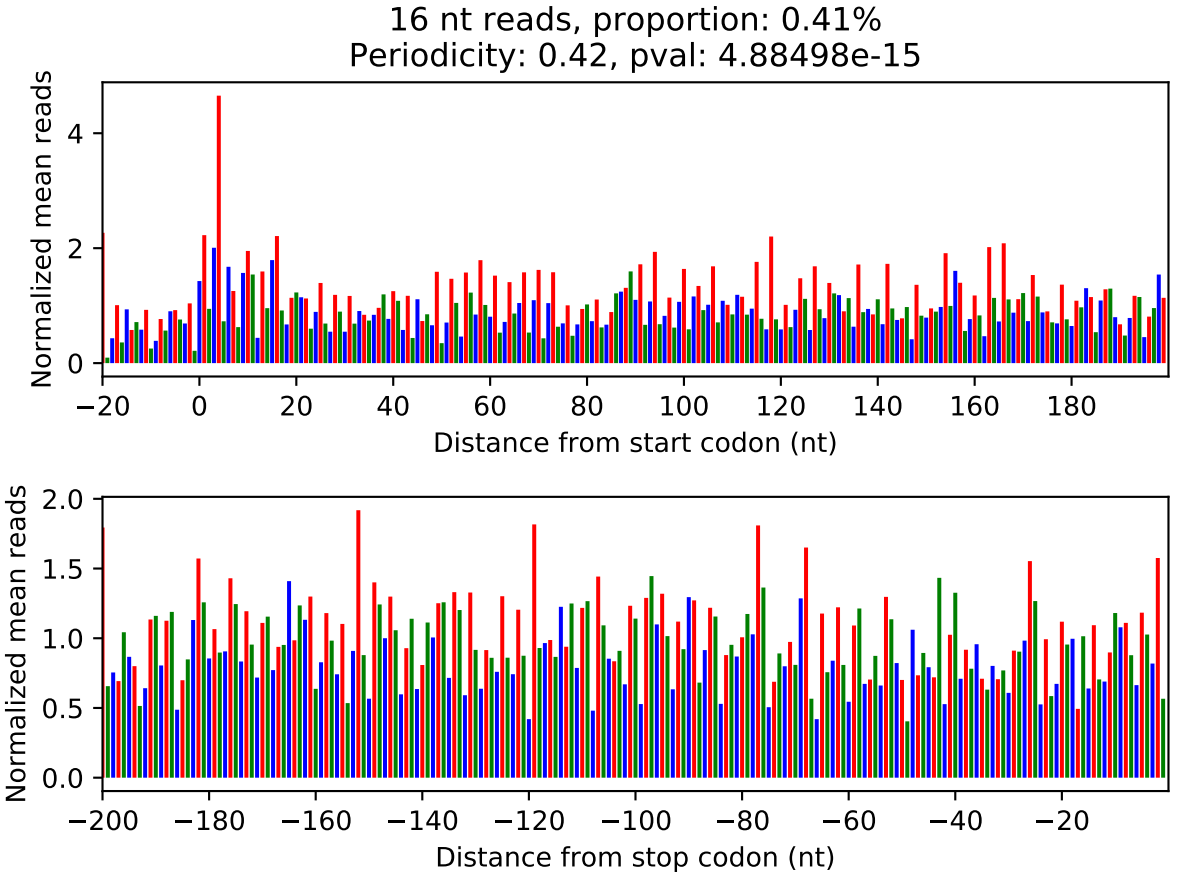
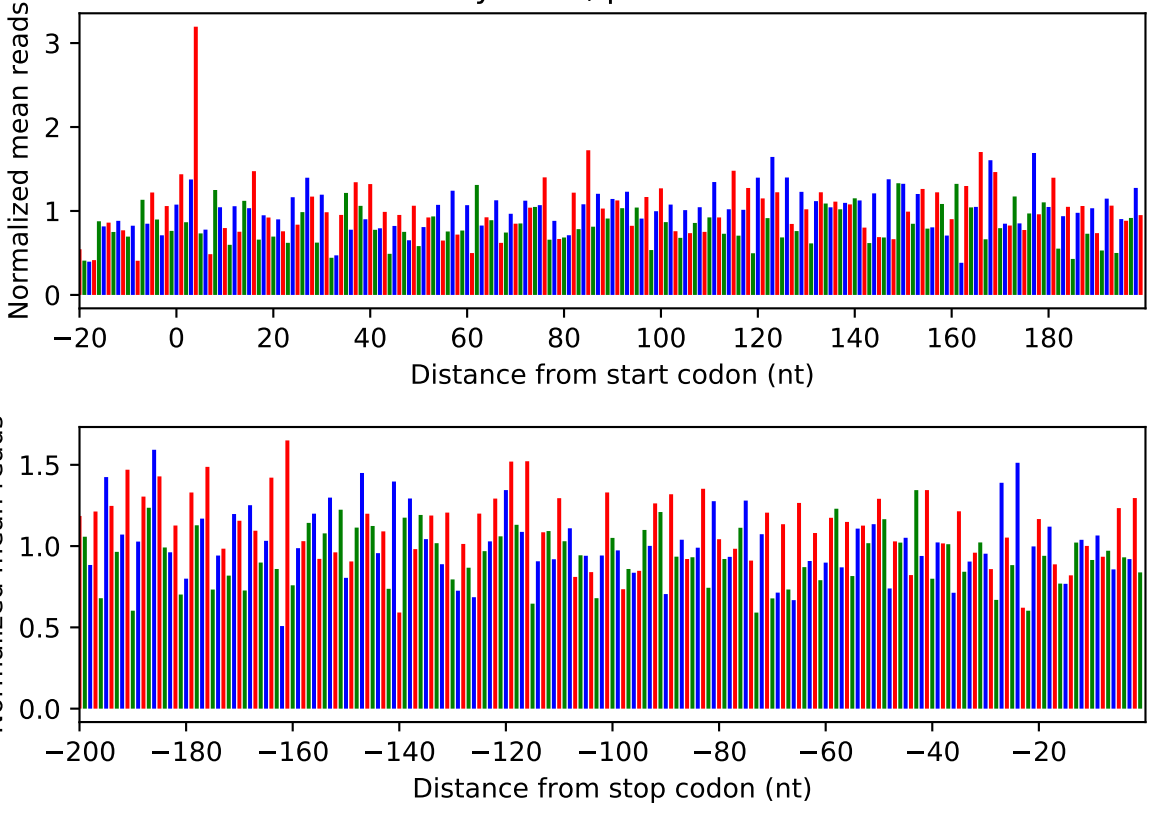
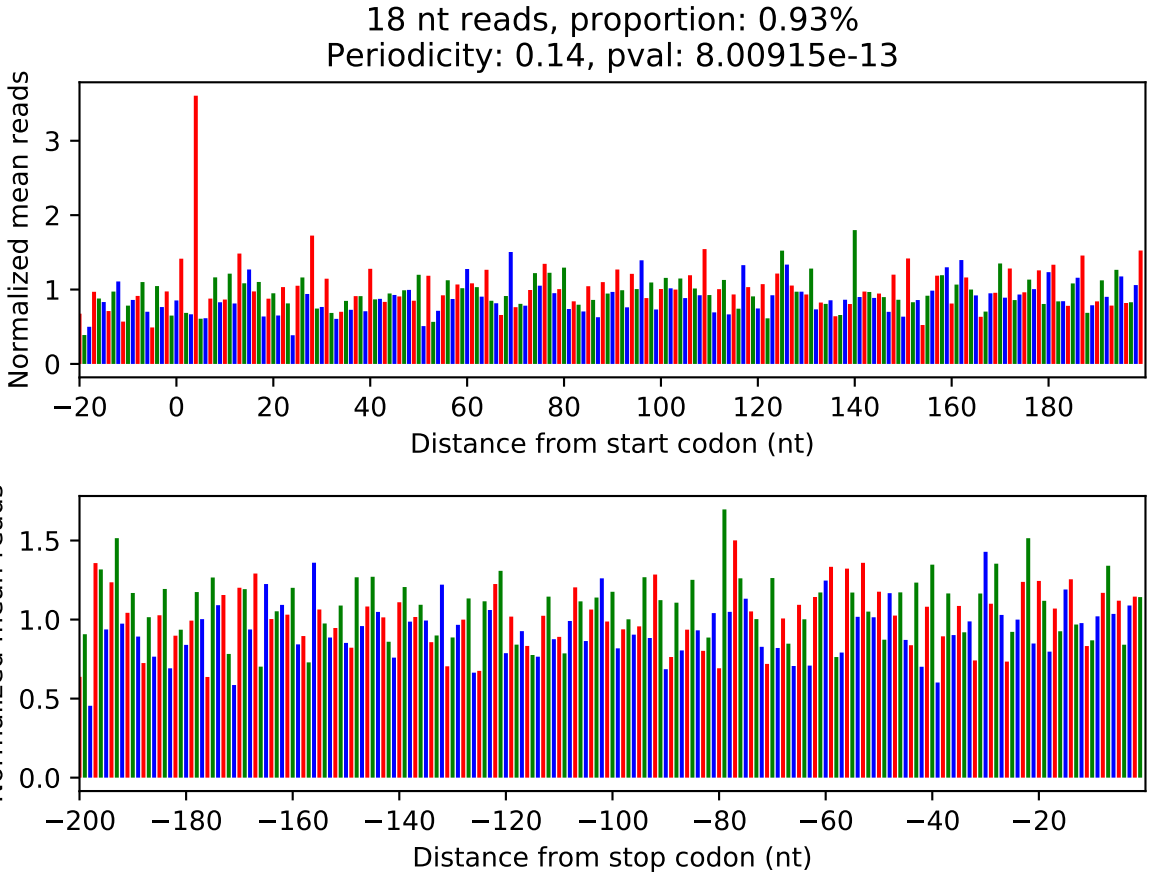
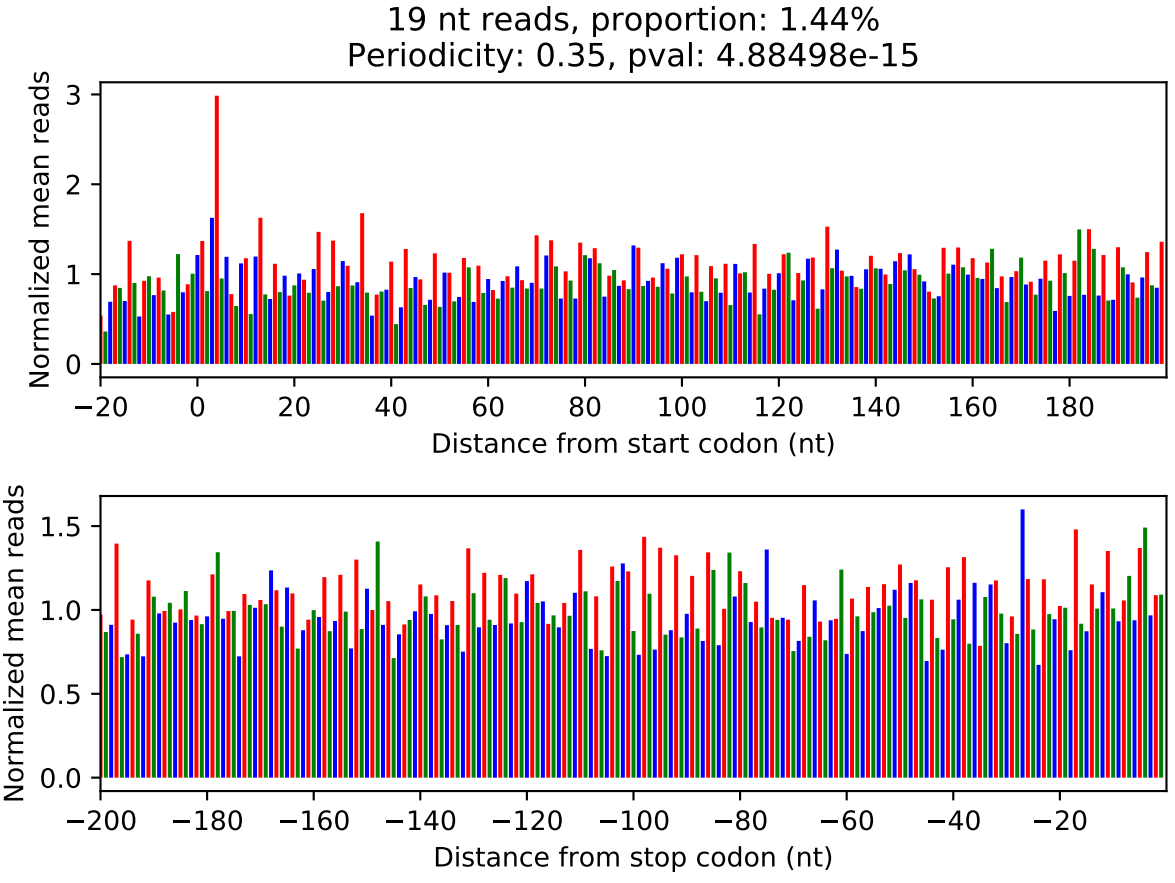
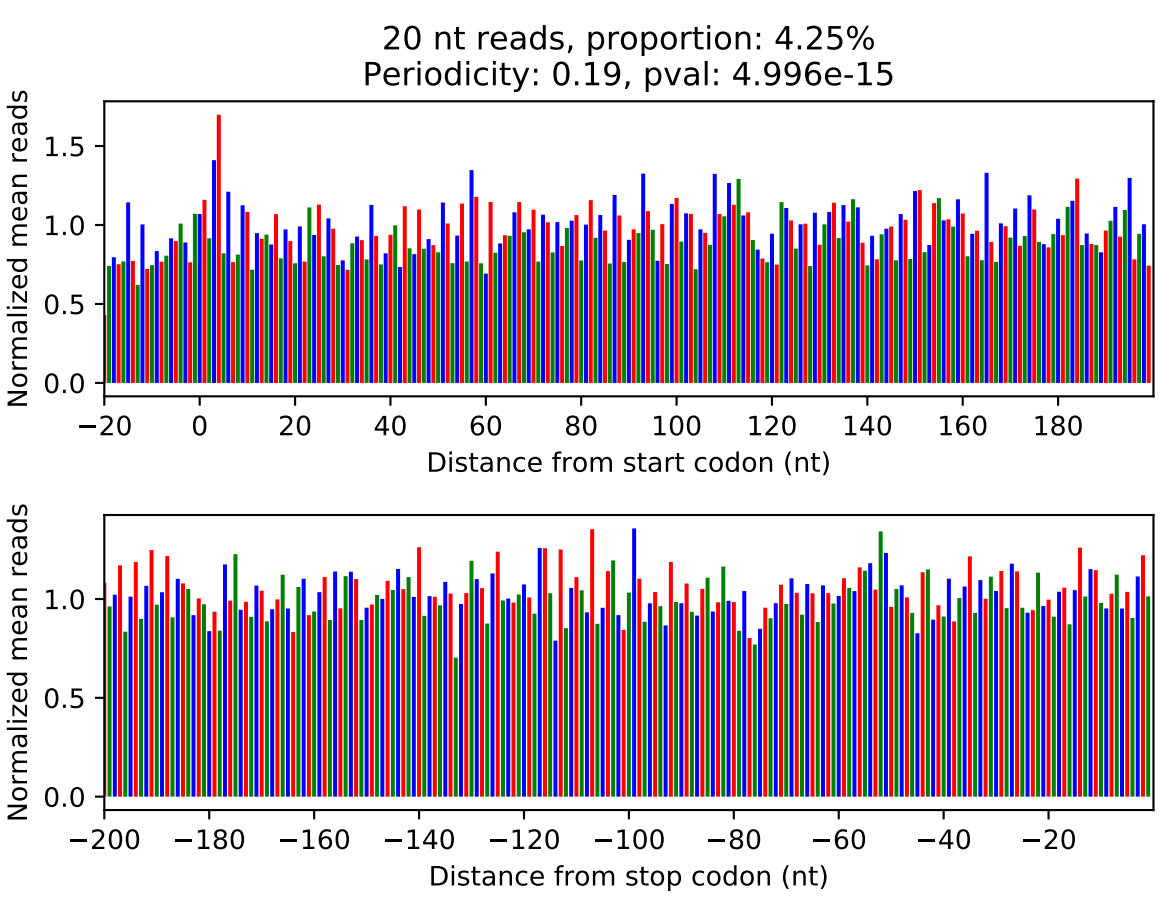
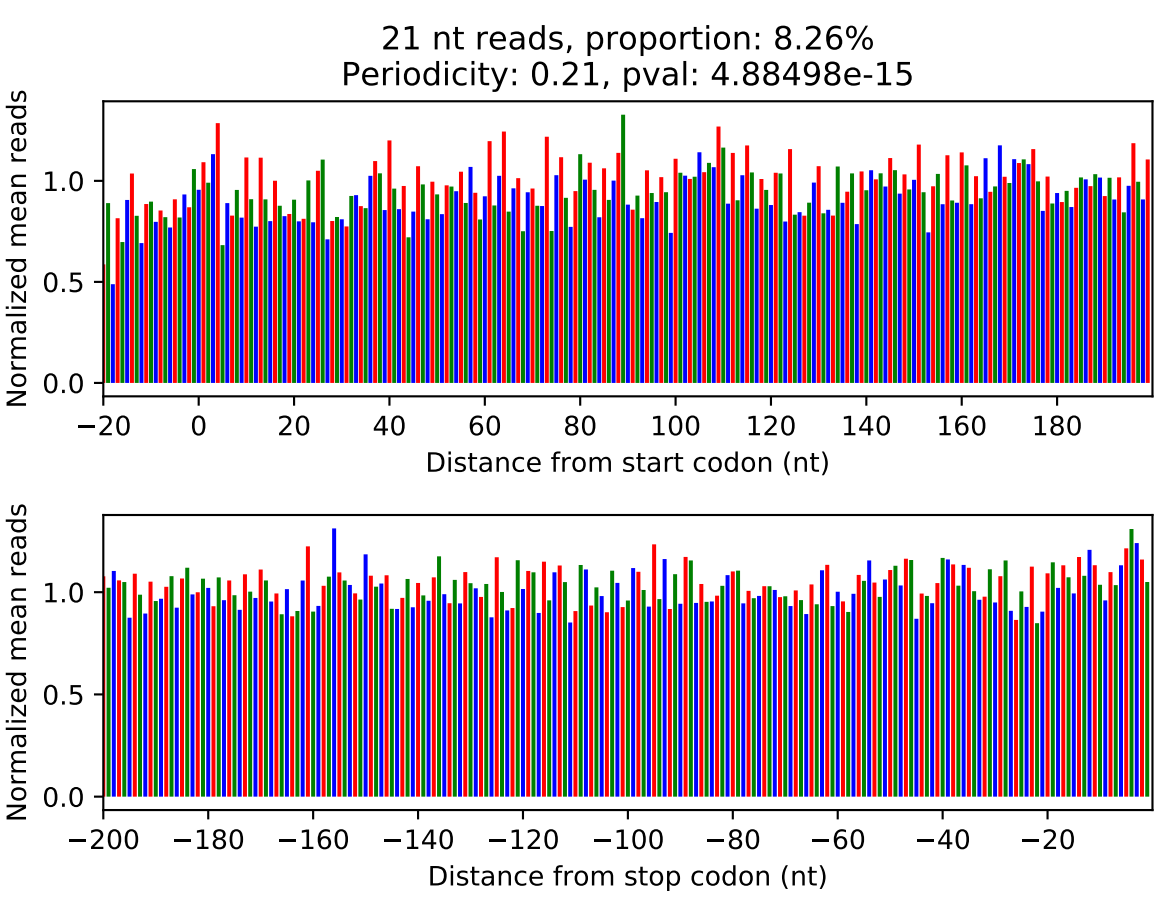

16 nt reads, proportion: 0.41%
Periodicity: 0.42, pval: 4.88498e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

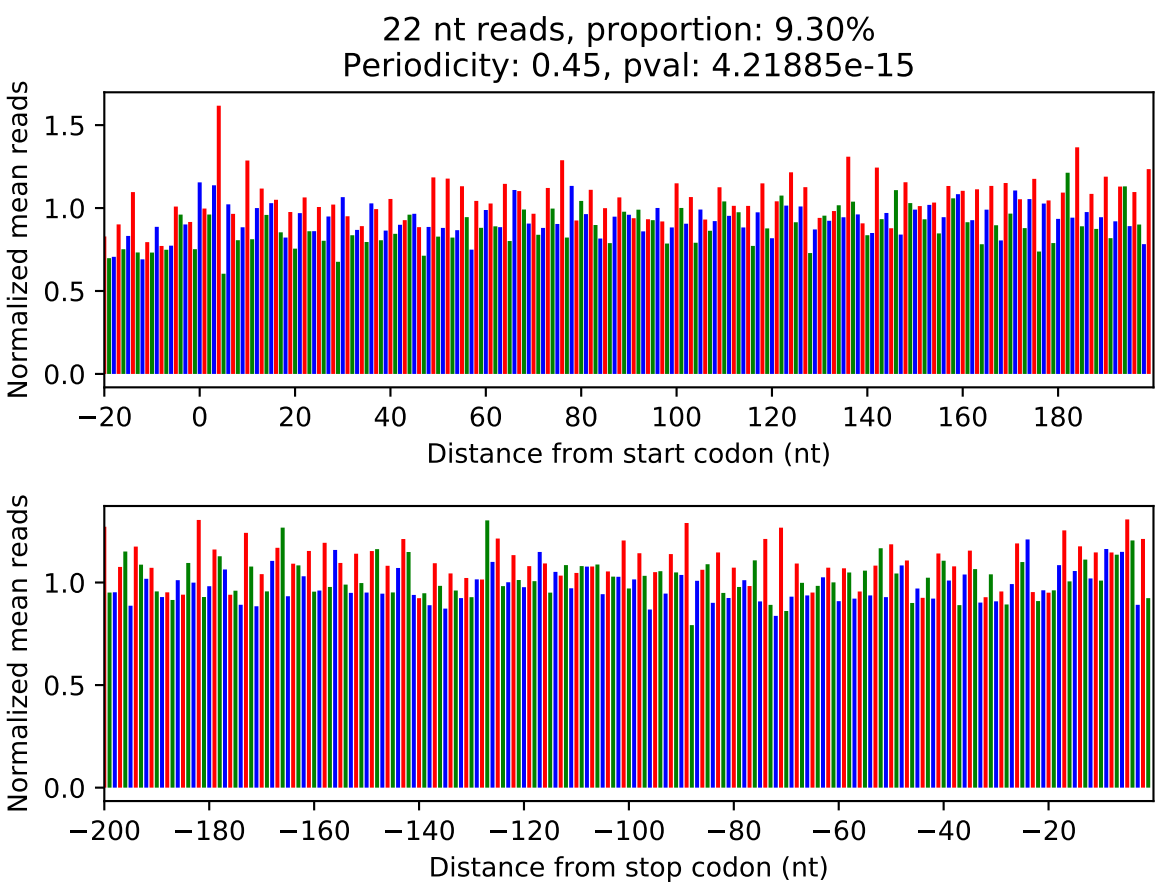

17 nt reads, proportion: 0.69%
Periodicity: 0.13, pval: 1.53961e-11
Normalized mean reads
0
1
2
3
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

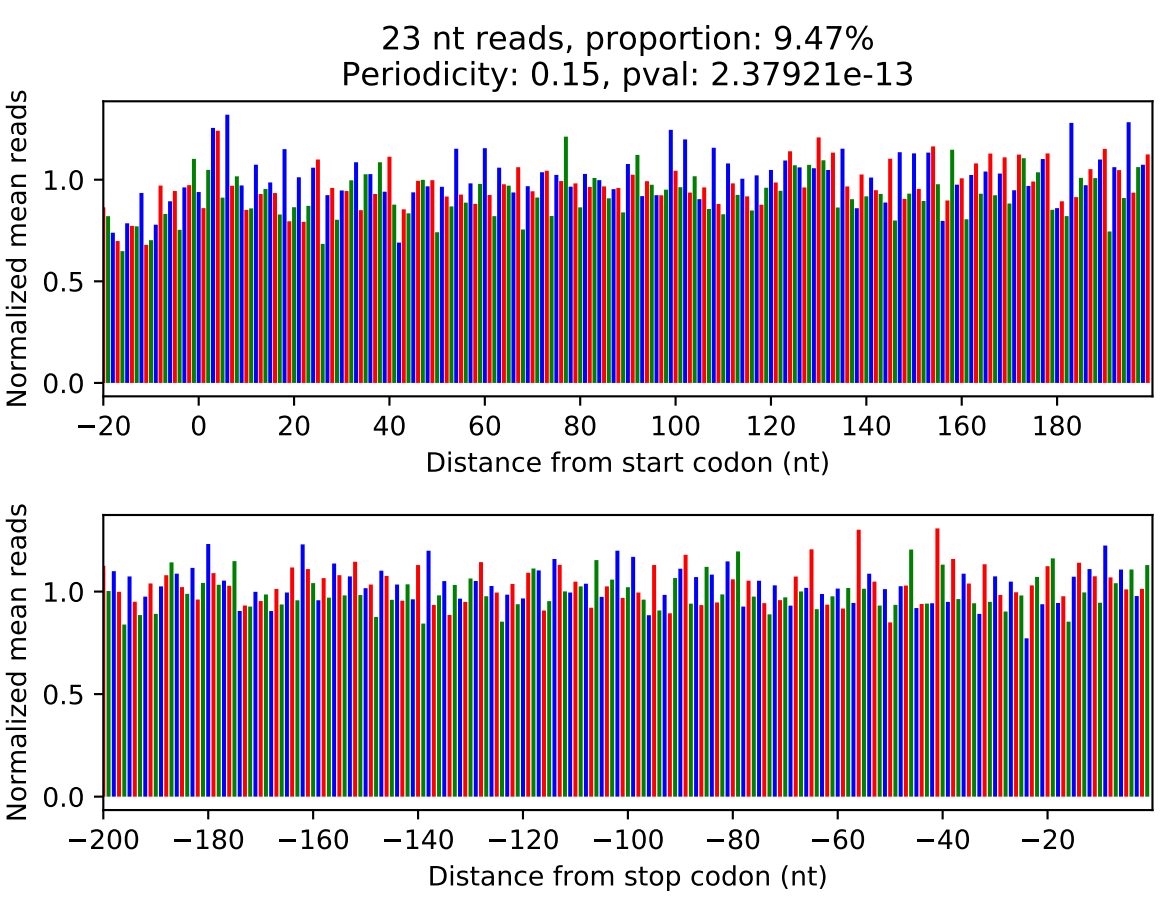

18 nt reads, proportion: 0.93%
Periodicity: 0.14, pval: 8.00915e-13
Normalized mean reads
0
1
2
3
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

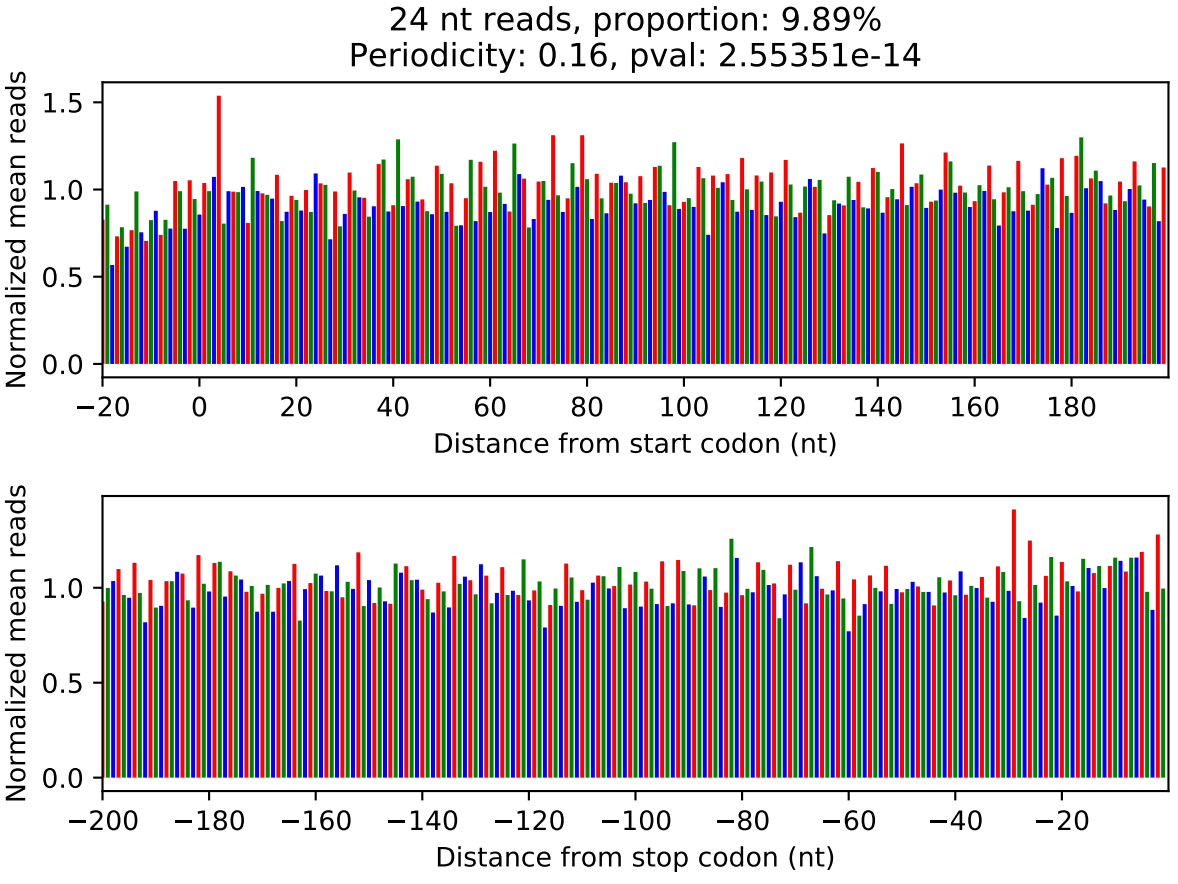

19 nt reads, proportion: 1.44%
Periodicity: 0.35, pval: 4.88498e-15
Normalized mean reads
0
1
2
3
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

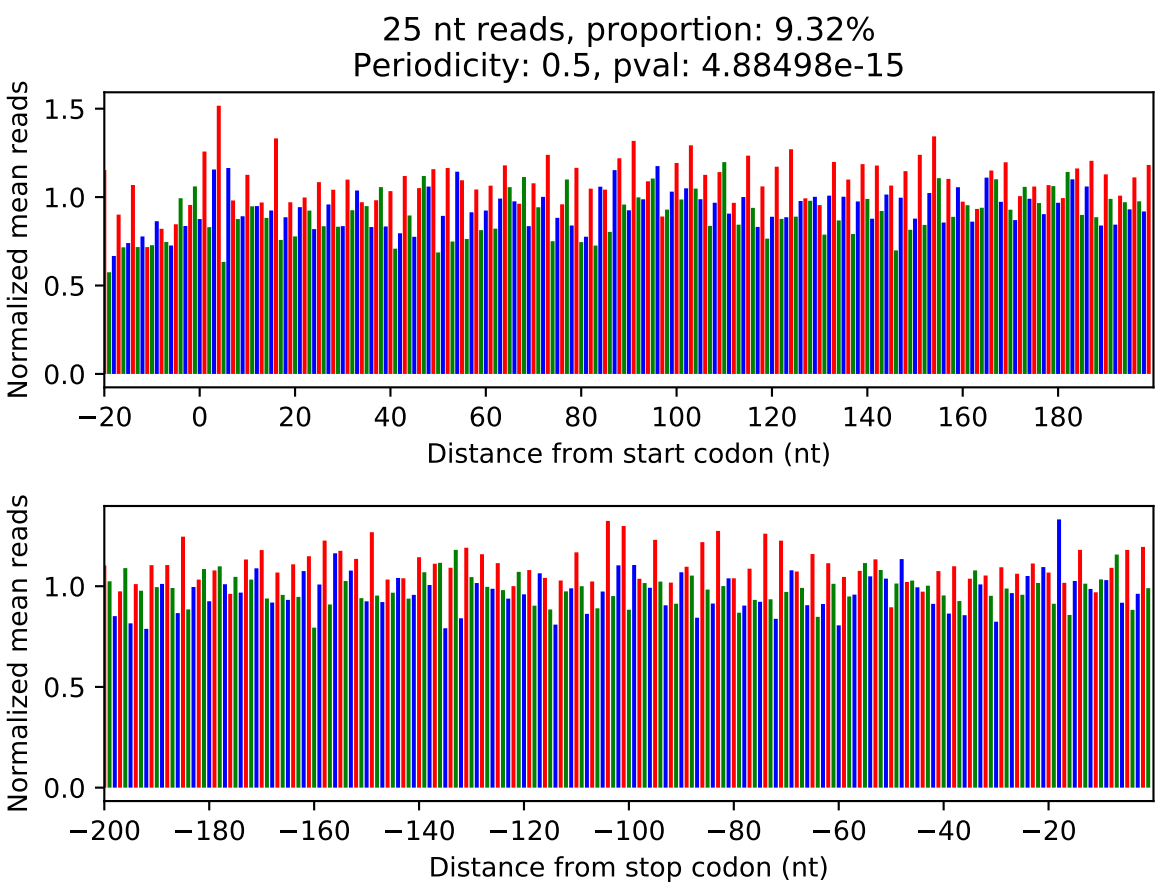

20 nt reads, proportion: 4.25%
Periodicity: 0.19, pval: 4.996e-15
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

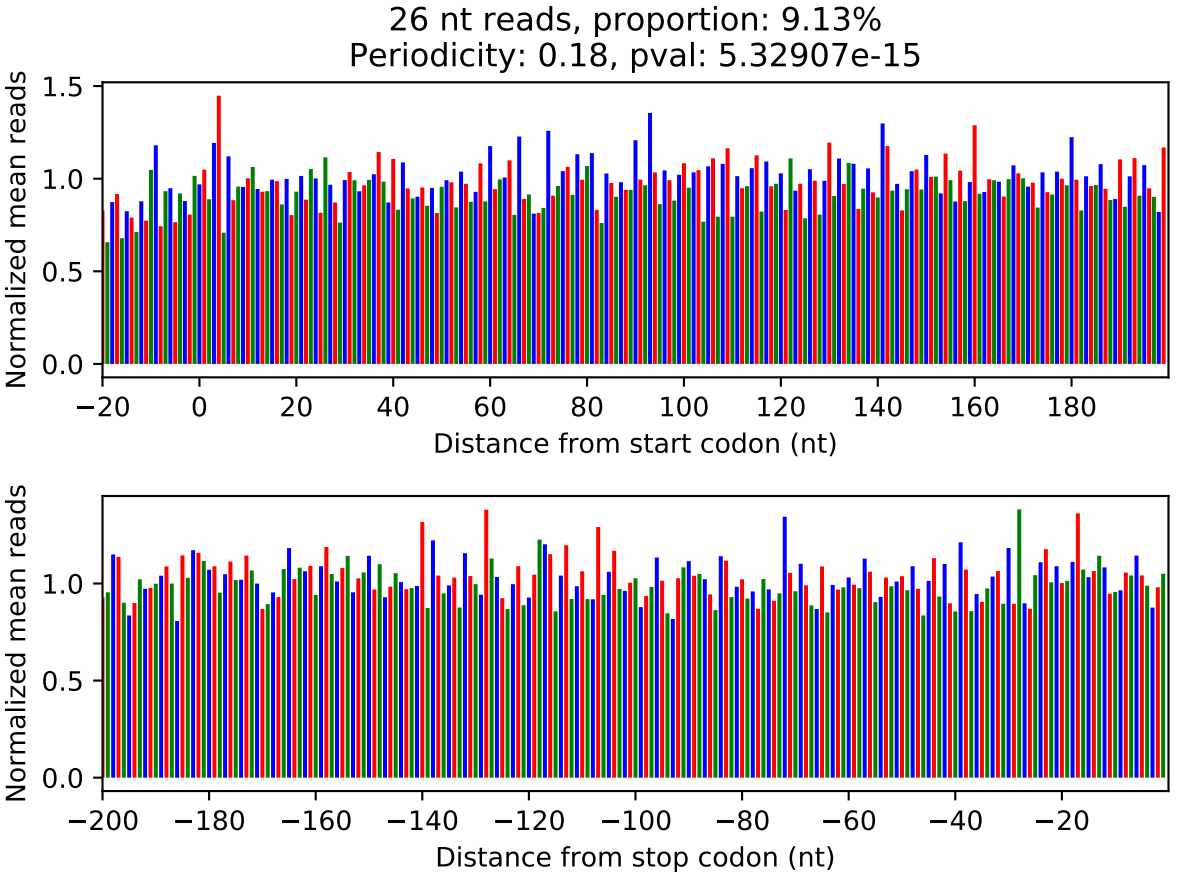

21 nt reads, proportion: 8.26%
Periodicity: 0.21, pval: 4.88498e-15
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

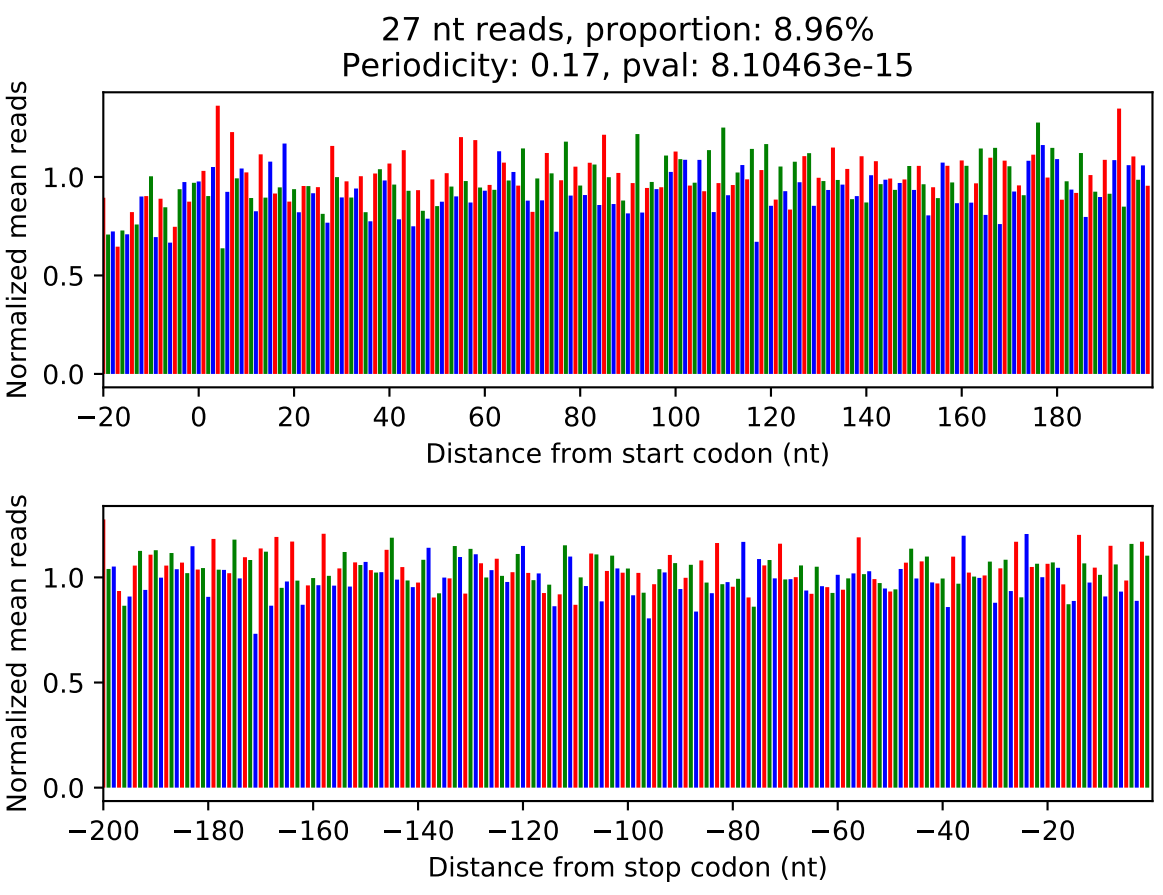

22 nt reads, proportion: 9.30%
Periodicity: 0.45, pval: 4.21885e-15
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

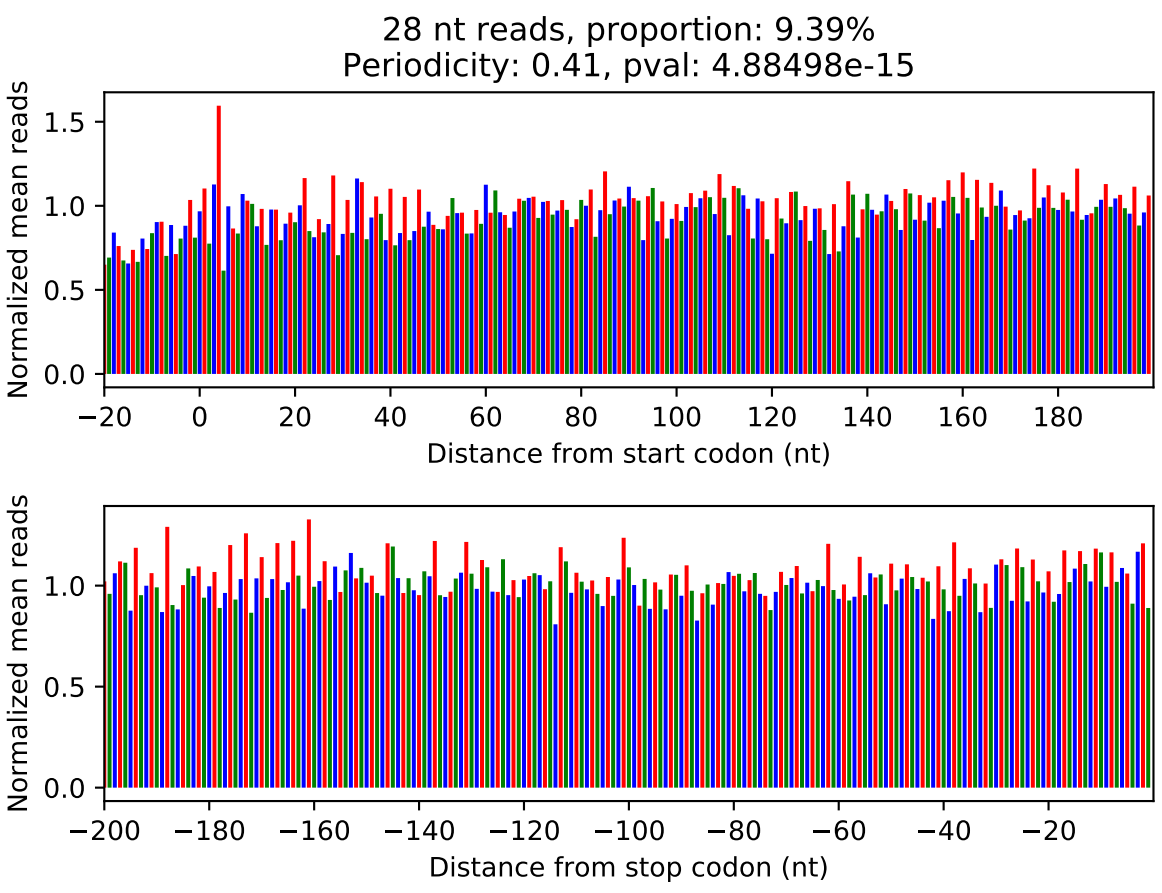

23 nt reads, proportion: 9.47%
Periodicity: 0.15, pval: 2.37921e-13
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

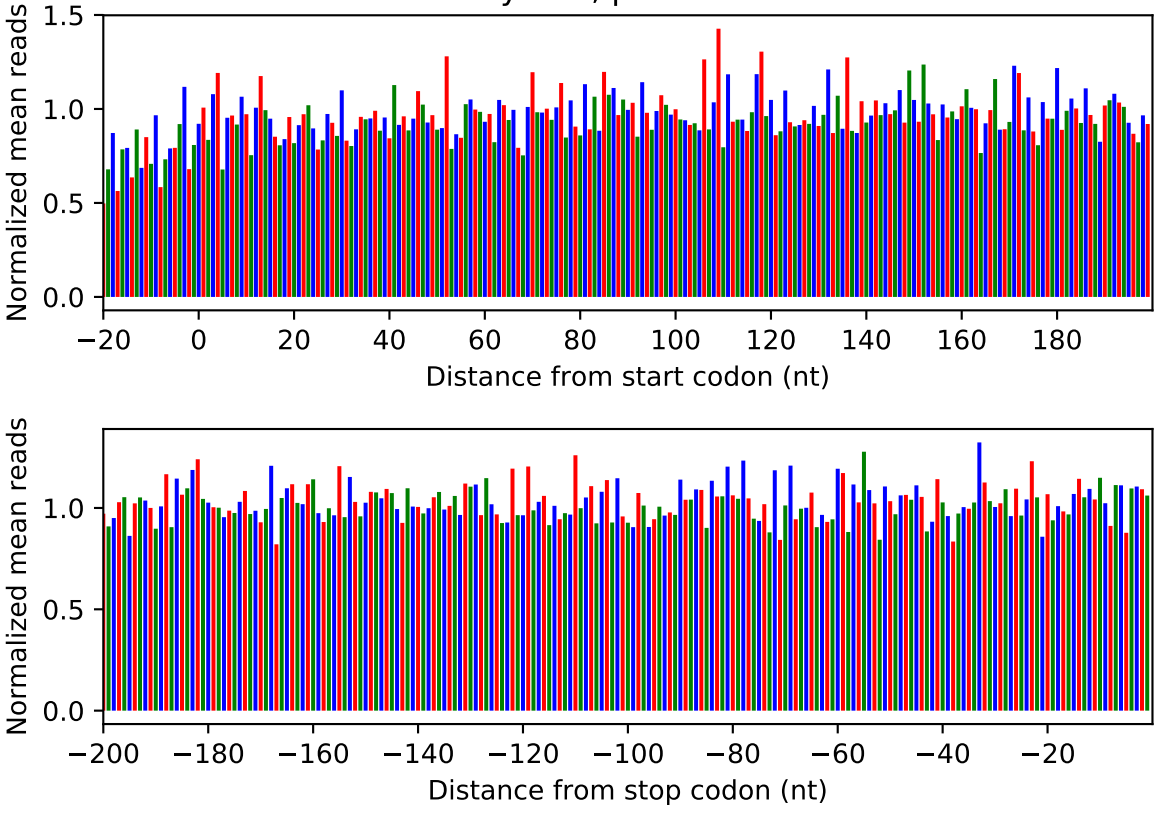

24 nt reads, proportion: 9.89%
Periodicity: 0.16, pval: 2.55351e-14
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

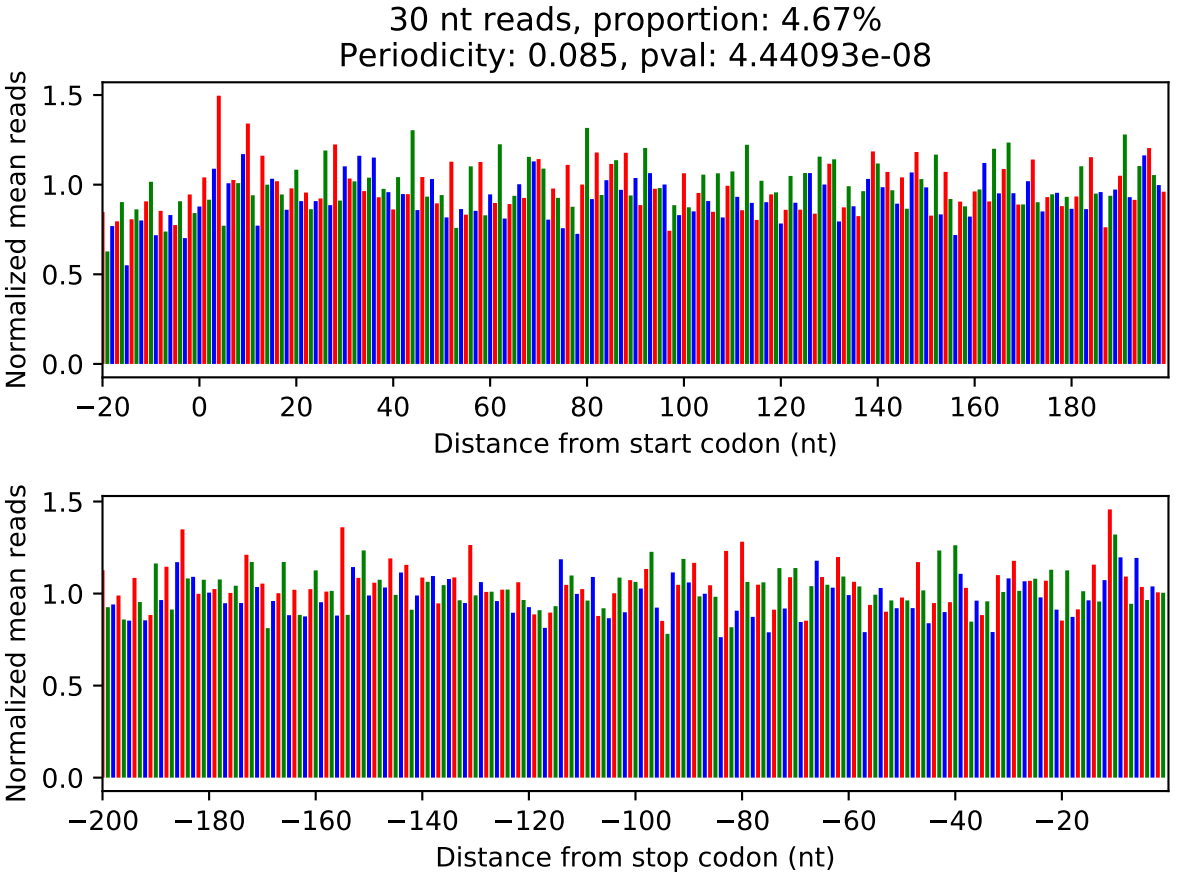

25 nt reads, proportion: 9.32%
Periodicity: 0.5, pval: 4.88498e-15
Normalized mean reads
1.5
1.0
0.5
0.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
1.0
0.5
0.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

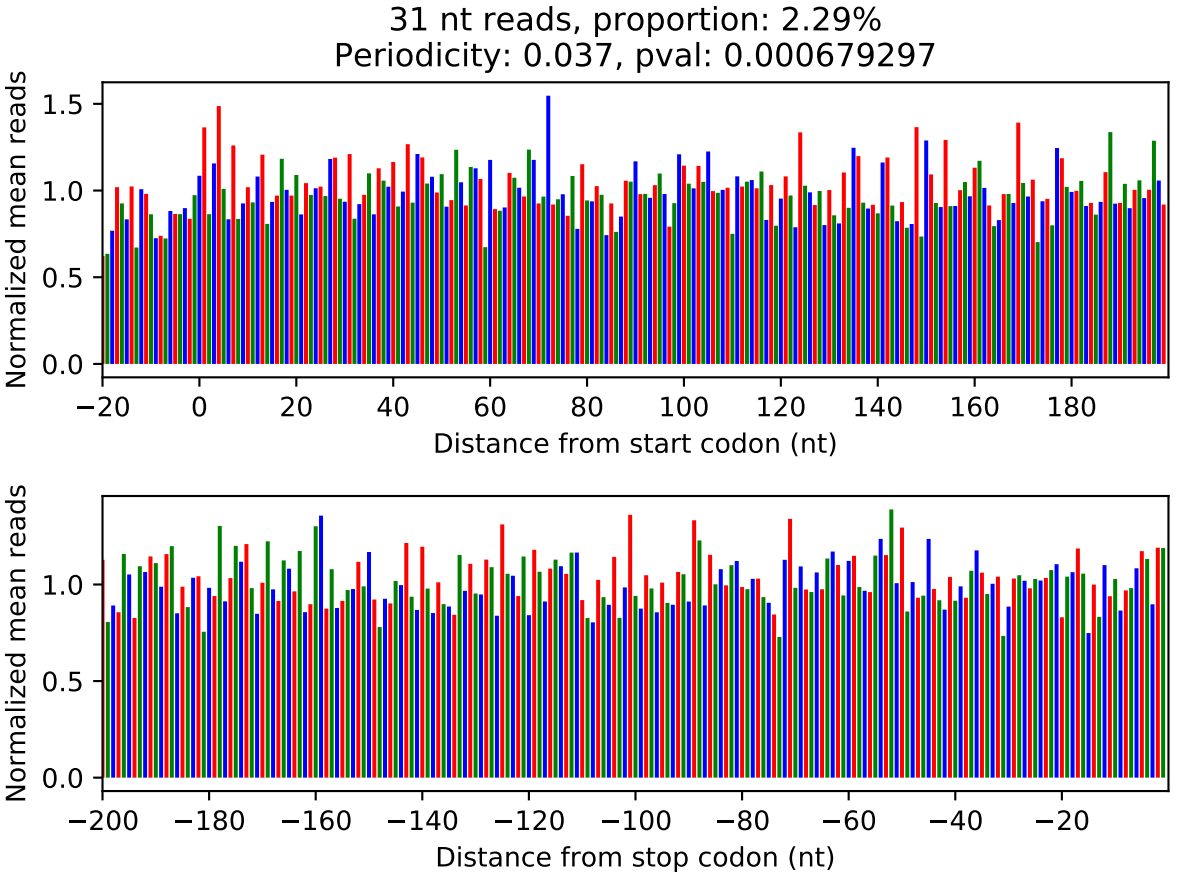

26 nt reads, proportion: 9.13%
Periodicity: 0.18, pval: 5.32907e-15
Normalized mean reads
1.5
1.0
0.5
0.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
1.0
0.5
0.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

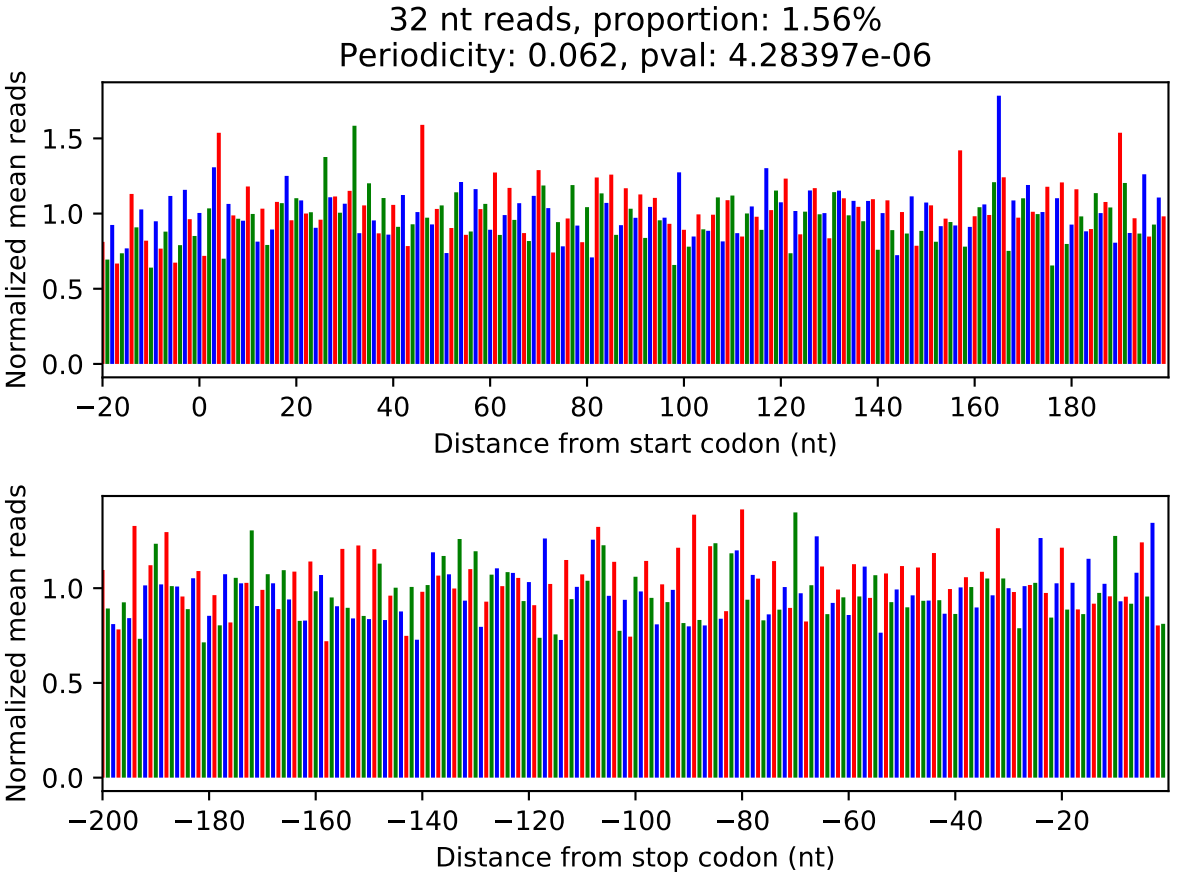

27 nt reads, proportion: 8.96%
Periodicity: 0.17, pval: 8.10463e-15
Normalized mean reads
0.0
0.5
1.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

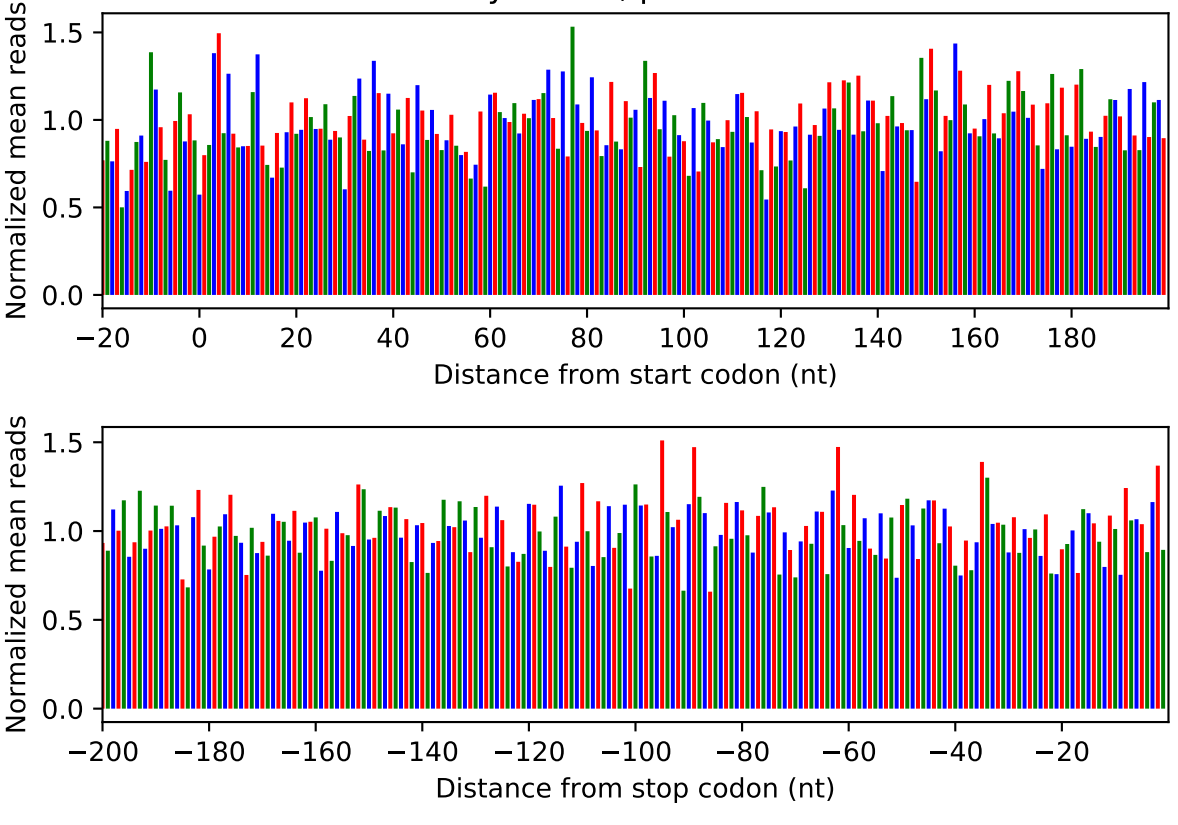

28 nt reads, proportion: 9.39%
Periodicity: 0.41, pval: 4.88498e-15
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

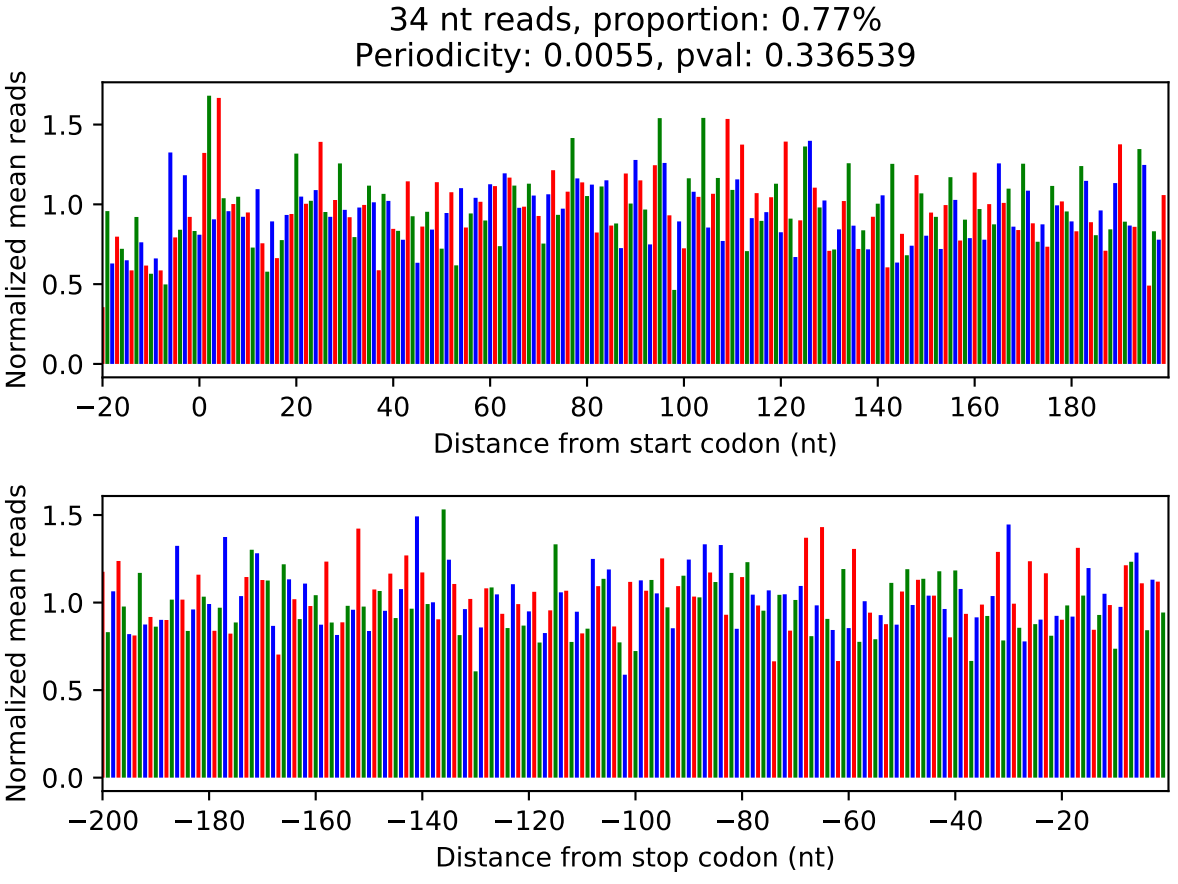

29 nt reads, proportion: 7.64%
Periodicity: 0.1, pval: 2.37034e-09
Normalized mean reads
1.5
1.0
0.5
0.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
1.0
0.5
0.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

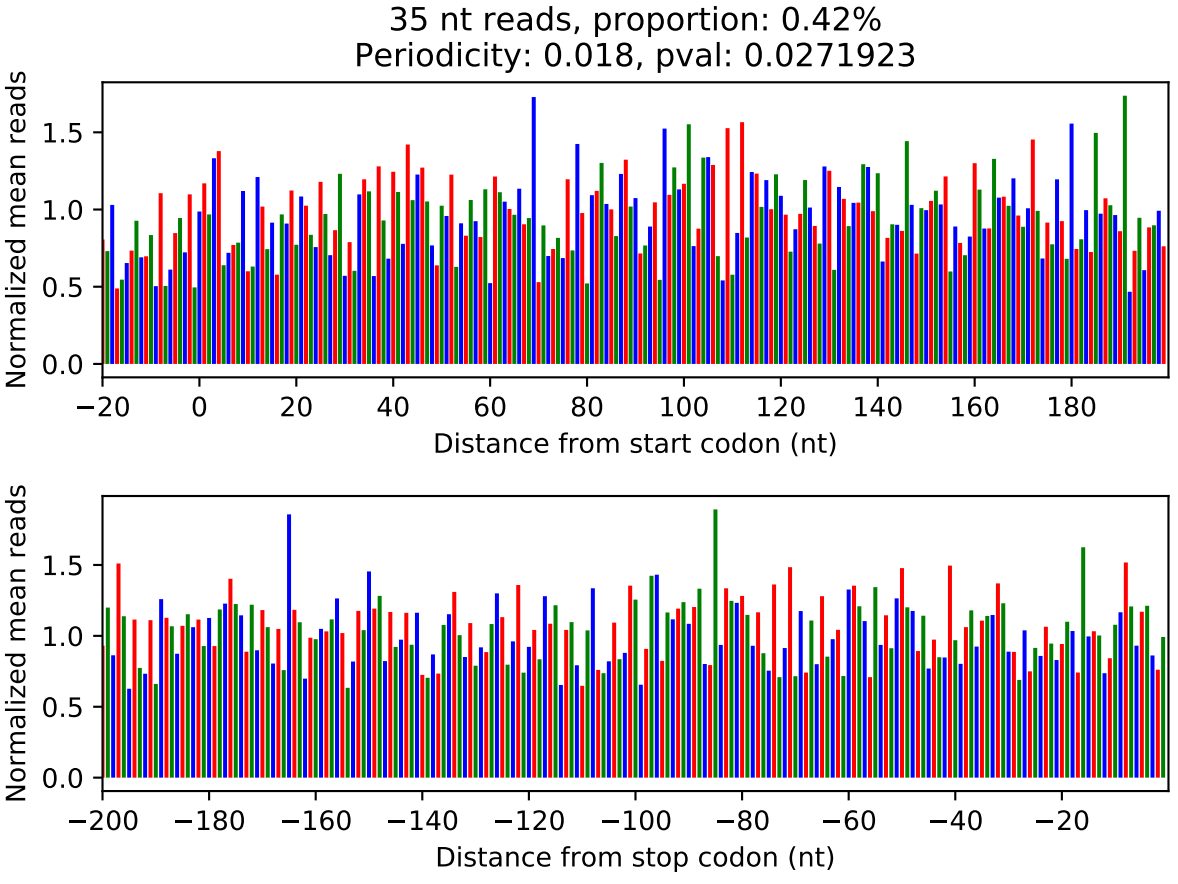

30 nt reads, proportion: 4.67%
Periodicity: 0.085, pval: 4.44093e-08
Normalized mean reads
1.5
1.0
0.5
0.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
1.5
1.0
0.5
0.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


31 nt reads, proportion: 2.29%
Periodicity: 0.037, pval: 0.000679297
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)


32 nt reads, proportion: 1.56%
Periodicity: 0.062, pval: 4.28397e-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
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


33 nt reads, proportion: 1.20%
Periodicity: 0.063, pval: 3.42177e-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)


34 nt reads, proportion: 0.77%
Periodicity: 0.0055, pval: 0.336539
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)


35 nt reads, proportion: 0.42%
Periodicity: 0.018, pval: 0.0271923
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)