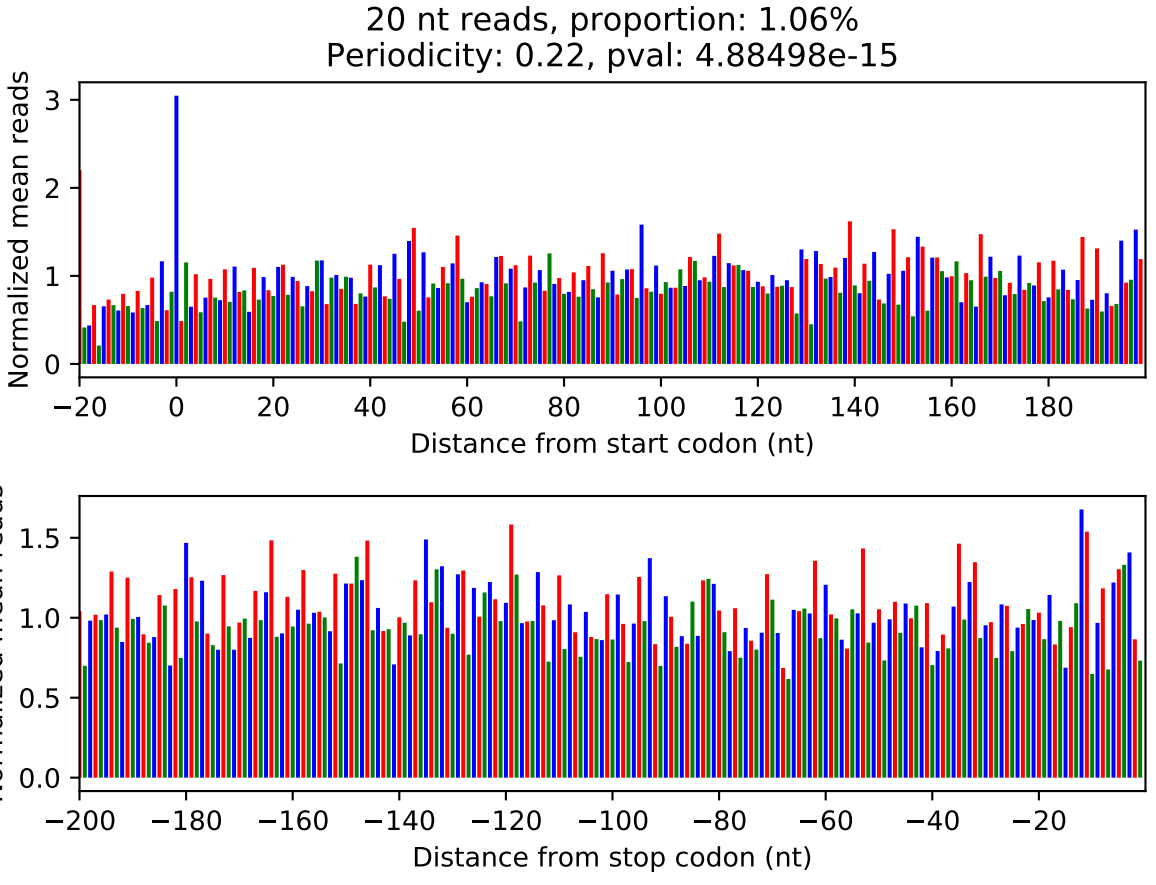
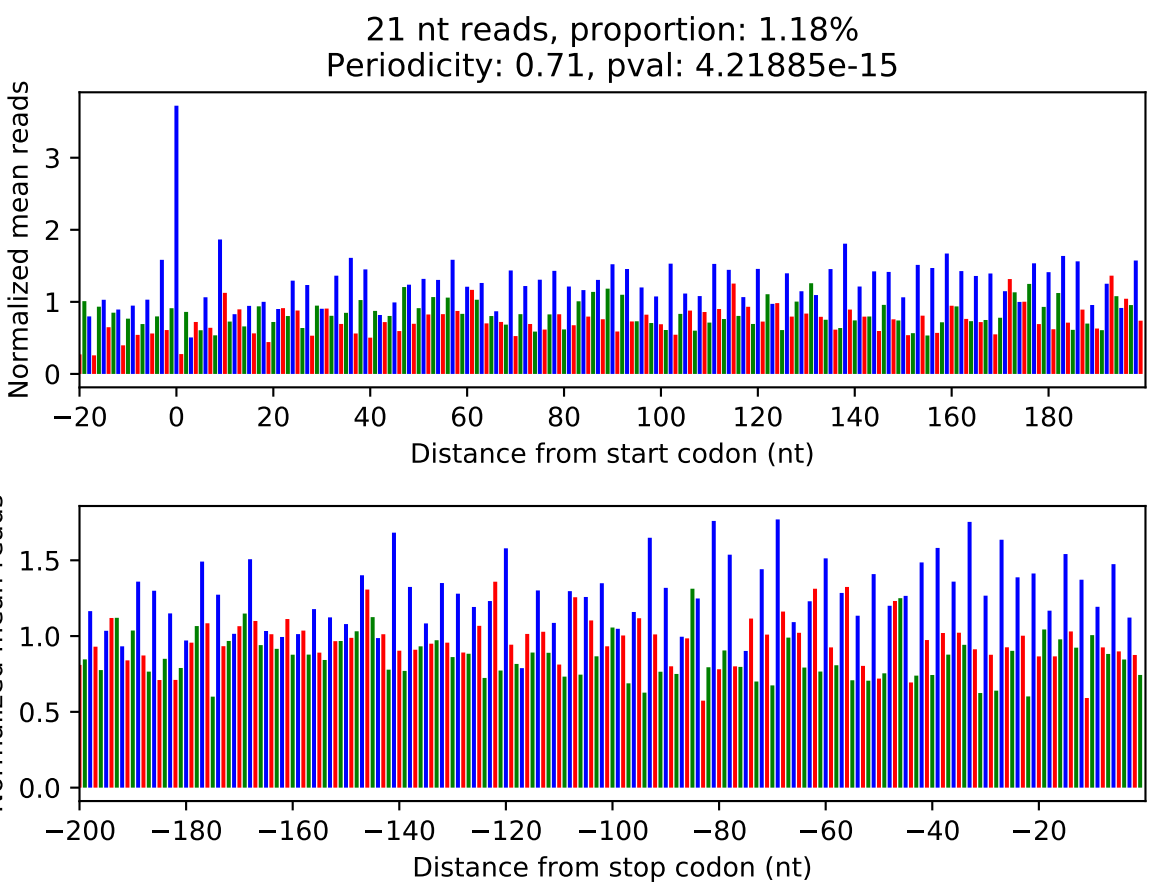
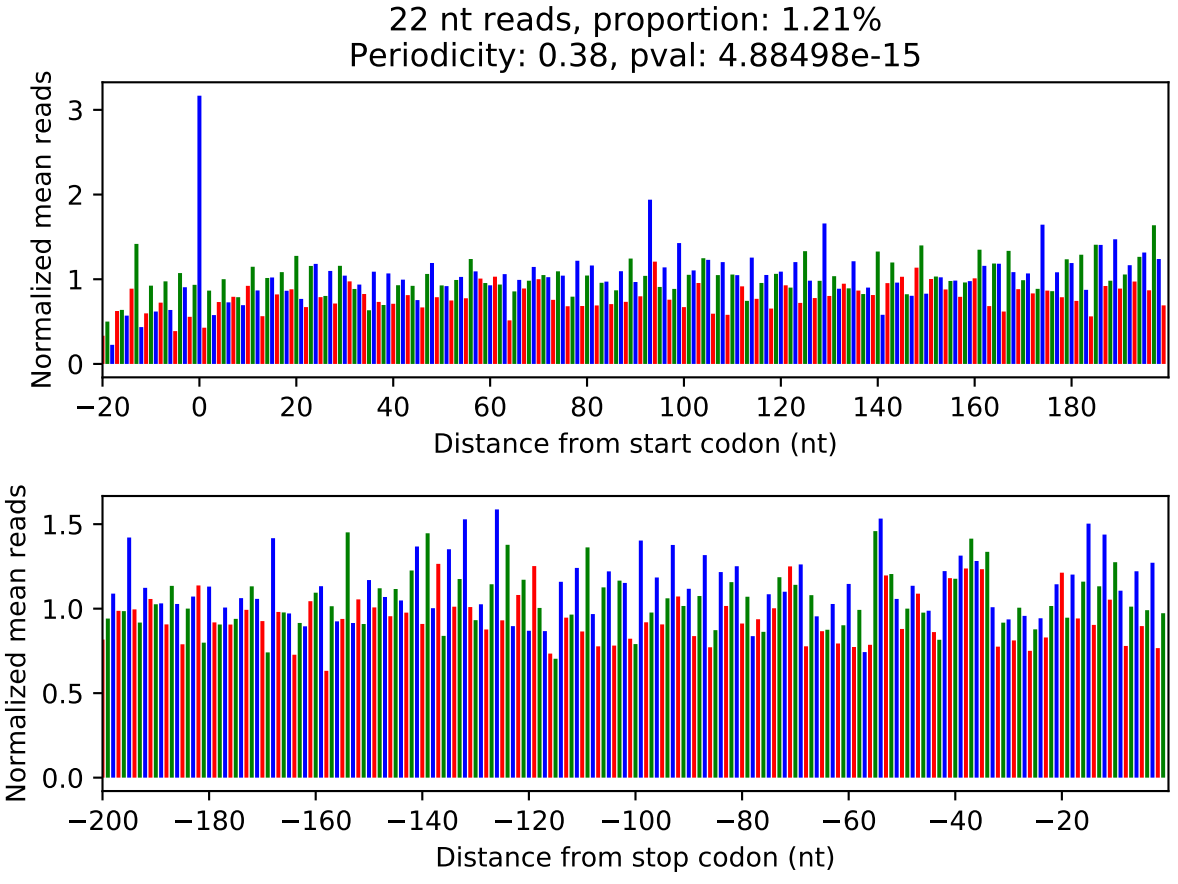
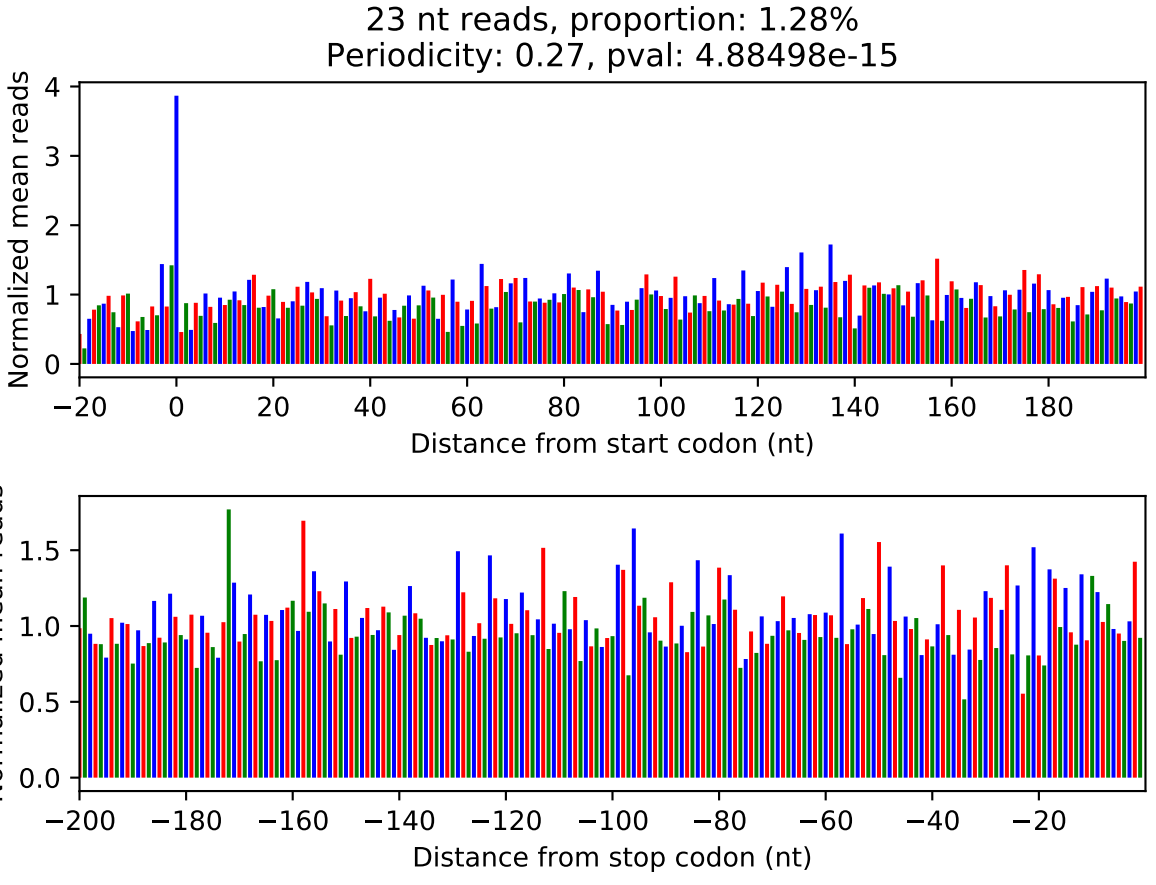
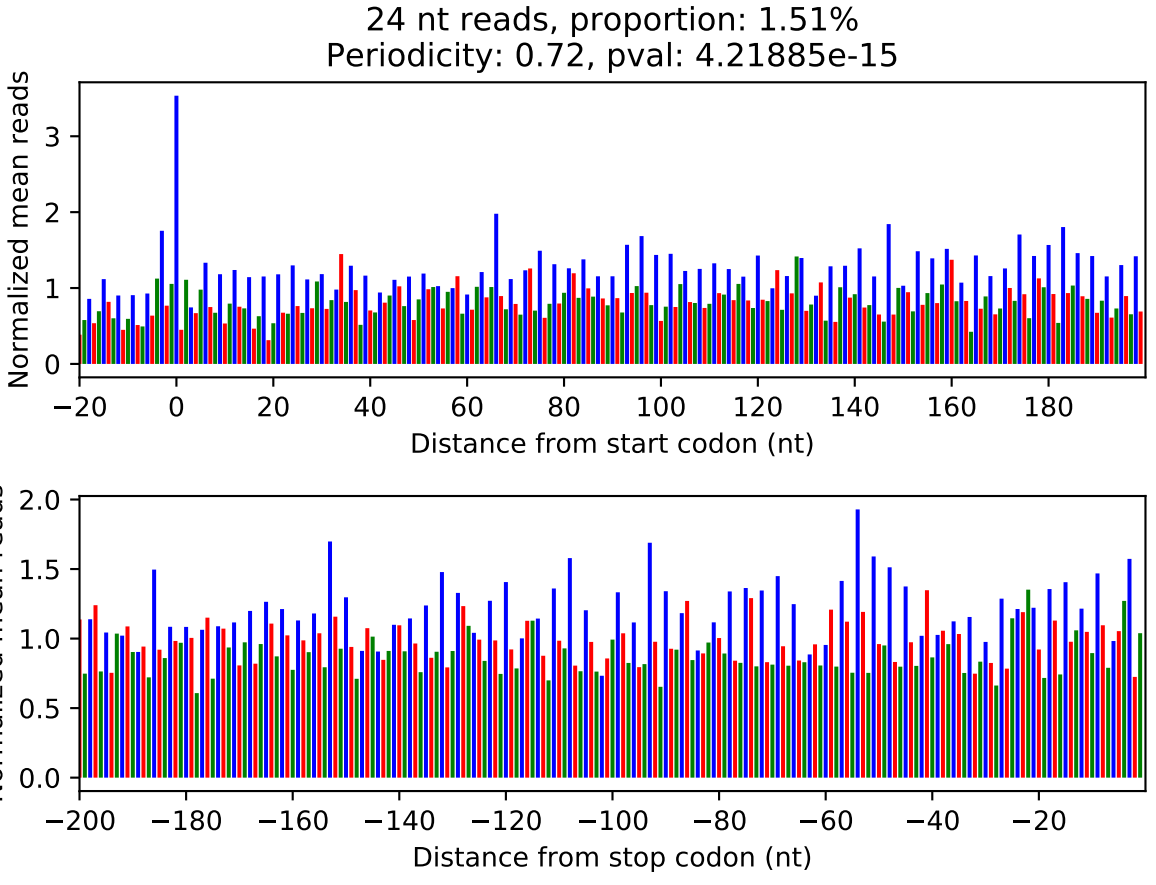
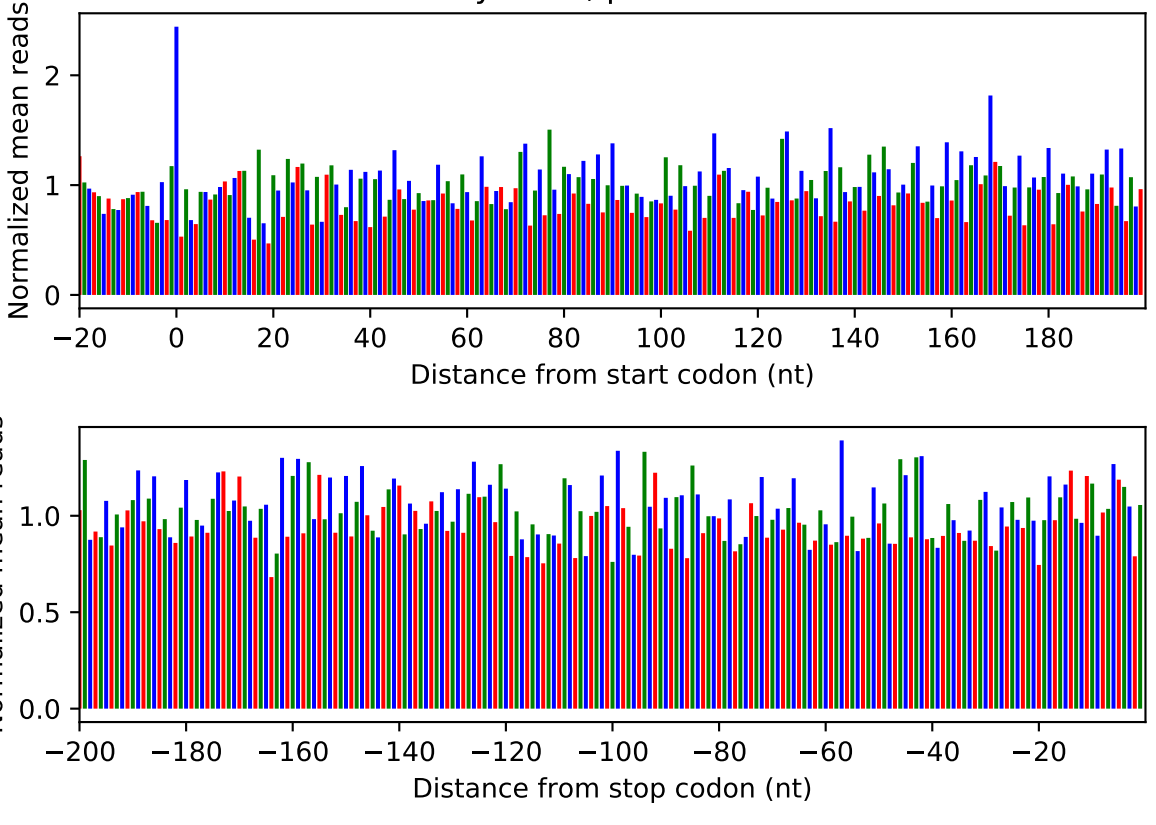

20 nt reads, proportion: 1.06%
Periodicity: 0.22, pval: 4.88498e-15
Normalized mean reads
0
1
2
3
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

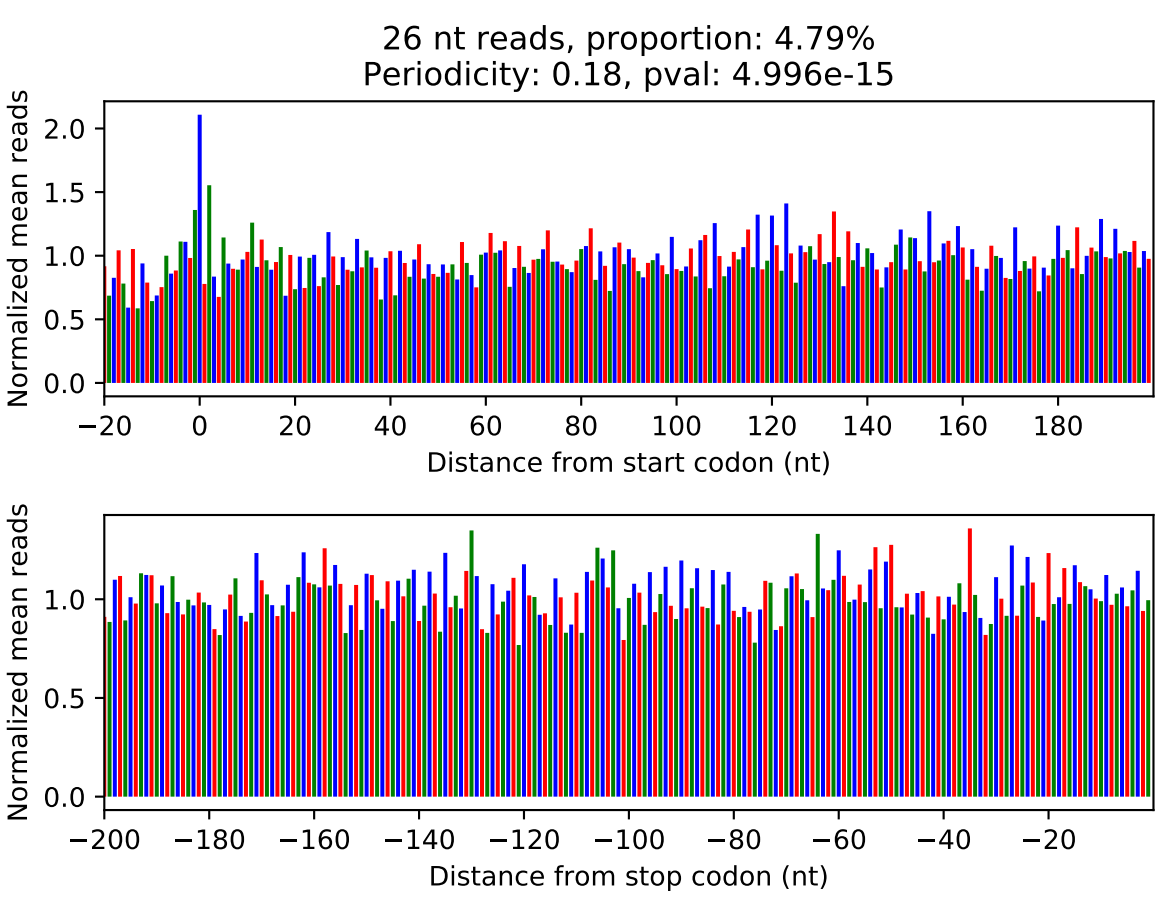

21 nt reads, proportion: 1.18%
Periodicity: 0.71, pval: 4.21885e-15
Normalized mean reads
0
1
2
3
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

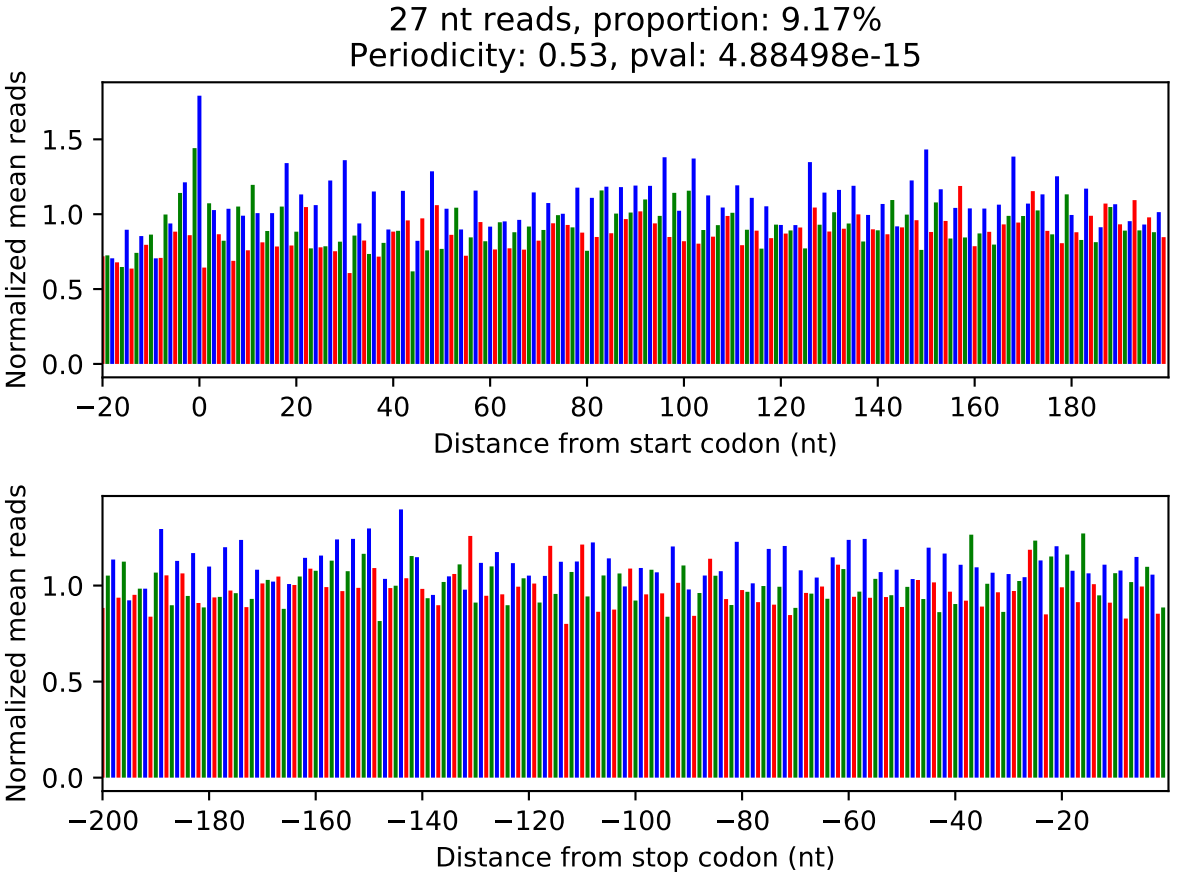

22 nt reads, proportion: 1.21%
Periodicity: 0.38, pval: 4.88498e-15
Normalized mean reads
0
1
2
3
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

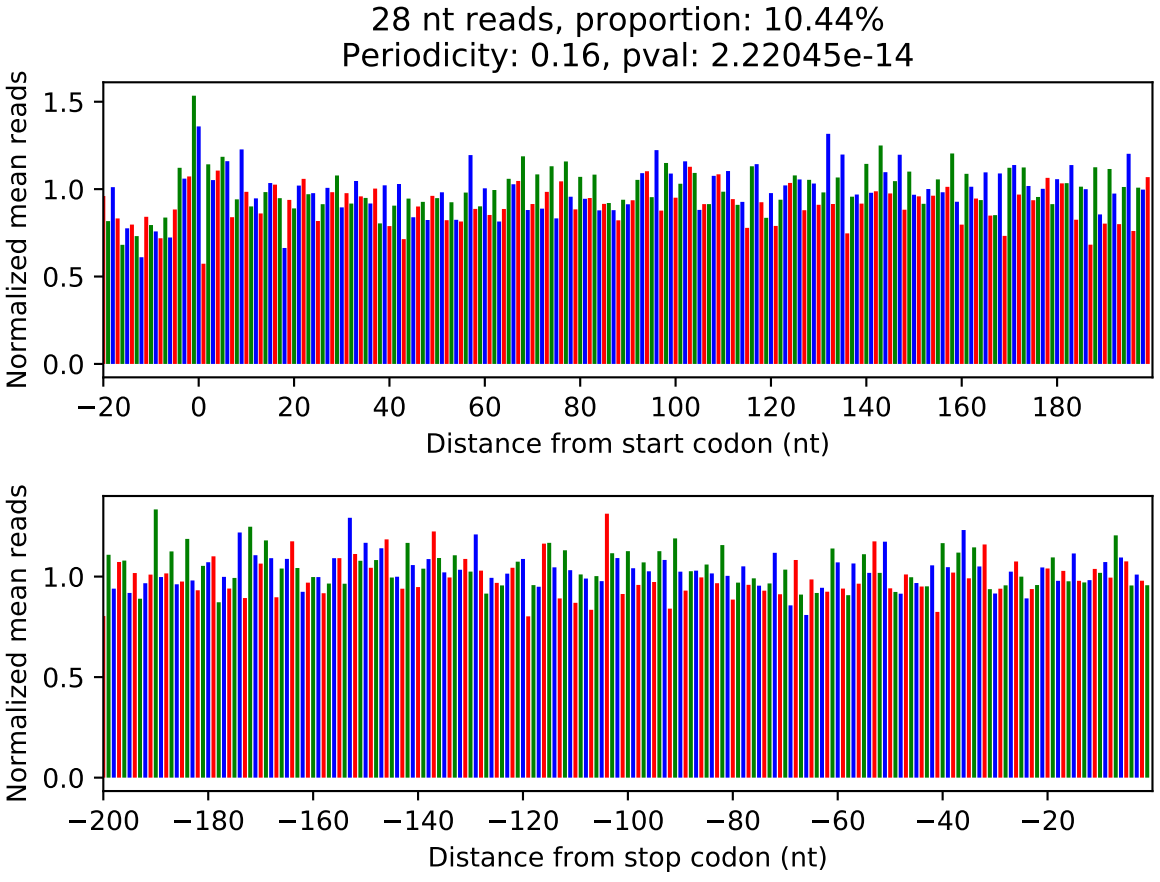

23 nt reads, proportion: 1.28%
Periodicity: 0.27, pval: 4.88498e-15
Normalized mean reads
0
1
2
3
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

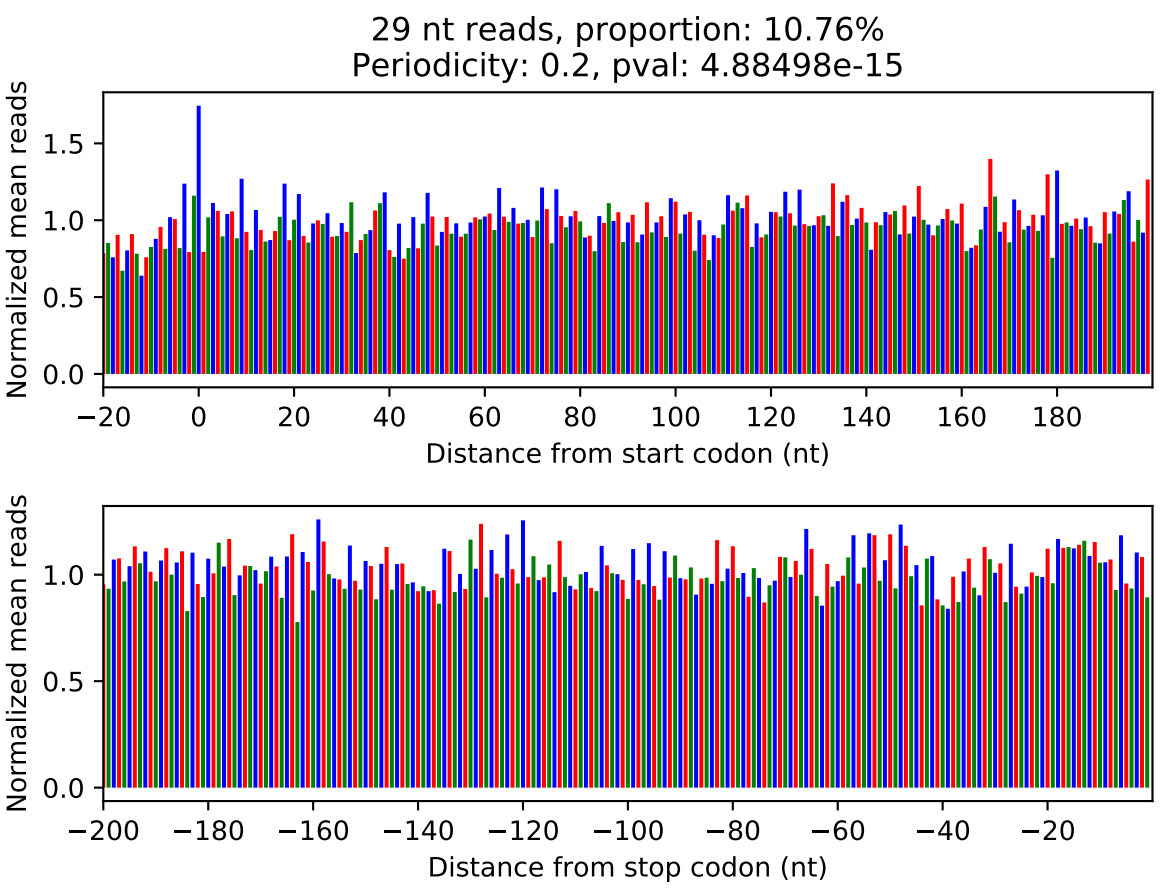

24 nt reads, proportion: 1.51%
Periodicity: 0.72, pval: 4.21885e-15
Normalized mean reads
0
1
2
3
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

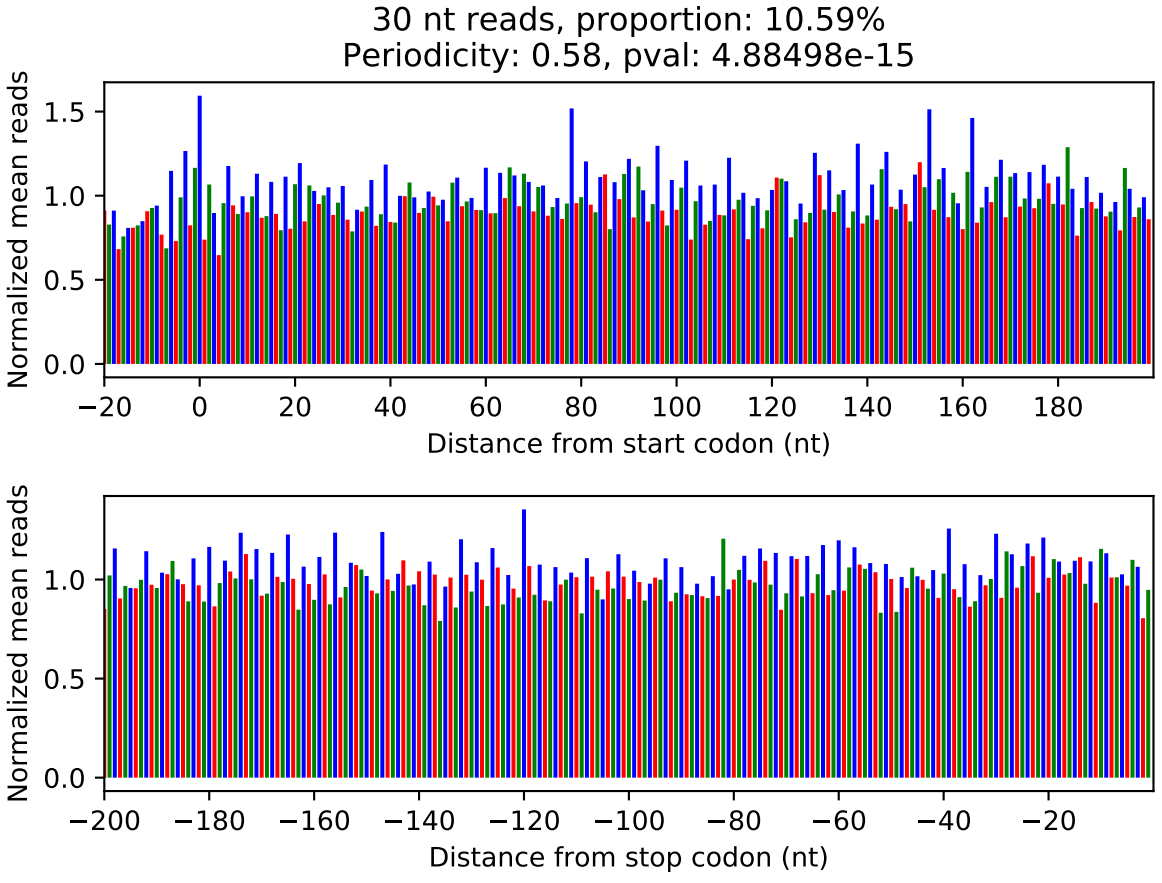

25 nt reads, proportion: 2.03%
Periodicity: 0.38, pval: 4.21885e-15
Normalized mean reads
0
1
2
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

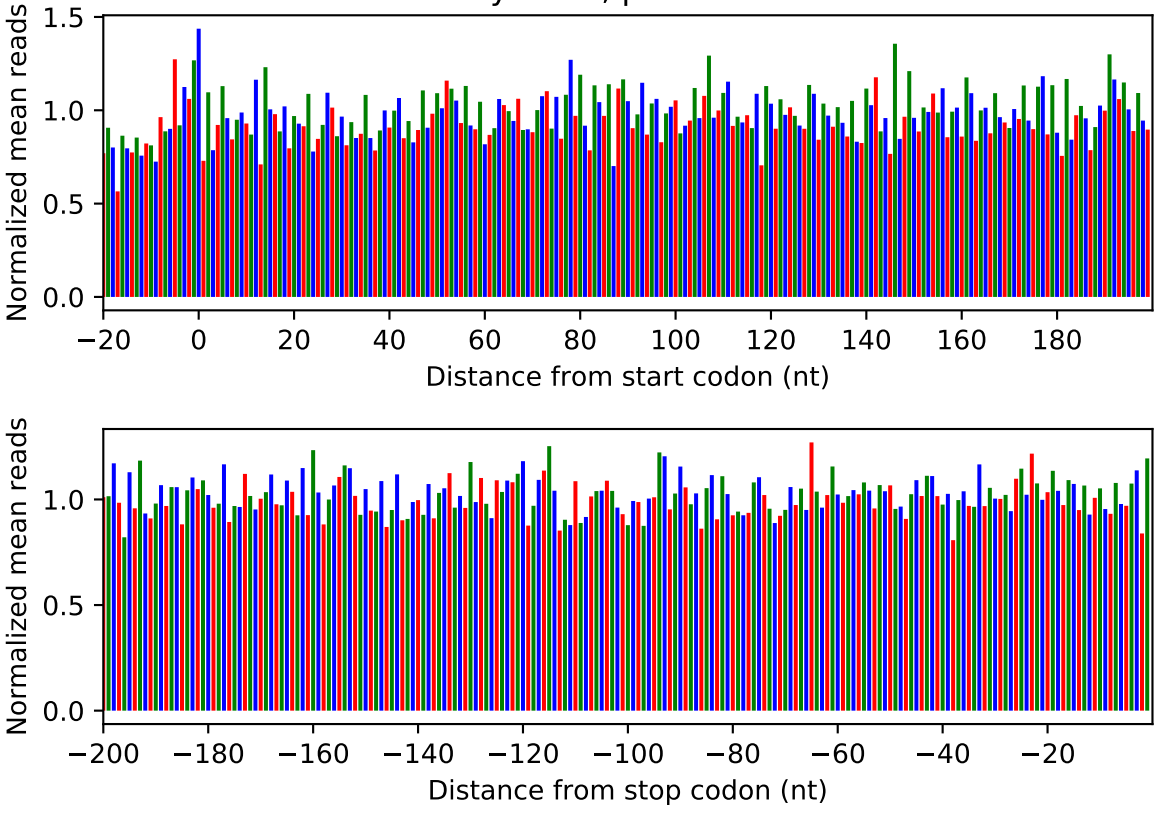

26 nt reads, proportion: 4.79%
Periodicity: 0.18, pval: 4.996e-15
Normalized mean reads
2.0
1.5
1.0
0.5
0.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
1.0
0.5
0.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

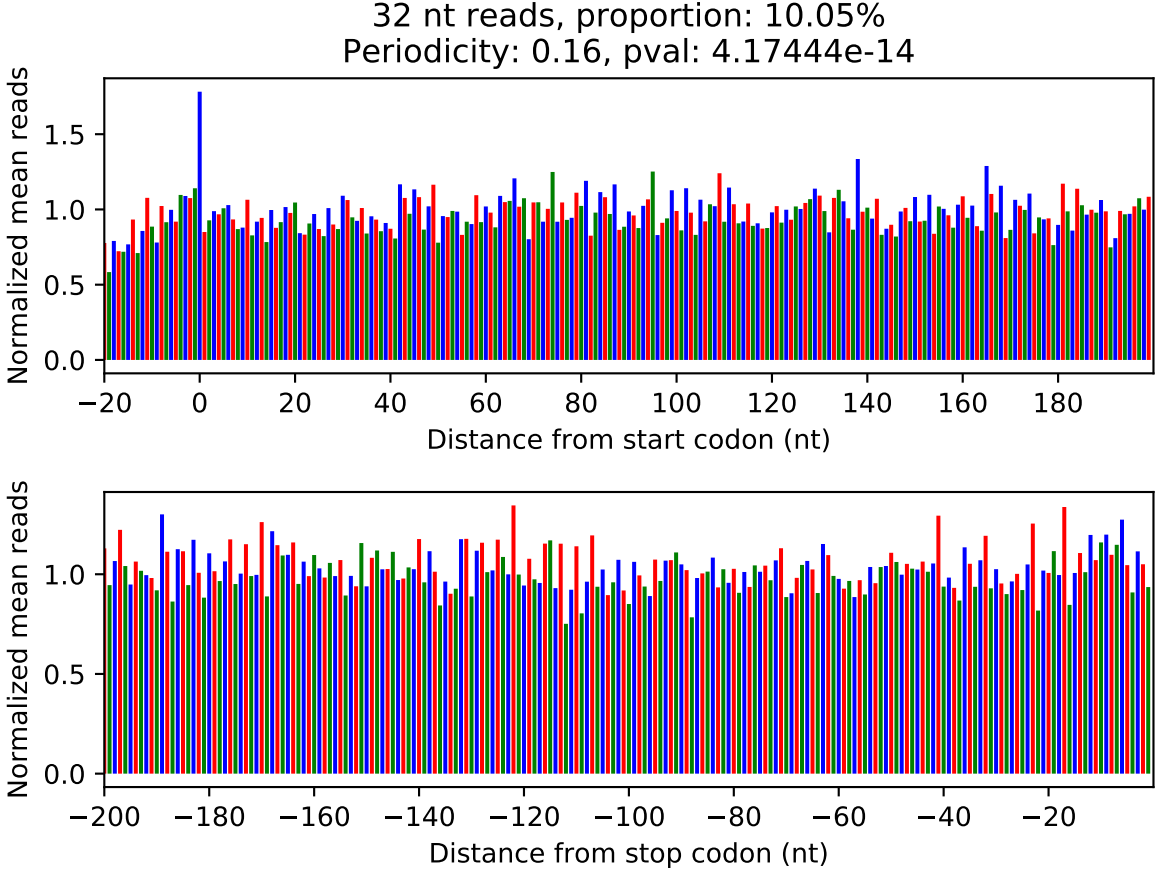

27 nt reads, proportion: 9.17%
Periodicity: 0.53, pval: 4.88498e-15
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

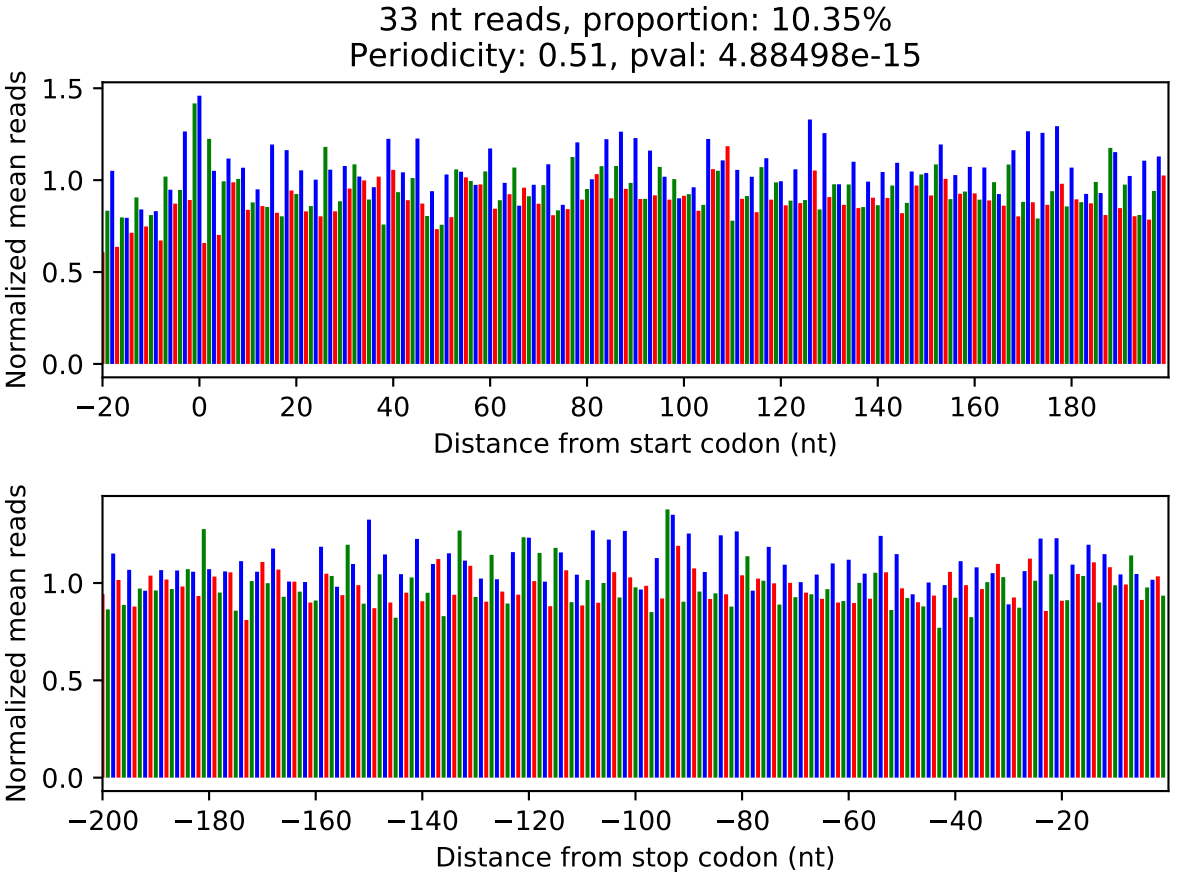

28 nt reads, proportion: 10.44%
Periodicity: 0.16, pval: 2.22045e-14
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

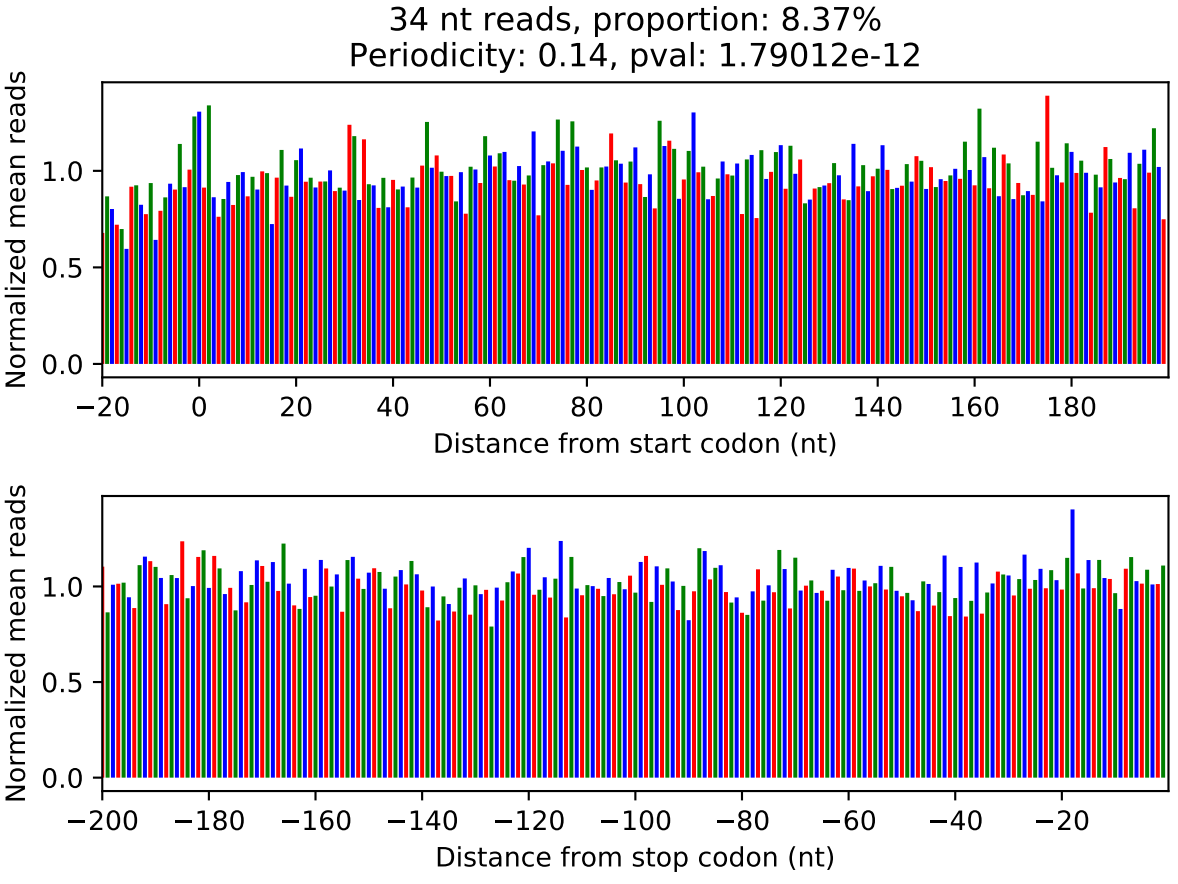

29 nt reads, proportion: 10.76%
Periodicity: 0.2, pval: 4.88498e-15
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

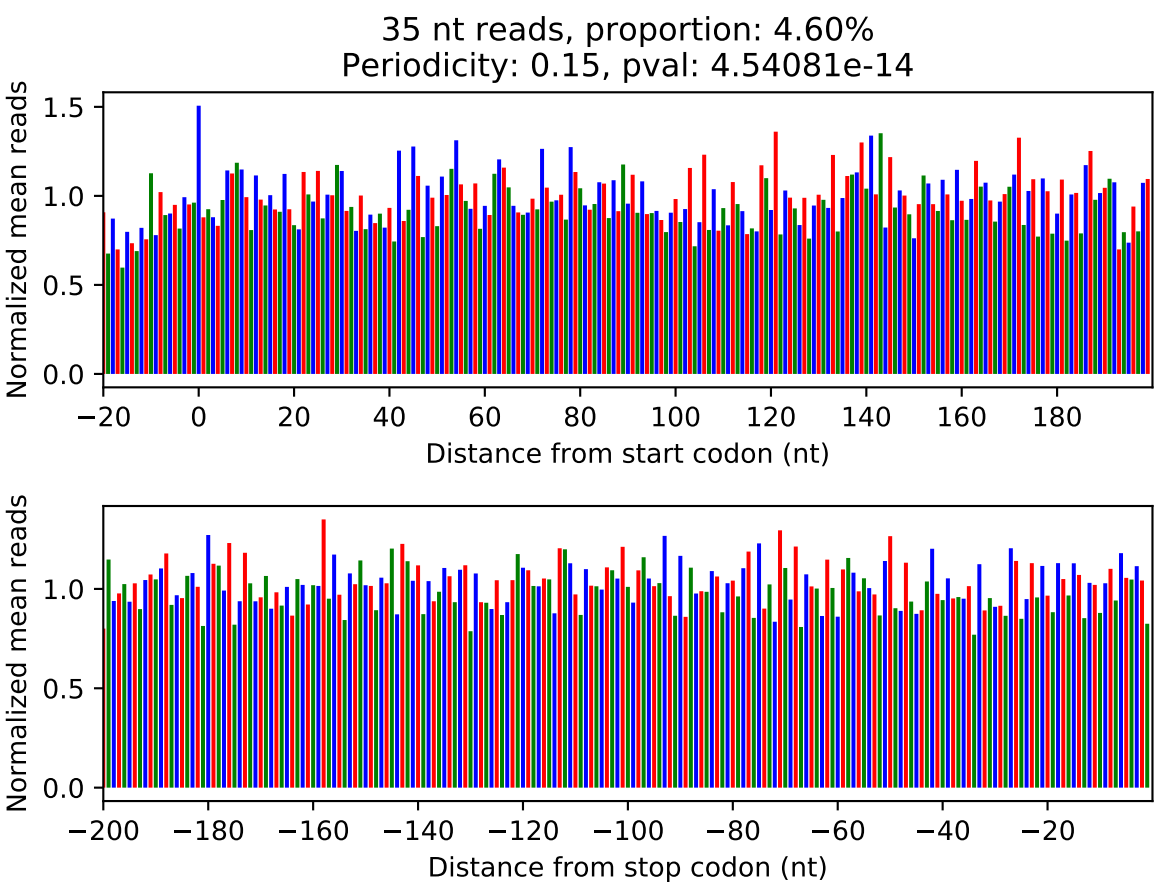

30 nt reads, proportion: 10.59%
Periodicity: 0.58, pval: 4.88498e-15
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

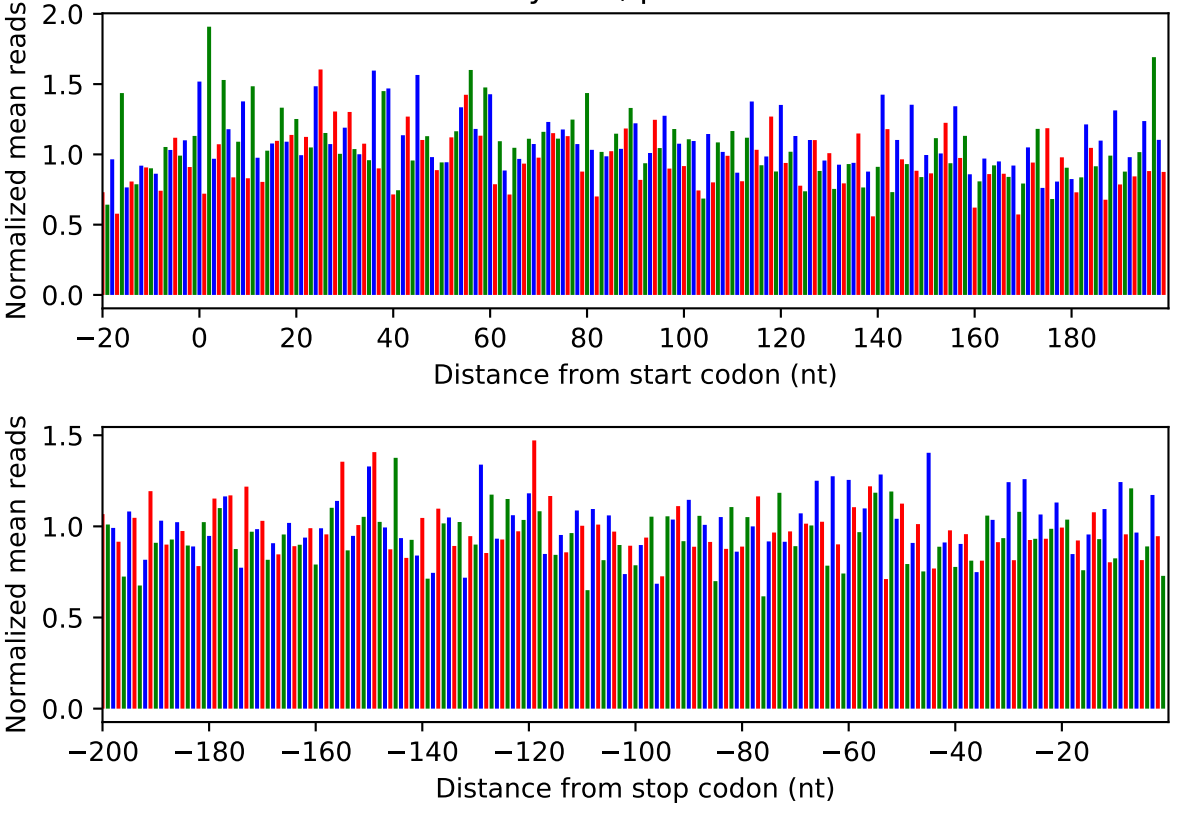

31 nt reads, proportion: 10.59%
Periodicity: 0.16, pval: 1.22125e-14
Normalized mean reads
1.5
1.0
0.5
0.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
1.0
0.5
0.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

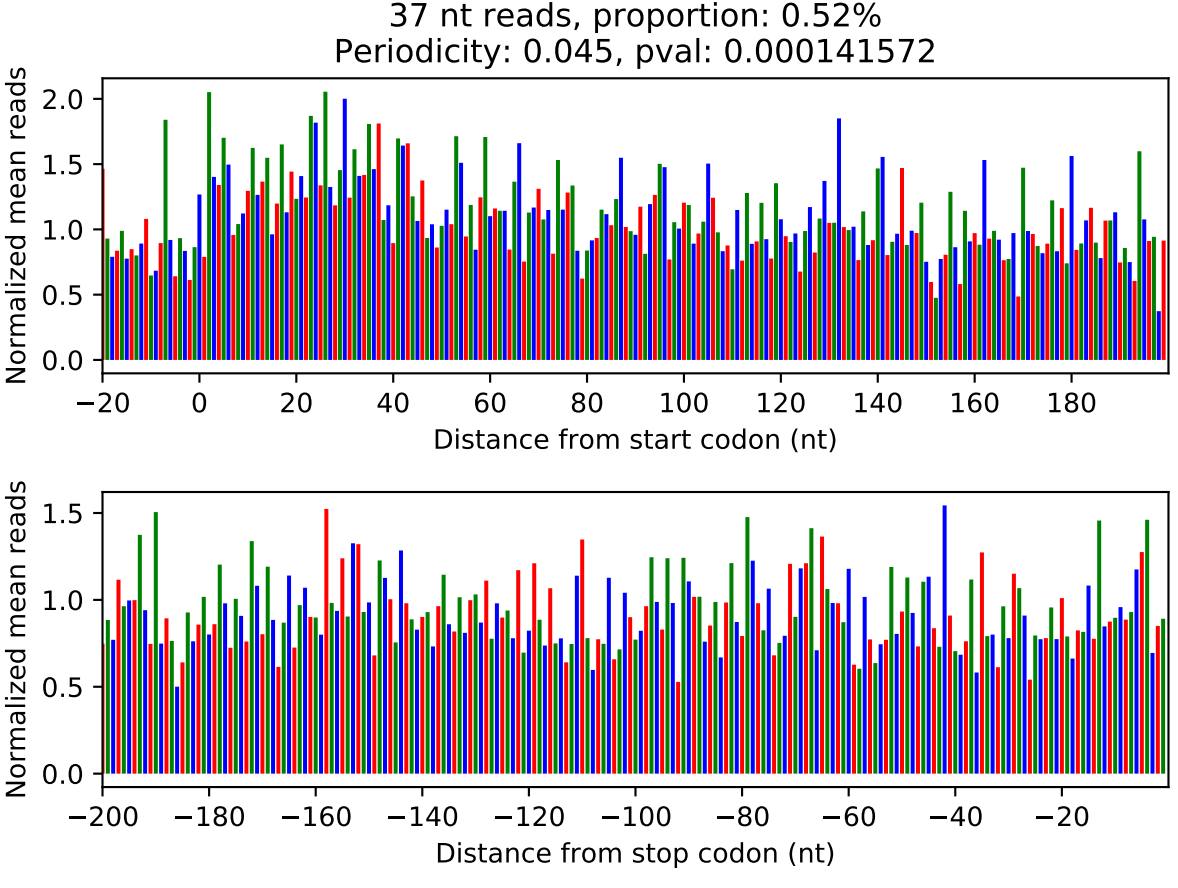

32 nt reads, proportion: 10.05%
Periodicity: 0.16, pval: 4.17444e-14
Normalized mean reads
0.0
0.5
1.0
1.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


33 nt reads, proportion: 10.35%
Periodicity: 0.51, 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)


34 nt reads, proportion: 8.37%
Periodicity: 0.14, pval: 1.79012e-12
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: 4.60%
Periodicity: 0.15, pval: 4.54081e-14
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)


36 nt reads, proportion: 1.52%
Periodicity: 0.1, pval: 1.931e-09
Normalized mean reads
2.0
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)


37 nt reads, proportion: 0.52%
Periodicity: 0.045, pval: 0.000141572
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−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)