
13 unique J



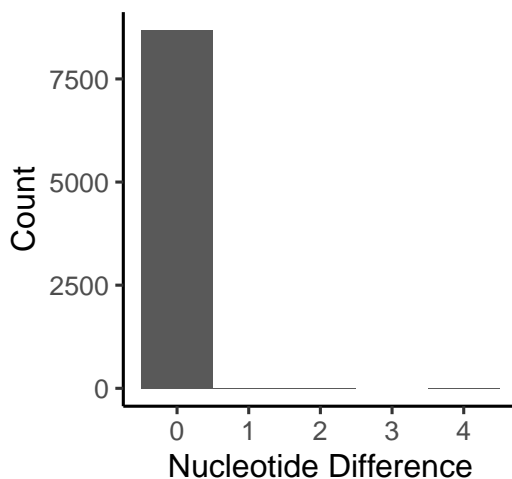
TRBV6-56*ap01

8100 sequences assigned
8097 (100%) exact matches, in which:
8089 unique CDR3
13 unique J



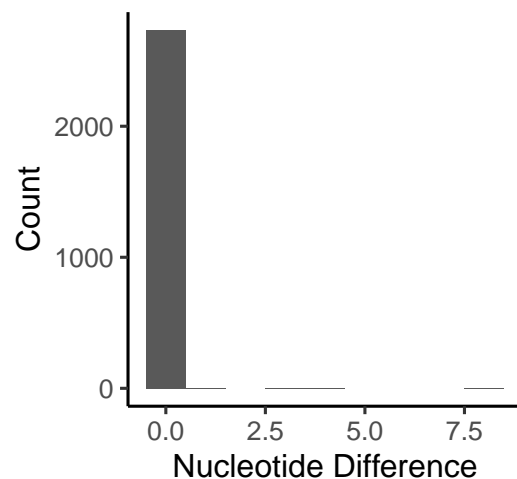
TRBV7-2*ap01

8700 sequences assigned
8685 (99.8%) exact matches, in which:
8684 unique CDR3
13 unique J



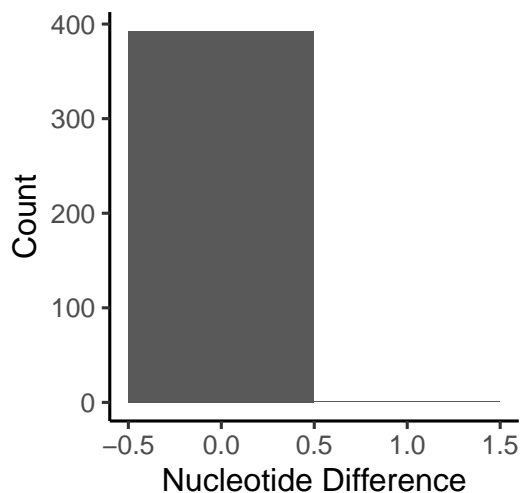
TRBV7-6*ap01

2740 sequences assigned
2734 (99.8%) exact matches, in which:
2733 unique CDR3
13 unique J



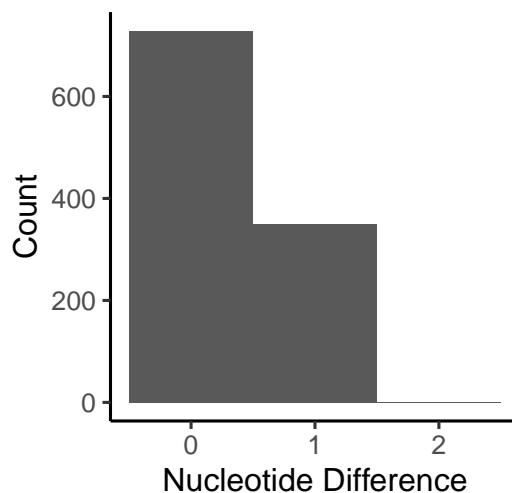
TRBV7-7*ap01

394 sequences assigned
393 (99.7%) exact matches, in which:
393 unique CDR3
12 unique J



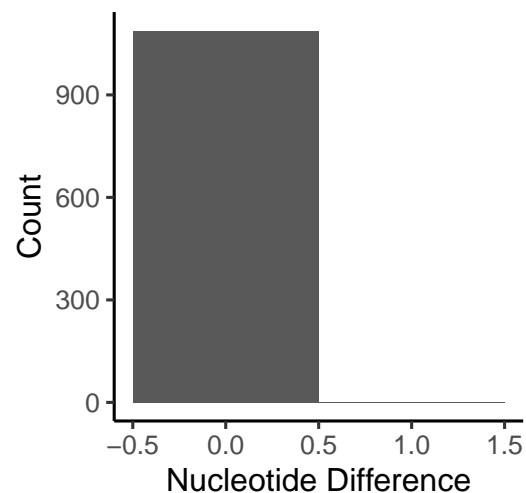
TRBV7-8*ap03

1080 sequences assigned
729 (67.5%) exact matches, in which:
729 unique CDR3
13 unique J



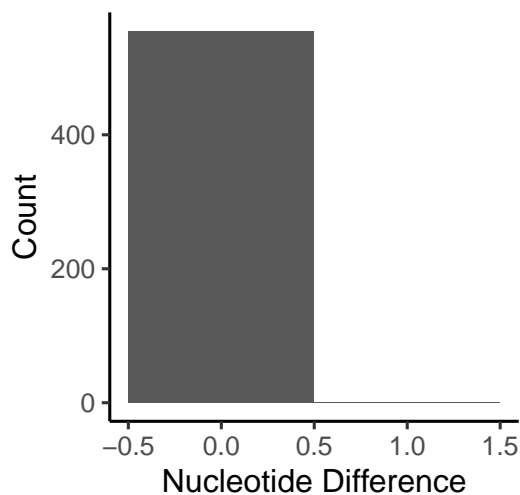
TRBV29-1*ap02

1090 sequences assigned
1088 (99.8%) exact matches, in which:
1087 unique CDR3
13 unique J



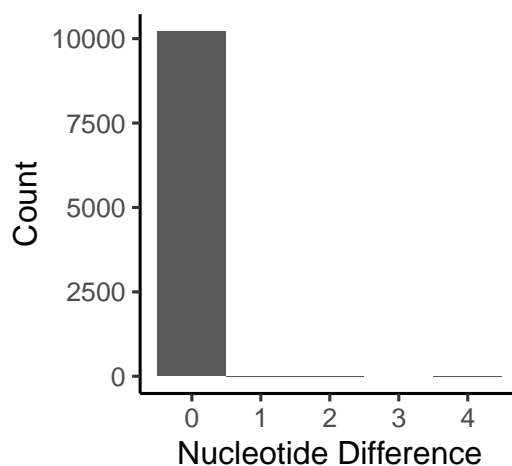
TRBV7-7*ap01_C315T

556 sequences assigned
555 (99.8%) exact matches, in which:
555 unique CDR3
13 unique J



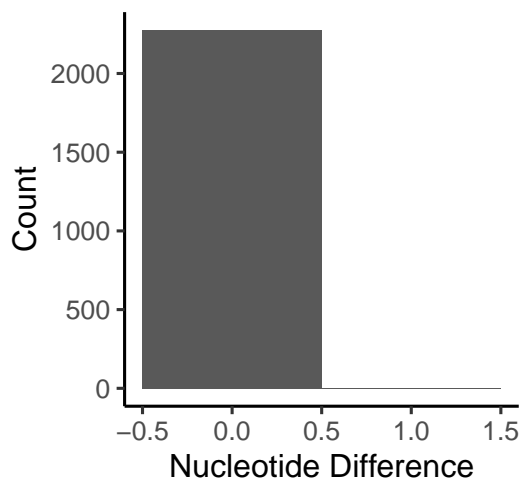
TRBV7-9*ap01

10224 sequences assigned
10213 (99.9%) exact matches, in which:
10209 unique CDR3
13 unique J



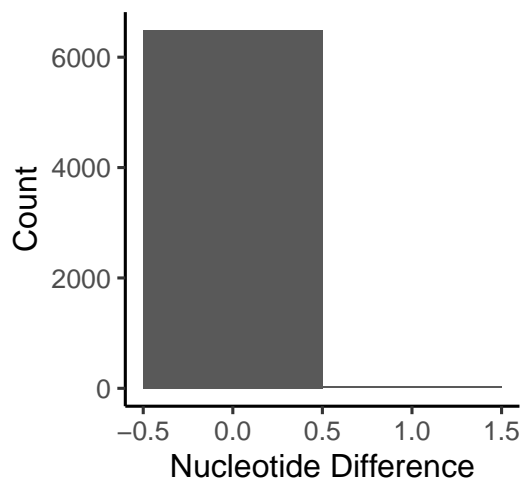
TRBV7-8*ap01

2277 sequences assigned
2276 (100%) exact matches, in which:
2275 unique CDR3
13 unique J



TRBV29-1*ap01

6525 sequences assigned
6492 (99.5%) exact matches, in which:
6478 unique CDR3
13 unique J



TRBV7-7*ap01_C315T

