37 nt reads, proportion: 0.66%
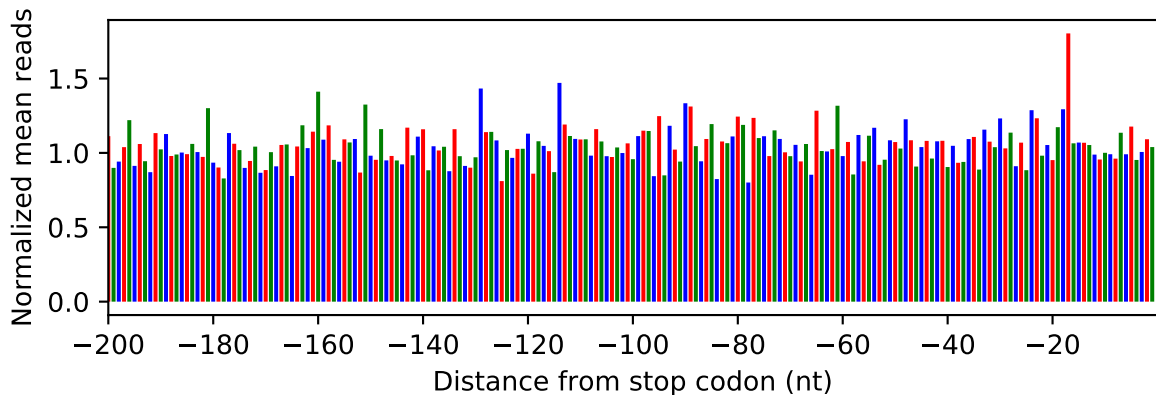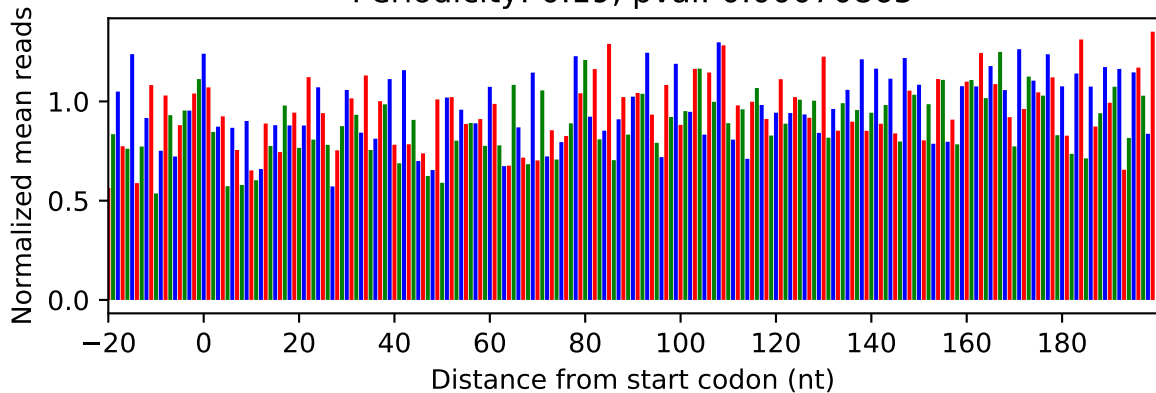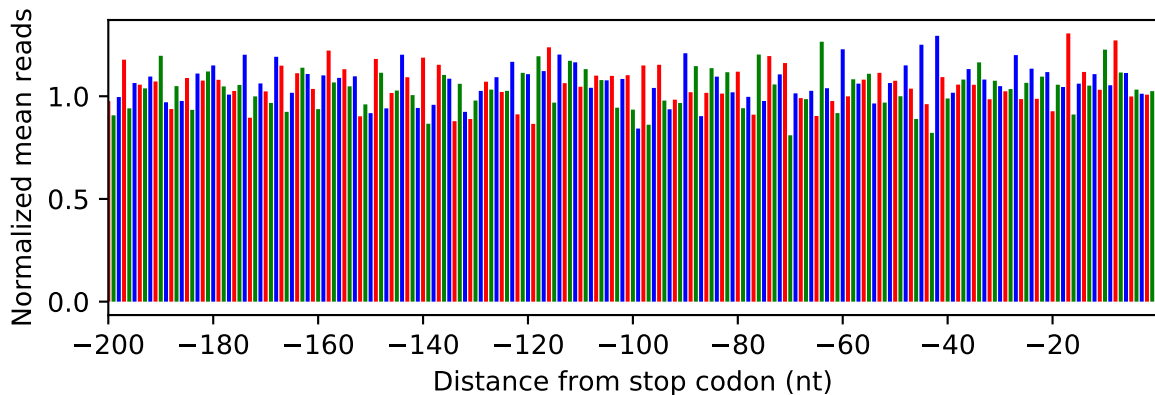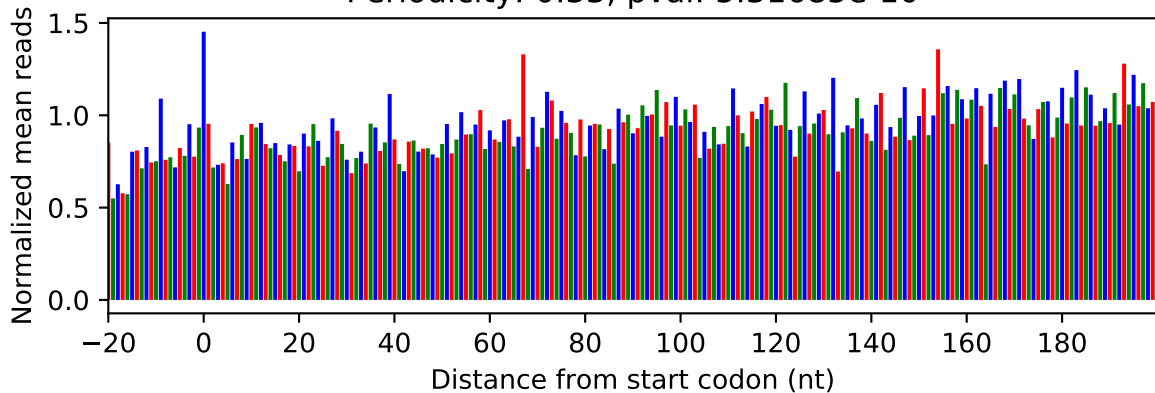**Periodicity: 0.17, pval: 0.00403929**
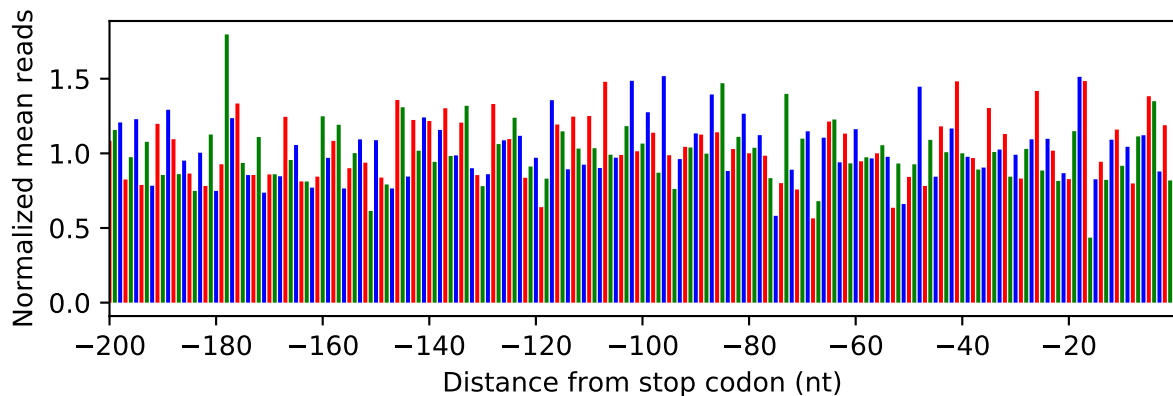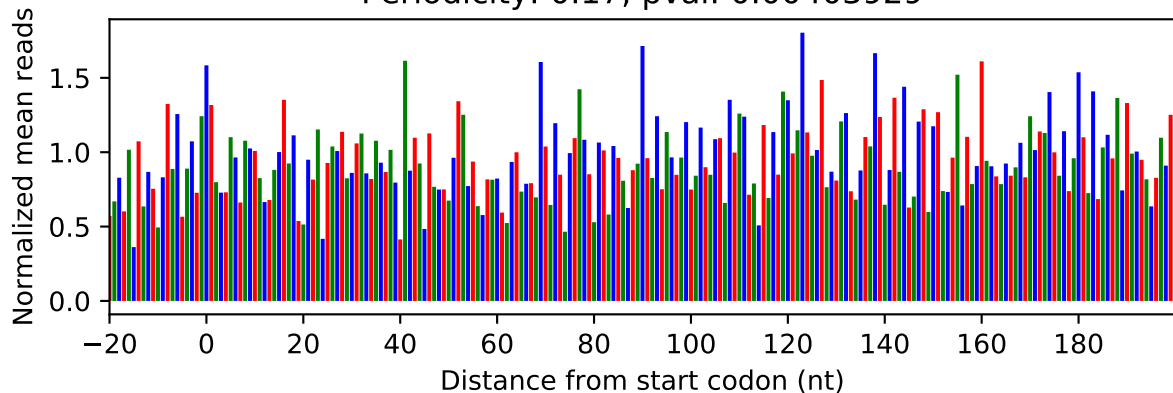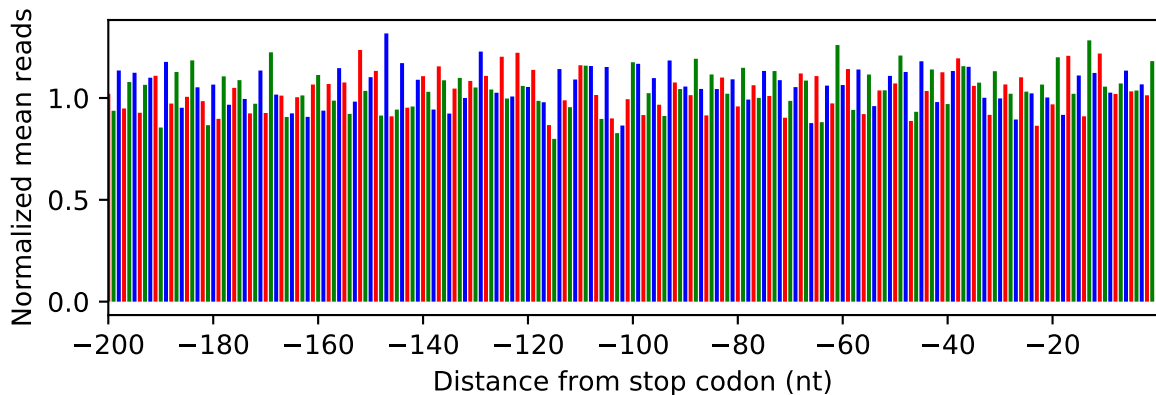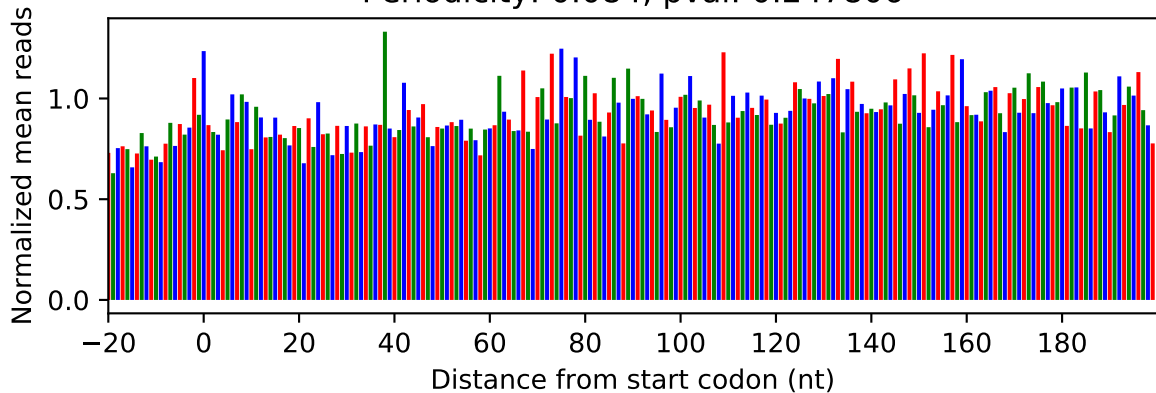
38 nt reads, proportion: 3.86%
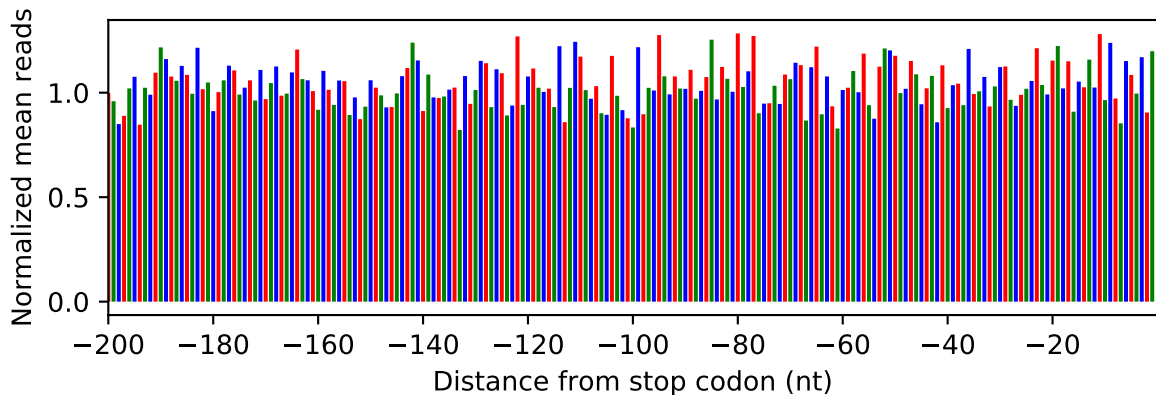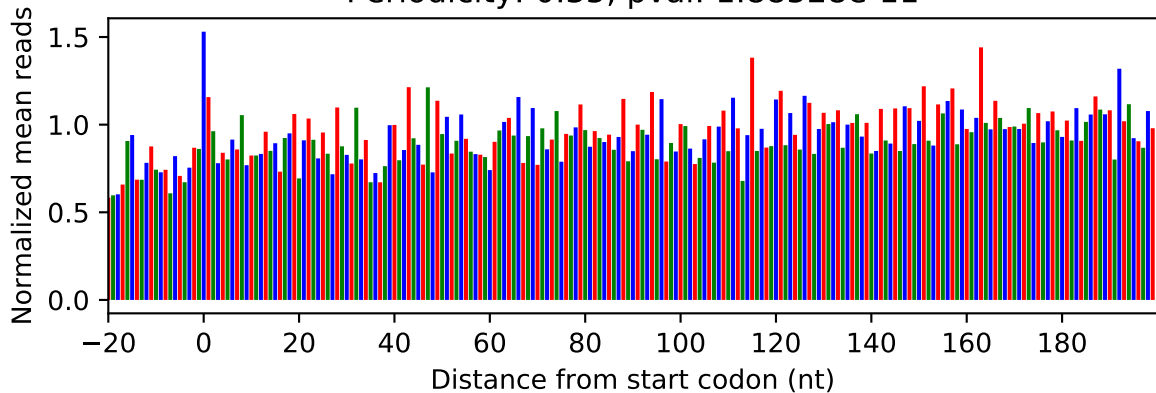**Periodicity: 0.19, pval: 0.00070865**

39 nt reads, proportion: 8.29%
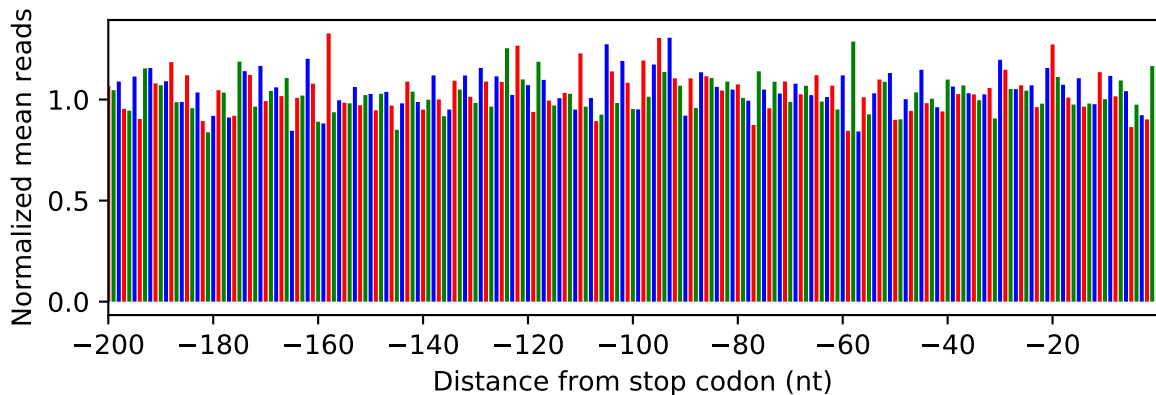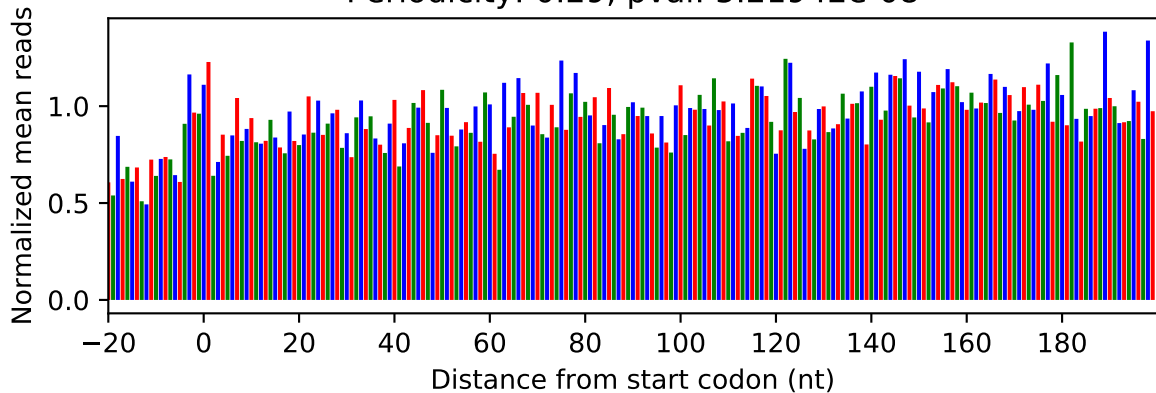**Periodicity: 0.33, pval: 5.31685e-10**

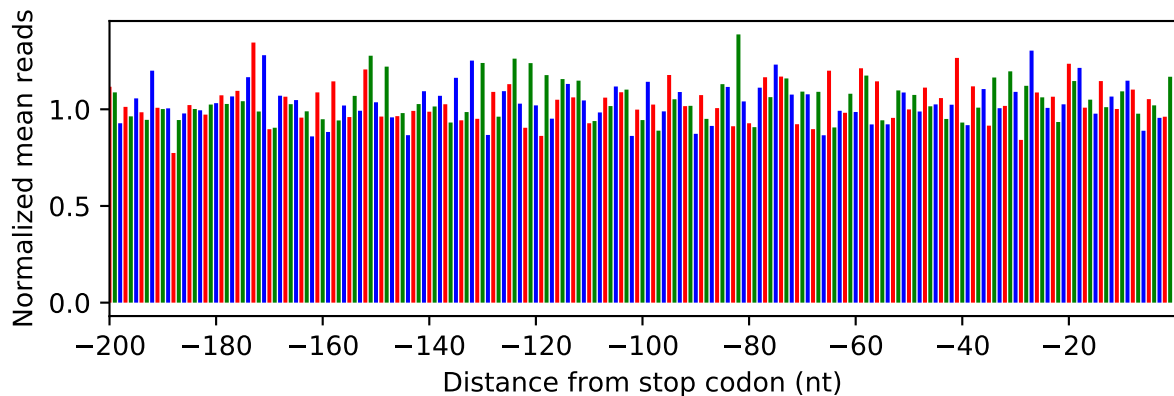40 nt reads, proportion: 8.76%
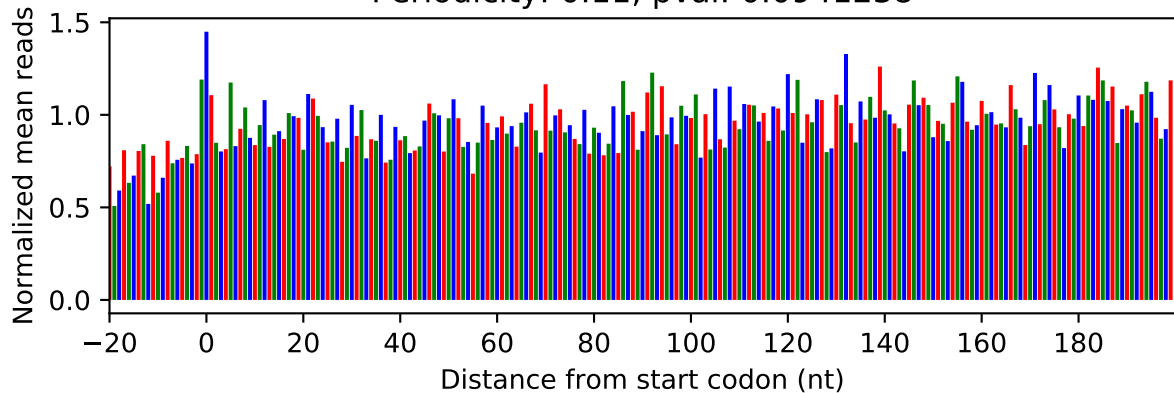Periodicity: 0.084, pval: 0.247806

41 nt reads, proportion: 8.05%
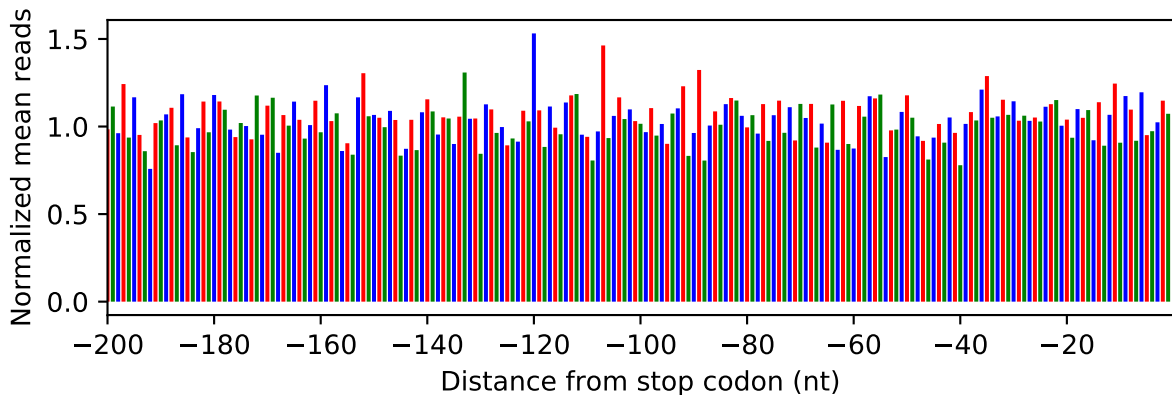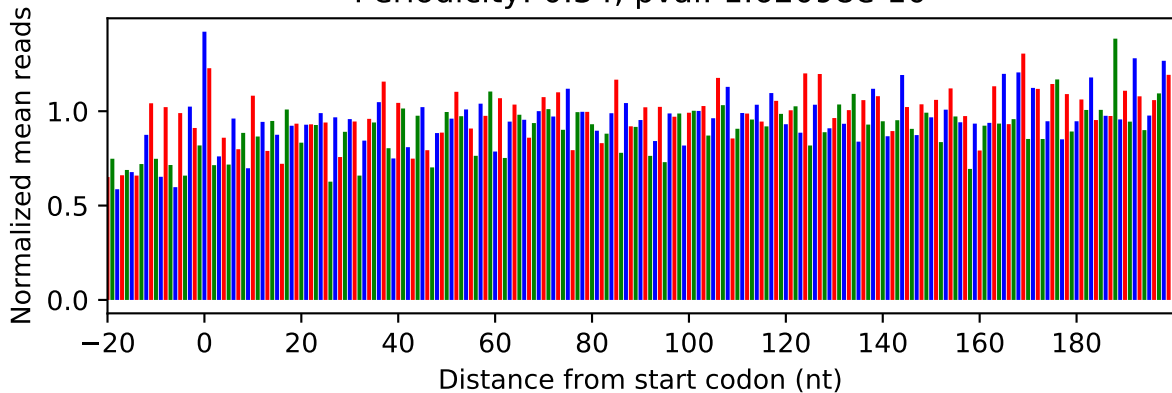Periodicity: 0.35, pval: 1.88528e-11

42 nt reads, proportion: 7.21%
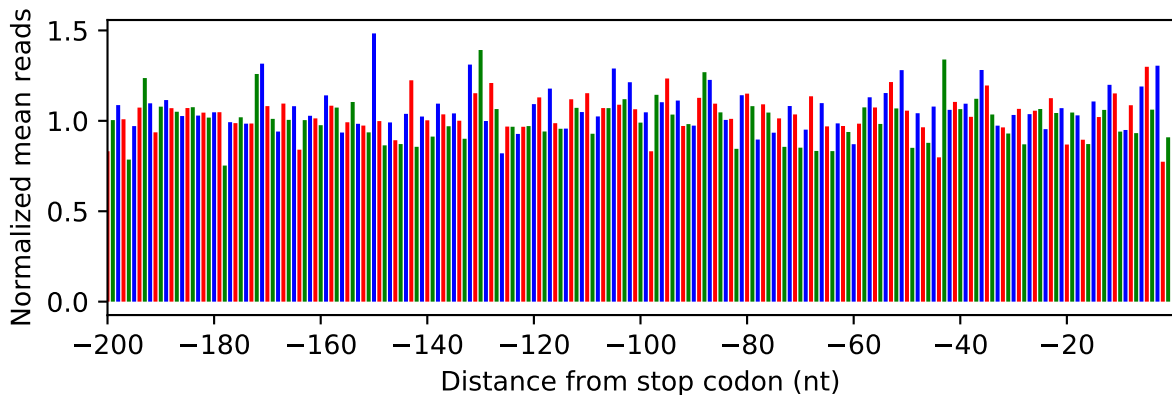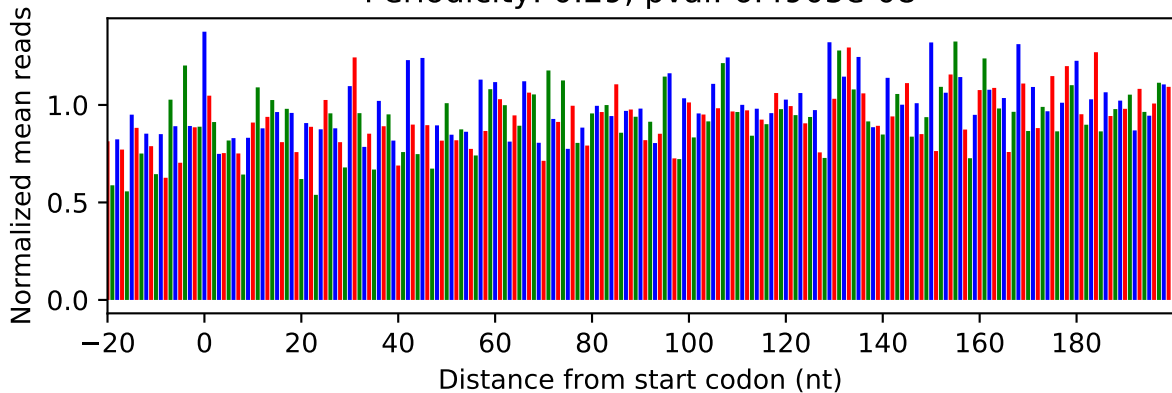Periodicity: 0.29, pval: 5.21942e-08

43 nt reads, proportion: 6.61%
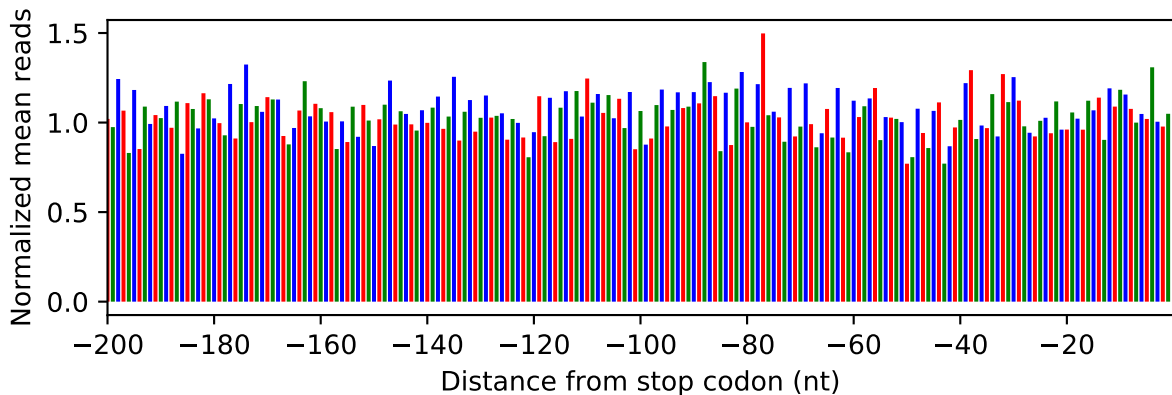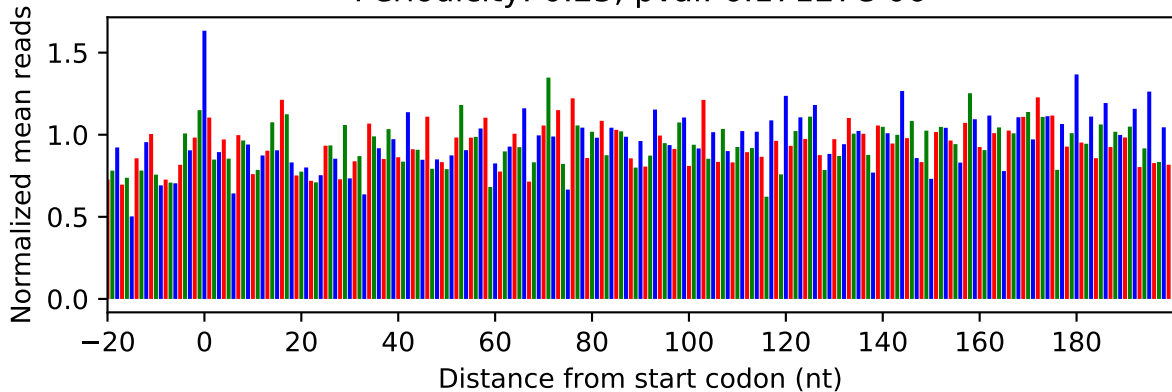Periodicity: 0.11, pval: 0.0941238

44 nt reads, proportion: 6.13%
Periodicity: 0.34, pval: 1.62098e-10

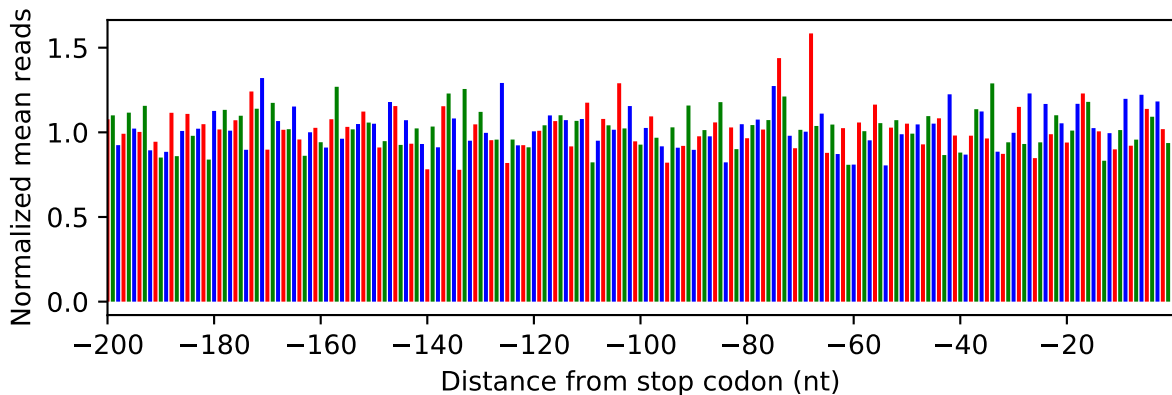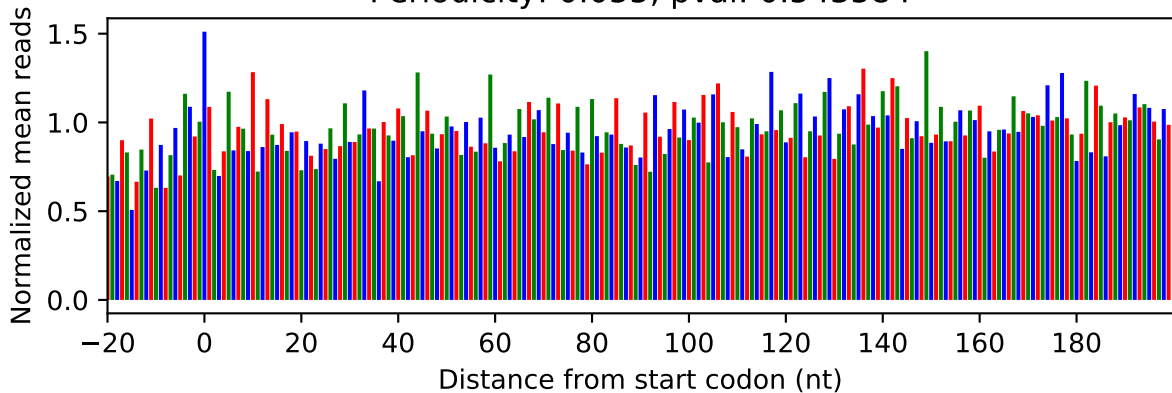**45 nt reads, proportion: 5.53%**
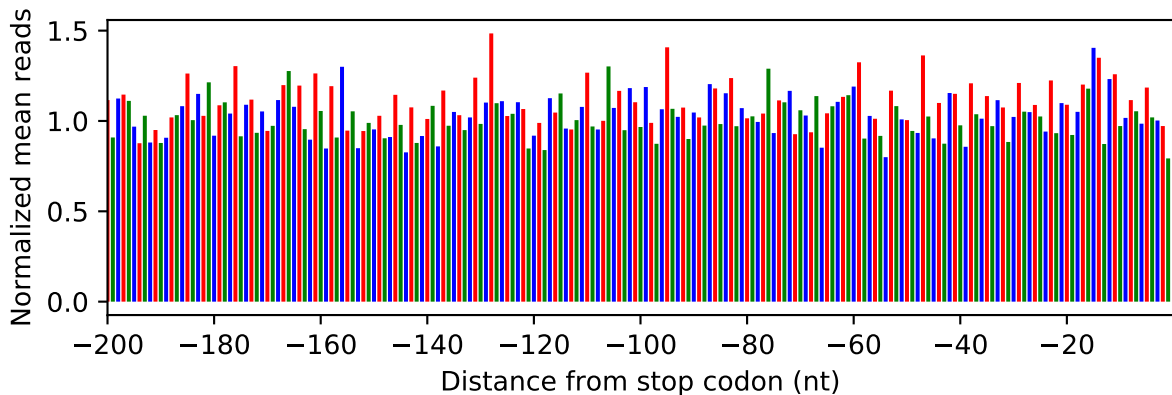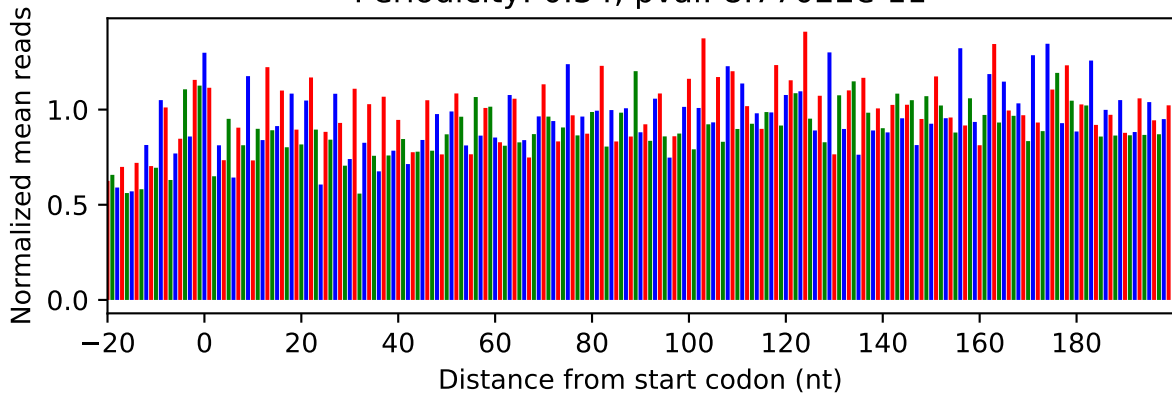**Periodicity: 0.29, pval: 6.4905e-08**

46 nt reads, proportion: 5.10%
Periodicity: 0.25, pval: 6.17127e-06

47 nt reads, proportion: 4.67%
Periodicity: 0.055, pval: 0.543584

48 nt reads, proportion: 4.48%
Periodicity: 0.34, pval: 8.77022e-11

51 nt reads, proportion: 30.63%
Periodicity: 0.29, pval: 5.94148e-08