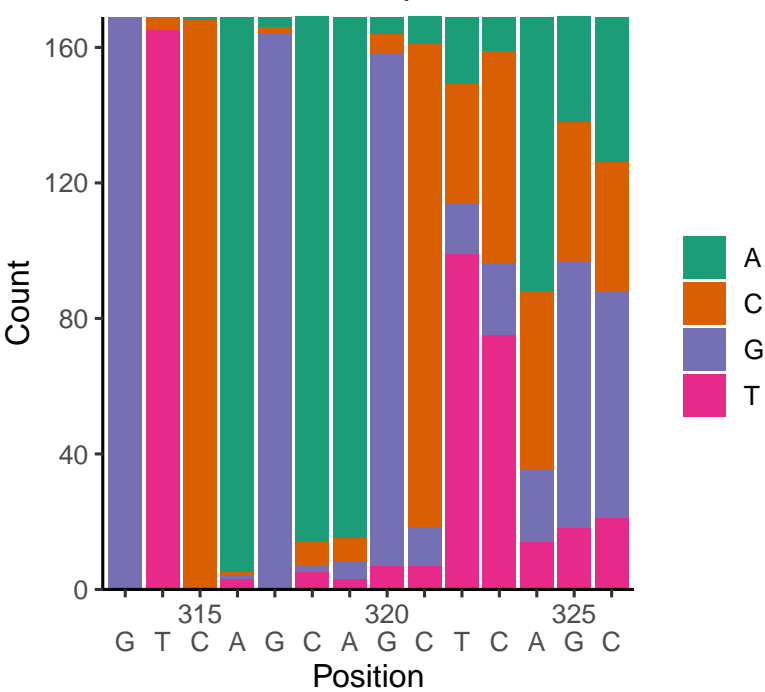


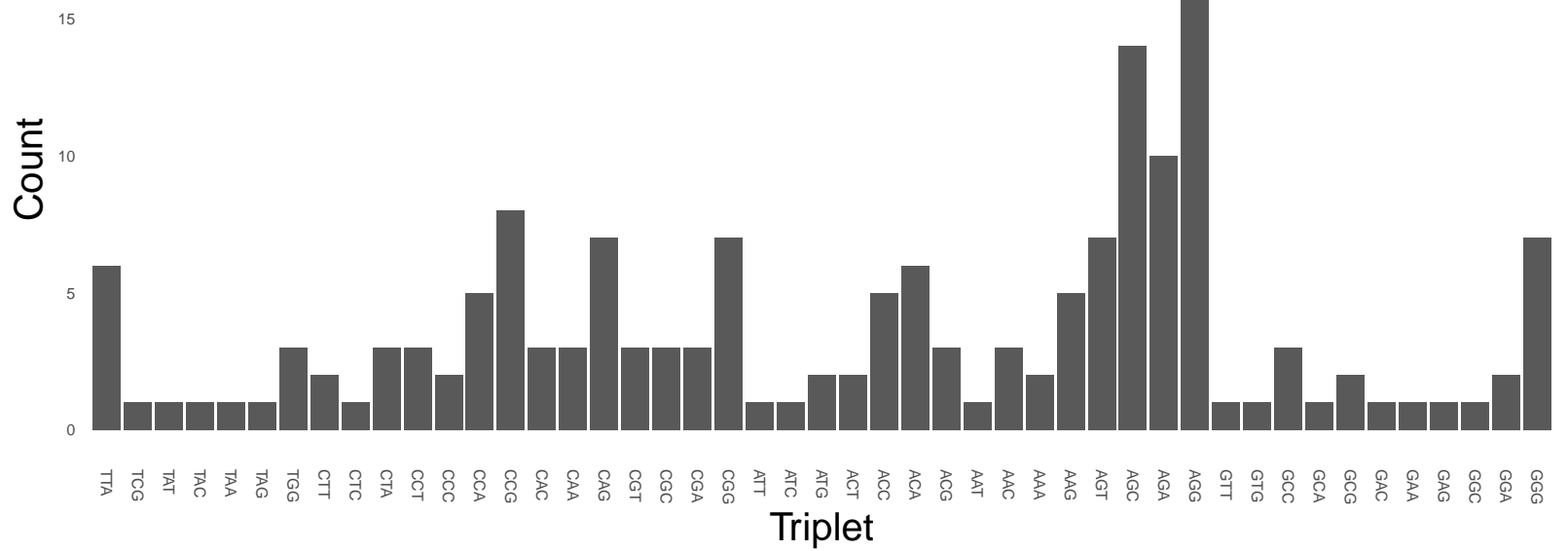
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C_C314T

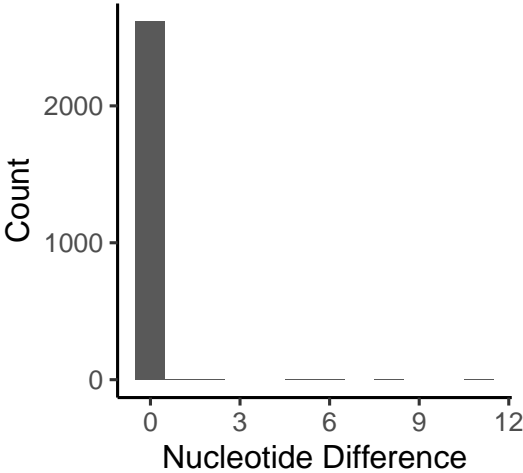


TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



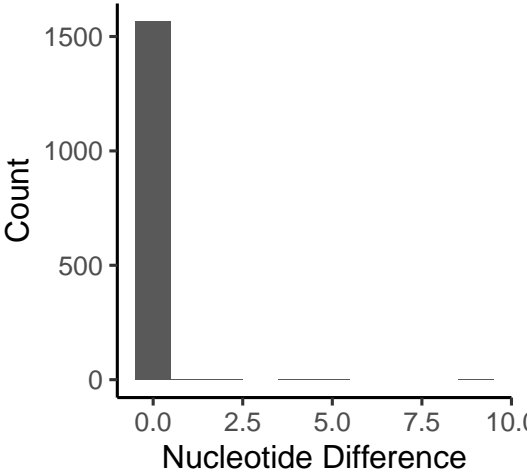
TRBV10-1*ap01

2626 sequences assigned
2617 (99.7%) exact matches, in which:
2613 unique CDR3
13 unique J



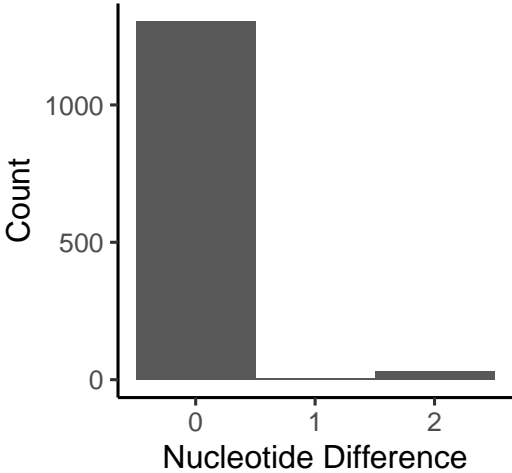
TRBV10-2*ap01

1576 sequences assigned
1566 (99.4%) exact matches, in which:
1566 unique CDR3
13 unique J



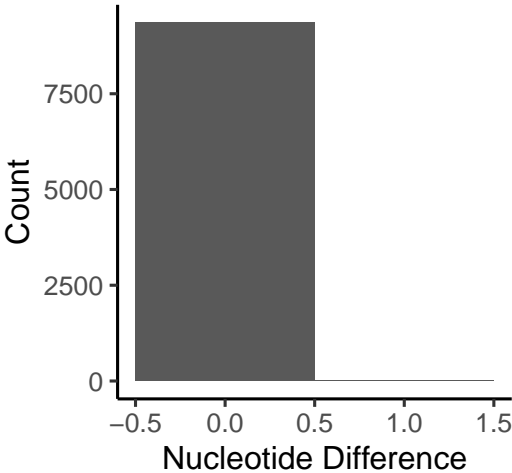
TRBV13*ap01

1339 sequences assigned
1304 (97.4%) exact matches, in which:
1303 unique CDR3
14 unique J



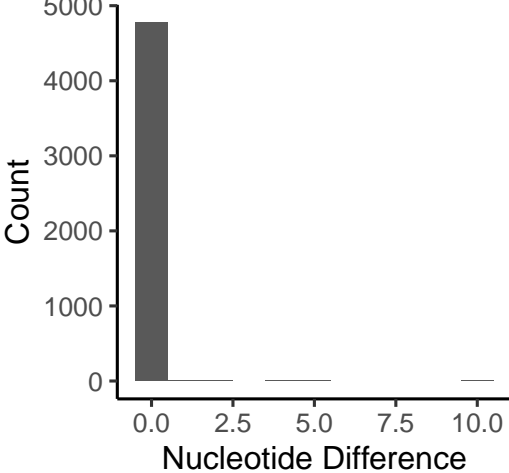
TRBV20-1*ap01

9374 sequences assigned
9354 (99.8%) exact matches, in which:
9344 unique CDR3
13 unique J



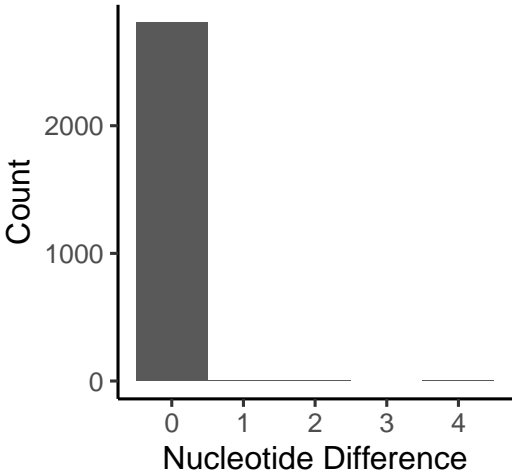
TRBV10-3*ap01

4791 sequences assigned
4773 (99.6%) exact matches, in which:
4768 unique CDR3
13 unique J



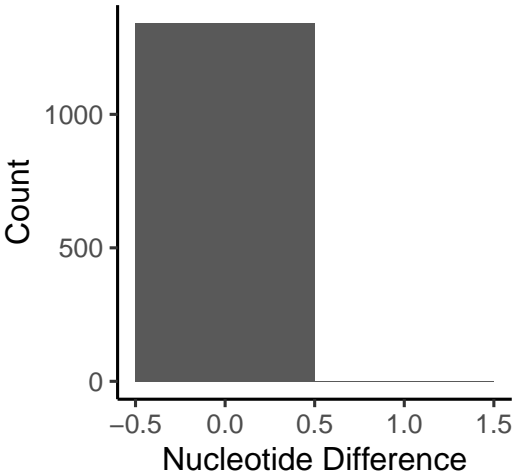
TRBV14*ap01

2815 sequences assigned
2807 (99.7%) exact matches, in which:
2804 unique CDR3
13 unique J



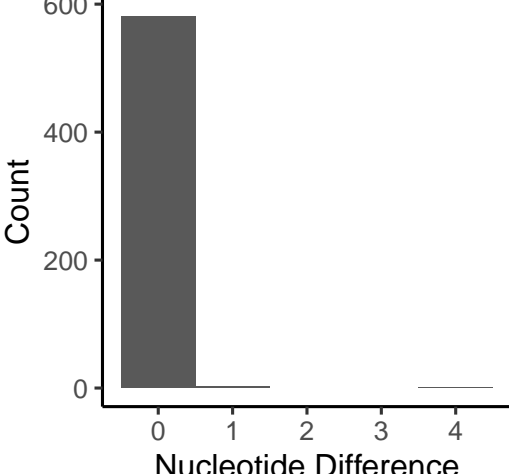
TRBV20-1*ap02

1343 sequences assigned
1342 (99.9%) exact matches, in which:
1341 unique CDR3
13 unique J



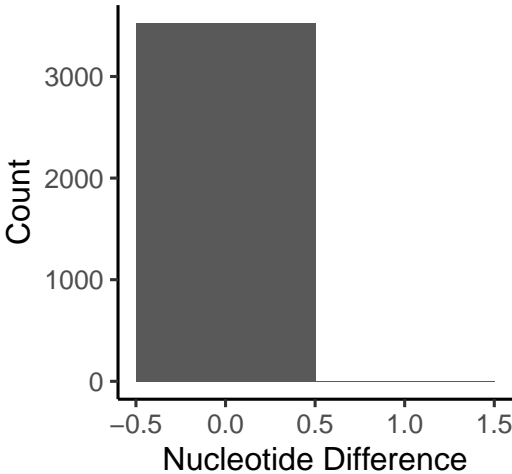
TRBV1*ap01

585 sequences assigned
581 (99.3%) exact matches, in which:
580 unique CDR3
13 unique J



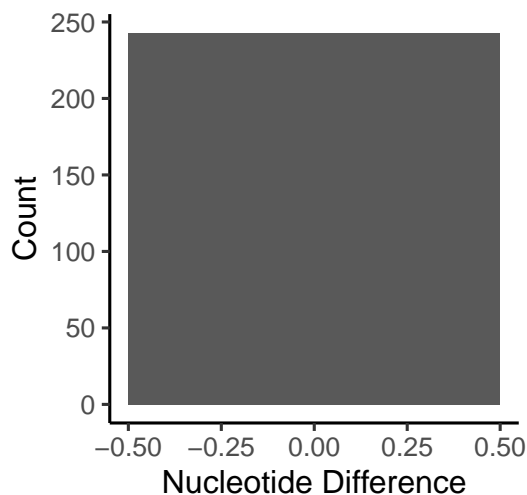
TRBV15*ap02

3531 sequences assigned
3526 (99.9%) exact matches, in which:
3522 unique CDR3
13 unique J



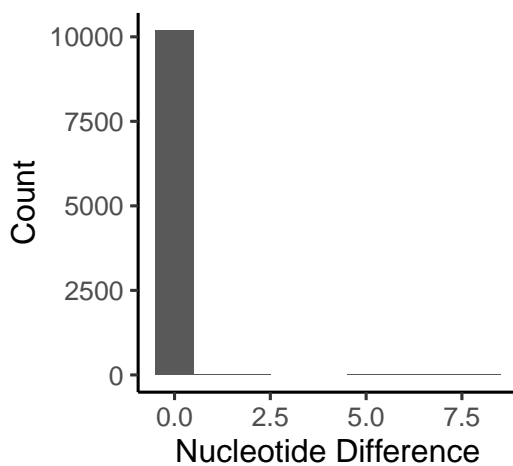
TRBV16*ap01

243 sequences assigned
243 (100%) exact matches, in which:
243 unique CDR3
13 unique J



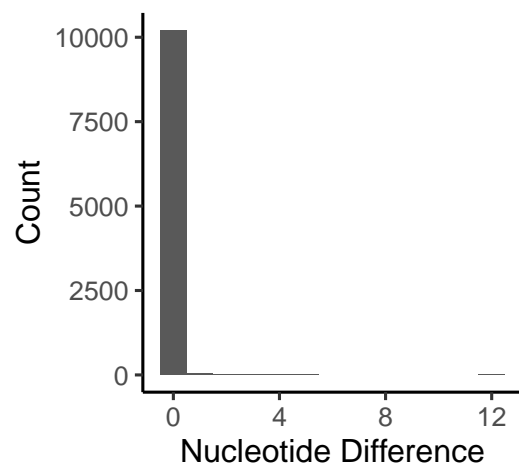
TRBV19*ap01

10226 sequences assigned
10197 (99.7%) exact matches, in which:
10197 unique CDR3
13 unique J



TRBV27*ap01

10260 sequences assigned
10210 (99.5%) exact matches, in which:
10179 unique CDR3
13 unique J



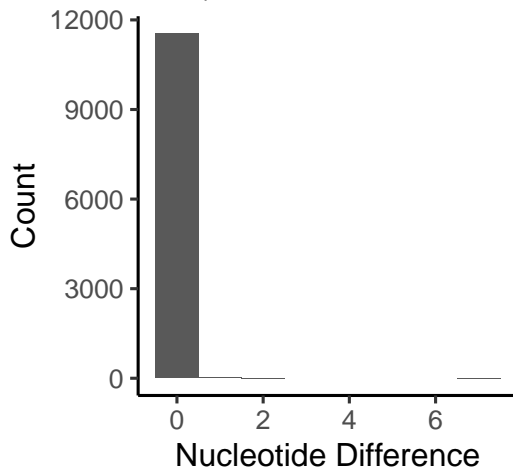
TRBV17*ap01

1 sequences assigned
No exact matches.



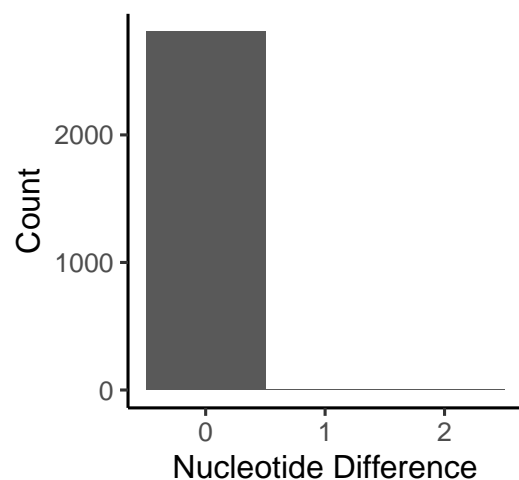
TRBV2*ap01

11583 sequences assigned
11546 (99.7%) exact matches, in which:
11532 unique CDR3
13 unique J



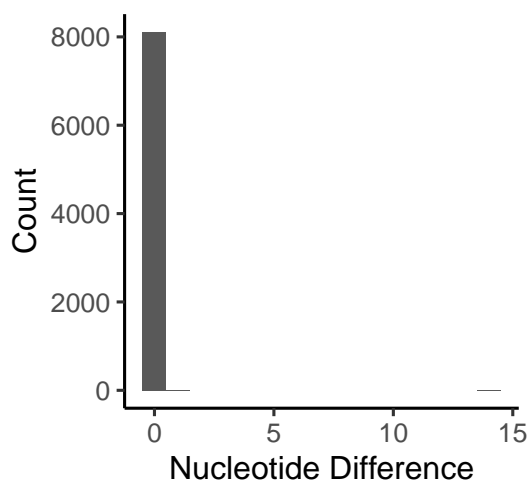
TRBV28*ap01

2814 sequences assigned
2809 (99.8%) exact matches, in which:
2806 unique CDR3
14 unique J



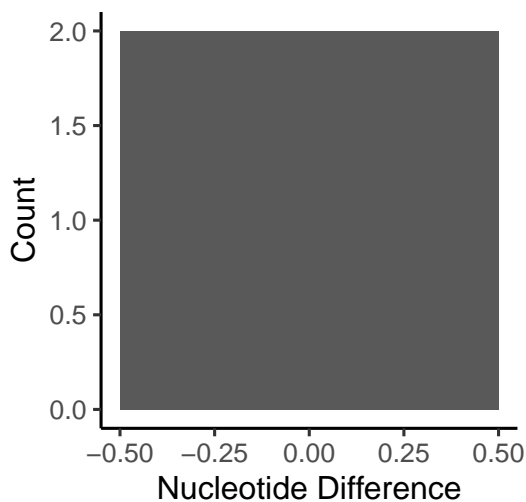
TRBV18*ap01

8116 sequences assigned
8109 (99.9%) exact matches, in which:
8102 unique CDR3
13 unique J



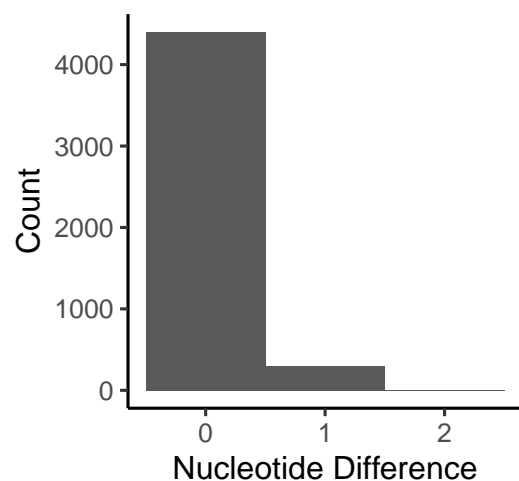
TRBV26*ap01

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



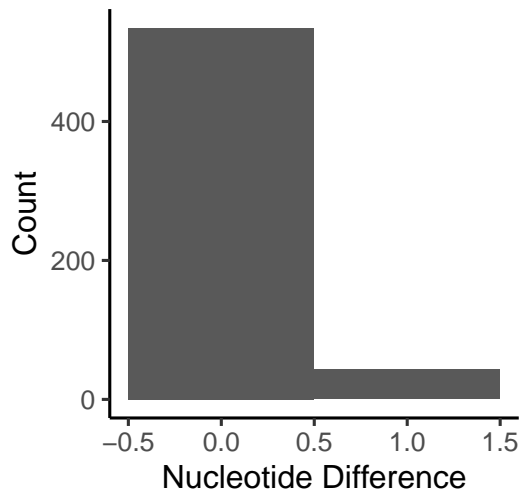
TRBV30*ap01

4698 sequences assigned
4400 (93.7%) exact matches, in which:
4390 unique CDR3
13 unique J



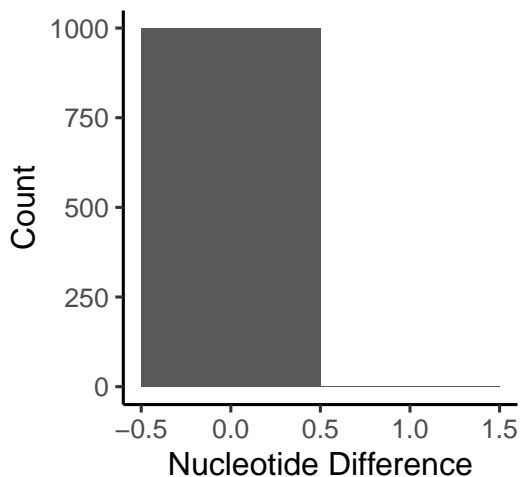
TRBV30*ap03

578 sequences assigned
535 (92.6%) exact matches, in which:
534 unique CDR3
12 unique J



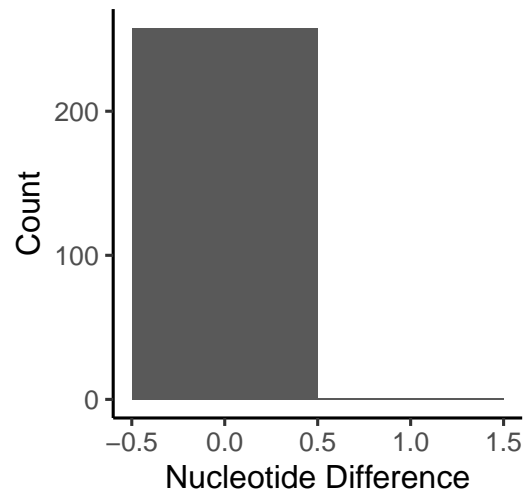
TRBV11-1*ap01

1000 sequences assigned
999 (99.9%) exact matches, in which:
999 unique CDR3
13 unique J



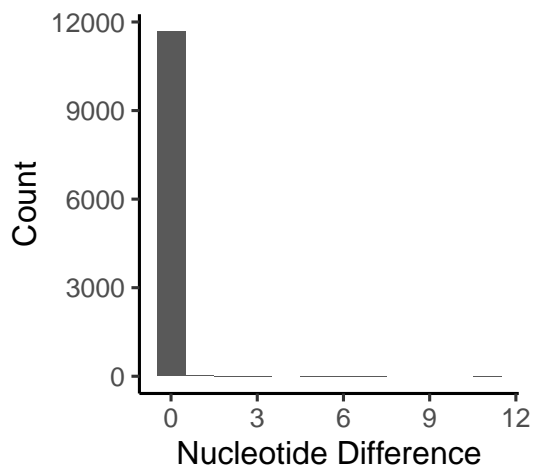
TRBV12-1*ap01

259 sequences assigned
258 (99.6%) exact matches, in which:
258 unique CDR3
13 unique J



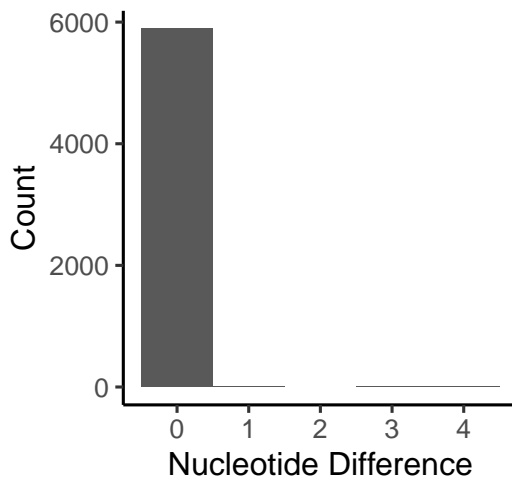
TRBV9*ap01

11705 sequences assigned
11679 (99.8%) exact matches, in which:
11670 unique CDR3
13 unique J



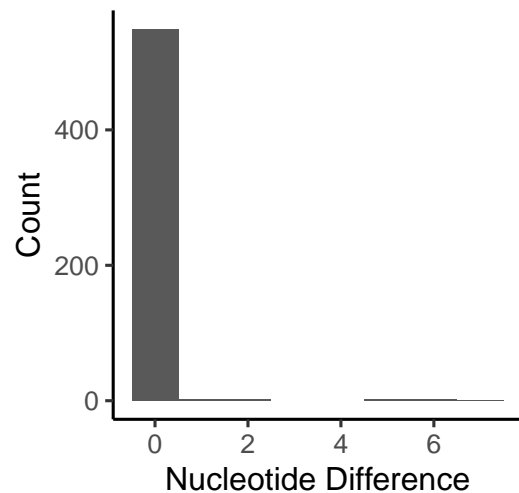
TRBV11-2*ap01

5902 sequences assigned
5891 (99.8%) exact matches, in which:
5891 unique CDR3
13 unique J



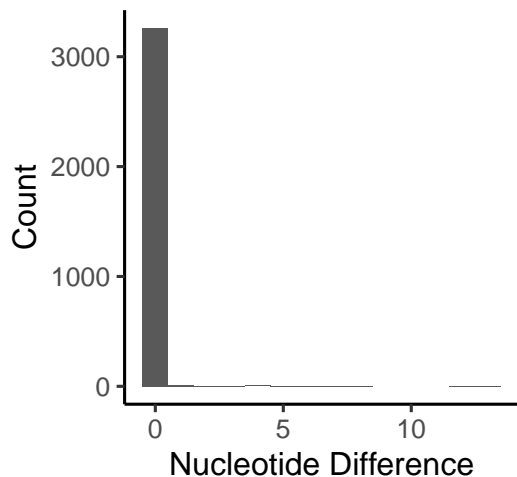
TRBV12-2*ap01

558 sequences assigned
549 (98.4%) exact matches, in which:
548 unique CDR3
13 unique J



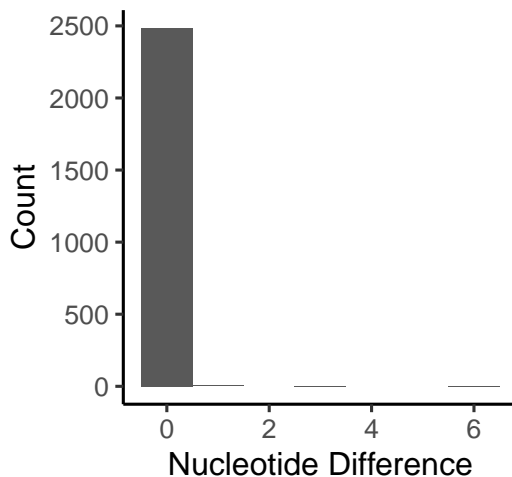
TRBV21-1*ap01

3298 sequences assigned
3261 (98.9%) exact matches, in which:
3261 unique CDR3
13 unique J



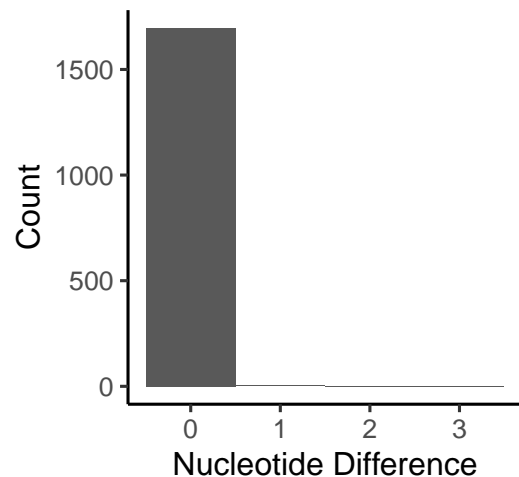
TRBV11-3*ap01

2493 sequences assigned
2485 (99.7%) exact matches, in which:
2484 unique CDR3
13 unique J



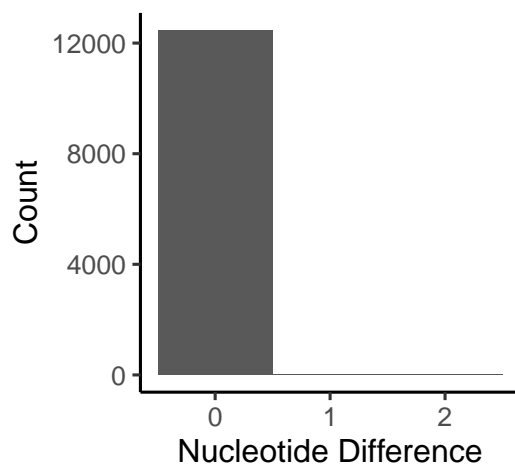
TRBV12-5*ap01

1702 sequences assigned
1696 (99.6%) exact matches, in which:
1695 unique CDR3
13 unique J



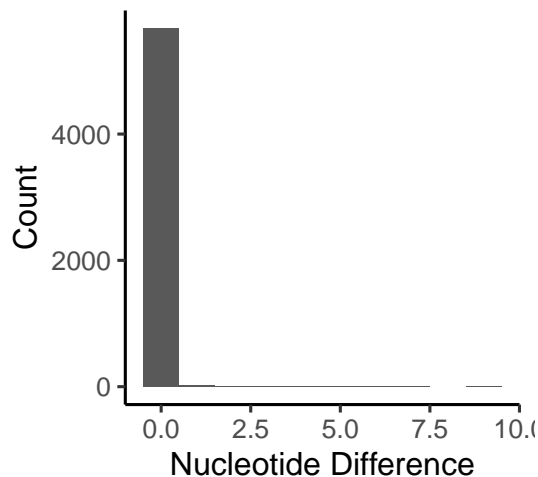
TRBV12-34*ap01

12487 sequences assigned
12468 (99.8%) exact matches, in which:
12463 unique CDR3
13 unique J



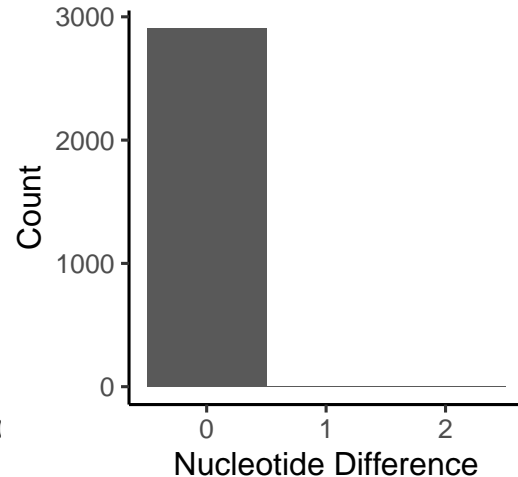
TRBV24-1*ap01

5708 sequences assigned
5673 (99.4%) exact matches, in which:
5663 unique CDR3
13 unique J



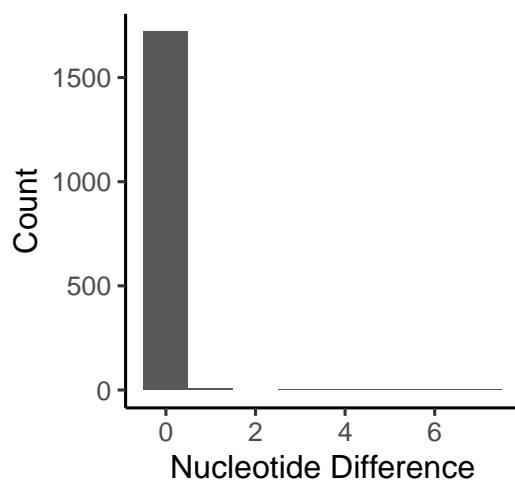
TRBV4-3*ap01

2910 sequences assigned
2906 (99.9%) exact matches, in which:
2899 unique CDR3
13 unique J



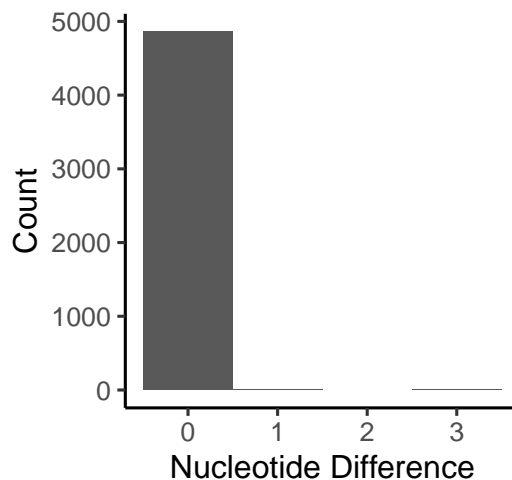
TRBV23-1*ap01

1733 sequences assigned
1720 (99.2%) exact matches, in which:
1720 unique CDR3
13 unique J



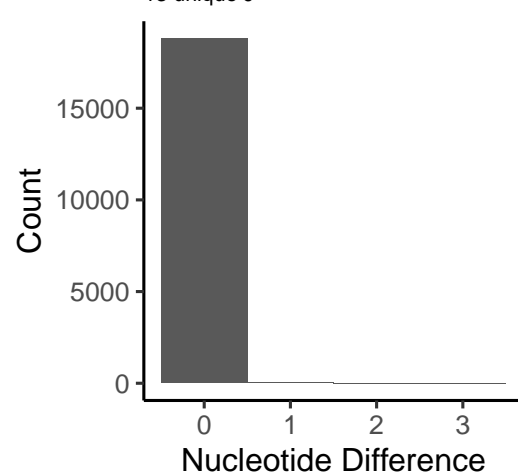
TRBV4-1*ap01

4870 sequences assigned
4860 (99.8%) exact matches, in which:
4859 unique CDR3
13 unique J



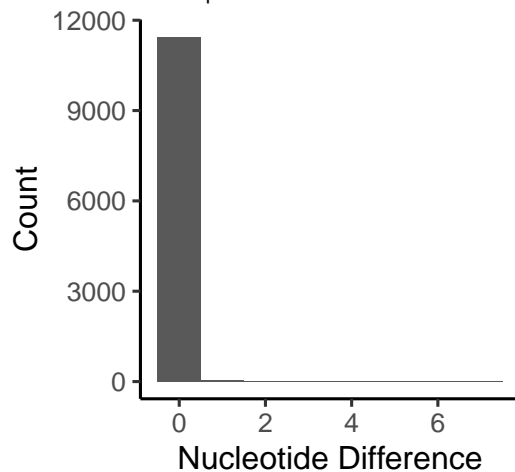
TRBV5-1*ap01

18838 sequences assigned
18803 (99.8%) exact matches, in which:
18746 unique CDR3
13 unique J



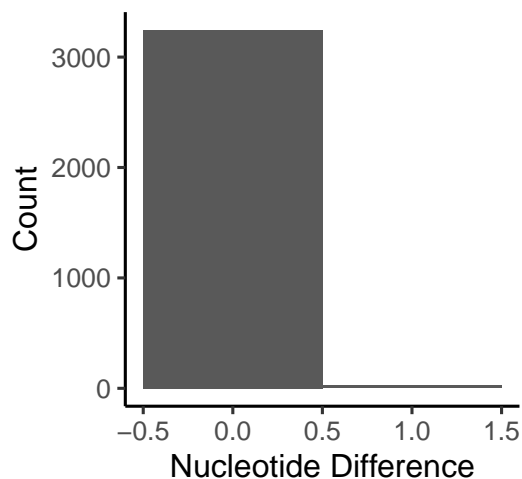
TRBV3-12*ap01

11511 sequences assigned
11450 (99.5%) exact matches, in which:
11432 unique CDR3
13 unique J



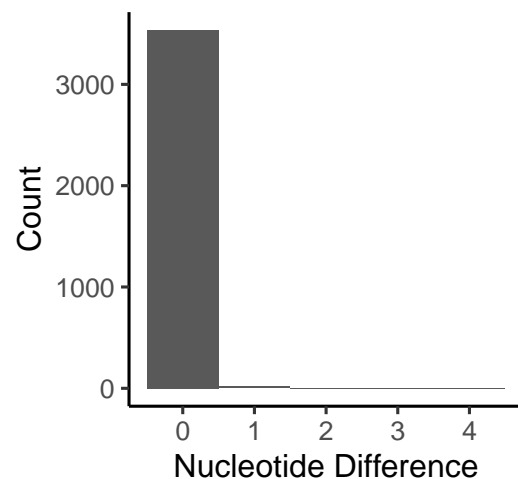
TRBV4-2*ap01

3270 sequences assigned
3245 (99.2%) exact matches, in which:
3245 unique CDR3
13 unique J



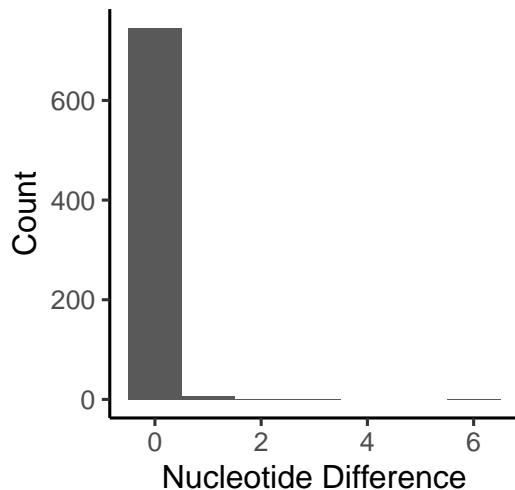
TRBV25-1*ap01

3563 sequences assigned
3536 (99.2%) exact matches, in which:
3532 unique CDR3
13 unique J



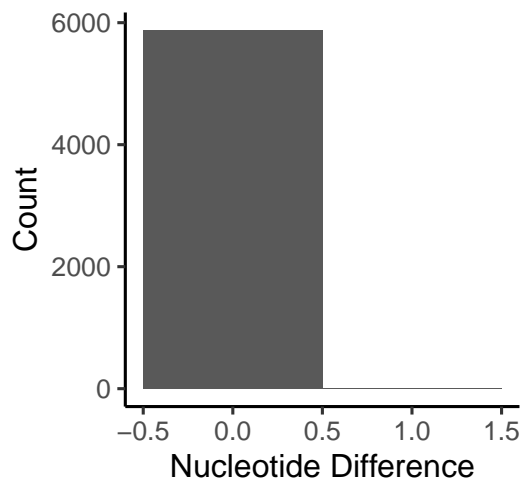
TRBV5-3*ap01

756 sequences assigned
746 (98.7%) exact matches, in which:
744 unique CDR3
13 unique J



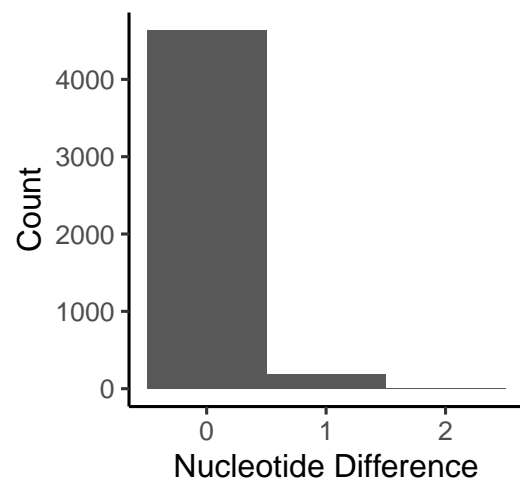
TRBV5-6*ap01

5887 sequences assigned
5873 (99.8%) exact matches, in which:
5850 unique CDR3
13 unique J



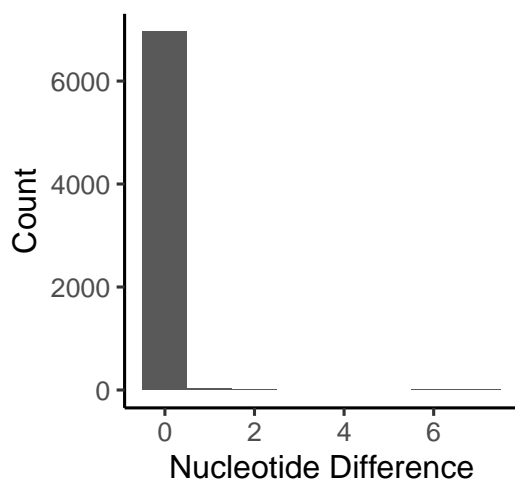
TRBV6-1*ap01

4822 sequences assigned
4633 (96.1%) exact matches, in which:
4631 unique CDR3
13 unique J



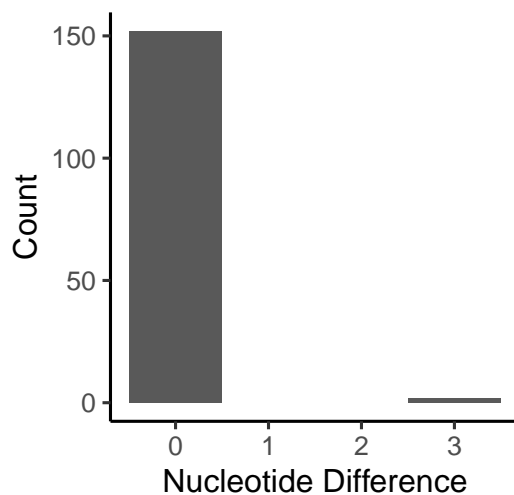
TRBV5-4*ap01

6990 sequences assigned
6958 (99.5%) exact matches, in which:
6955 unique CDR3
13 unique J



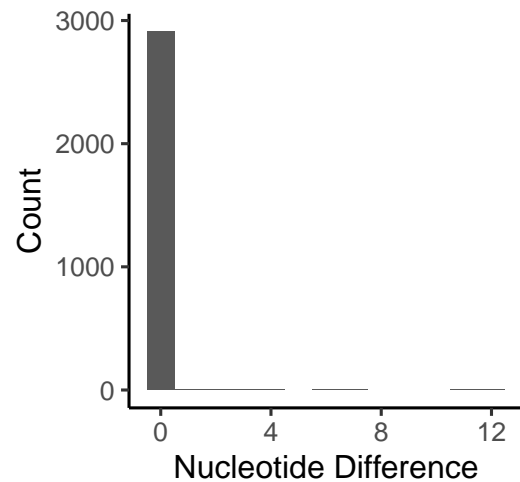
TRBV5-7*ap01

154 sequences assigned
152 (98.7%) exact matches, in which:
149 unique CDR3
13 unique J



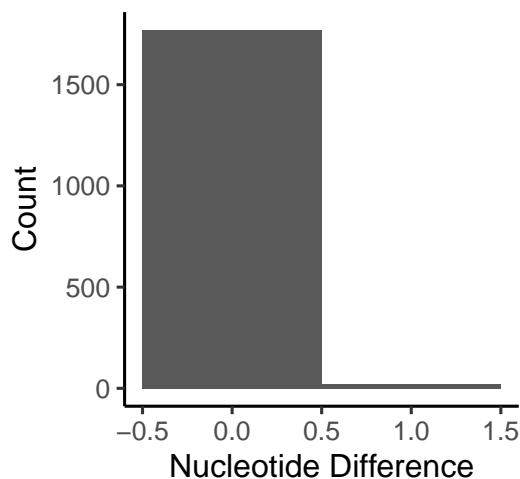
TRBV6-4*ap01

2925 sequences assigned
2909 (99.5%) exact matches, in which:
2909 unique CDR3
13 unique J



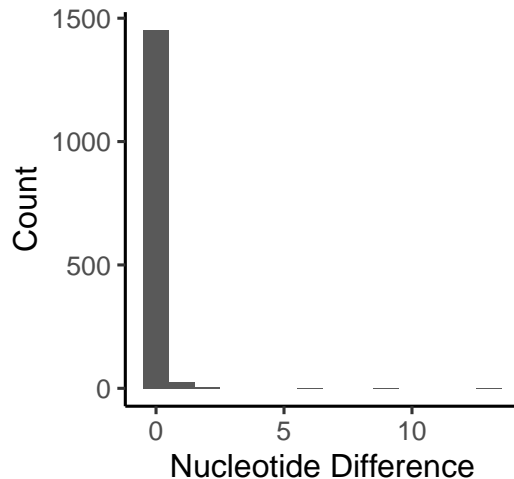
TRBV5-5*ap01

1790 sequences assigned
1770 (98.9%) exact matches, in which:
1759 unique CDR3
13 unique J



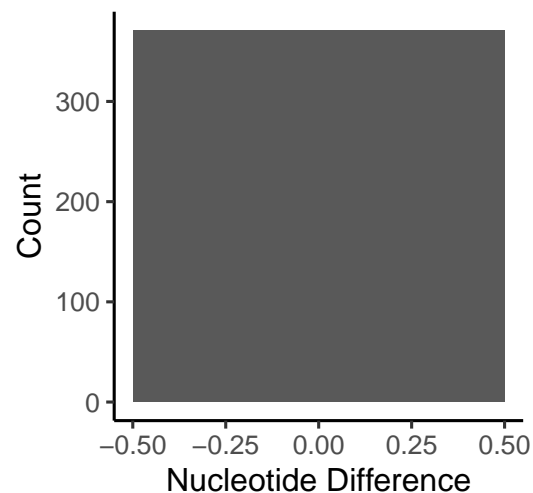
TRBV5-8*ap01

1487 sequences assigned
1452 (97.6%) exact matches, in which:
1452 unique CDR3
13 unique J



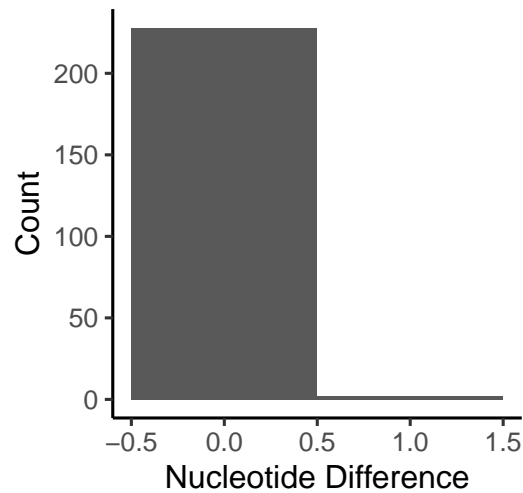
TRBV6-7*ap01

371 sequences assigned
371 (100%) exact matches, in which:
371 unique CDR3
13 unique J



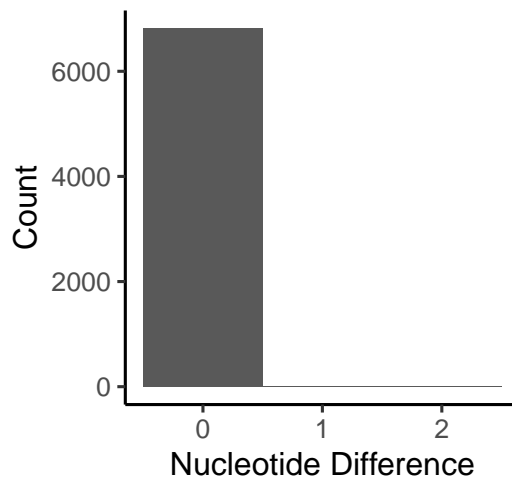
TRBV6-8*ap01

230 sequences assigned
228 (99.1%) exact matches, in which:
228 unique CDR3
13 unique J



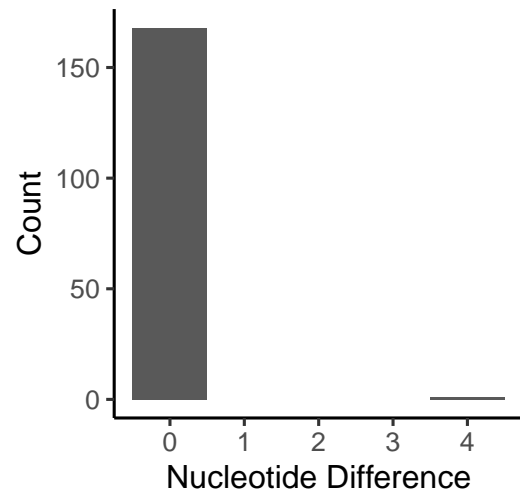
TRBV6-56*ap01

6830 sequences assigned
6816 (99.8%) exact matches, in which:
6810 unique CDR3
13 unique J



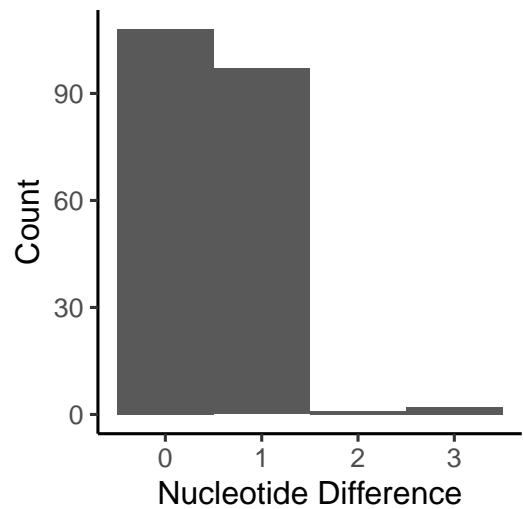
TRBV7-1*ap01_G291C_1

169 sequences assigned
168 (99.4%) exact matches, in which:
168 unique CDR3
12 unique J



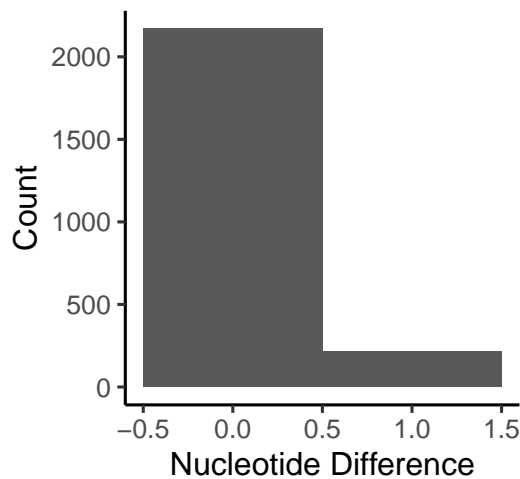
TRBV6-9*ap01

208 sequences assigned
108 (51.9%) exact matches, in which:
108 unique CDR3
13 unique J



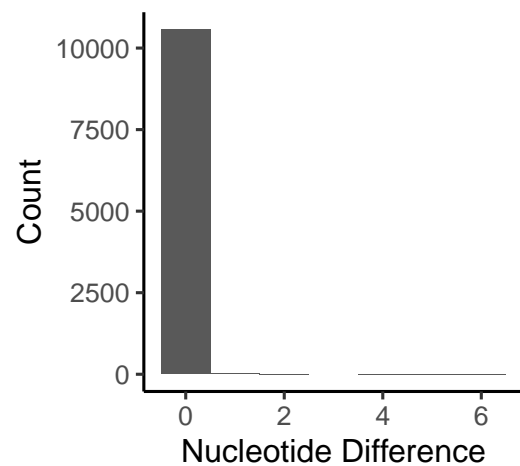
TRBV6-56*ap02

2386 sequences assigned
2170 (90.9%) exact matches, in which:
2169 unique CDR3
13 unique J



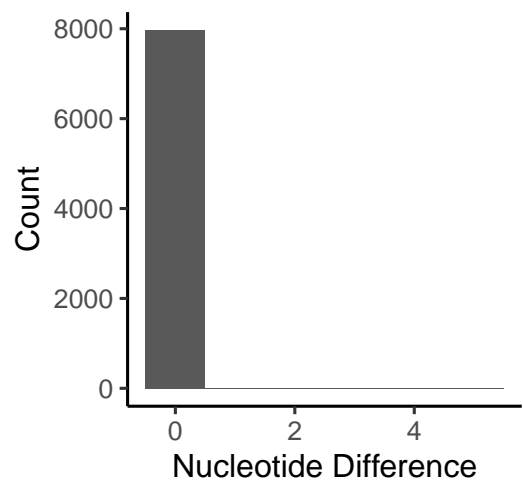
TRBV7-2*ap01

10596 sequences assigned
10570 (99.8%) exact matches, in which:
10569 unique CDR3
13 unique J



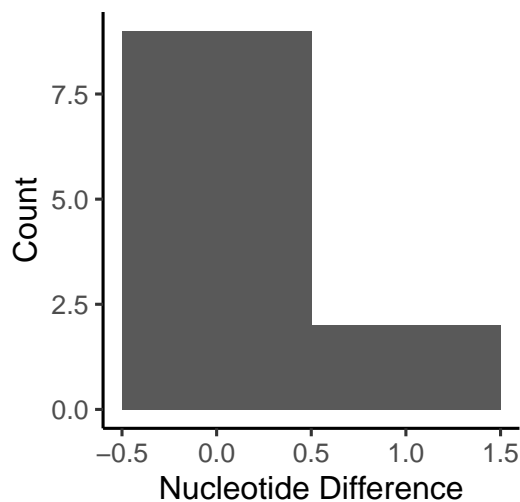
TRBV6-23*ap01

7992 sequences assigned
7971 (99.7%) exact matches, in which:
7960 unique CDR3
13 unique J



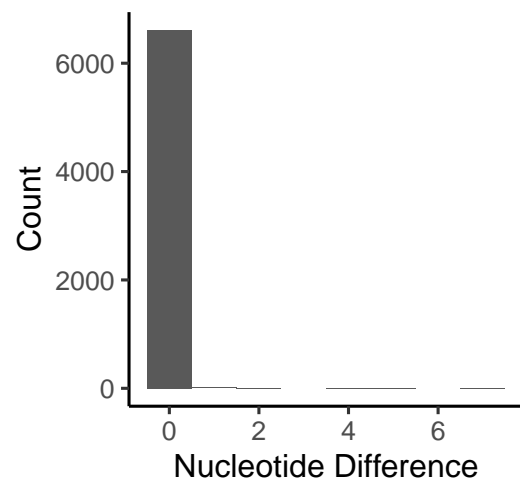
TRBV7-1*ap01

11 sequences assigned
9 (81.8%) exact matches, in which:
9 unique CDR3
7 unique J



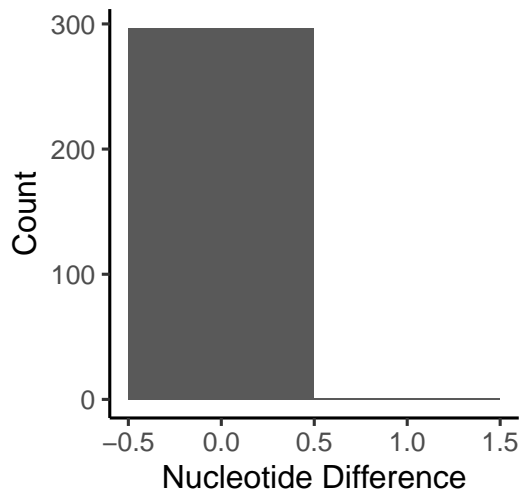
TRBV7-3*ap01

6634 sequences assigned
6612 (99.7%) exact matches, in which:
6595 unique CDR3
13 unique J



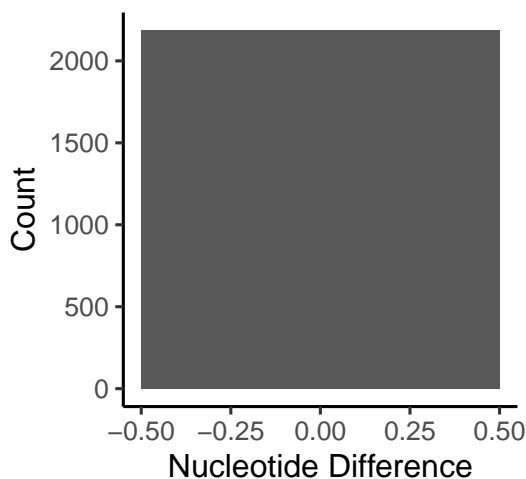
TRBV7-4*ap01

298 sequences assigned
297 (99.7%) exact matches, in which:
297 unique CDR3
13 unique J



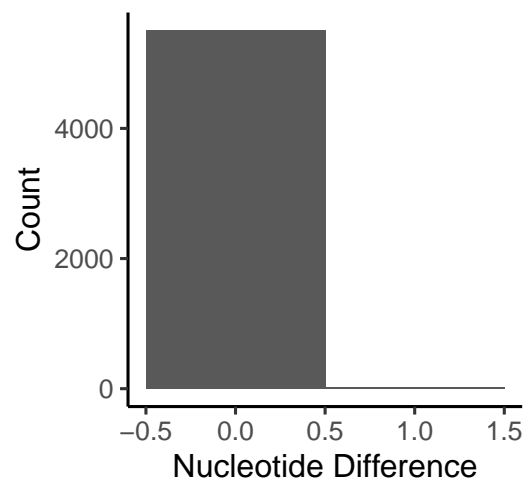
TRBV7-8*ap01

2186 sequences assigned
2186 (100%) exact matches, in which:
2186 unique CDR3
13 unique J



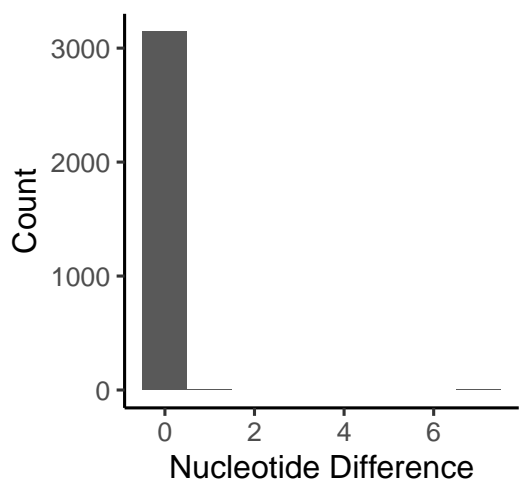
TRBV29-1*ap01

5524 sequences assigned
5506 (99.7%) exact matches, in which:
5490 unique CDR3
13 unique J



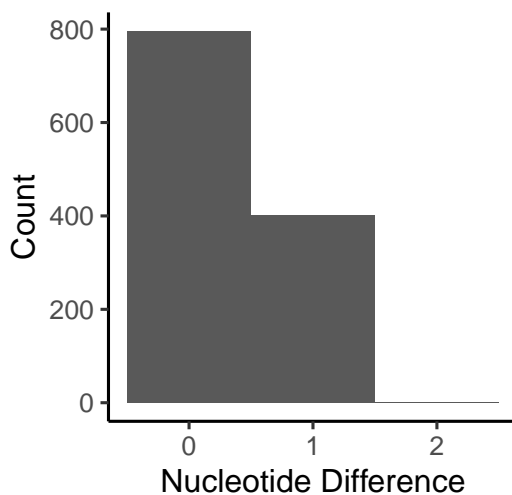
TRBV7-6*ap01

3149 sequences assigned
3144 (99.8%) exact matches, in which:
3142 unique CDR3
13 unique J



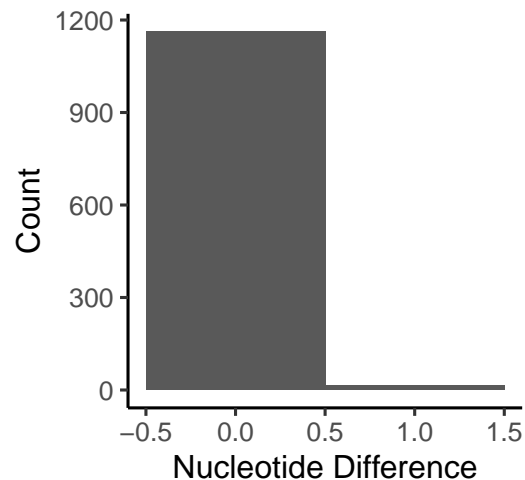
TRBV7-8*ap03

1199 sequences assigned
796 (66.4%) exact matches, in which:
796 unique CDR3
13 unique J



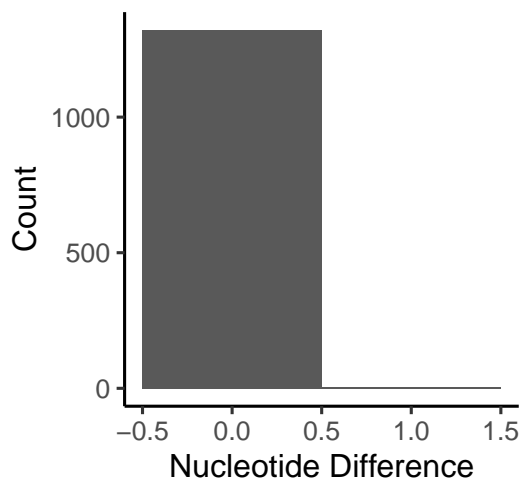
TRBV29-1*ap02

1176 sequences assigned
1162 (98.8%) exact matches, in which:
1158 unique CDR3
14 unique J



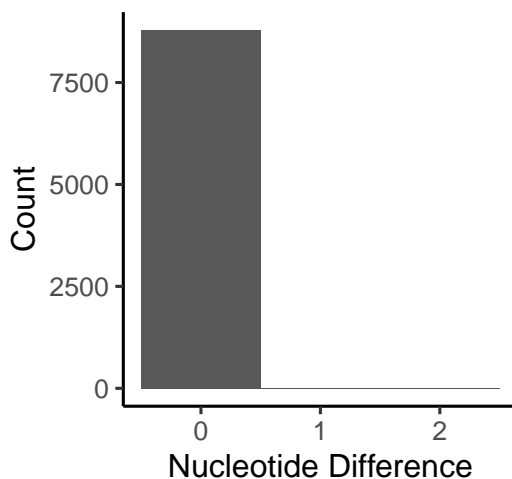
TRBV7-7*ap01

1327 sequences assigned
1321 (99.5%) exact matches, in which:
1321 unique CDR3
13 unique J



TRBV7-9*ap01

8799 sequences assigned
8787 (99.9%) exact matches, in which:
8781 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T

