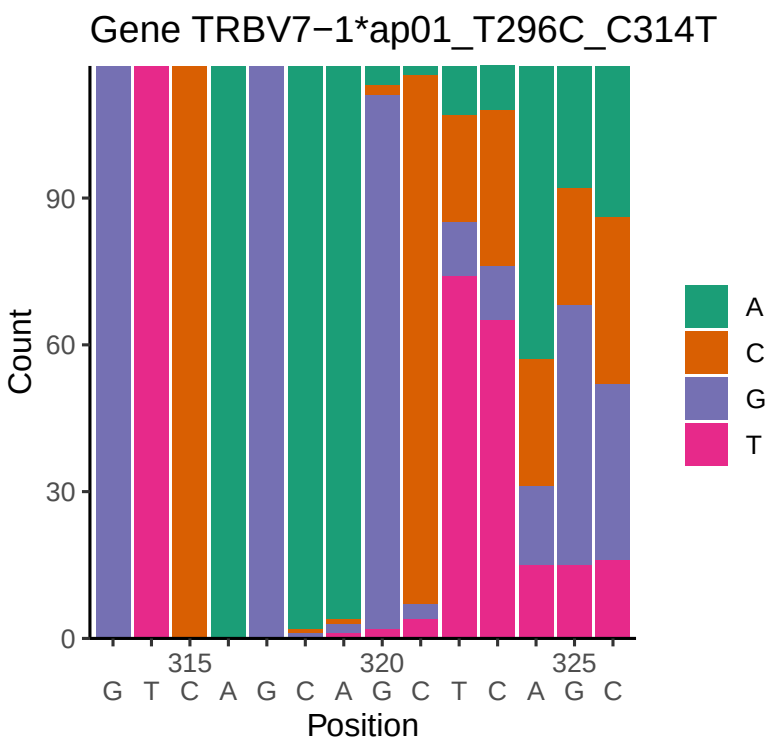
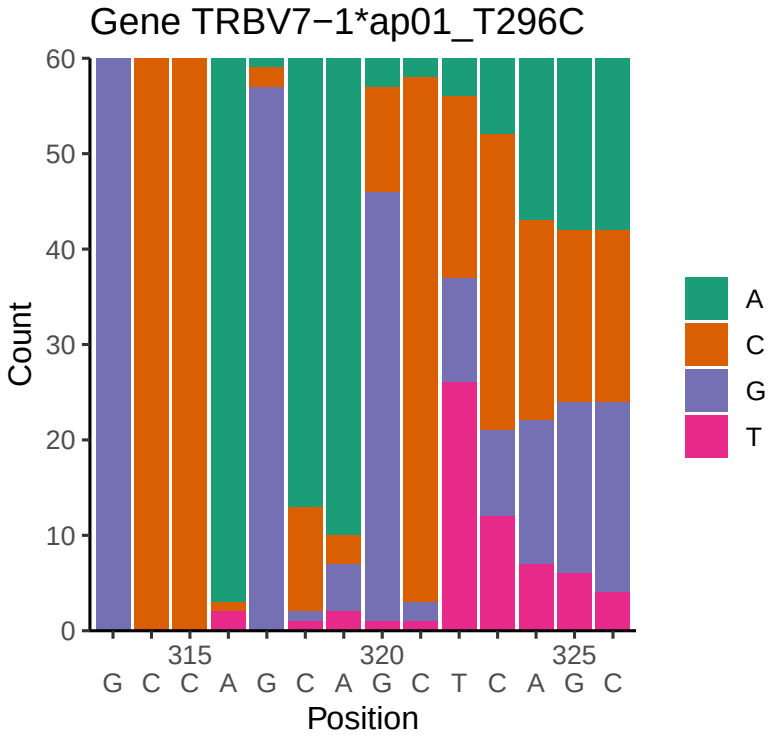
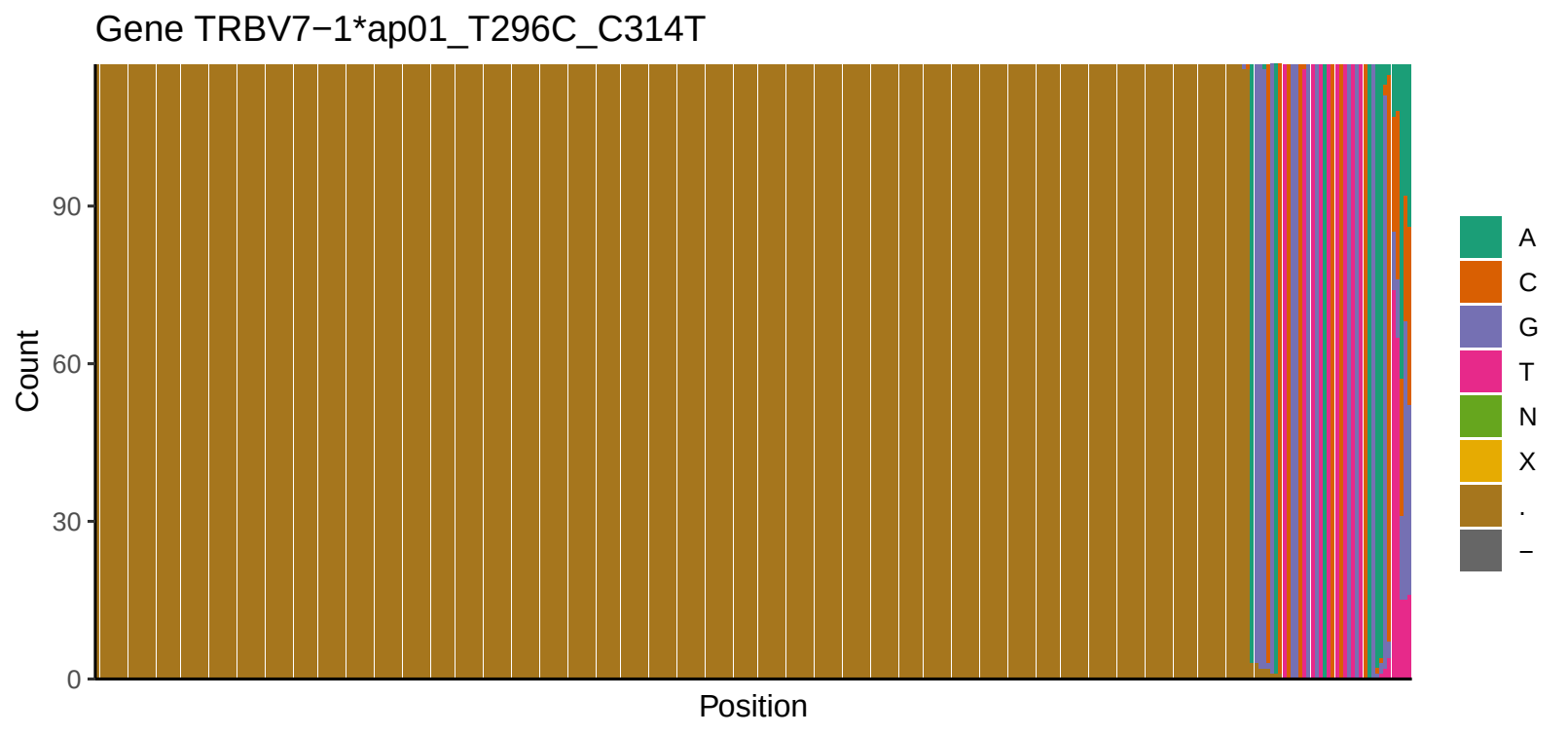
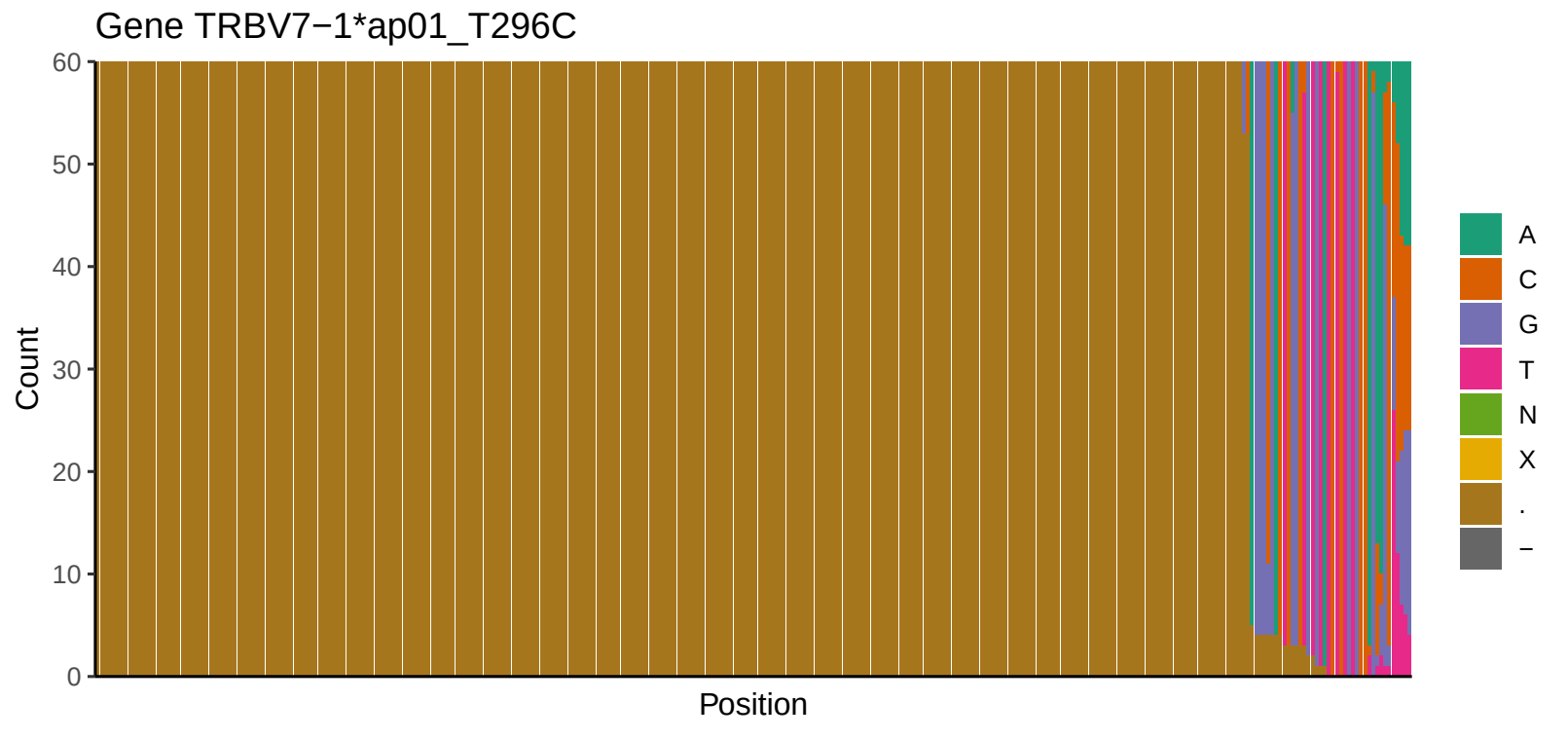
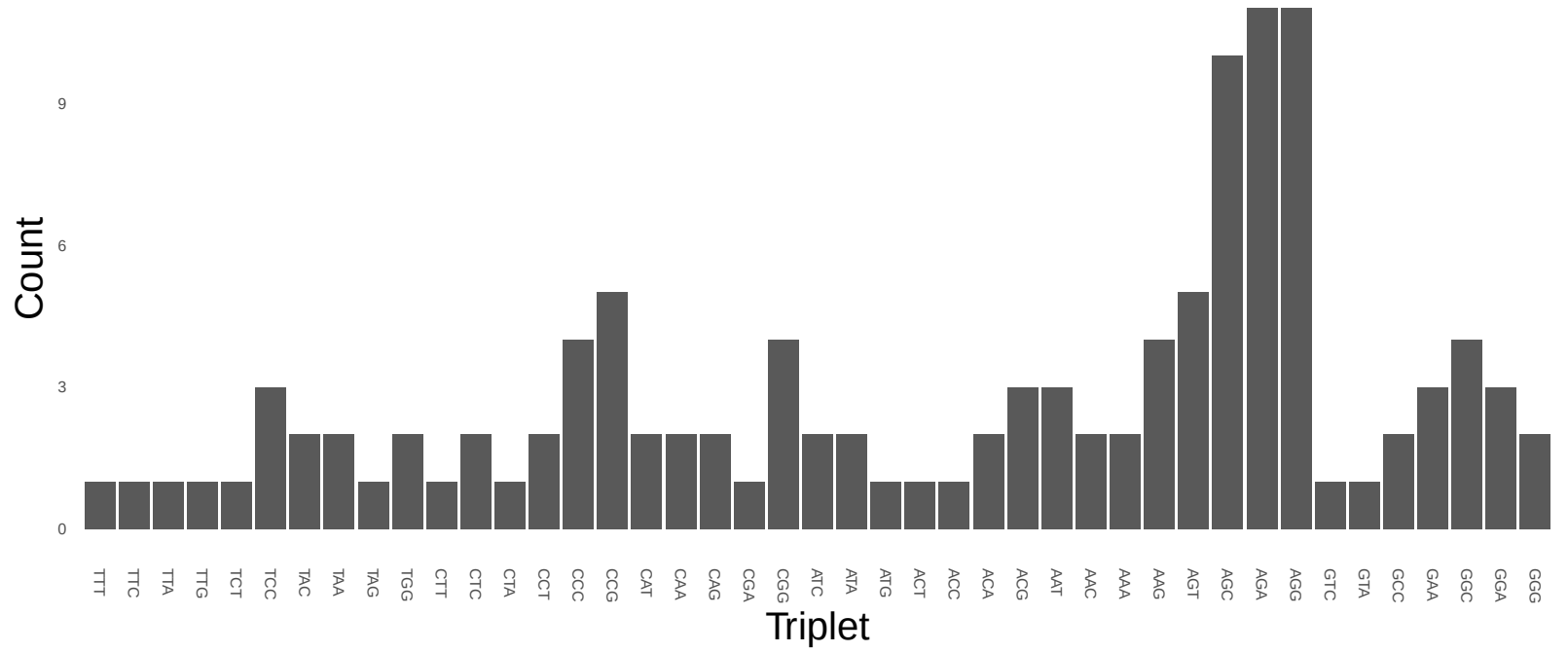

Gene TRBV7−1*ap01_T296C_C314T
Count
90
60
30
0
315
320
325
G T C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−1*ap01_T296C
Count
60
50
40
30
20
10
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T

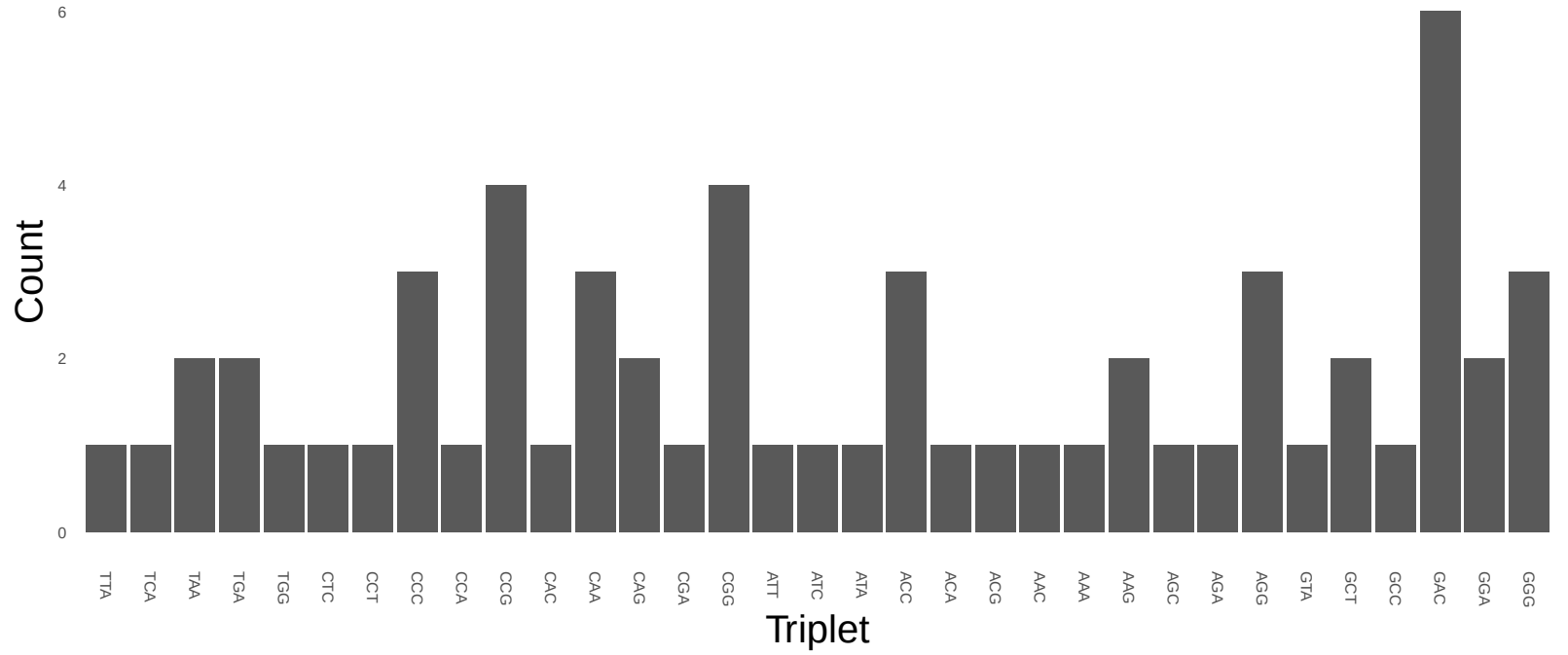

Gene TRBV7−1*ap01_T296C_C314T
Count
0
30
60
90
Position
A
C
G
T
N
X
.
–


Gene TRBV7−1*ap01_T296C
Count
0
10
20
30
40
50
60
Position
A
C
G
T
N
X
.
–

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

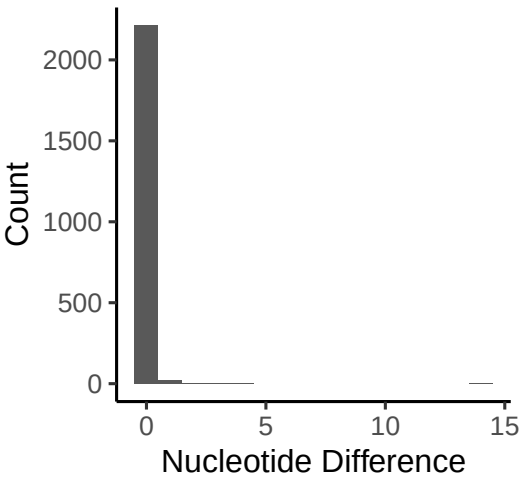


TRBV7−1*ap01_T296C− Final 3 nucleotides as a triplet



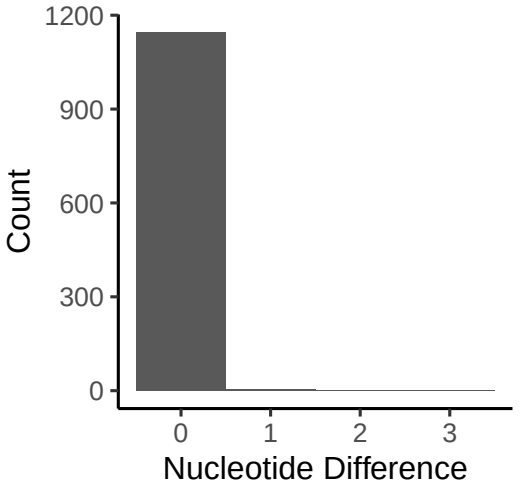
TRBV10−1*ap01

2239 sequences assigned
2213 (98.8%) exact matches, in which:
2165 unique CDR3
13 unique J



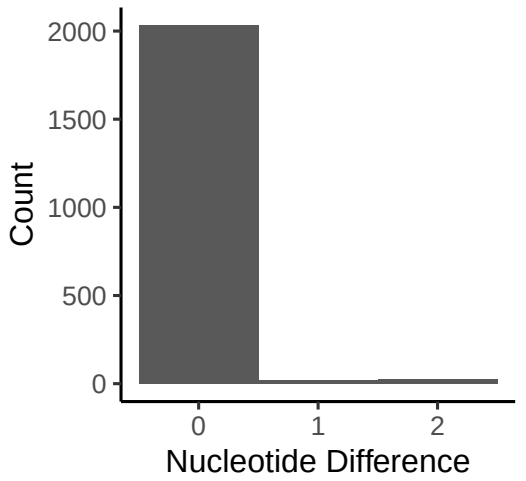
TRBV10−2*ap01

1152 sequences assigned
1145 (99.4%) exact matches, in which:
1128 unique CDR3
13 unique J



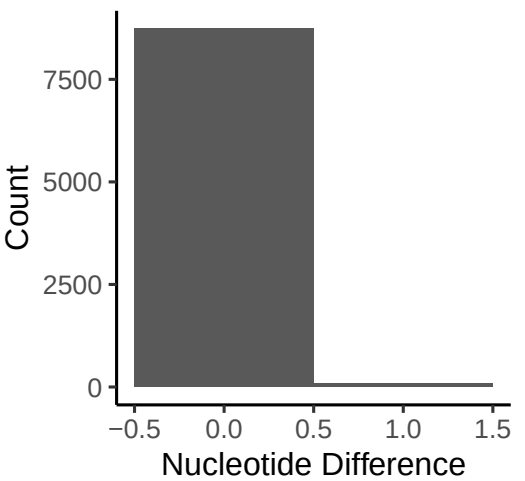
TRBV13*ap01

2076 sequences assigned
2032 (97.9%) exact matches, in which:
1966 unique CDR3
13 unique J



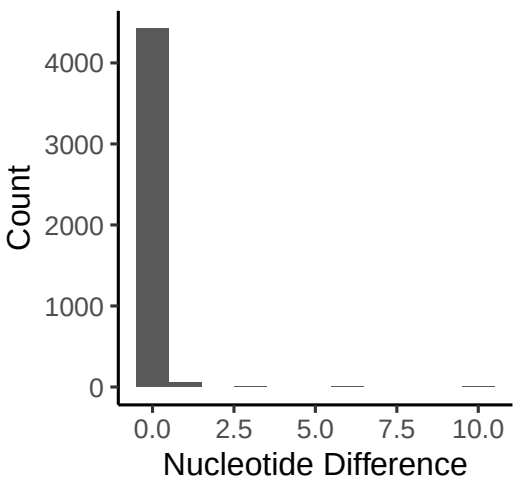
TRBV20−1*ap01

8821 sequences assigned
8734 (99%) exact matches, in which:
8588 unique CDR3
13 unique J



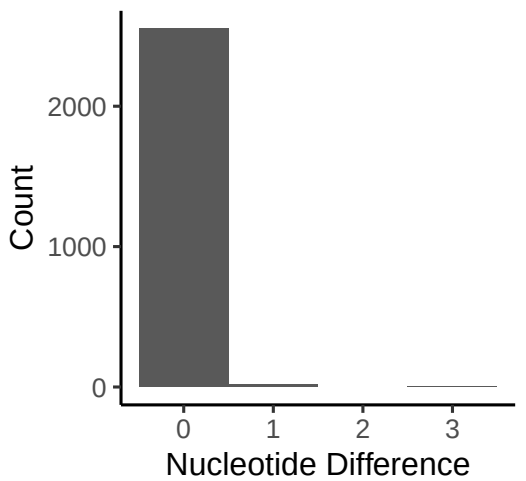
TRBV10−3*ap01

4475 sequences assigned
4422 (98.8%) exact matches, in which:
4322 unique CDR3
13 unique J



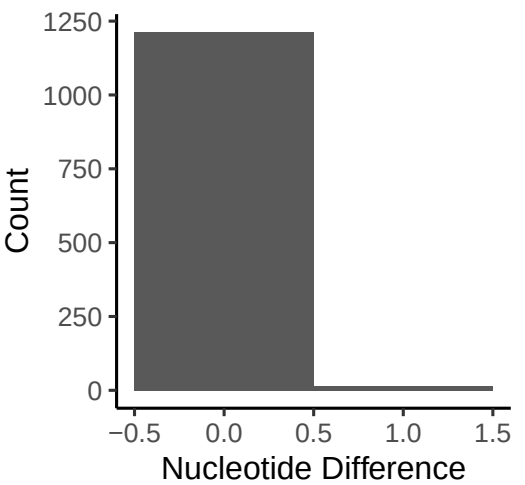
TRBV14*ap01

2573 sequences assigned
2552 (99.2%) exact matches, in which:
2514 unique CDR3
14 unique J



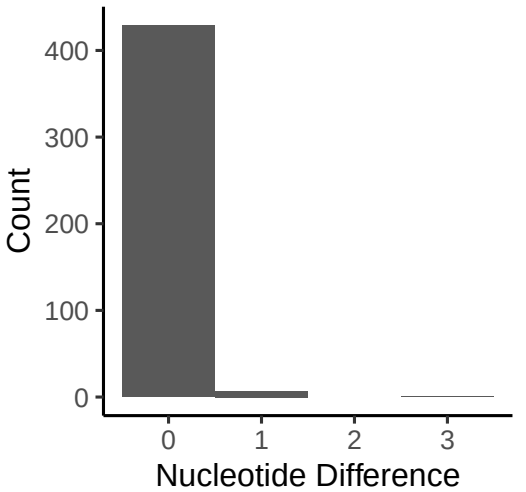
TRBV20−1*ap02

1228 sequences assigned
1213 (98.8%) exact matches, in which:
1193 unique CDR3
13 unique J



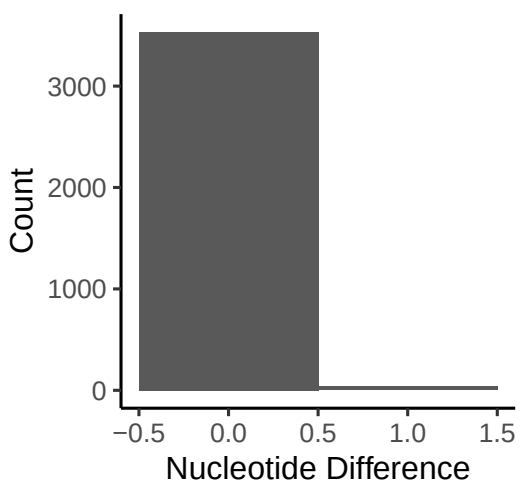
TRBV1*ap01

437 sequences assigned
429 (98.2%) exact matches, in which:
419 unique CDR3
13 unique J



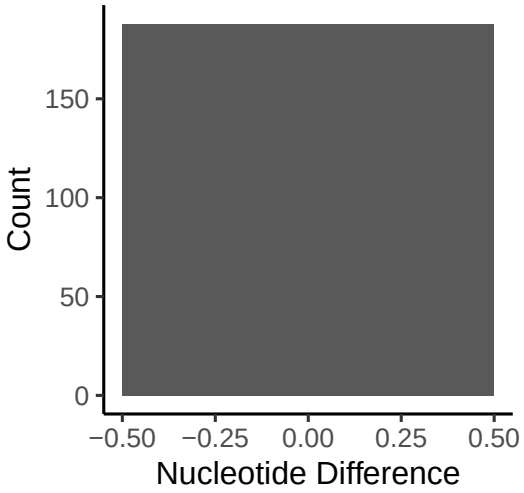
TRBV15*ap02

3570 sequences assigned
3533 (99%) exact matches, in which:
3463 unique CDR3
13 unique J



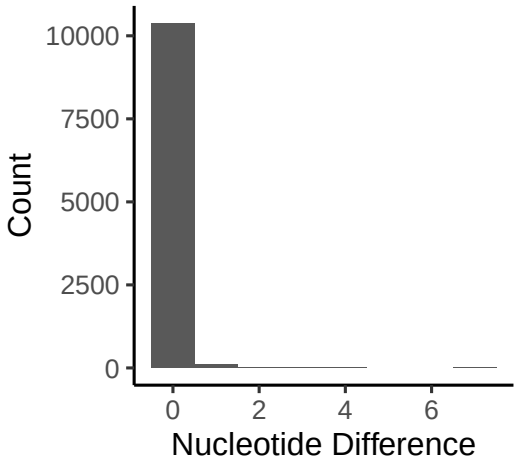
TRBV16*ap01

188 sequences assigned
188 (100%) exact matches, in which:
185 unique CDR3
13 unique J



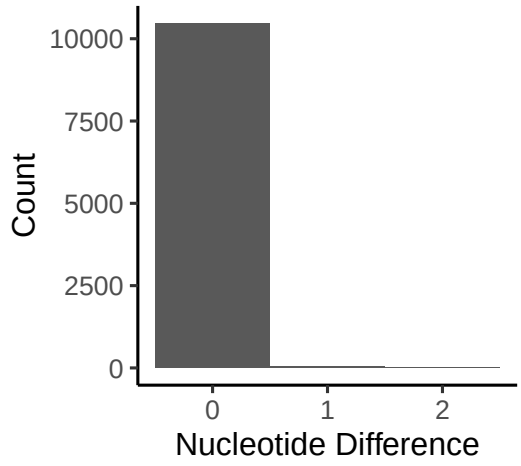
TRBV2*ap01

10495 sequences assigned
10381 (98.9%) exact matches, in which:
10173 unique CDR3
13 unique J



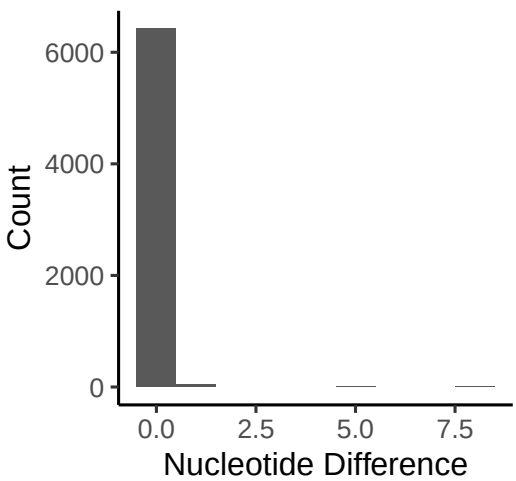
TRBV28*ap01

10534 sequences assigned
10473 (99.4%) exact matches, in which:
10315 unique CDR3
13 unique J



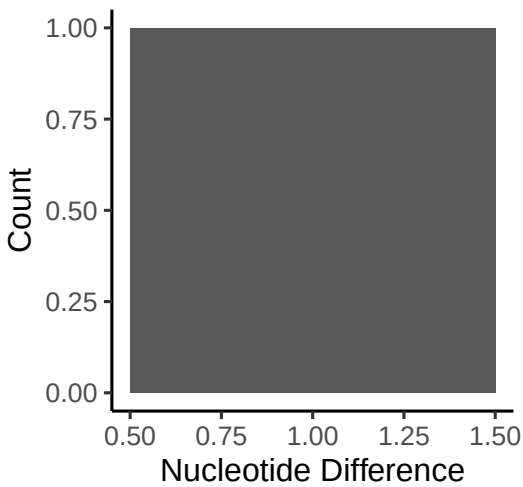
TRBV18*ap01

6462 sequences assigned
6422 (99.4%) exact matches, in which:
6364 unique CDR3
13 unique J



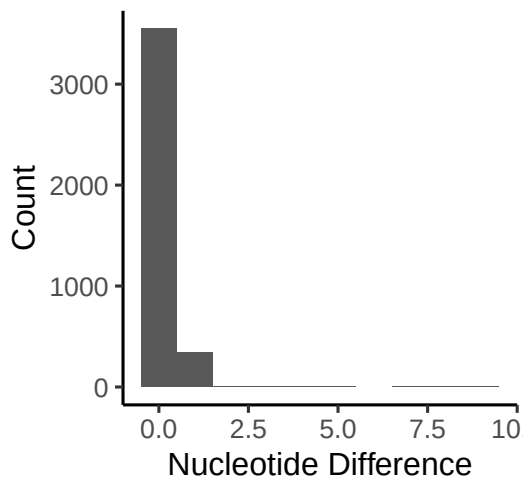
TRBV26*ap01

1 sequences assigned
No exact matches.



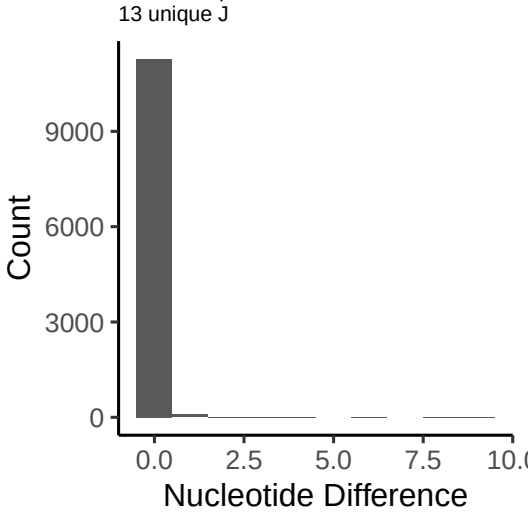
TRBV30*ap01

3911 sequences assigned
3549 (90.7%) exact matches, in which:
3489 unique CDR3
13 unique J



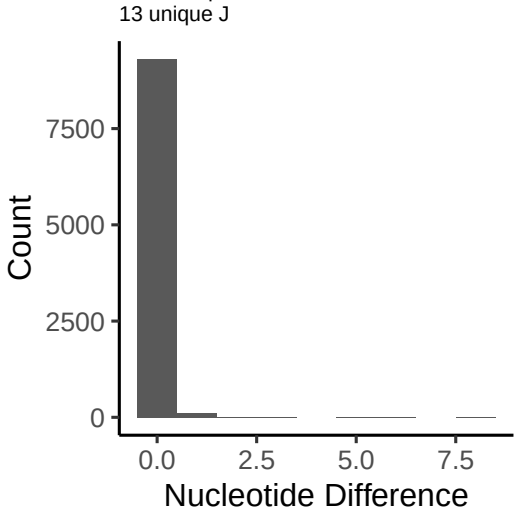
TRBV19*ap01

11371 sequences assigned
11276 (99.2%) exact matches, in which:
11172 unique CDR3
13 unique J



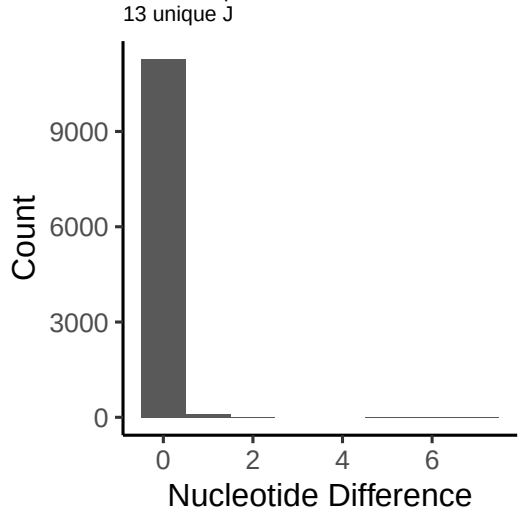
TRBV27*ap01

9419 sequences assigned
9307 (98.8%) exact matches, in which:
9082 unique CDR3
13 unique J



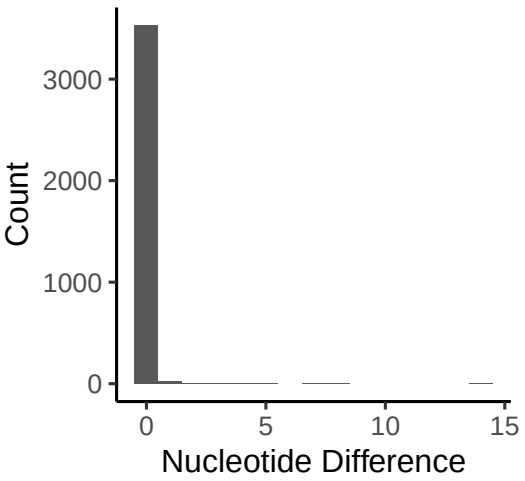
TRBV9*ap01

11396 sequences assigned
11280 (99%) exact matches, in which:
11084 unique CDR3
13 unique J



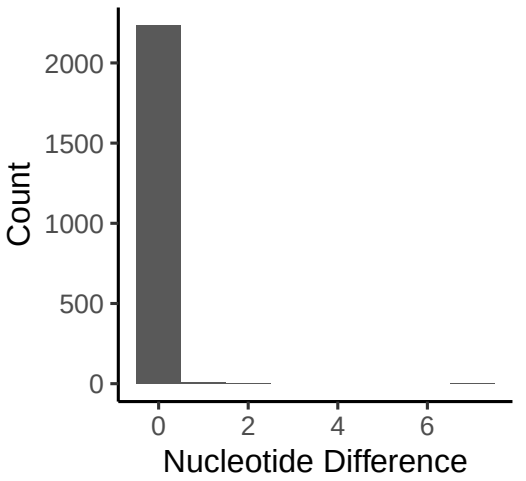
TRBV21−1*ap01

3563 sequences assigned
3529 (99%) exact matches, in which:
3507 unique CDR3
13 unique J



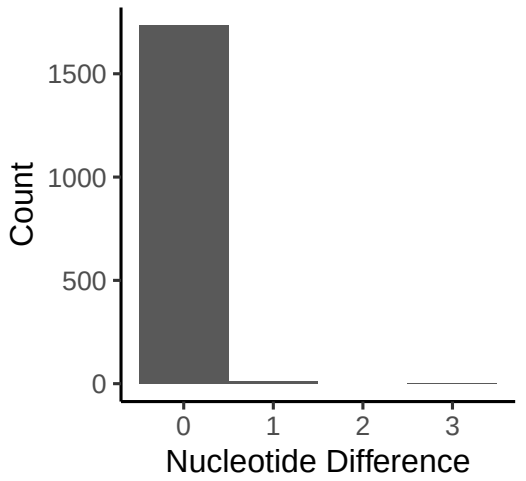
TRBV11−3*ap01

2245 sequences assigned
2234 (99.5%) exact matches, in which:
2201 unique CDR3
13 unique J



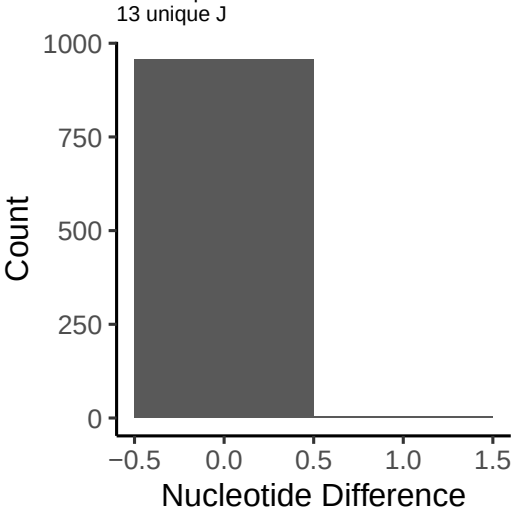
TRBV12−5*ap01

1747 sequences assigned
1734 (99.3%) exact matches, in which:
1706 unique CDR3
13 unique J



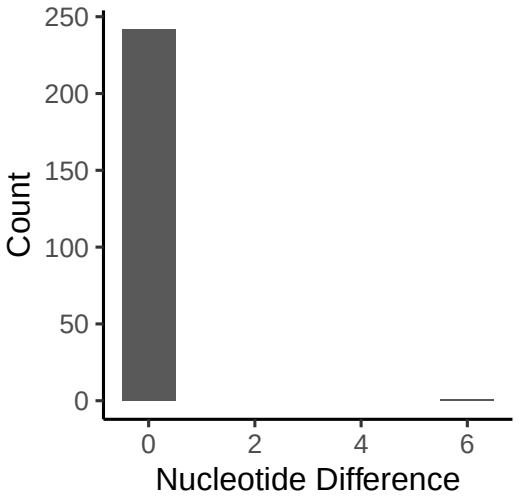
TRBV11−1*ap01

960 sequences assigned
956 (99.6%) exact matches, in which:
940 unique CDR3
13 unique J



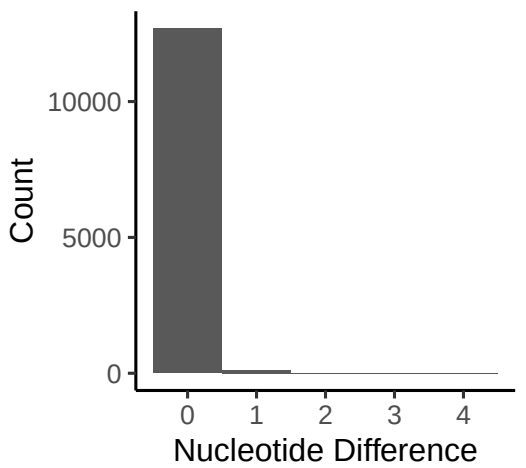
TRBV12−1*ap01

243 sequences assigned
242 (99.6%) exact matches, in which:
241 unique CDR3
13 unique J



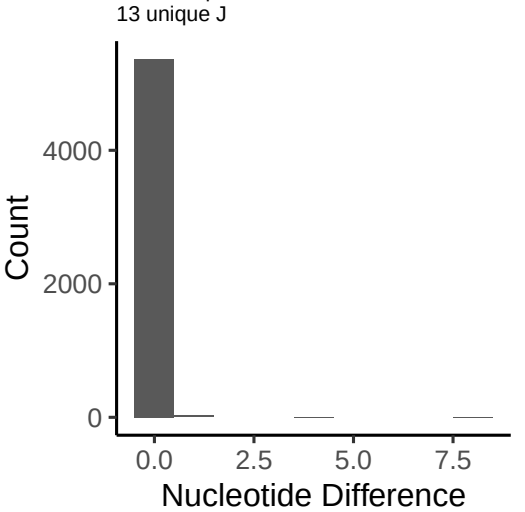
TRBV12−34*ap01

12808 sequences assigned
12690 (99.1%) exact matches, in which:
12466 unique CDR3
13 unique J



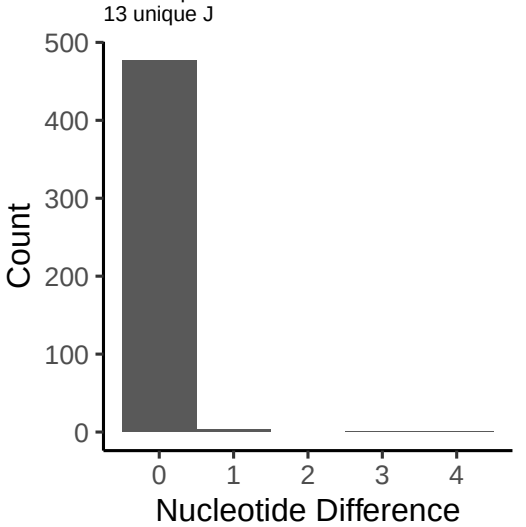
TRBV11−2*ap01

5397 sequences assigned
5367 (99.4%) exact matches, in which:
5285 unique CDR3
13 unique J



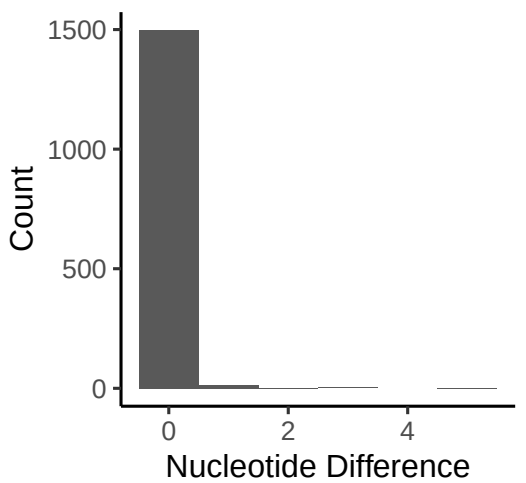
TRBV12−2*ap01

482 sequences assigned
477 (99%) exact matches, in which:
472 unique CDR3
13 unique J



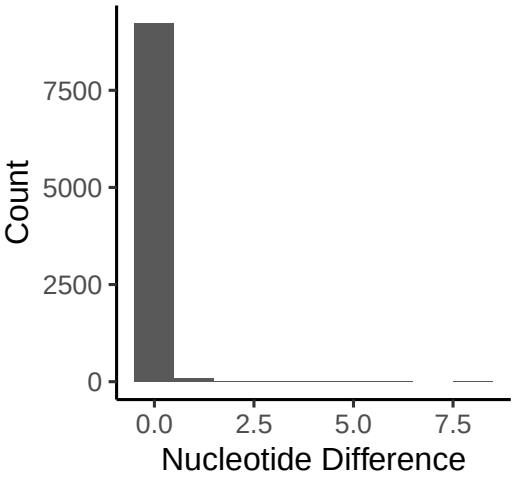
TRBV23−1*ap01

1516 sequences assigned
1498 (98.8%) exact matches, in which:
1474 unique CDR3
13 unique J



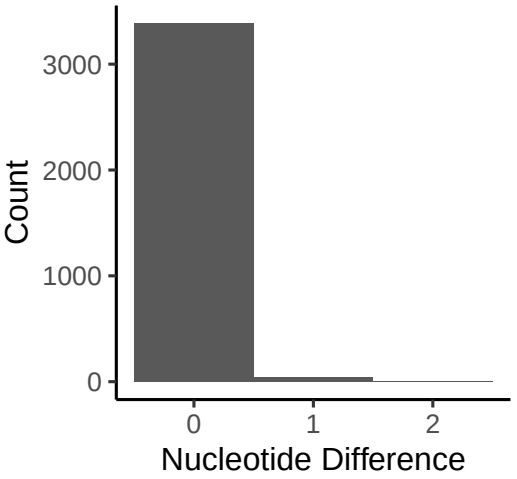
TRBV3−12*ap01

9332 sequences assigned
9222 (98.8%) exact matches, in which:
9034 unique CDR3
13 unique J



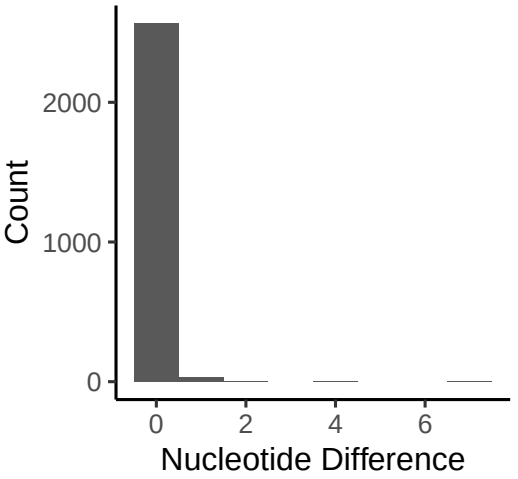
TRBV4−2*ap01

3426 sequences assigned
3385 (98.8%) exact matches, in which:
3323 unique CDR3
13 unique J



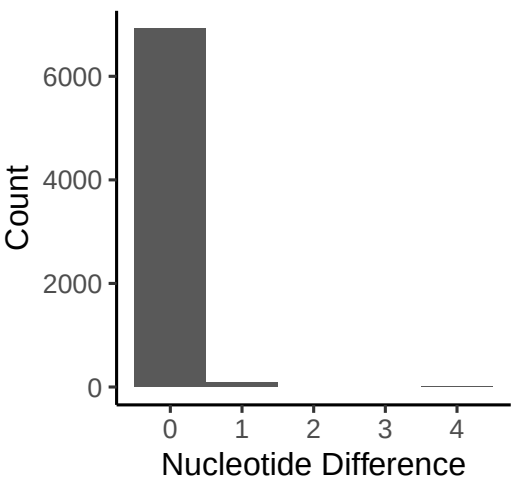
TRBV25−1*ap01

2599 sequences assigned
2565 (98.7%) exact matches, in which:
2512 unique CDR3
13 unique J



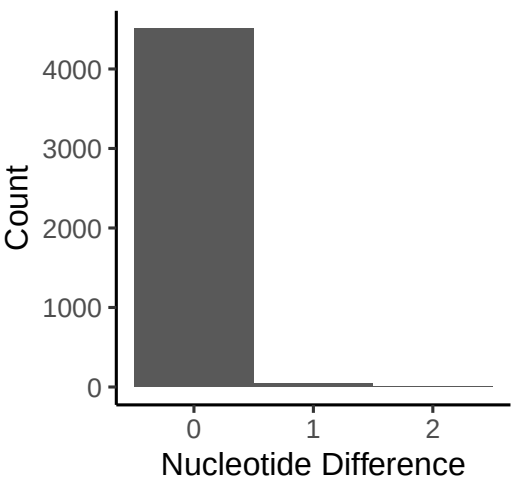
TRBV4−1*ap01

7000 sequences assigned
6919 (98.8%) exact matches, in which:
6798 unique CDR3
13 unique J



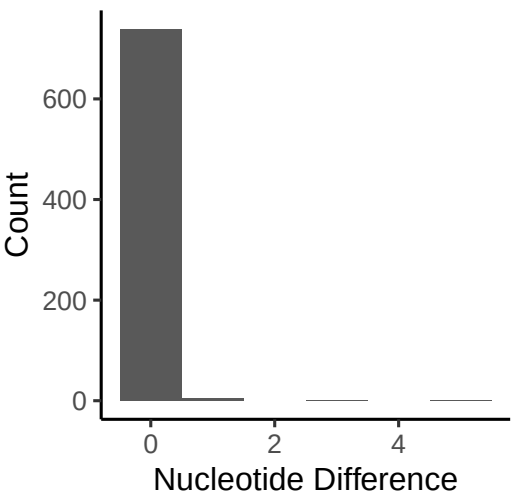
TRBV4−3*ap01

4548 sequences assigned
4506 (99.1%) exact matches, in which:
4403 unique CDR3
13 unique J



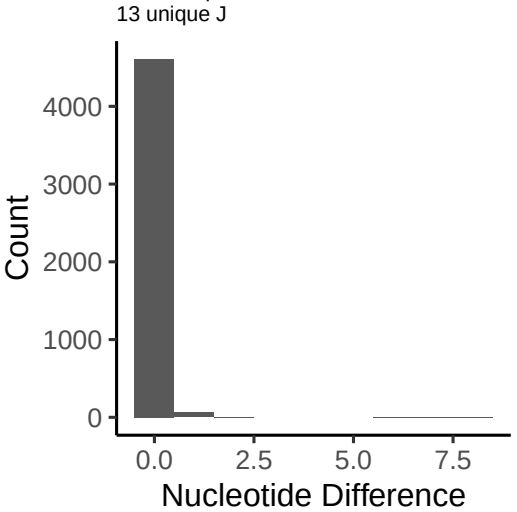
TRBV5−3*ap01

746 sequences assigned
739 (99.1%) exact matches, in which:
722 unique CDR3
13 unique J



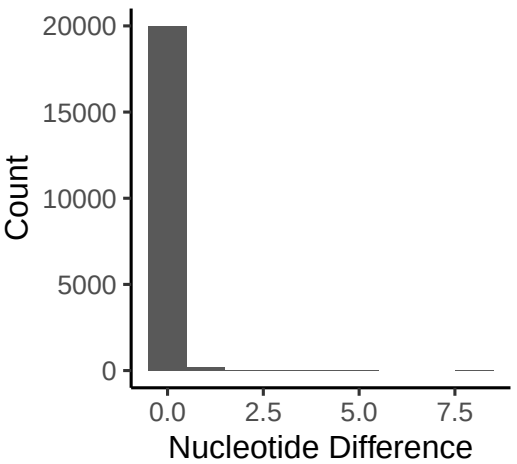
TRBV24−1*ap01

4677 sequences assigned
4608 (98.5%) exact matches, in which:
4535 unique CDR3
13 unique J



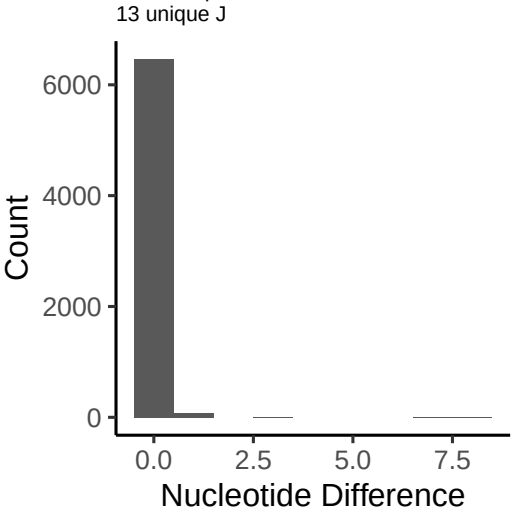
TRBV5−1*ap01

20219 sequences assigned
20007 (99%) exact matches, in which:
19560 unique CDR3
13 unique J



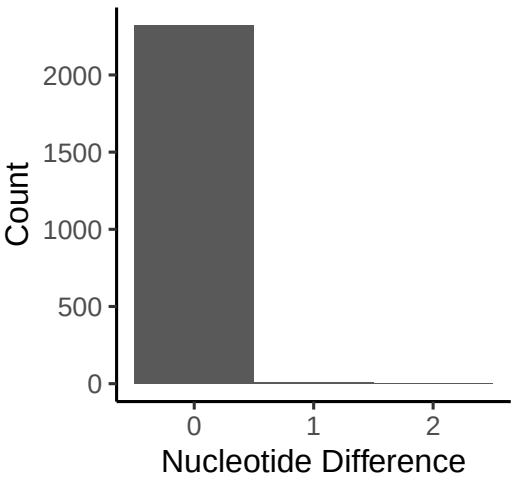
TRBV5−4*ap01

6549 sequences assigned
6465 (98.7%) exact matches, in which:
6332 unique CDR3
13 unique J



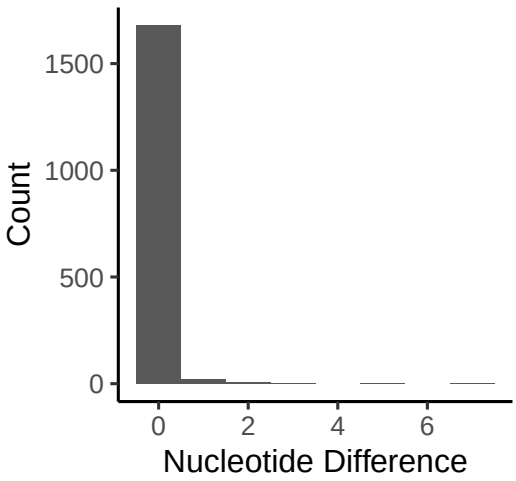
TRBV5−5*ap01

2335 sequences assigned
2321 (99.4%) exact matches, in which:
2307 unique CDR3
13 unique J



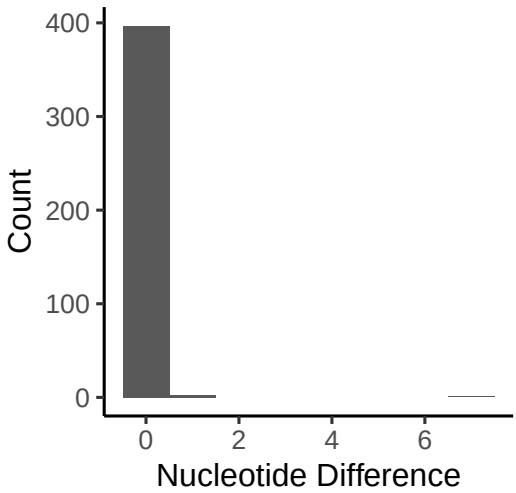
TRBV5−8*ap01

1706 sequences assigned
1679 (98.4%) exact matches, in which:
1654 unique CDR3
13 unique J



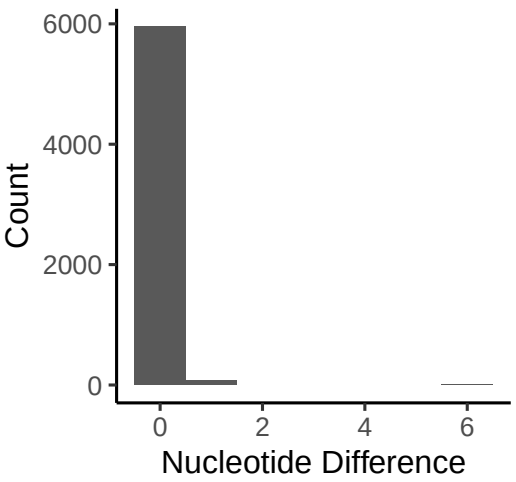
TRBV6−7*ap01

401 sequences assigned
397 (99%) exact matches, in which:
380 unique CDR3
13 unique J



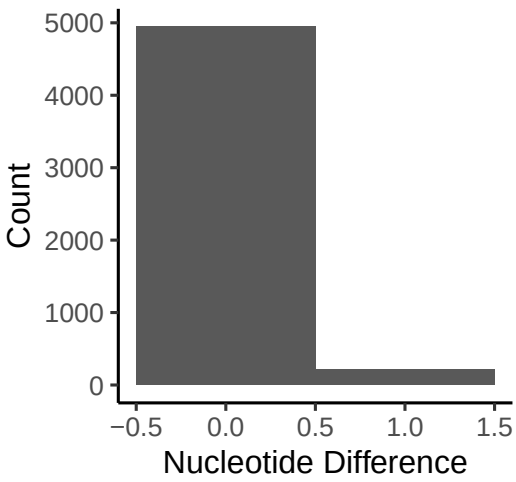
TRBV5−6*ap01

6032 sequences assigned
5952 (98.7%) exact matches, in which:
5774 unique CDR3
13 unique J



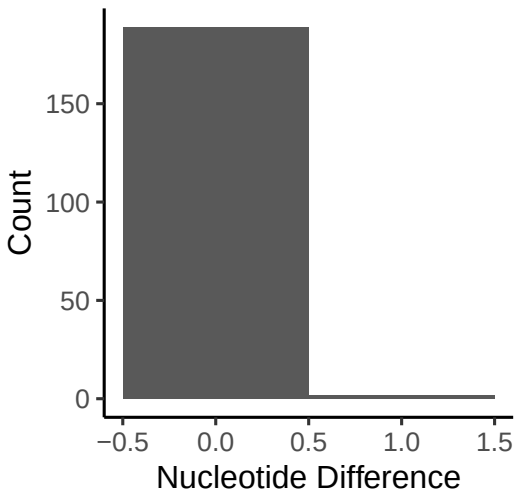
TRBV6−1*ap01

5164 sequences assigned
4946 (95.8%) exact matches, in which:
4823 unique CDR3
13 unique J



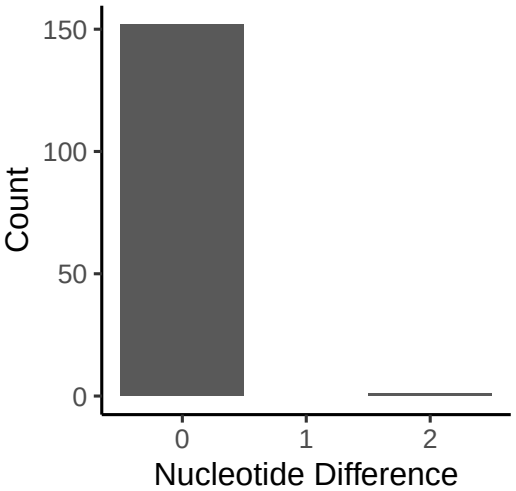
TRBV6−8*ap01

191 sequences assigned
189 (99%) exact matches, in which:
185 unique CDR3
13 unique J



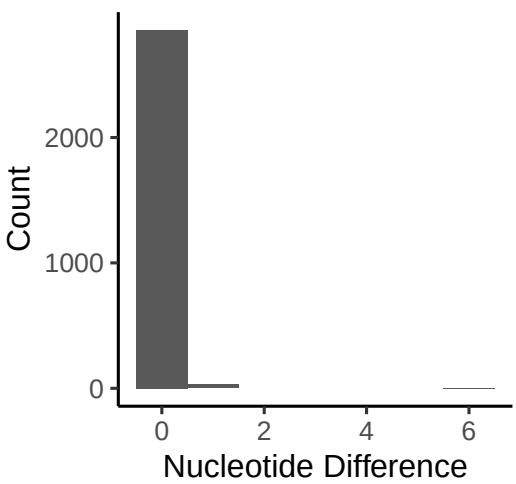
TRBV5−7*ap01

153 sequences assigned
152 (99.3%) exact matches, in which:
149 unique CDR3
13 unique J



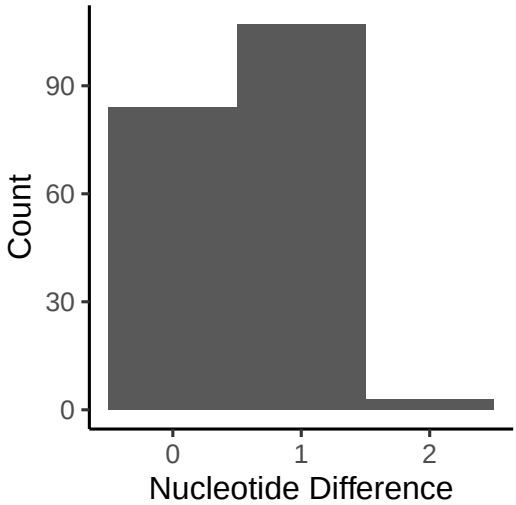
TRBV6−4*ap01

2890 sequences assigned
2857 (98.9%) exact matches, in which:
2829 unique CDR3
13 unique J



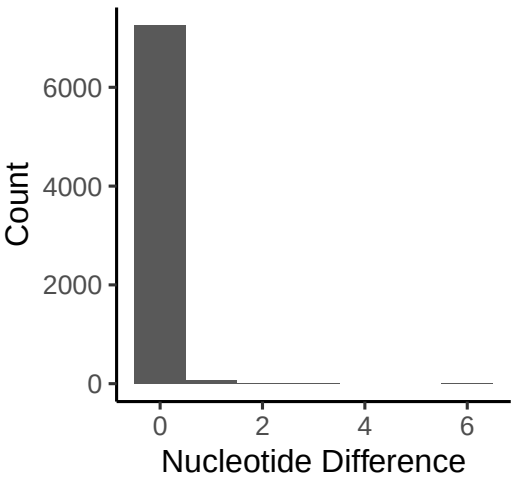
TRBV6−9*ap01

194 sequences assigned
84 (43.3%) exact matches, in which:
83 unique CDR3
13 unique J



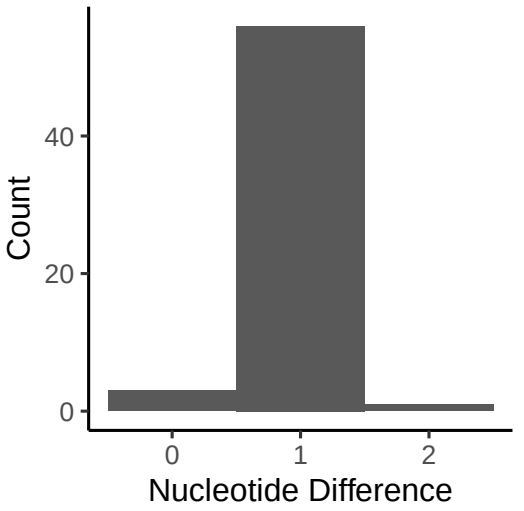
TRBV6−23*ap01

7336 sequences assigned
7253 (98.9%) exact matches, in which:
7069 unique CDR3
13 unique J



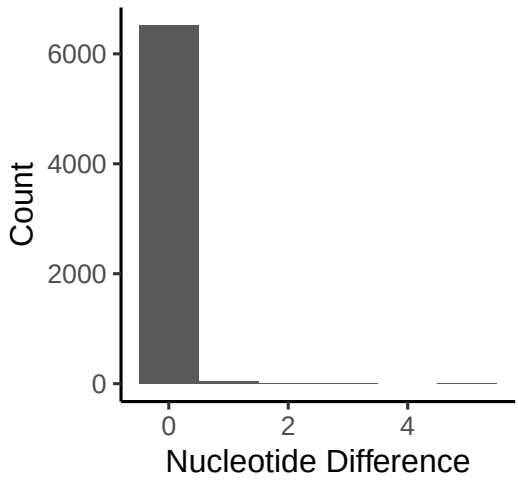
TRBV7−1*ap01_T296C

60 sequences assigned
3 (5%) exact matches, in which:
3 unique CDR3
3 unique J



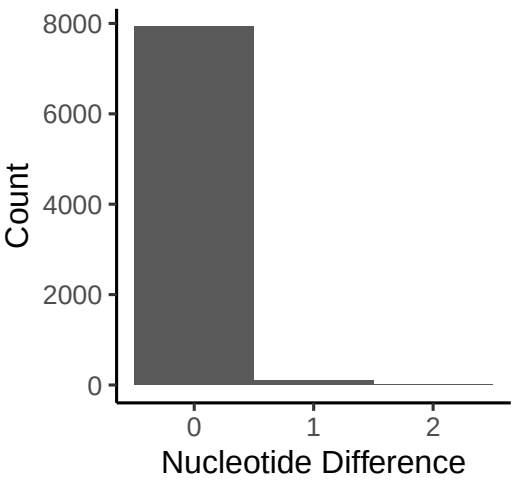
TRBV7−3*ap01

6560 sequences assigned
6517 (99.3%) exact matches, in which:
6436 unique CDR3
13 unique J



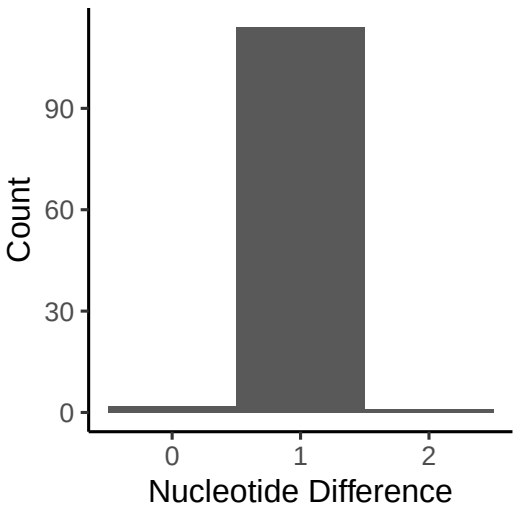
TRBV6−56*ap01

8027 sequences assigned
7927 (98.8%) exact matches, in which:
7745 unique CDR3
13 unique J



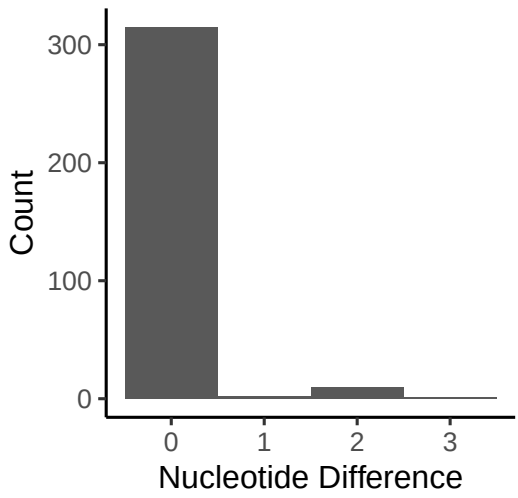
TRBV7−1*ap01_T296C_C

117 sequences assigned
2 (1.7%) exact matches, in which:
2 unique CDR3
1 unique J



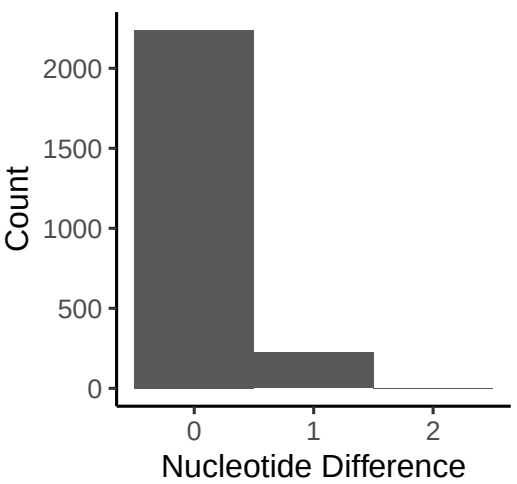
TRBV7−4*ap01

328 sequences assigned
315 (96%) exact matches, in which:
308 unique CDR3
13 unique J



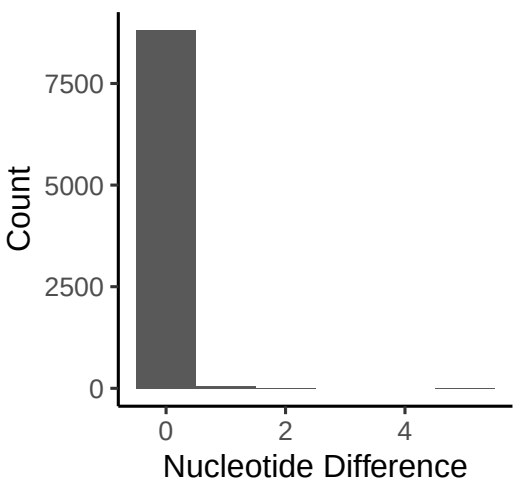
TRBV6−56*ap02

2463 sequences assigned
2239 (90.9%) exact matches, in which:
2190 unique CDR3
13 unique J



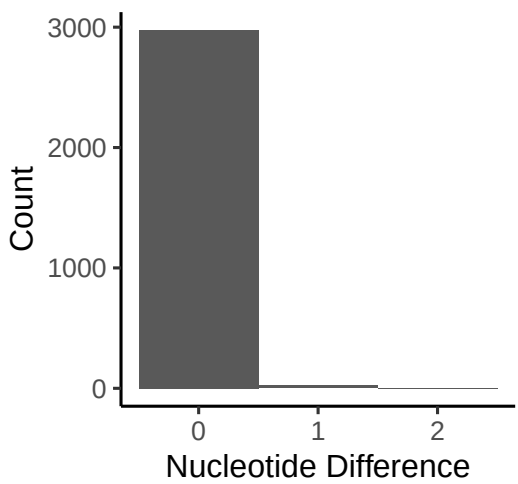
TRBV7−2*ap01

8881 sequences assigned
8815 (99.3%) exact matches, in which:
8679 unique CDR3
13 unique J



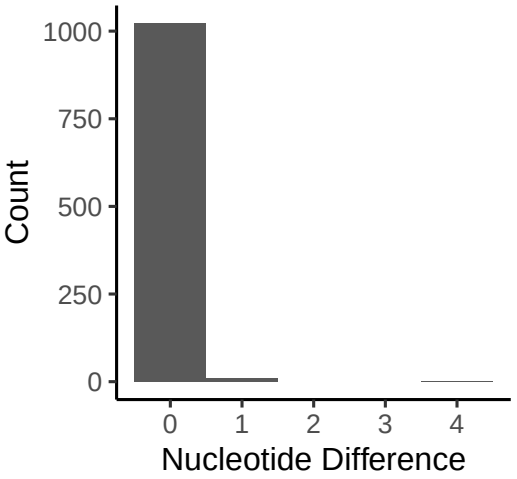
TRBV7−6*ap01

3000 sequences assigned
2976 (99.2%) exact matches, in which:
2912 unique CDR3
13 unique J



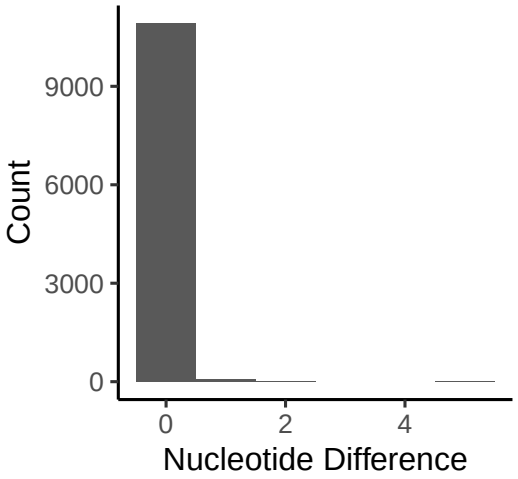
TRBV7−7*ap01

1032 sequences assigned
1022 (99%) exact matches, in which:
1005 unique CDR3
13 unique J



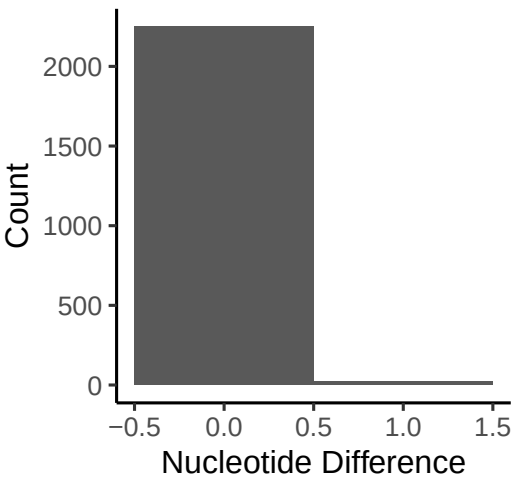
TRBV7−9*ap01

10989 sequences assigned
10917 (99.3%) exact matches, in which:
10731 unique CDR3
13 unique J



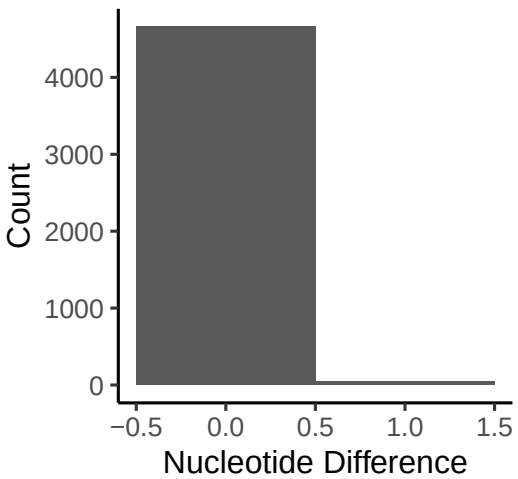
TRBV7−8*ap01

2270 sequences assigned
2249 (99.1%) exact matches, in which:
2200 unique CDR3
13 unique J



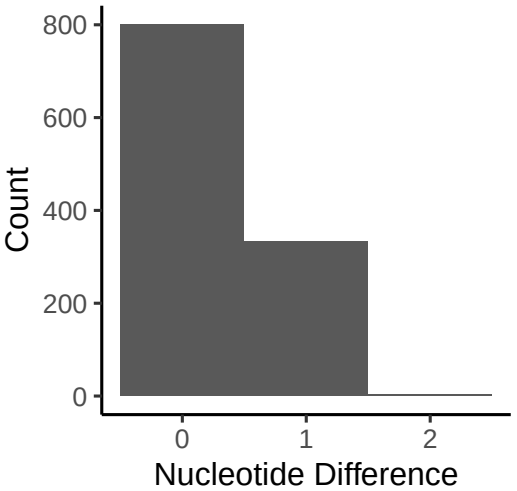
TRBV29−1*ap01

4705 sequences assigned
4659 (99%) exact matches, in which:
4525 unique CDR3
13 unique J



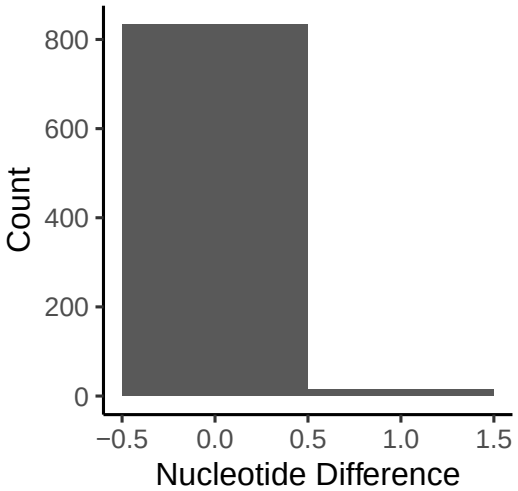
TRBV7−8*ap03

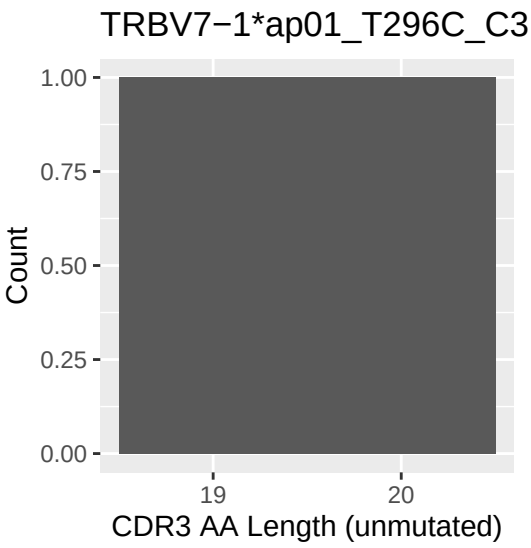
1137 sequences assigned
801 (70.4%) exact matches, in which:
780 unique CDR3
13 unique J

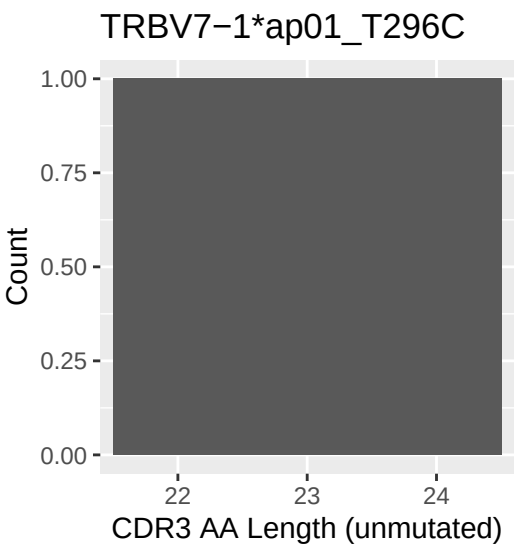


TRBV29−1*ap02

849 sequences assigned
834 (98.2%) exact matches, in which:
818 unique CDR3
13 unique J




TRBV7−1*ap01_T296C_C314T
1.00
0.75
0.50
0.25
0.00
Count
19
20
CDR3 AA Length (unmutated)


TRBV7−1*ap01_T296C
1.00
0.75
0.50
0.25
0.00
Count
22
23
24
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.