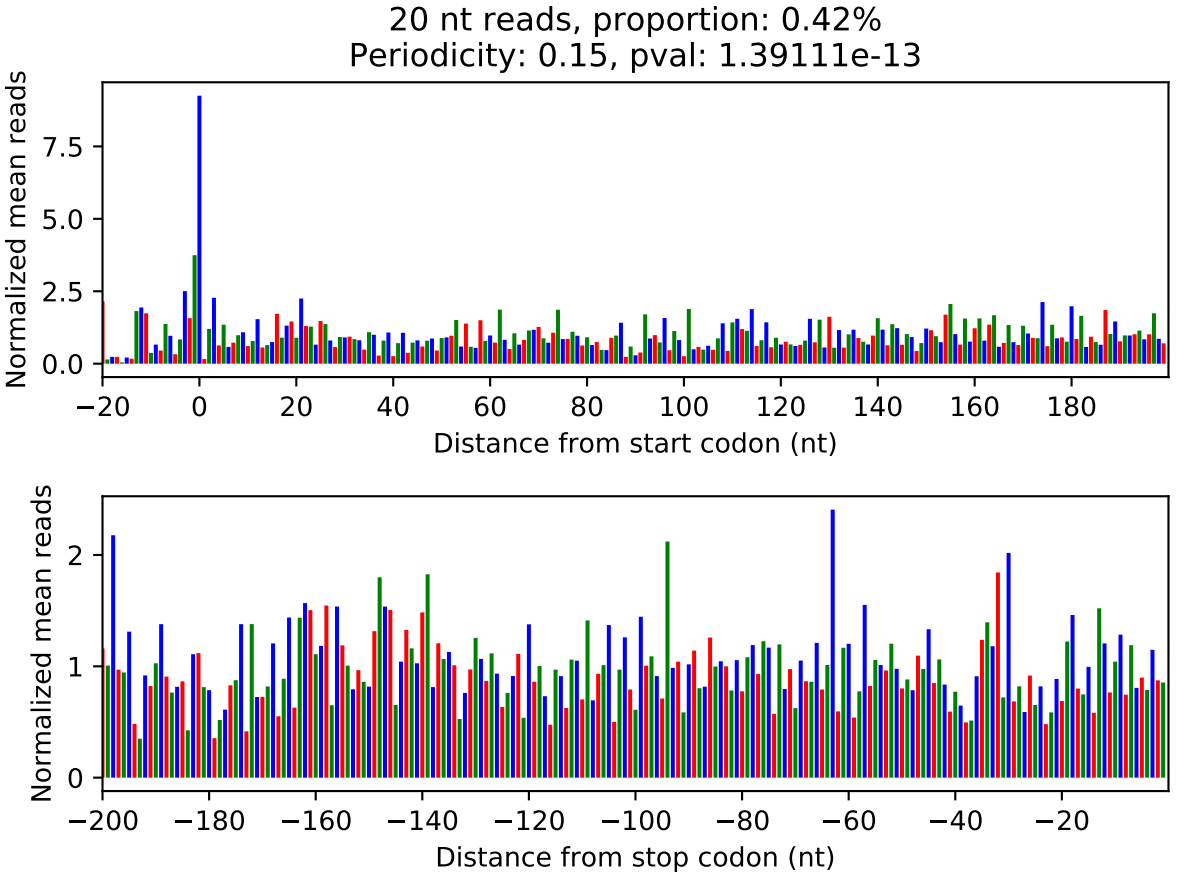
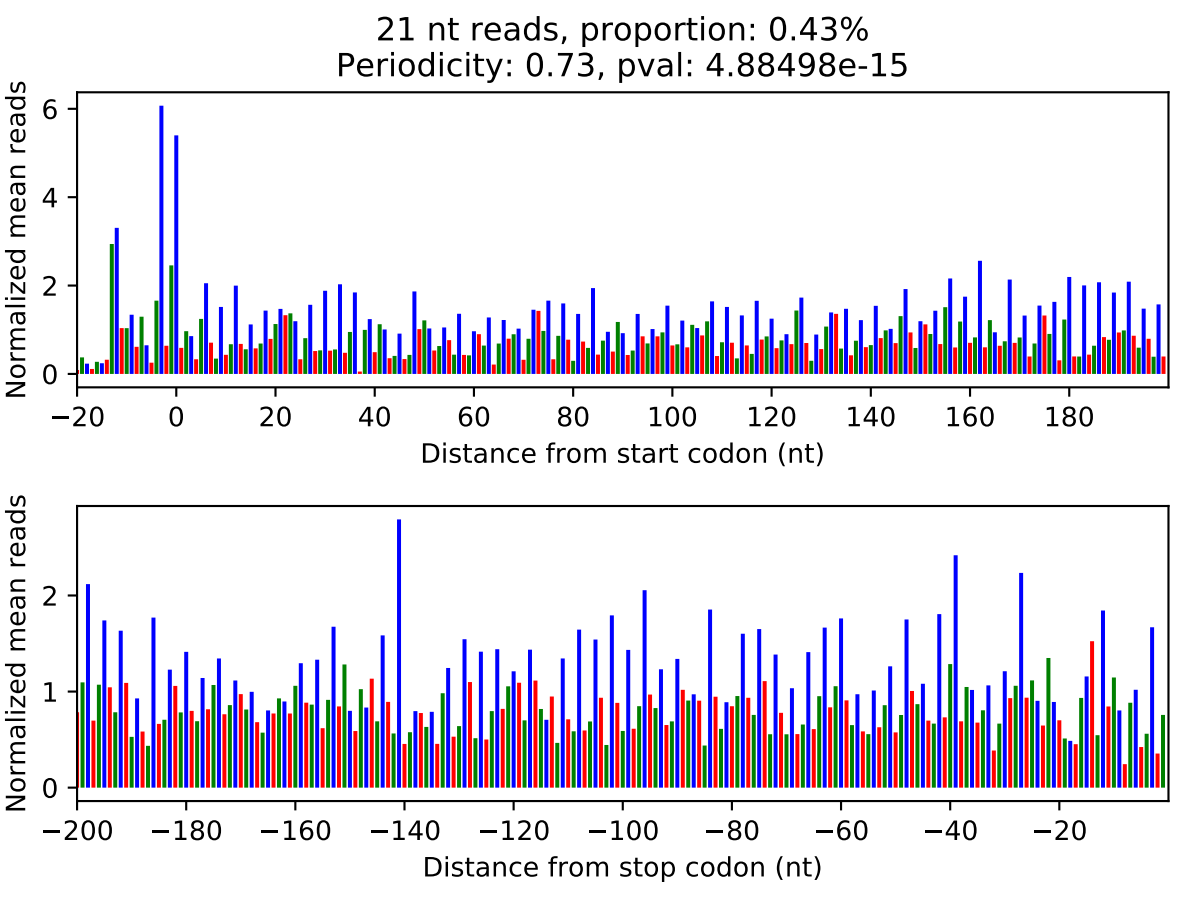
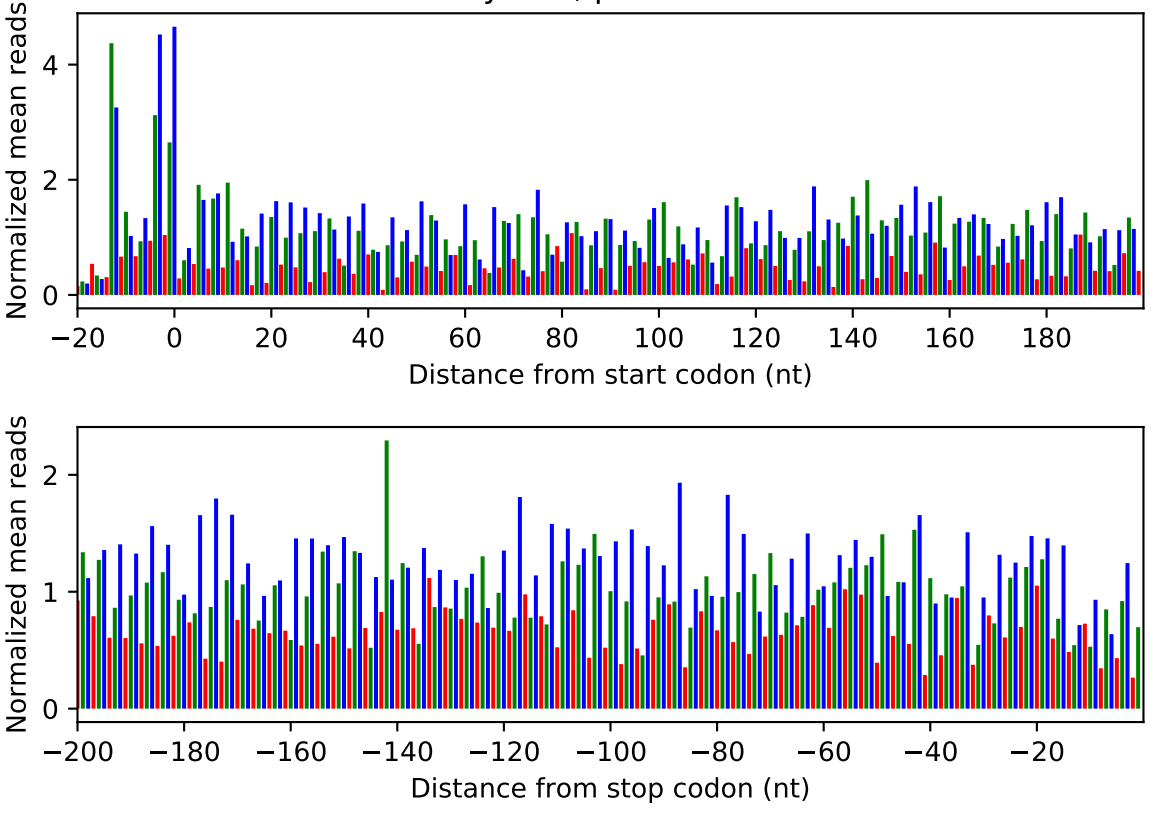
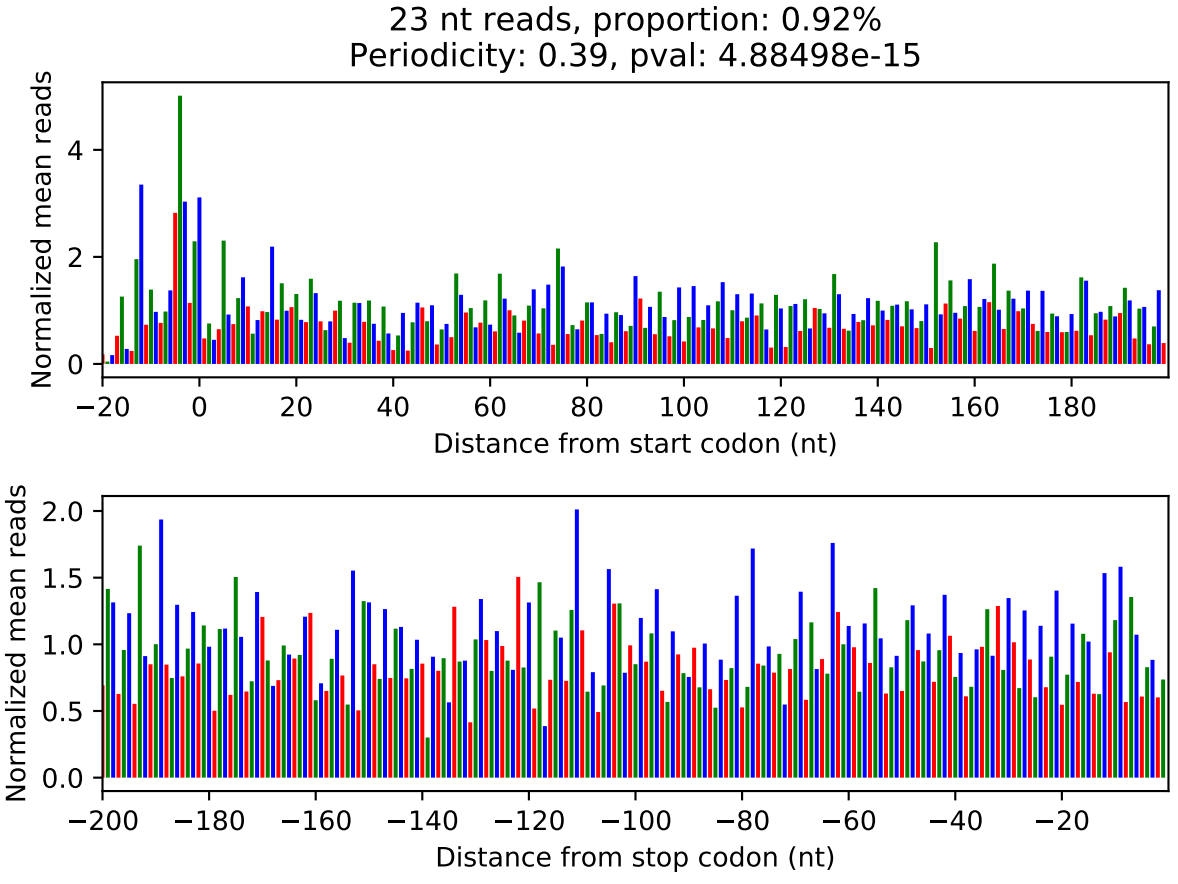
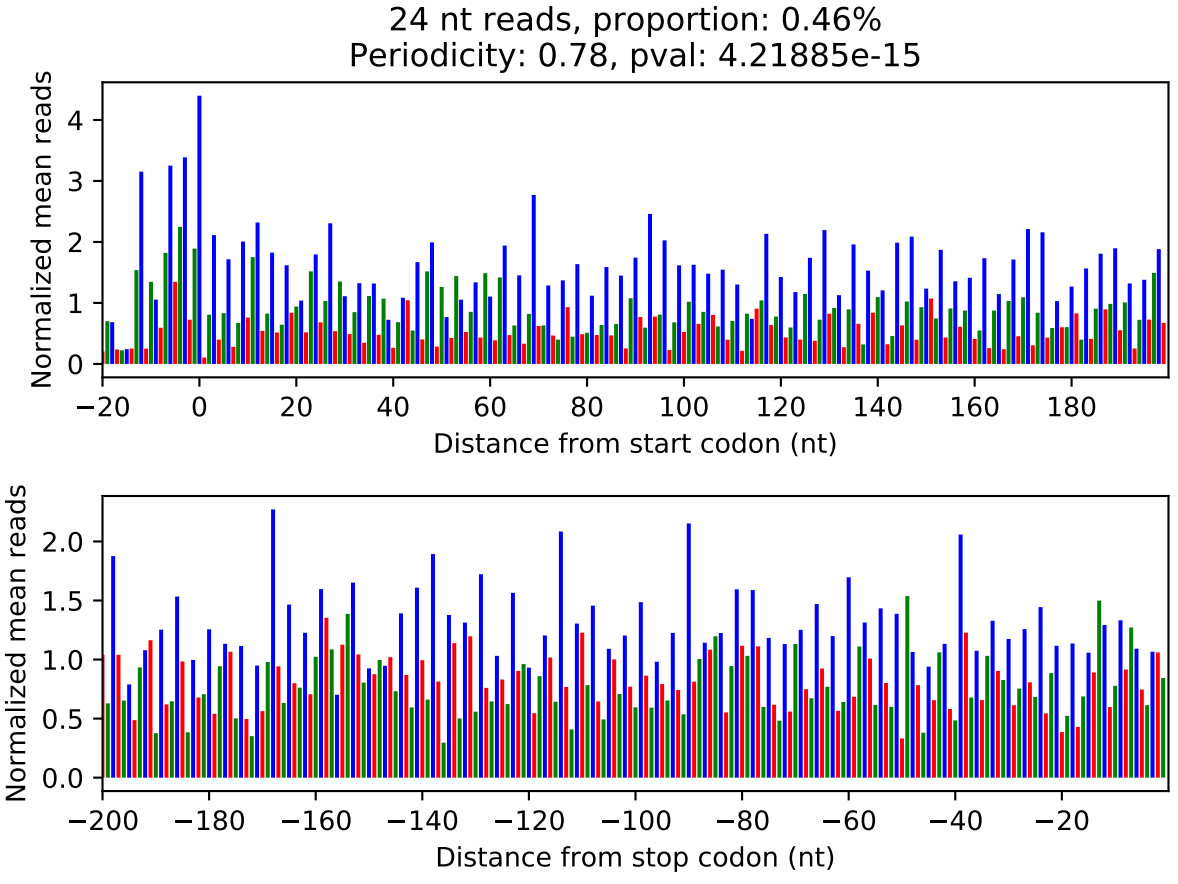
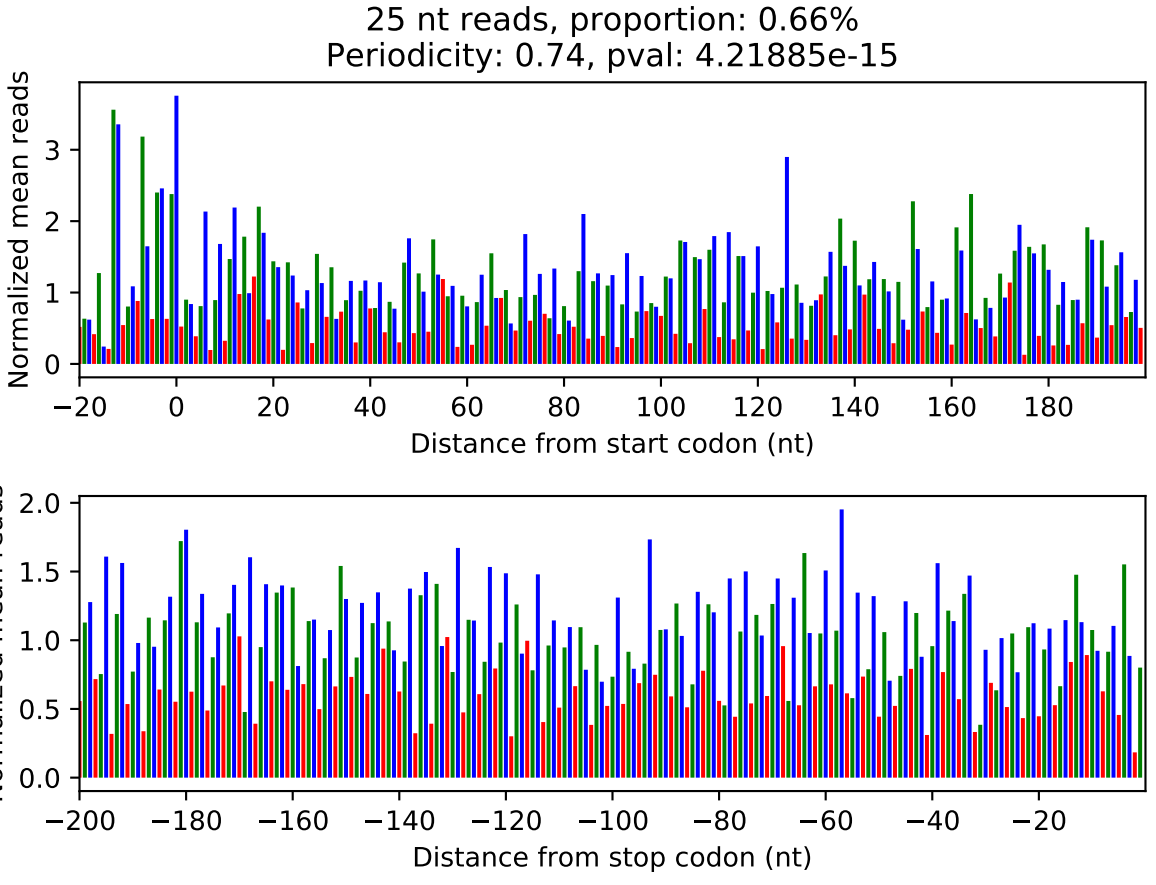

20 nt reads, proportion: 0.42%
Periodicity: 0.15, pval: 1.39111e-13
Normalized mean reads
0.0
2.5
5.0
7.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0
1
2
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

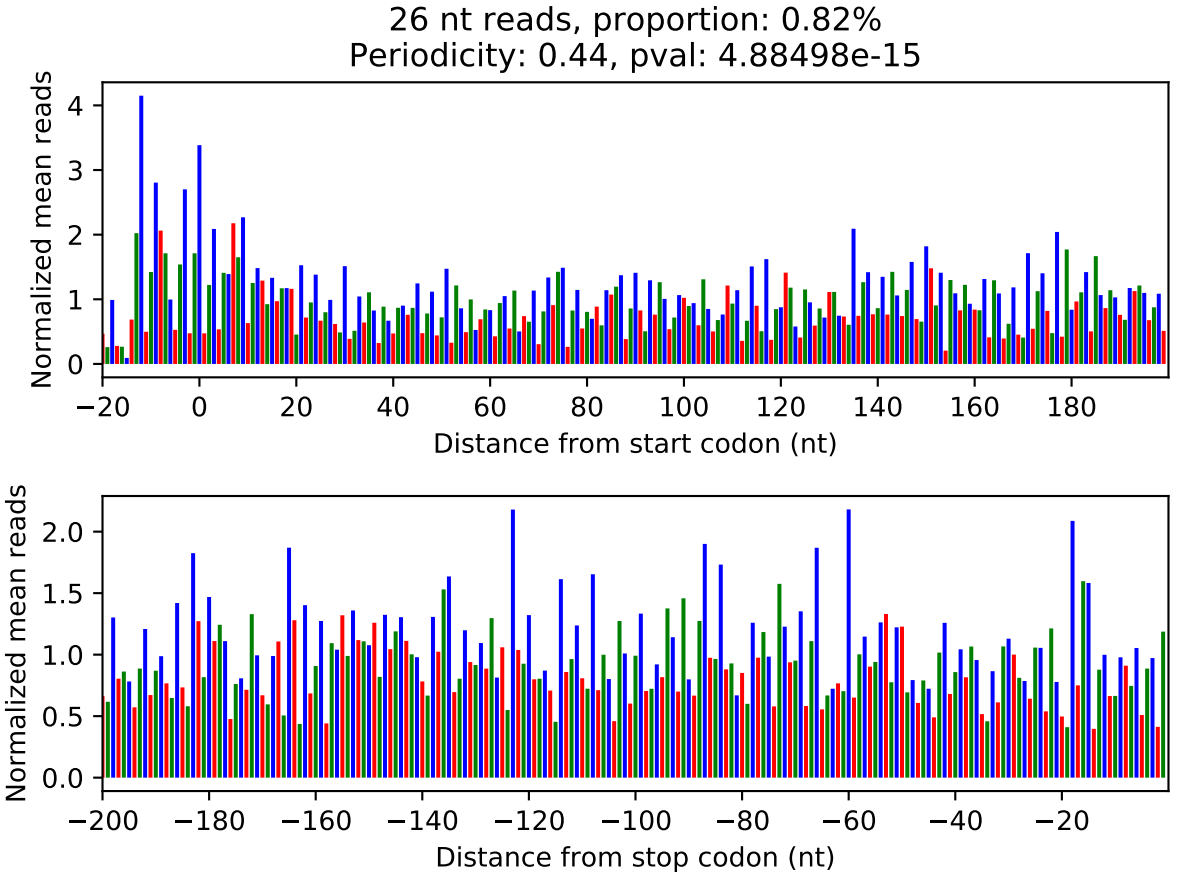

21 nt reads, proportion: 0.43%
Periodicity: 0.73, pval: 4.88498e-15
Normalized mean reads
0
2
4
6
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0
1
2
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

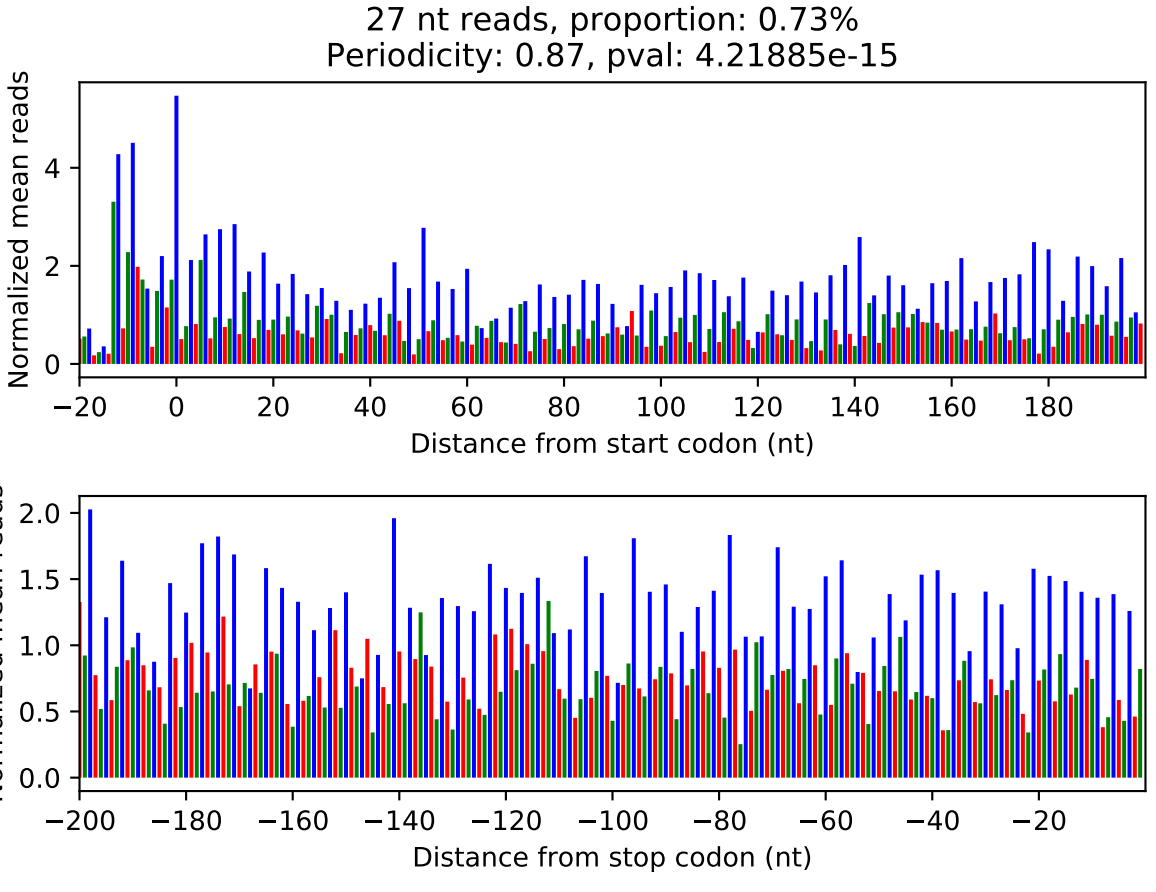

22 nt reads, proportion: 0.42%
Periodicity: 0.7, pval: 4.88498e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0
1
2
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

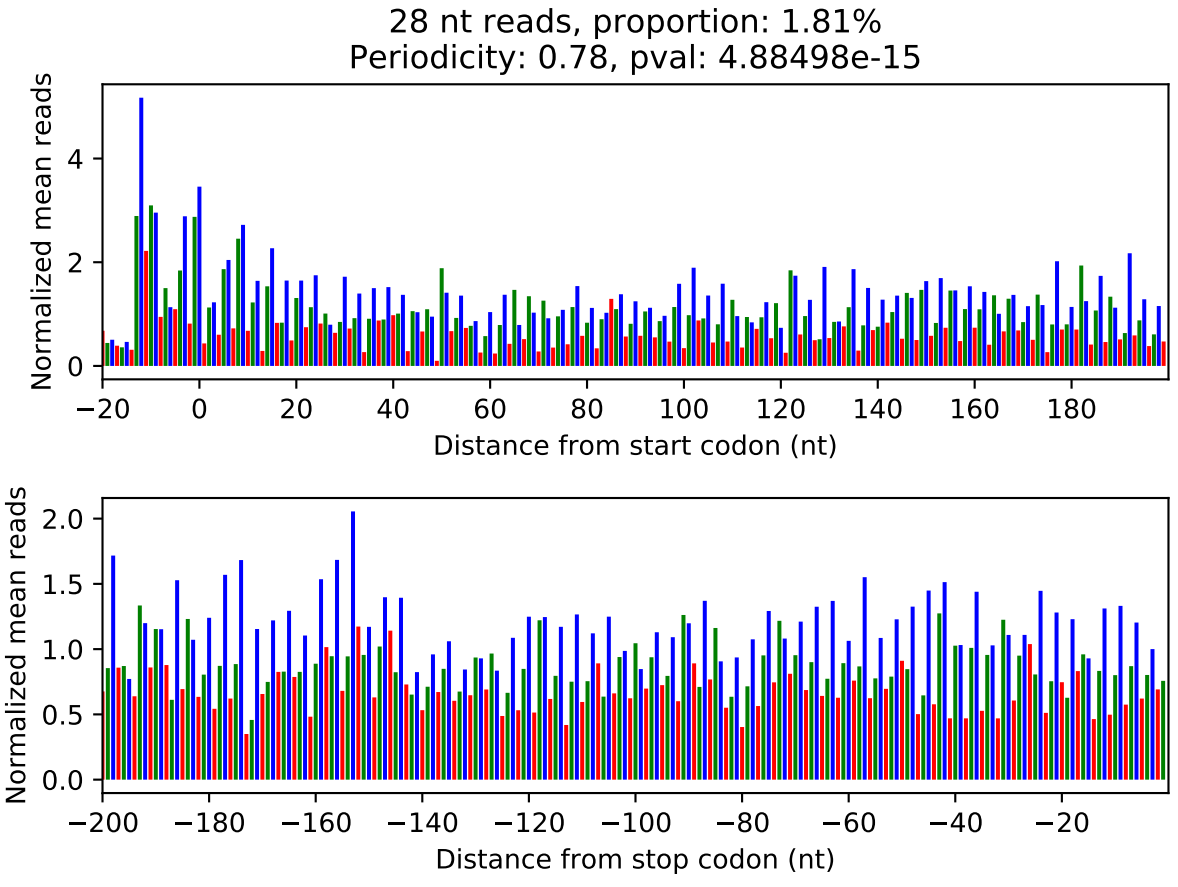

23 nt reads, proportion: 0.92%
Periodicity: 0.39, pval: 4.88498e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

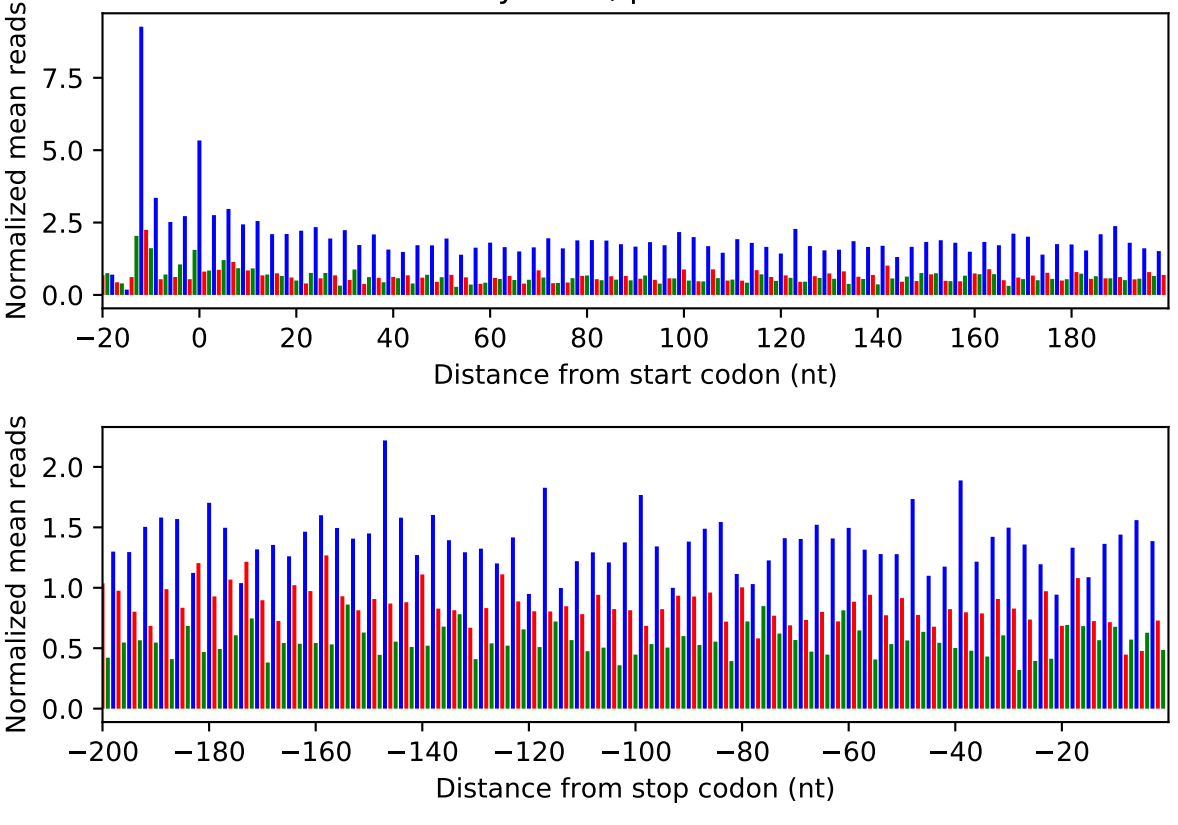

24 nt reads, proportion: 0.46%
Periodicity: 0.78, pval: 4.21885e-15
Normalized mean reads
0
1
2
3
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

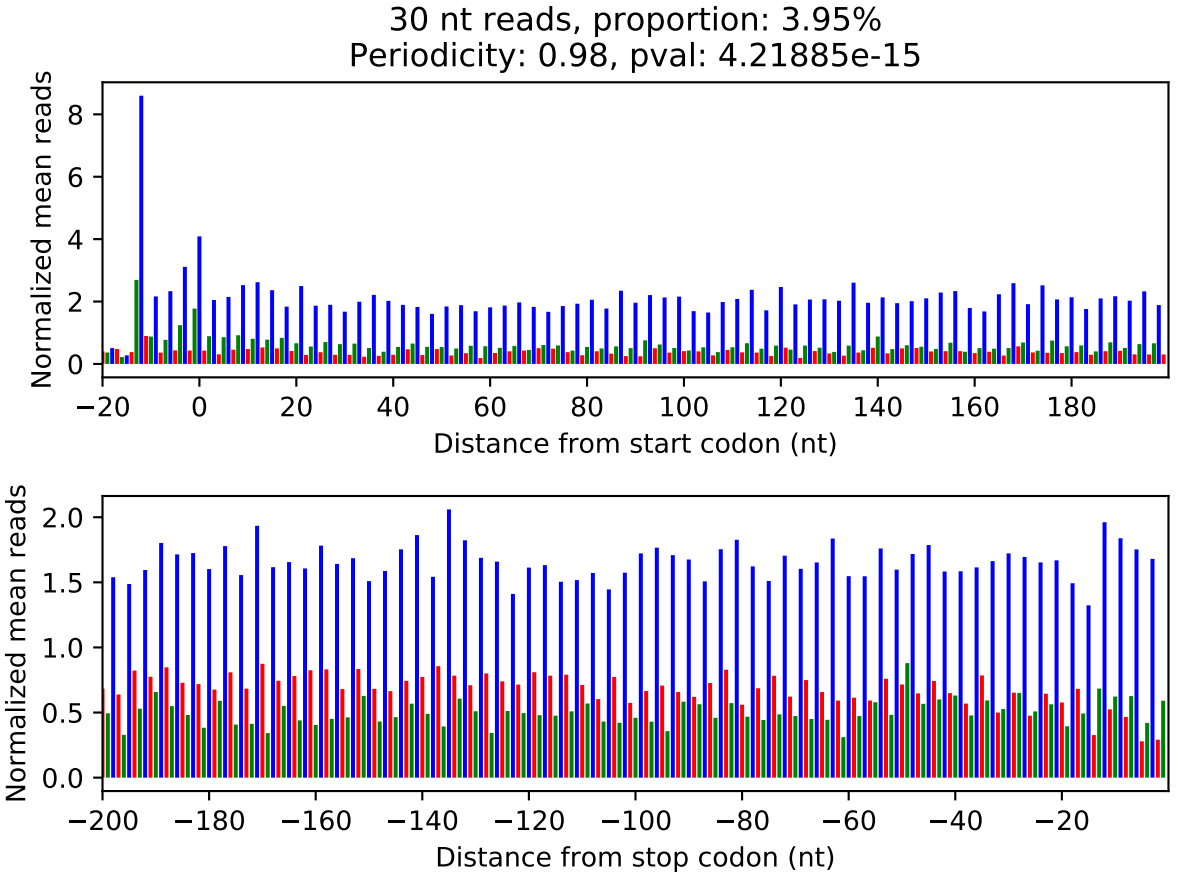

25 nt reads, proportion: 0.66%
Periodicity: 0.74, pval: 4.21885e-15
Normalized mean reads
0
1
2
3
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

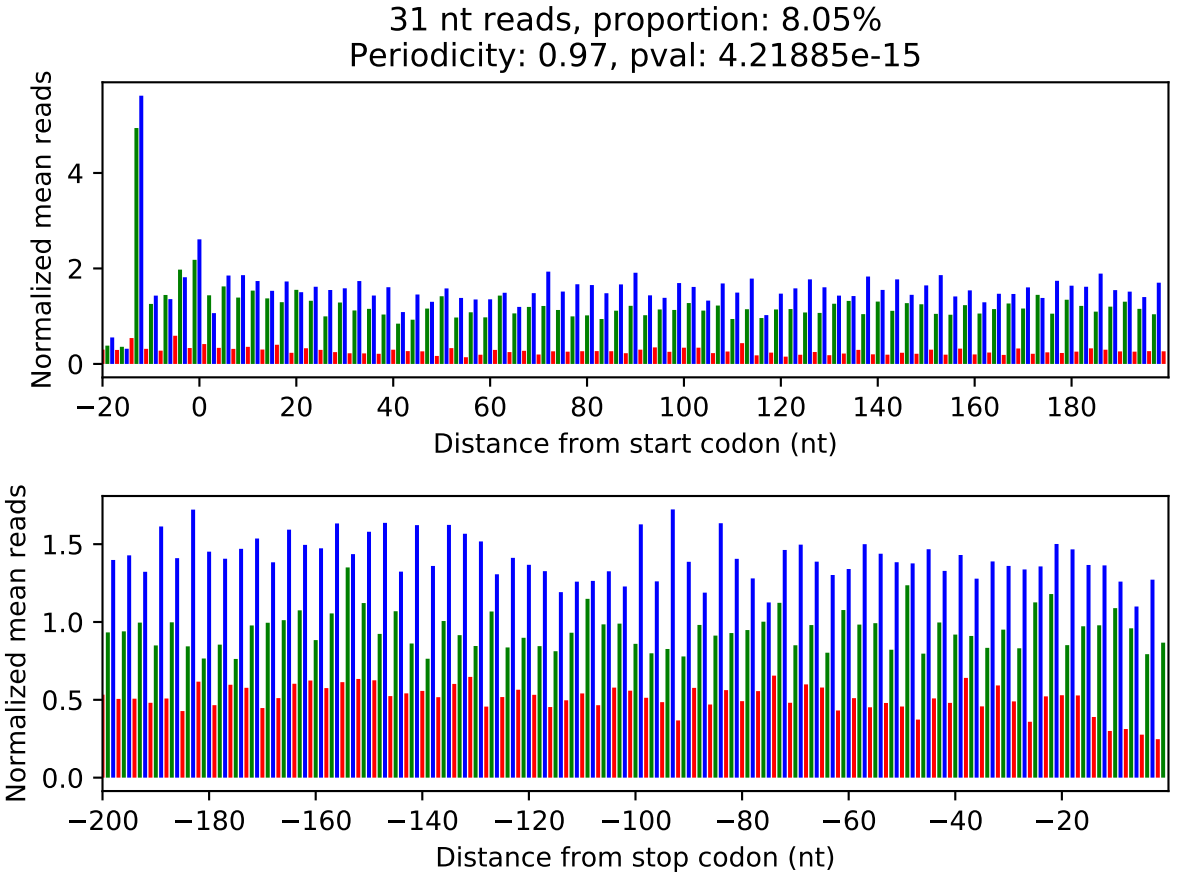

26 nt reads, proportion: 0.82%
Periodicity: 0.44, pval: 4.88498e-15
Normalized mean reads
0
1
2
3
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

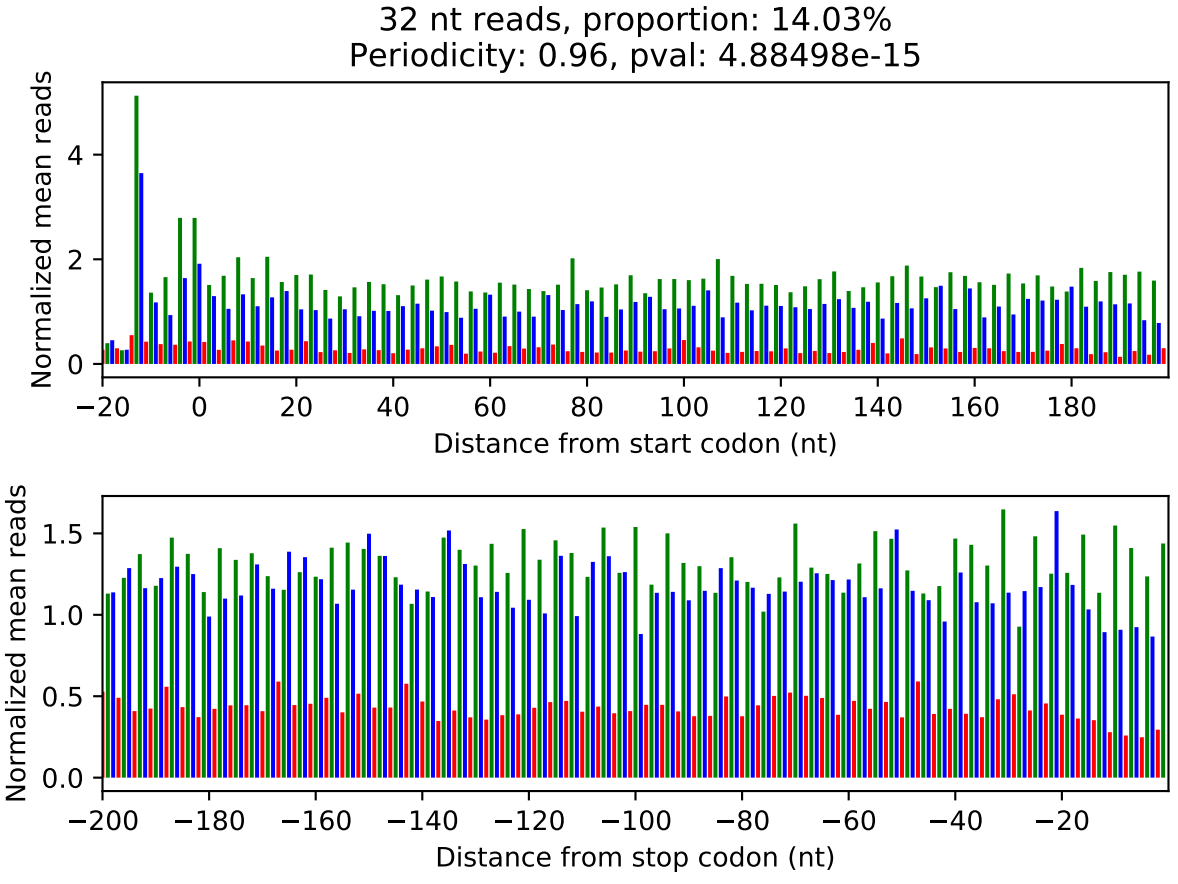

27 nt reads, proportion: 0.73%
Periodicity: 0.87, pval: 4.21885e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

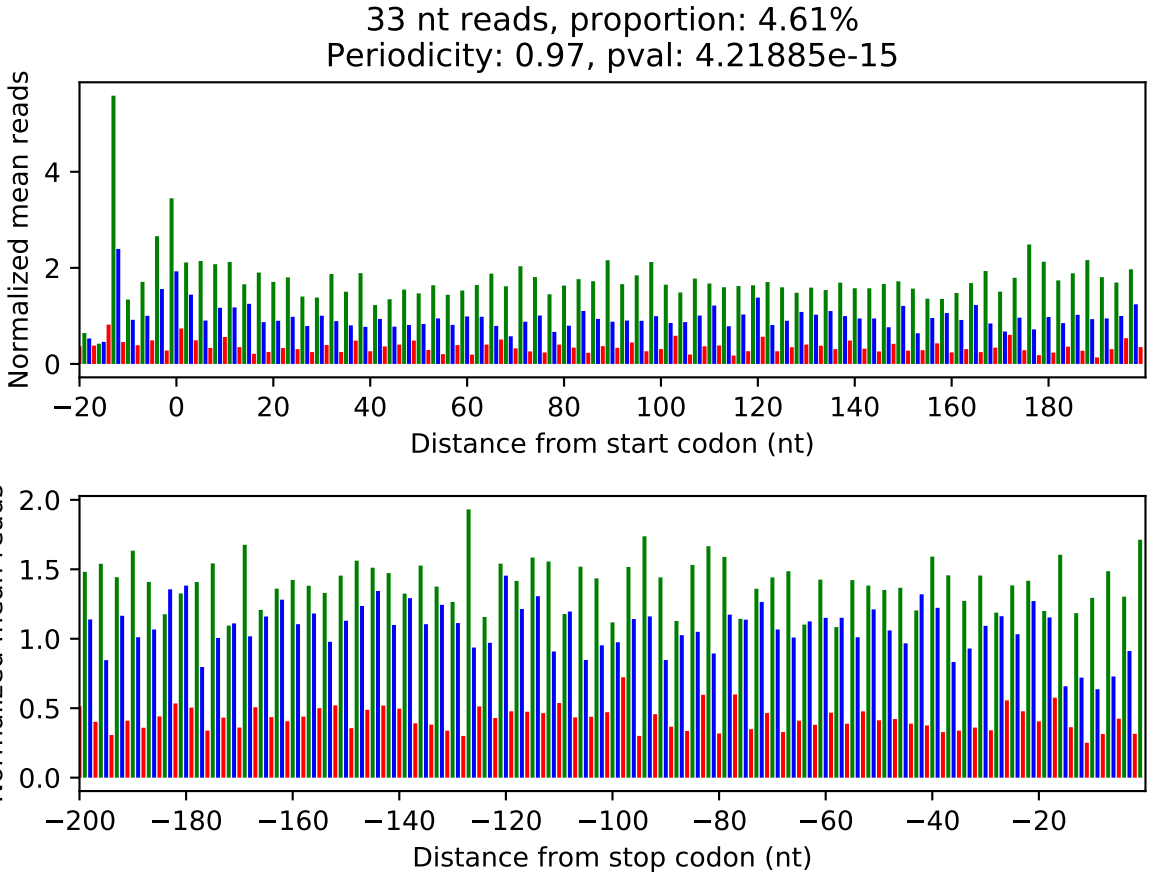

28 nt reads, proportion: 1.81%
Periodicity: 0.78, pval: 4.88498e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

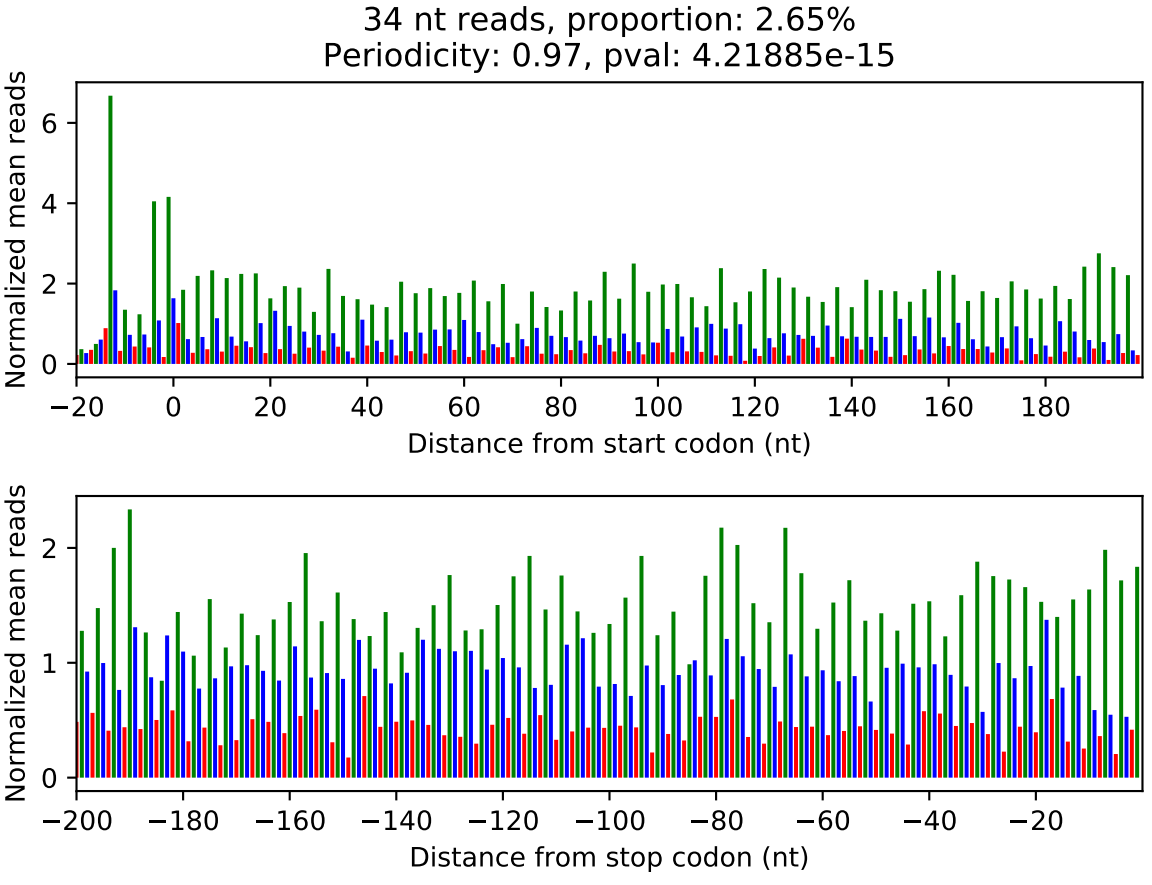

29 nt reads, proportion: 2.41%
Periodicity: 0.95, pval: 4.88498e-15
Normalized mean reads
0.0
2.5
5.0
7.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

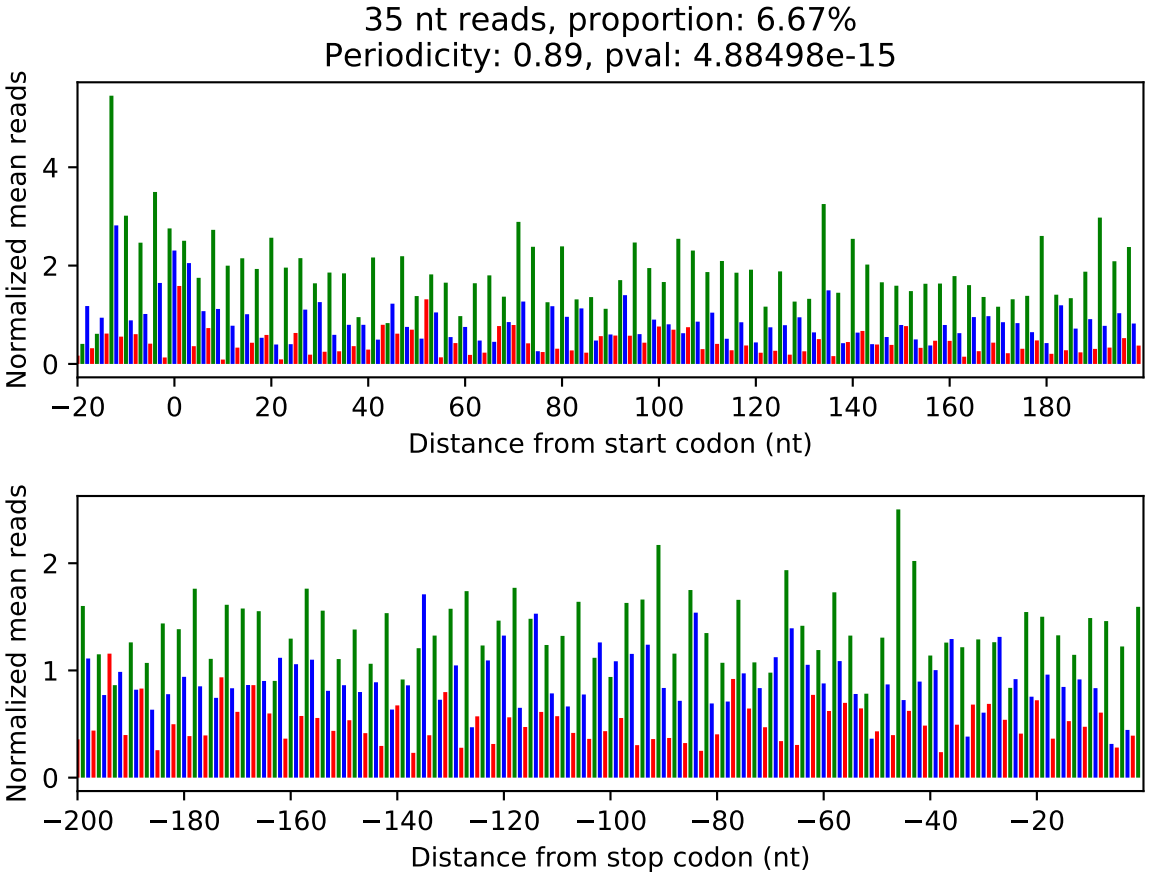

30 nt reads, proportion: 3.95%
Periodicity: 0.98, pval: 4.21885e-15
Normalized mean reads
0
2
4
6
8
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

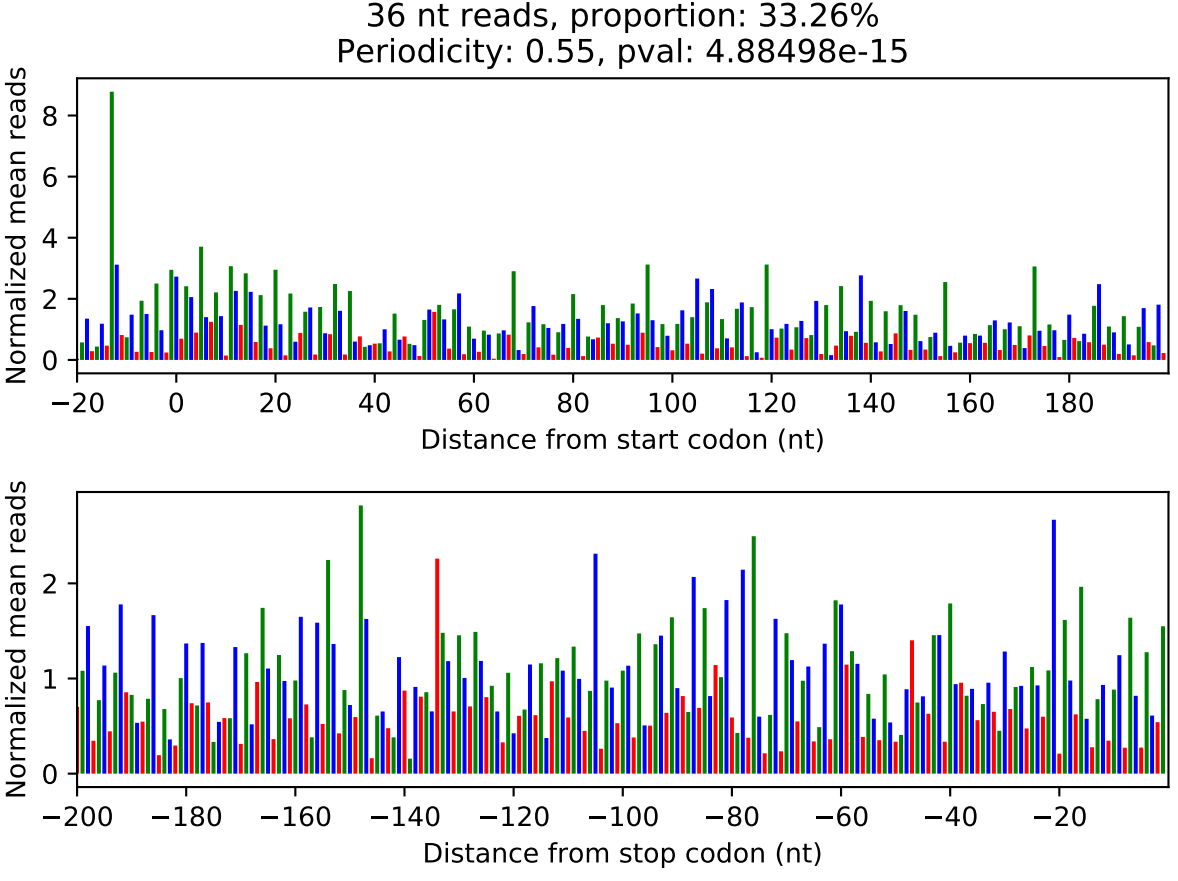

31 nt reads, proportion: 8.05%
Periodicity: 0.97, pval: 4.21885e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

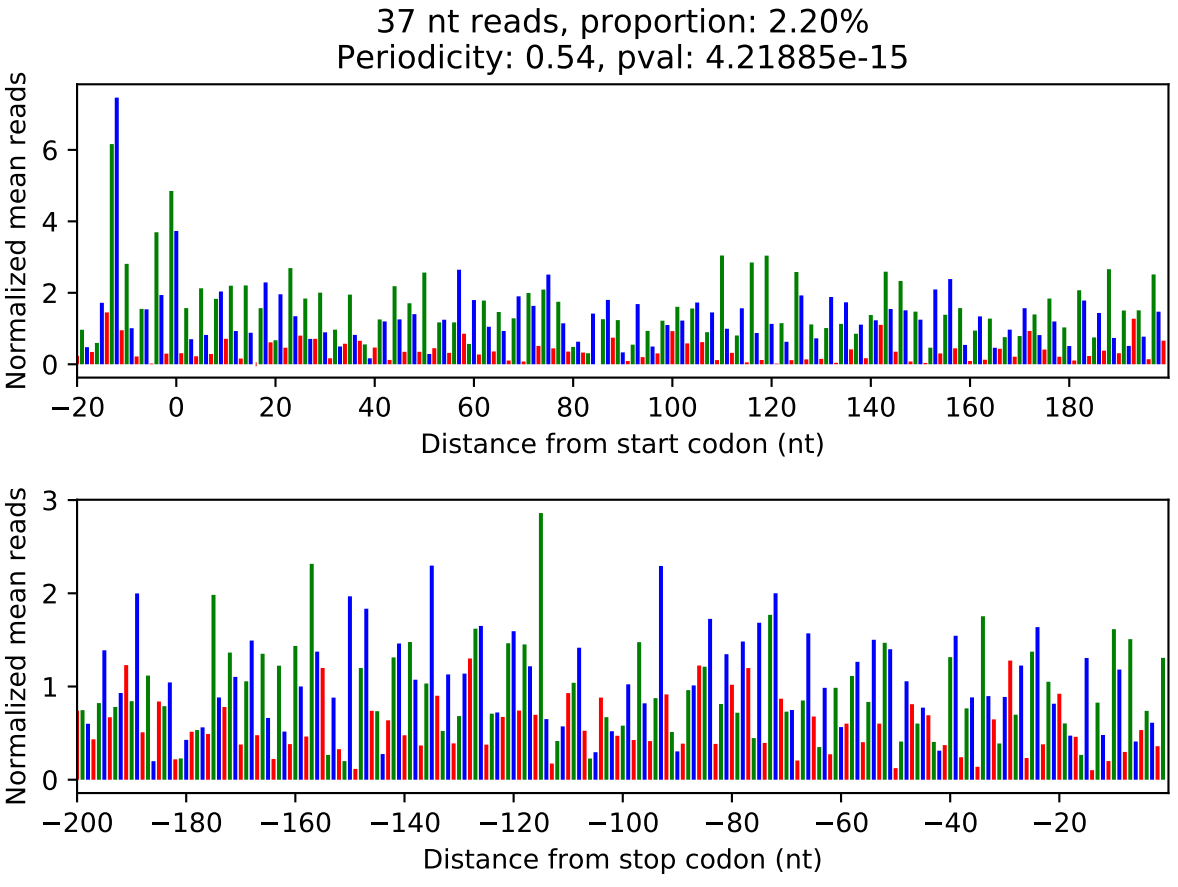

32 nt reads, proportion: 14.03%
Periodicity: 0.96, pval: 4.88498e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

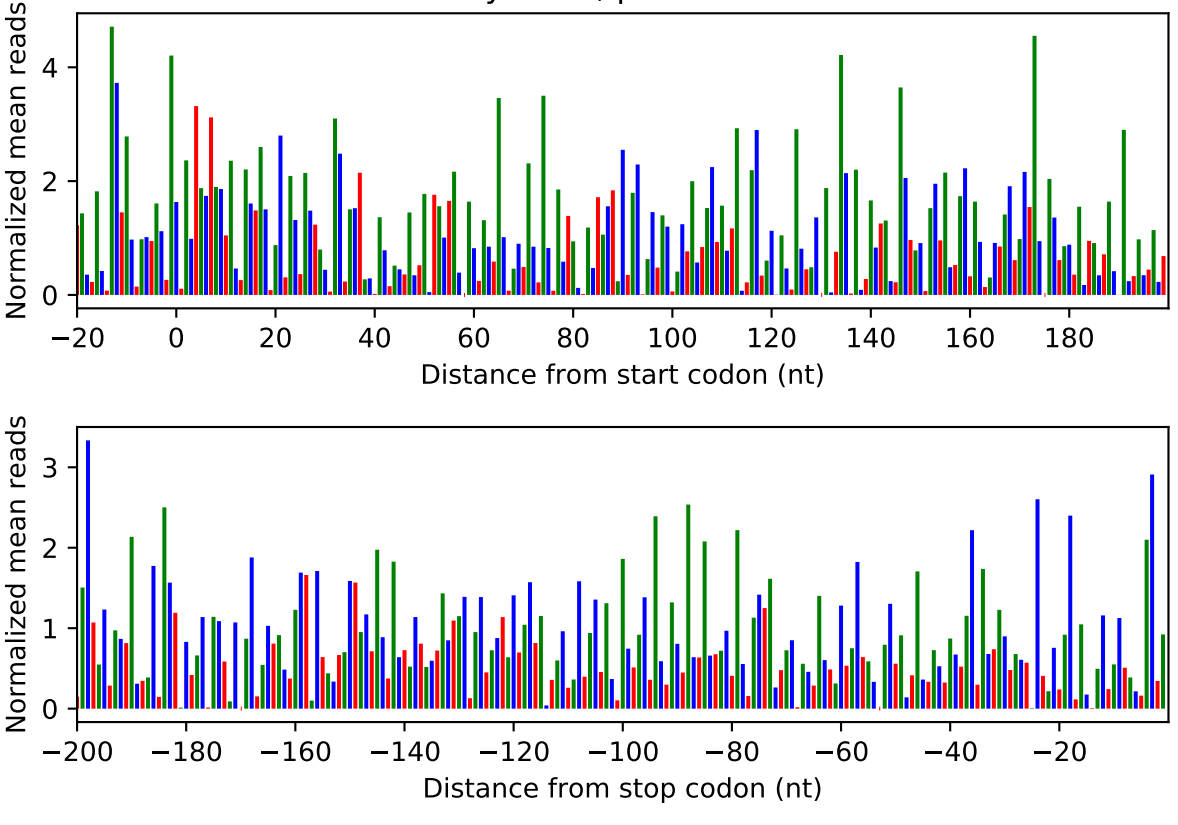

33 nt reads, proportion: 4.61%
Periodicity: 0.97, pval: 4.21885e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

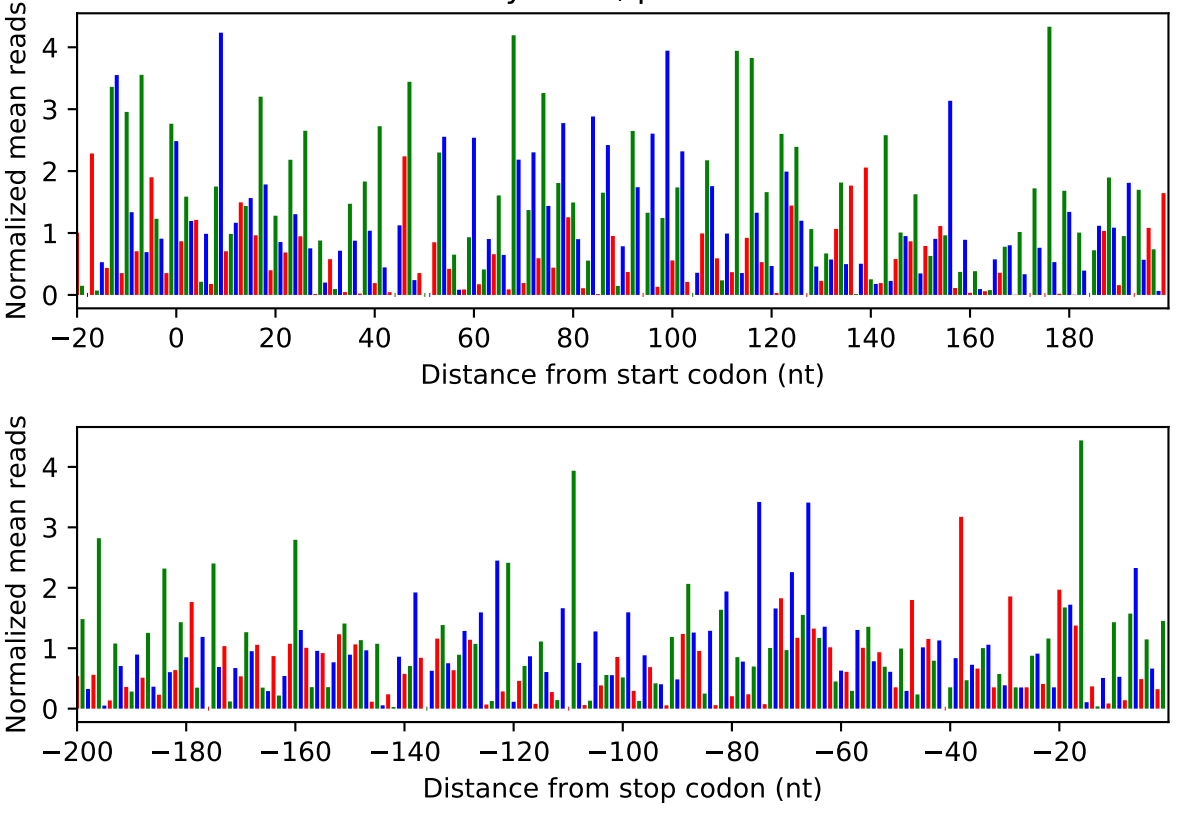

34 nt reads, proportion: 2.65%
Periodicity: 0.97, pval: 4.21885e-15
Normalized mean reads
0
2
4
6
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0
1
2
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

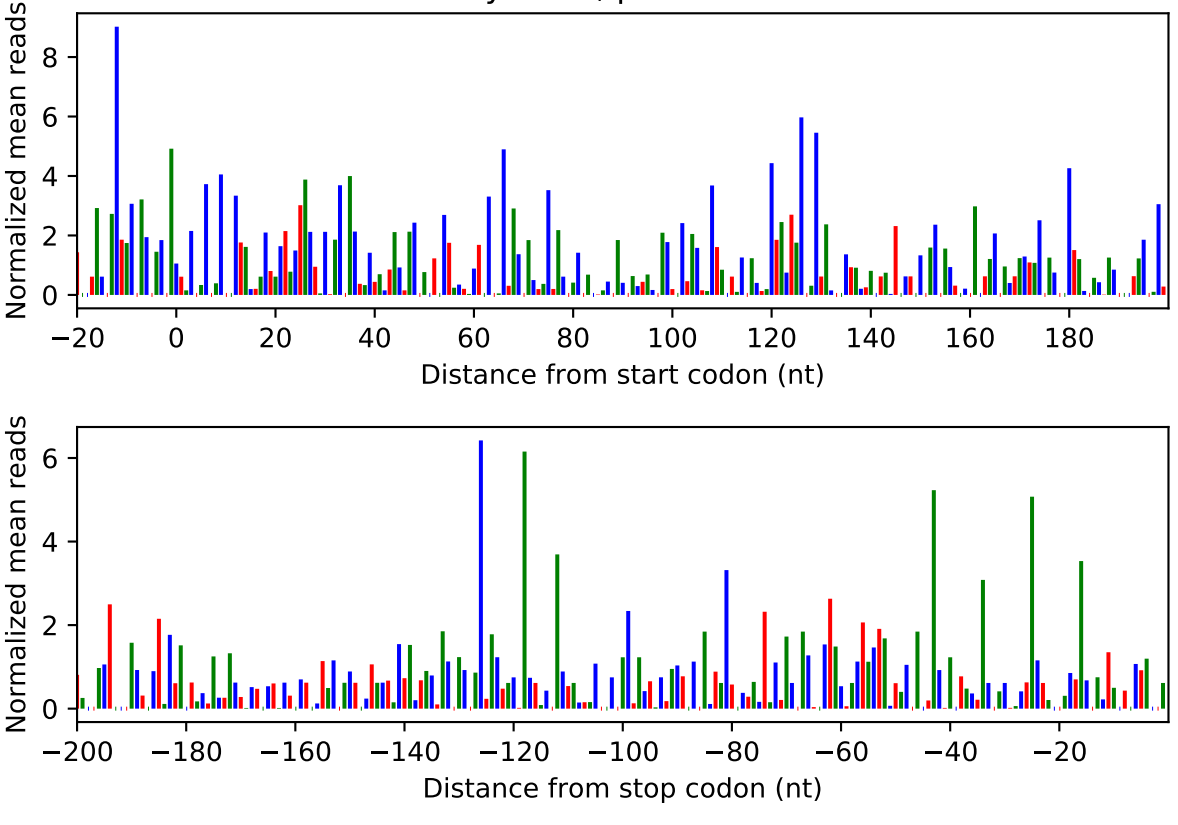

35 nt reads, proportion: 6.67%
Periodicity: 0.89, pval: 4.88498e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0
1
2
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

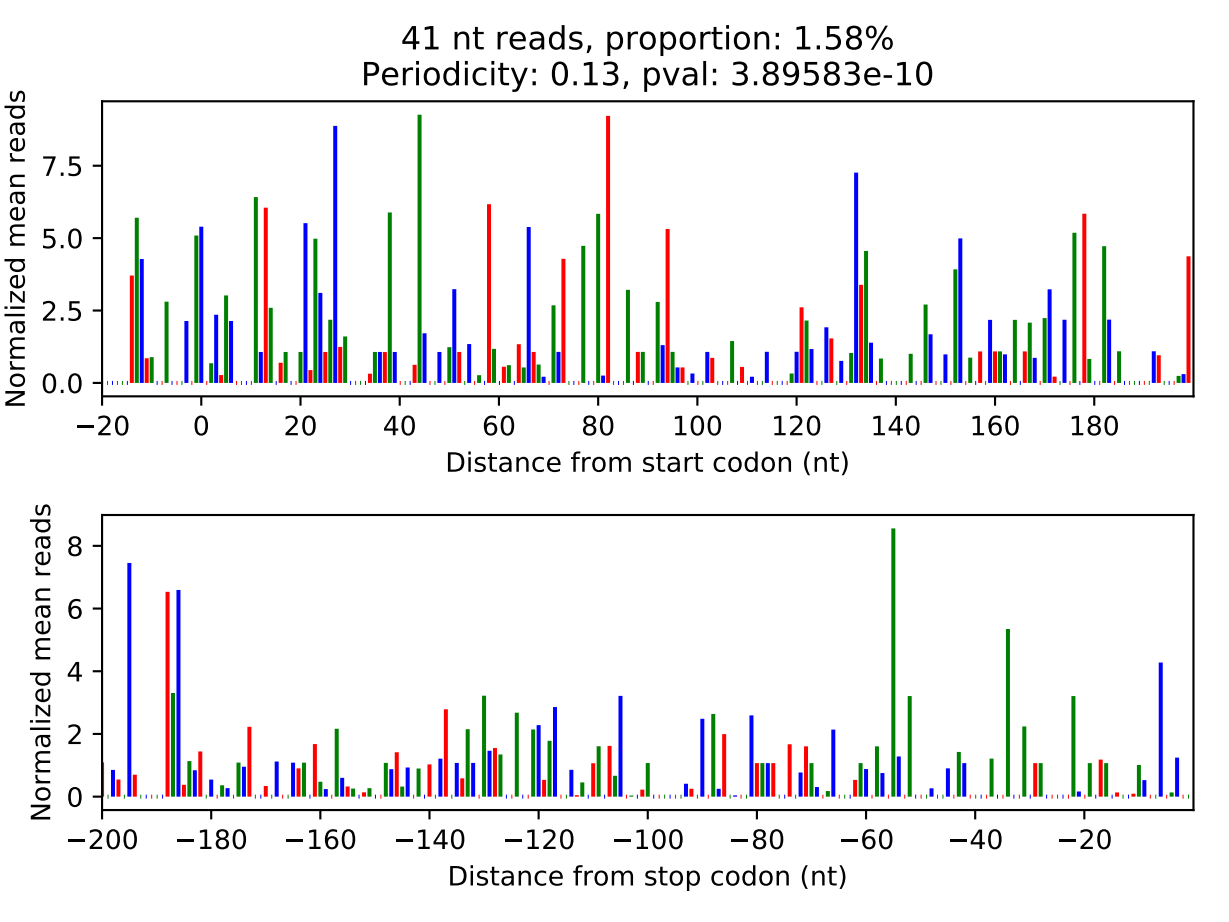

36 nt reads, proportion: 33.26%
Periodicity: 0.55, pval: 4.88498e-15
Normalized mean reads
0
2
4
6
8
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0
1
2
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


37 nt reads, proportion: 2.20%
Periodicity: 0.54, pval: 4.21885e-15
Normalized mean reads
0
2
4
6
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0
1
2
3
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


38 nt reads, proportion: 1.11%
Periodicity: 0.38, 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
1
2
3
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


39 nt reads, proportion: 1.65%
Periodicity: 0.19, pval: 4.996e-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
1
2
3
4
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


40 nt reads, proportion: 11.16%
Periodicity: 0.14, pval: 1.12066e-12
Normalized mean reads
0
2
4
6
8
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0
2
4
6
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


41 nt reads, proportion: 1.58%
Periodicity: 0.13, pval: 3.89583e-10
Normalized mean reads
0.0
2.5
5.0
7.5
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0
2
4
6
8
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)