20 nt reads, proportion: 0.52%
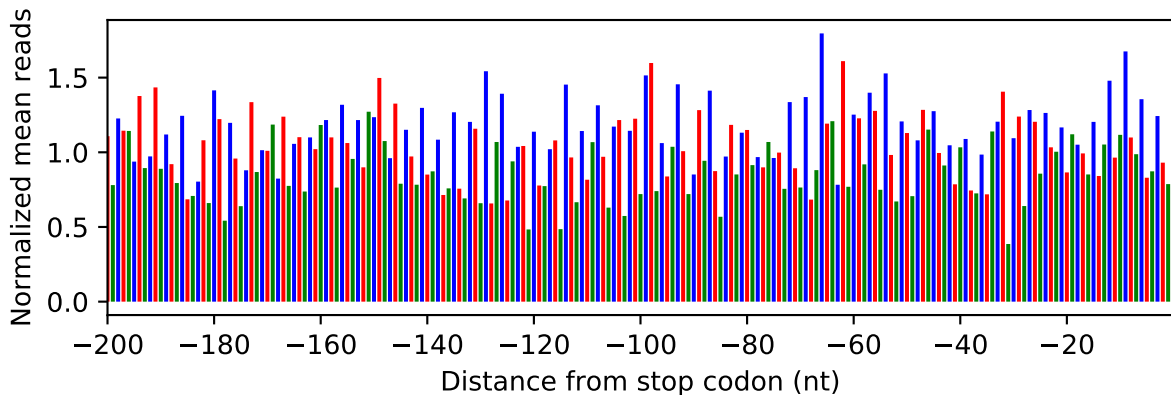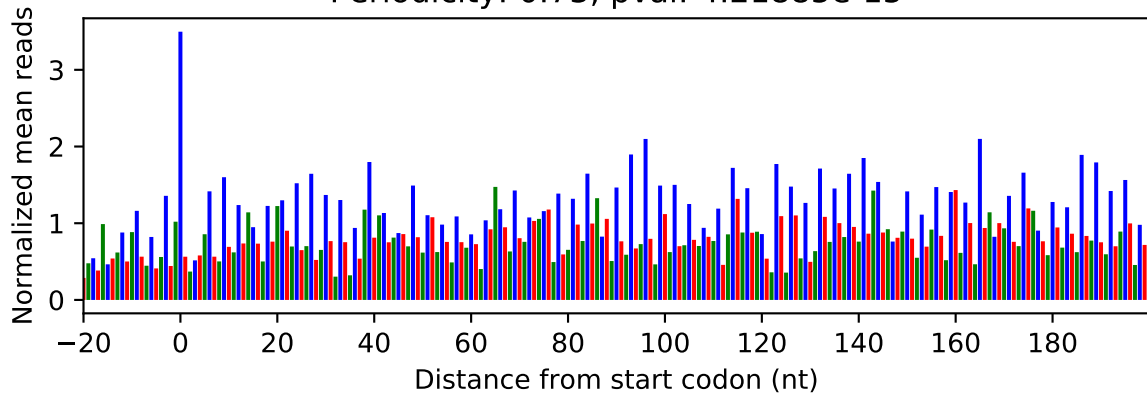**Periodicity: 0.44, pval: 4.21885e-15**
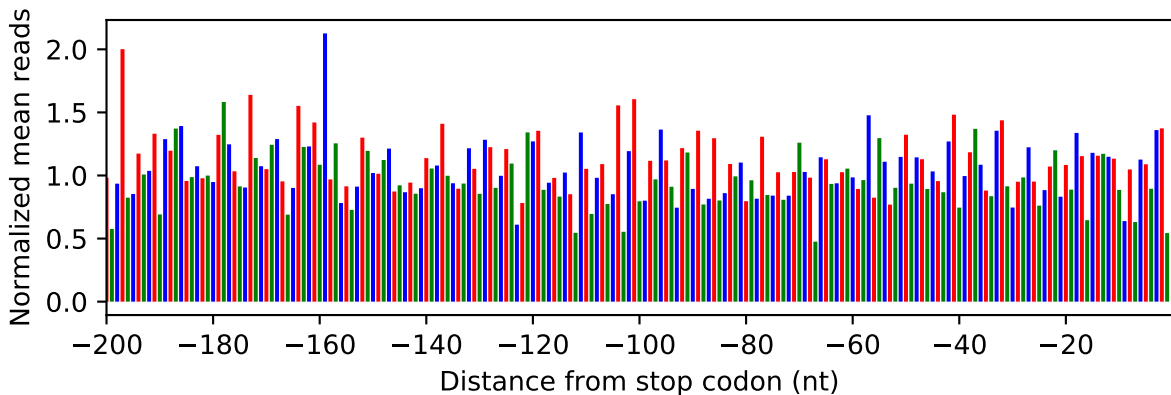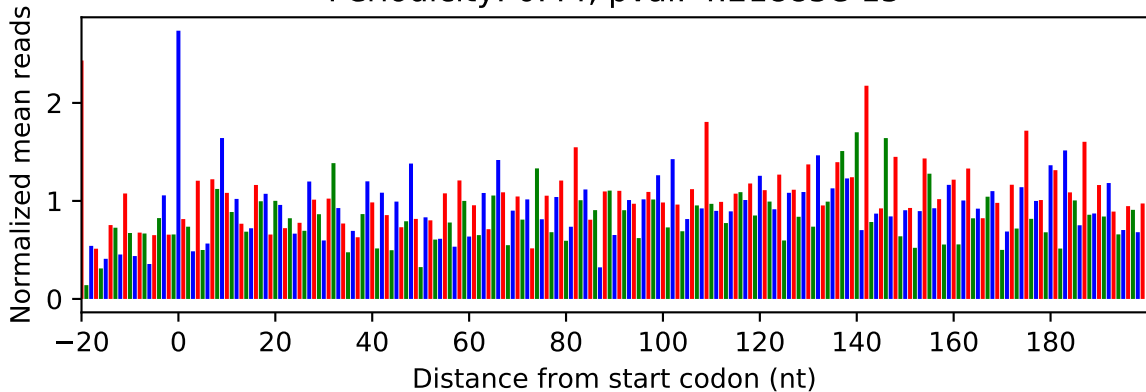
21 nt reads, proportion: 0.56%
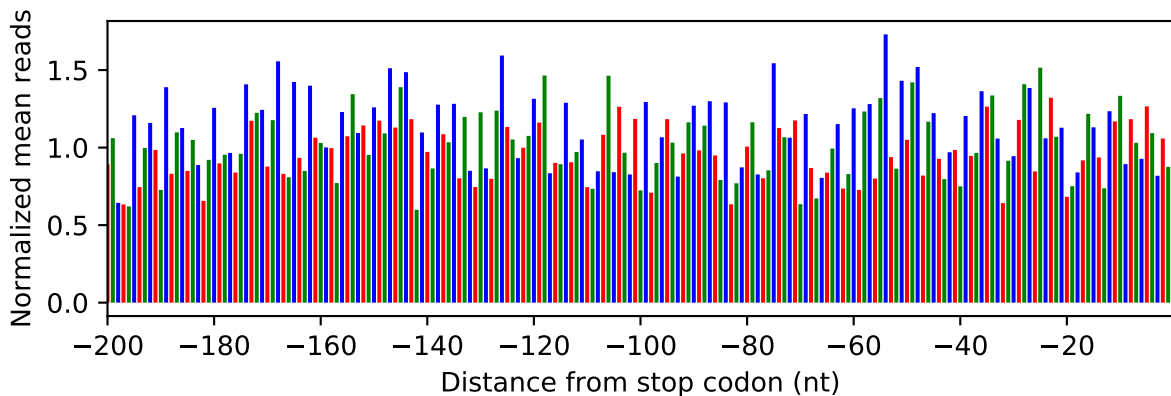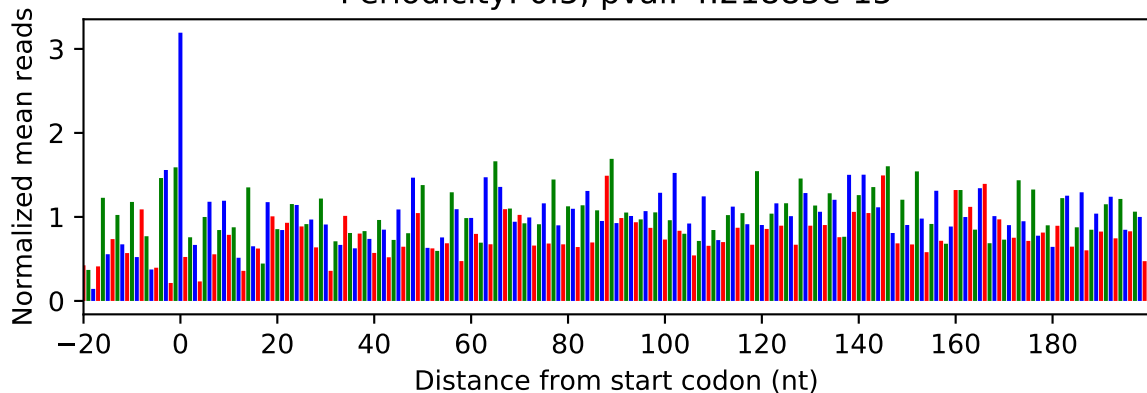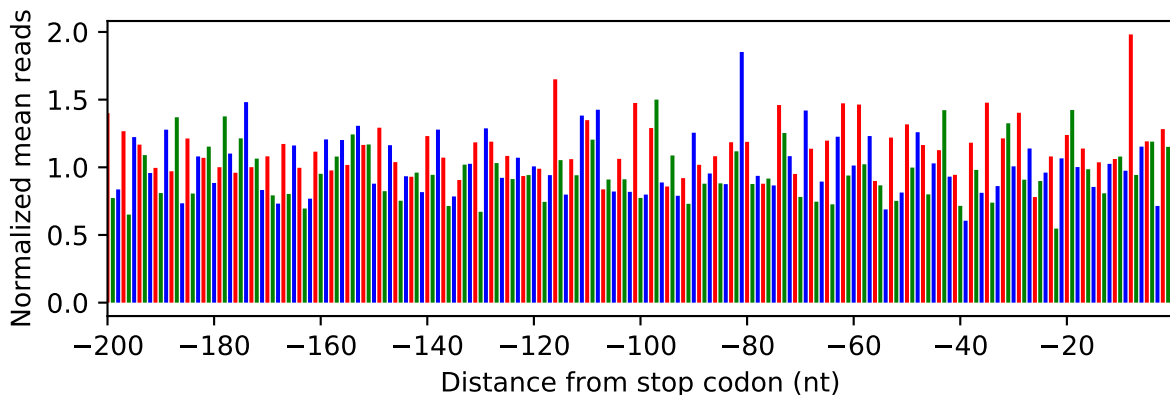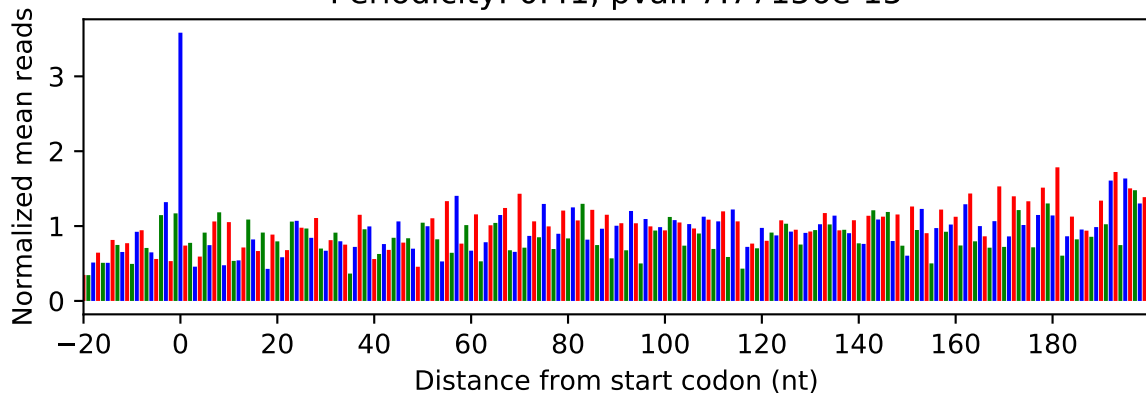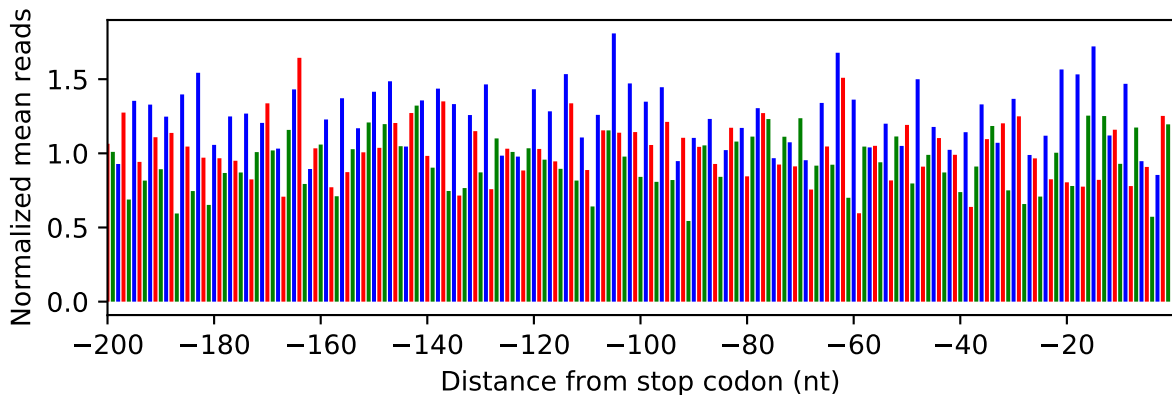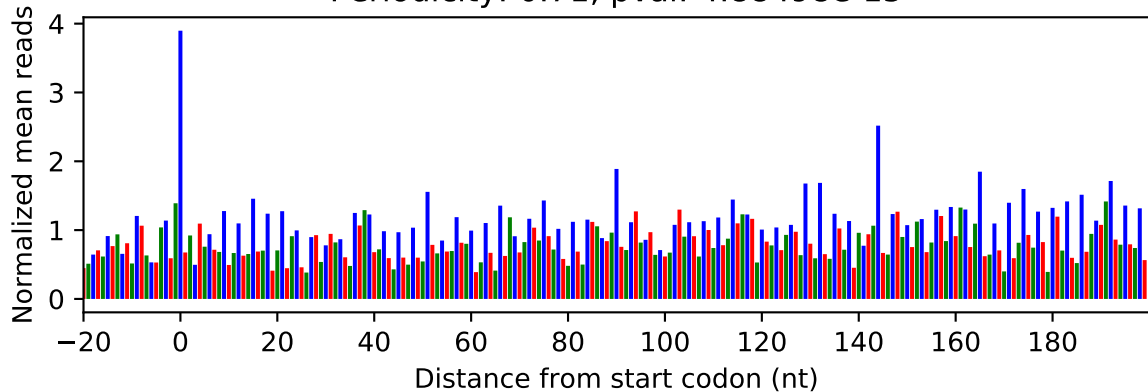**Periodicity: 0.73, pval: 4.21885e-15**

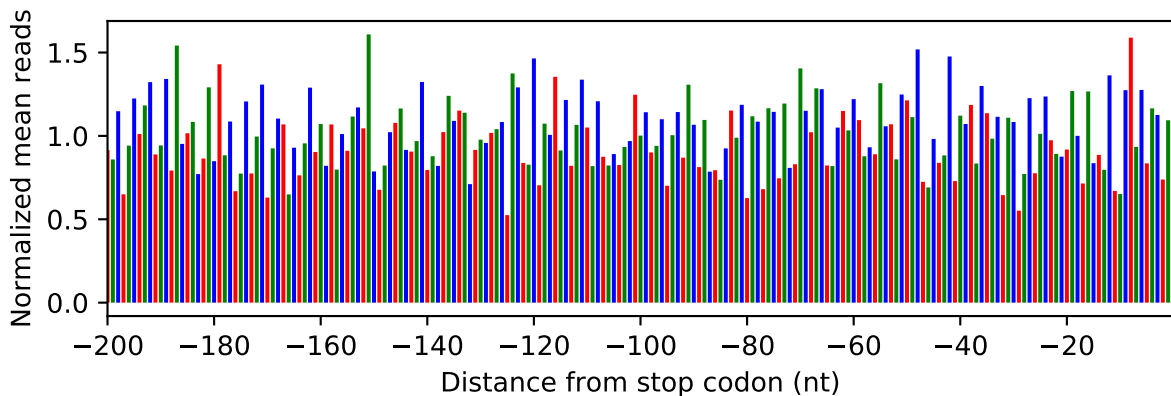22 nt reads, proportion: 0.56%
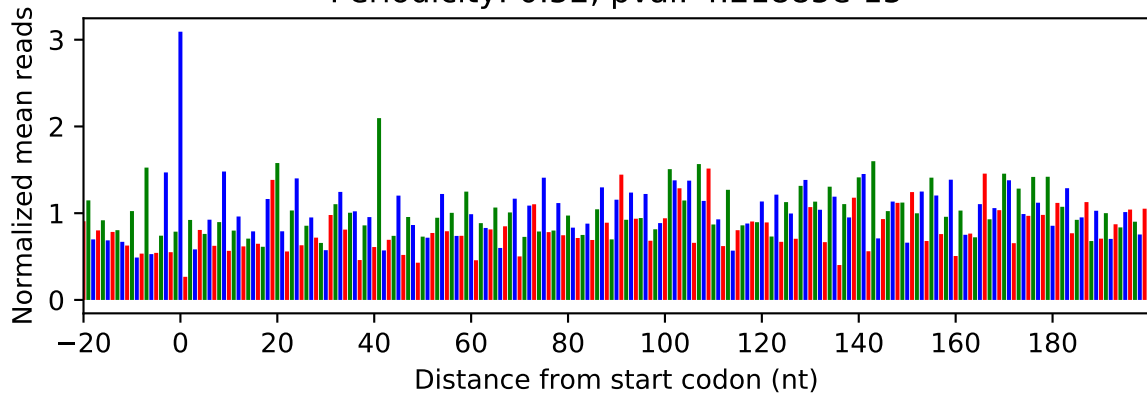Periodicity: 0.5, pval: 4.21885e-15

23 nt reads, proportion: 0.58%
Periodicity: 0.41, pval: 7.77156e-15

24 nt reads, proportion: 0.60%
Periodicity: 0.71, pval: 4.88498e-15

25 nt reads, proportion: 0.61%
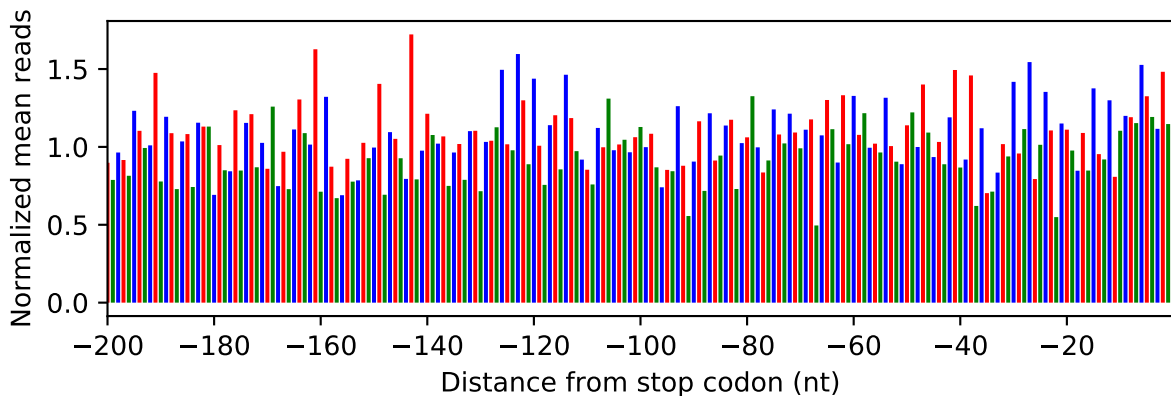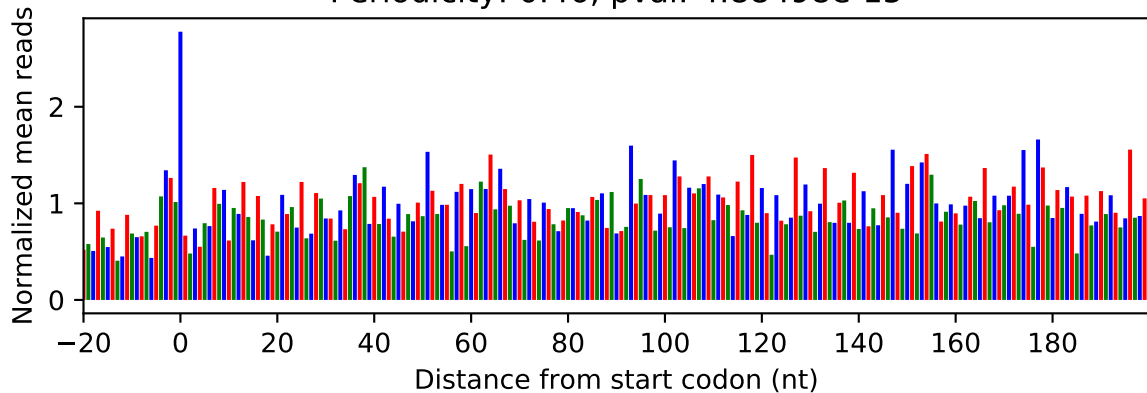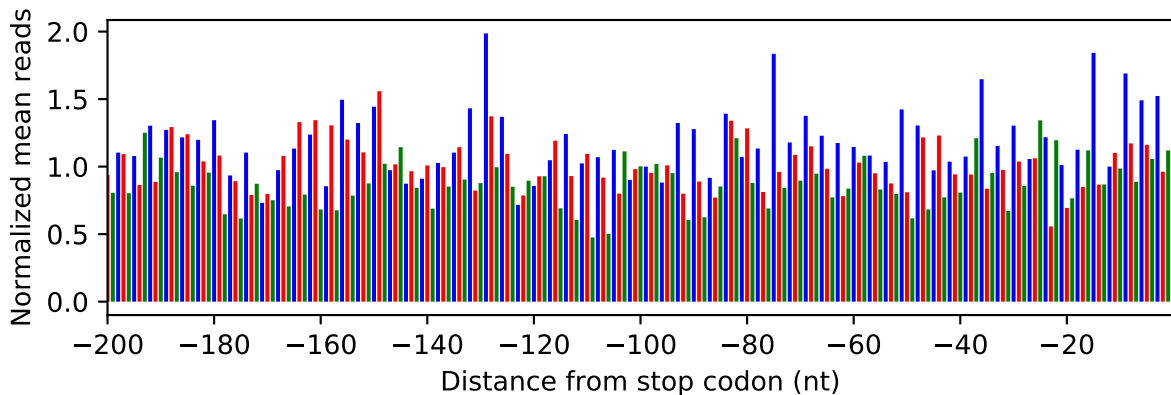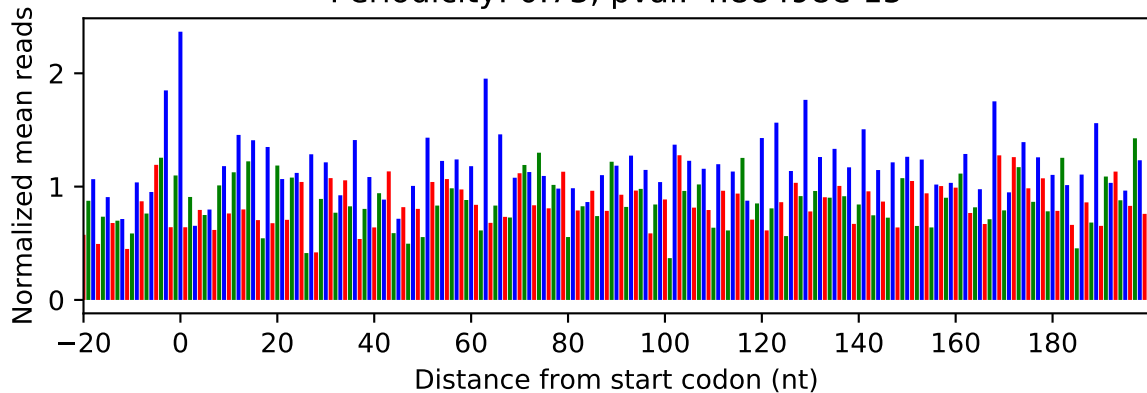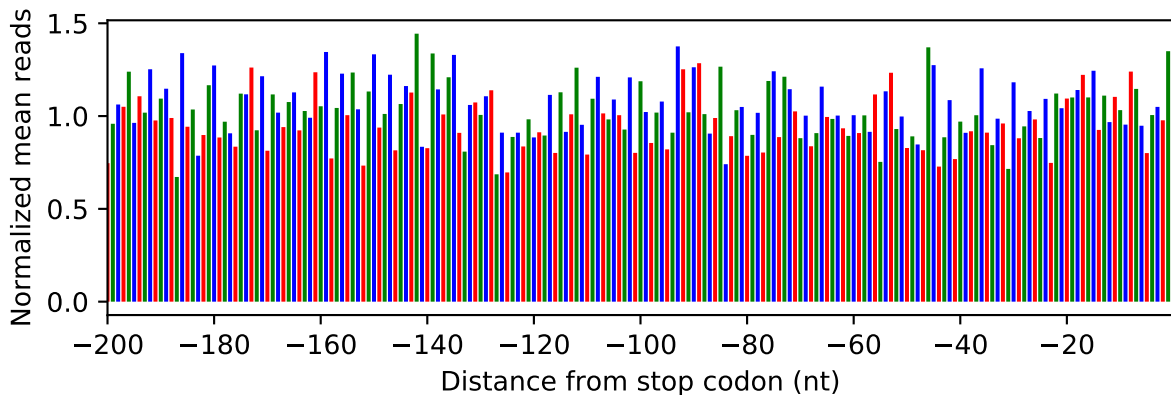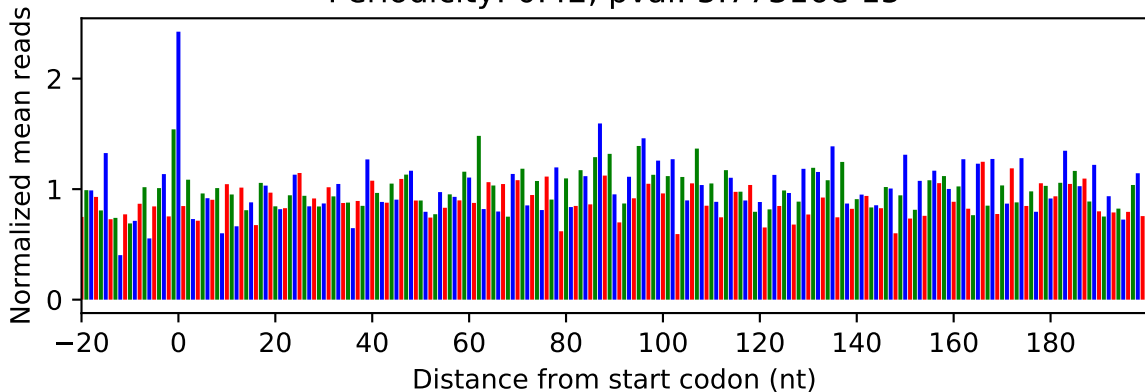**Periodicity: 0.52, pval: 4.21885e-15**

26 nt reads, proportion: 0.63%
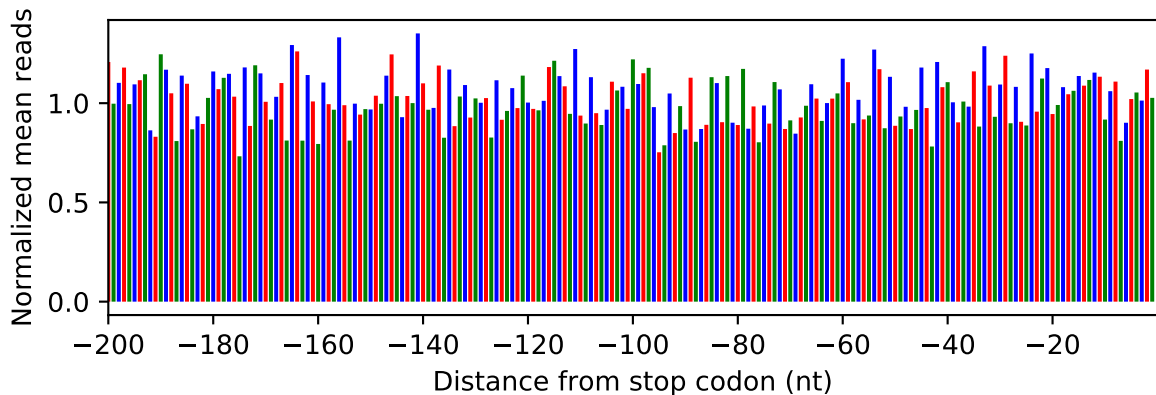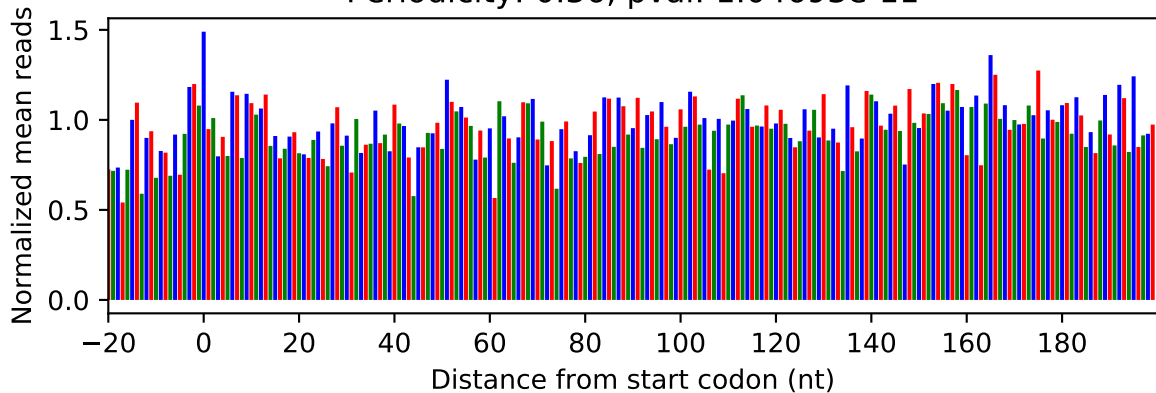Periodicity: 0.46, pval: 4.88498e-15

27 nt reads, proportion: 0.78%
Periodicity: 0.73, pval: 4.88498e-15

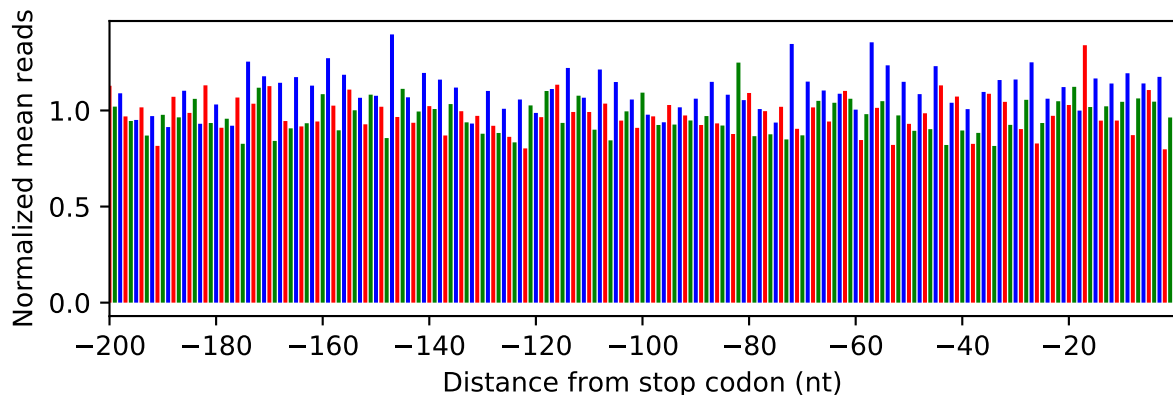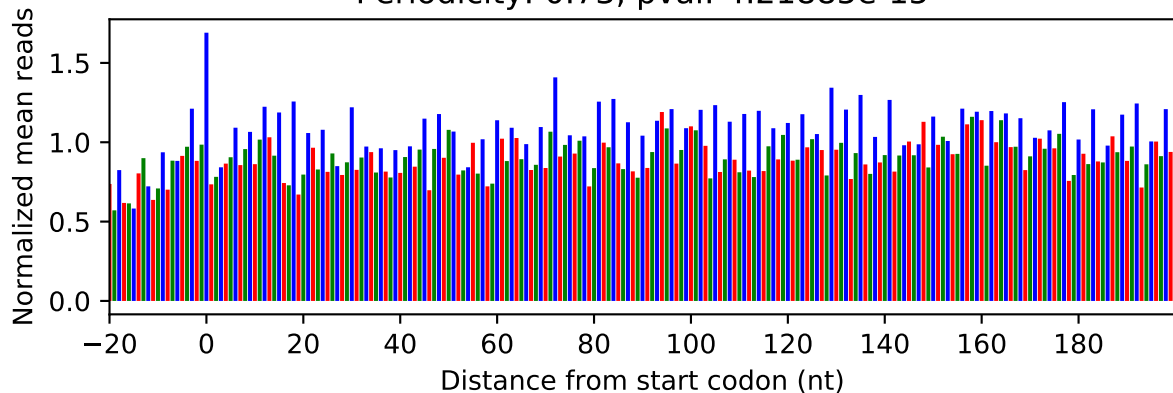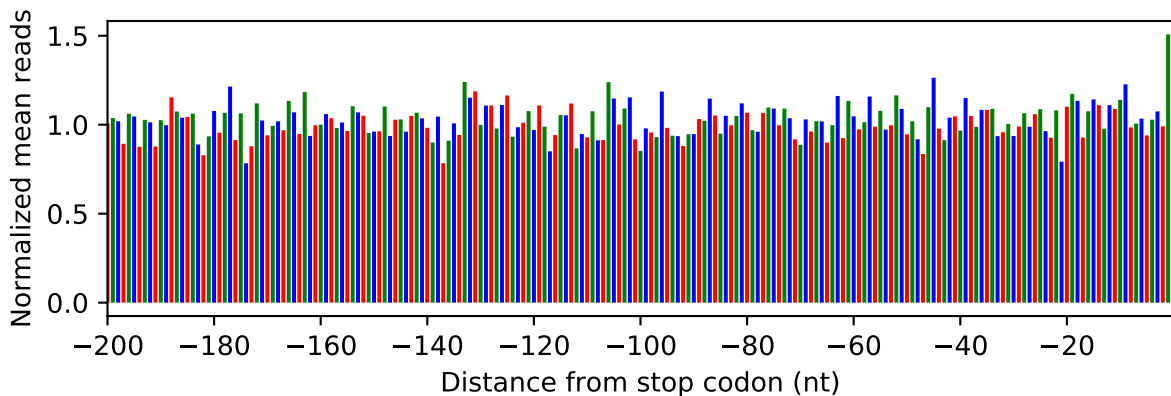**28 nt reads, proportion: 1.97%**
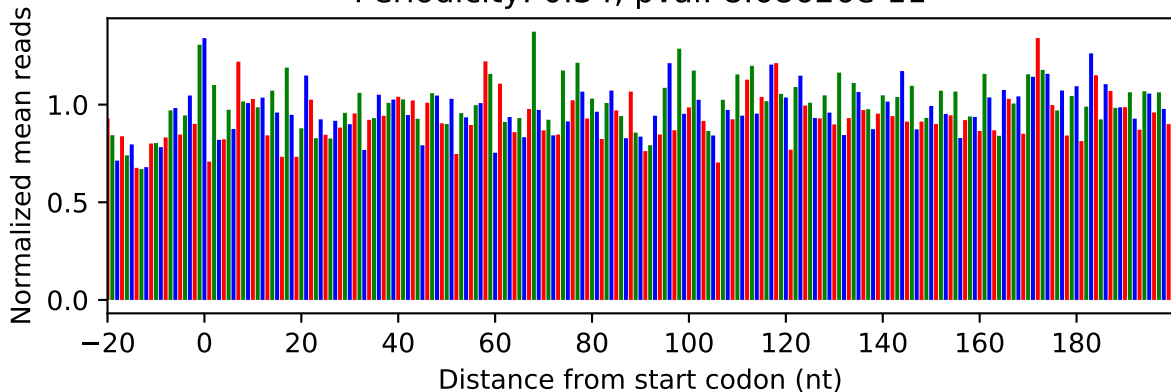**Periodicity: 0.42, pval: 5.77316e-15**

29 nt reads, proportion: 4.64%
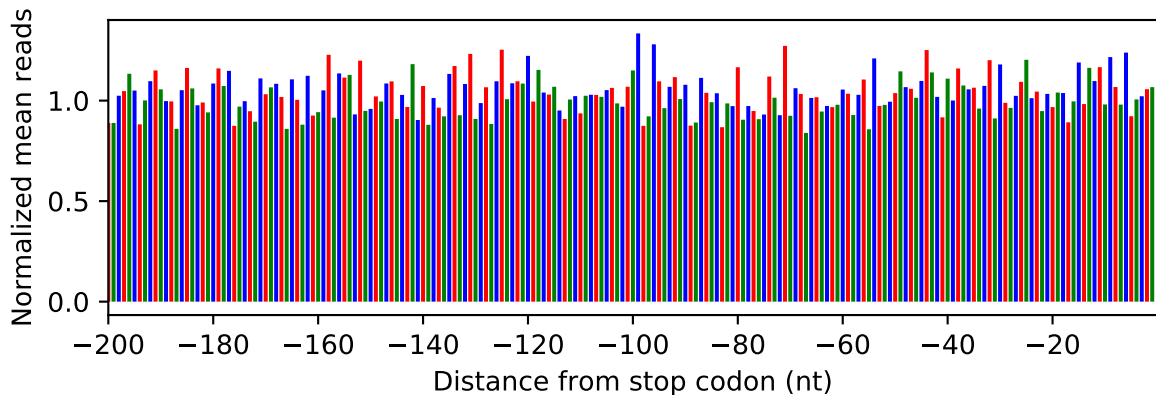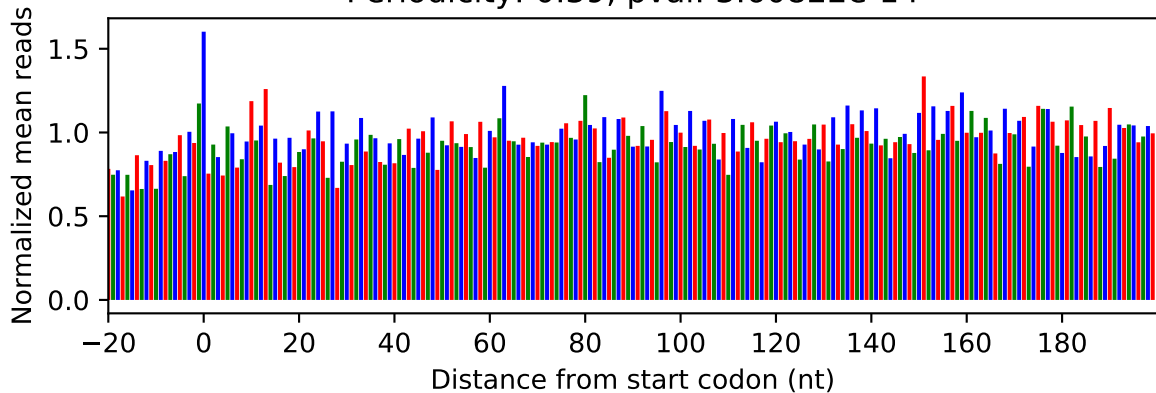**Periodicity: 0.36, pval: 1.04693e-11**

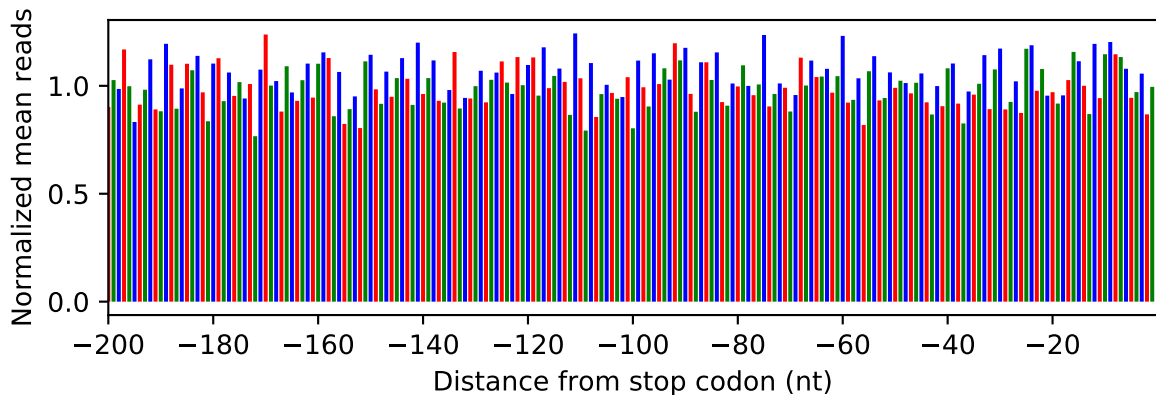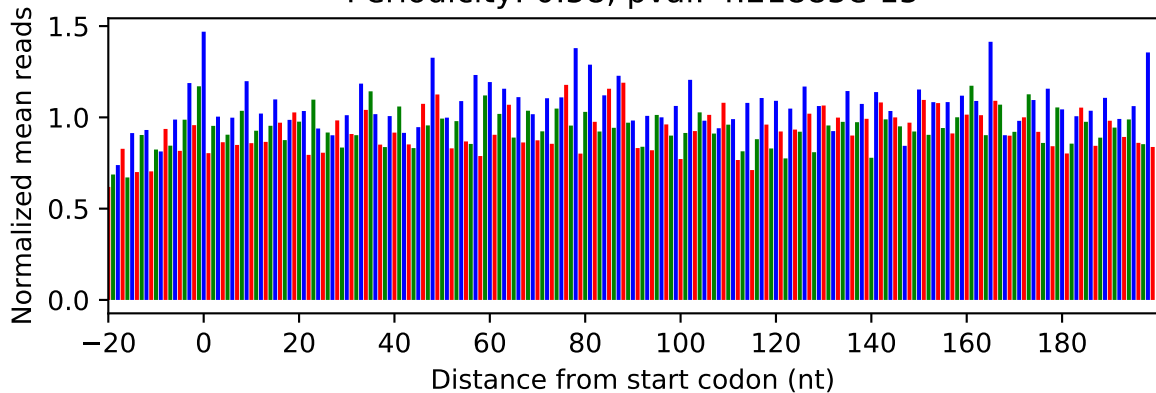30 nt reads, proportion: 7.80%
Periodicity: 0.73, pval: 4.21885e-15

31 nt reads, proportion: 9.19%
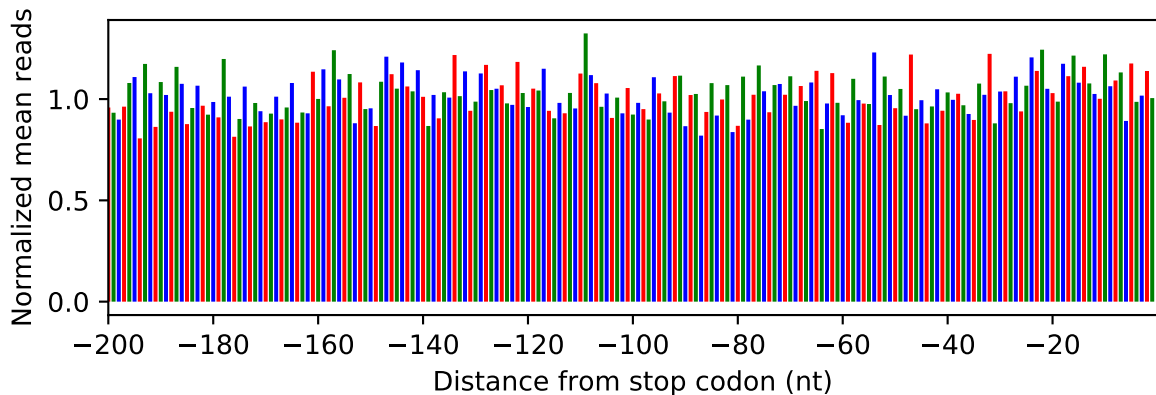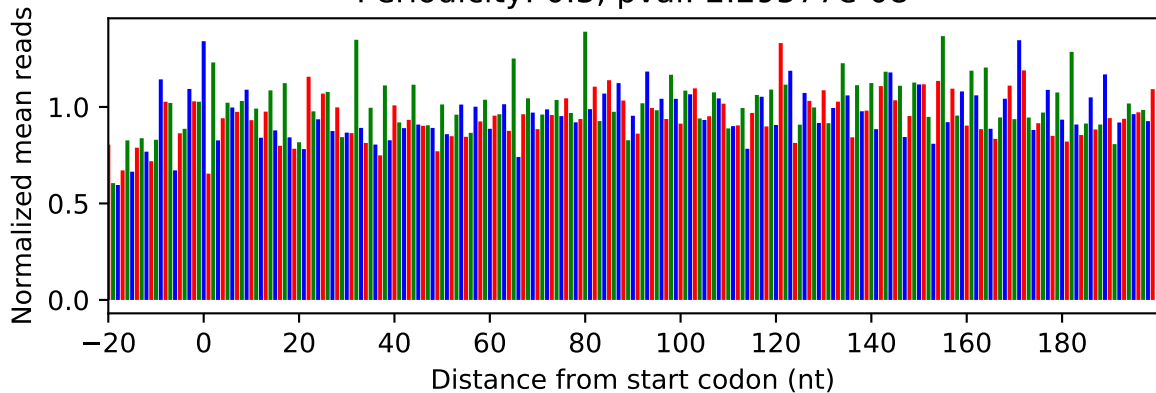**Periodicity: 0.34, pval: 8.68626e-11**

32 nt reads, proportion: 9.18%
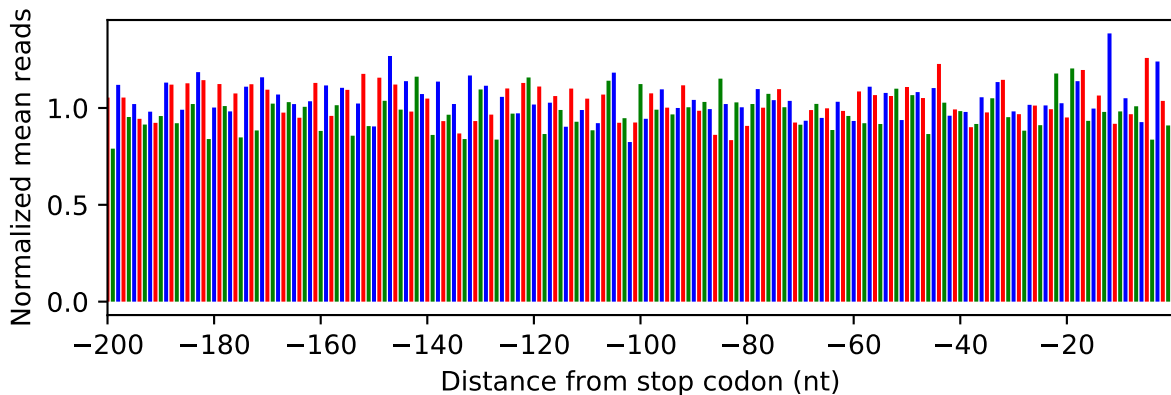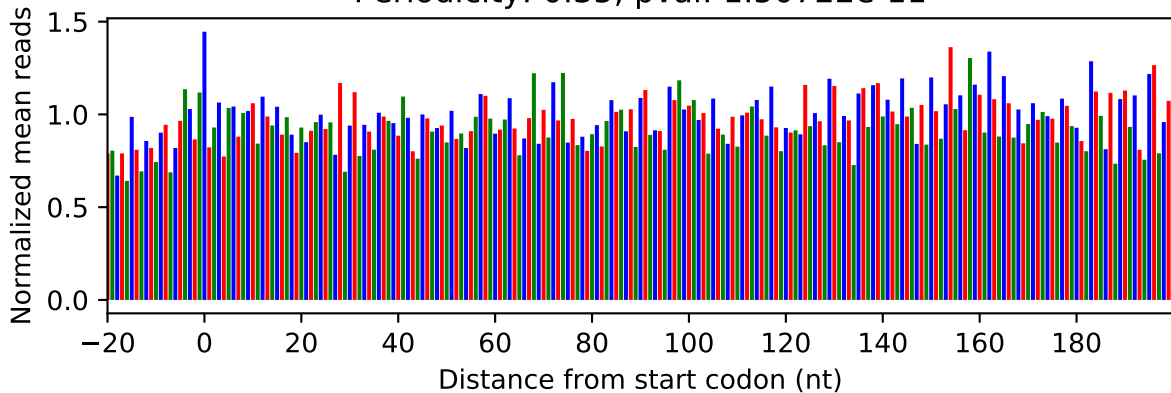Periodicity: 0.39, pval: 3.60822e-14

33 nt reads, proportion: 9.08%
Periodicity: 0.58, pval: 4.21885e-15

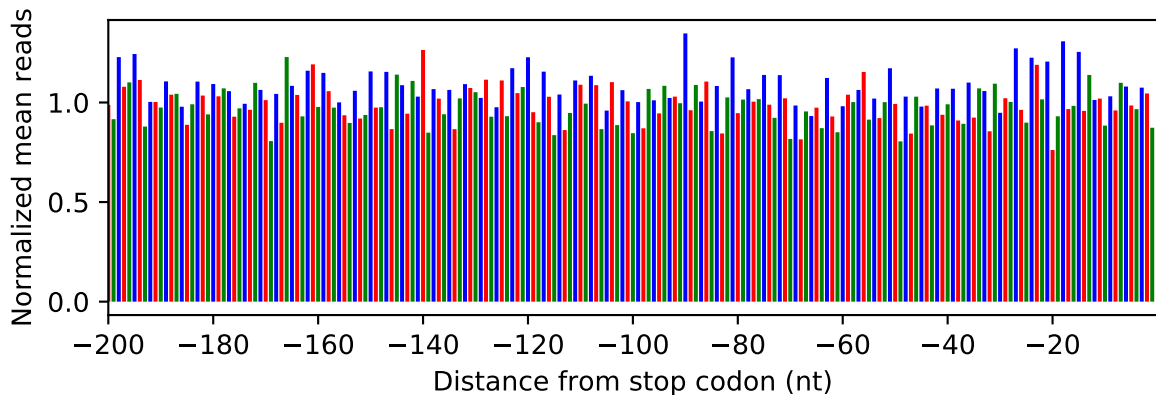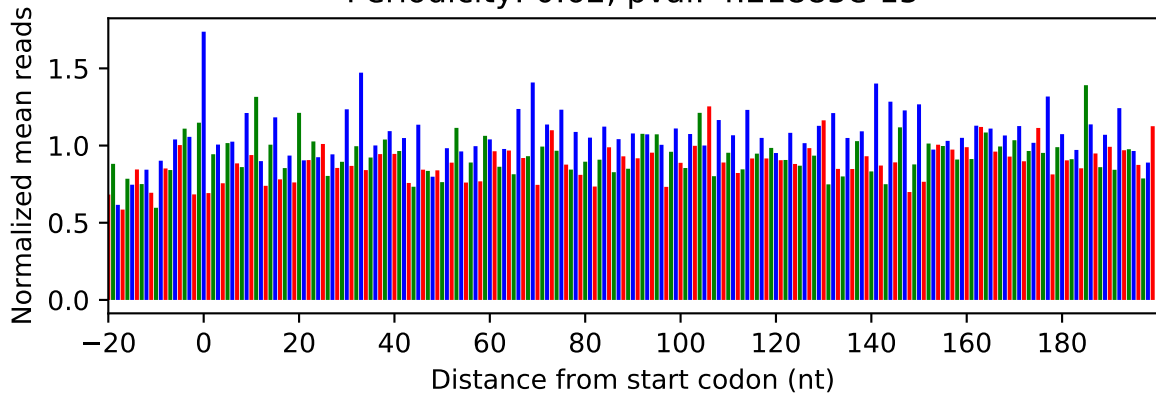**34 nt reads, proportion: 8.78%**
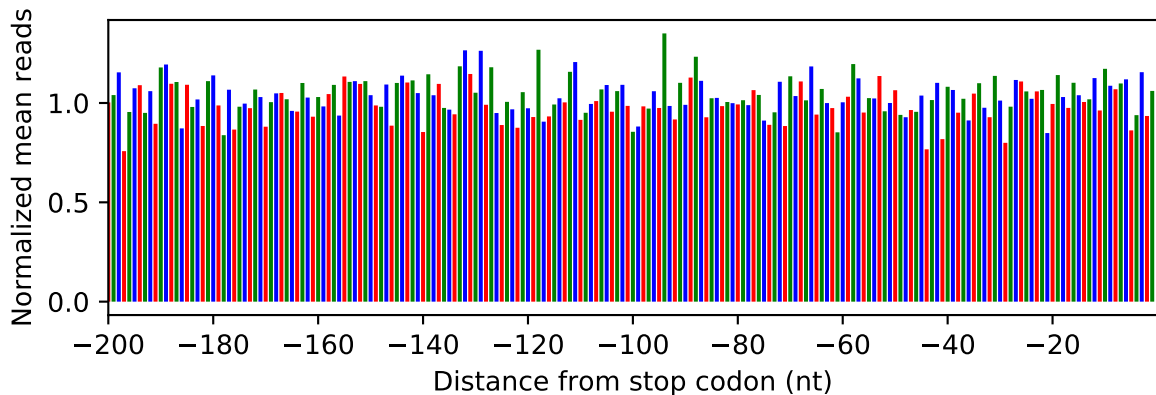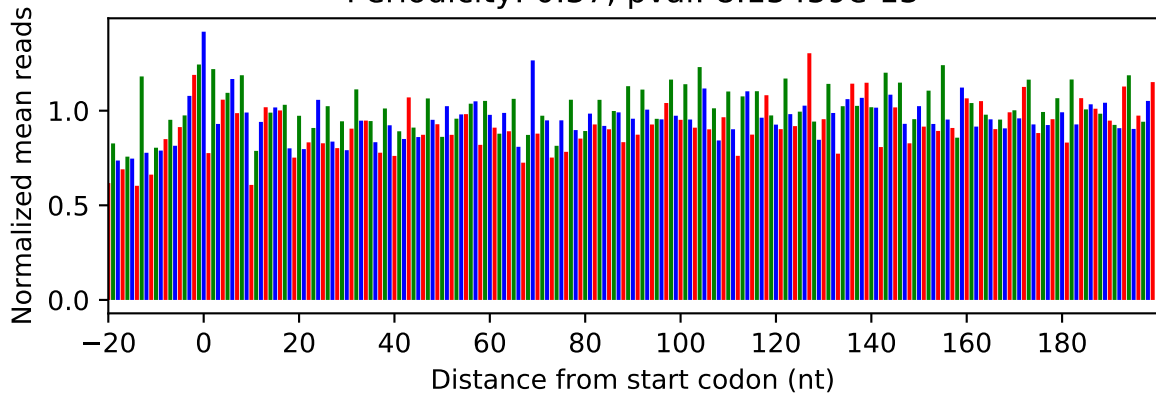**Periodicity: 0.3, pval: 2.29577e-08**

35 nt reads, proportion: 8.52%
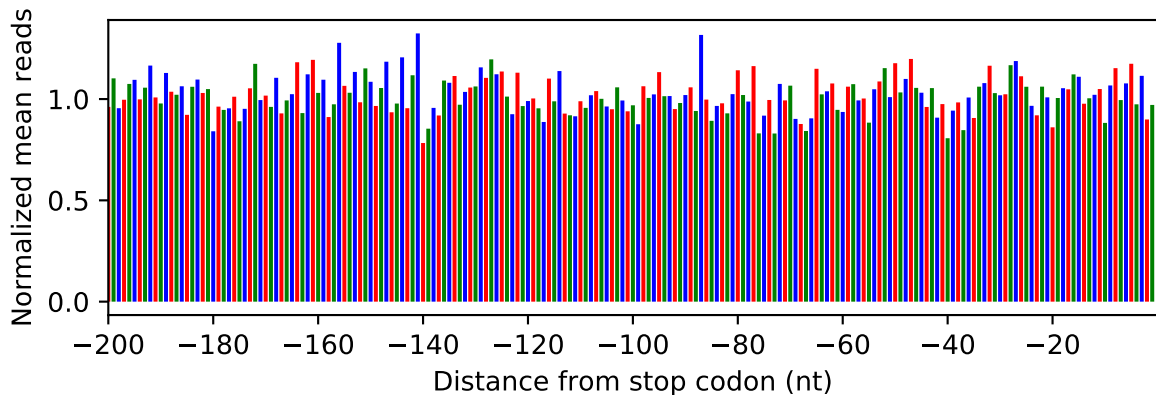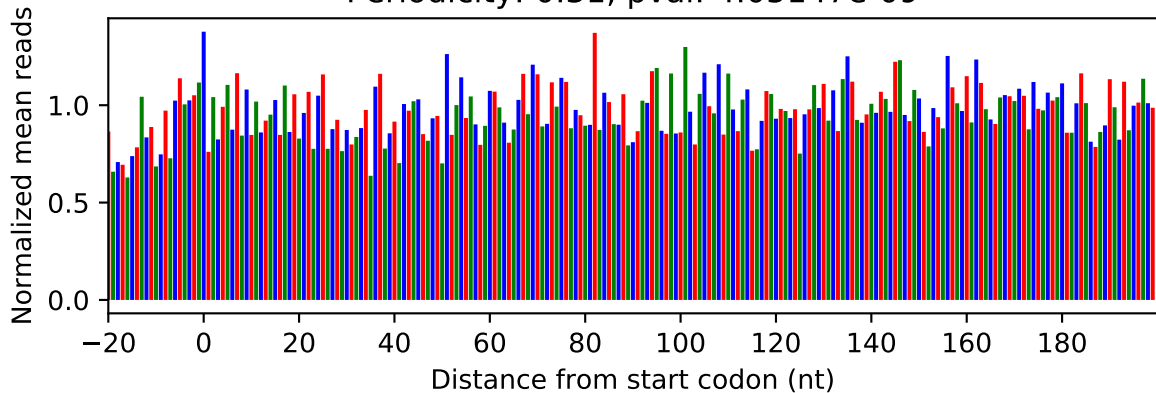Periodicity: 0.35, pval: 1.50722e-11

36 nt reads, proportion: 8.08%
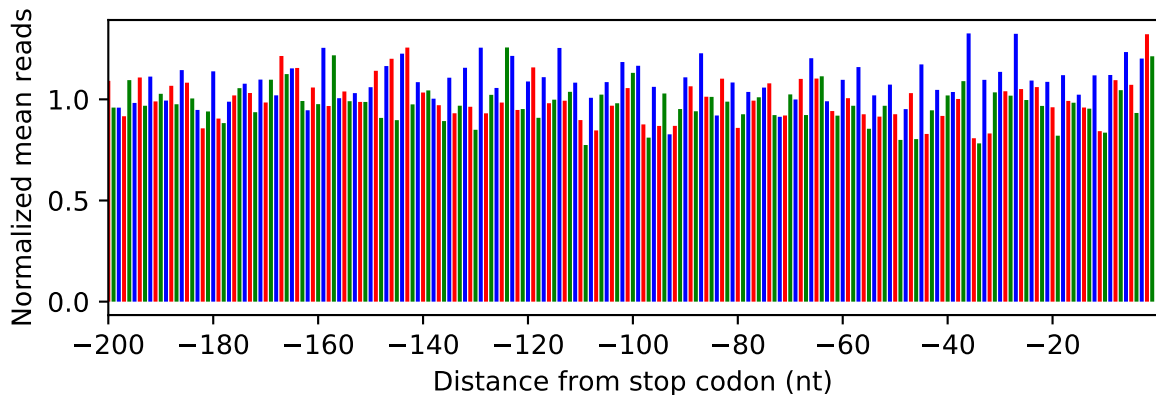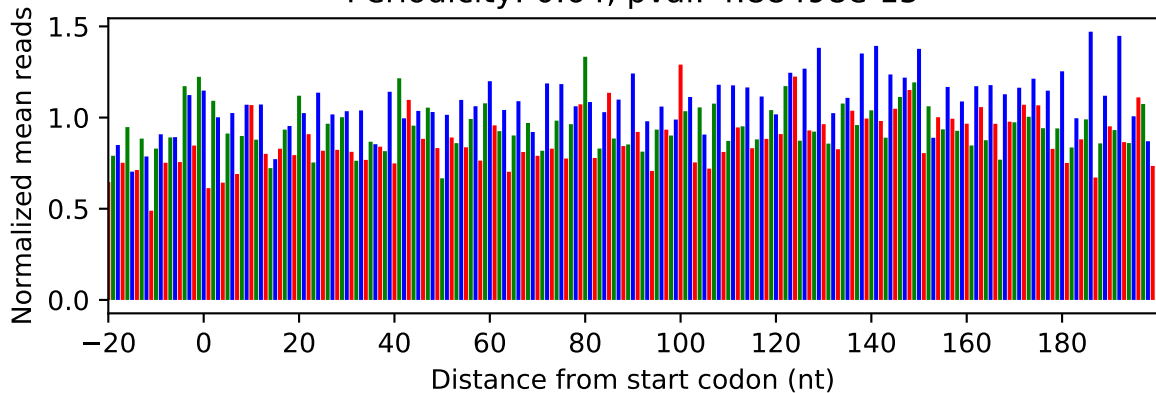**Periodicity: 0.62, pval: 4.21885e-15**

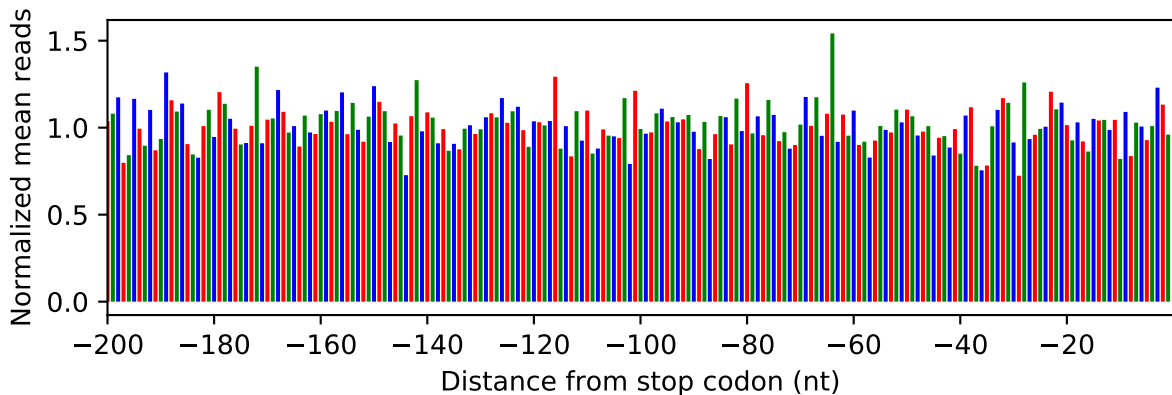37 nt reads, proportion: 7.82%
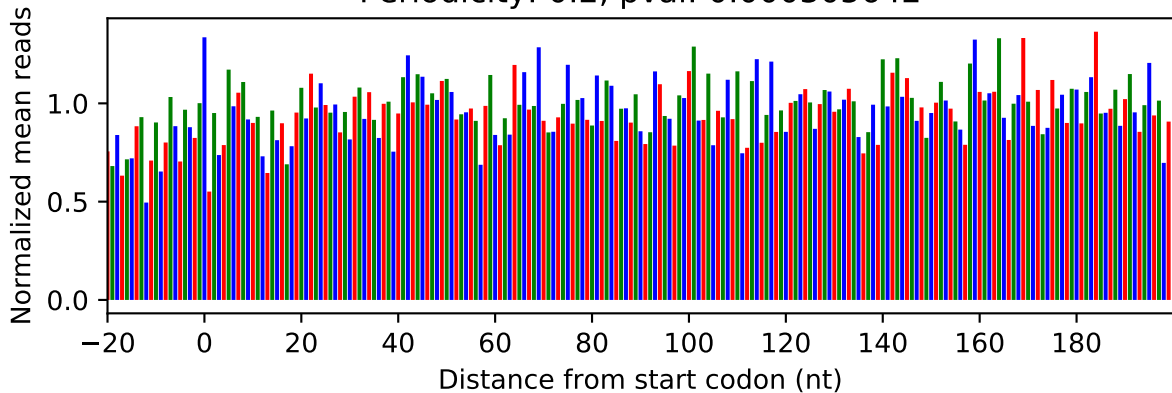Periodicity: 0.37, pval: 8.15459e-13

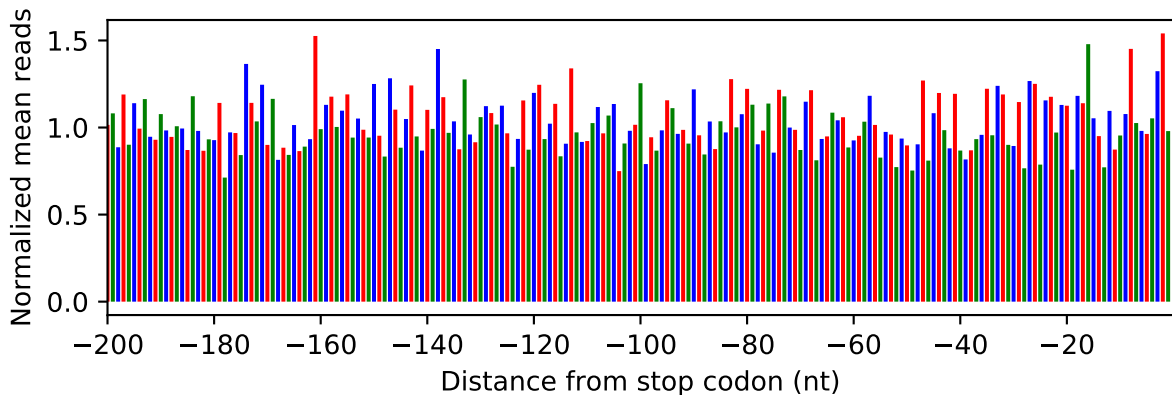**38 nt reads, proportion: 7.33%**
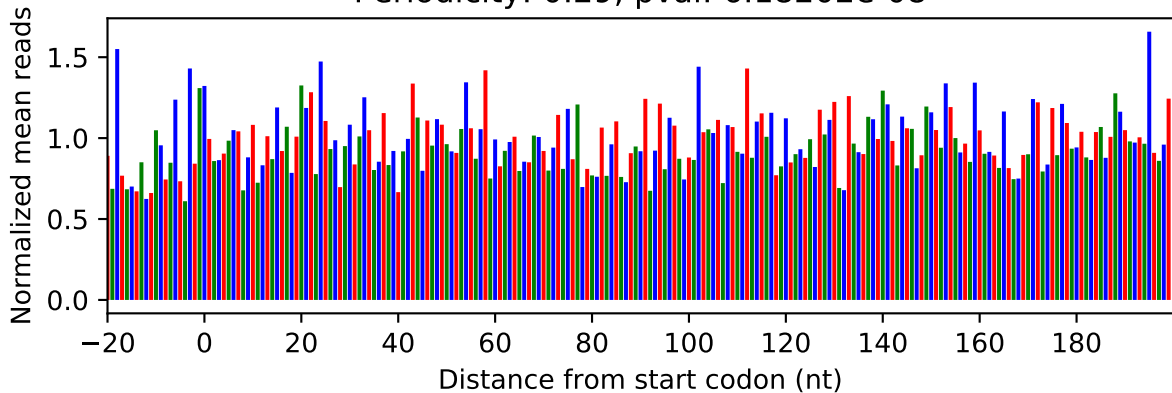**Periodicity: 0.31, pval: 4.05147e-09**

39 nt reads, proportion: 6.08%
Periodicity: 0.64, pval: 4.88498e-15

40 nt reads, proportion: 3.87%
Periodicity: 0.2, pval: 0.000305642

41 nt reads, proportion: 1.99%
Periodicity: 0.29, pval: 6.18202e-08

42 nt reads, proportion: 0.83%
Periodicity: 0.37, pval: 2.75002e-12