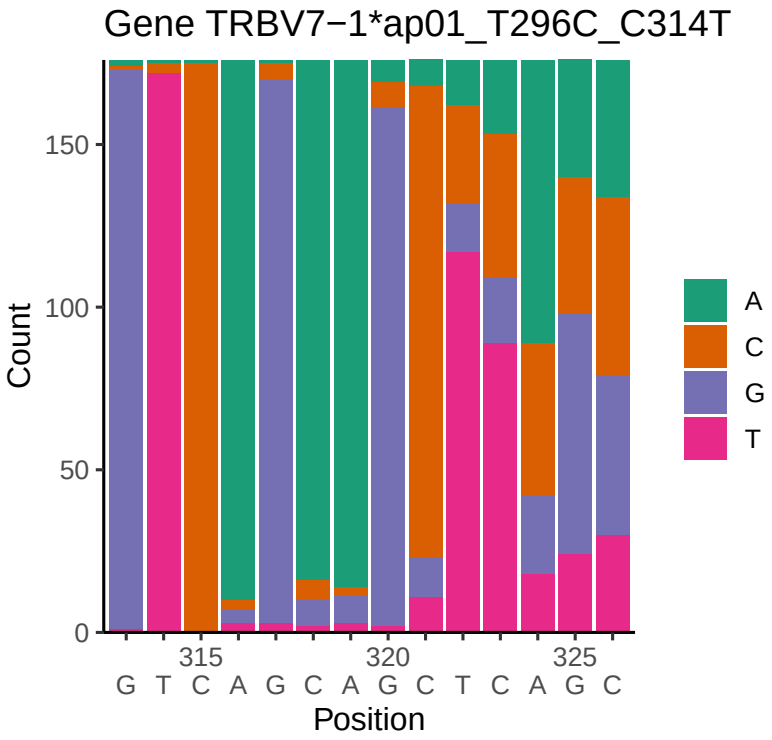
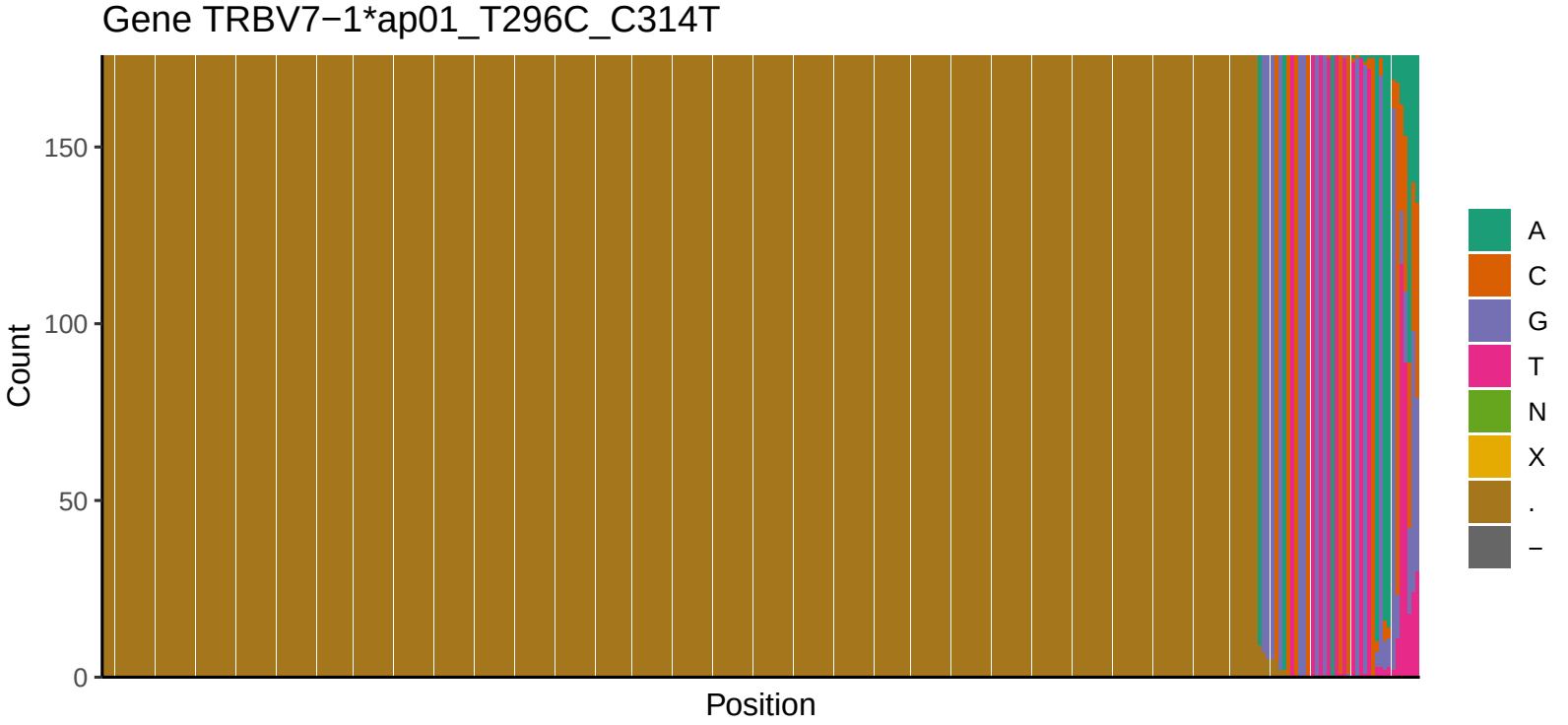
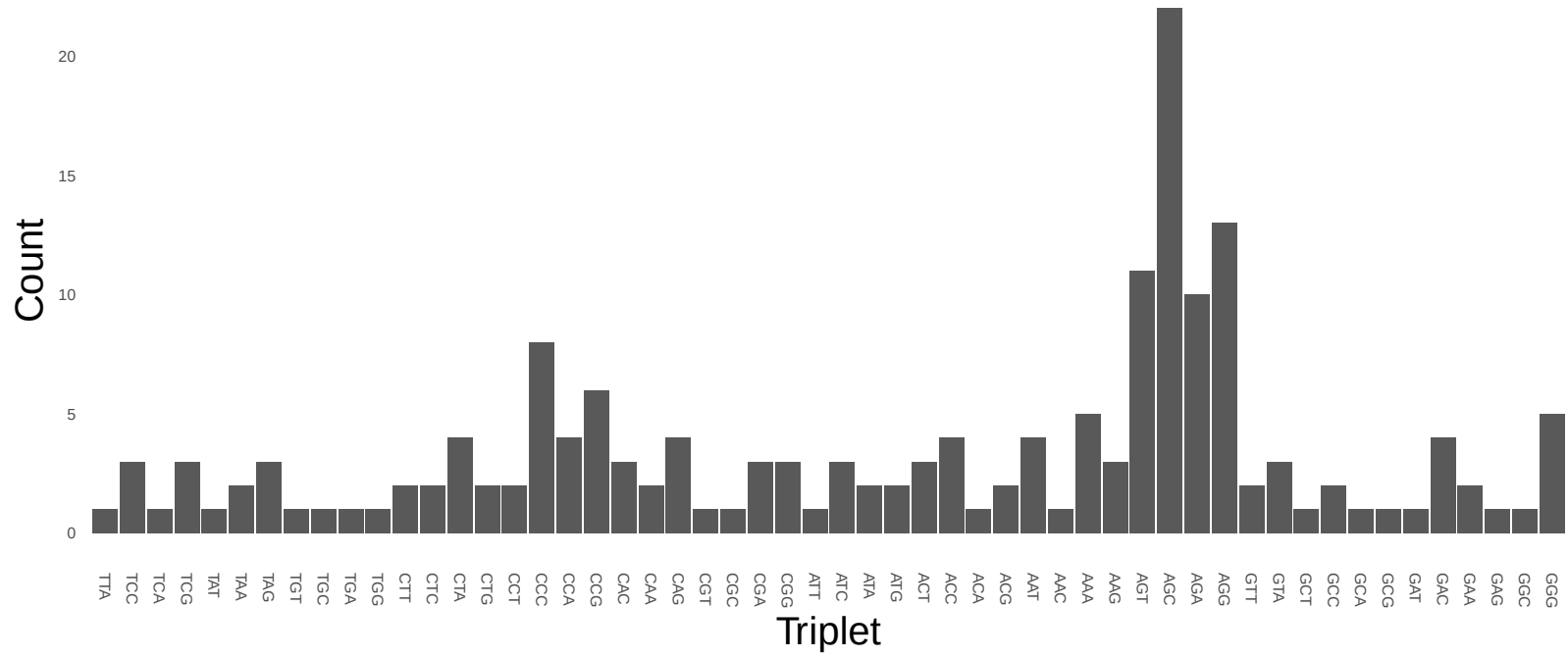

Gene TRBV7−1*ap01_T296C_C314T
Count
150
100
50
0
315
320
325
G T C A G C A G C T C A G C
Position
A
C
G
T

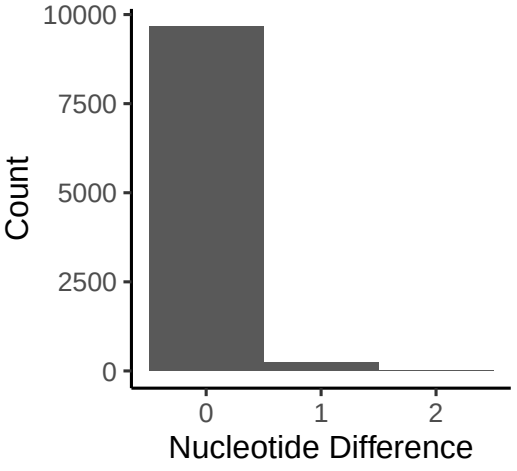

Gene TRBV7−1*ap01_T296C_C314T
Count
150
100
50
0
Position
A
C
G
T
N
X
.
–

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



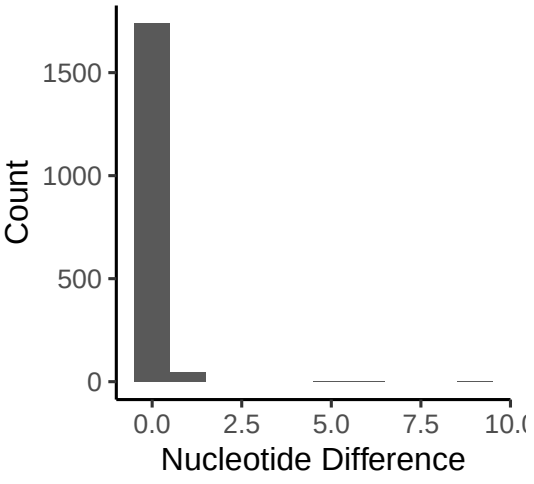
TRBV20−1*ap01

9914 sequences assigned
9675 (97.6%) exact matches, in which:
9605 unique CDR3
13 unique J



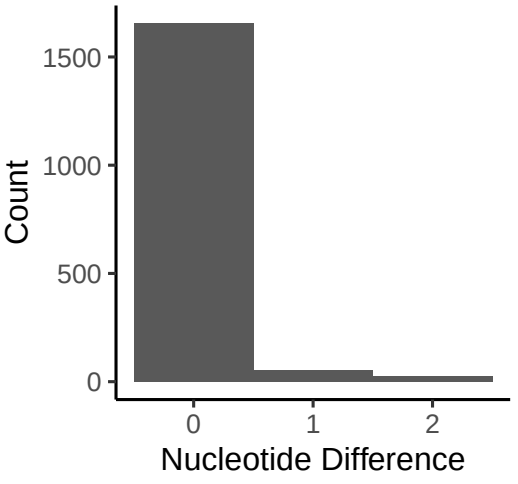
TRBV10−2*ap01

1787 sequences assigned
1739 (97.3%) exact matches, in which:
1733 unique CDR3
13 unique J



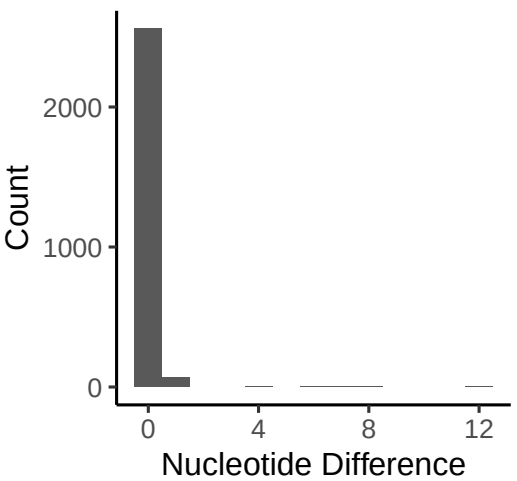
TRBV13*ap01

1732 sequences assigned
1655 (95.6%) exact matches, in which:
1636 unique CDR3
13 unique J



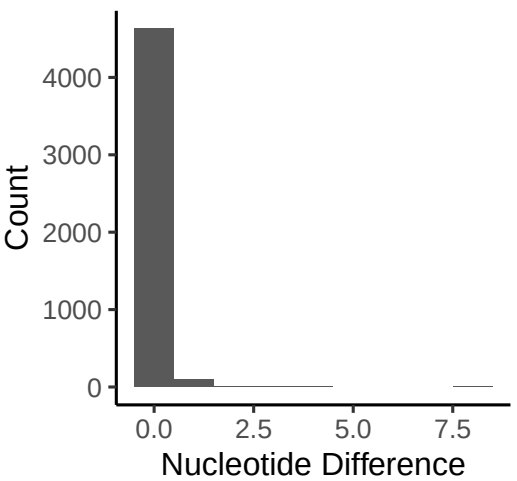
TRBV10−1*ap01

2632 sequences assigned
2559 (97.2%) exact matches, in which:
2547 unique CDR3
13 unique J



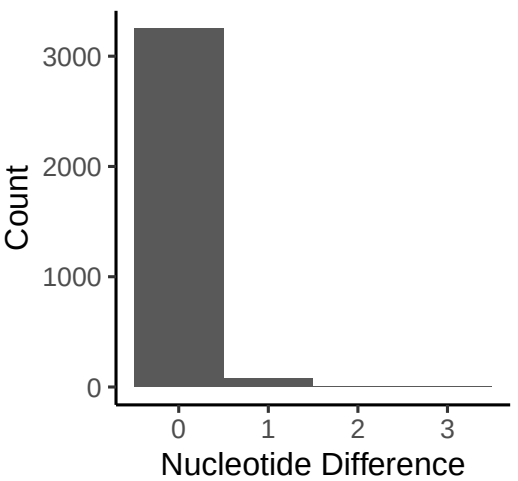
TRBV10−3*ap01

4739 sequences assigned
4629 (97.7%) exact matches, in which:
4591 unique CDR3
13 unique J



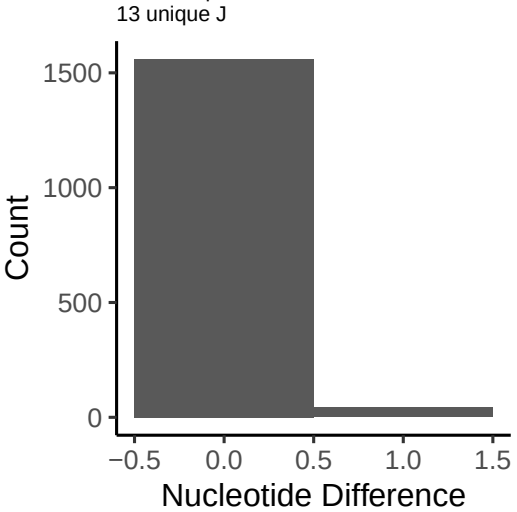
TRBV14*ap01

3333 sequences assigned
3249 (97.5%) exact matches, in which:
3222 unique CDR3
13 unique J



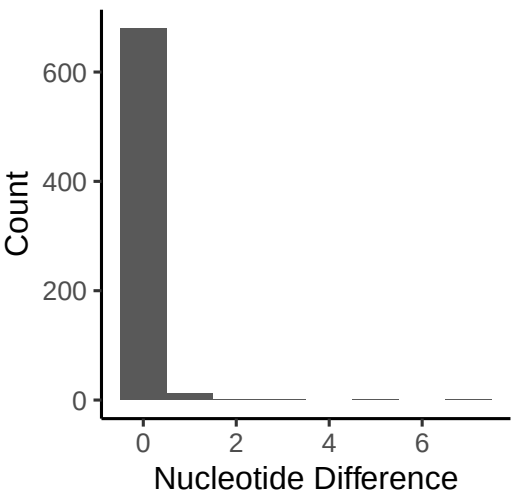
TRBV20−1*ap02

1603 sequences assigned
1560 (97.3%) exact matches, in which:
1548 unique CDR3
13 unique J



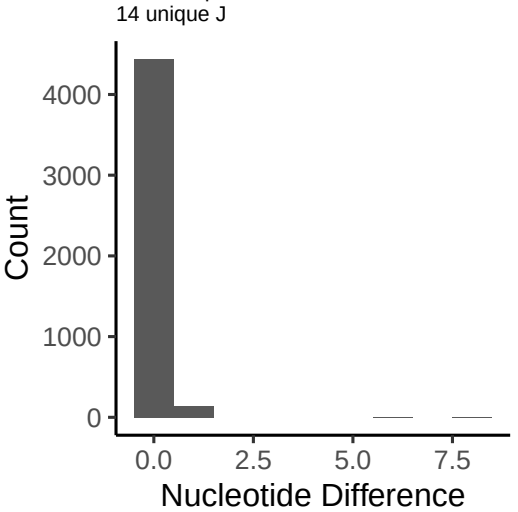
TRBV1*ap01

696 sequences assigned
680 (97.7%) exact matches, in which:
661 unique CDR3
13 unique J



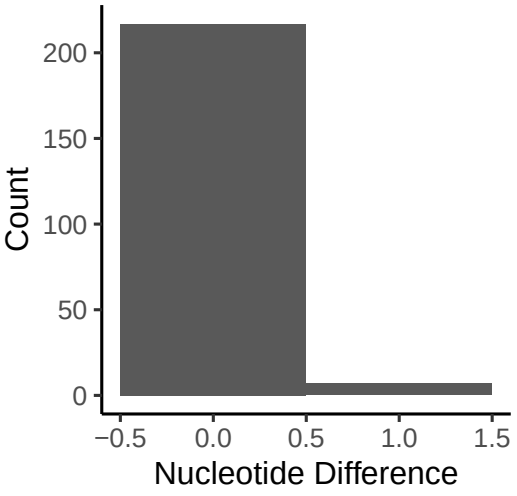
TRBV15*ap02

4584 sequences assigned
4439 (96.8%) exact matches, in which:
4370 unique CDR3
14 unique J



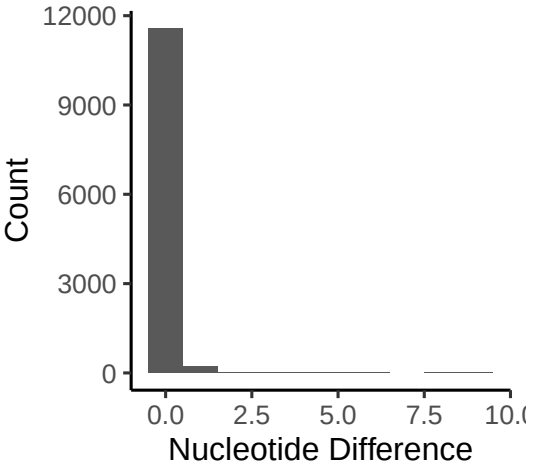
TRBV16*ap01

224 sequences assigned
217 (96.9%) exact matches, in which:
215 unique CDR3
13 unique J



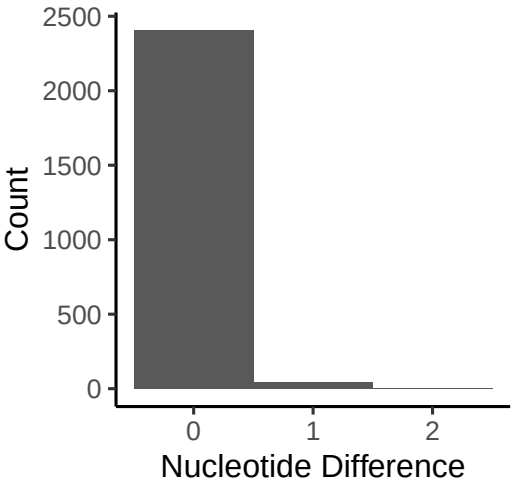
TRBV19*ap01

11817 sequences assigned
11581 (98%) exact matches, in which:
11523 unique CDR3
13 unique J



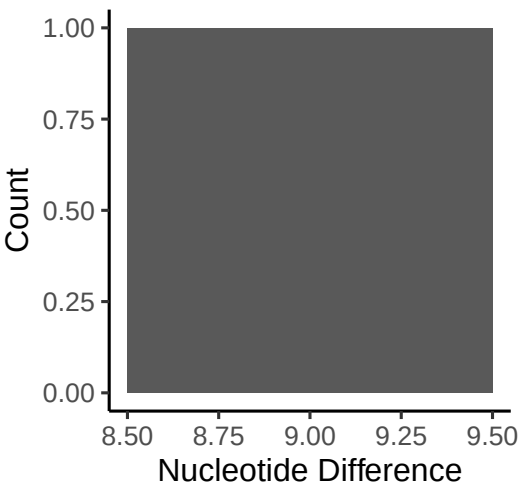
TRBV28*ap01

2452 sequences assigned
2405 (98.1%) exact matches, in which:
2380 unique CDR3
13 unique J



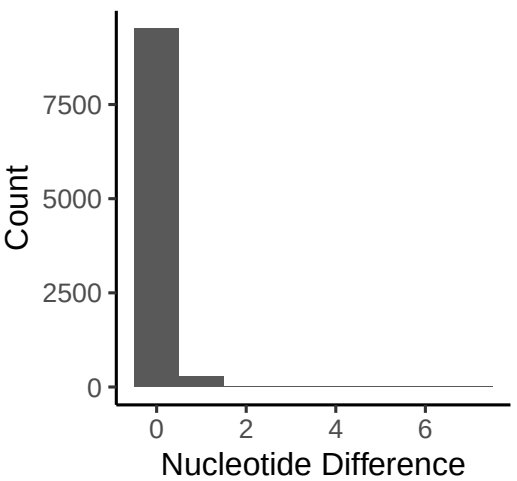
TRBV17*ap01

1 sequences assigned
No exact matches.



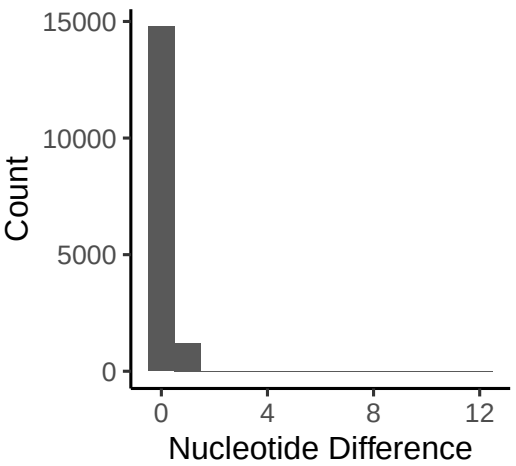
TRBV2*ap01

9812 sequences assigned
9512 (96.9%) exact matches, in which:
9427 unique CDR3
13 unique J



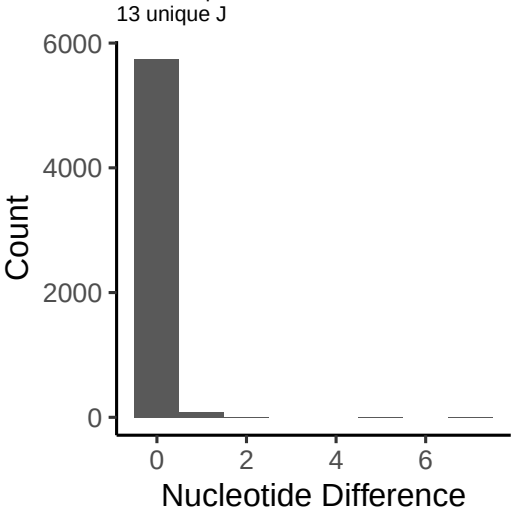
TRBV30*ap01

16026 sequences assigned
14785 (92.3%) exact matches, in which:
14394 unique CDR3
13 unique J



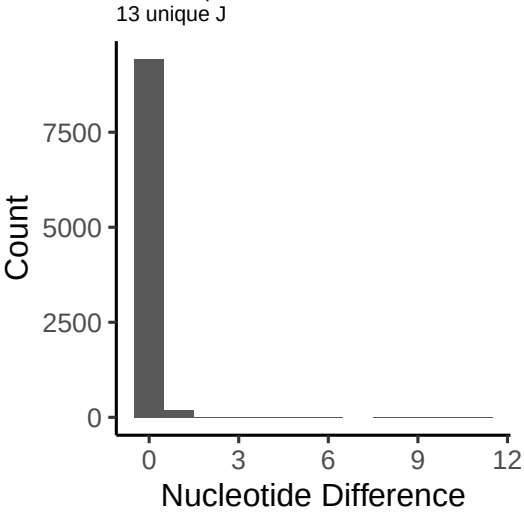
TRBV18*ap01

5831 sequences assigned
5744 (98.5%) exact matches, in which:
5713 unique CDR3
13 unique J



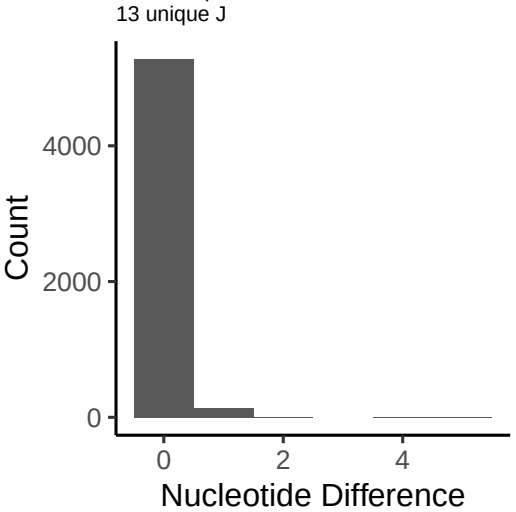
TRBV27*ap01

9653 sequences assigned
9425 (97.6%) exact matches, in which:
9354 unique CDR3
13 unique J



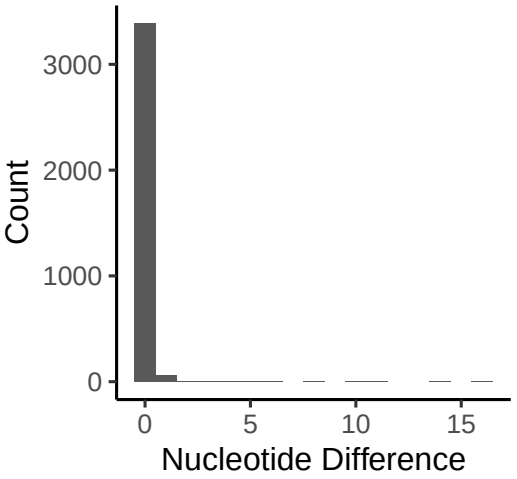
TRBV9*ap01

5417 sequences assigned
5278 (97.4%) exact matches, in which:
5234 unique CDR3
13 unique J



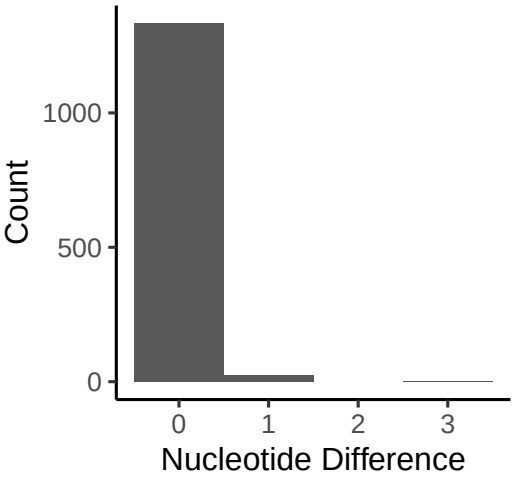
TRBV21−1*ap01

3470 sequences assigned
3387 (97.6%) exact matches, in which:
3369 unique CDR3
13 unique J



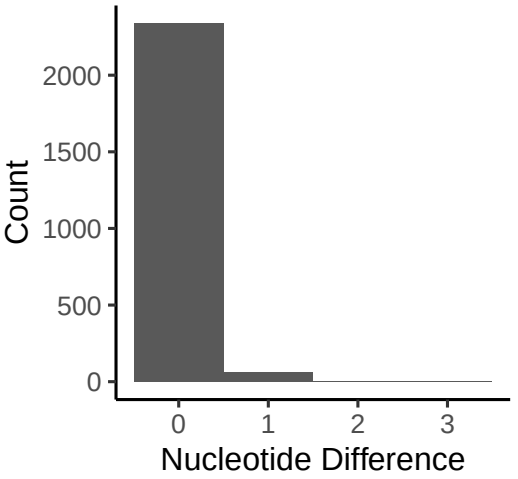
TRBV11−3*ap01

1357 sequences assigned
1333 (98.2%) exact matches, in which:
1323 unique CDR3
13 unique J



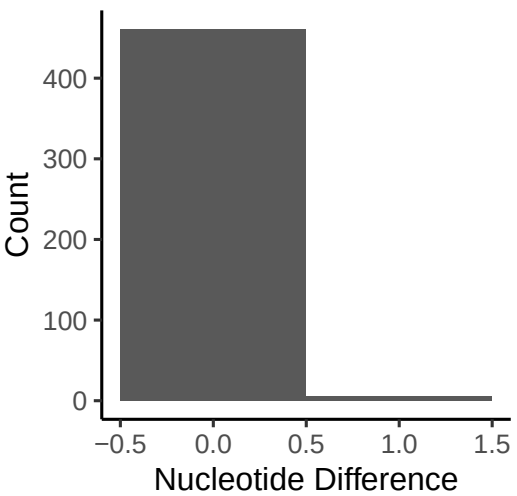
TRBV12−5*ap01

2402 sequences assigned
2338 (97.3%) exact matches, in which:
2320 unique CDR3
13 unique J



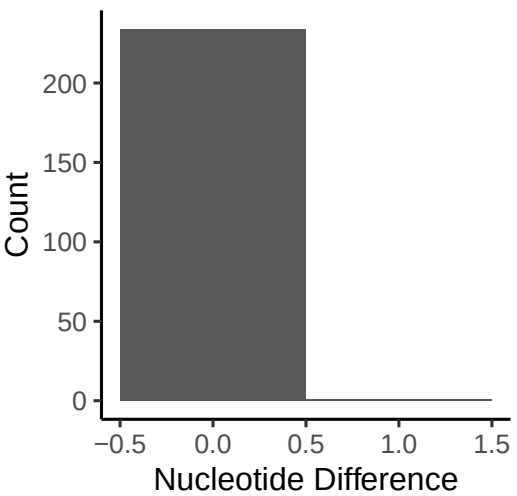
TRBV11−1*ap01

466 sequences assigned
461 (98.9%) exact matches, in which:
459 unique CDR3
12 unique J



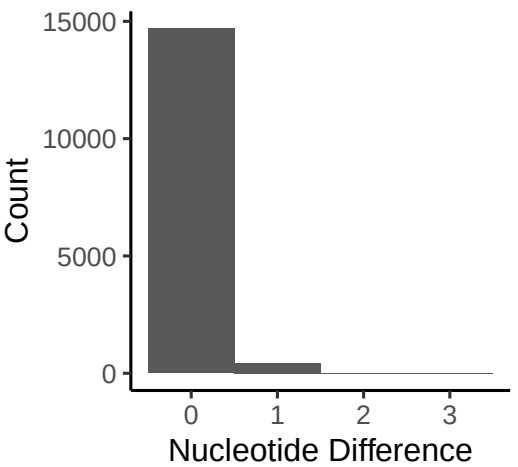
TRBV12−1*ap01

235 sequences assigned
234 (99.6%) exact matches, in which:
231 unique CDR3
12 unique J



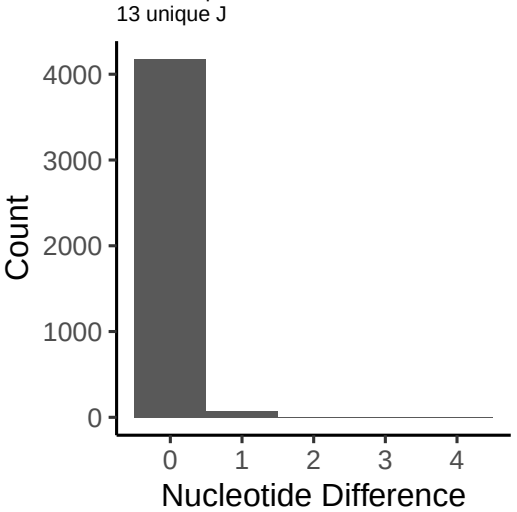
TRBV12−34*ap01

15131 sequences assigned
14696 (97.1%) exact matches, in which:
14554 unique CDR3
13 unique J



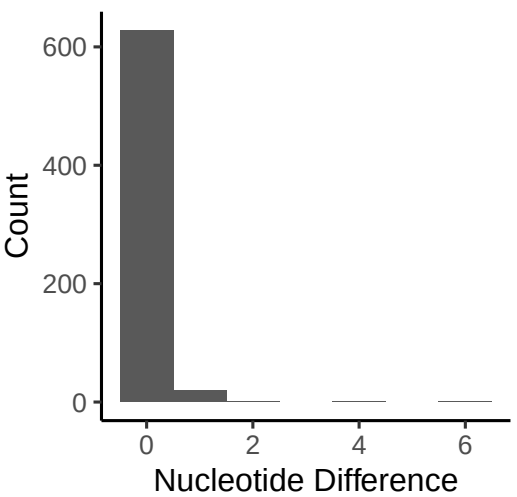
TRBV11−2*ap01

4253 sequences assigned
4177 (98.2%) exact matches, in which:
4163 unique CDR3
13 unique J



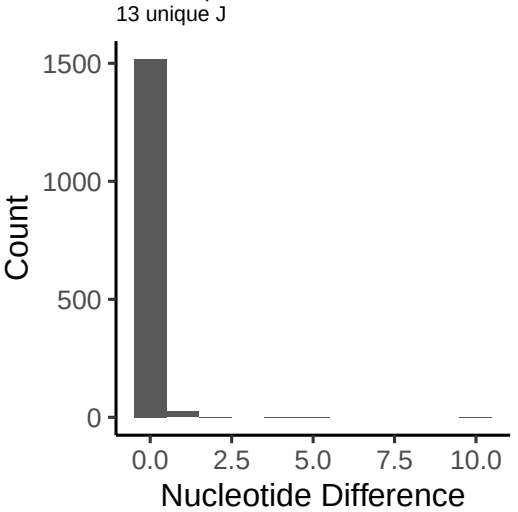
TRBV12−2*ap01

650 sequences assigned
628 (96.6%) exact matches, in which:
620 unique CDR3
12 unique J



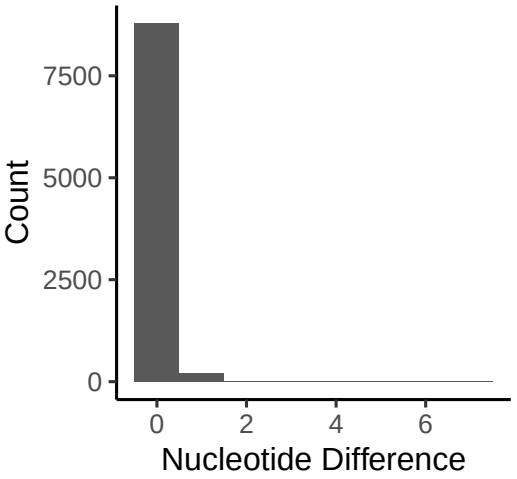
TRBV23−1*ap01

1548 sequences assigned
1518 (98.1%) exact matches, in which:
1510 unique CDR3
13 unique J



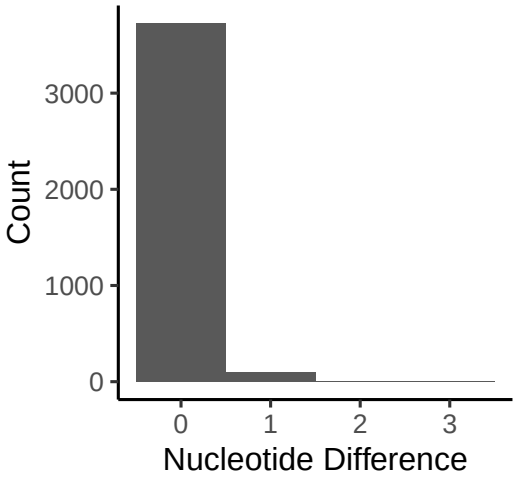
TRBV3−12*ap01

8993 sequences assigned
8785 (97.7%) exact matches, in which:
8738 unique CDR3
13 unique J



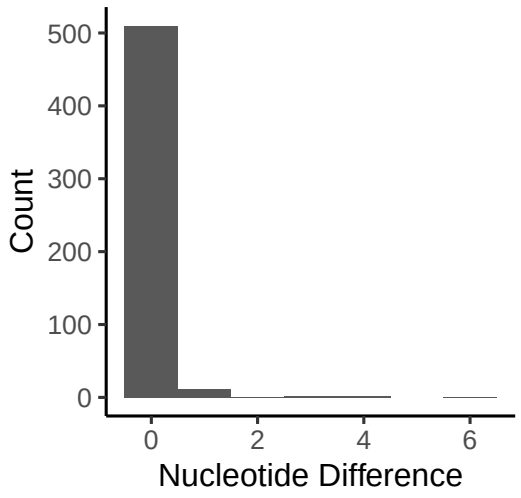
TRBV4−2*ap01

3827 sequences assigned
3725 (97.3%) exact matches, in which:
3640 unique CDR3
13 unique J



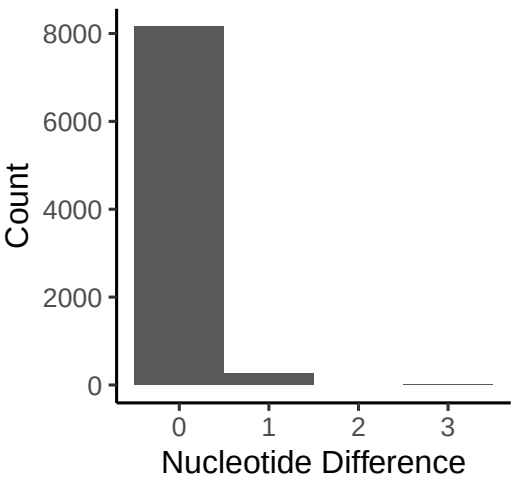
TRBV5−3*ap01

527 sequences assigned
510 (96.8%) exact matches, in which:
508 unique CDR3
12 unique J



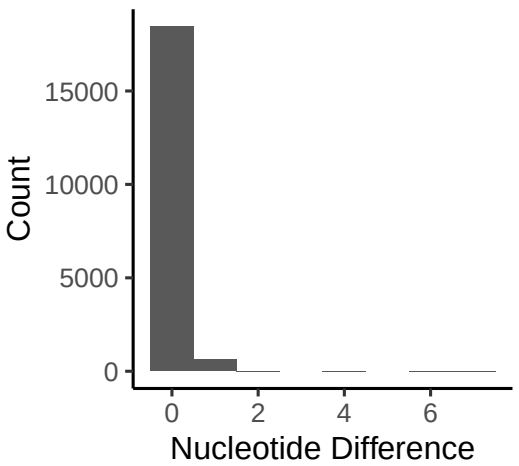
TRBV4−1*ap01

8410 sequences assigned
8154 (97%) exact matches, in which:
8036 unique CDR3
13 unique J



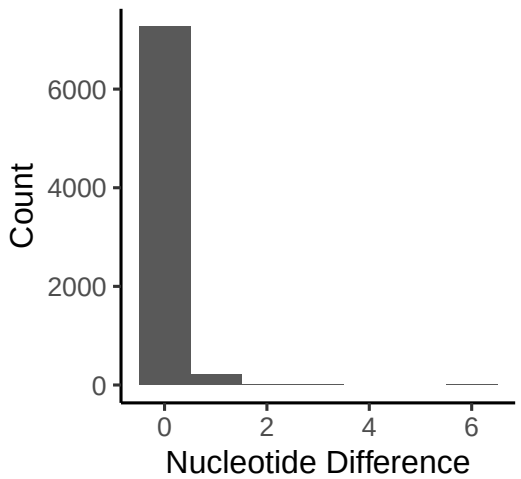
TRBV5−1*ap01

19093 sequences assigned
18453 (96.6%) exact matches, in which:
18262 unique CDR3
13 unique J



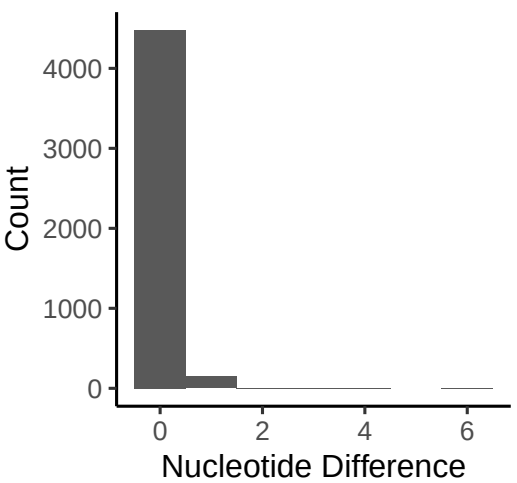
TRBV5−4*ap01

7477 sequences assigned
7265 (97.2%) exact matches, in which:
7173 unique CDR3
13 unique J



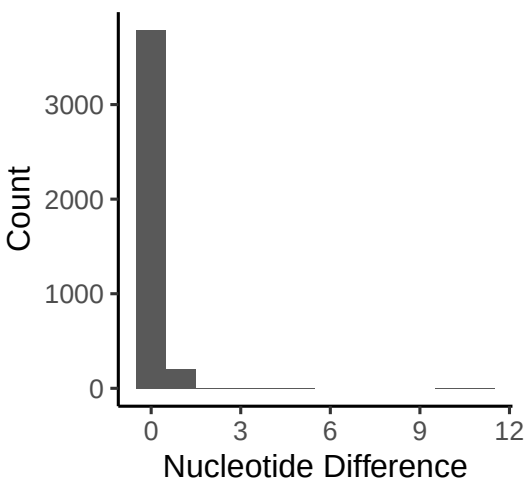
TRBV24−1*ap01

4642 sequences assigned
4479 (96.5%) exact matches, in which:
4424 unique CDR3
13 unique J



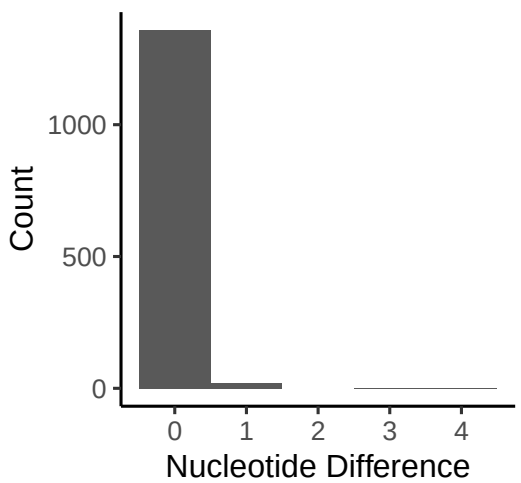
TRBV25−1*ap01

4007 sequences assigned
3788 (94.5%) exact matches, in which:
3728 unique CDR3
13 unique J



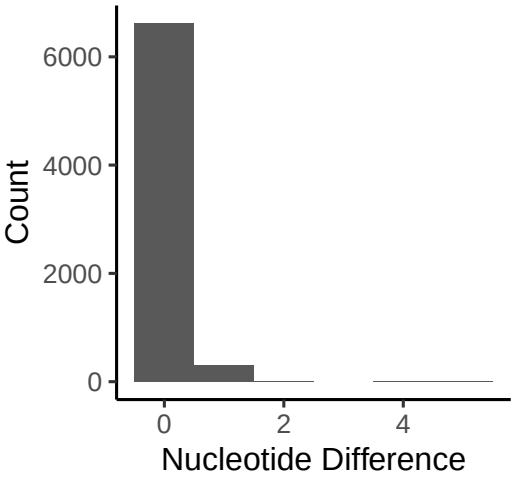
TRBV5−5*ap01

1381 sequences assigned
1359 (98.4%) exact matches, in which:
1351 unique CDR3
13 unique J



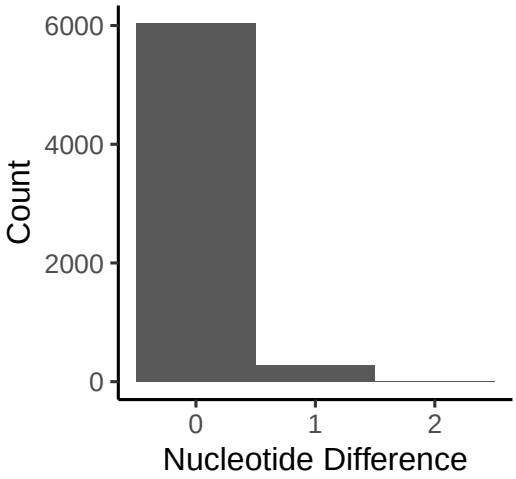
TRBV5−6*ap01

6931 sequences assigned
6617 (95.5%) exact matches, in which:
6487 unique CDR3
13 unique J



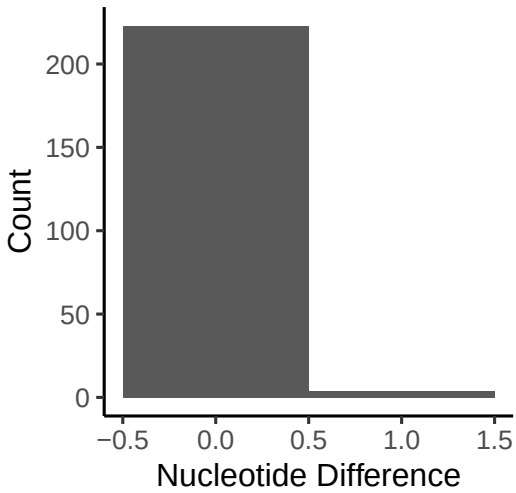
TRBV6−1*ap01

6313 sequences assigned
6036 (95.6%) exact matches, in which:
5964 unique CDR3
13 unique J



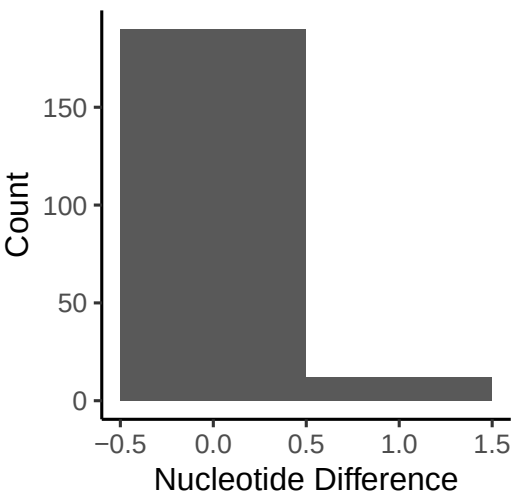
TRBV6−8*ap01

227 sequences assigned
223 (98.2%) exact matches, in which:
220 unique CDR3
13 unique J



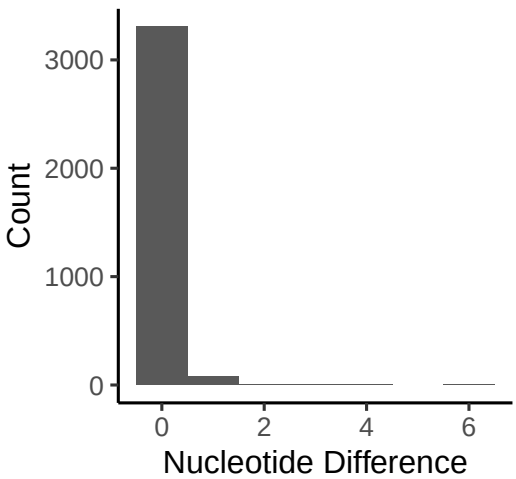
TRBV5−7*ap01

202 sequences assigned
190 (94.1%) exact matches, in which:
186 unique CDR3
13 unique J



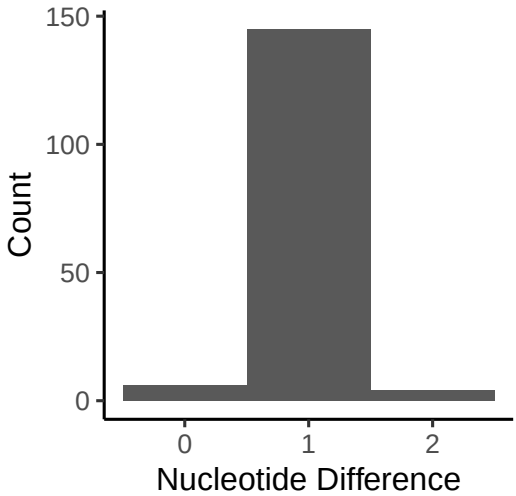
TRBV6−4*ap01

3402 sequences assigned
3306 (97.2%) exact matches, in which:
3285 unique CDR3
13 unique J



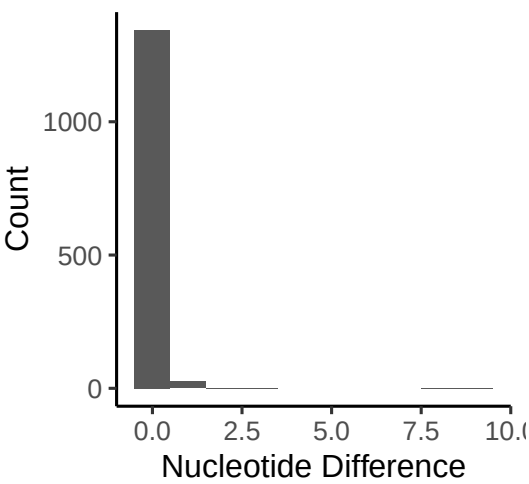
TRBV6−9*ap01

155 sequences assigned
6 (3.9%) exact matches, in which:
6 unique CDR3
5 unique J



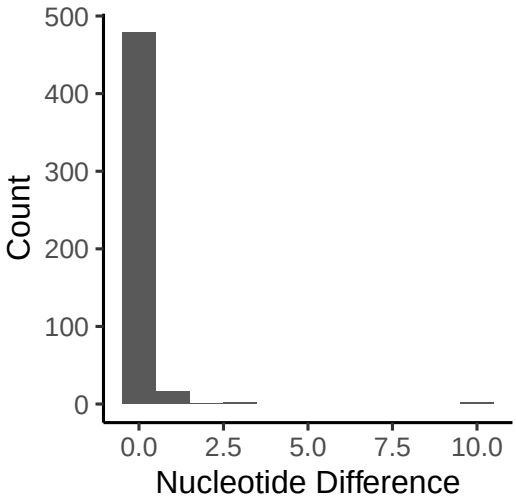
TRBV5−8*ap01

1373 sequences assigned
1344 (97.9%) exact matches, in which:
1335 unique CDR3
13 unique J



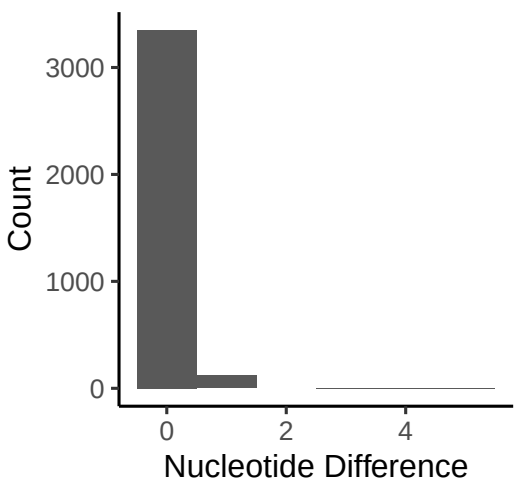
TRBV6−7*ap01

500 sequences assigned
479 (95.8%) exact matches, in which:
477 unique CDR3
13 unique J



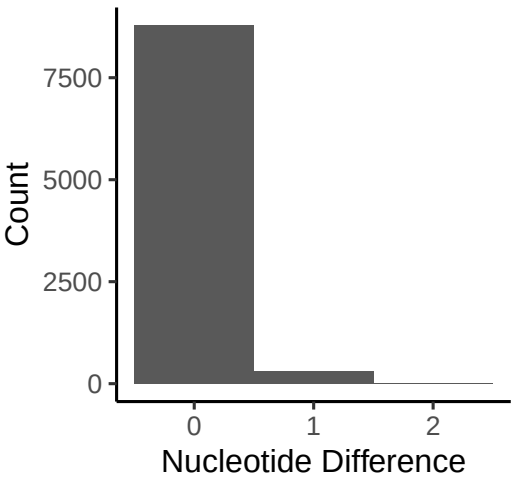
TRBV6−23*ap01

3473 sequences assigned
3350 (96.5%) exact matches, in which:
3305 unique CDR3
13 unique J



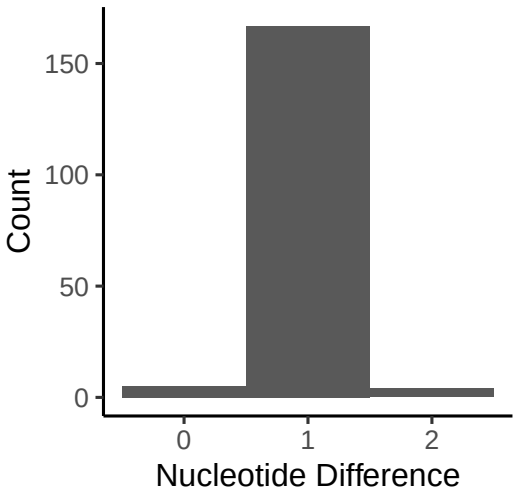
TRBV6−56*ap01

9088 sequences assigned
8782 (96.6%) exact matches, in which:
8642 unique CDR3
13 unique J



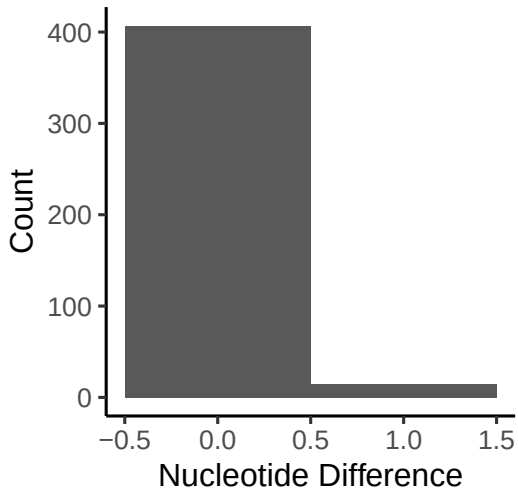
TRBV7−1*ap01_T296C_(

176 sequences assigned
5 (2.8%) exact matches, in which:
5 unique CDR3
5 unique J



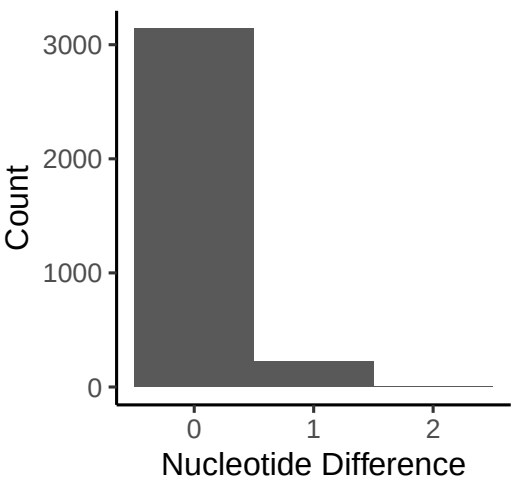
TRBV7−4*ap01

422 sequences assigned
407 (96.4%) exact matches, in which:
397 unique CDR3
12 unique J



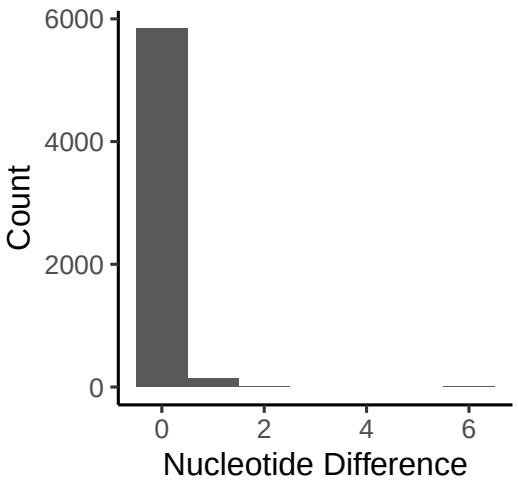
TRBV6−56*ap02

3366 sequences assigned
3140 (93.3%) exact matches, in which:
3105 unique CDR3
13 unique J



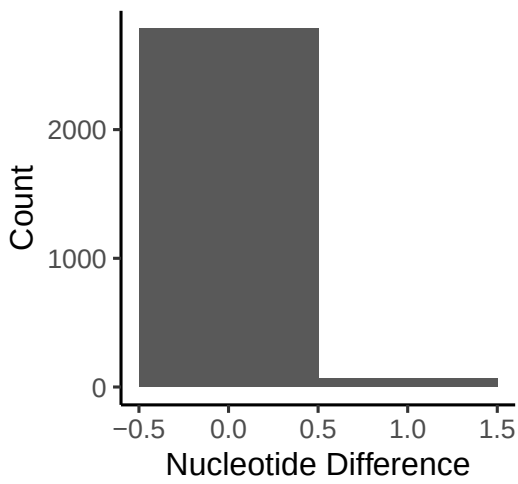
TRBV7−2*ap01

5982 sequences assigned
5839 (97.6%) exact matches, in which:
5791 unique CDR3
13 unique J



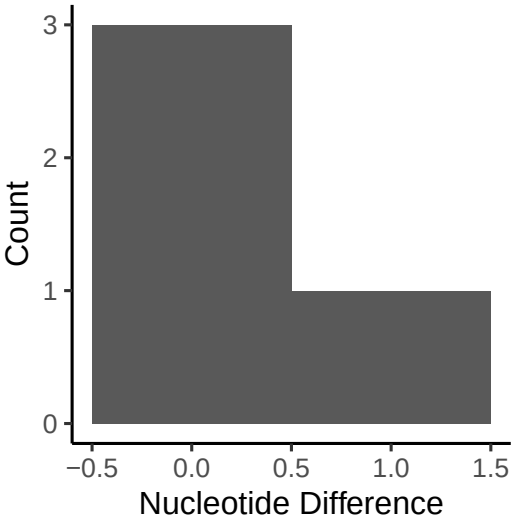
TRBV7−6*ap01

2849 sequences assigned
2784 (97.7%) exact matches, in which:
2752 unique CDR3
13 unique J



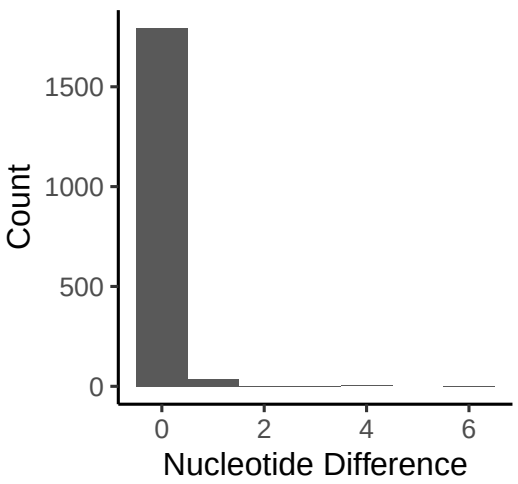
TRBV7−1*ap01

4 sequences assigned
3 (75%) exact matches, in which:
3 unique CDR3
2 unique J



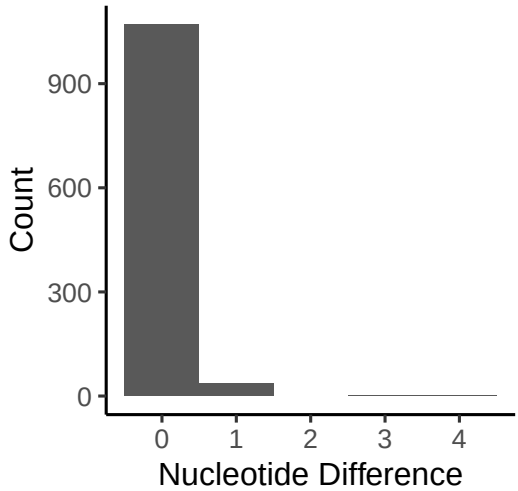
TRBV7−3*ap03

1840 sequences assigned
1794 (97.5%) exact matches, in which:
1779 unique CDR3
13 unique J



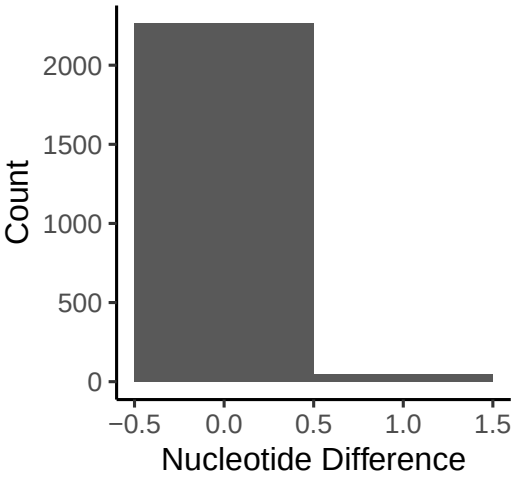
TRBV7−7*ap01

1108 sequences assigned
1071 (96.7%) exact matches, in which:
1058 unique CDR3
13 unique J



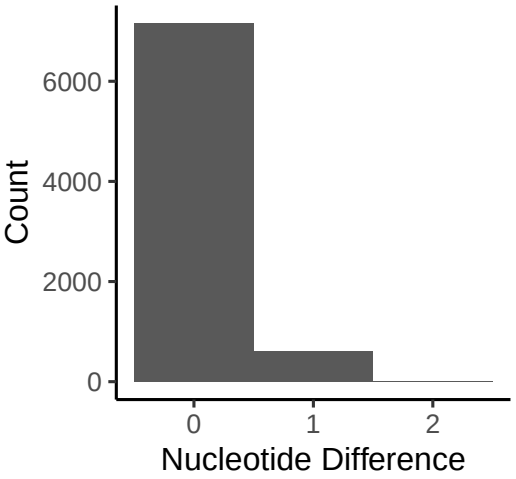
TRBV7−8*ap01

2309 sequences assigned
2264 (98.1%) exact matches, in which:
2245 unique CDR3
13 unique J



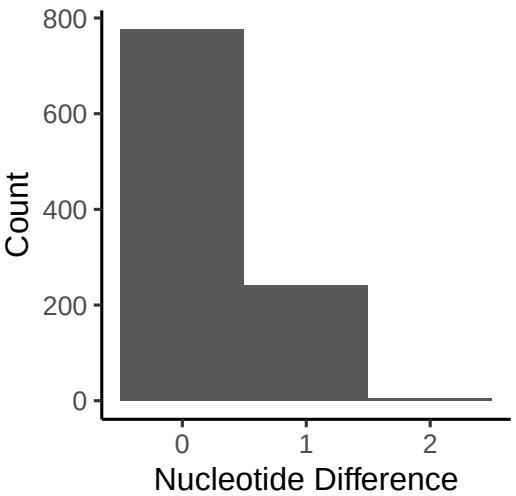
TRBV29−1*ap01

7774 sequences assigned
7156 (92.1%) exact matches, in which:
7055 unique CDR3
13 unique J



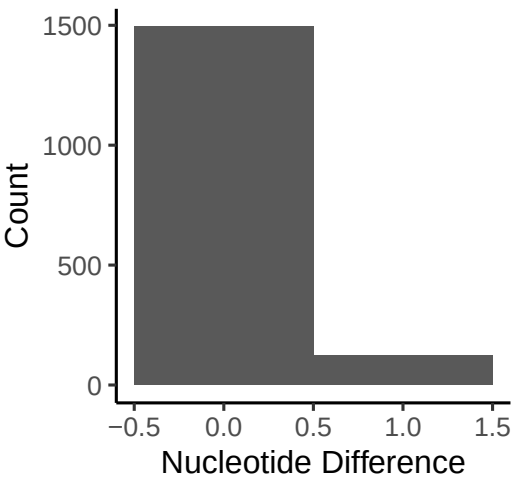
TRBV7−8*ap03

1023 sequences assigned
777 (76%) exact matches, in which:
771 unique CDR3
13 unique J



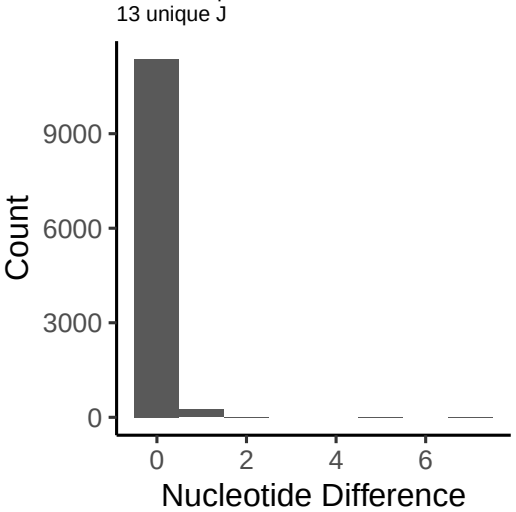
TRBV29−1*ap02

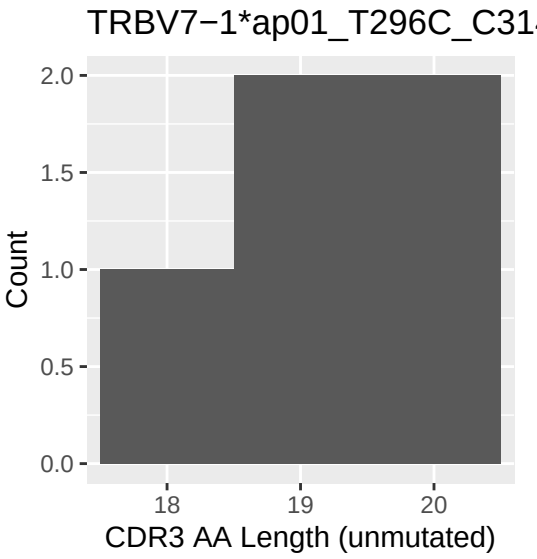
1615 sequences assigned
1494 (92.5%) exact matches, in which:
1467 unique CDR3
13 unique J



TRBV7−9*ap01

11621 sequences assigned
11368 (97.8%) exact matches, in which:
11287 unique CDR3
13 unique J




TRBV7−1*ap01_T296C_C314T
2.0
1.5
1.0
0.5
0.0
Count
18
19
20
CDR3 AA Length (unmutated)

Allele Usage
Allele %
100
75
50
25
0
TRBJ1−1
TRBJ1−2
TRBJ1−3
TRBJ1−4
TRBJ1−5
TRBJ1−6
TRBJ2−1
TRBJ2−2
TRBJ2−3
TRBJ2−4
TRBJ2−5
TRBJ2−6
TRBJ2−7
TRBJ2−2P
Gene
01
02

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.