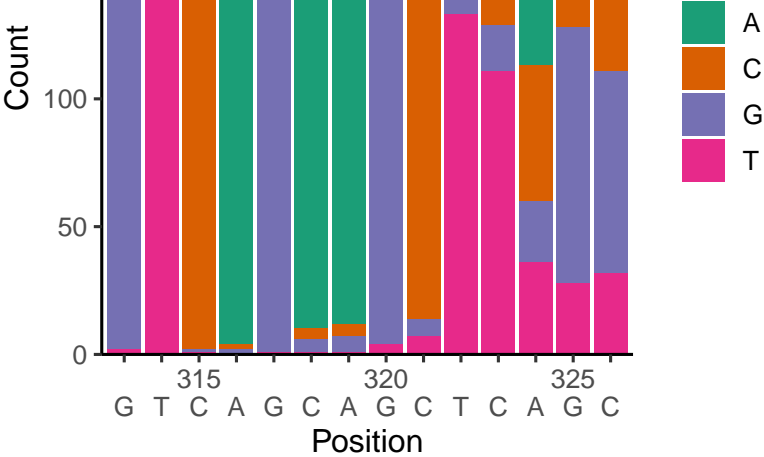
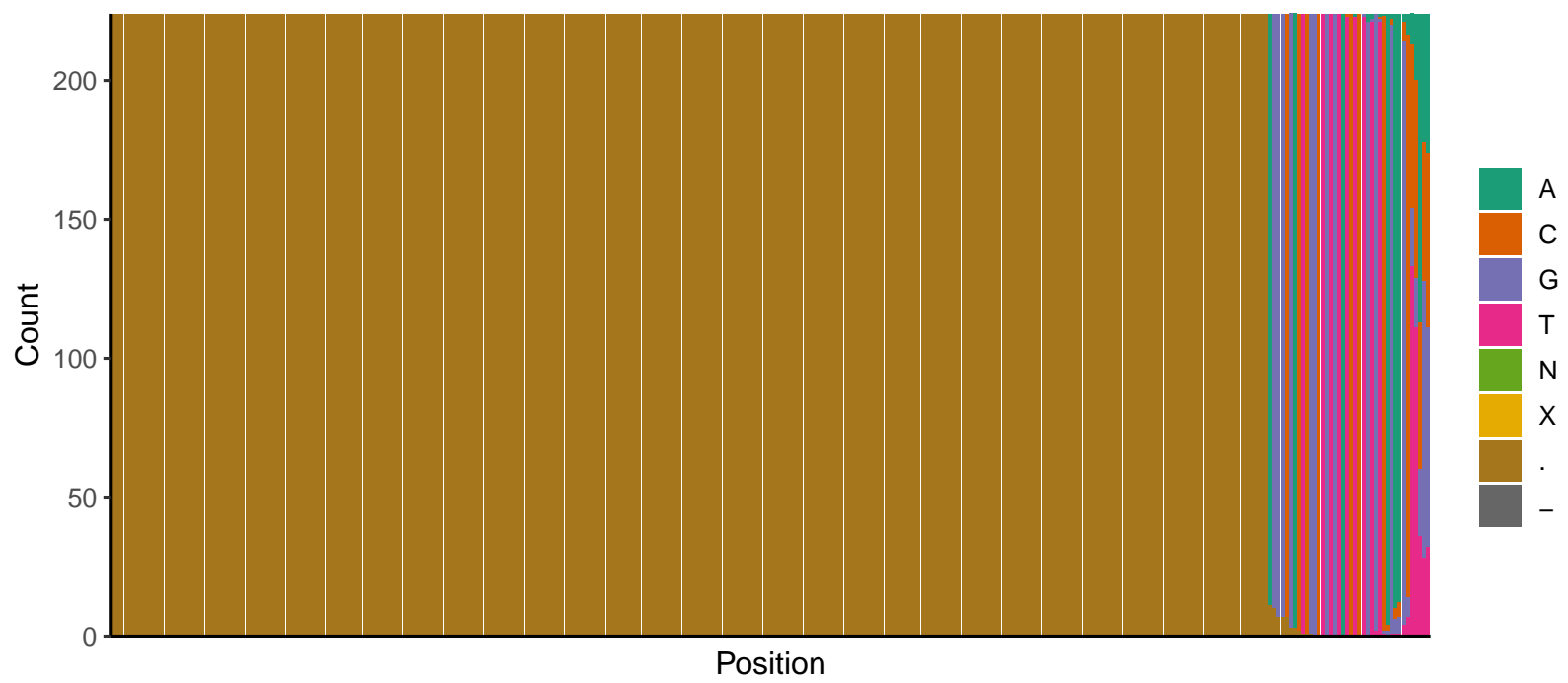


Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-1*ap01_T296C_C314T



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

Count

20

15

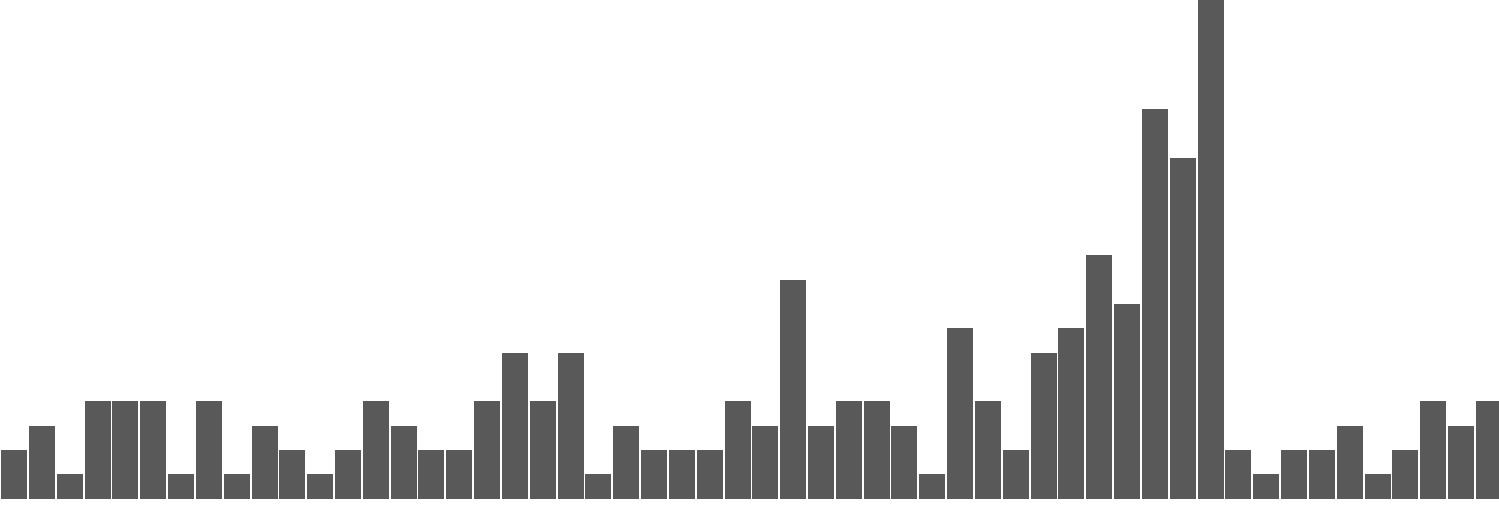
10

5

0

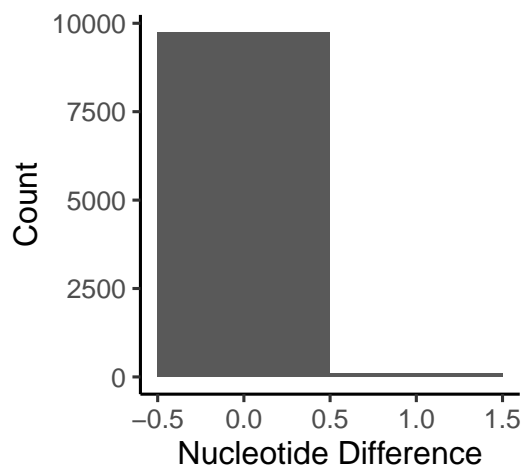
Triplet

TTA TTG TCT TCC TCA TCG TAT TAC TAA TAG TGT TGC TGA TGG CTT CTA CTG CCT CCC CCA CCG CAT CAC CAA CAG CGT CGC CGA CGG ATT ATC ATA ATG ACT ACC ACG AAT AAC AAA AAG AGT AGC AGA AGG GTT GCC GCA GCG GAC GAG GGT GGC GGA GGG



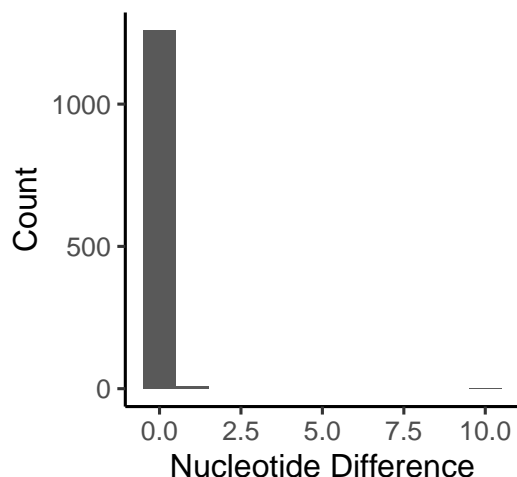
TRBV20-1*ap01

9847 sequences assigned
9749 (99%) exact matches, in which:
9653 unique CDR3
13 unique J



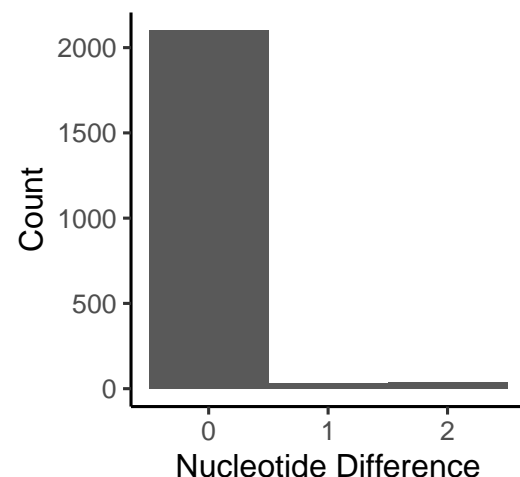
TRBV10-2*ap01

1269 sequences assigned
1259 (99.2%) exact matches, in which:
1236 unique CDR3
13 unique J



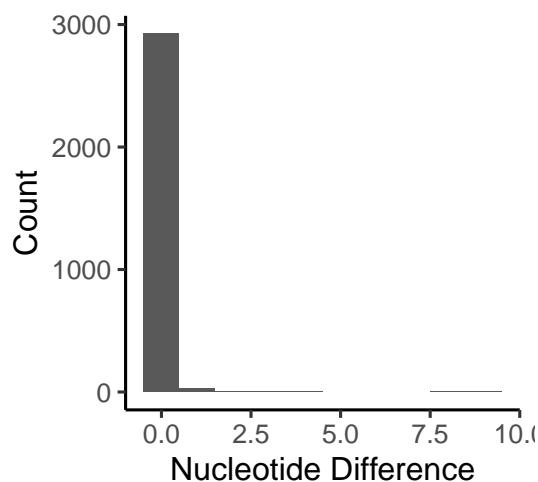
TRBV13*ap01

2168 sequences assigned
2101 (96.9%) exact matches, in which:
2039 unique CDR3
13 unique J



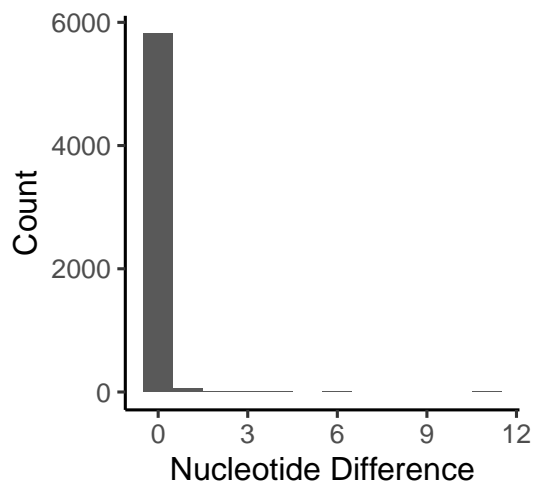
TRBV10-1*ap01

2962 sequences assigned
2925 (98.8%) exact matches, in which:
2871 unique CDR3
13 unique J



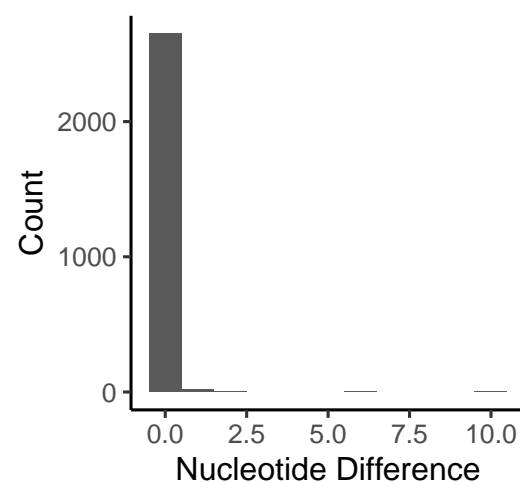
TRBV10-3*ap01

5875 sequences assigned
5815 (99%) exact matches, in which:
5755 unique CDR3
13 unique J



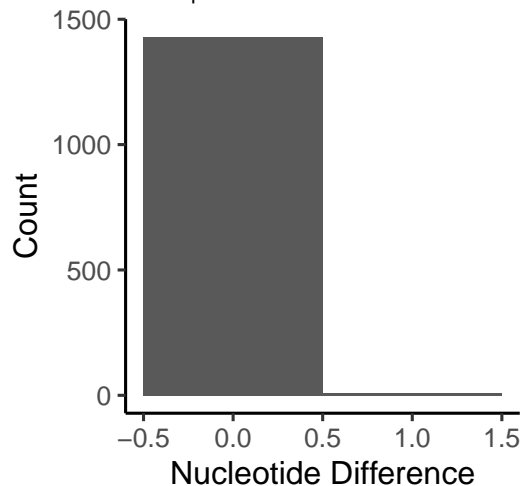
TRBV14*ap01

2669 sequences assigned
2650 (99.3%) exact matches, in which:
2625 unique CDR3
13 unique J



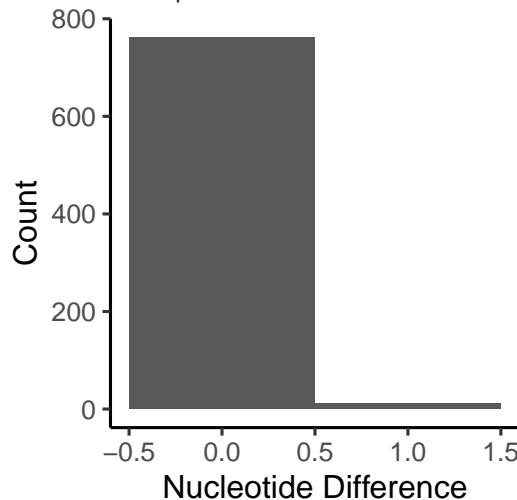
TRBV20-1*ap02

1438 sequences assigned
1429 (99.4%) exact matches, in which:
1412 unique CDR3
13 unique J



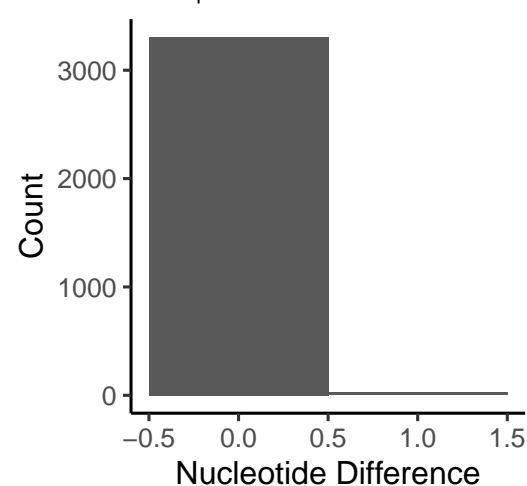
TRBV1*ap01

773 sequences assigned
762 (98.6%) exact matches, in which:
750 unique CDR3
13 unique J



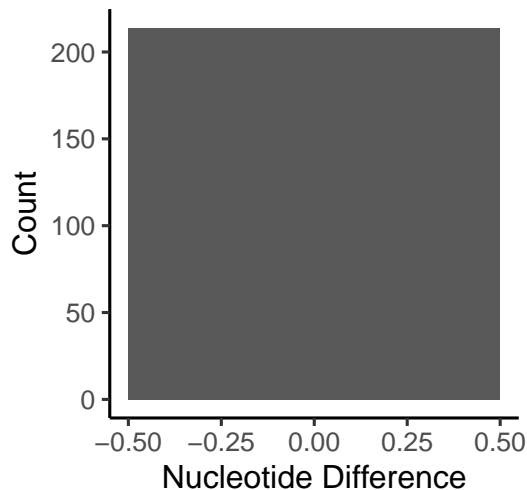
TRBV15*ap02

3333 sequences assigned
3306 (99.2%) exact matches, in which:
3267 unique CDR3
13 unique J



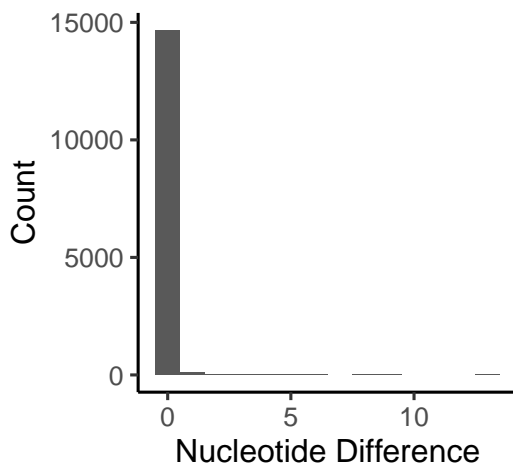
TRBV16*ap01

214 sequences assigned
214 (100%) exact matches, in which:
214 unique CDR3
13 unique J



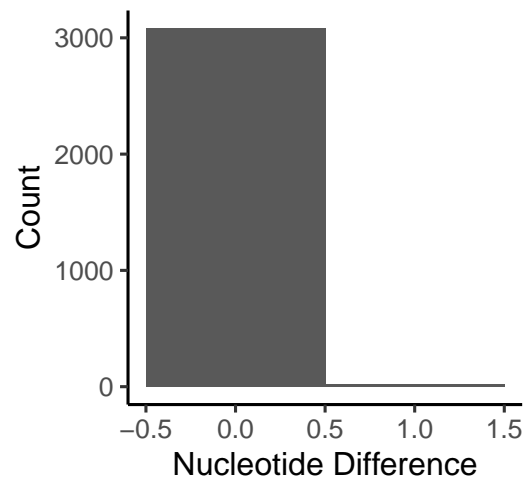
TRBV19*ap01

14808 sequences assigned
14669 (99.1%) exact matches, in which:
14583 unique CDR3
13 unique J



TRBV28*ap01

3103 sequences assigned
3081 (99.3%) exact matches, in which:
3052 unique CDR3
13 unique J



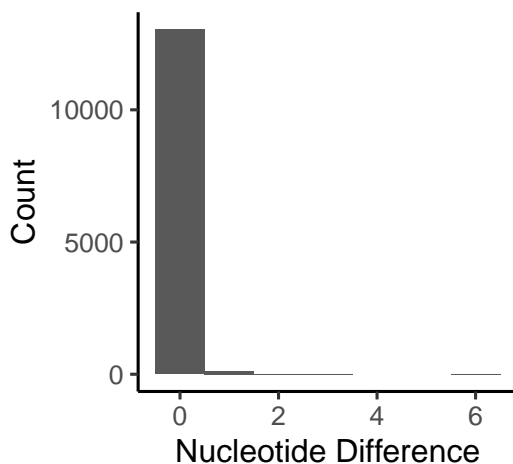
TRBV17*ap01

1 sequences assigned
No exact matches.



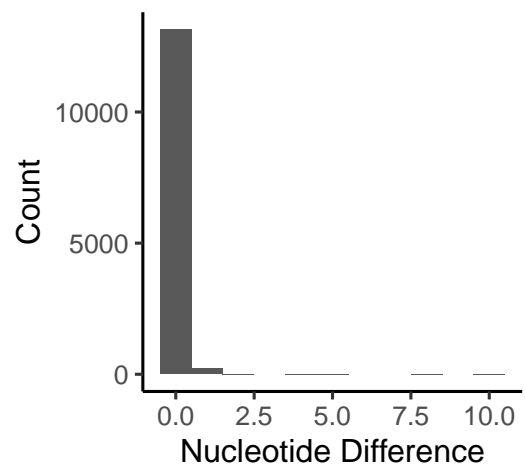
TRBV2*ap01

13178 sequences assigned
13039 (98.9%) exact matches, in which:
12850 unique CDR3
13 unique J



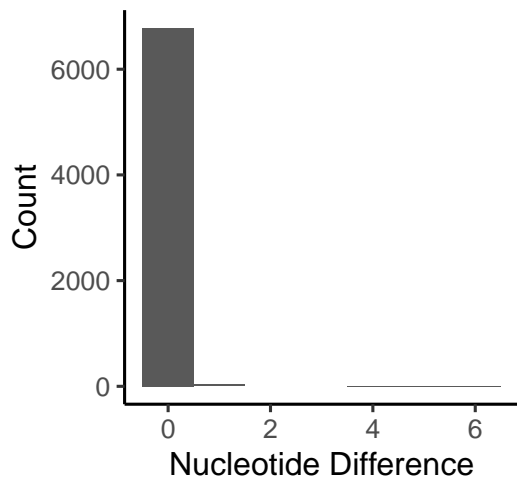
TRBV30*ap01

13378 sequences assigned
13148 (98.3%) exact matches, in which:
12951 unique CDR3
13 unique J



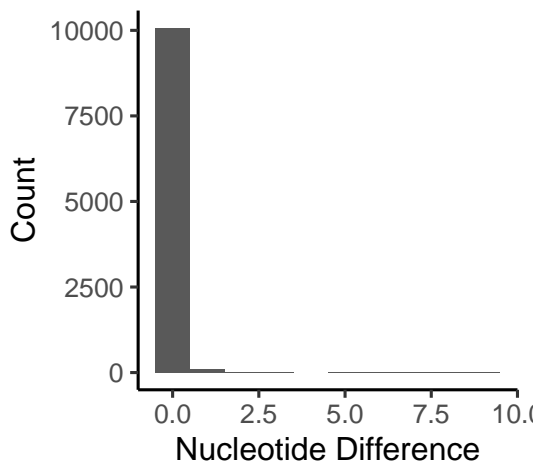
TRBV18*ap01

6818 sequences assigned
6779 (99.4%) exact matches, in which:
6740 unique CDR3
13 unique J



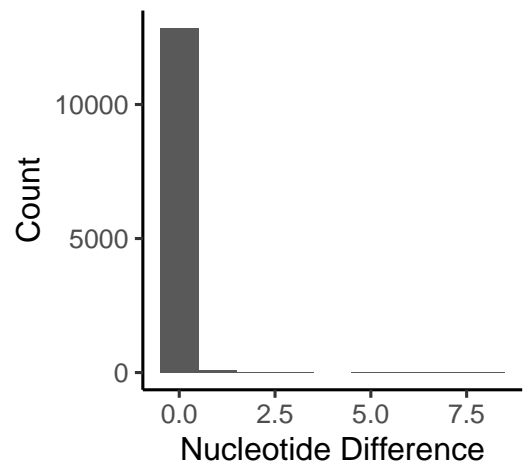
TRBV27*ap01

10192 sequences assigned
10075 (98.9%) exact matches, in which:
9904 unique CDR3
13 unique J



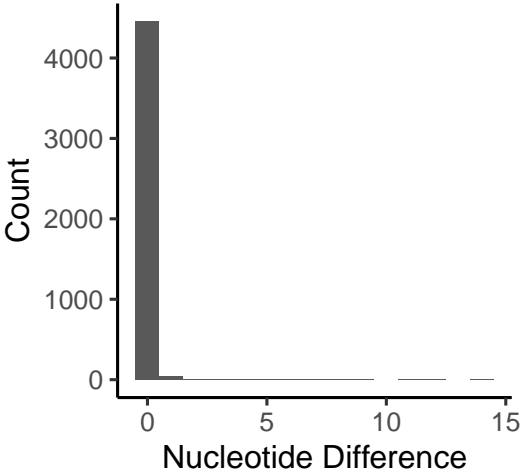
TRBV9*ap01

12979 sequences assigned
12861 (99.1%) exact matches, in which:
12712 unique CDR3
13 unique J



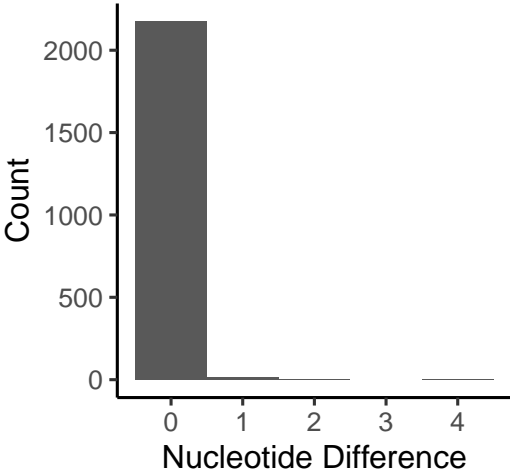
TRBV21-1*ap01

4528 sequences assigned
4455 (98.4%) exact matches, in which:
4413 unique CDR3
13 unique J



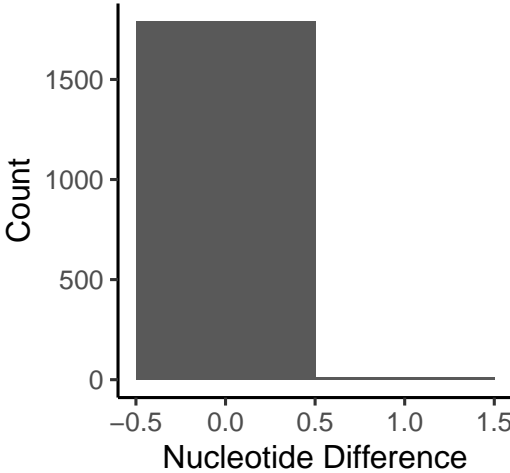
TRBV11-3*ap01

2195 sequences assigned
2175 (99.1%) exact matches, in which:
2157 unique CDR3
13 unique J



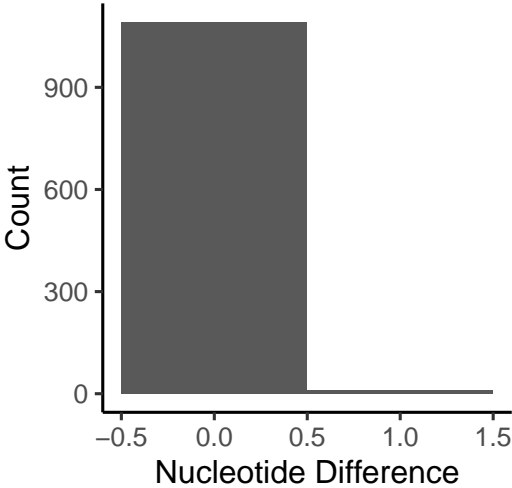
TRBV12-5*ap01

1802 sequences assigned
1790 (99.3%) exact matches, in which:
1771 unique CDR3
13 unique J



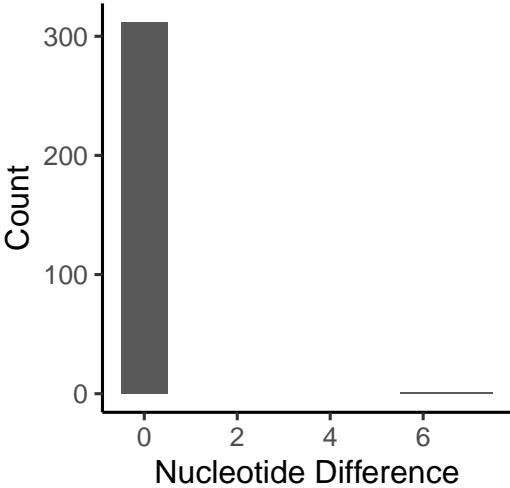
TRBV11-1*ap01

1102 sequences assigned
1092 (99.1%) exact matches, in which:
1076 unique CDR3
13 unique J



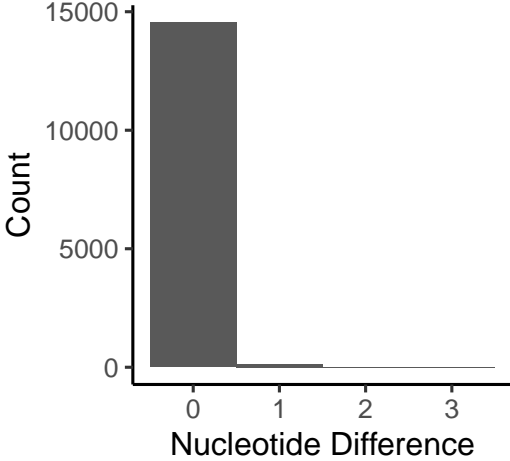
TRBV12-1*ap01

314 sequences assigned
312 (99.4%) exact matches, in which:
311 unique CDR3
14 unique J



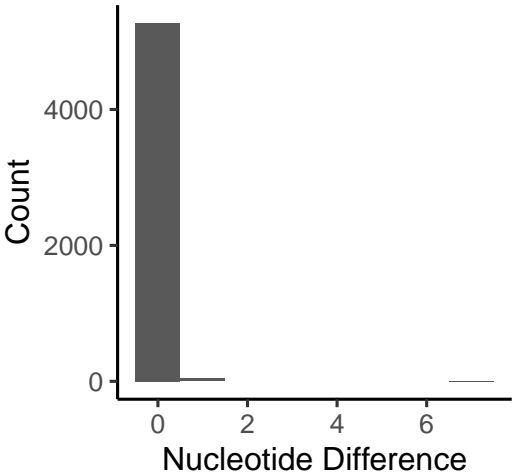
TRBV12-34*ap01

14701 sequences assigned
14547 (99%) exact matches, in which:
14362 unique CDR3
13 unique J



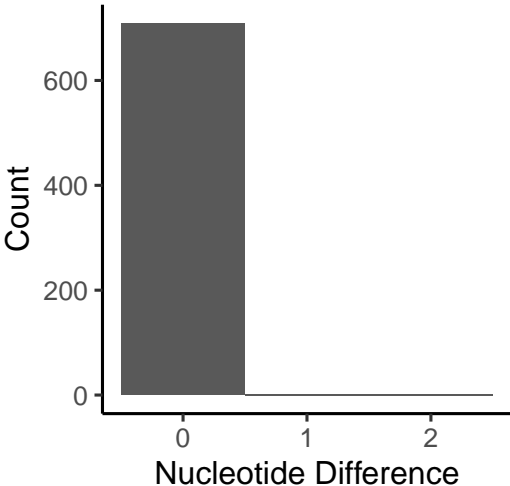
TRBV11-2*ap01

5316 sequences assigned
5271 (99.2%) exact matches, in which:
5221 unique CDR3
13 unique J



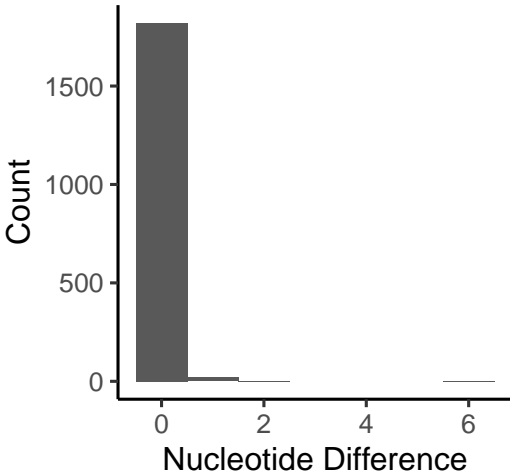
TRBV12-2*ap01

713 sequences assigned
709 (99.4%) exact matches, in which:
694 unique CDR3
13 unique J



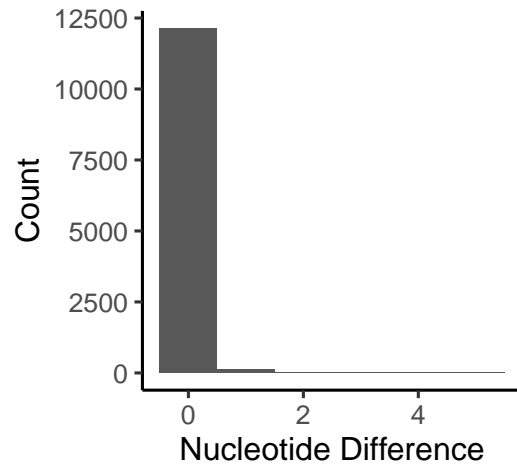
TRBV23-1*ap01

1843 sequences assigned
1820 (98.8%) exact matches, in which:
1801 unique CDR3
13 unique J



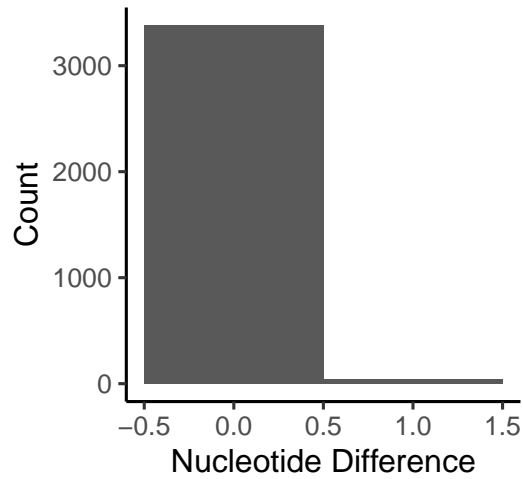
TRBV3-12*ap01

12264 sequences assigned
12143 (99%) exact matches, in which:
11966 unique CDR3
13 unique J



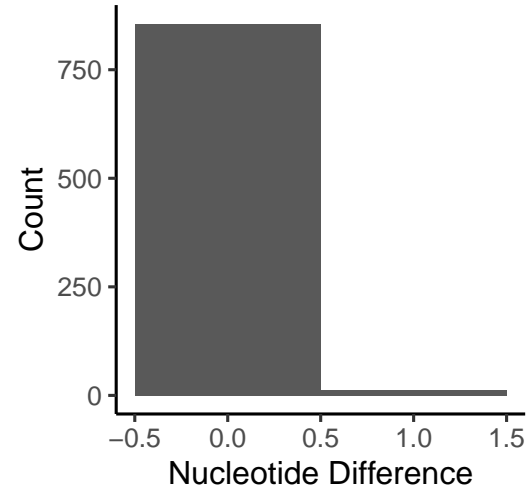
TRBV4-2*ap01

3424 sequences assigned
3380 (98.7%) exact matches, in which:
3321 unique CDR3
13 unique J



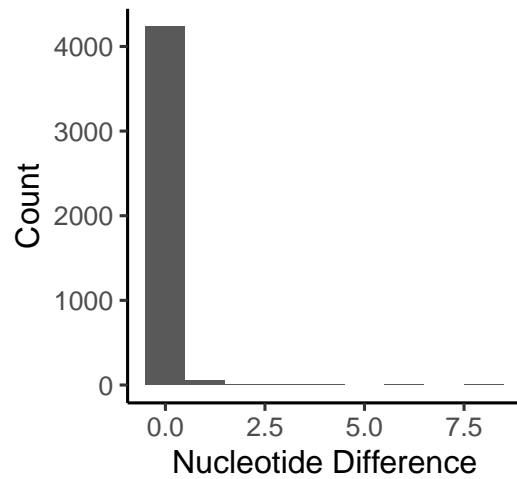
TRBV5-3*ap01

868 sequences assigned
856 (98.6%) exact matches, in which:
847 unique CDR3
13 unique J



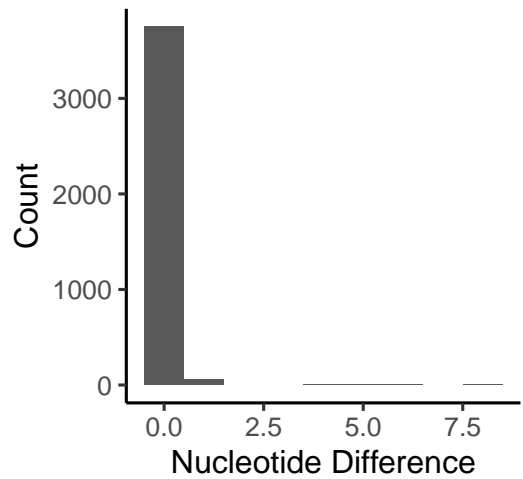
TRBV24-1*ap01

4296 sequences assigned
4233 (98.5%) exact matches, in which:
4159 unique CDR3
13 unique J



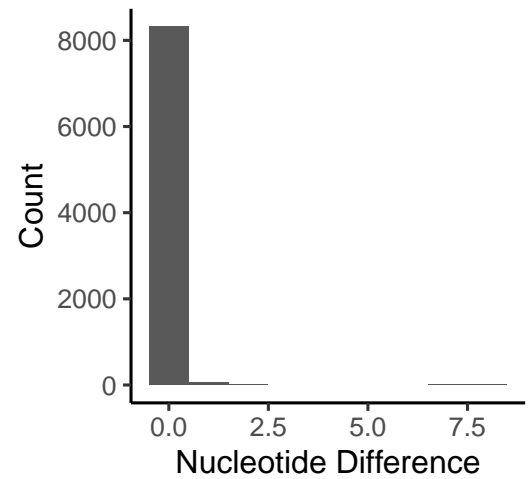
TRBV25-1*ap01

3814 sequences assigned
3750 (98.3%) exact matches, in which:
3694 unique CDR3
13 unique J



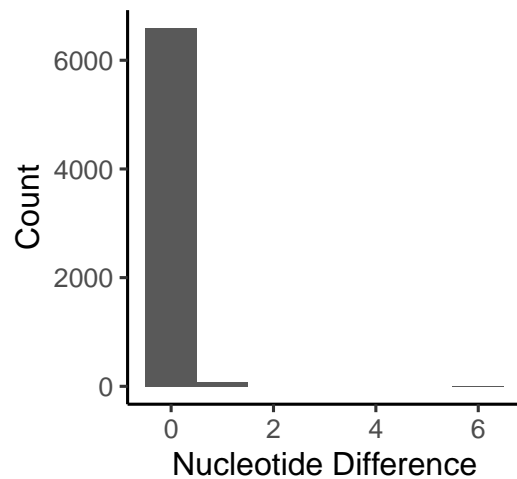
TRBV5-4*ap01

8386 sequences assigned
8316 (99.2%) exact matches, in which:
8184 unique CDR3
13 unique J



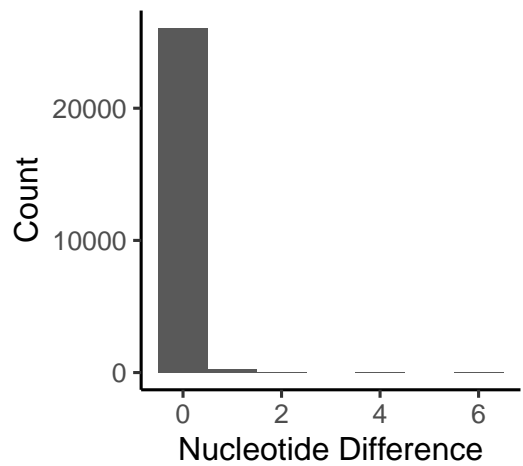
TRBV4-1*ap01

6668 sequences assigned
6593 (98.9%) exact matches, in which:
6479 unique CDR3
13 unique J



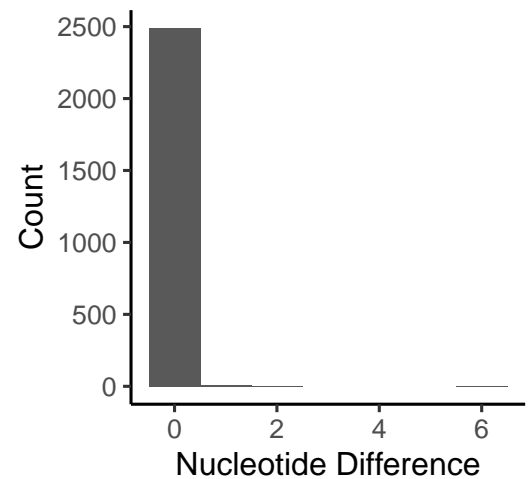
TRBV5-1*ap01

26355 sequences assigned
26086 (99%) exact matches, in which:
25674 unique CDR3
13 unique J



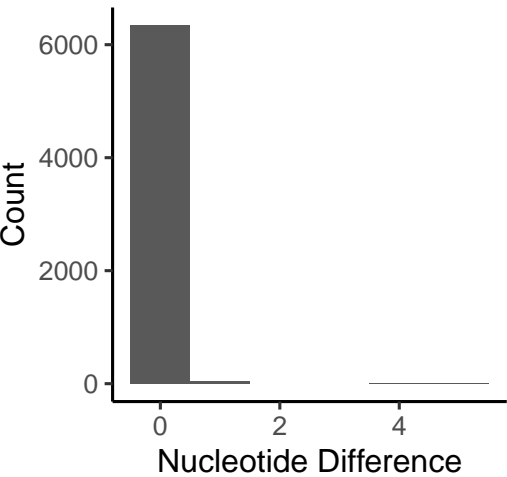
TRBV5-5*ap01

2503 sequences assigned
2490 (99.5%) exact matches, in which:
2473 unique CDR3
13 unique J



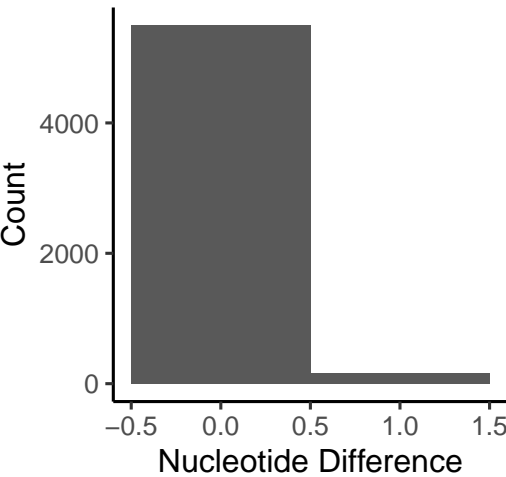
TRBV5-6*ap01

6395 sequences assigned
6341 (99.2%) exact matches, in which:
6208 unique CDR3
13 unique J



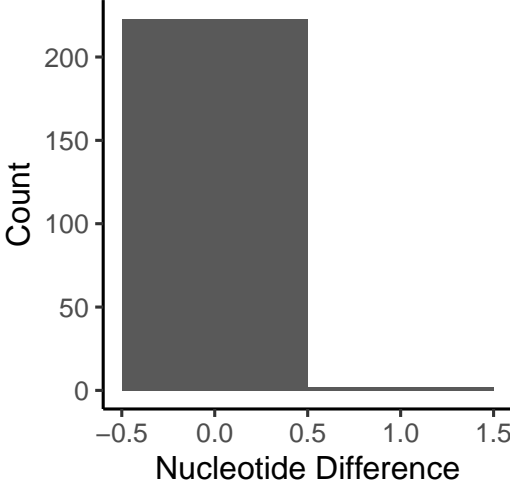
TRBV6-1*ap01

5654 sequences assigned
5496 (97.2%) exact matches, in which:
5404 unique CDR3
13 unique J



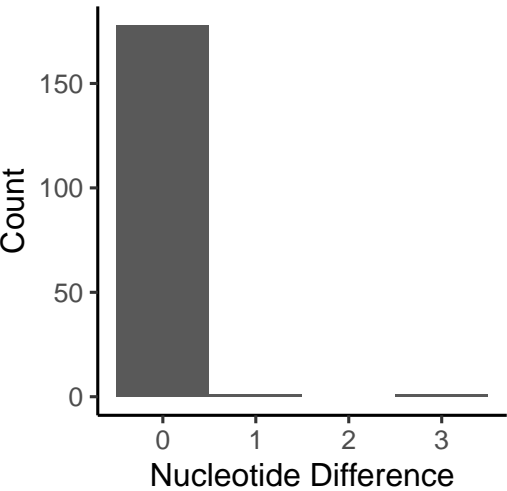
TRBV6-8*ap01

225 sequences assigned
223 (99.1%) exact matches, in which:
219 unique CDR3
13 unique J



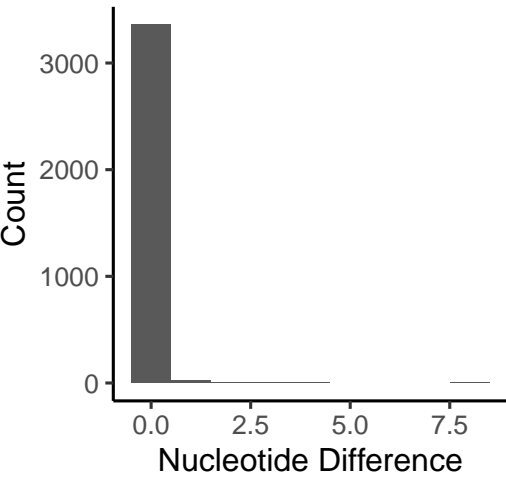
TRBV5-7*ap01

180 sequences assigned
178 (98.9%) exact matches, in which:
171 unique CDR3
13 unique J



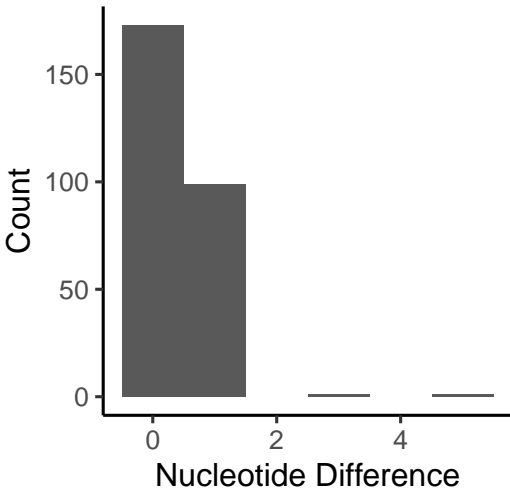
TRBV6-4*ap01

3396 sequences assigned
3359 (98.9%) exact matches, in which:
3325 unique CDR3
13 unique J



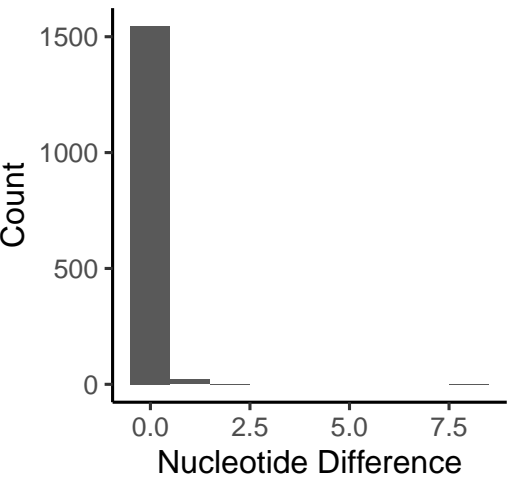
TRBV6-9*ap01

274 sequences assigned
173 (63.1%) exact matches, in which:
170 unique CDR3
13 unique J



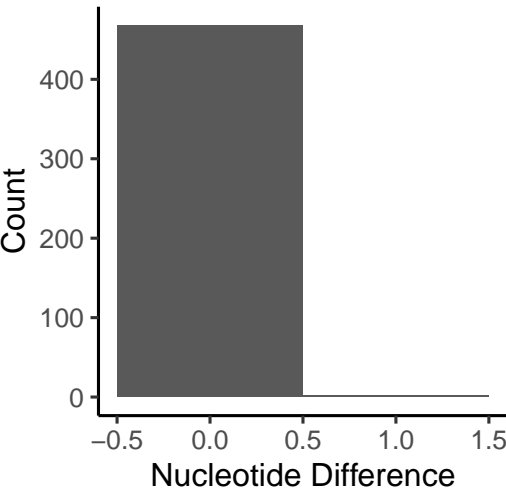
TRBV5-8*ap01

1569 sequences assigned
1546 (98.5%) exact matches, in which:
1535 unique CDR3
13 unique J



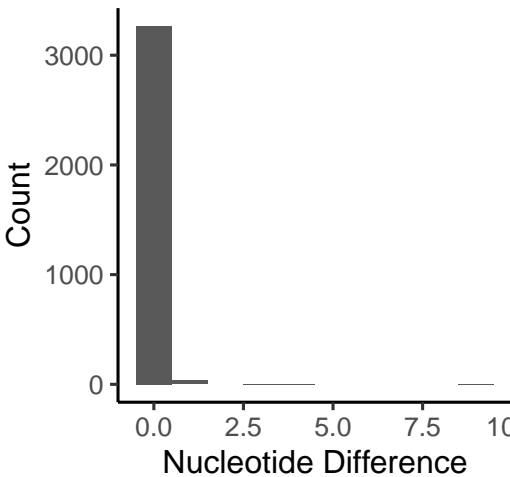
TRBV6-7*ap01

470 sequences assigned
468 (99.6%) exact matches, in which:
462 unique CDR3
13 unique J



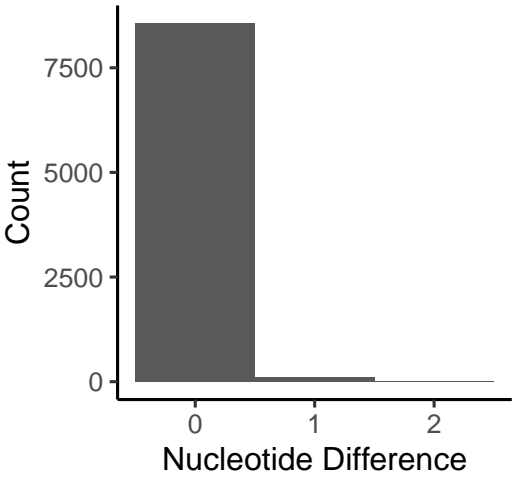
TRBV6-23*ap01

3305 sequences assigned
3266 (98.8%) exact matches, in which:
3207 unique CDR3
13 unique J



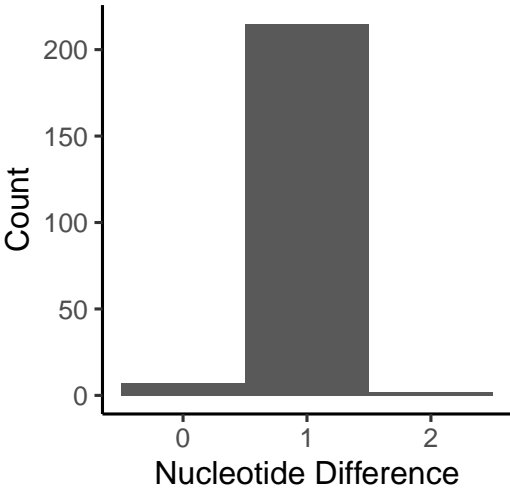
TRBV6-56*ap01

8663 sequences assigned
8560 (98.8%) exact matches, in which:
8406 unique CDR3
13 unique J



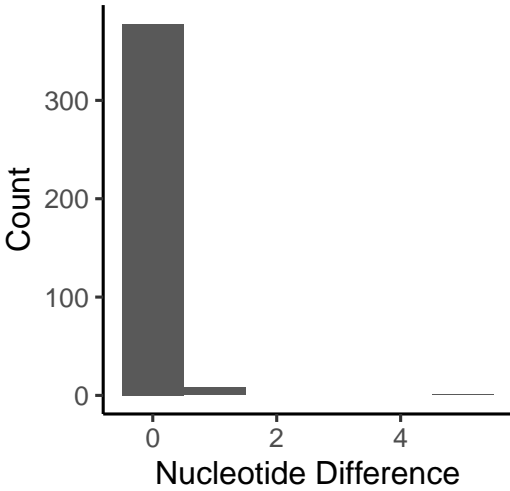
TRBV7-1*ap01_T296C_()

224 sequences assigned
7 (3.1%) exact matches, in which:
7 unique CDR3
4 unique J



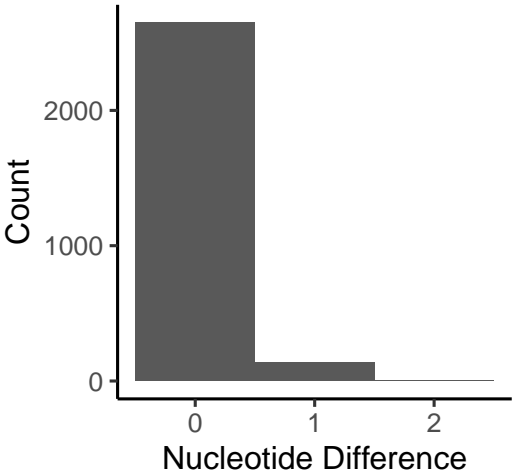
TRBV7-4*ap01

387 sequences assigned
378 (97.7%) exact matches, in which:
373 unique CDR3
13 unique J



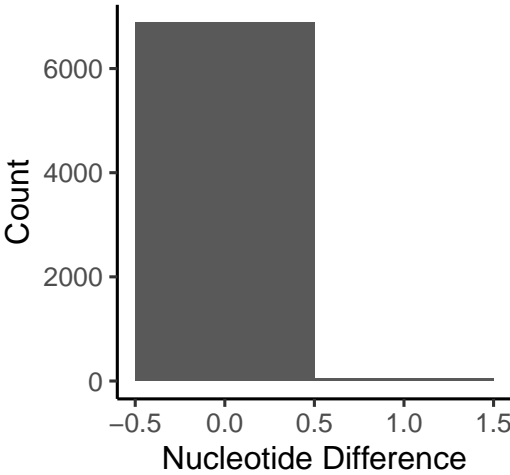
TRBV6-56*ap02

2789 sequences assigned
2648 (94.9%) exact matches, in which:
2603 unique CDR3
13 unique J



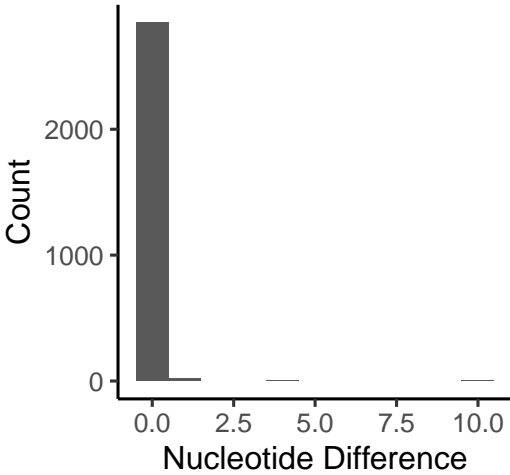
TRBV7-2*ap01

6926 sequences assigned
6880 (99.3%) exact matches, in which:
6817 unique CDR3
13 unique J



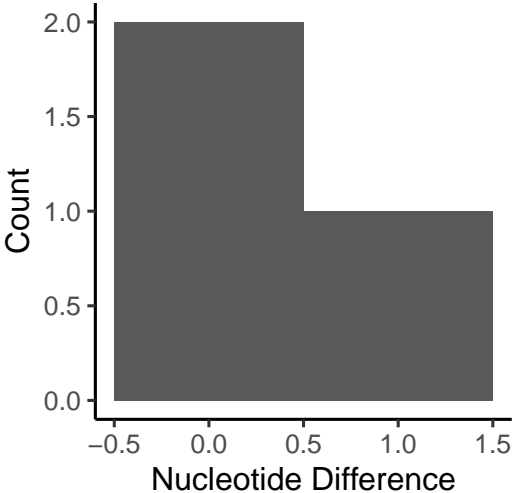
TRBV7-6*ap01

2869 sequences assigned
2846 (99.2%) exact matches, in which:
2812 unique CDR3
13 unique J



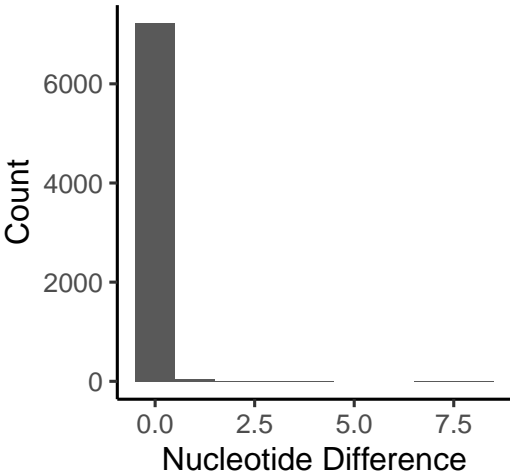
TRBV7-1*ap01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
2 unique J



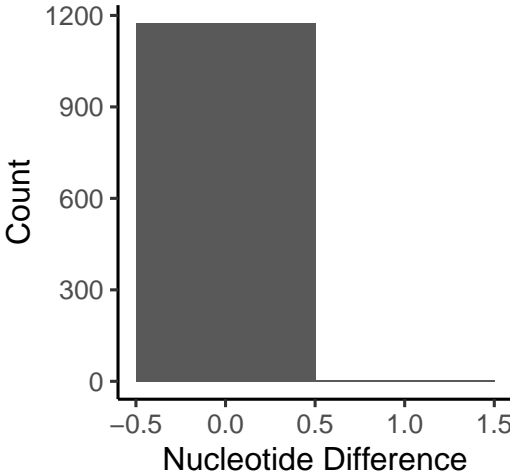
TRBV7-3*ap01

7283 sequences assigned
7226 (99.2%) exact matches, in which:
7160 unique CDR3
13 unique J



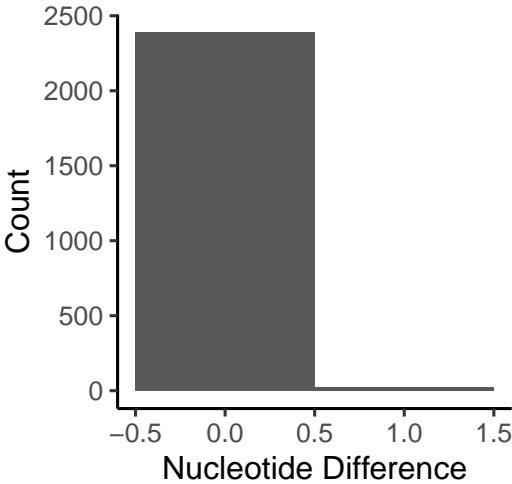
TRBV7-7*ap01

1179 sequences assigned
1175 (99.7%) exact matches, in which:
1161 unique CDR3
13 unique J



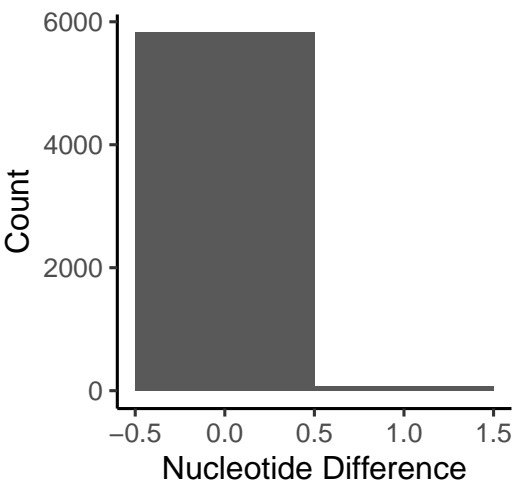
TRBV7-8*ap01

2412 sequences assigned
2389 (99%) exact matches, in which:
2350 unique CDR3
13 unique J



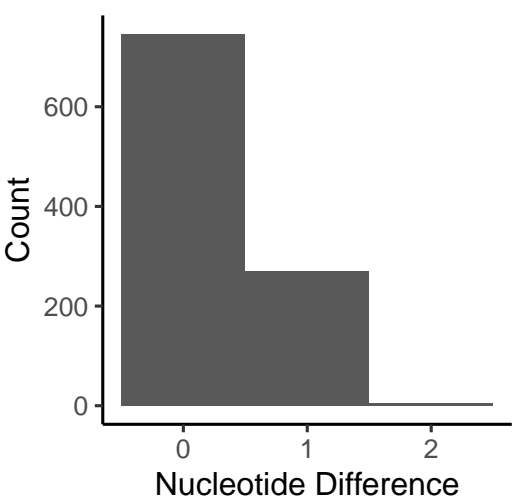
TRBV29-1*ap01

5902 sequences assigned
5827 (98.7%) exact matches, in which:
5733 unique CDR3
13 unique J



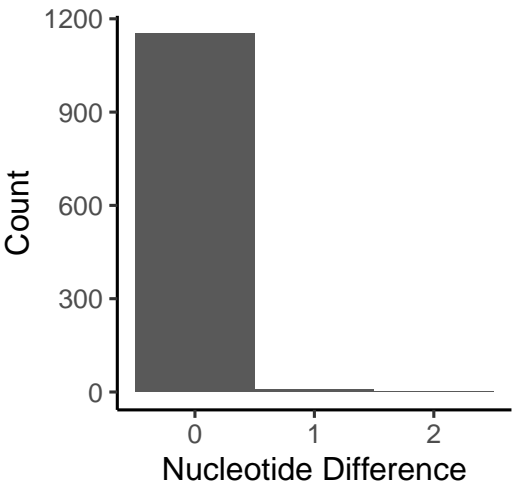
TRBV7-8*ap03

1021 sequences assigned
746 (73.1%) exact matches, in which:
736 unique CDR3
13 unique J



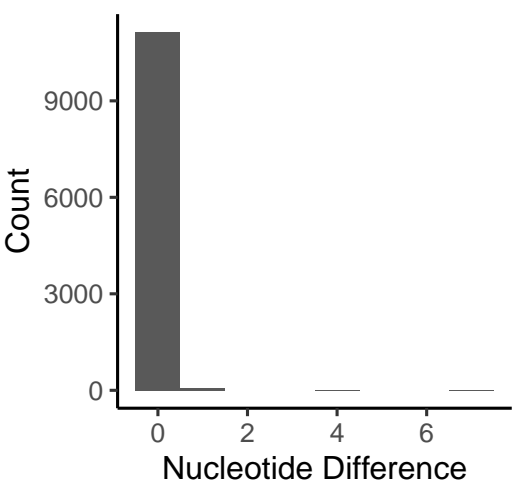
TRBV29-1*ap02

1161 sequences assigned
1152 (99.2%) exact matches, in which:
1130 unique CDR3
13 unique J



TRBV7-9*ap01

11216 sequences assigned
11139 (99.3%) exact matches, in which:
11035 unique CDR3
13 unique J



TRBV7-1*ap01_T296C_C314T

