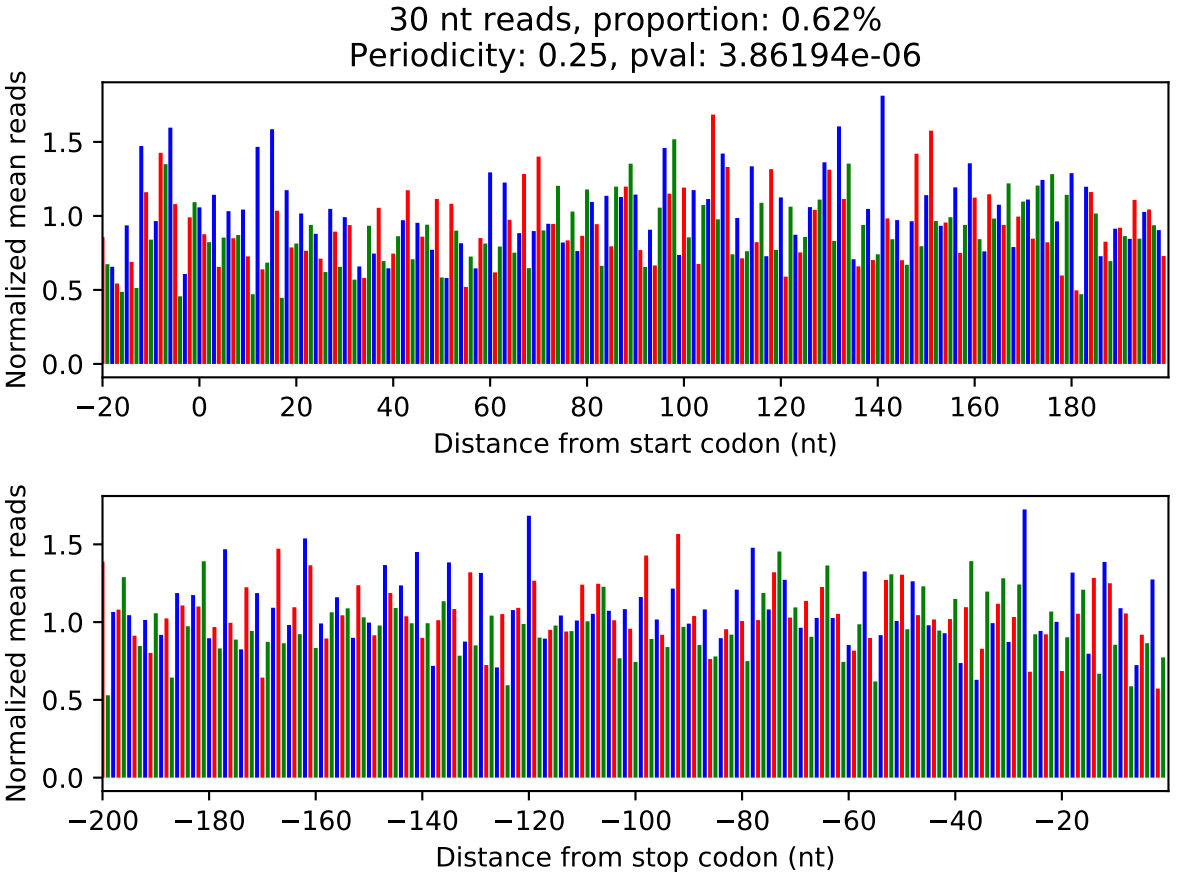
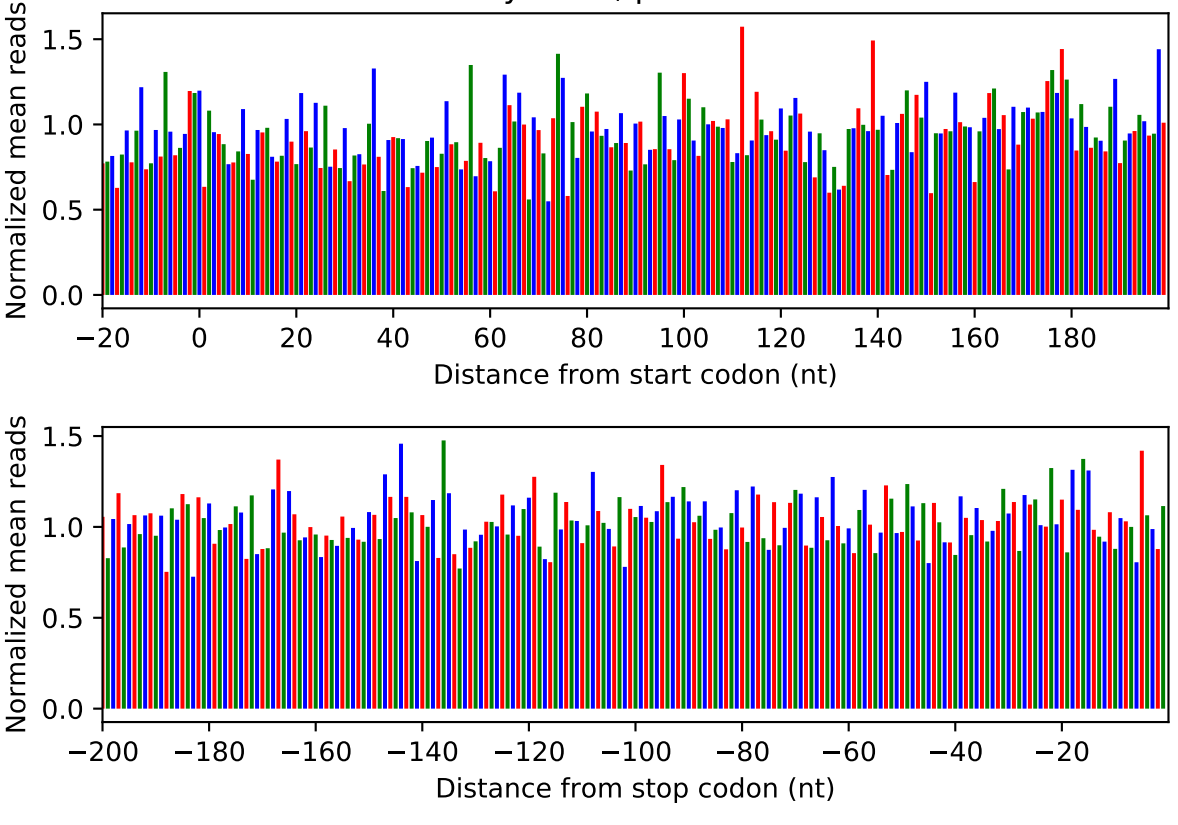
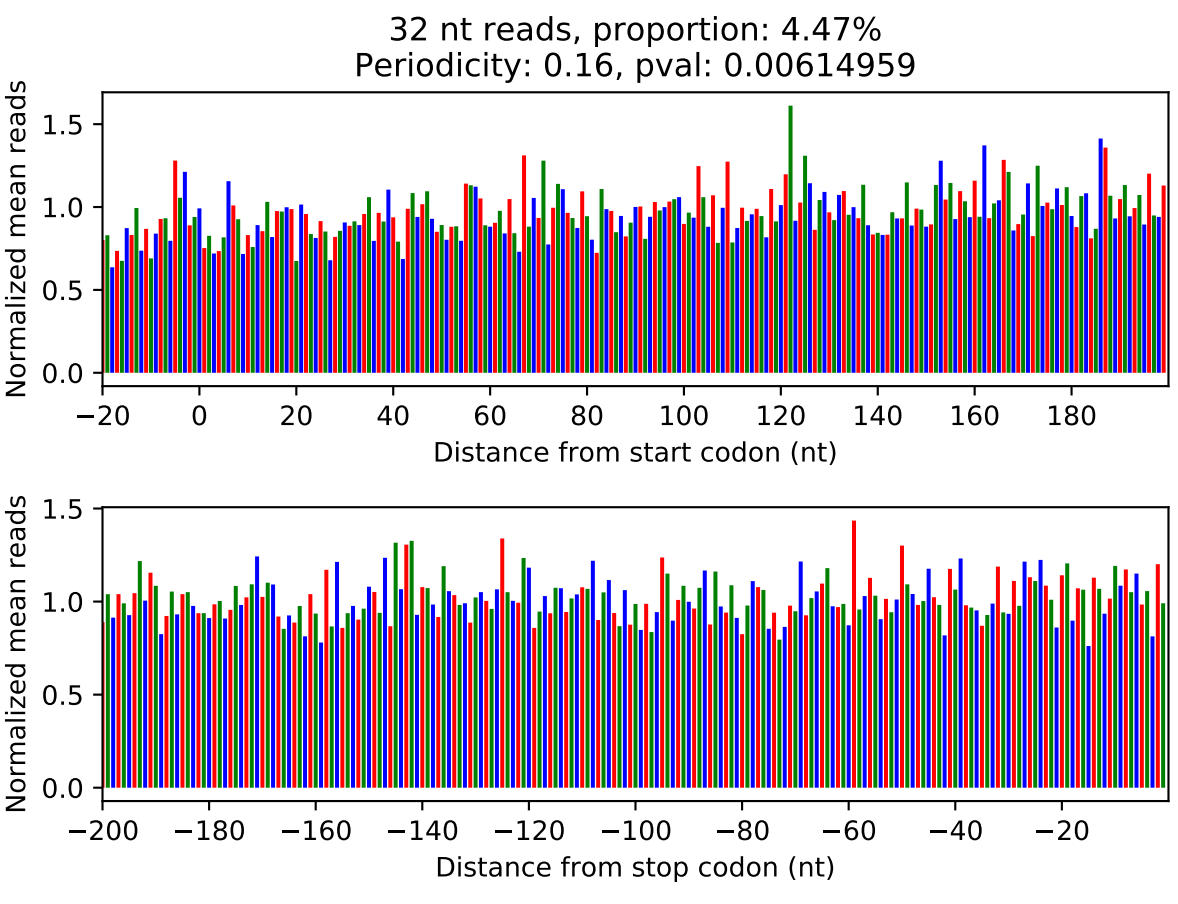
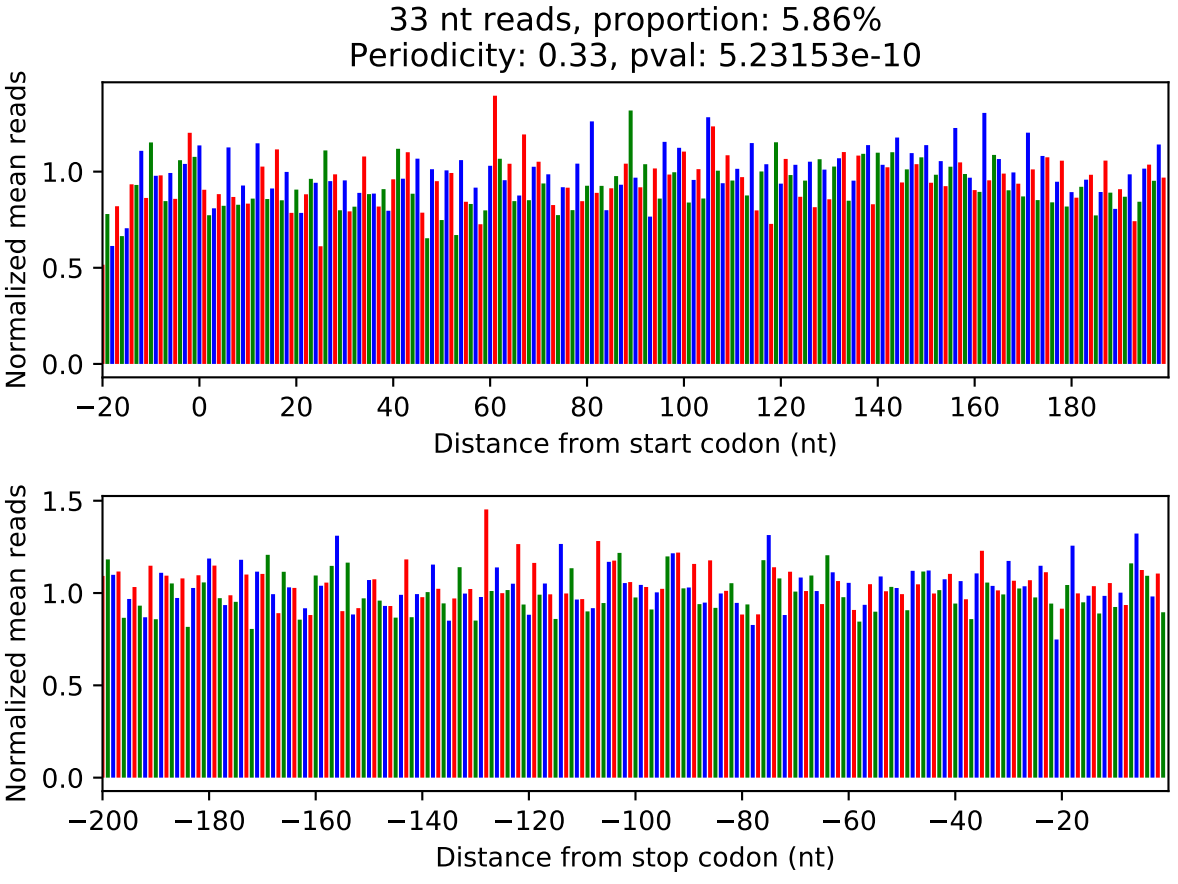
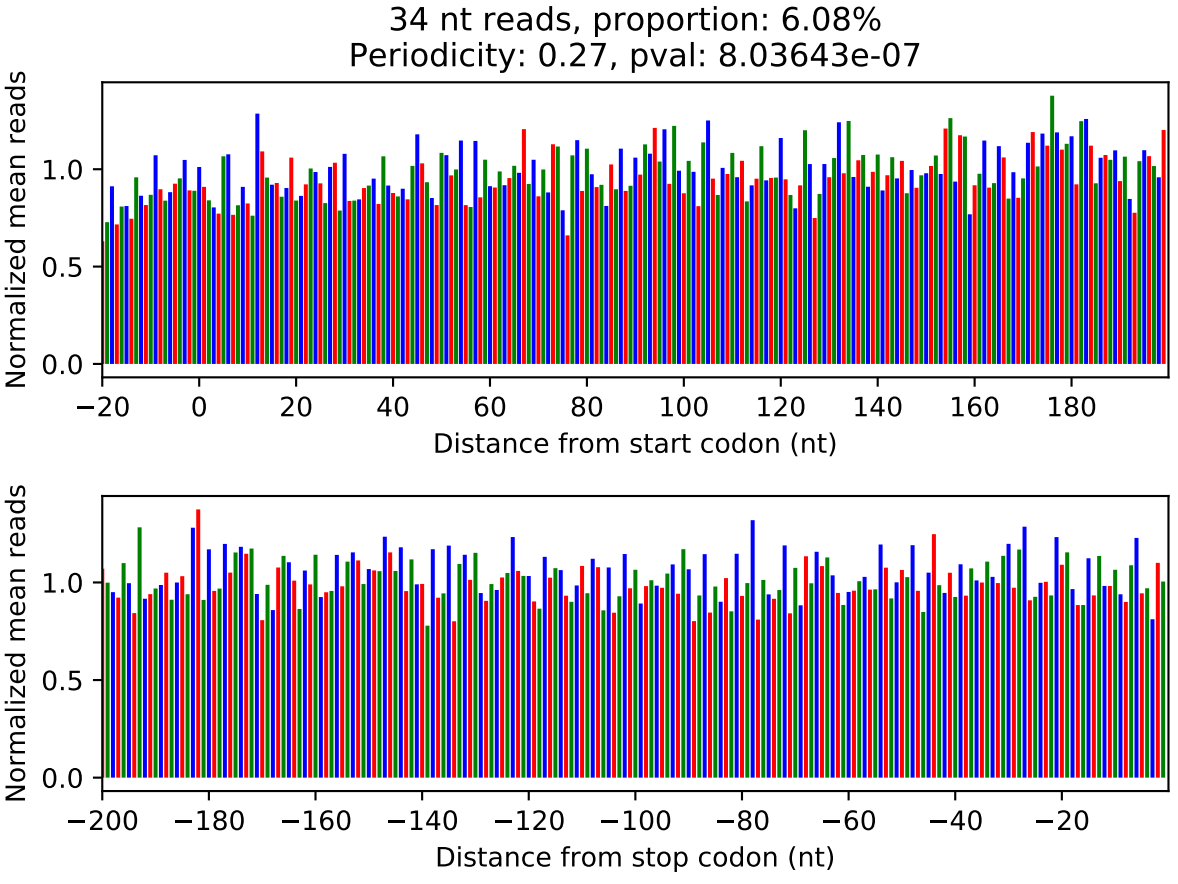
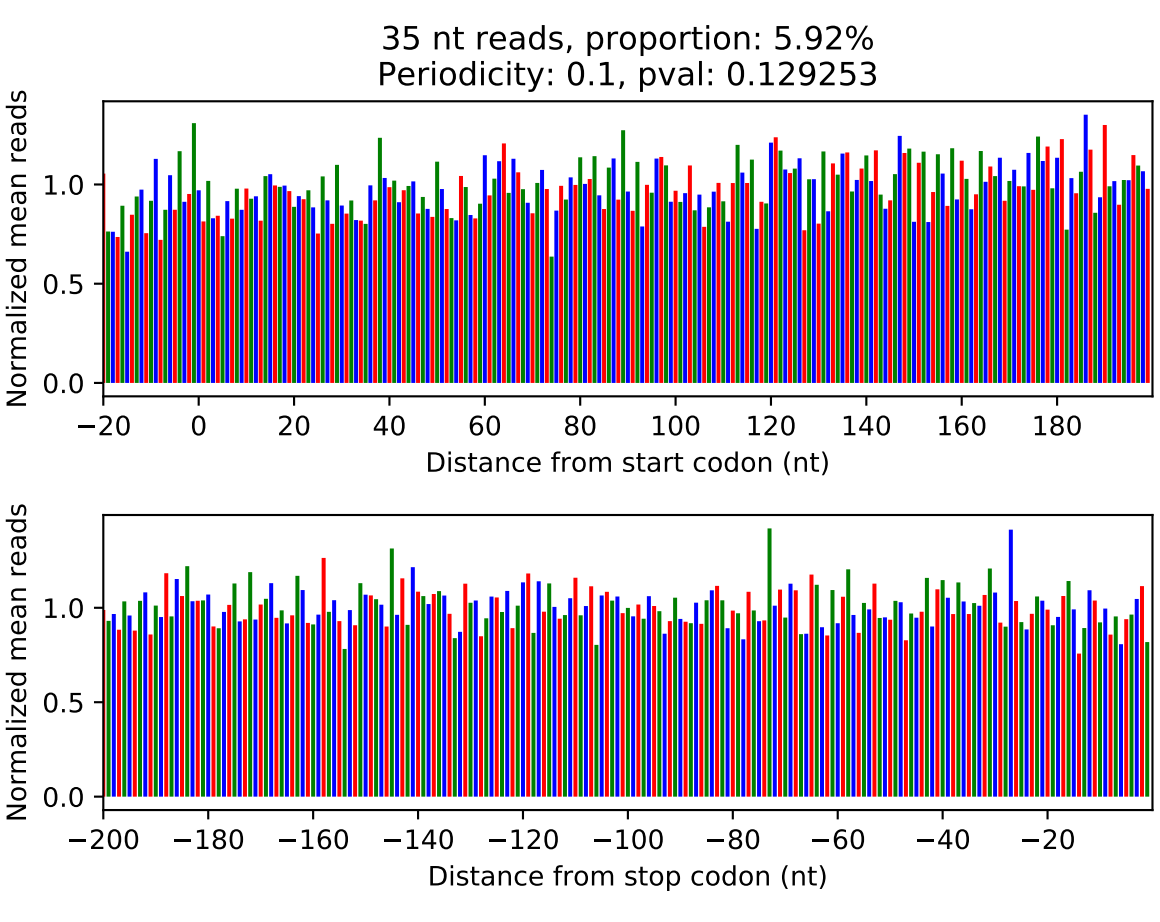

30 nt reads, proportion: 0.62%
Periodicity: 0.25, pval: 3.86194e-06
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

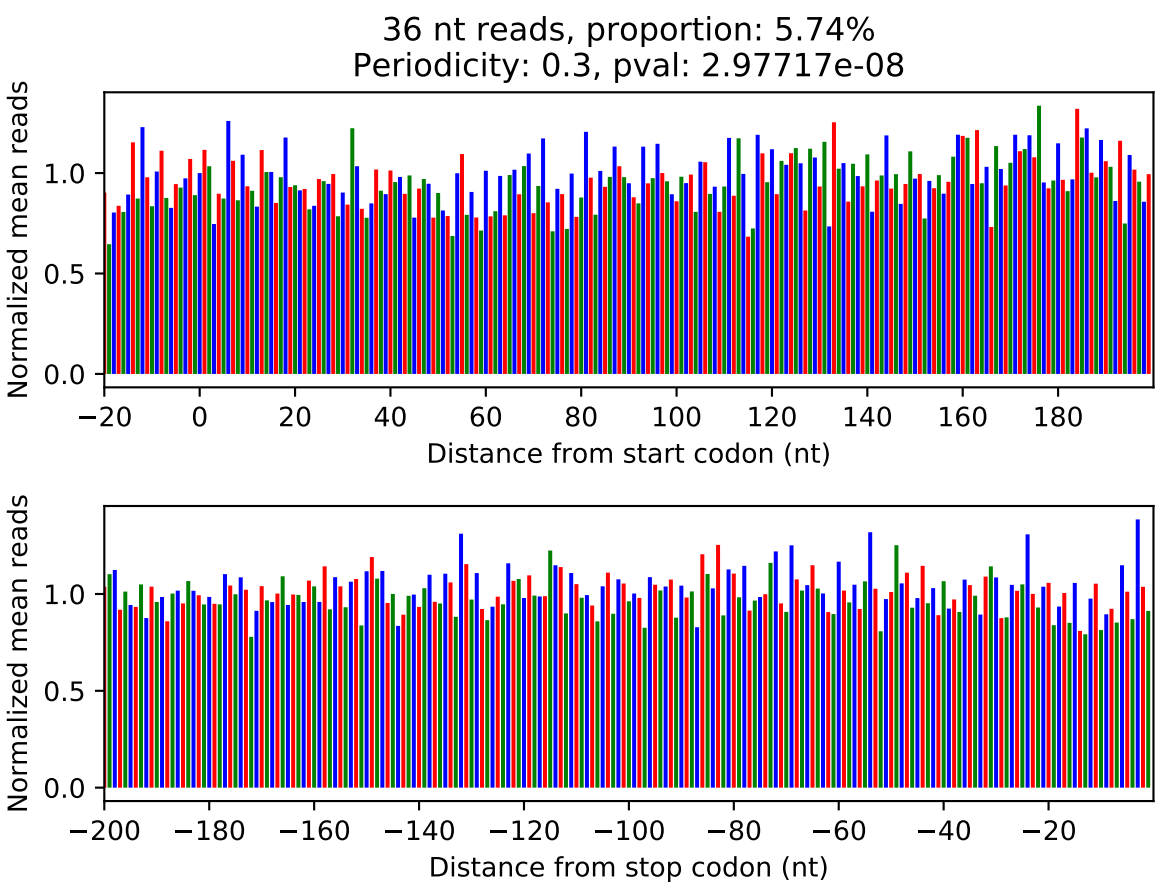

31 nt reads, proportion: 2.08%
Periodicity: 0.17, pval: 0.00392065
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

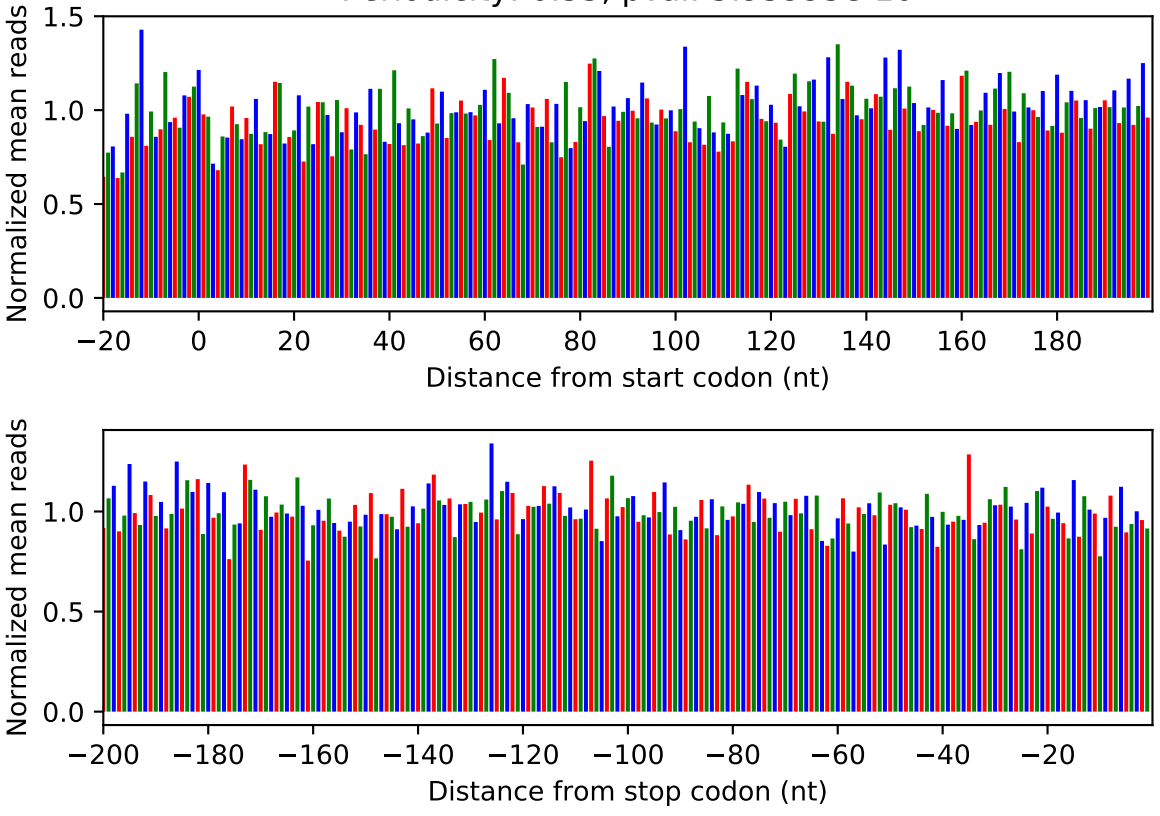

32 nt reads, proportion: 4.47%
Periodicity: 0.16, pval: 0.00614959
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

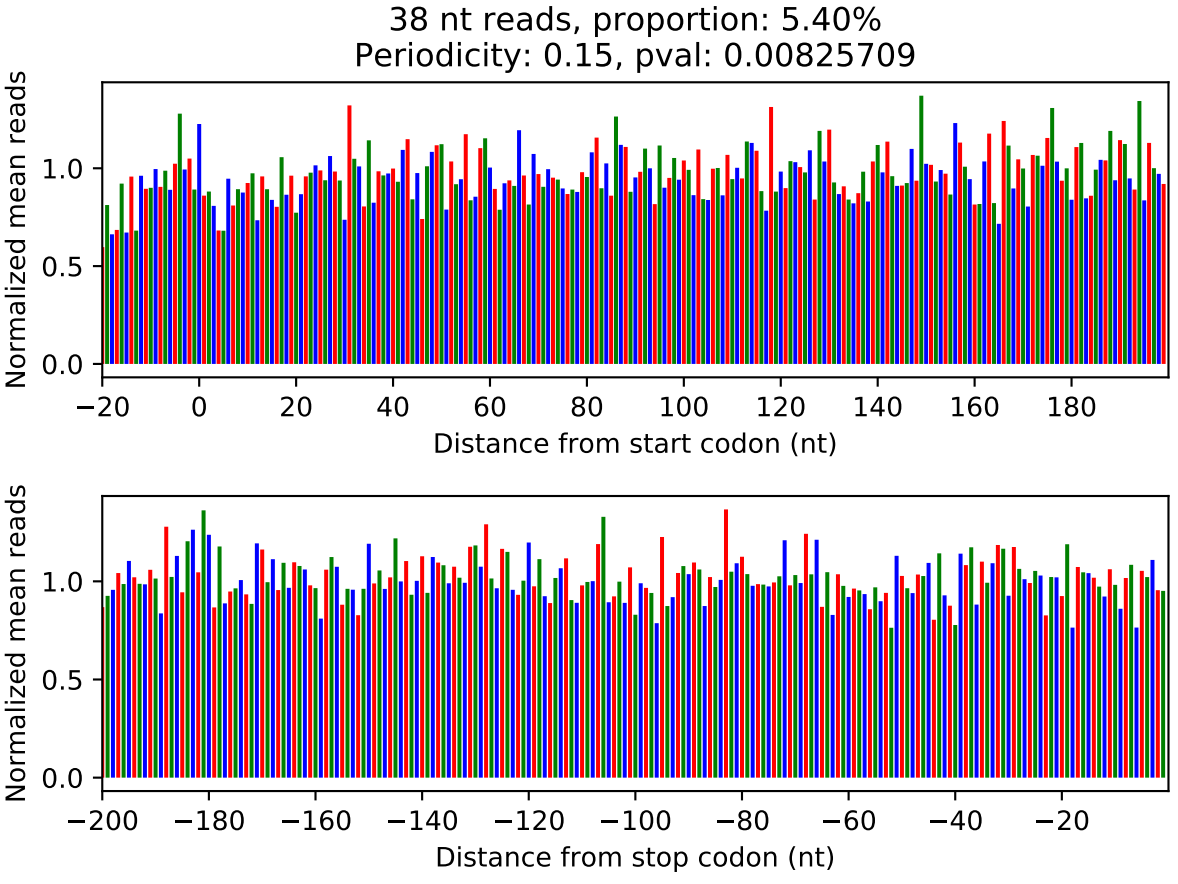

33 nt reads, proportion: 5.86%
Periodicity: 0.33, pval: 5.23153e-10
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

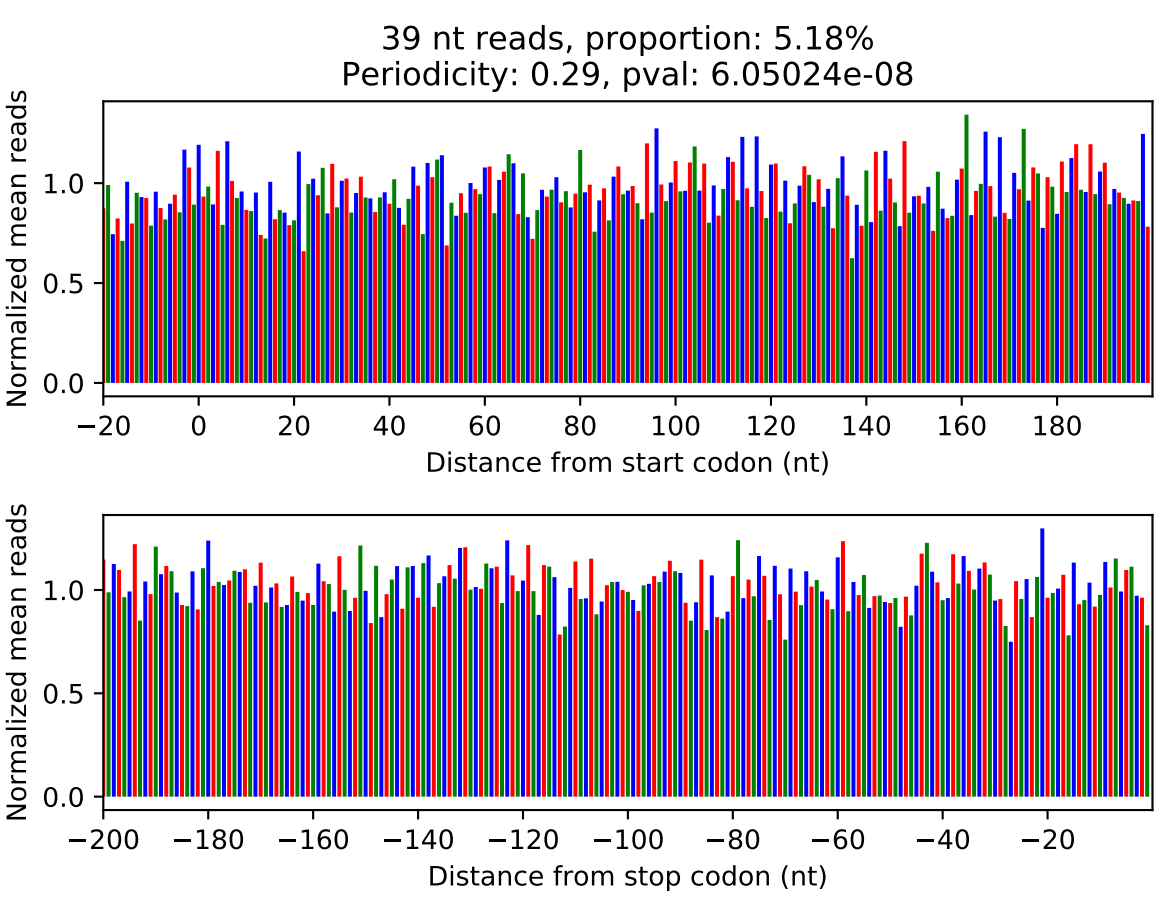

34 nt reads, proportion: 6.08%
Periodicity: 0.27, pval: 8.03643e-07
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

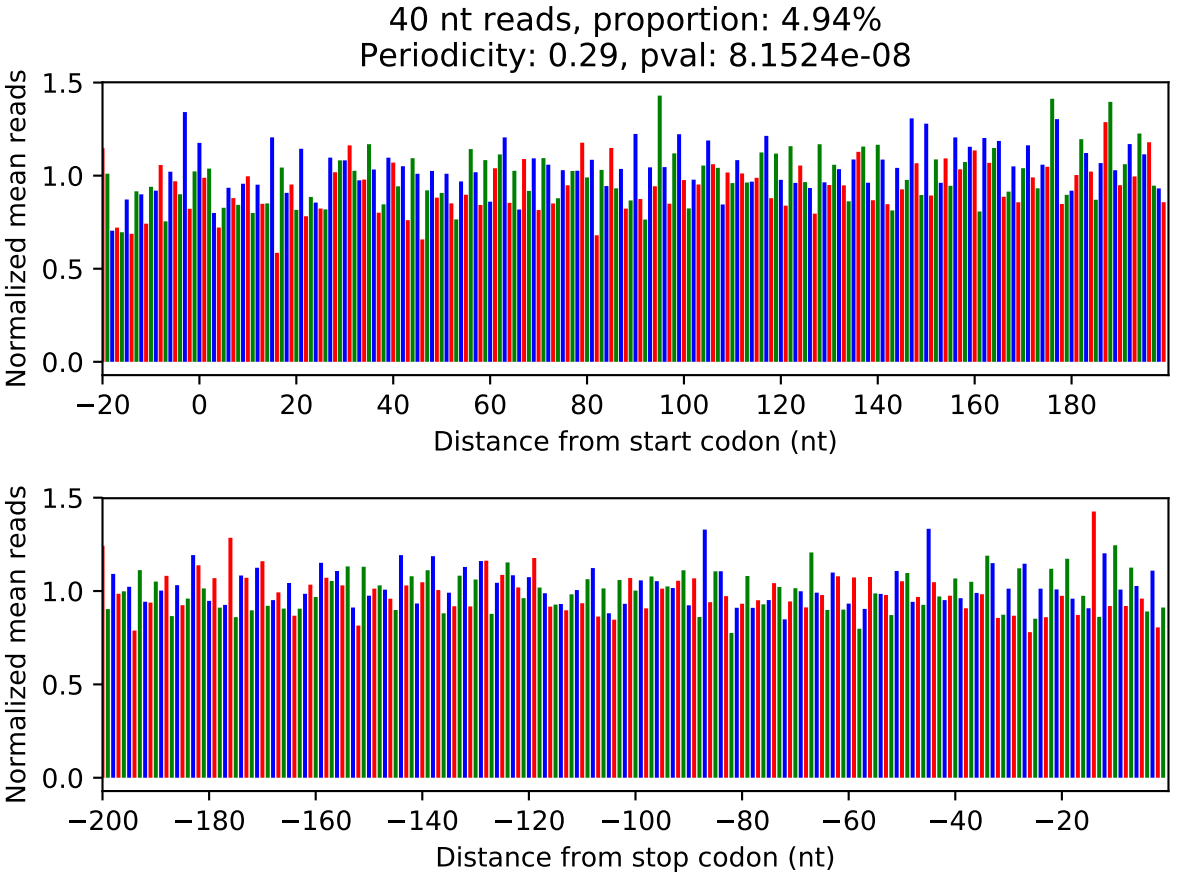

35 nt reads, proportion: 5.92%
Periodicity: 0.1, pval: 0.129253
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

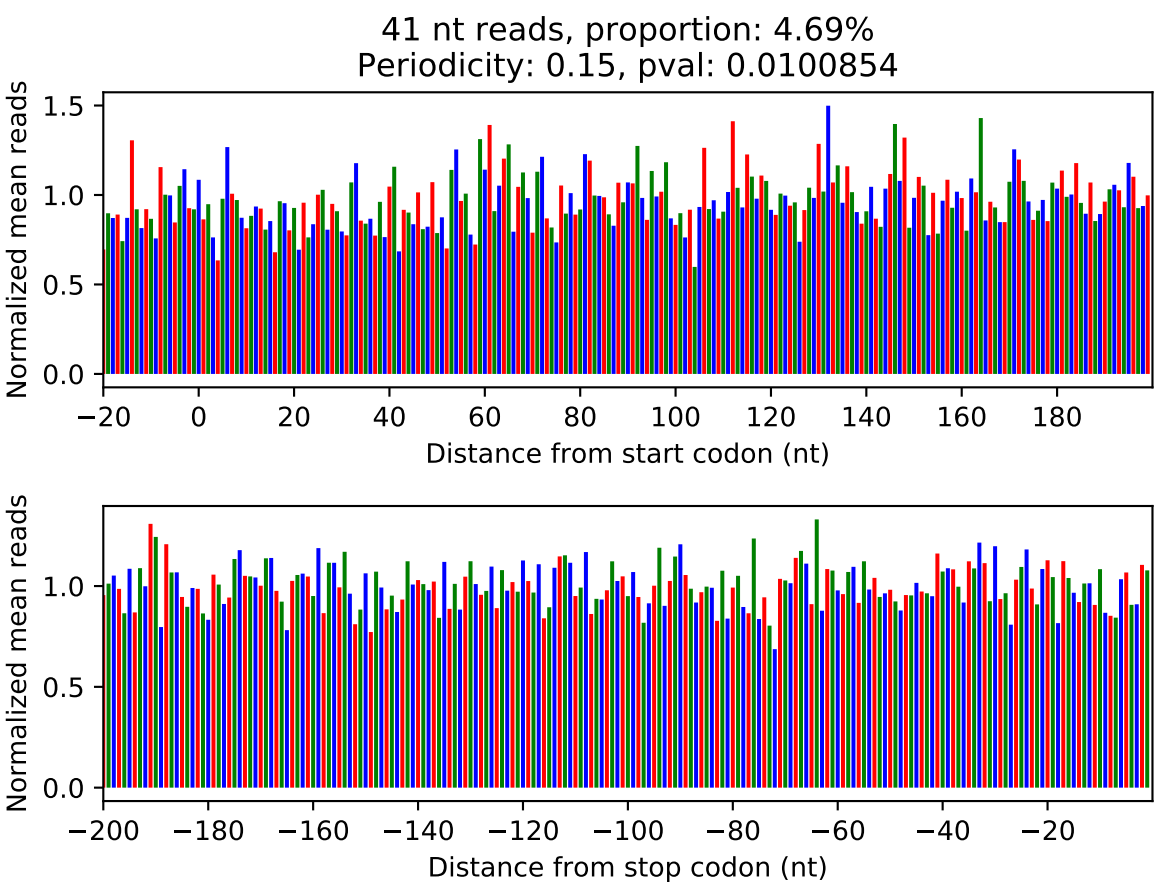

36 nt reads, proportion: 5.74%
Periodicity: 0.3, pval: 2.97717e-08
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

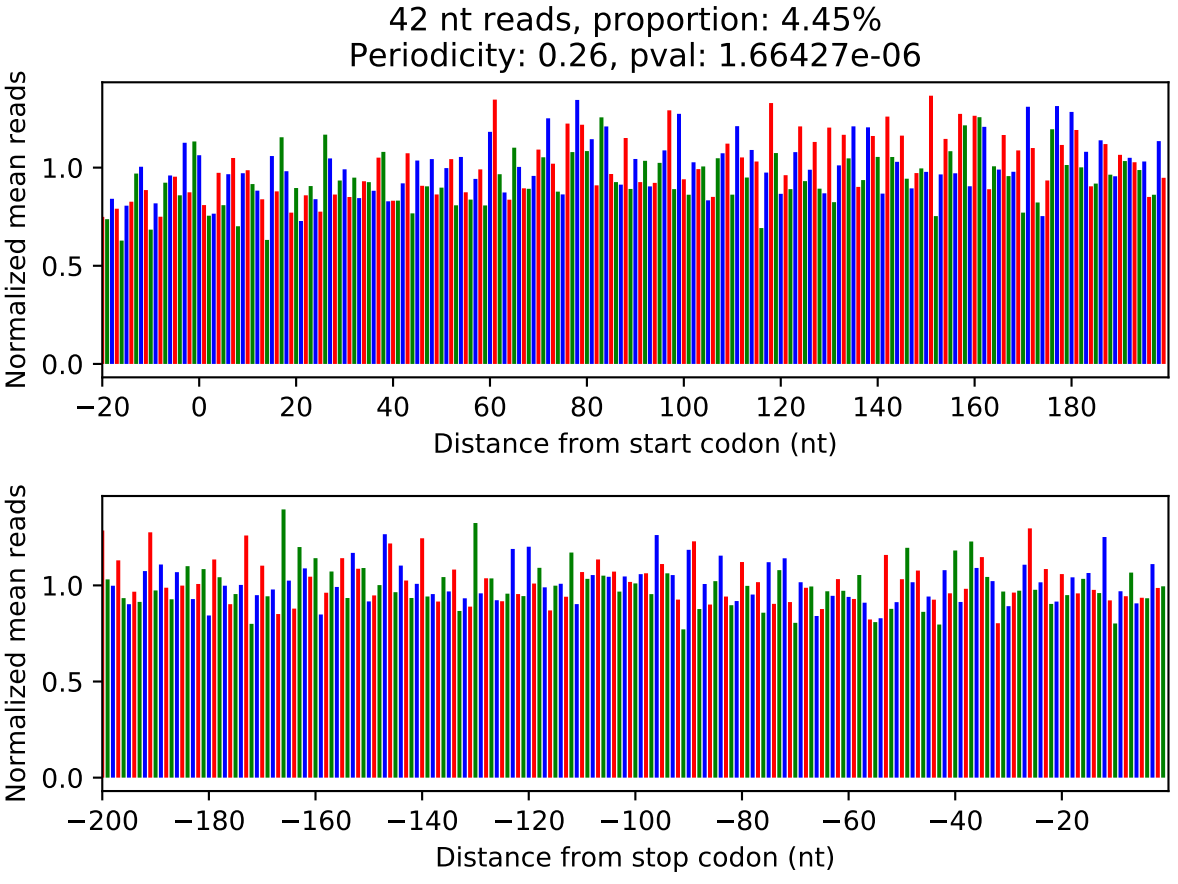

37 nt reads, proportion: 5.58%
Periodicity: 0.33, pval: 3.93993e-10
Normalized mean reads
1.5
1.0
0.5
0.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
1.0
0.5
0.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

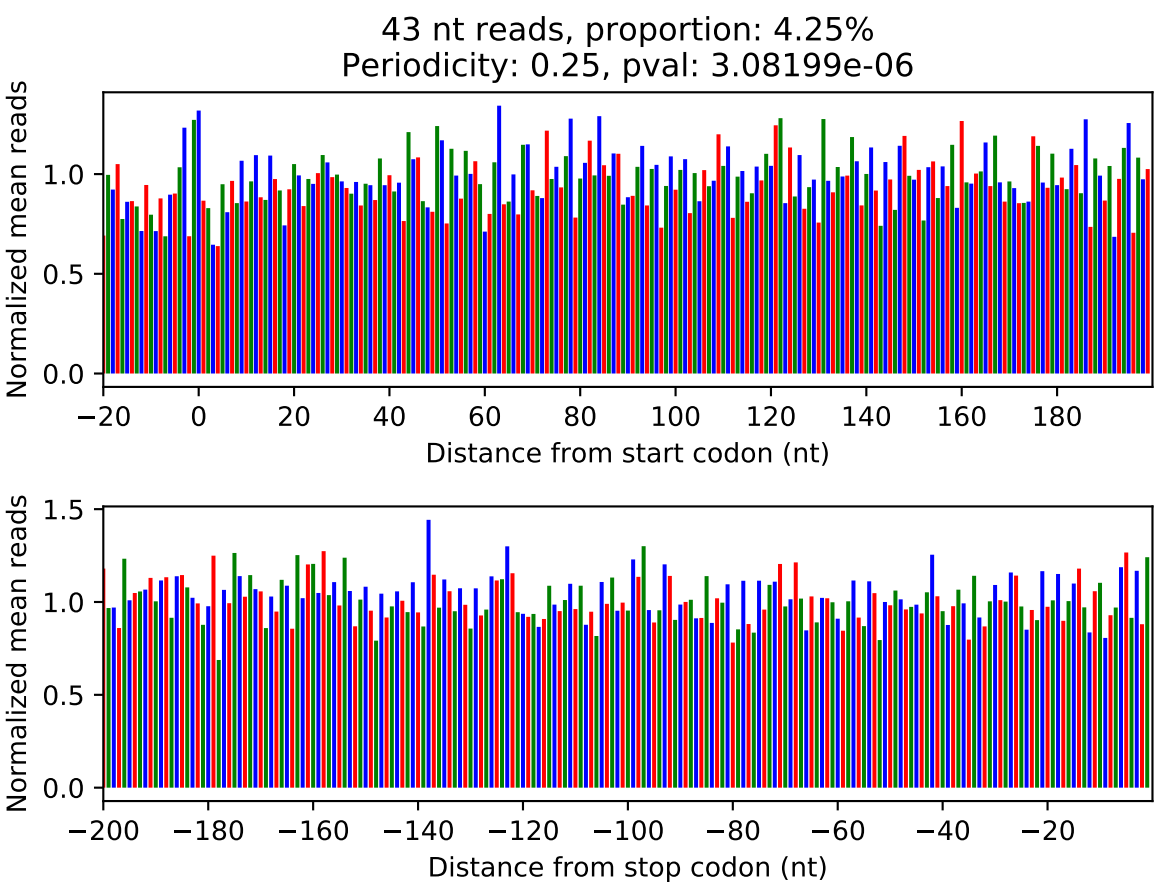

38 nt reads, proportion: 5.40%
Periodicity: 0.15, pval: 0.00825709
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

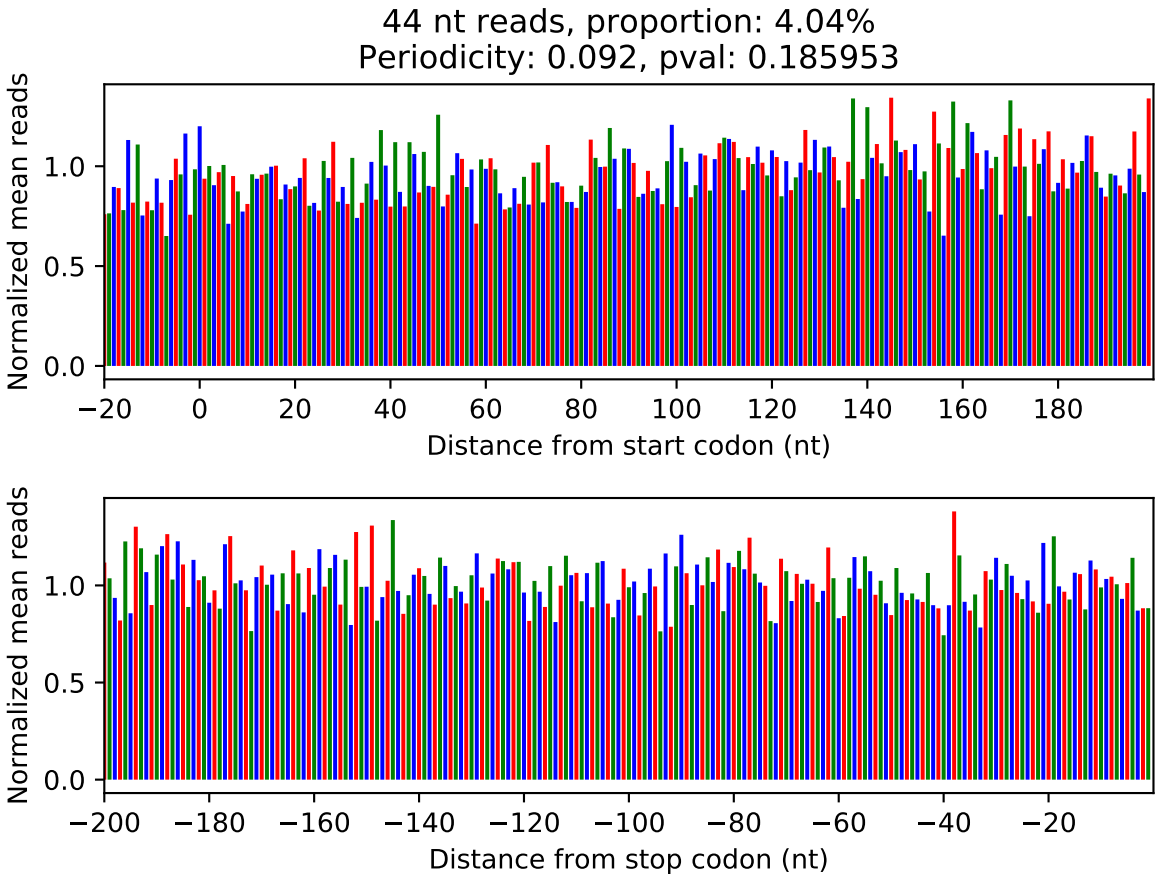

39 nt reads, proportion: 5.18%
Periodicity: 0.29, pval: 6.05024e-08
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

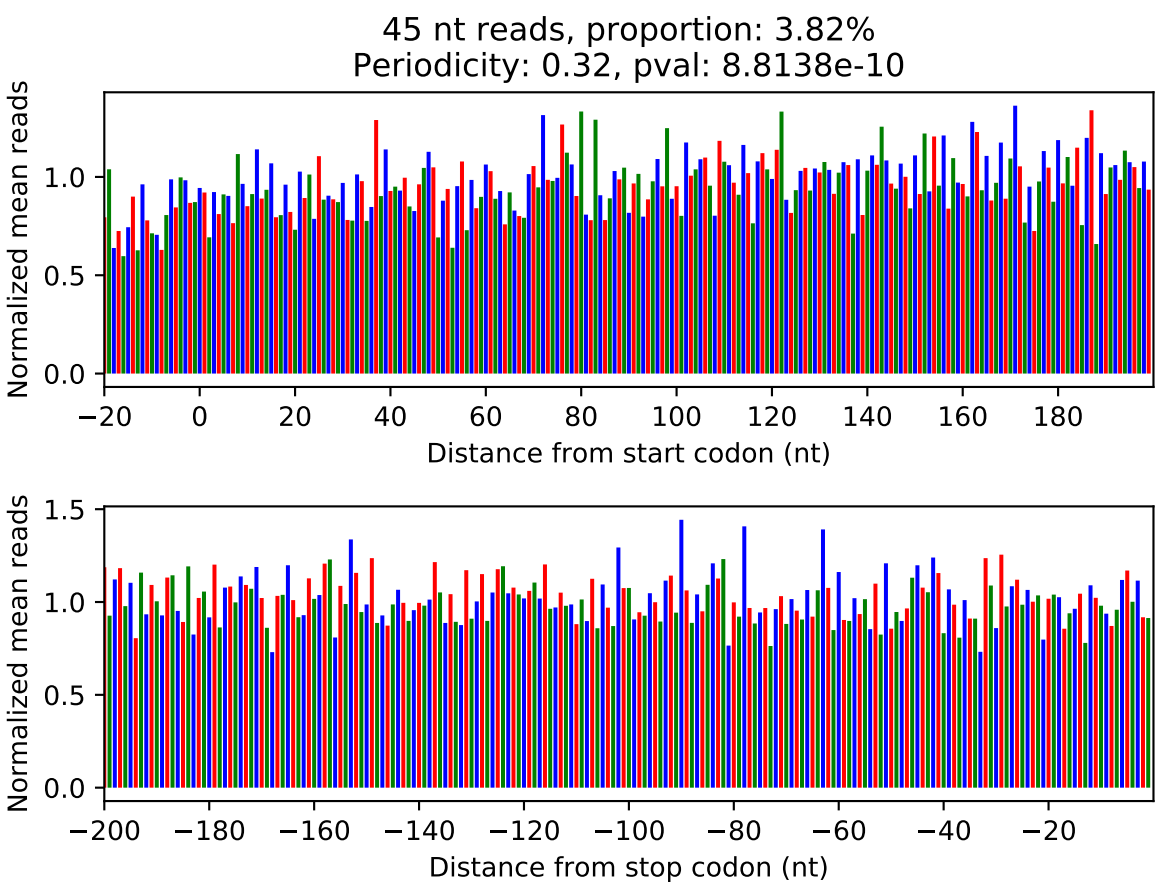

40 nt reads, proportion: 4.94%
Periodicity: 0.29, pval: 8.1524e-08
Normalized mean reads
1.5
1.0
0.5
0.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
1.5
1.0
0.5
0.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

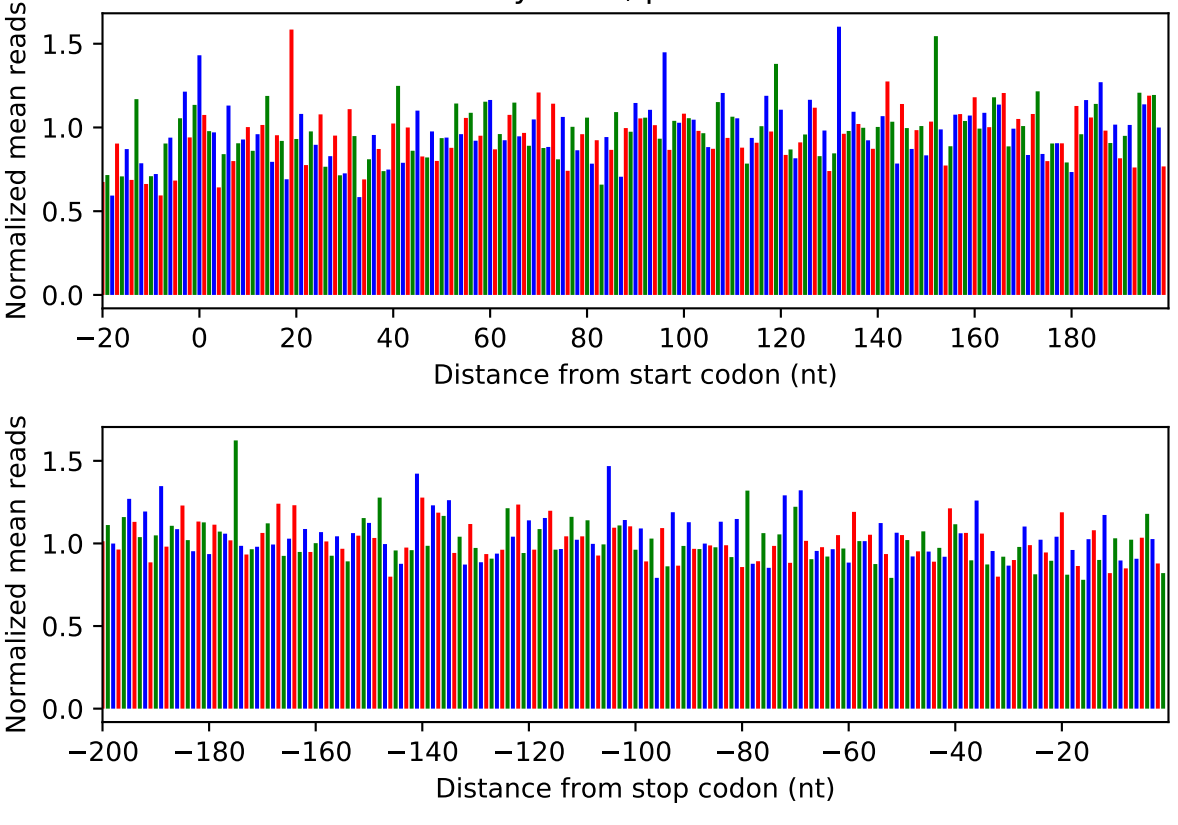

41 nt reads, proportion: 4.69%
Periodicity: 0.15, pval: 0.0100854
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

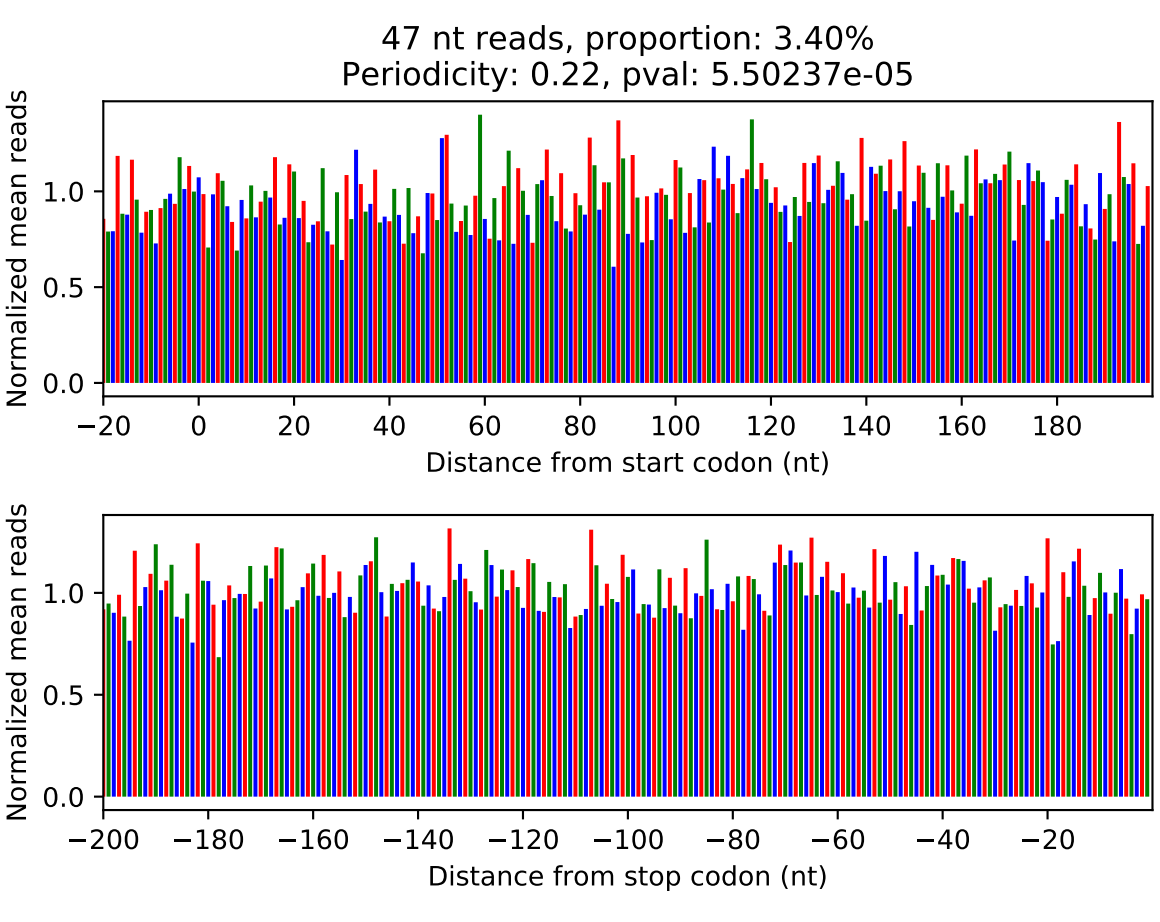

42 nt reads, proportion: 4.45%
Periodicity: 0.26, pval: 1.66427e-06
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

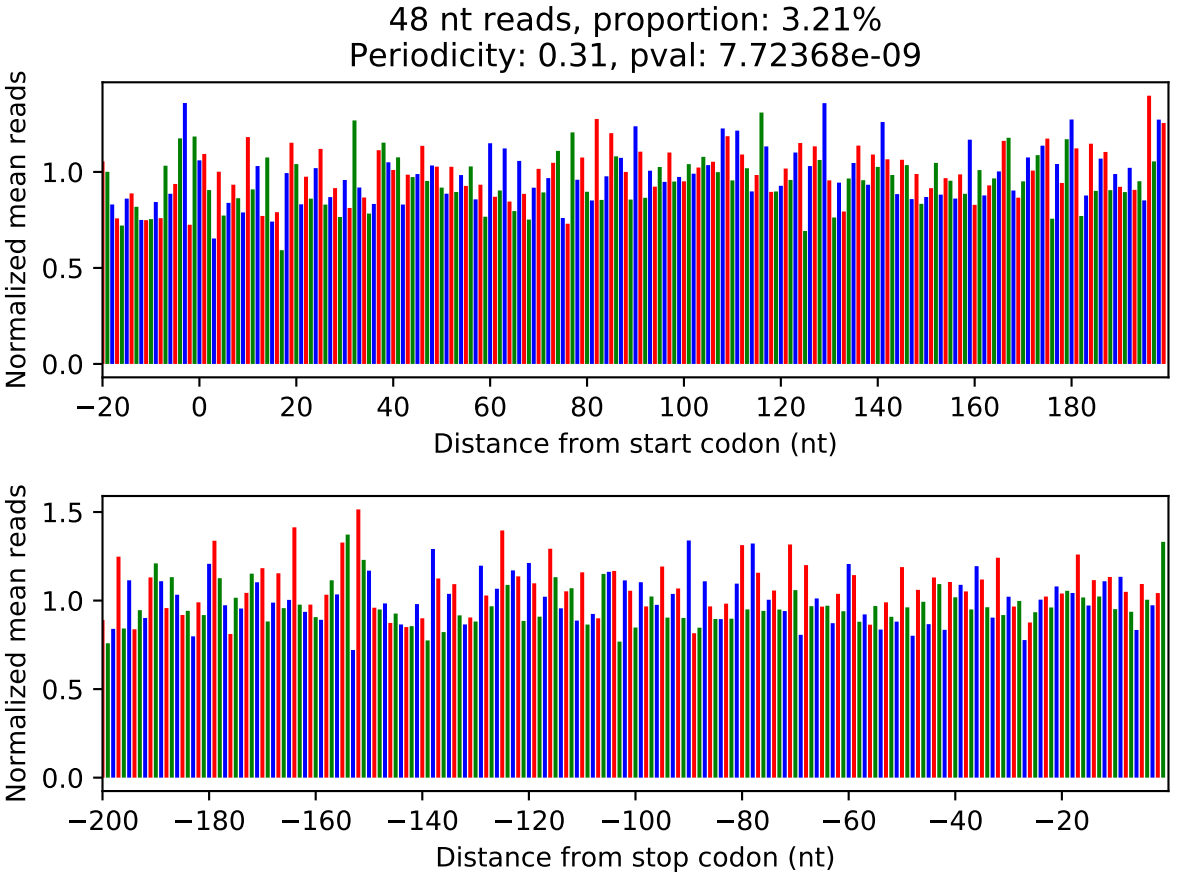

43 nt reads, proportion: 4.25%
Periodicity: 0.25, pval: 3.08199e-06
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

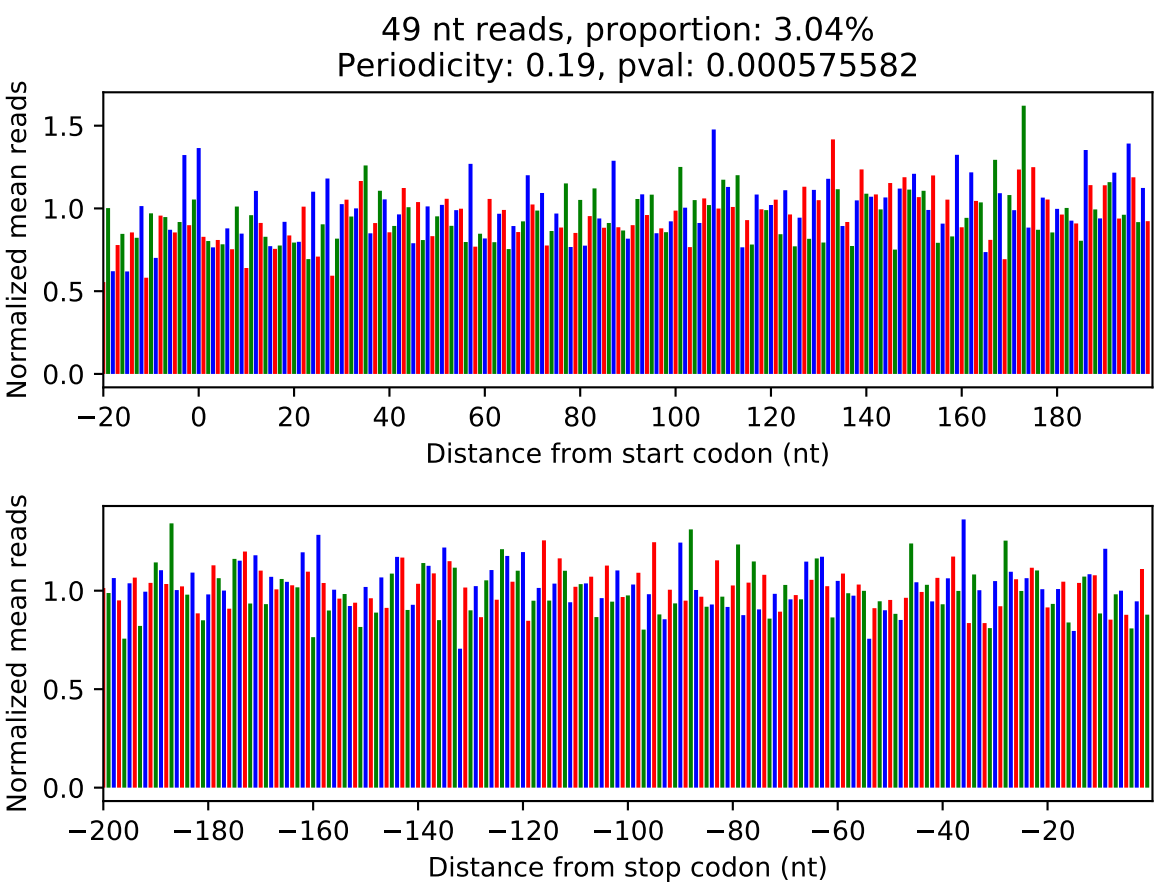

44 nt reads, proportion: 4.04%
Periodicity: 0.092, pval: 0.185953
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

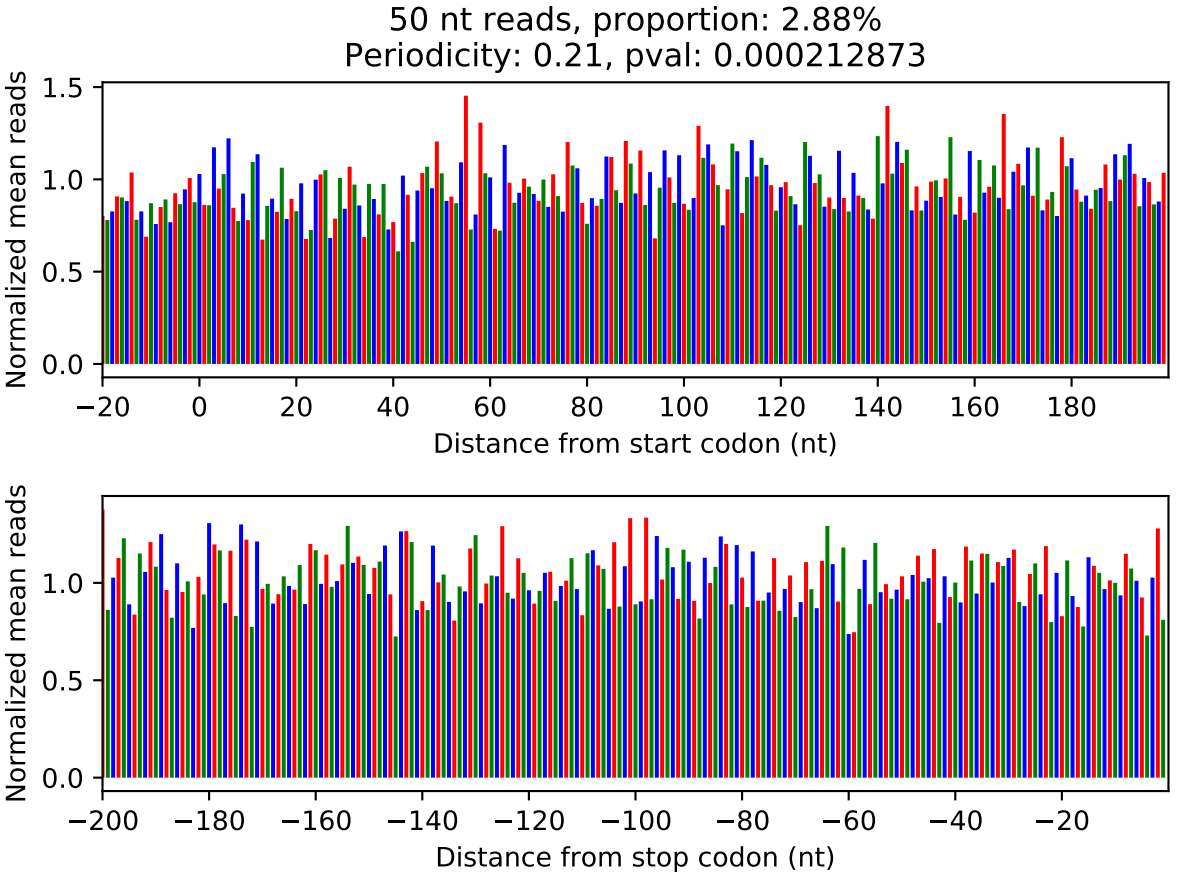

45 nt reads, proportion: 3.82%
Periodicity: 0.32, pval: 8.8138e-10
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

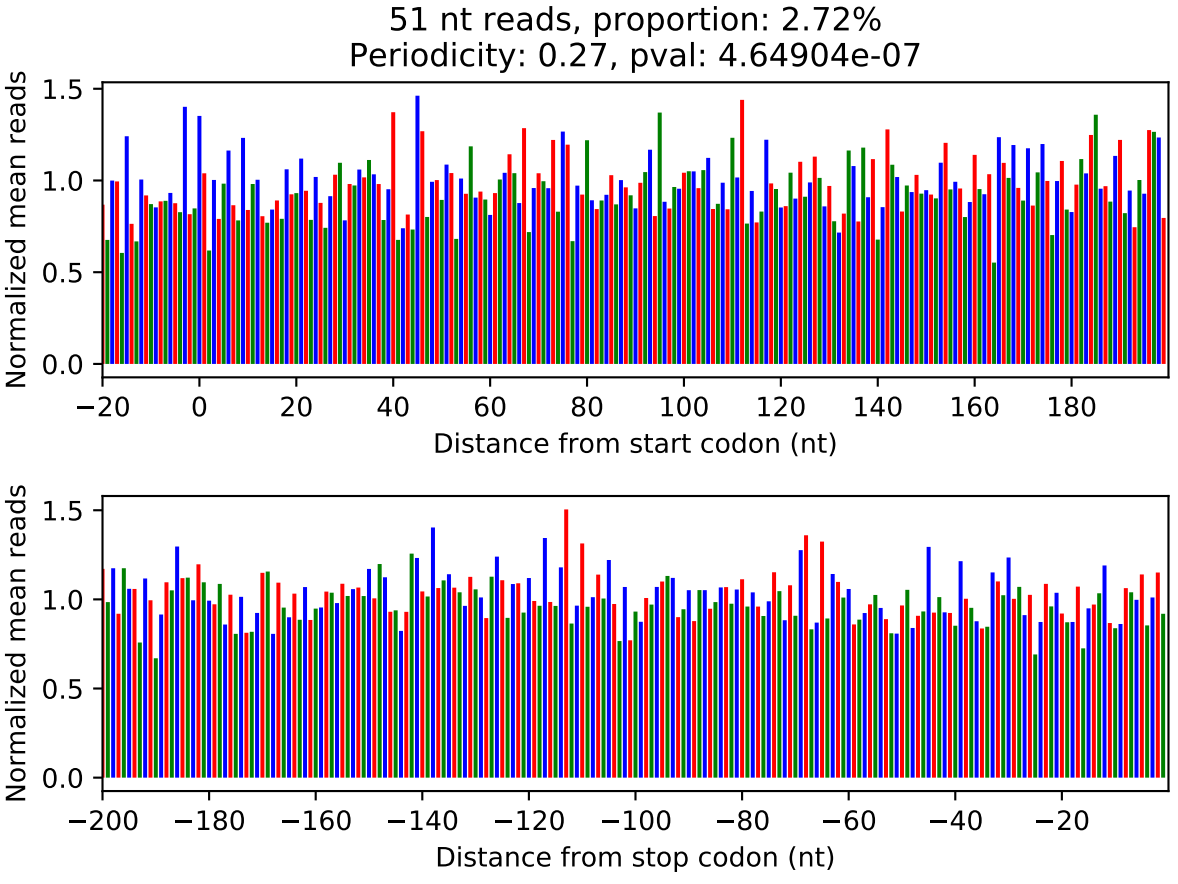

46 nt reads, proportion: 3.62%
Periodicity: 0.14, pval: 0.0154465
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

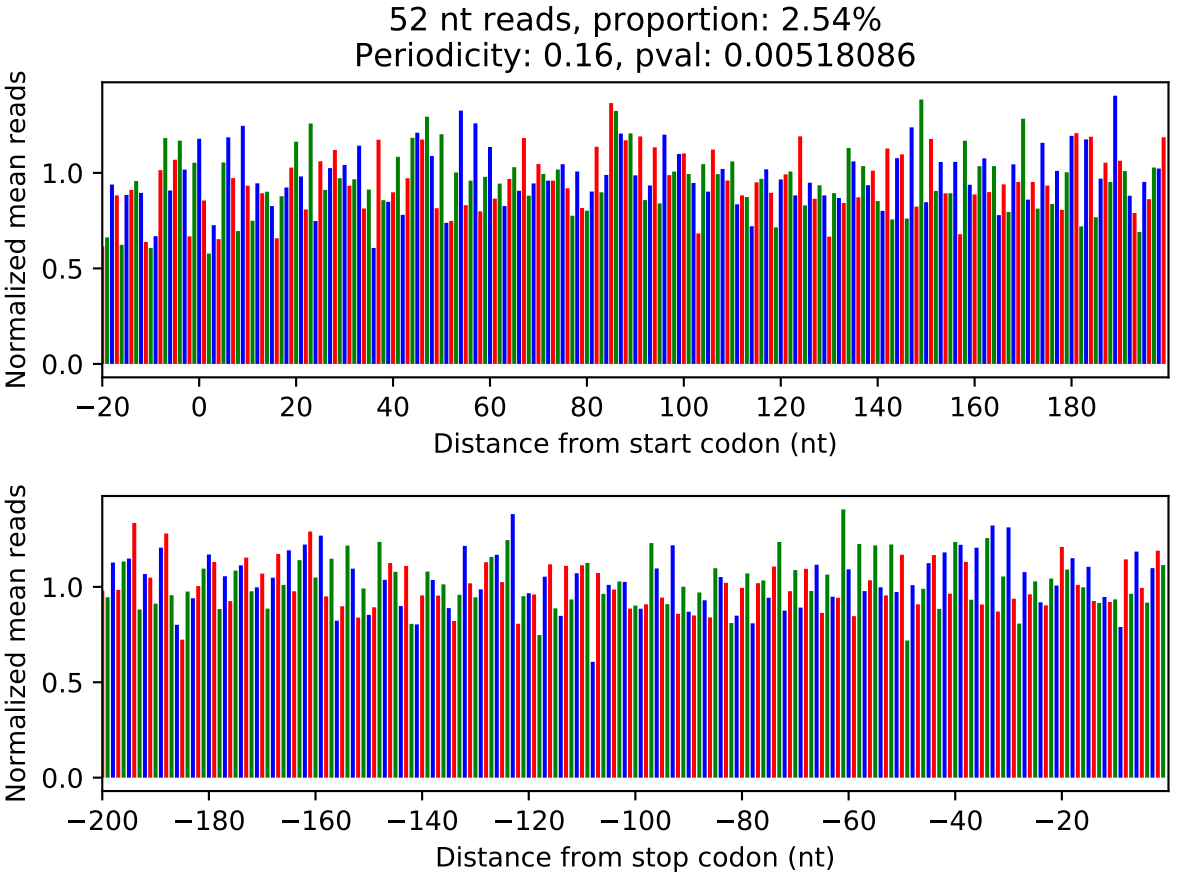

47 nt reads, proportion: 3.40%
Periodicity: 0.22, pval: 5.50237e-05
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

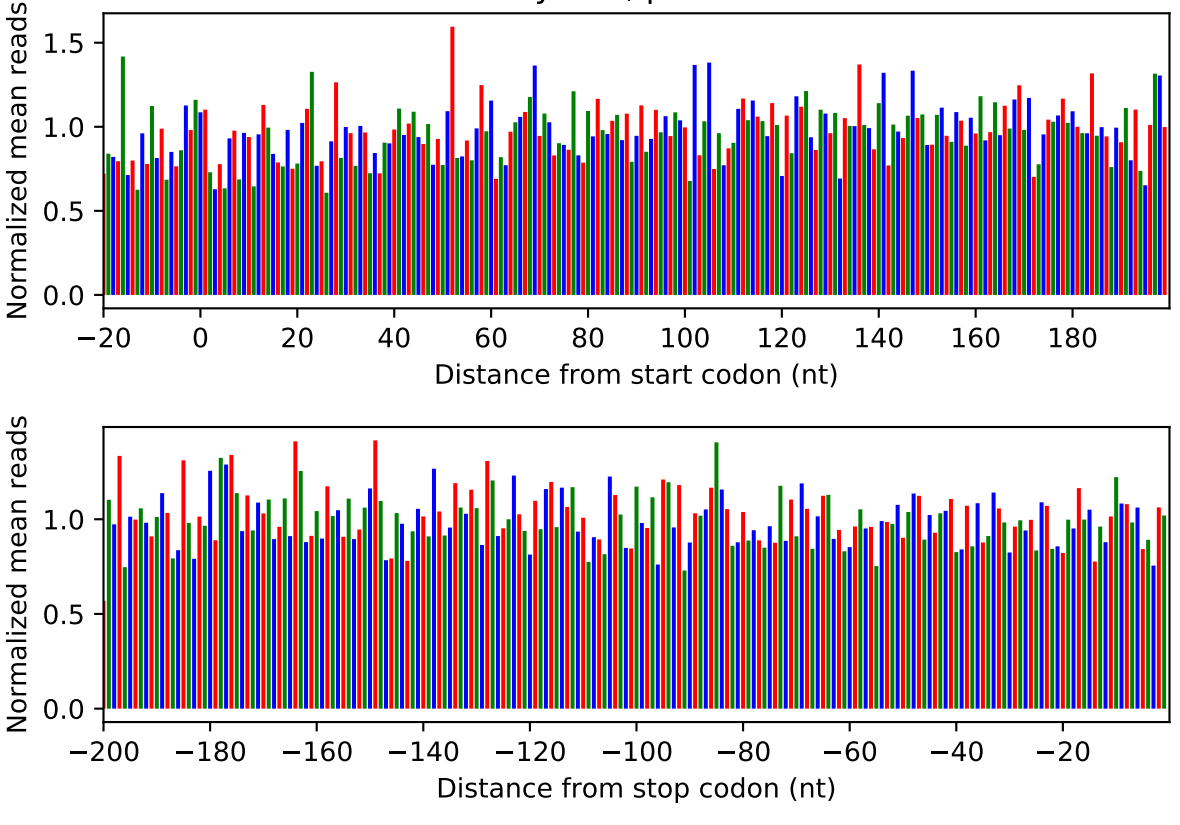

48 nt reads, proportion: 3.21%
Periodicity: 0.31, pval: 7.72368e-09
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

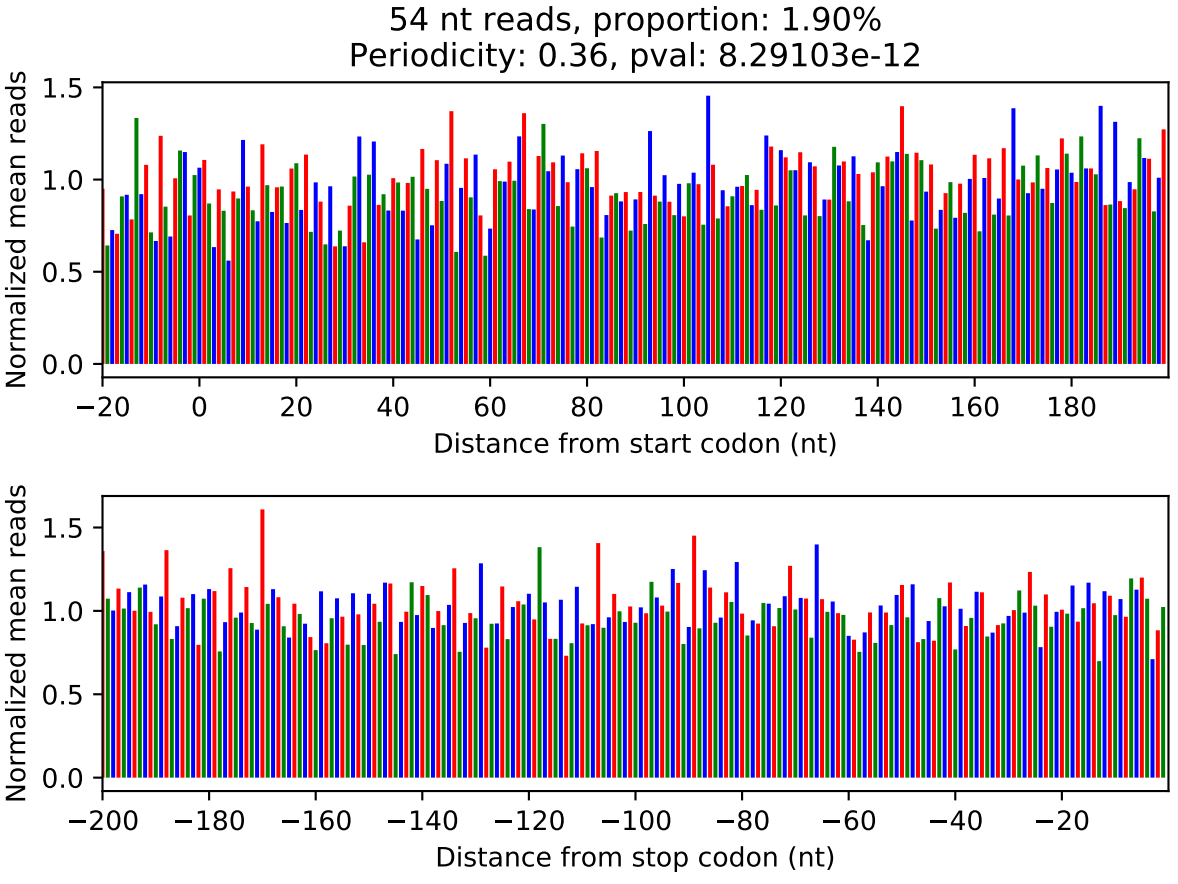

49 nt reads, proportion: 3.04%
Periodicity: 0.19, pval: 0.000575582
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

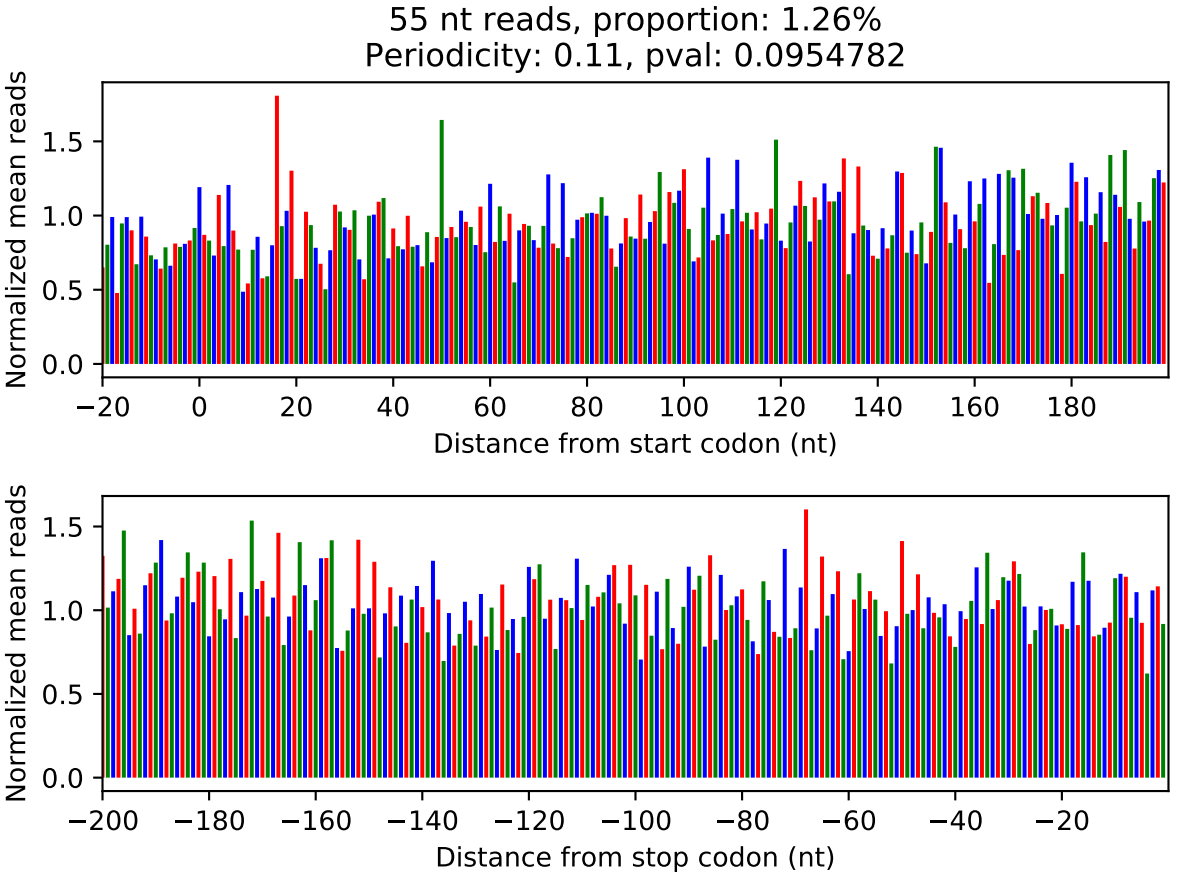

50 nt reads, proportion: 2.88%
Periodicity: 0.21, pval: 0.000212873
Normalized mean reads
1.5
1.0
0.5
0.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
1.0
0.5
0.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


51 nt reads, proportion: 2.72%
Periodicity: 0.27, pval: 4.64904e-07
Normalized mean reads
1.5
1.0
0.5
0.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
1.5
1.0
0.5
0.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


52 nt reads, proportion: 2.54%
Periodicity: 0.16, pval: 0.00518086
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


53 nt reads, proportion: 2.31%
Periodicity: 0.1, pval: 0.132872
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


54 nt reads, proportion: 1.90%
Periodicity: 0.36, pval: 8.29103e-12
Normalized mean reads
1.5
1.0
0.5
0.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
1.5
1.0
0.5
0.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


55 nt reads, proportion: 1.26%
Periodicity: 0.11, pval: 0.0954782
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)