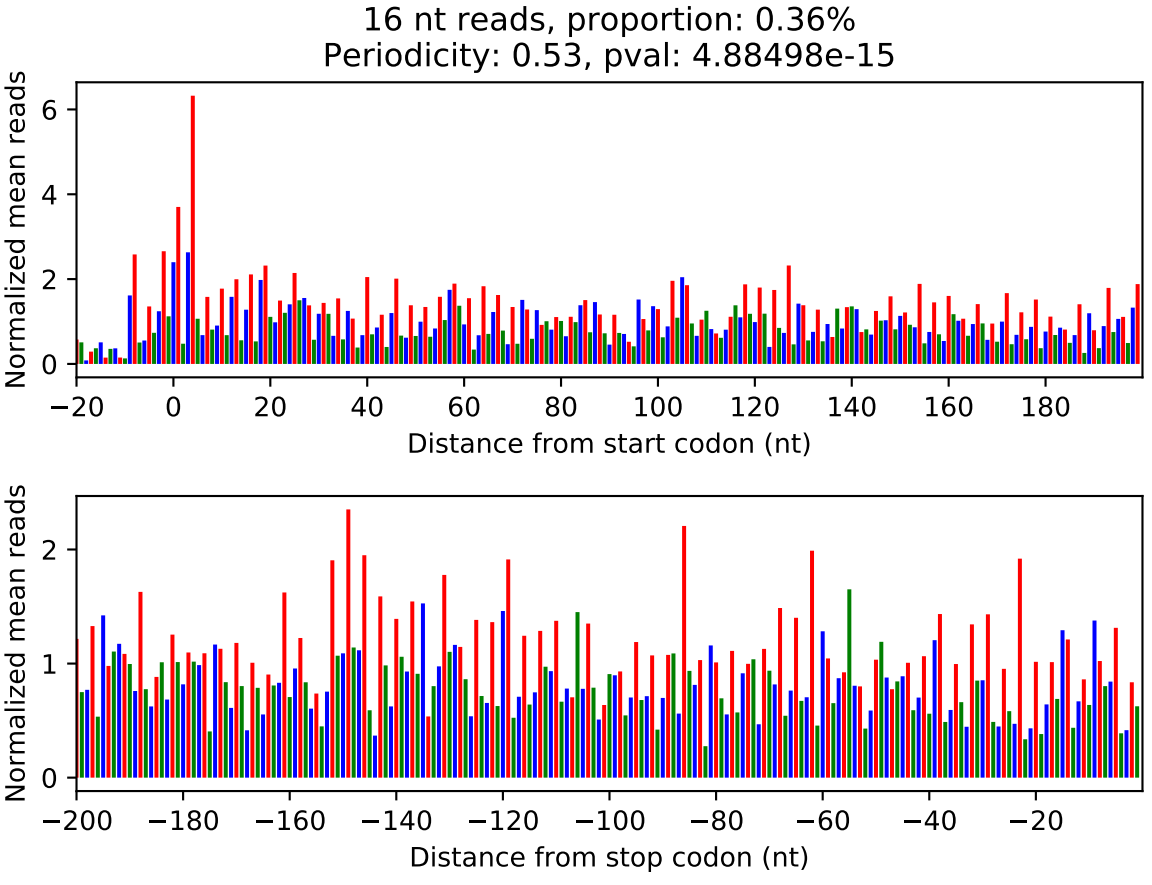
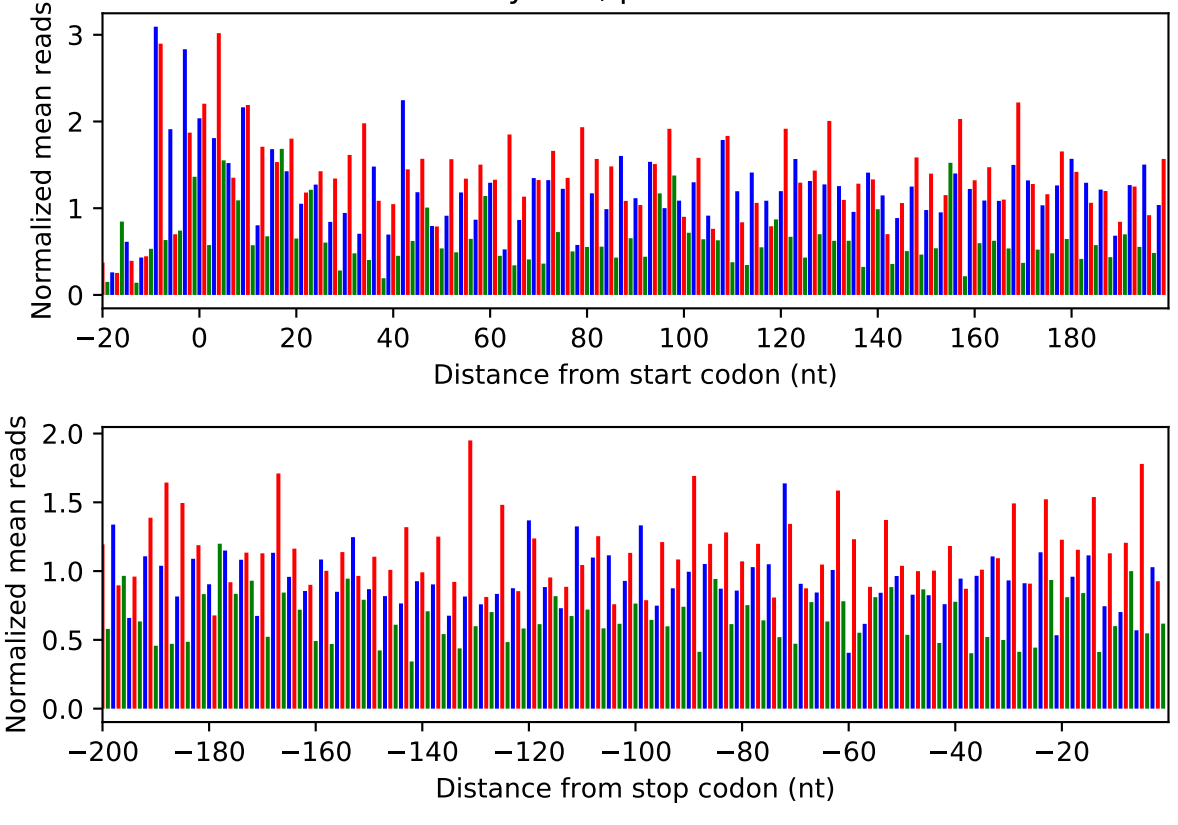
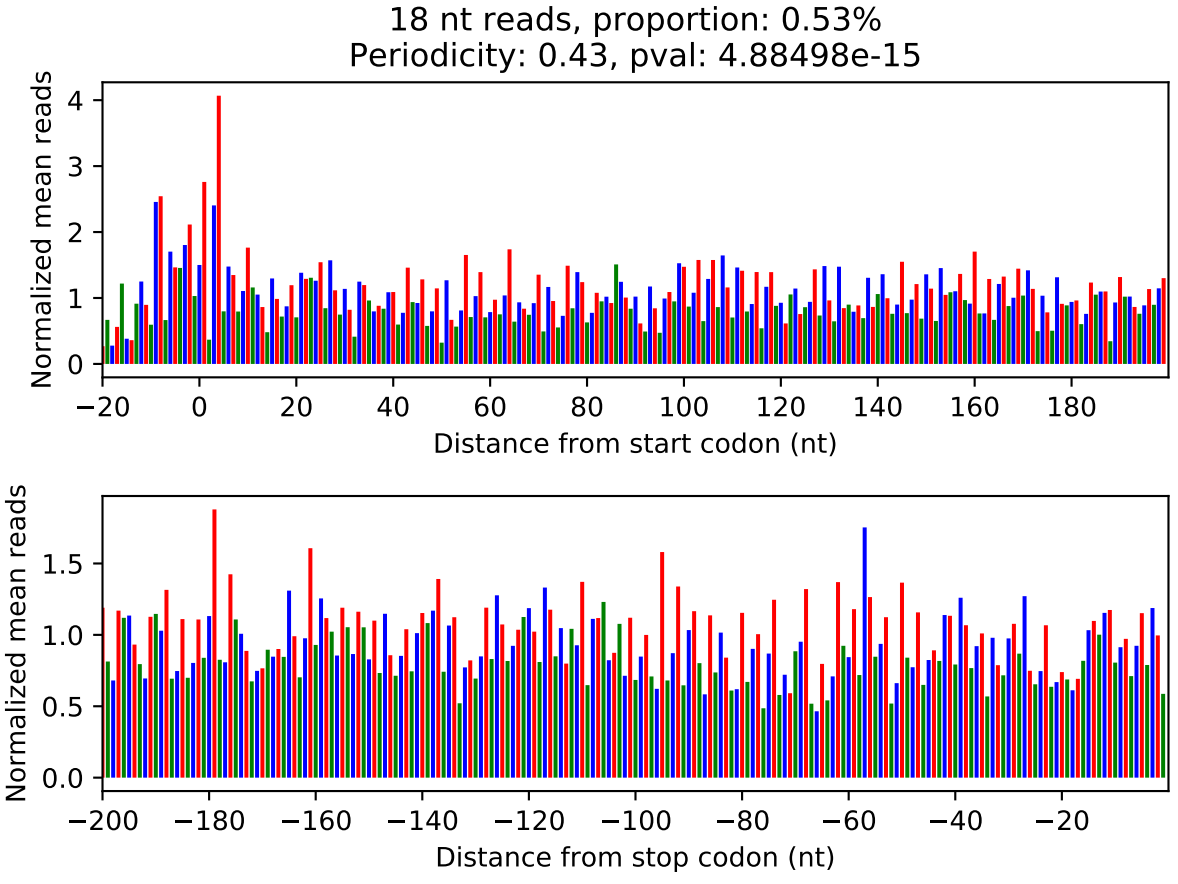
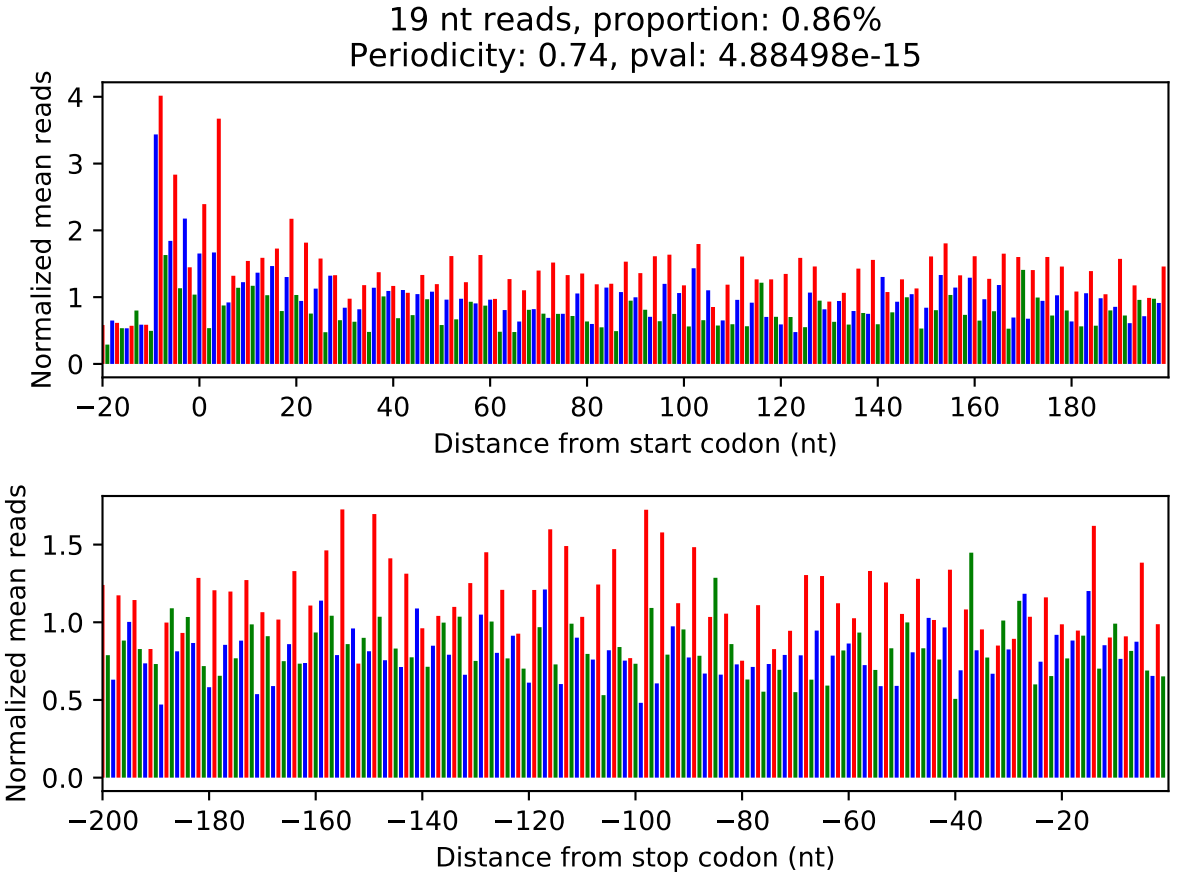
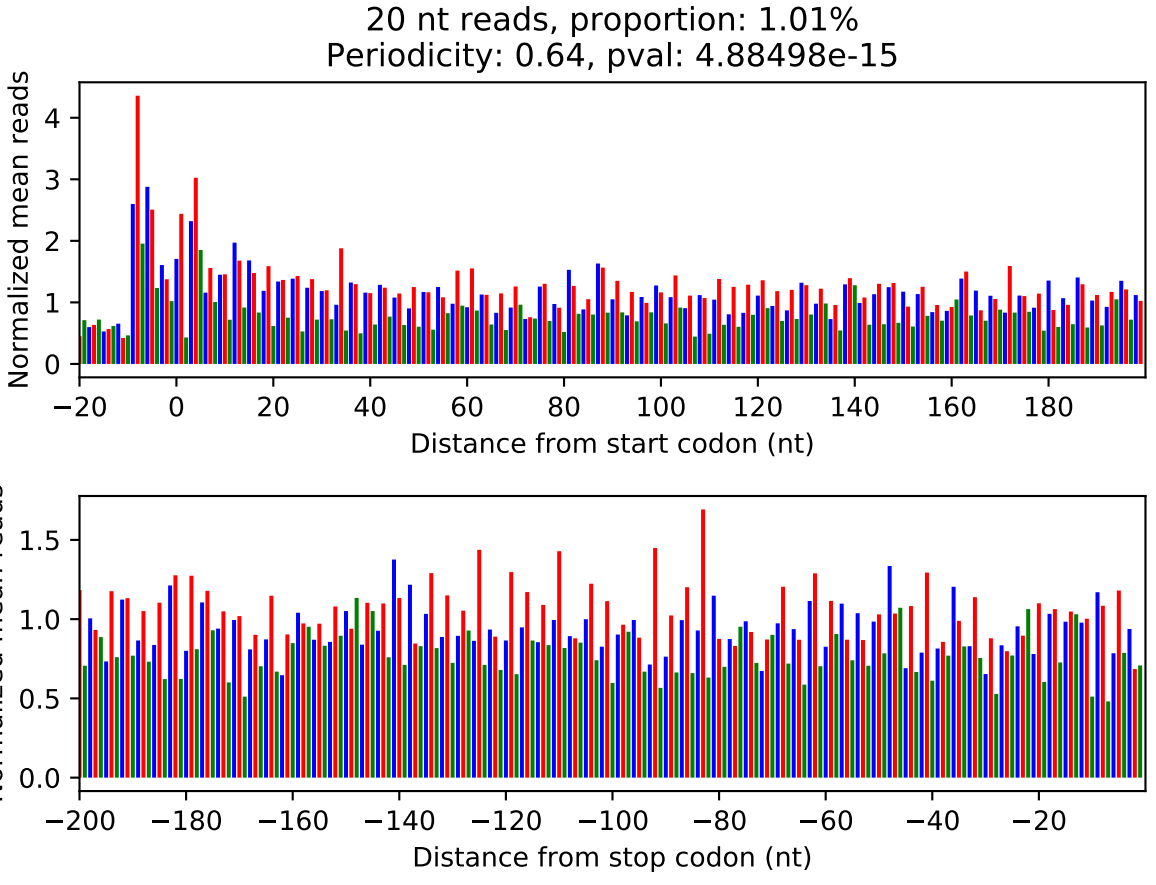
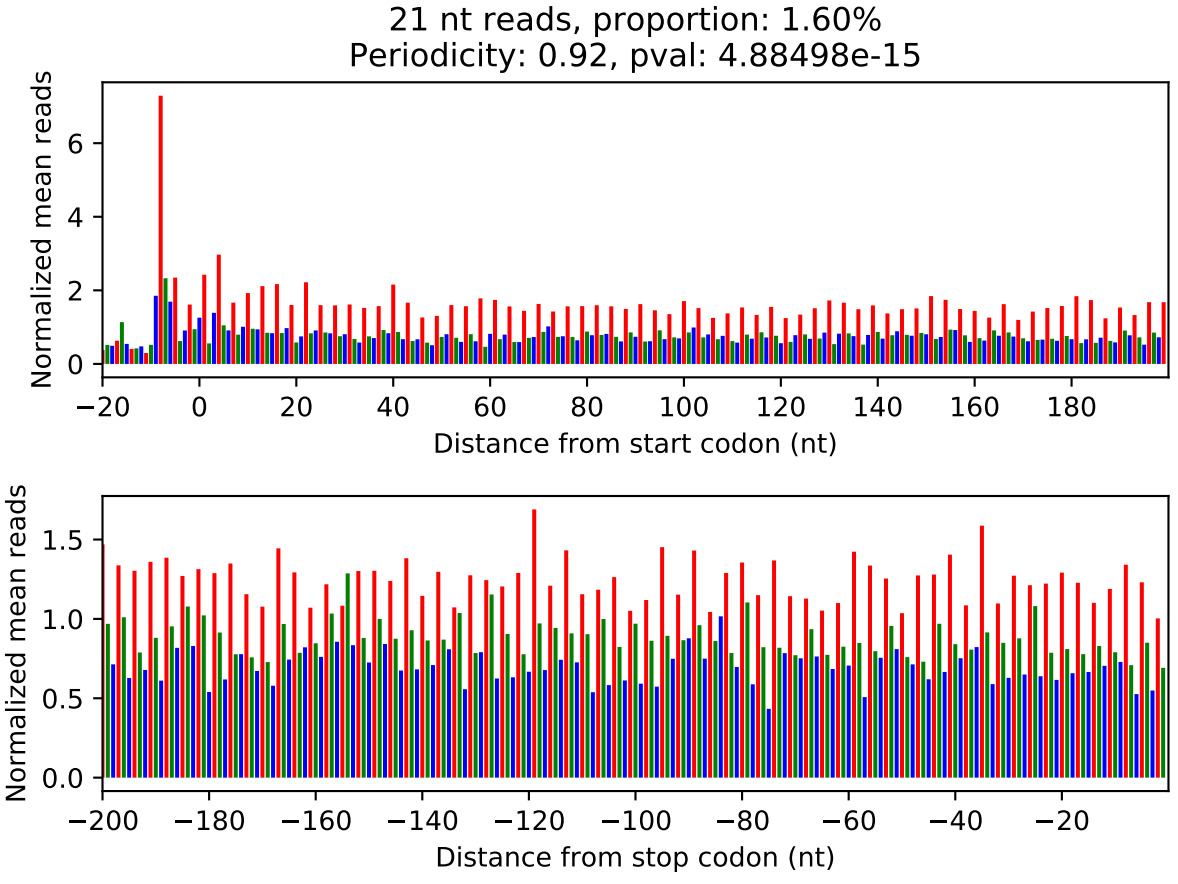

16 nt reads, proportion: 0.36%
Periodicity: 0.53, pval: 4.88498e-15
Normalized mean reads
0
2
4
6
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0
1
2
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

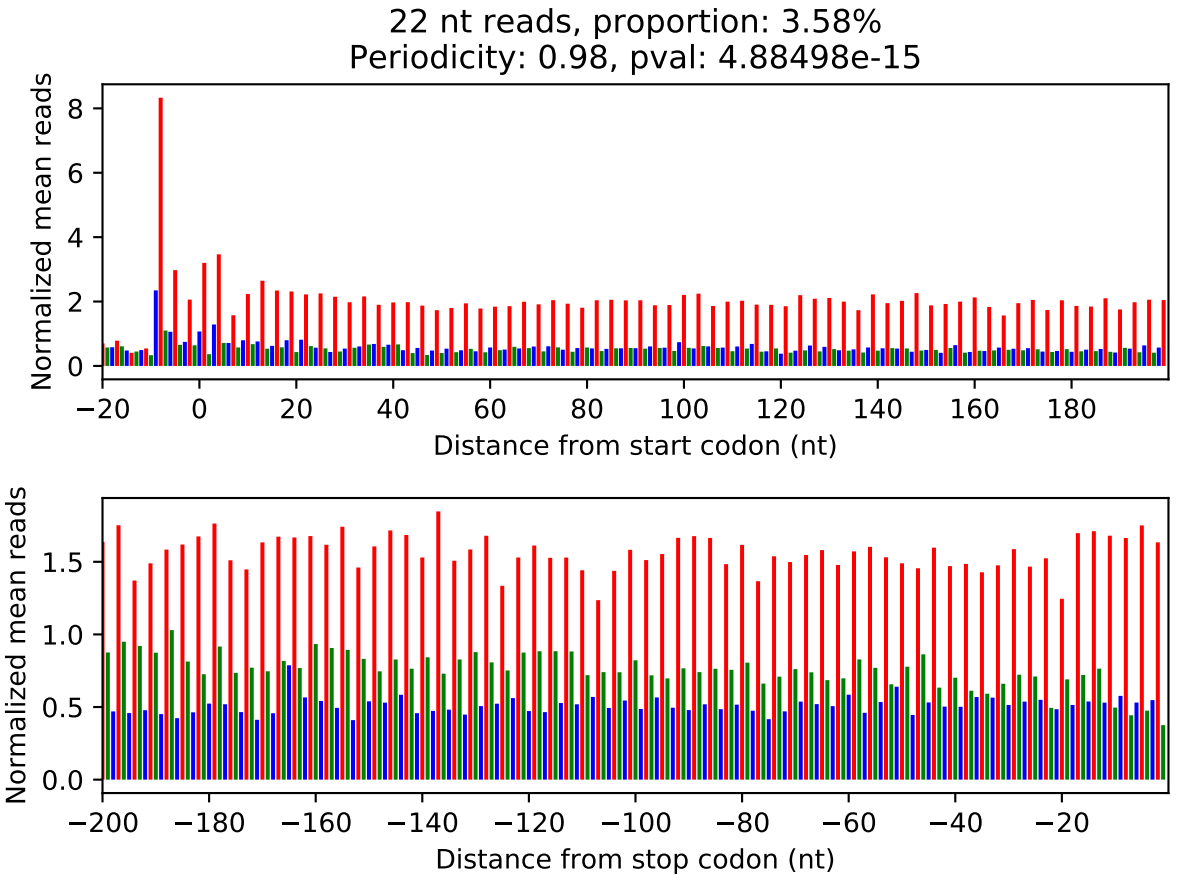

17 nt reads, proportion: 0.29%
Periodicity: 0.7, pval: 4.88498e-15
Normalized mean reads
0
1
2
3
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

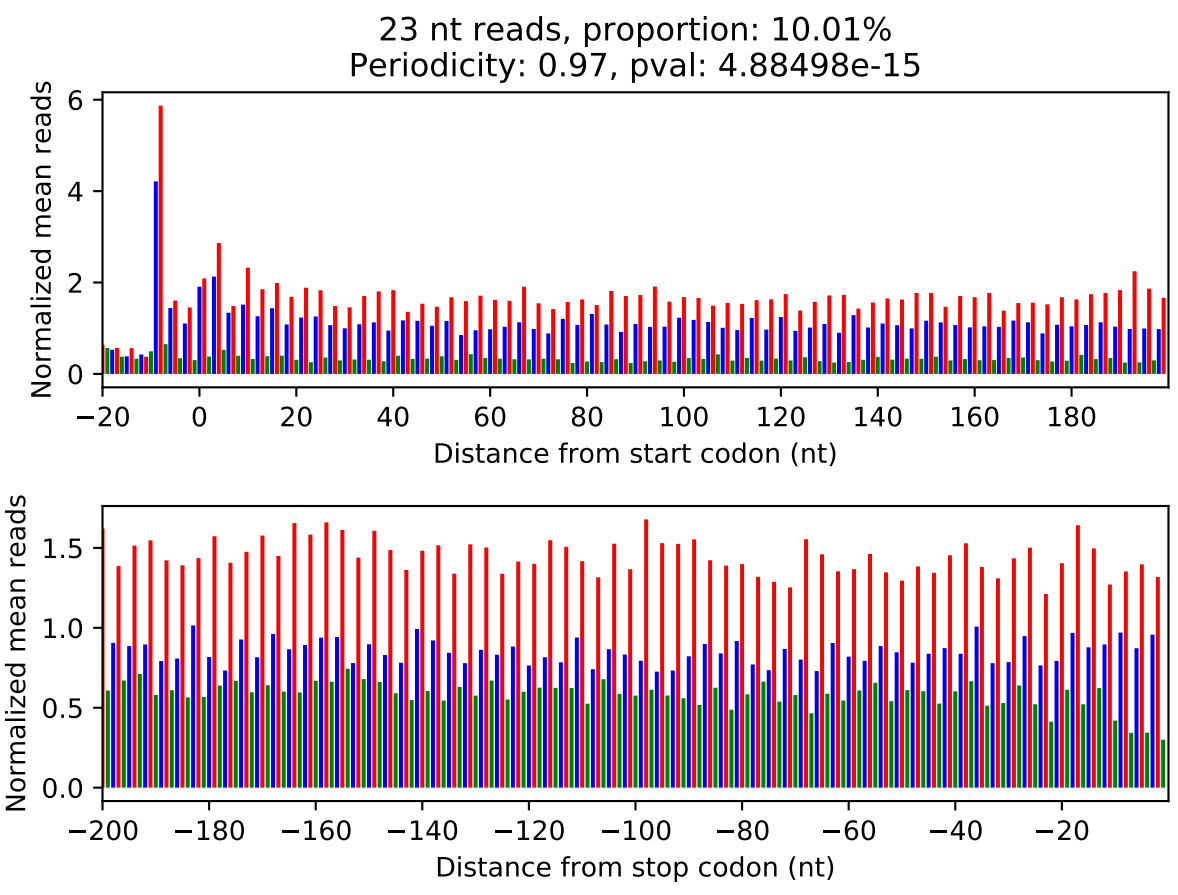

18 nt reads, proportion: 0.53%
Periodicity: 0.43, pval: 4.88498e-15
Normalized mean reads
0
1
2
3
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

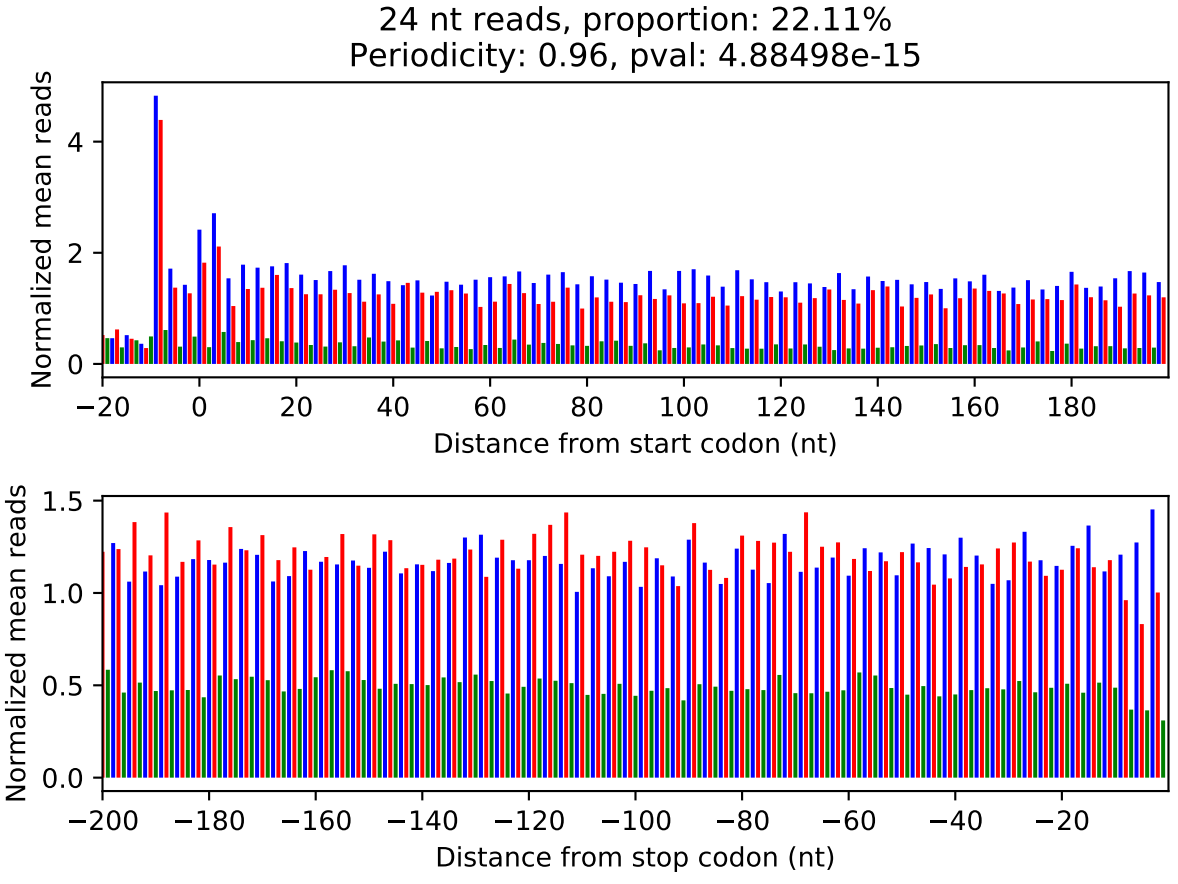

19 nt reads, proportion: 0.86%
Periodicity: 0.74, pval: 4.88498e-15
Normalized mean reads
0
1
2
3
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

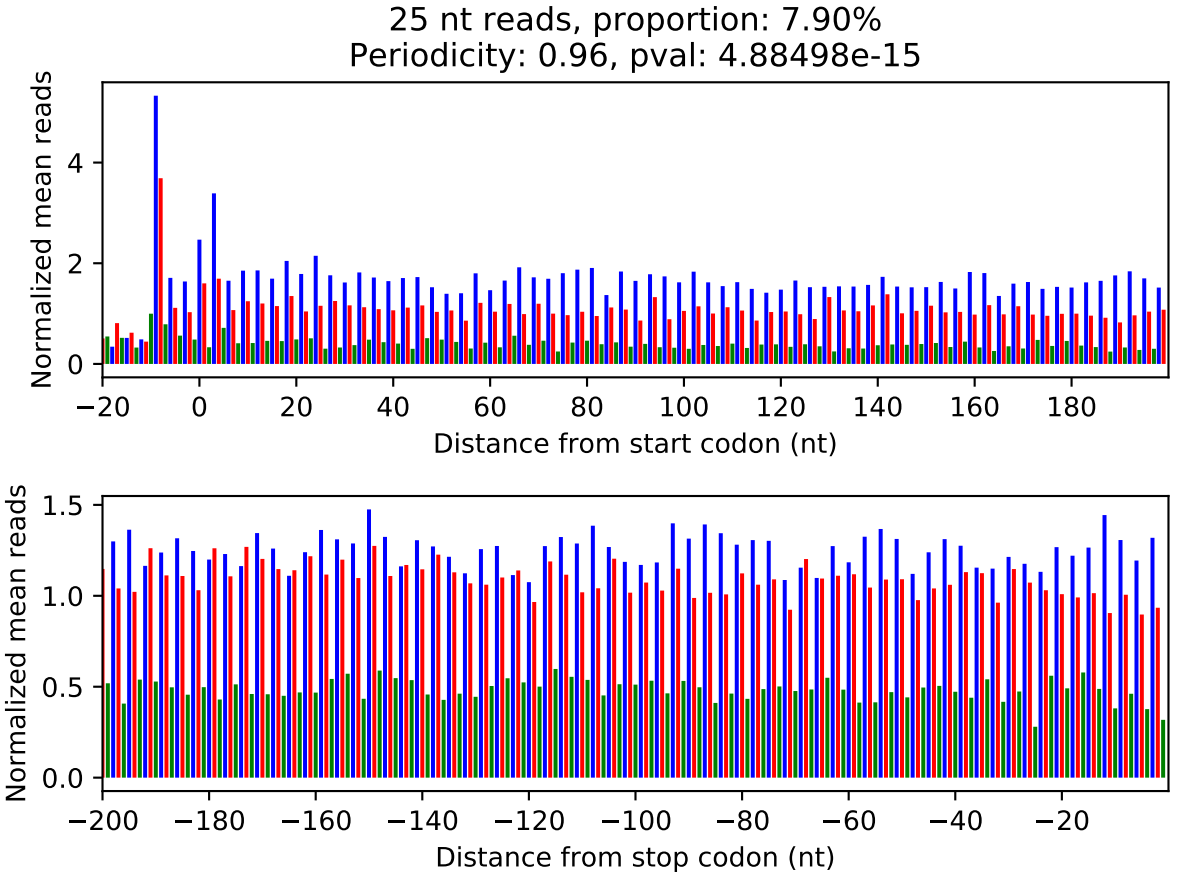

20 nt reads, proportion: 1.01%
Periodicity: 0.64, pval: 4.88498e-15
Normalized mean reads
0
1
2
3
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

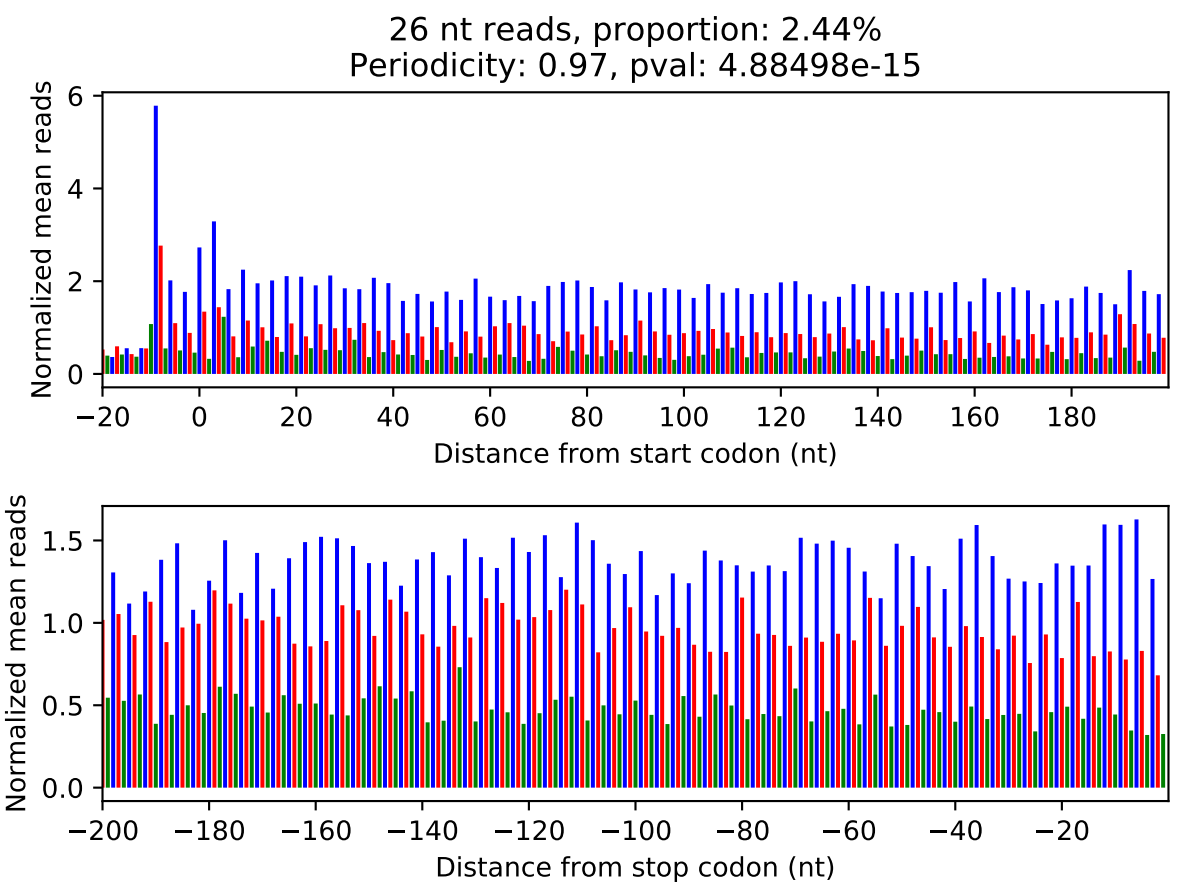

21 nt reads, proportion: 1.60%
Periodicity: 0.92, pval: 4.88498e-15
Normalized mean reads
0
2
4
6
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

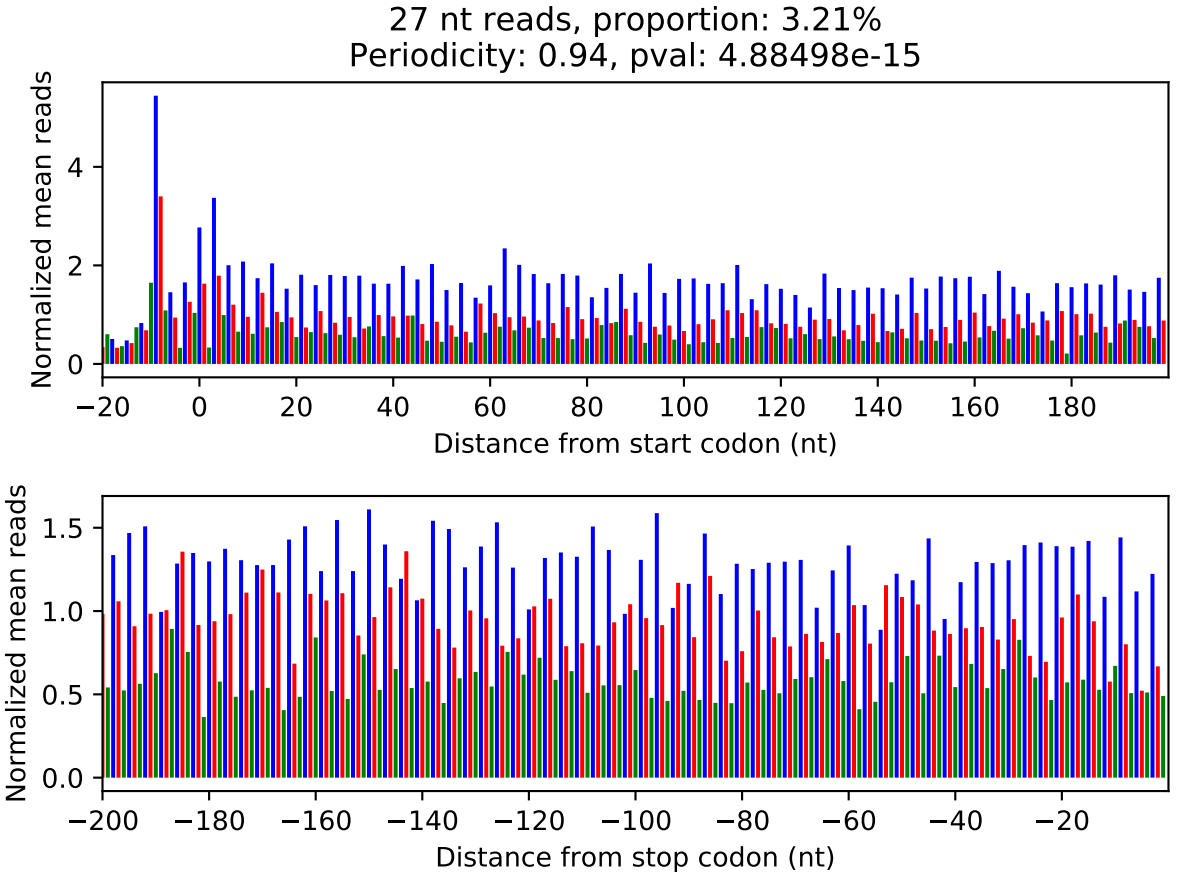

22 nt reads, proportion: 3.58%
Periodicity: 0.98, pval: 4.88498e-15
Normalized mean reads
0
2
4
6
8
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

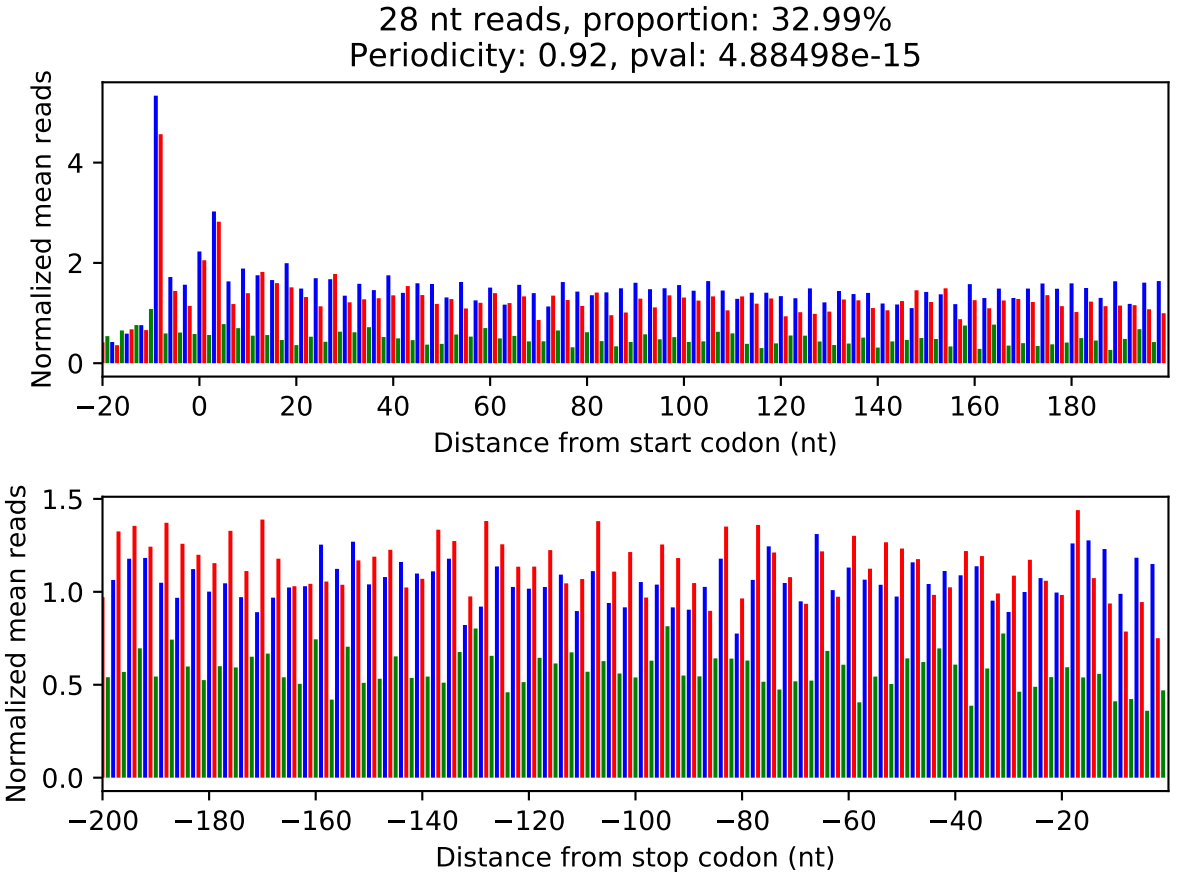

23 nt reads, proportion: 10.01%
Periodicity: 0.97, pval: 4.88498e-15
Normalized mean reads
0
2
4
6
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

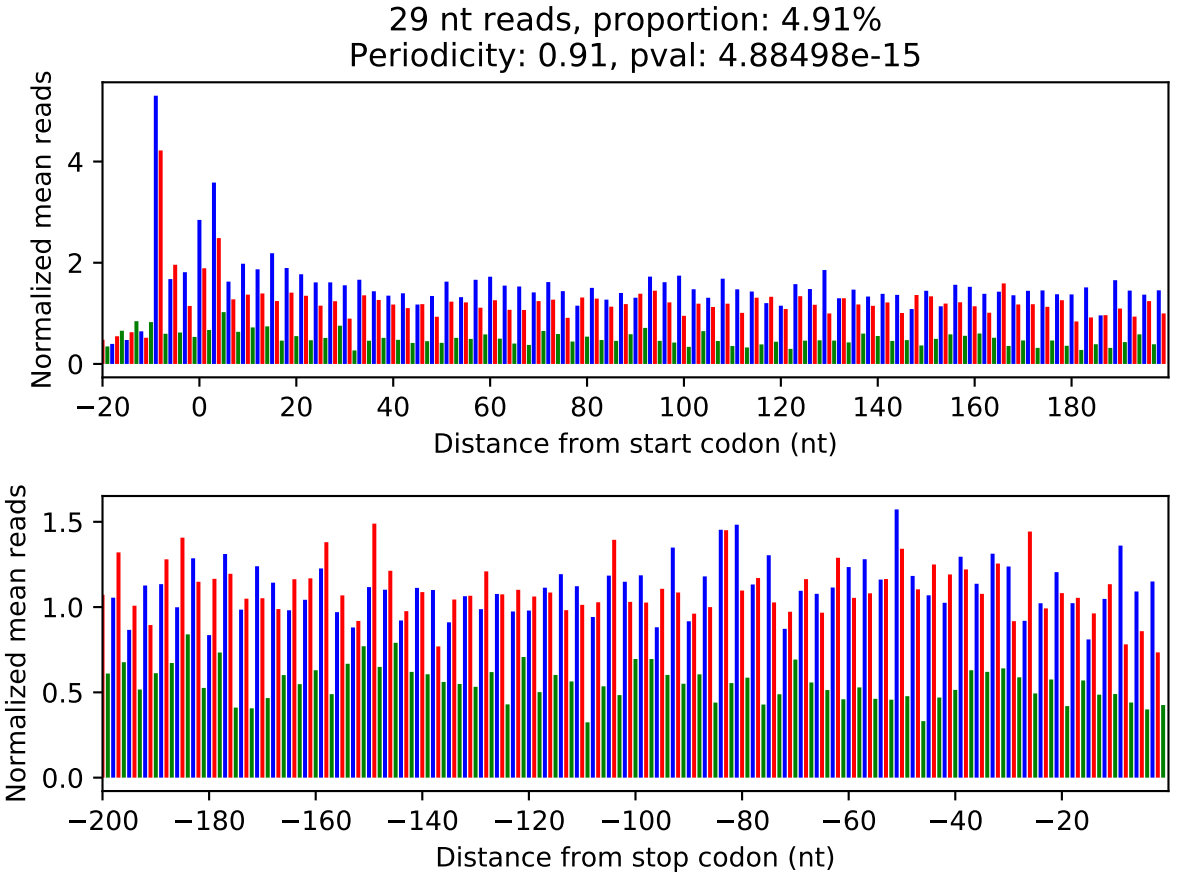

24 nt reads, proportion: 22.11%
Periodicity: 0.96, pval: 4.88498e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

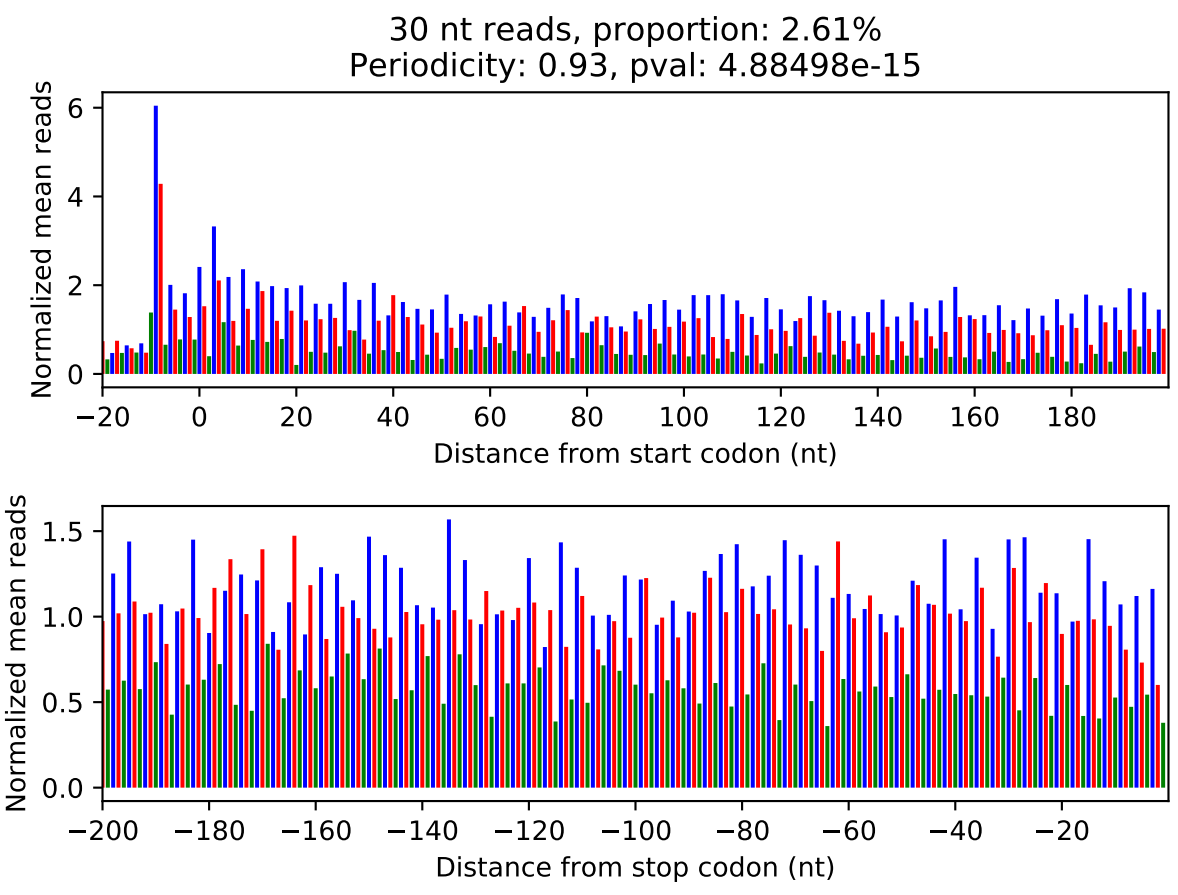

25 nt reads, proportion: 7.90%
Periodicity: 0.96, pval: 4.88498e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

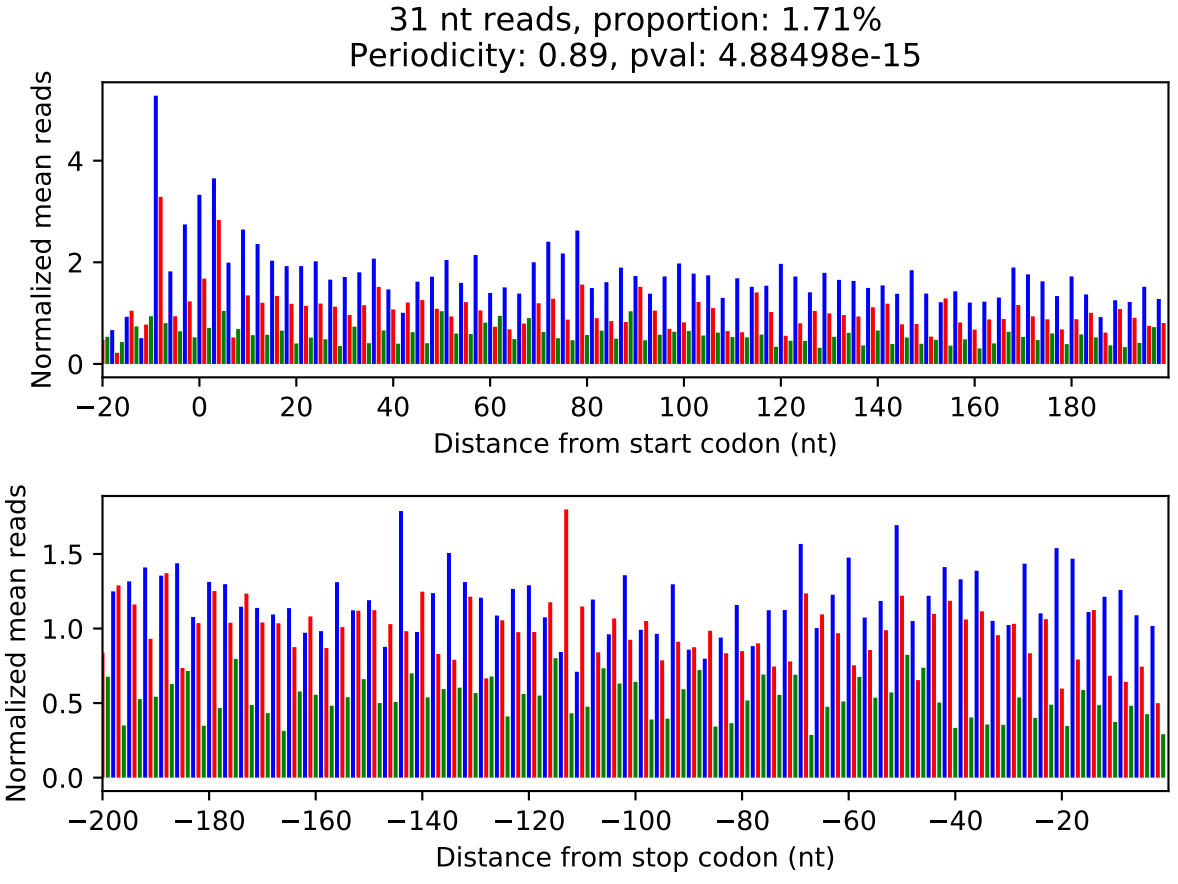

26 nt reads, proportion: 2.44%
Periodicity: 0.97, pval: 4.88498e-15
Normalized mean reads
0
2
4
6
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

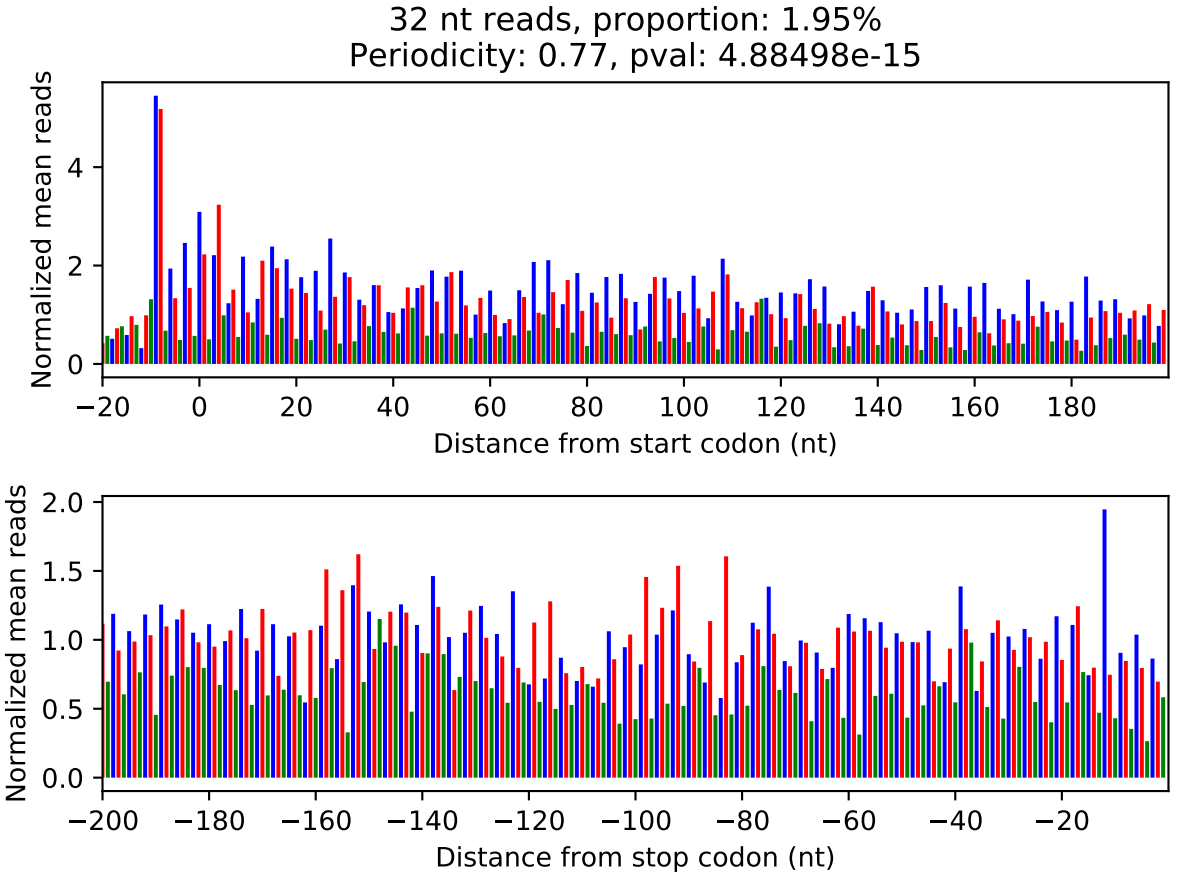

27 nt reads, proportion: 3.21%
Periodicity: 0.94, pval: 4.88498e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

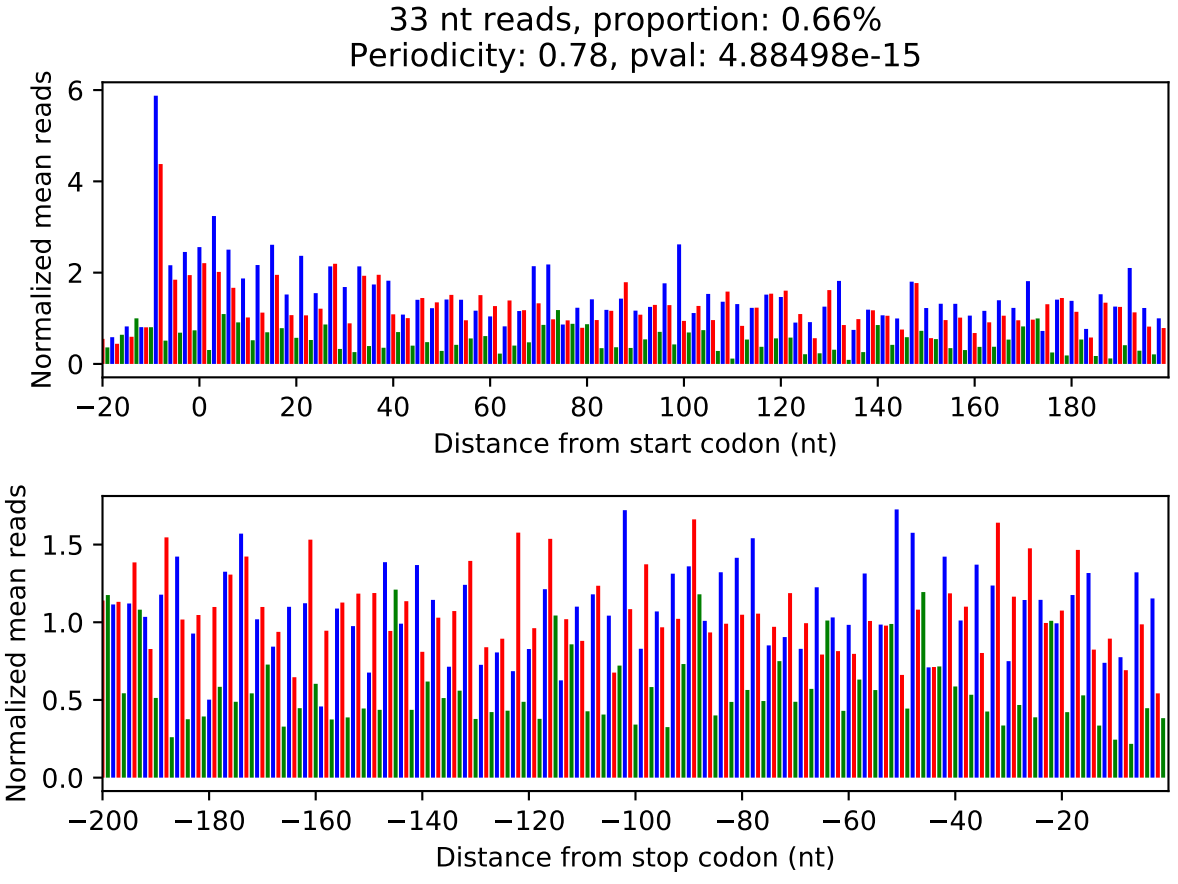

28 nt reads, proportion: 32.99%
Periodicity: 0.92, pval: 4.88498e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

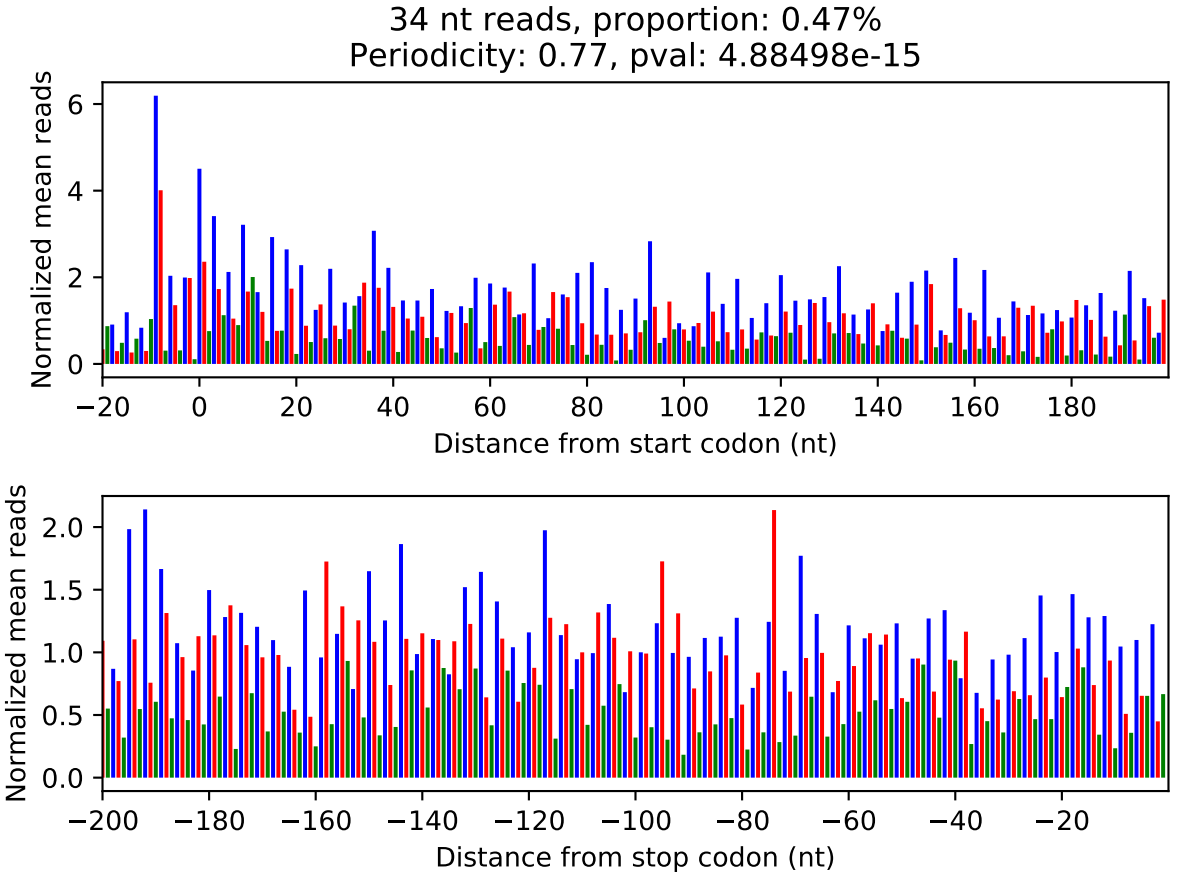

29 nt reads, proportion: 4.91%
Periodicity: 0.91, pval: 4.88498e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

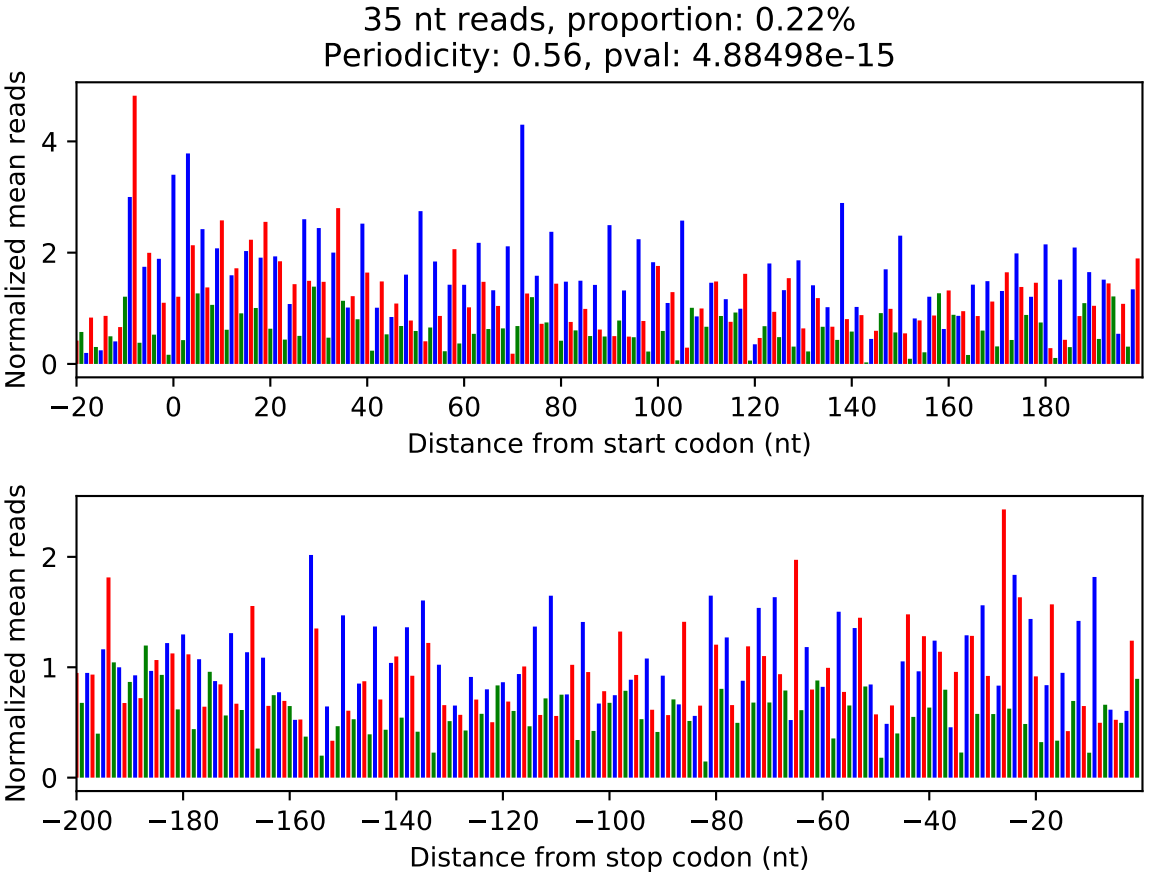

30 nt reads, proportion: 2.61%
Periodicity: 0.93, pval: 4.88498e-15
Normalized mean reads
0
2
4
6
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

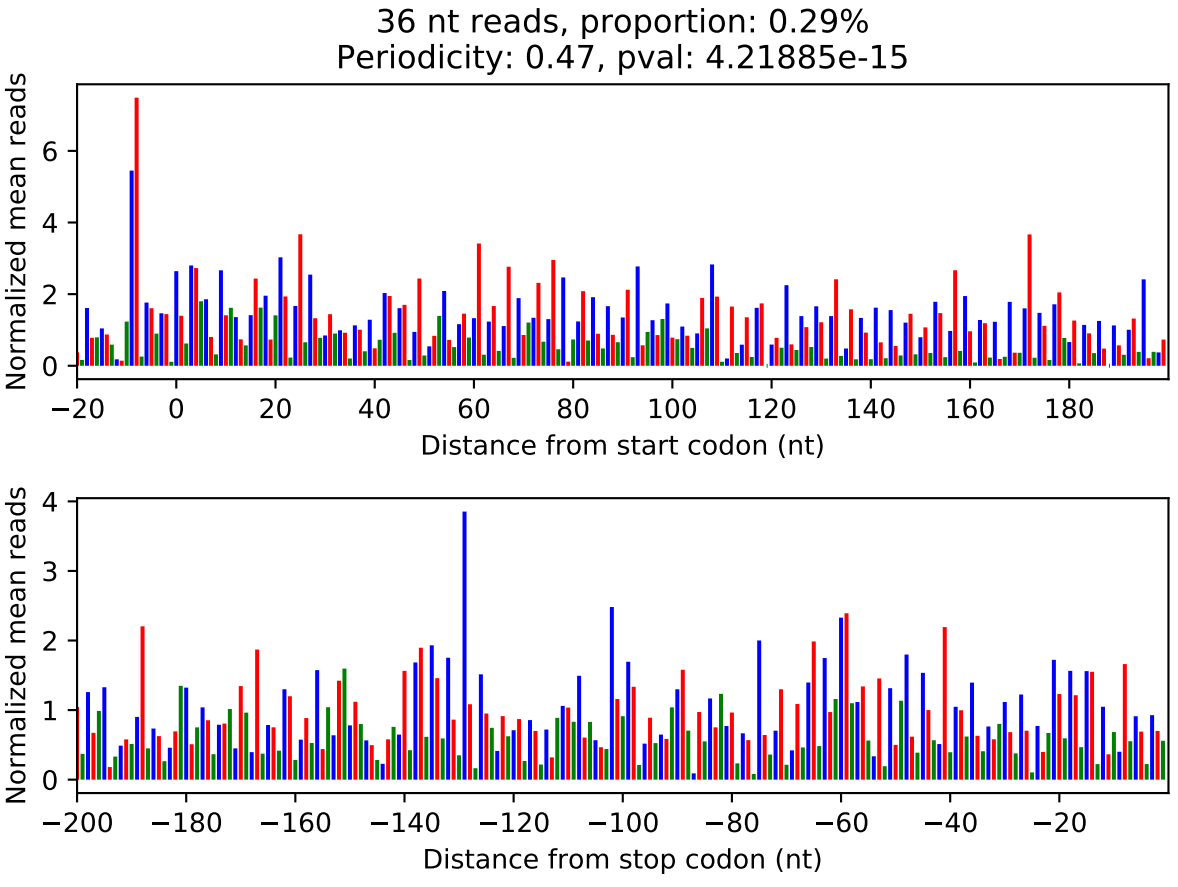

31 nt reads, proportion: 1.71%
Periodicity: 0.89, pval: 4.88498e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

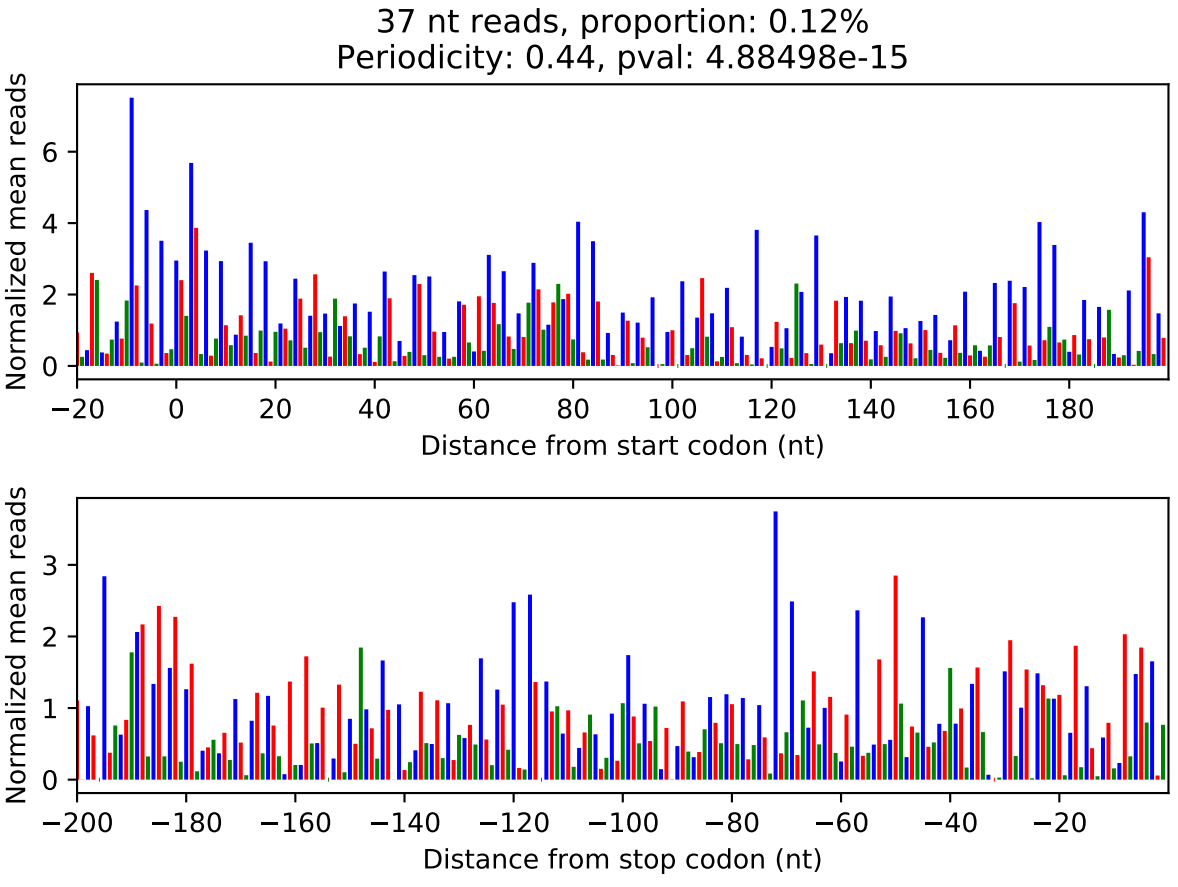

32 nt reads, proportion: 1.95%
Periodicity: 0.77, pval: 4.88498e-15
Normalized mean reads
0
2
4
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

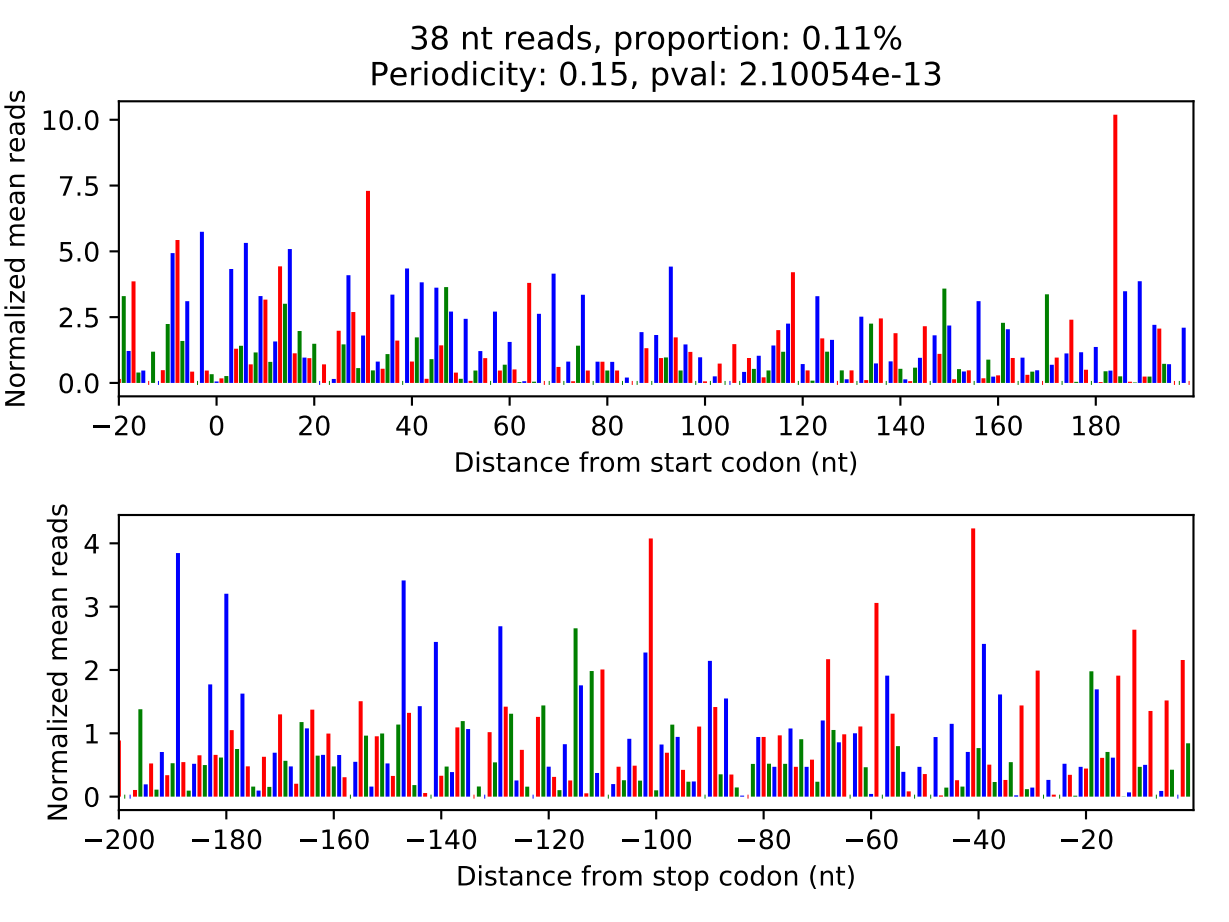

33 nt reads, proportion: 0.66%
Periodicity: 0.78, pval: 4.88498e-15
Normalized mean reads
0
2
4
6
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)

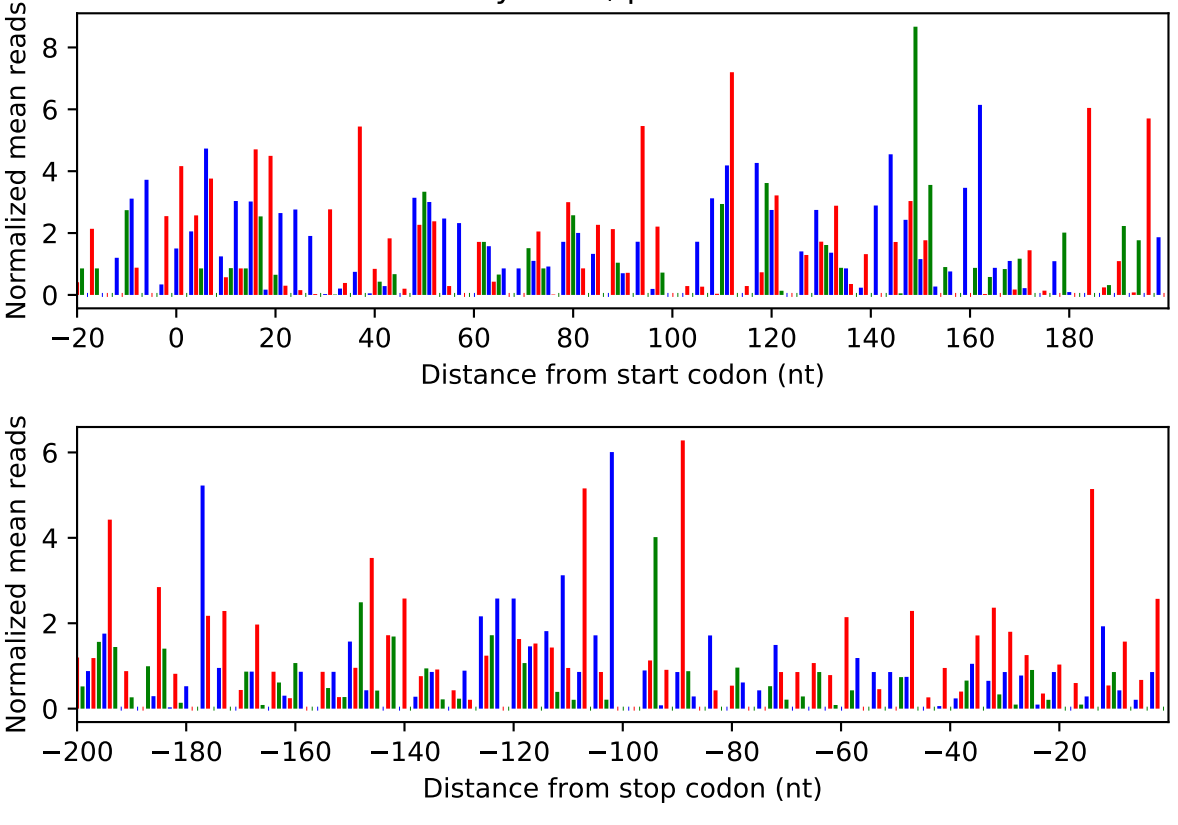

34 nt reads, proportion: 0.47%
Periodicity: 0.77, pval: 4.88498e-15
Normalized mean reads
0
2
4
6
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
0.0
0.5
1.0
1.5
2.0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


35 nt reads, proportion: 0.22%
Periodicity: 0.56, 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: 0.29%
Periodicity: 0.47, 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
4
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


37 nt reads, proportion: 0.12%
Periodicity: 0.44, 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
3
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


38 nt reads, proportion: 0.11%
Periodicity: 0.15, pval: 2.10054e-13
Normalized mean reads
10.0
7.5
5.0
2.5
0.0
−20
0
20
40
60
80
100
120
140
160
180
Distance from start codon (nt)
Normalized mean reads
4
3
2
1
0
−200
−180
−160
−140
−120
−100
−80
−60
−40
−20
Distance from stop codon (nt)


42 nt reads, proportion: 0.09%
Periodicity: 0.17, pval: 5.4956e-14
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)