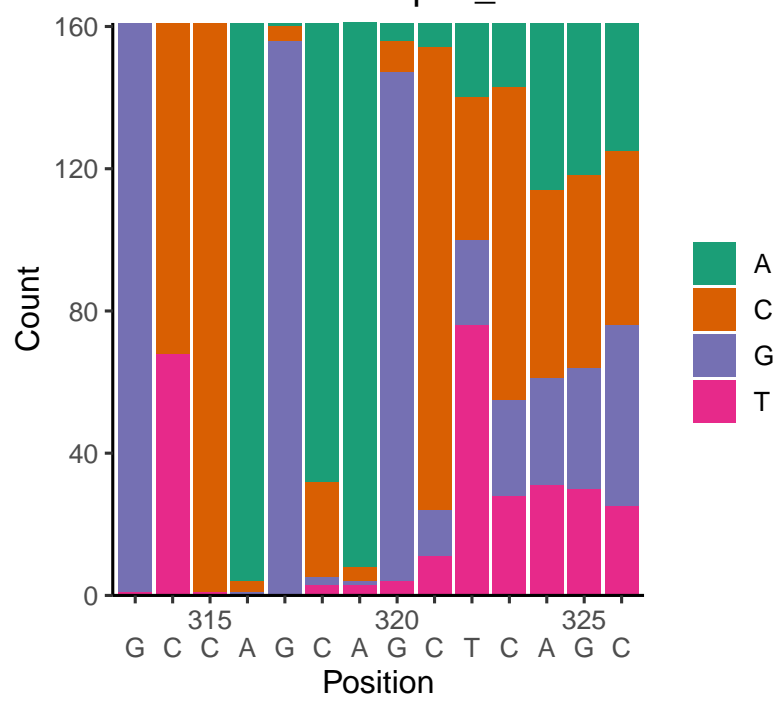
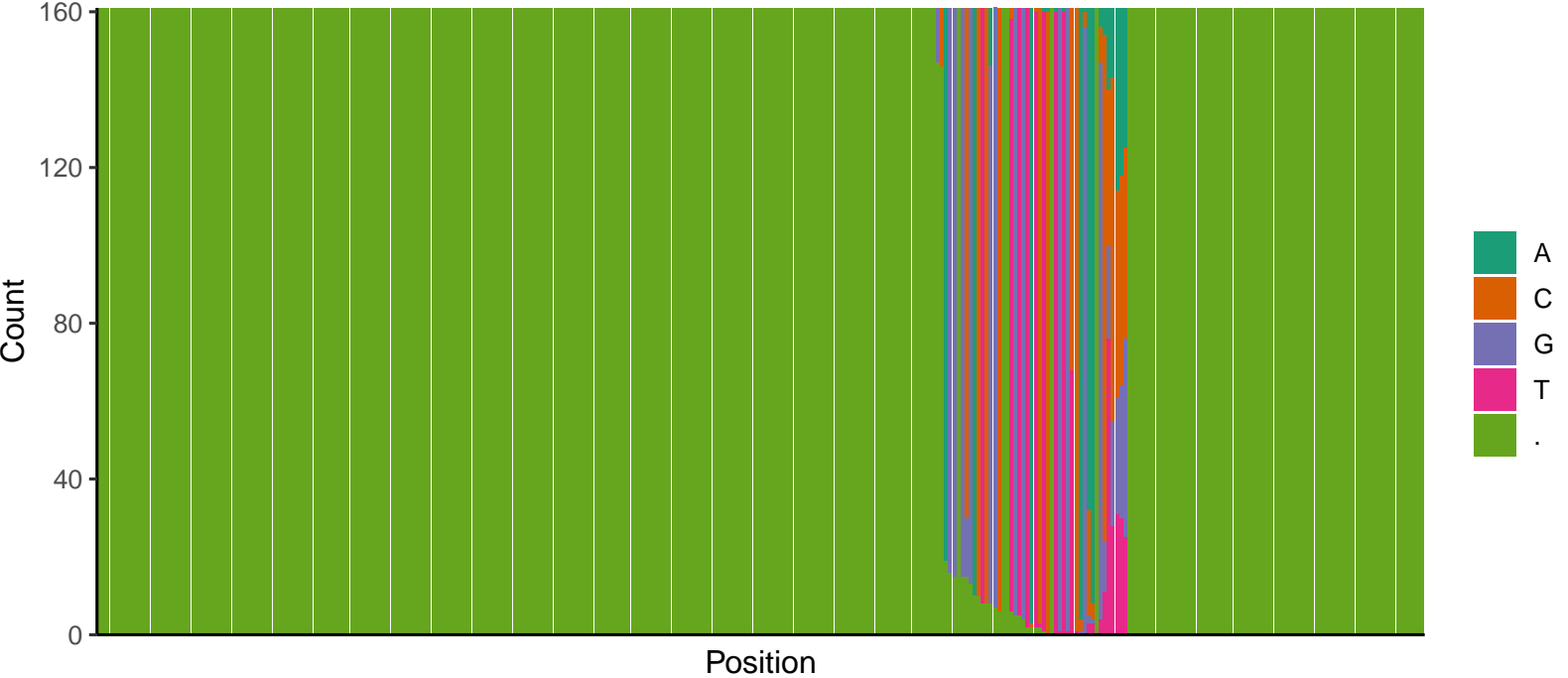


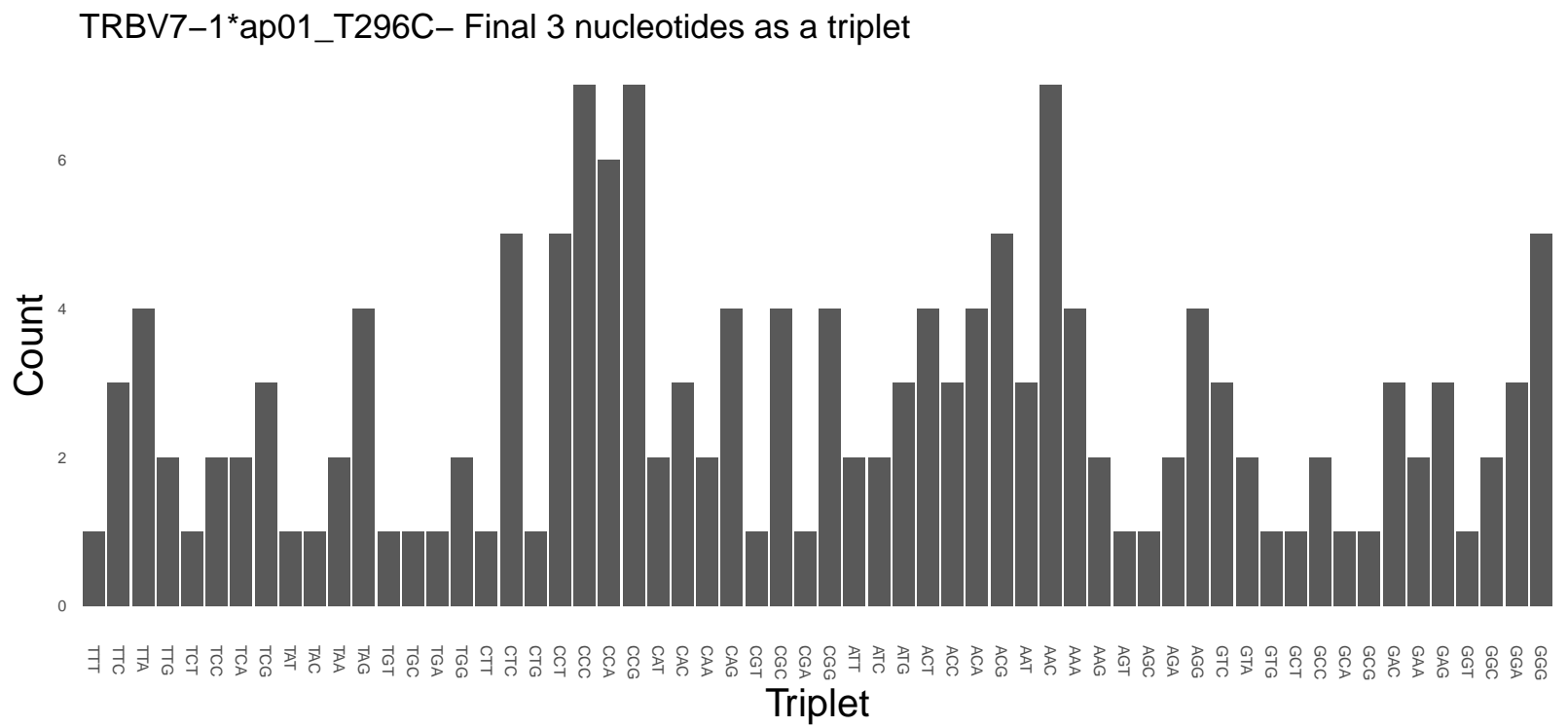
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C

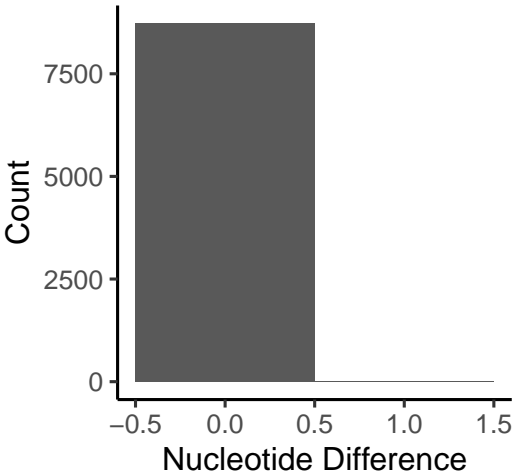


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



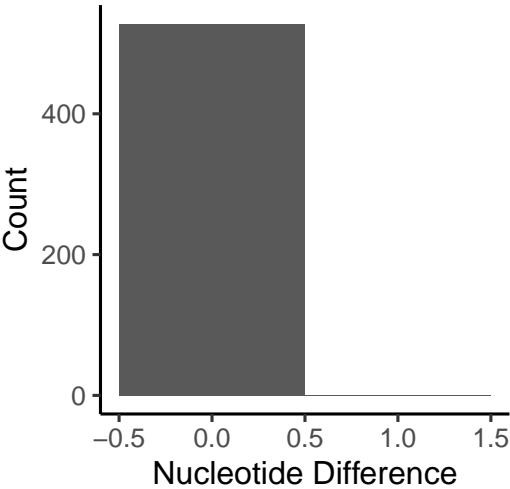
TRBV20-1*ap01

8739 sequences assigned
8727 (99.9%) exact matches, in which:
8722 unique CDR3
13 unique J



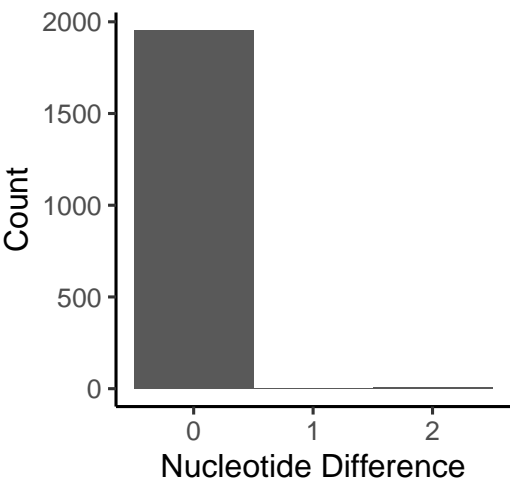
TRBV10-2*ap01

529 sequences assigned
528 (99.8%) exact matches, in which:
528 unique CDR3
13 unique J



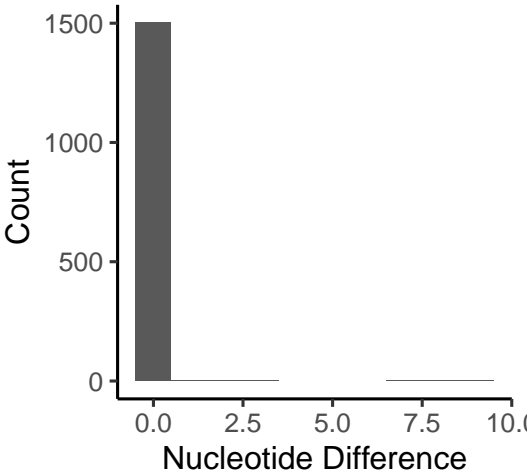
TRBV13*ap01

1967 sequences assigned
1953 (99.3%) exact matches, in which:
1953 unique CDR3
13 unique J



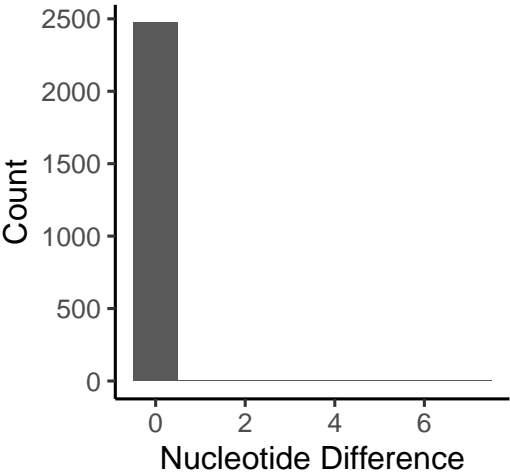
TRBV10-1*ap01

1511 sequences assigned
1502 (99.4%) exact matches, in which:
1502 unique CDR3
13 unique J



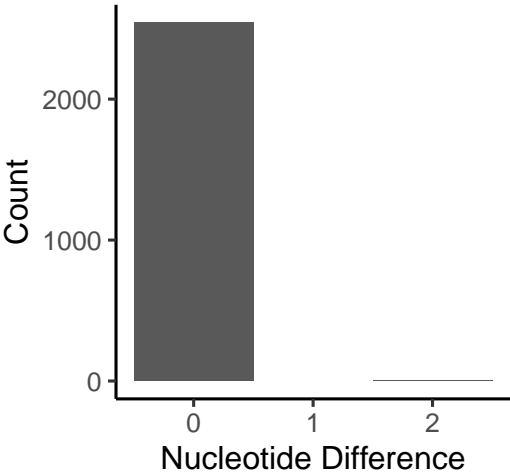
TRBV10-3*ap01

2490 sequences assigned
2473 (99.3%) exact matches, in which:
2472 unique CDR3
13 unique J



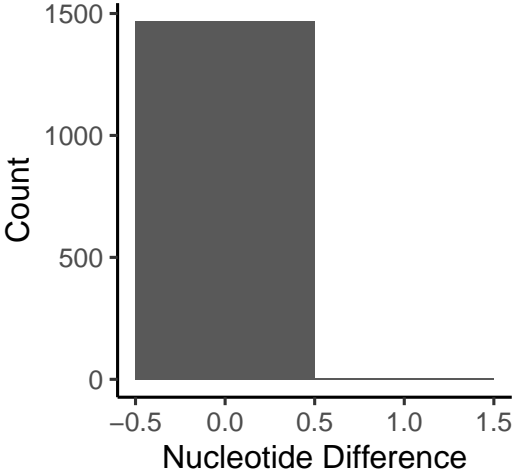
TRBV14*ap01

2544 sequences assigned
2542 (99.9%) exact matches, in which:
2542 unique CDR3
13 unique J



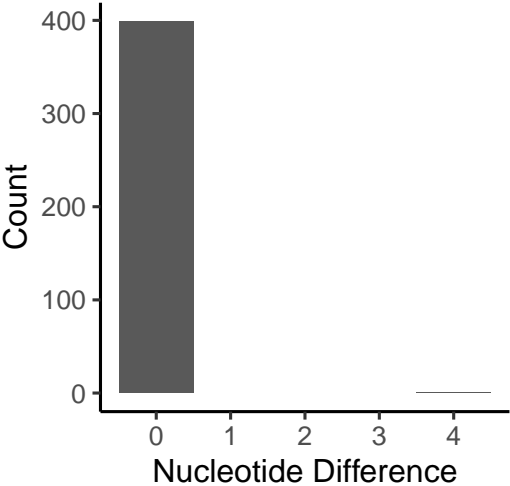
TRBV20-1*ap02

1474 sequences assigned
1469 (99.7%) exact matches, in which:
1468 unique CDR3
14 unique J



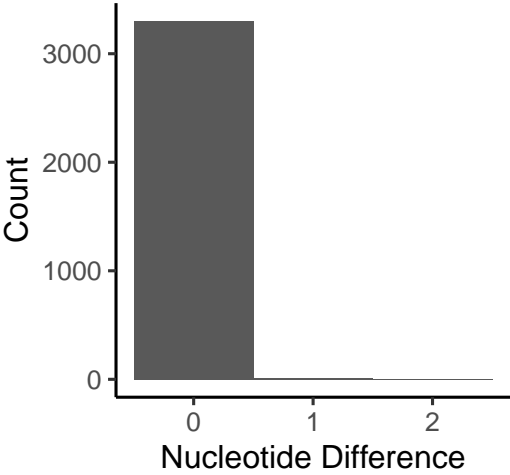
TRBV1*ap01

400 sequences assigned
399 (99.8%) exact matches, in which:
399 unique CDR3
13 unique J



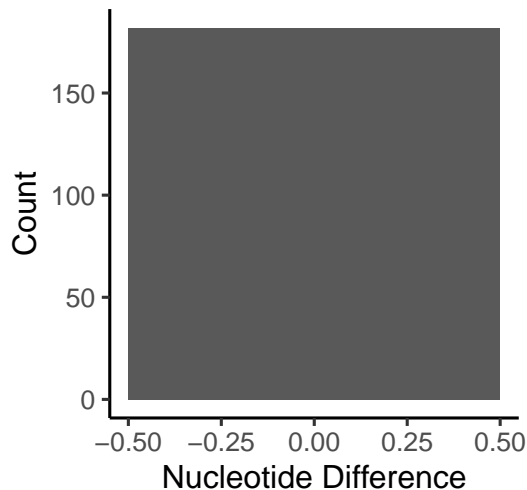
TRBV15*ap02

3312 sequences assigned
3301 (99.7%) exact matches, in which:
3298 unique CDR3
13 unique J



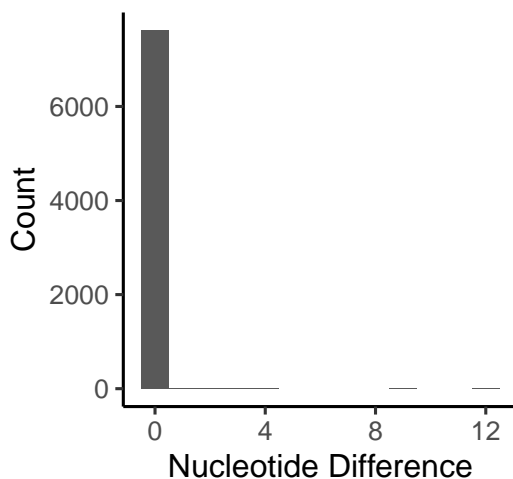
TRBV16*ap01

182 sequences assigned
182 (100%) exact matches, in which:
182 unique CDR3
13 unique J



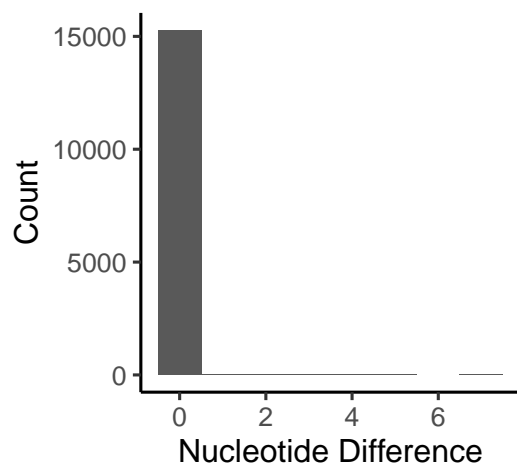
TRBV19*ap01

7638 sequences assigned
7617 (99.7%) exact matches, in which:
7617 unique CDR3
13 unique J



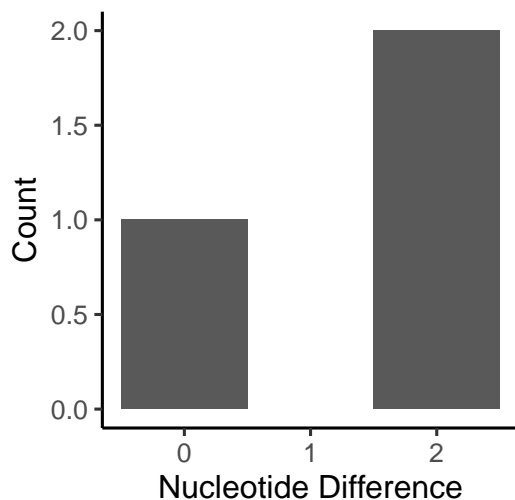
TRBV28*ap01

15302 sequences assigned
15275 (99.8%) exact matches, in which:
15273 unique CDR3
13 unique J



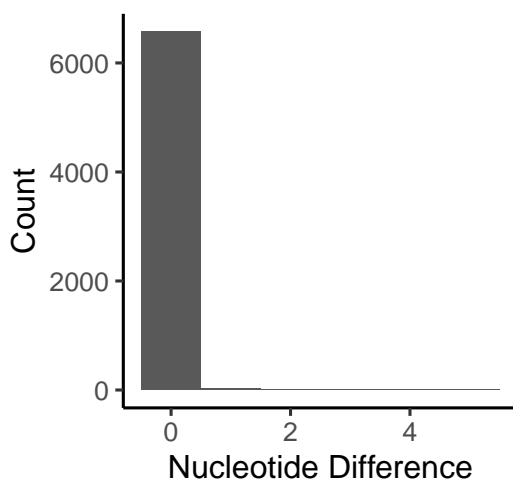
TRBV17*ap01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



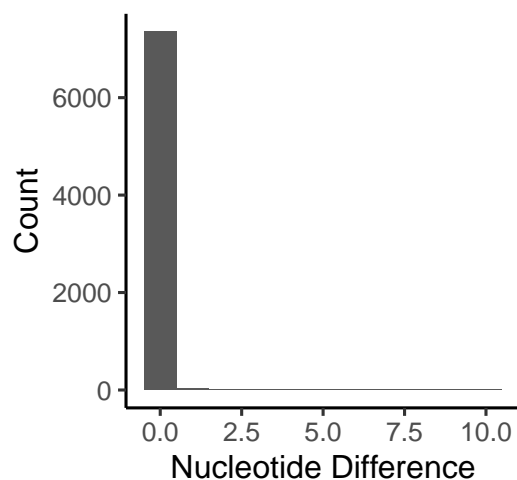
TRBV2*ap01

6598 sequences assigned
6573 (99.6%) exact matches, in which:
6565 unique CDR3
13 unique J



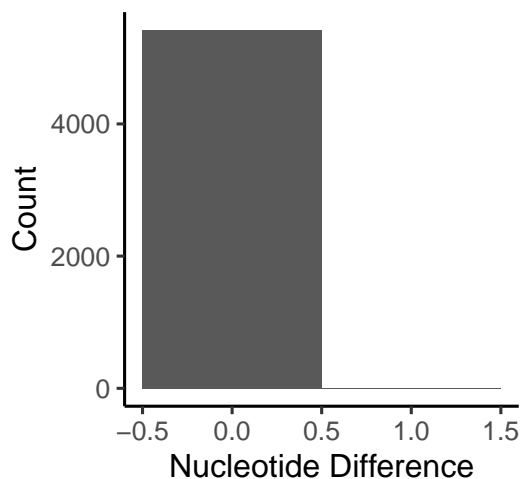
TRBV30*ap01

7396 sequences assigned
7353 (99.4%) exact matches, in which:
7332 unique CDR3
13 unique J



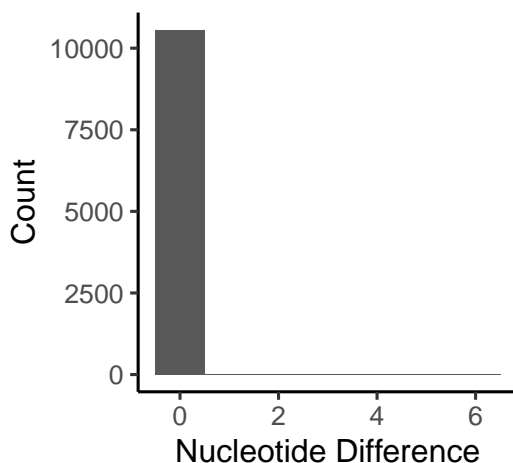
TRBV18*ap01

5423 sequences assigned
5420 (99.9%) exact matches, in which:
5419 unique CDR3
13 unique J



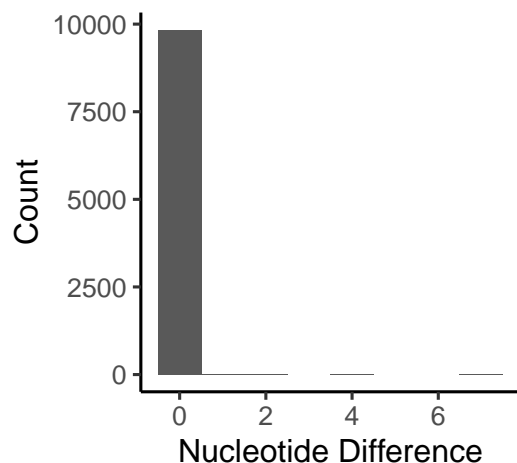
TRBV27*ap01

10597 sequences assigned
10563 (99.7%) exact matches, in which:
10531 unique CDR3
13 unique J



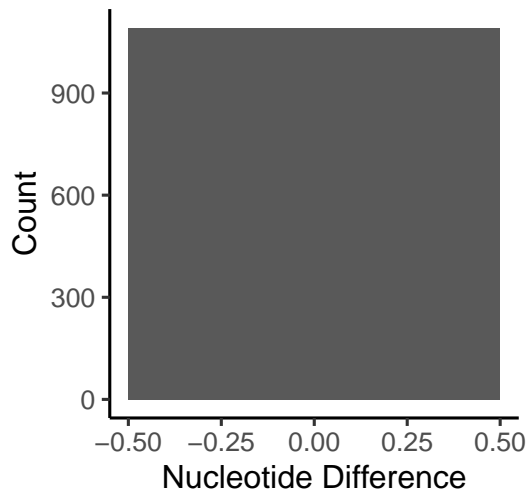
TRBV9*ap01

9862 sequences assigned
9838 (99.8%) exact matches, in which:
9832 unique CDR3
13 unique J



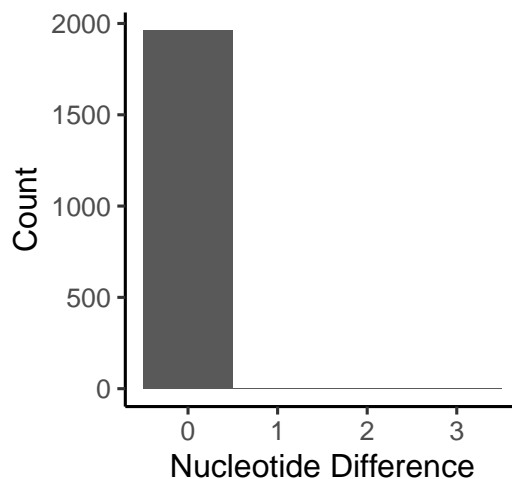
TRBV11-1*ap01

1092 sequences assigned
1092 (100%) exact matches, in which:
1092 unique CDR3
13 unique J



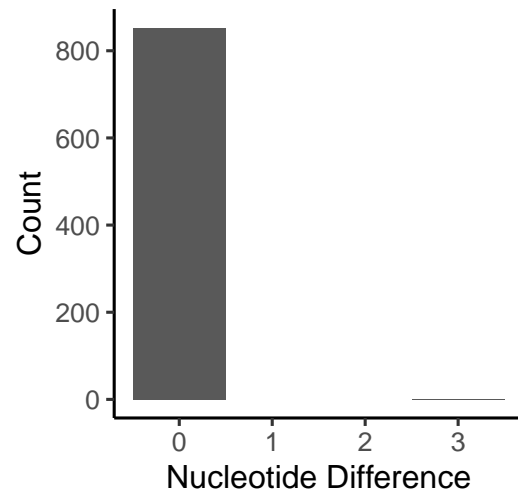
TRBV11-3*ap01

1969 sequences assigned
1962 (99.6%) exact matches, in which:
1962 unique CDR3
13 unique J



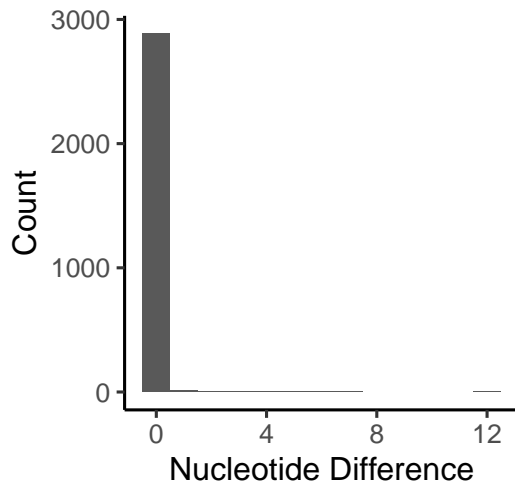
TRBV12-5*ap01

854 sequences assigned
853 (99.9%) exact matches, in which:
853 unique CDR3
13 unique J



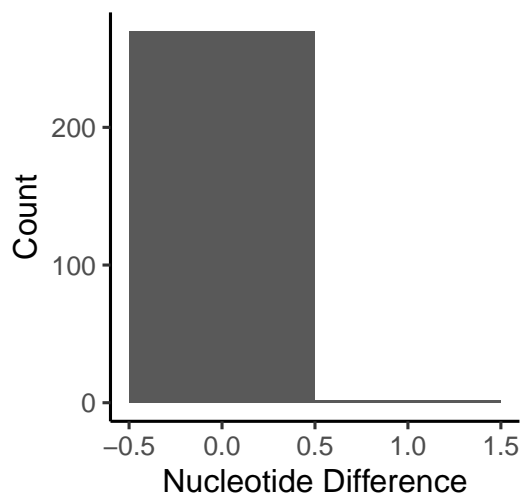
TRBV21-1*ap01

2911 sequences assigned
2885 (99.1%) exact matches, in which:
2885 unique CDR3
13 unique J



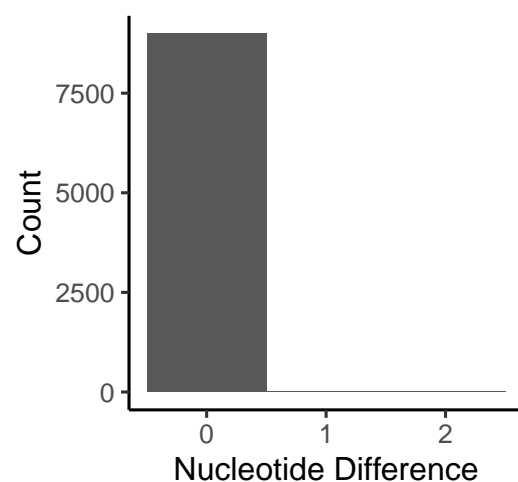
TRBV12-1*ap01

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



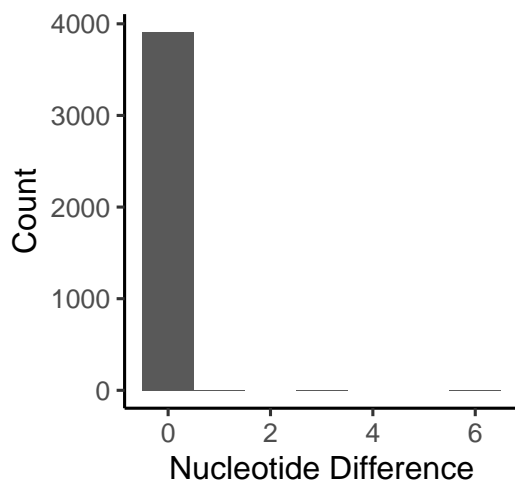
TRBV12-34*ap01

9009 sequences assigned
8992 (99.8%) exact matches, in which:
8989 unique CDR3
13 unique J



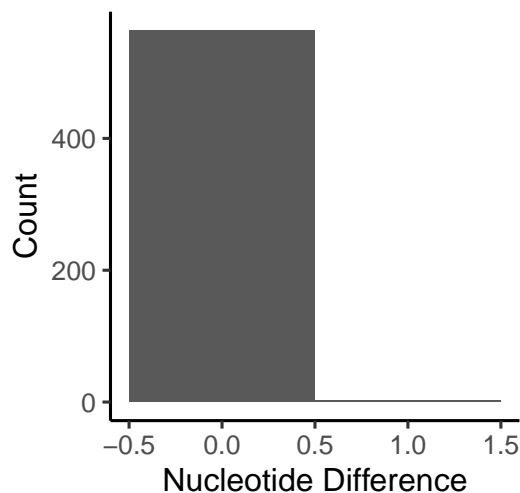
TRBV11-2*ap01

3913 sequences assigned
3910 (99.9%) exact matches, in which:
3909 unique CDR3
13 unique J



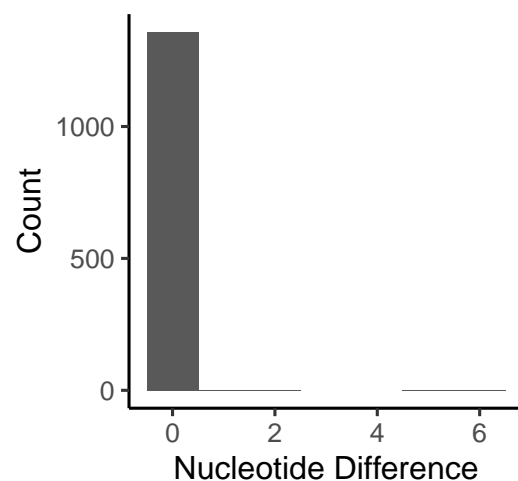
TRBV12-2*ap01

567 sequences assigned
564 (99.5%) exact matches, in which:
563 unique CDR3
13 unique J



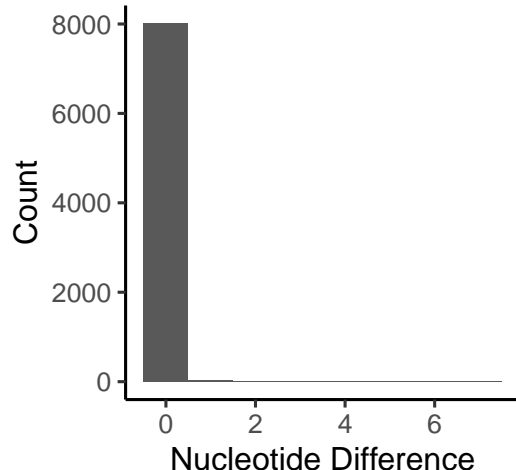
TRBV23-1*ap01

1363 sequences assigned
1358 (99.6%) exact matches, in which:
1357 unique CDR3
14 unique J



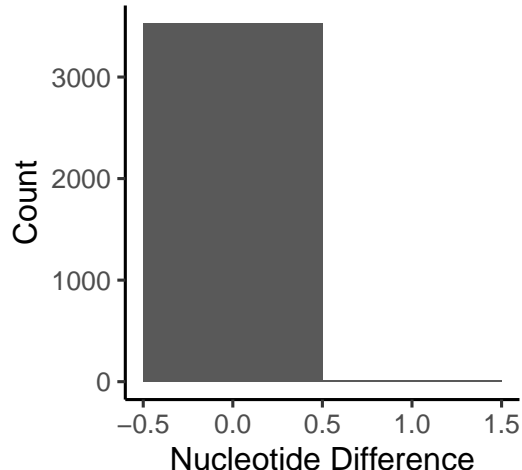
TRBV3-12*ap01

8049 sequences assigned
8013 (99.6%) exact matches, in which:
7989 unique CDR3
13 unique J



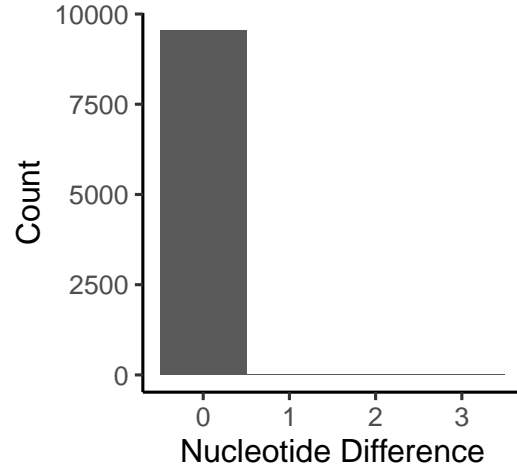
TRBV4-2*ap01

3538 sequences assigned
3528 (99.7%) exact matches, in which:
3527 unique CDR3
13 unique J



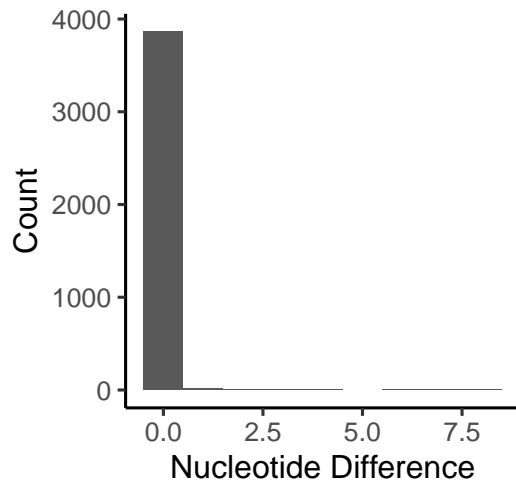
TRBV5-1*ap01

9566 sequences assigned
9553 (99.9%) exact matches, in which:
9542 unique CDR3
13 unique J



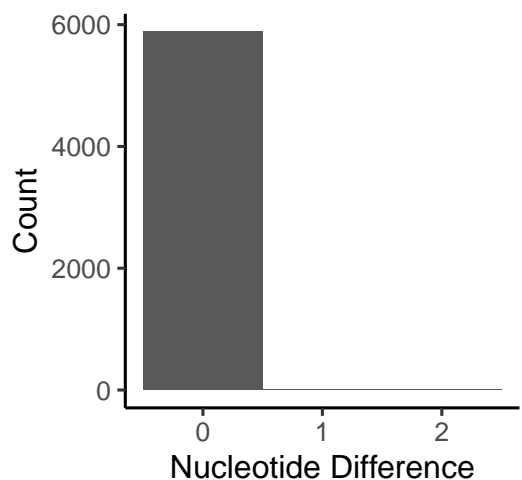
TRBV24-1*ap01

3891 sequences assigned
3863 (99.3%) exact matches, in which:
3858 unique CDR3
13 unique J



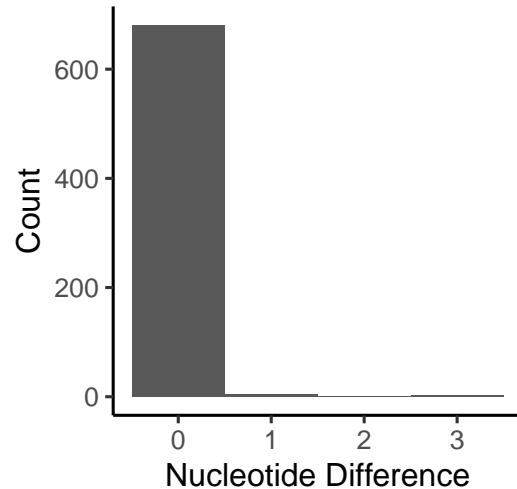
TRBV4-3*ap01

5893 sequences assigned
5884 (99.8%) exact matches, in which:
5883 unique CDR3
13 unique J



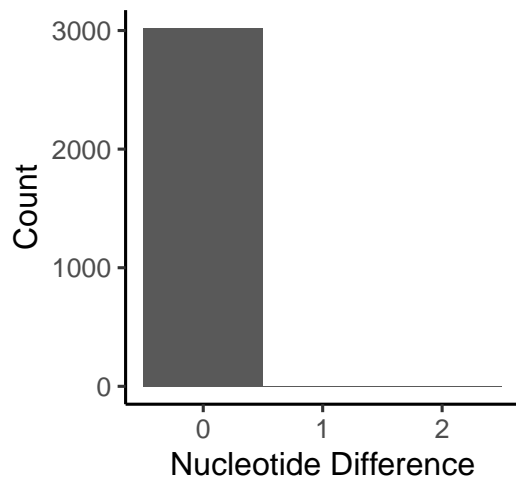
TRBV5-3*ap01

689 sequences assigned
681 (98.8%) exact matches, in which:
681 unique CDR3
13 unique J



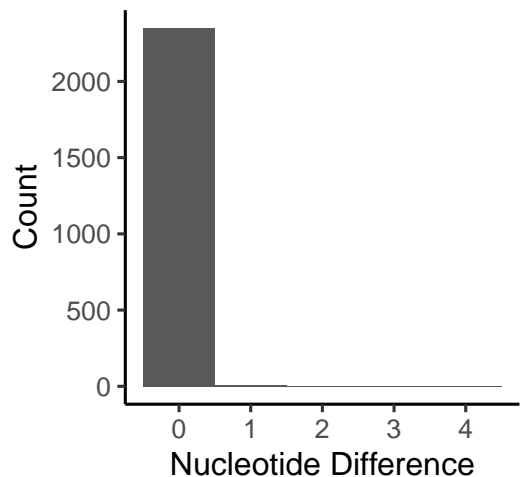
TRBV4-1*ap01

3026 sequences assigned
3021 (99.8%) exact matches, in which:
3021 unique CDR3
14 unique J



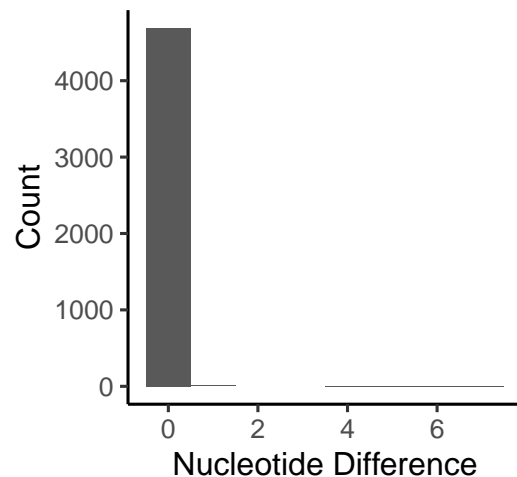
TRBV25-1*ap01

2363 sequences assigned
2350 (99.4%) exact matches, in which:
2346 unique CDR3
13 unique J



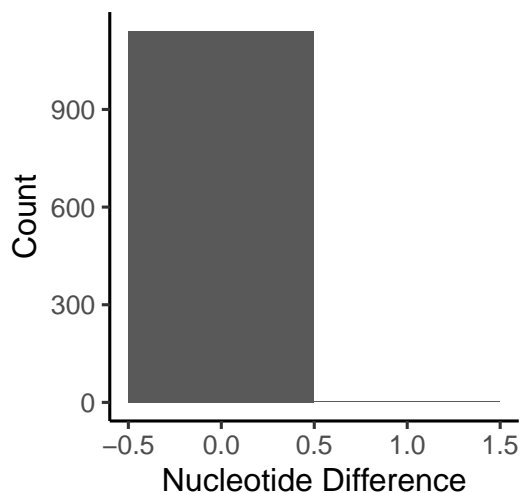
TRBV5-4*ap01

4703 sequences assigned
4689 (99.7%) exact matches, in which:
4689 unique CDR3
13 unique J



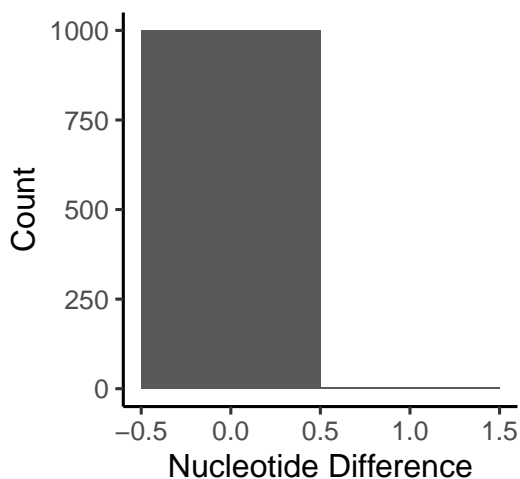
TRBV5-5*ap01

1145 sequences assigned
1142 (99.7%) exact matches, in which:
1139 unique CDR3
13 unique J



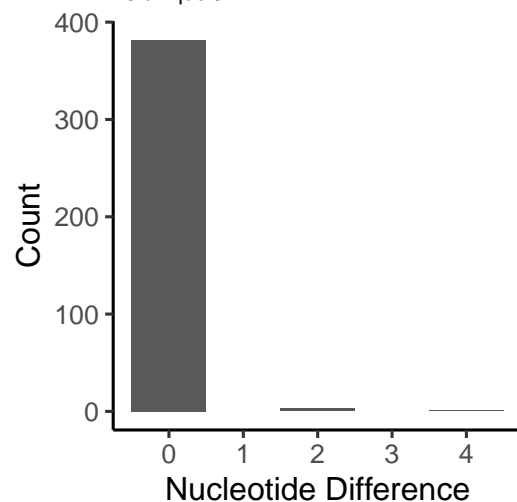
TRBV5-8*ap01

1003 sequences assigned
1000 (99.7%) exact matches, in which:
1000 unique CDR3
13 unique J



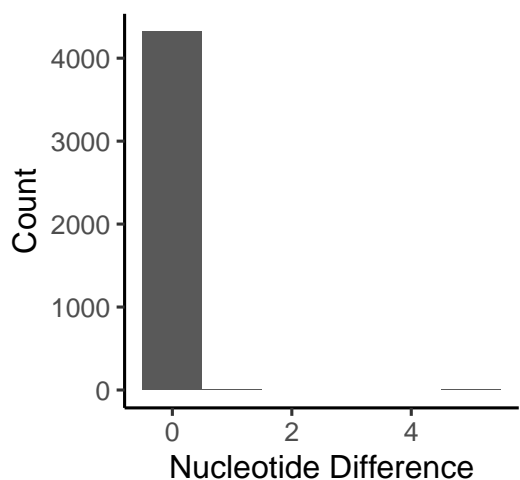
TRBV6-7*ap01

386 sequences assigned
382 (99%) exact matches, in which:
382 unique CDR3
13 unique J



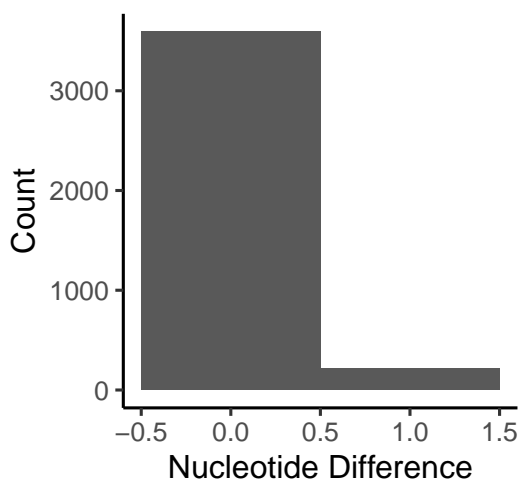
TRBV5-6*ap01

4327 sequences assigned
4319 (99.8%) exact matches, in which:
4316 unique CDR3
13 unique J



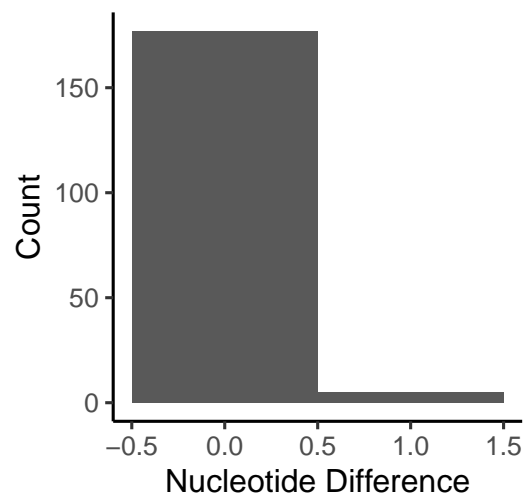
TRBV6-1*ap01

3811 sequences assigned
3592 (94.3%) exact matches, in which:
3590 unique CDR3
13 unique J



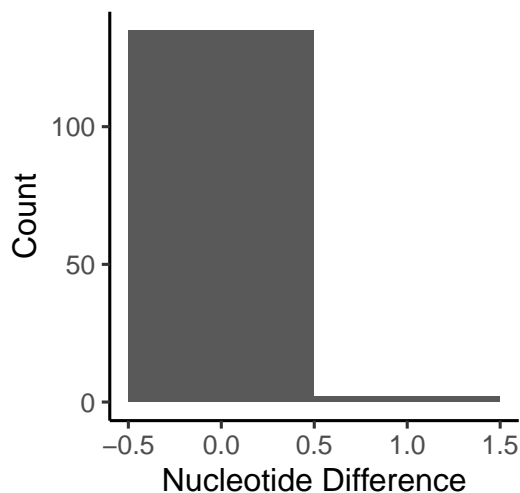
TRBV6-8*ap01

182 sequences assigned
177 (97.3%) exact matches, in which:
177 unique CDR3
13 unique J



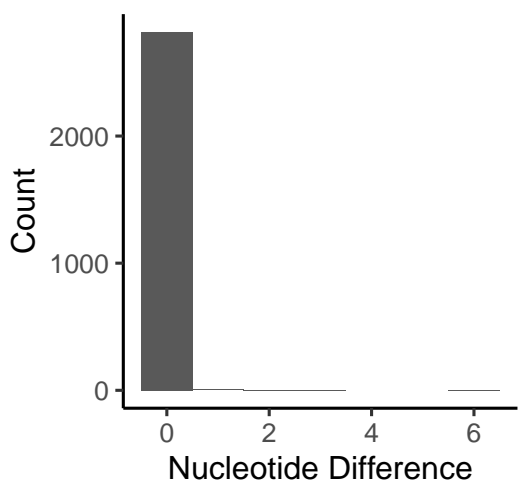
TRBV5-7*ap01

137 sequences assigned
135 (98.5%) exact matches, in which:
135 unique CDR3
13 unique J



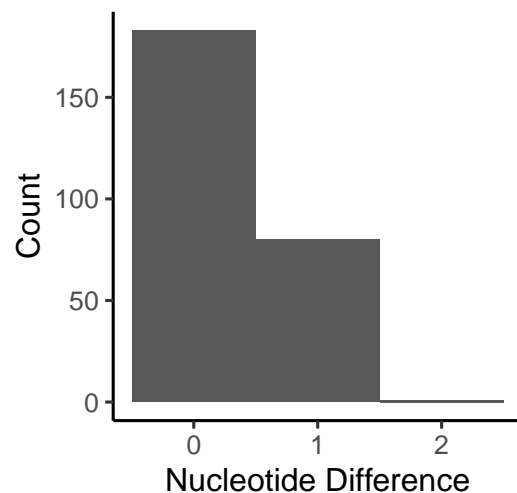
TRBV6-4*ap01

2832 sequences assigned
2818 (99.5%) exact matches, in which:
2817 unique CDR3
13 unique J



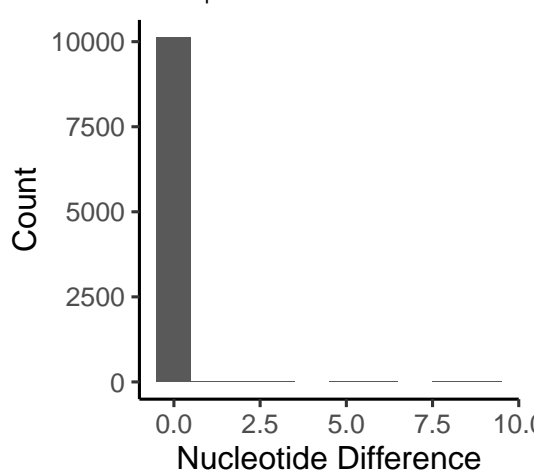
TRBV6-9*ap01

264 sequences assigned
183 (69.3%) exact matches, in which:
182 unique CDR3
12 unique J



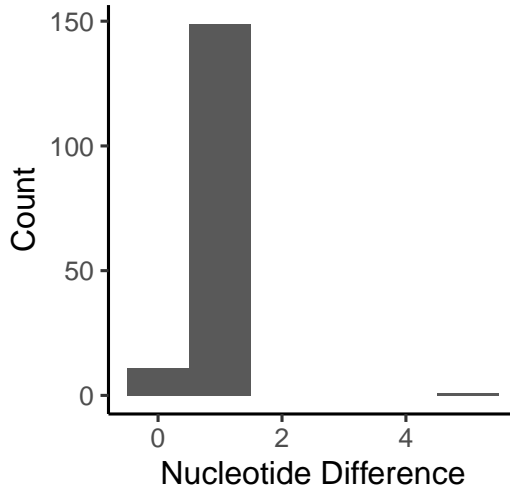
TRBV6-23*ap01

10167 sequences assigned
10133 (99.7%) exact matches, in which:
10104 unique CDR3
13 unique J



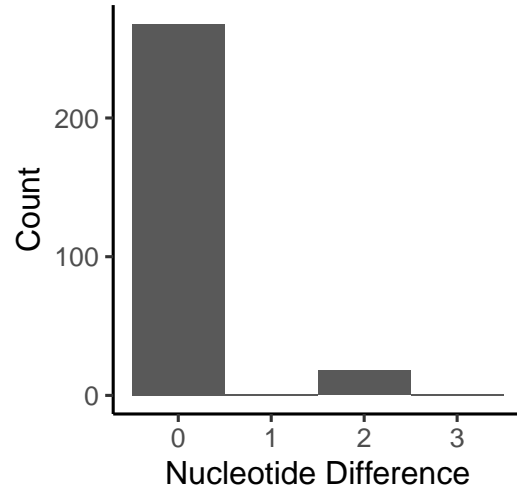
TRBV7-1*ap01_T296C

161 sequences assigned
11 (6.8%) exact matches, in which:
11 unique CDR3
8 unique J



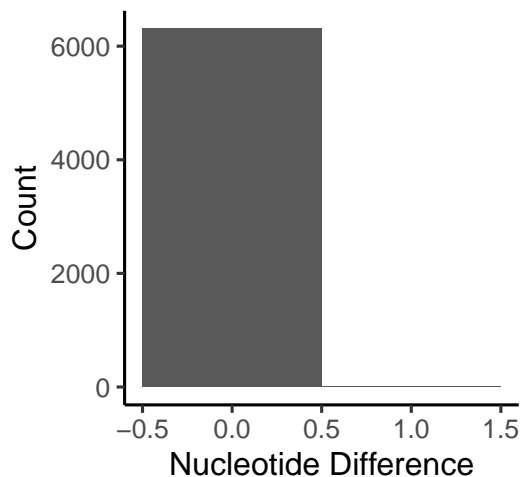
TRBV7-4*ap01

288 sequences assigned
268 (93.1%) exact matches, in which:
268 unique CDR3
13 unique J



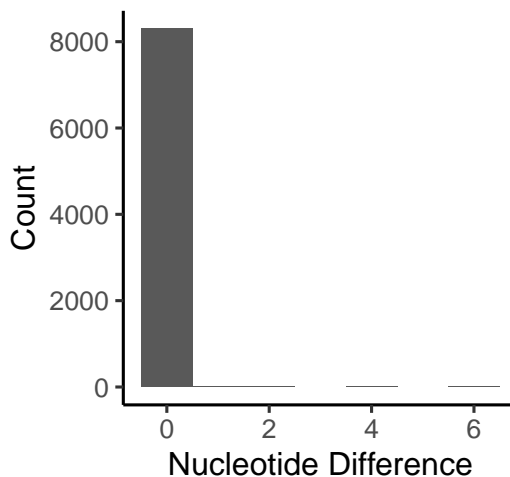
TRBV6-56*ap01

6318 sequences assigned
6307 (99.8%) exact matches, in which:
6299 unique CDR3
13 unique J



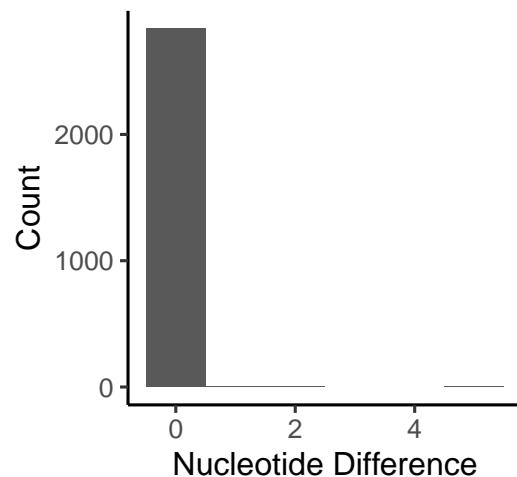
TRBV7-2*ap01

8309 sequences assigned
8300 (99.9%) exact matches, in which:
8297 unique CDR3
13 unique J



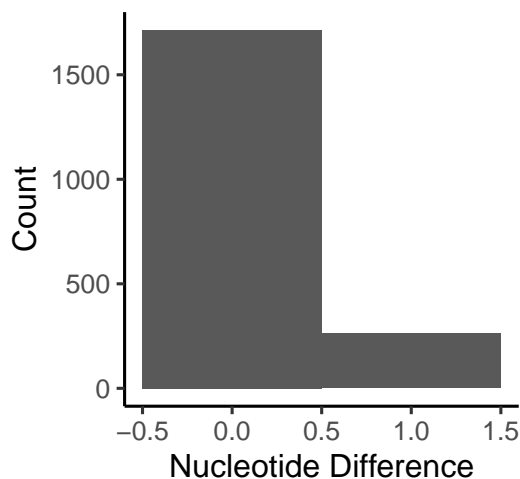
TRBV7-6*ap01

2842 sequences assigned
2837 (99.8%) exact matches, in which:
2837 unique CDR3
13 unique J



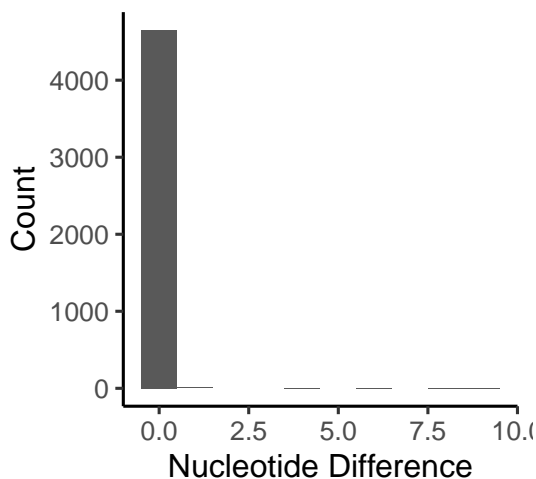
TRBV6-56*ap02

1977 sequences assigned
1714 (86.7%) exact matches, in which:
1713 unique CDR3
13 unique J



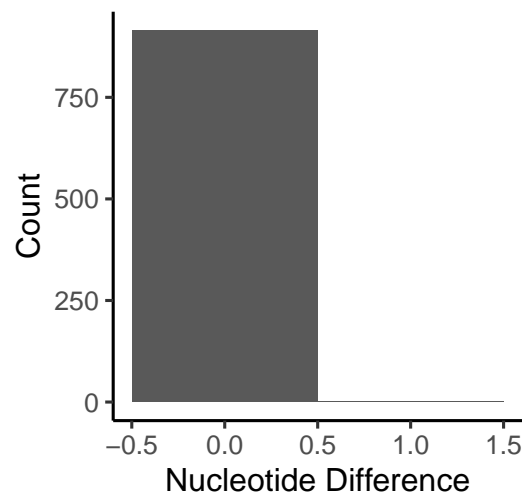
TRBV7-3*ap01

4665 sequences assigned
4651 (99.7%) exact matches, in which:
4649 unique CDR3
13 unique J



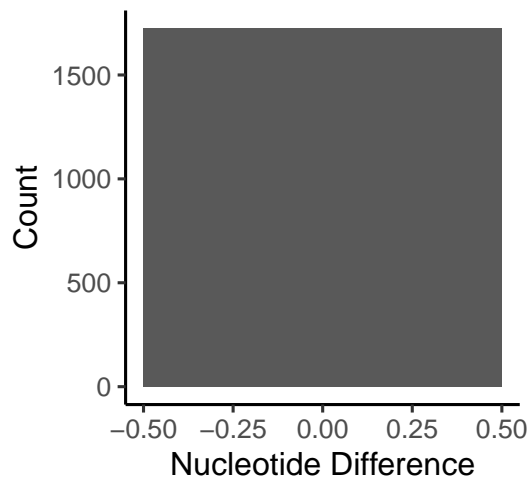
TRBV7-7*ap01

917 sequences assigned
915 (99.8%) exact matches, in which:
915 unique CDR3
13 unique J



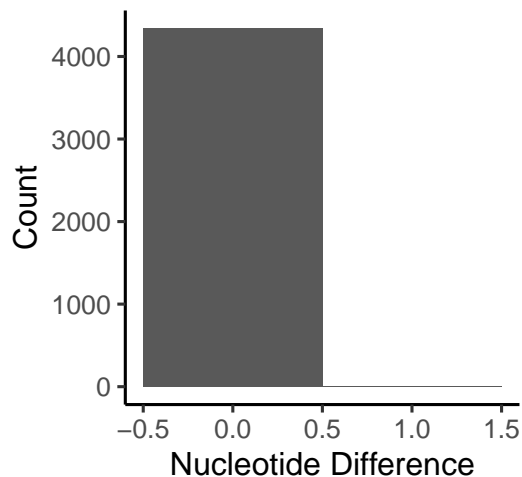
TRBV7-8*ap01

1724 sequences assigned
1724 (100%) exact matches, in which:
1724 unique CDR3
13 unique J



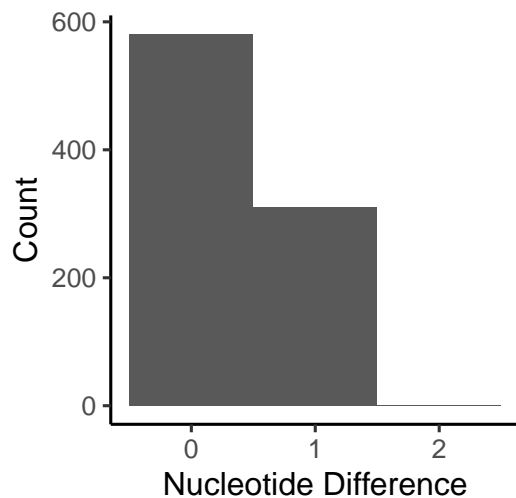
TRBV29-1*ap01

4351 sequences assigned
4340 (99.7%) exact matches, in which:
4324 unique CDR3
13 unique J



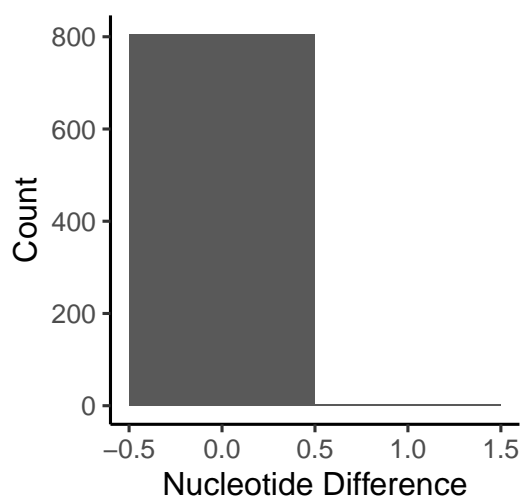
TRBV7-8*ap03

892 sequences assigned
581 (65.1%) exact matches, in which:
581 unique CDR3
13 unique J



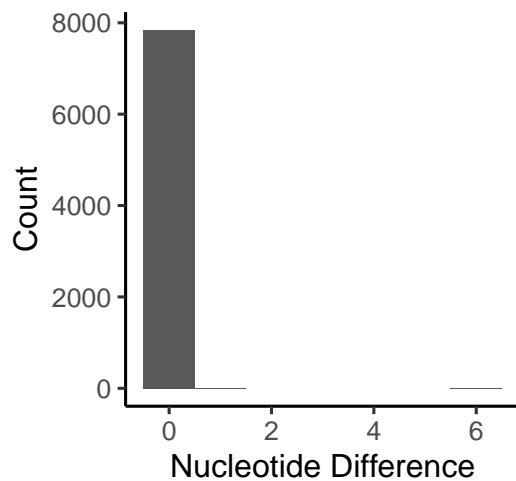
TRBV29-1*ap02

810 sequences assigned
806 (99.5%) exact matches, in which:
800 unique CDR3
13 unique J



TRBV7-9*ap01

7855 sequences assigned
7841 (99.8%) exact matches, in which:
7841 unique CDR3
13 unique J



TRBV7-1*ap01_T296C

