32 nt reads, proportion: 0.53%
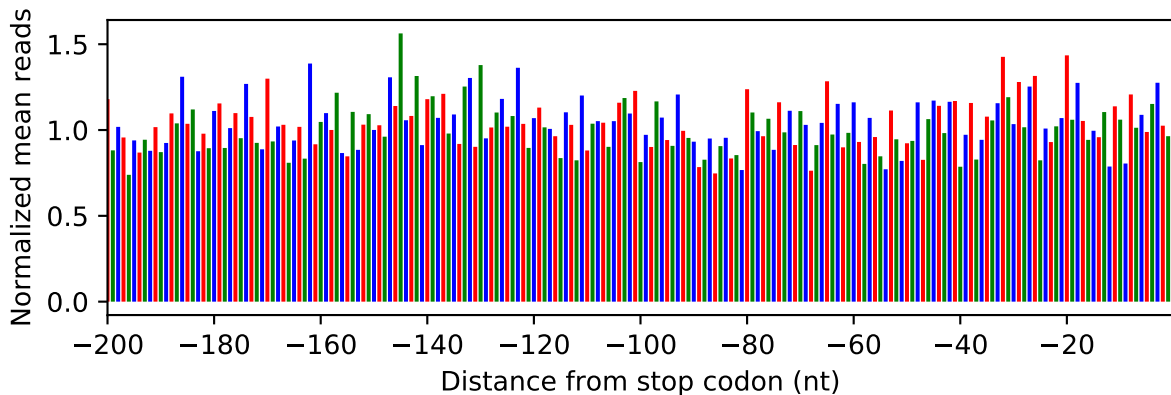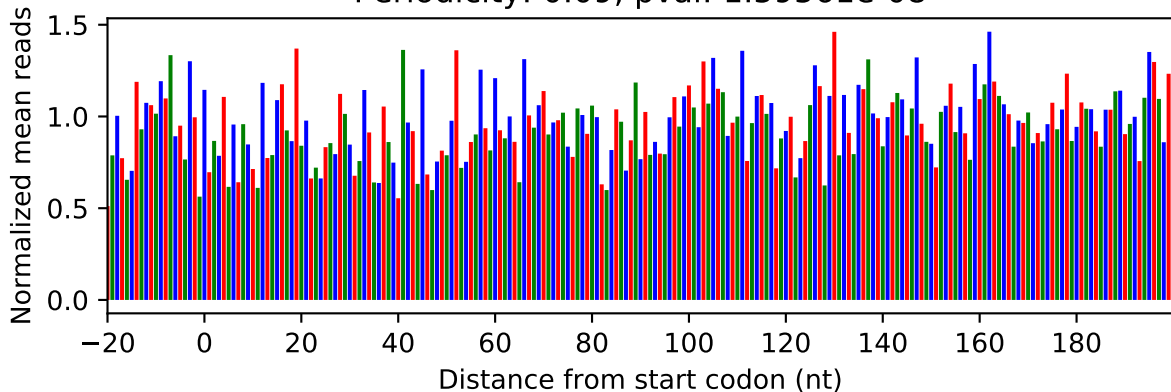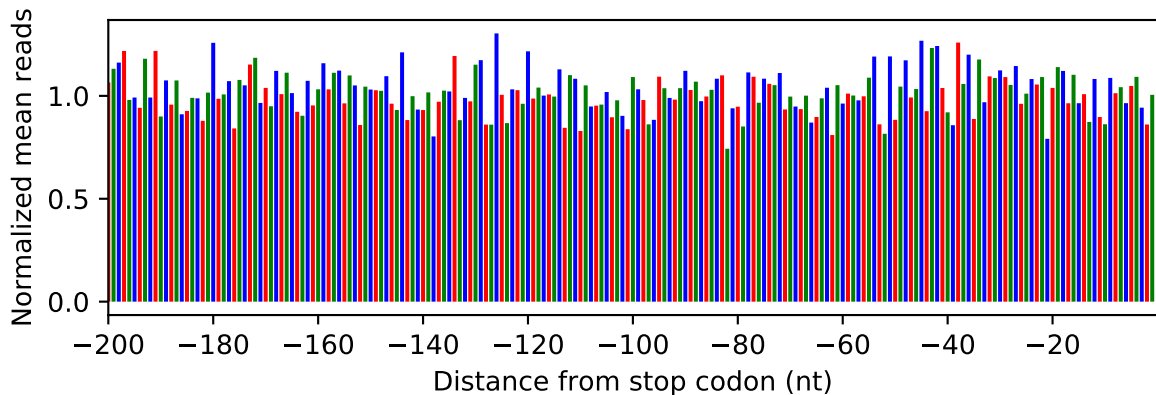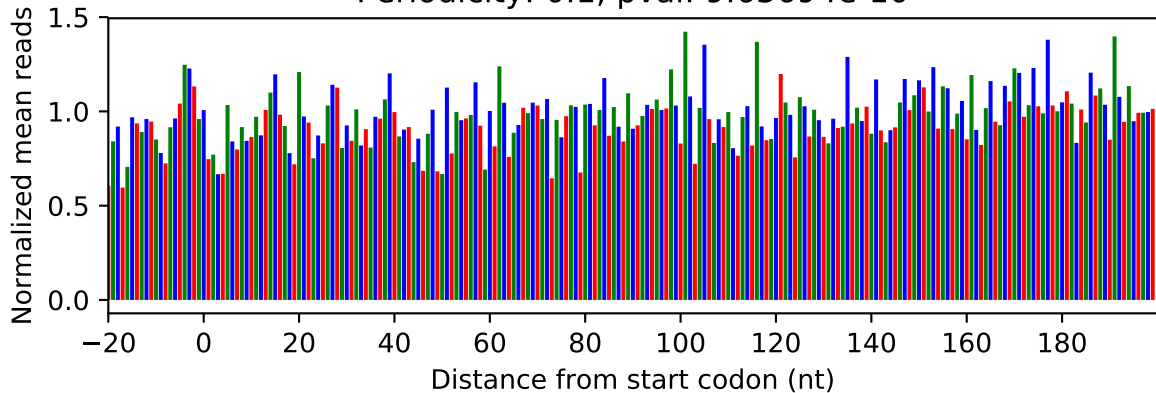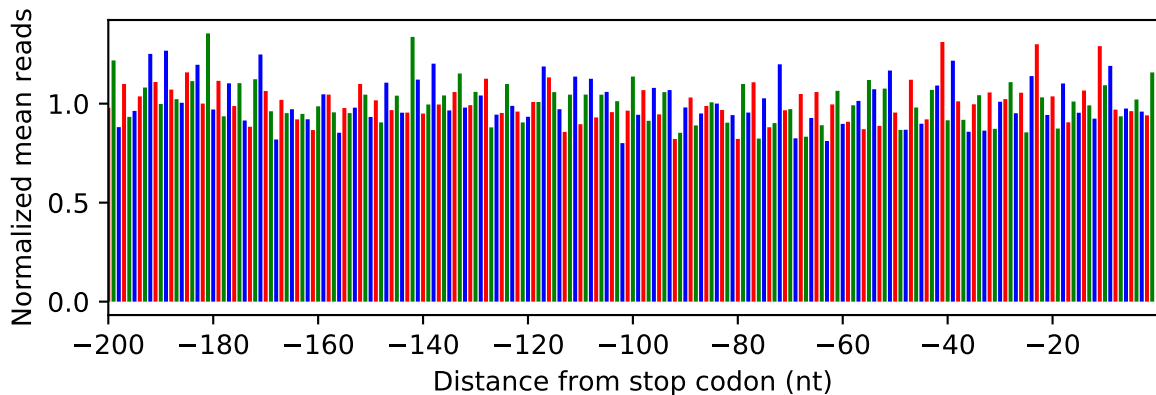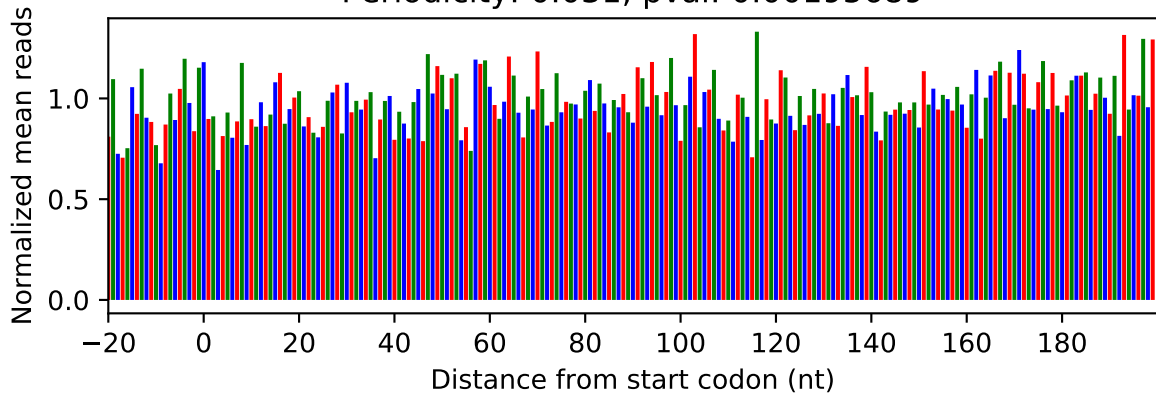Periodicity: 0.0086, pval: 0.179993
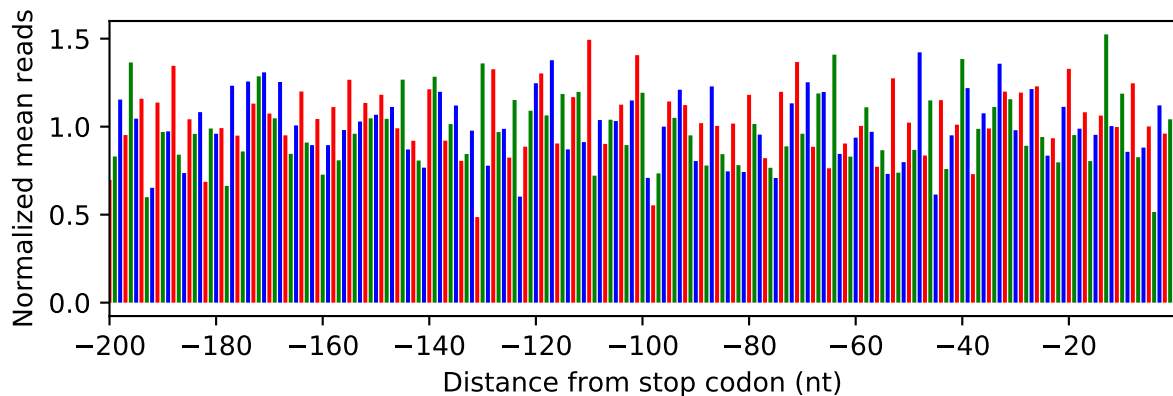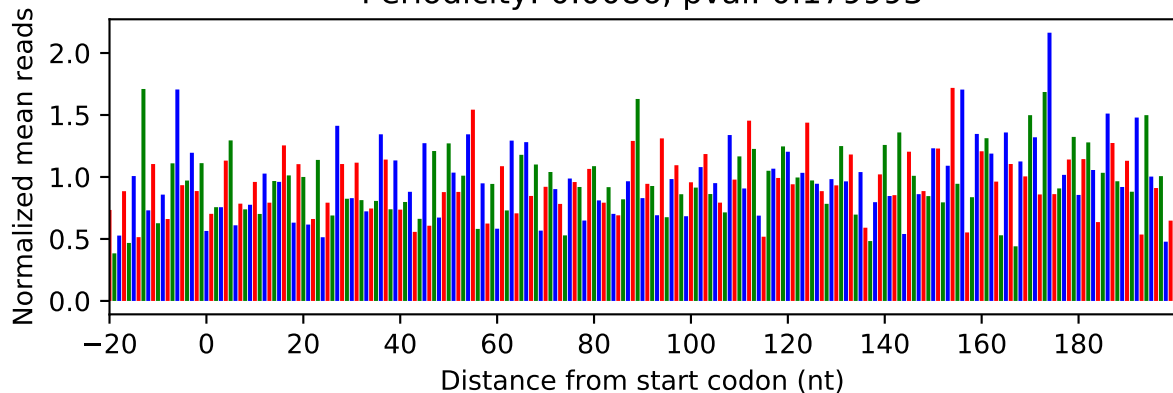
33 nt reads, proportion: 1.67%
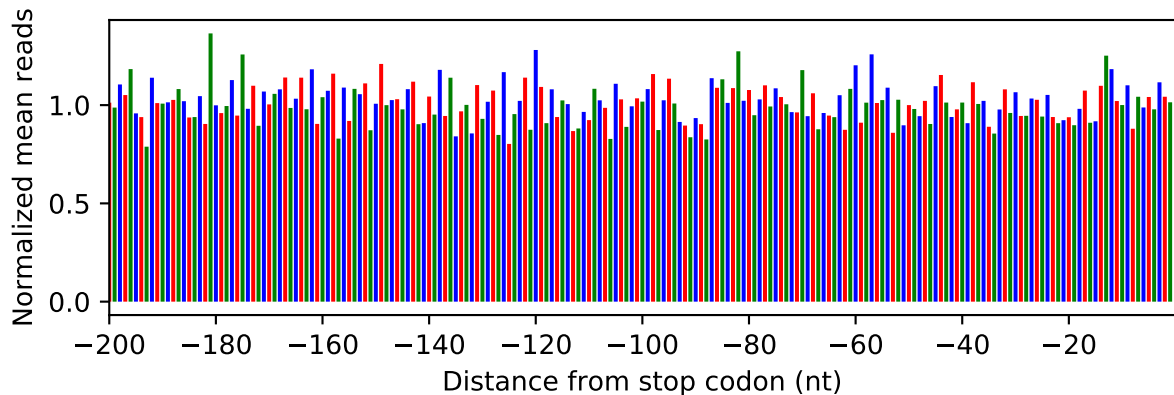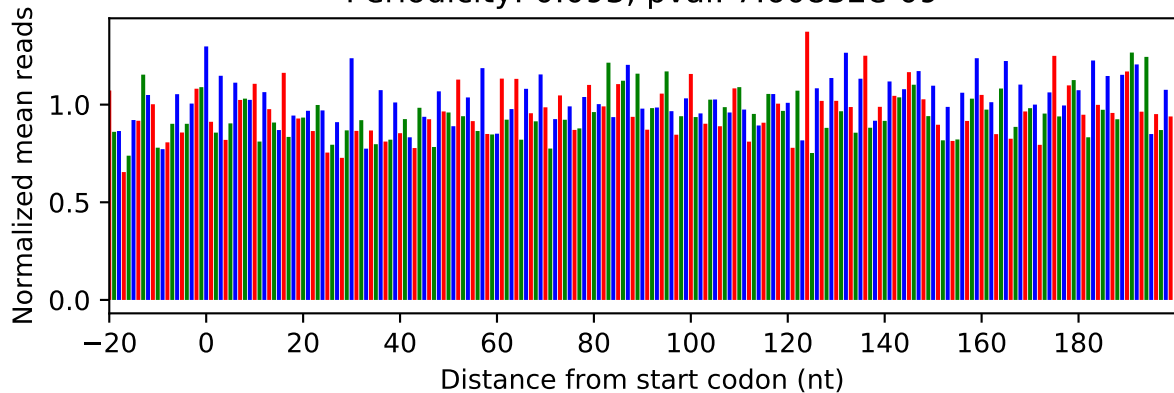**Periodicity: 0.09, pval: 1.59561e-08**

34 nt reads, proportion: 3.73%
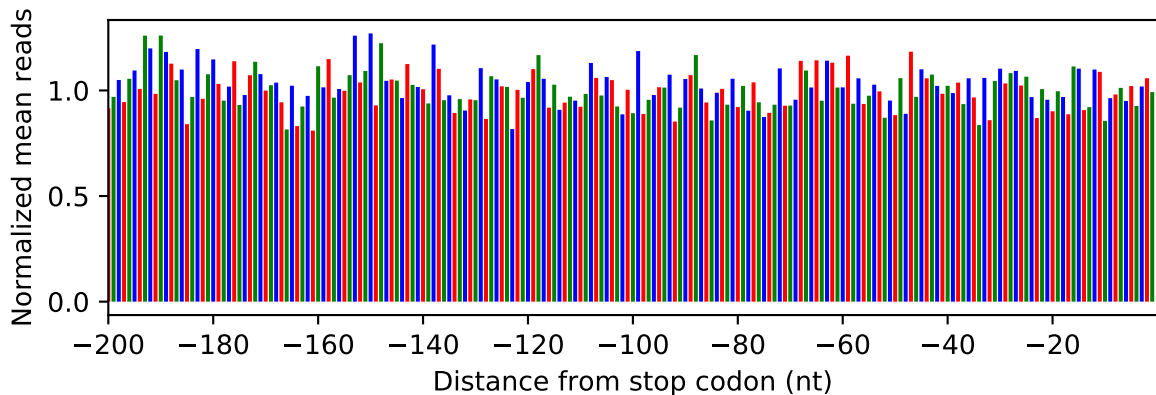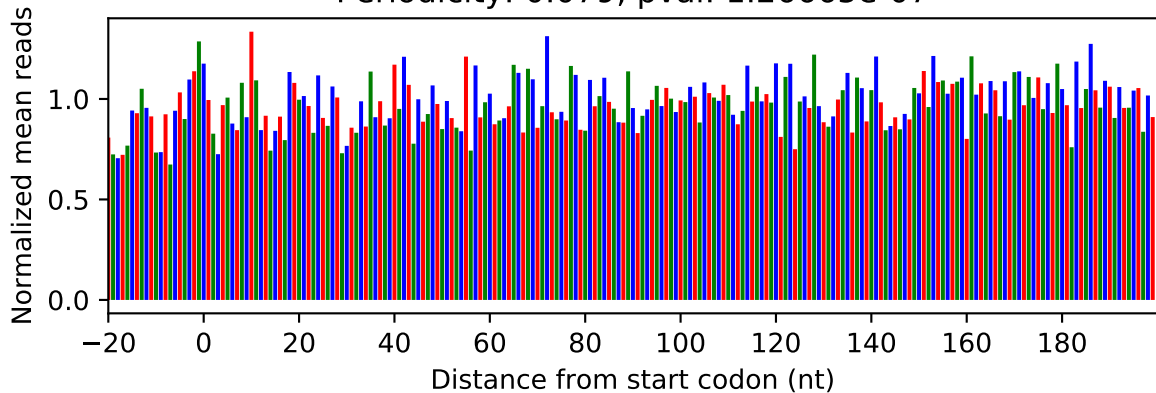Periodicity: 0.1, pval: 9.63694e-10

35 nt reads, proportion: 5.46%
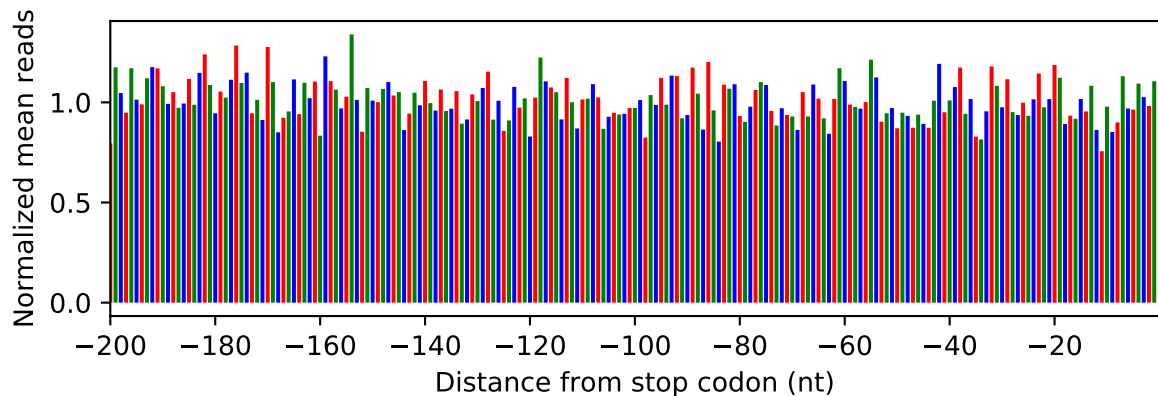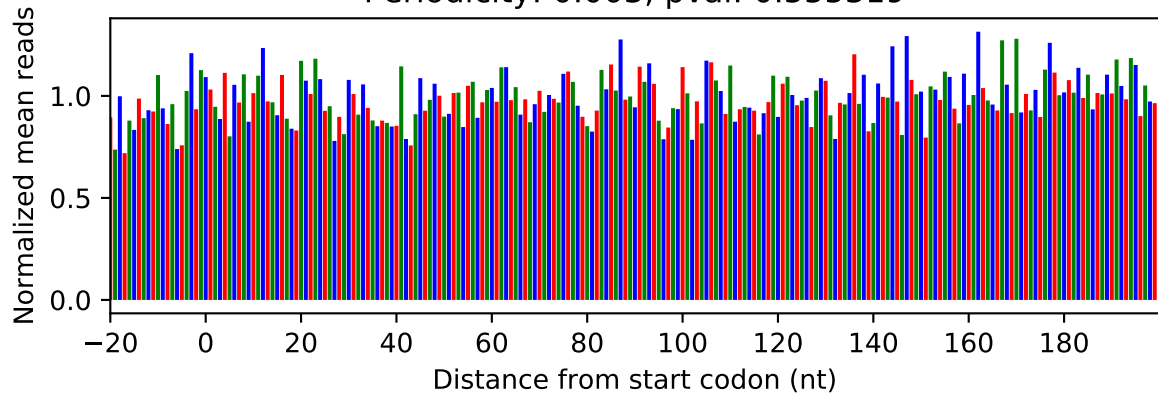Periodicity: 0.031, pval: 0.00195689

36 nt reads, proportion: 6.19%
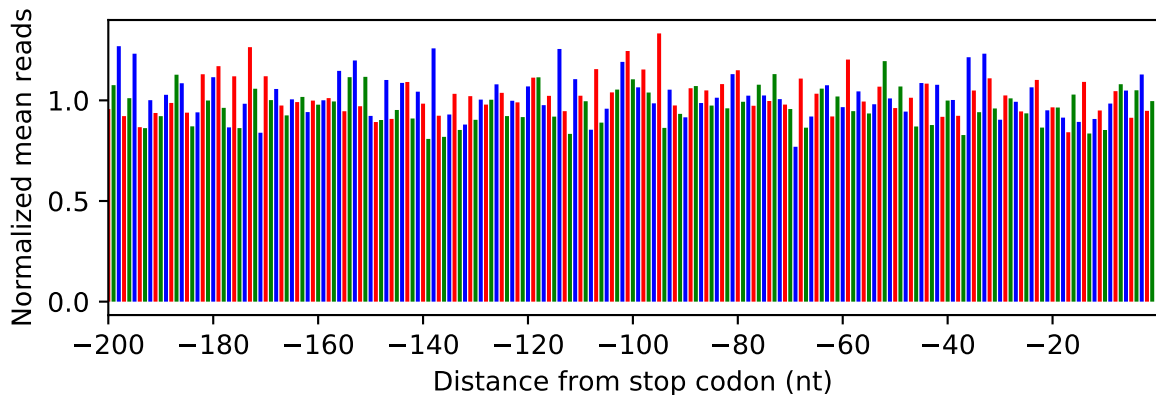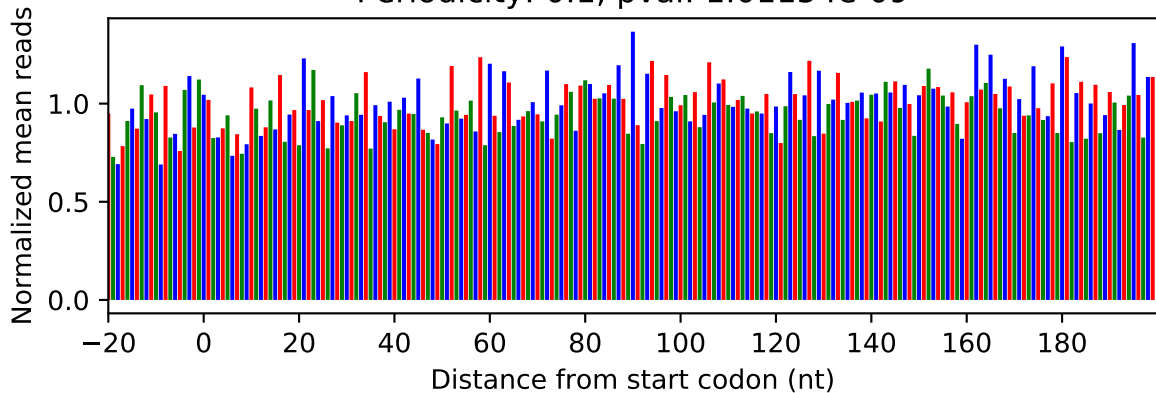Periodicity: 0.093, pval: 7.60832e-09

37 nt reads, proportion: 6.22%
Periodicity: 0.079, pval: 1.26665e-07

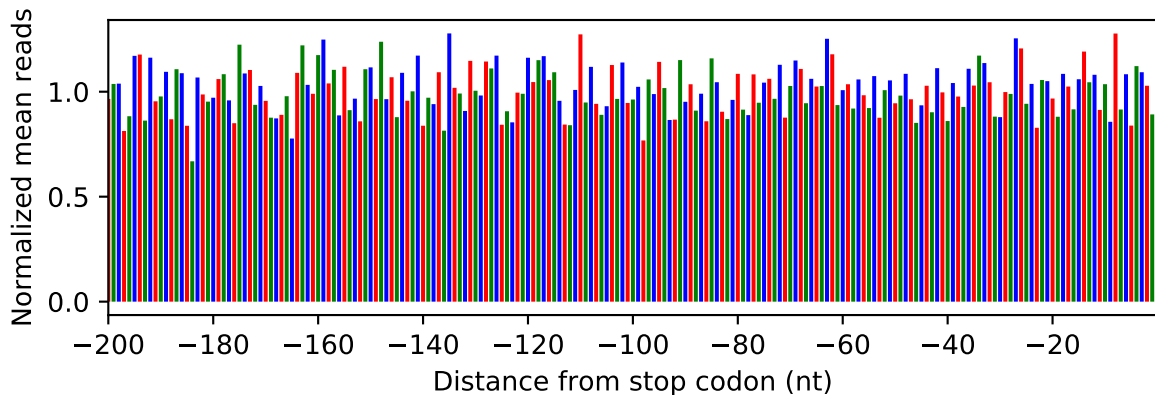38 nt reads, proportion: 6.00%
Periodicity: 0.003, pval: 0.555319

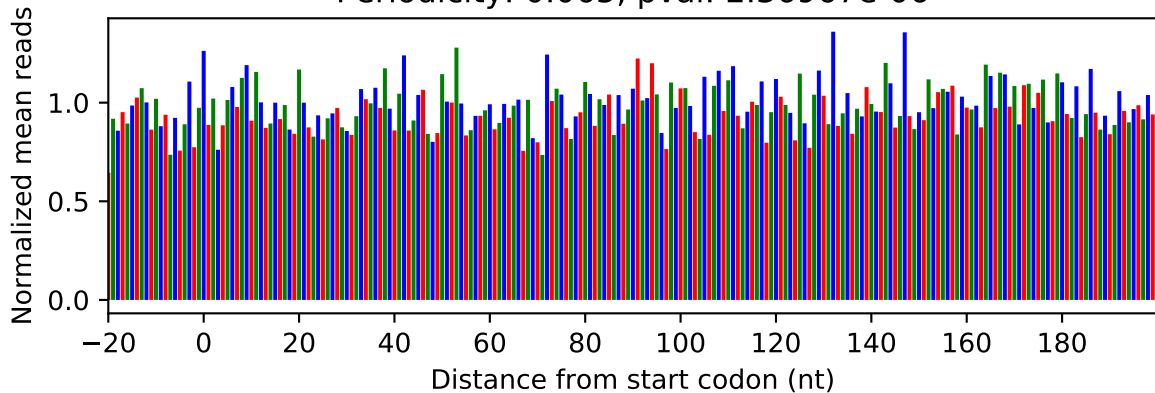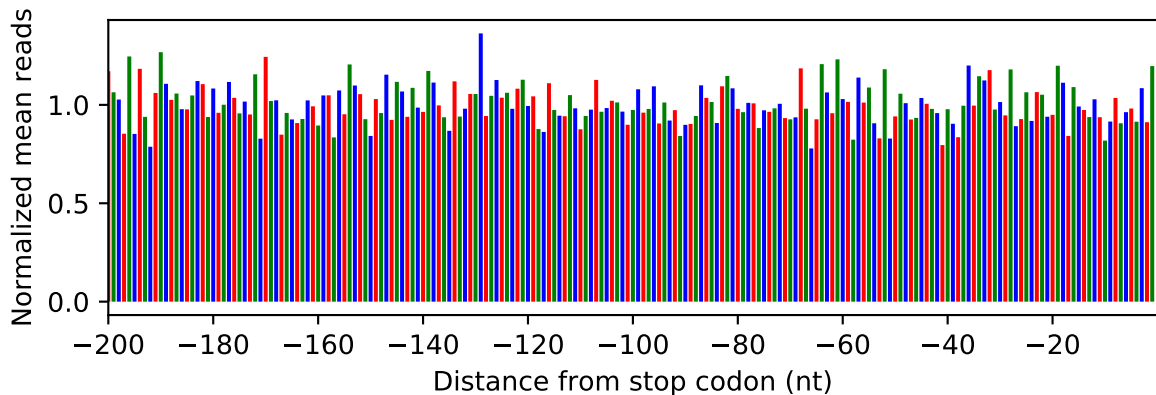**39 nt reads, proportion: 5.70%**
Periodicity: 0.1, pval: 1.01154e-09

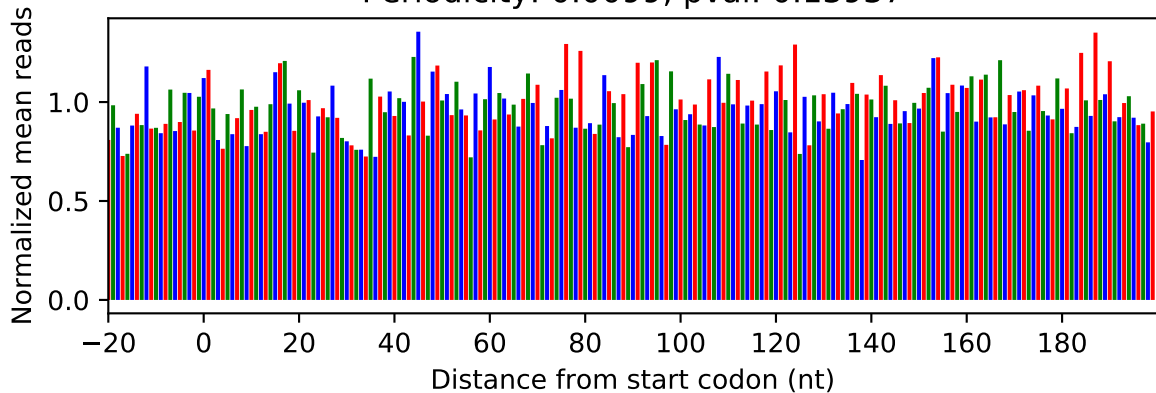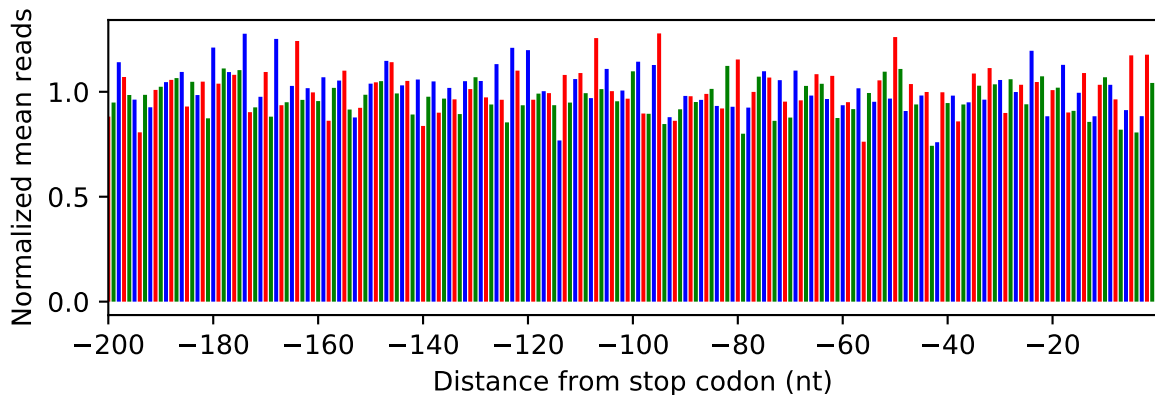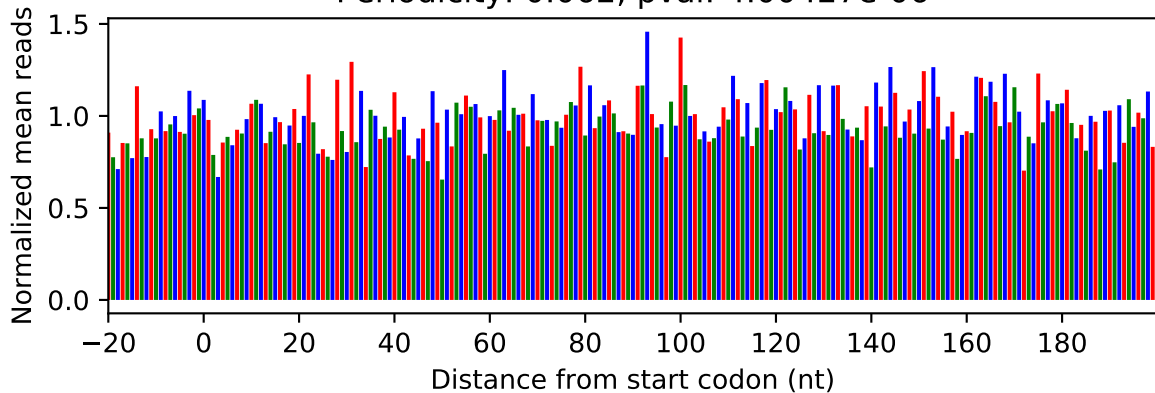40 nt reads, proportion: 5.43%
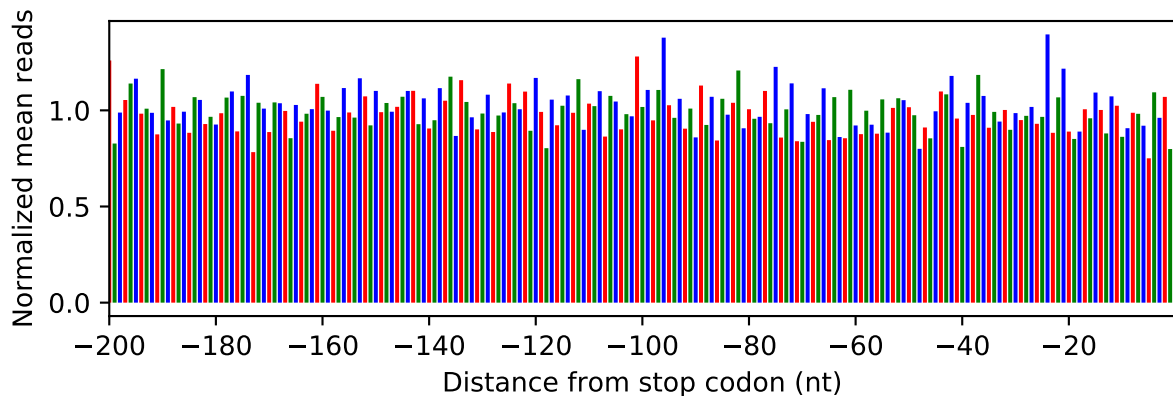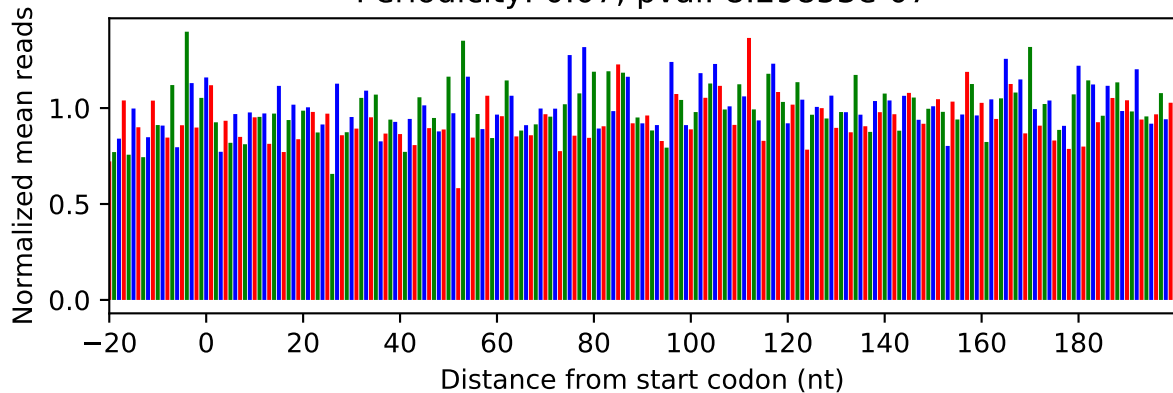Periodicity: 0.065, pval: 2.36967e-06

41 nt reads, proportion: 5.14%
Periodicity: 0.0099, pval: 0.13937

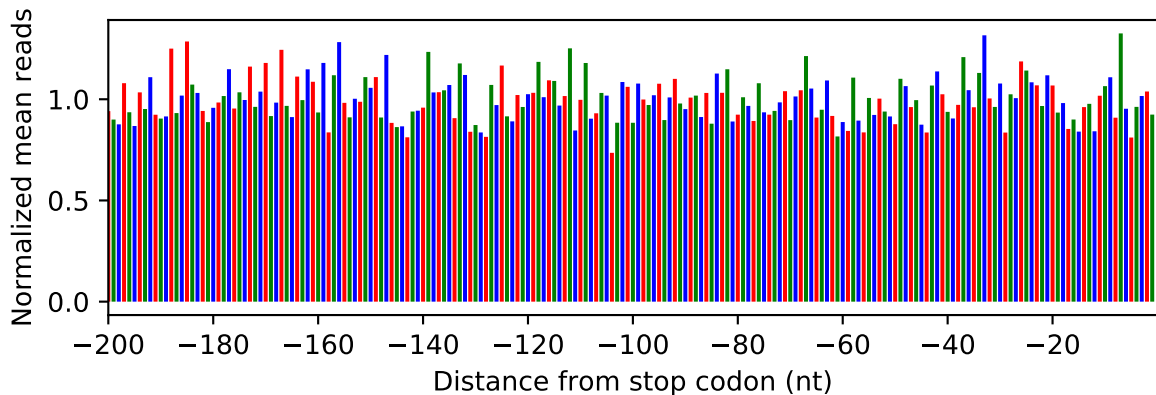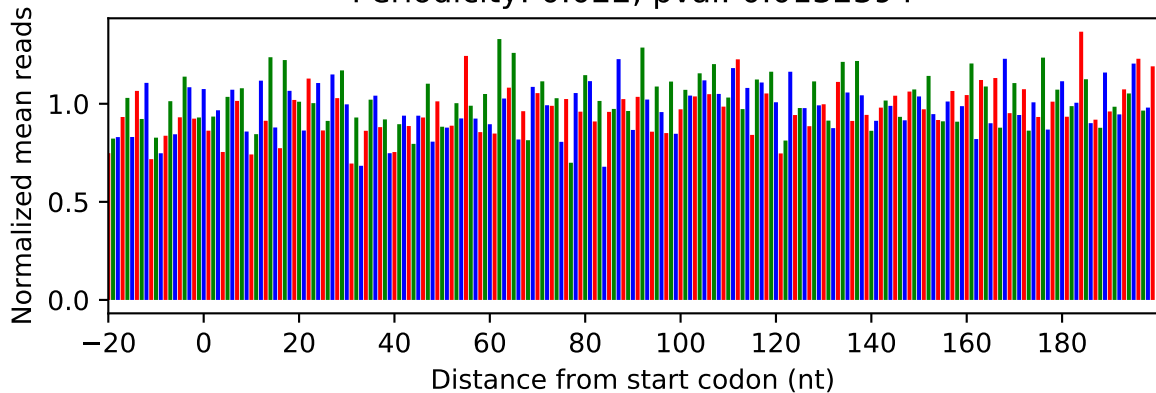**42 nt reads, proportion: 4.88%**
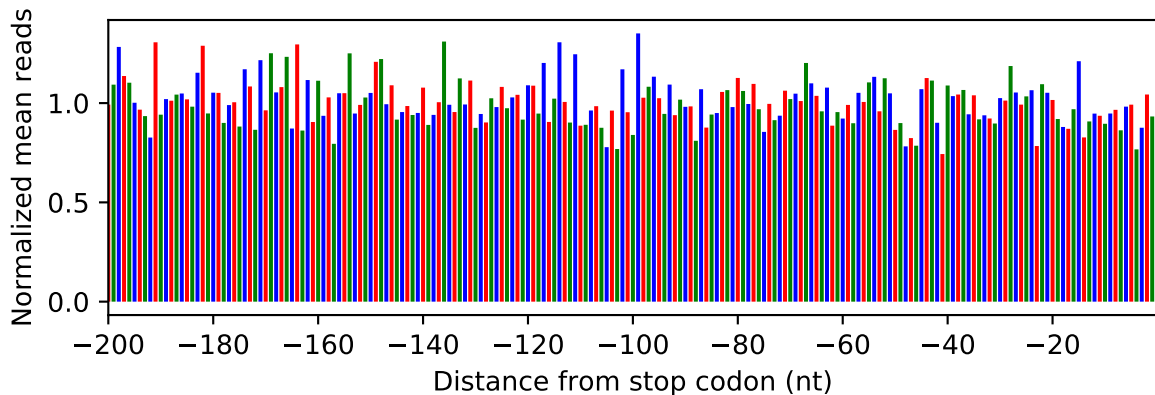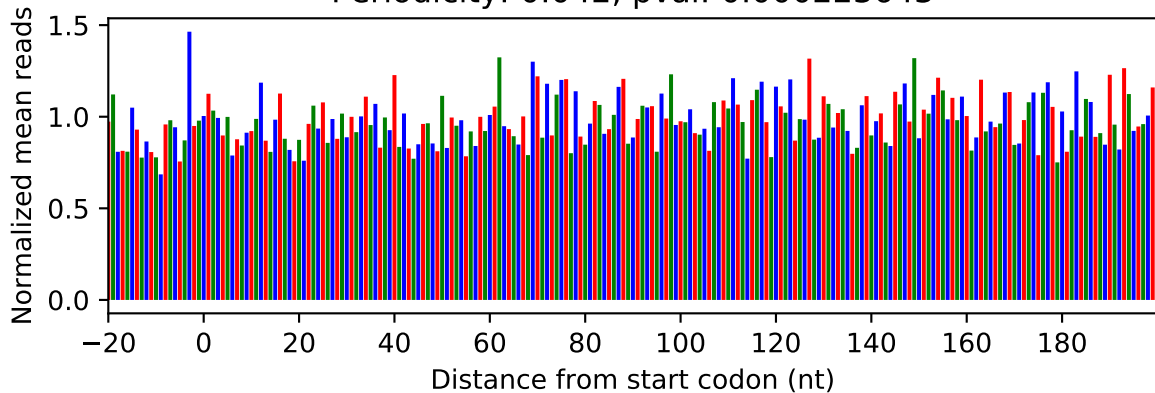**Periodicity: 0.062, pval: 4.00427e-06**

43 nt reads, proportion: 4.64%
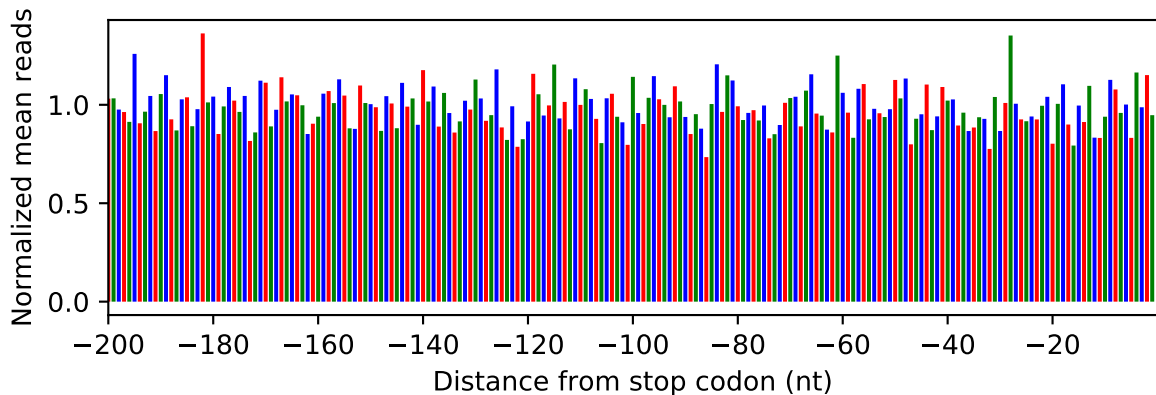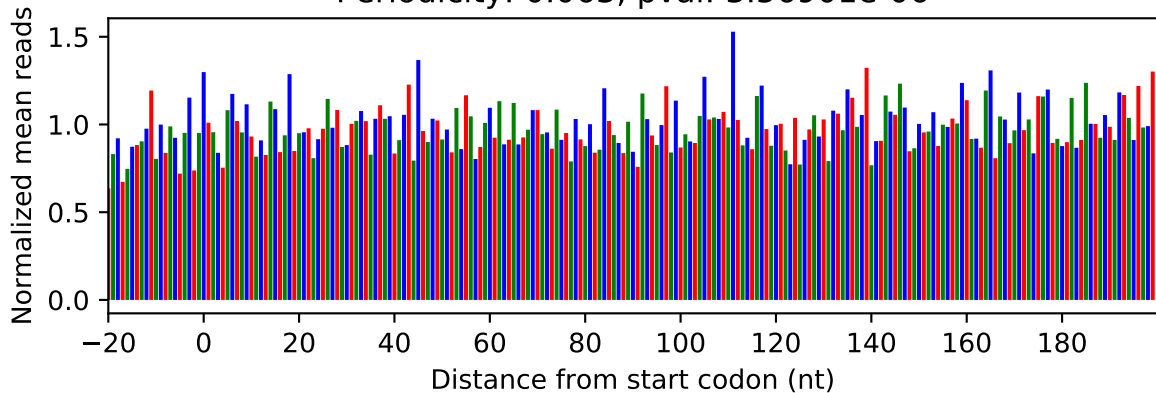Periodicity: 0.07, pval: 8.29853e-07

44 nt reads, proportion: 4.40%
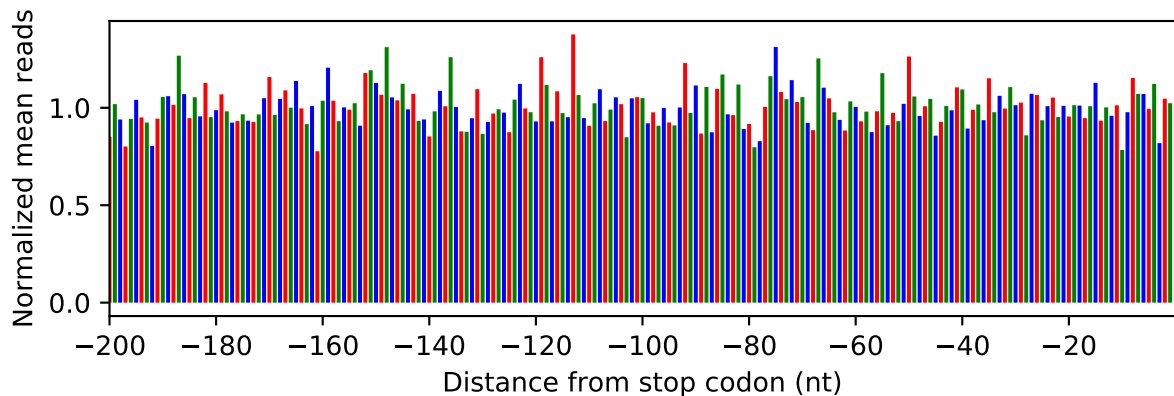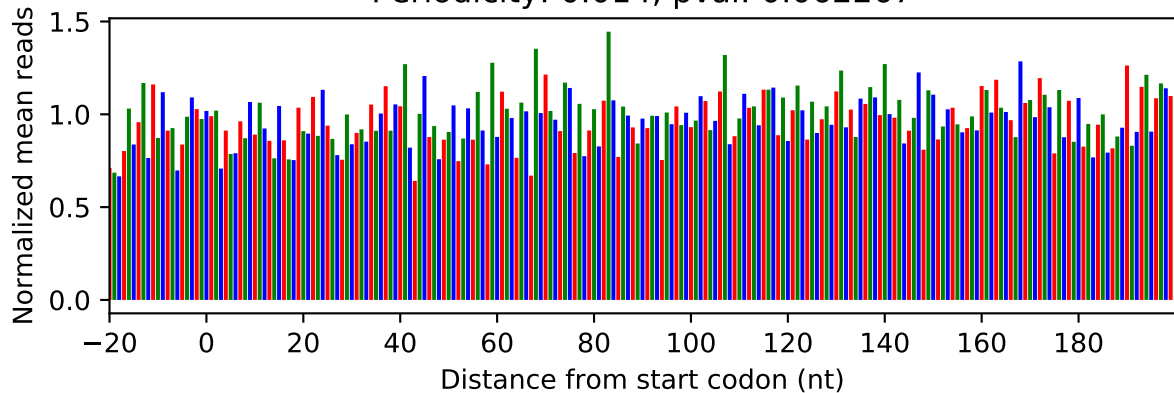**Periodicity: 0.022, pval: 0.0132394**

45 nt reads, proportion: 4.17%
Periodicity: 0.042, pval: 0.000223643

46 nt reads, proportion: 3.95%
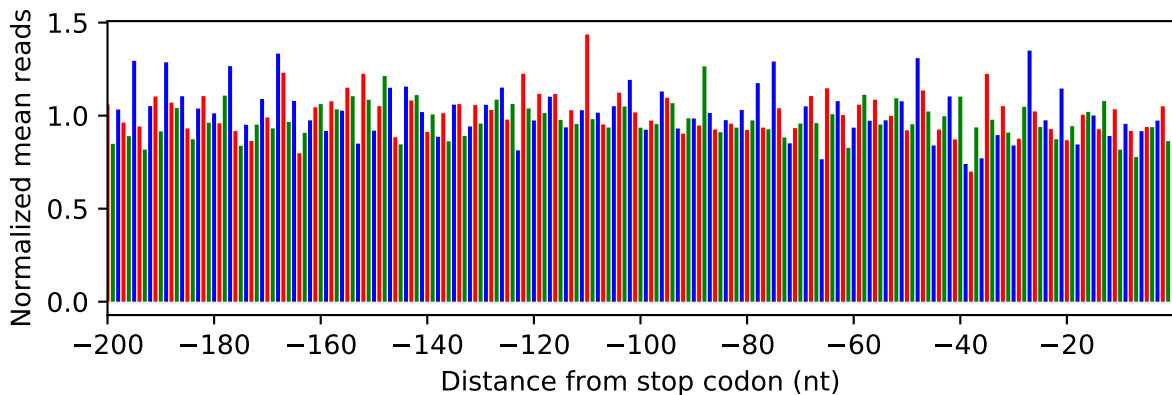Periodicity: 0.063, pval: 3.56901e-06

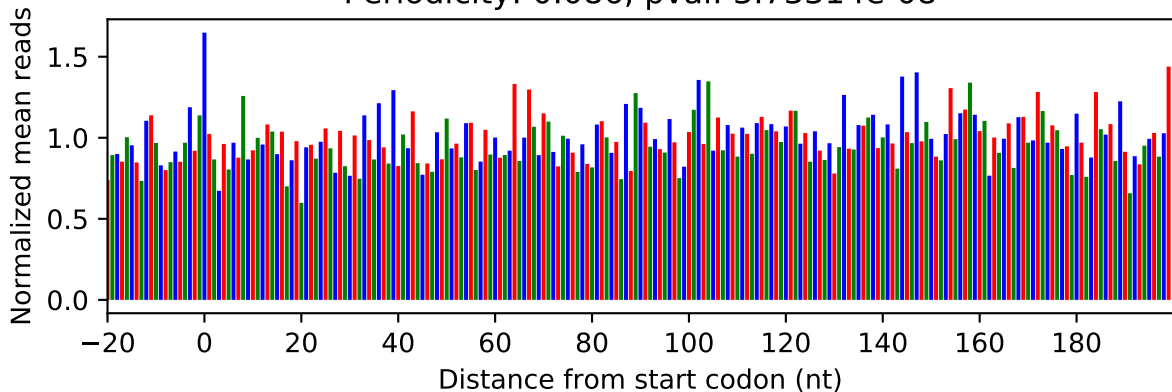**47 nt reads, proportion: 3.75%**
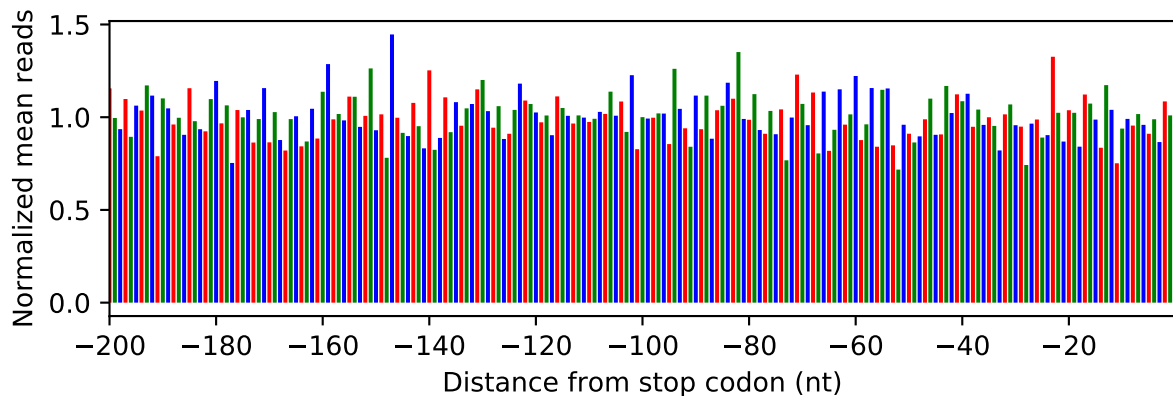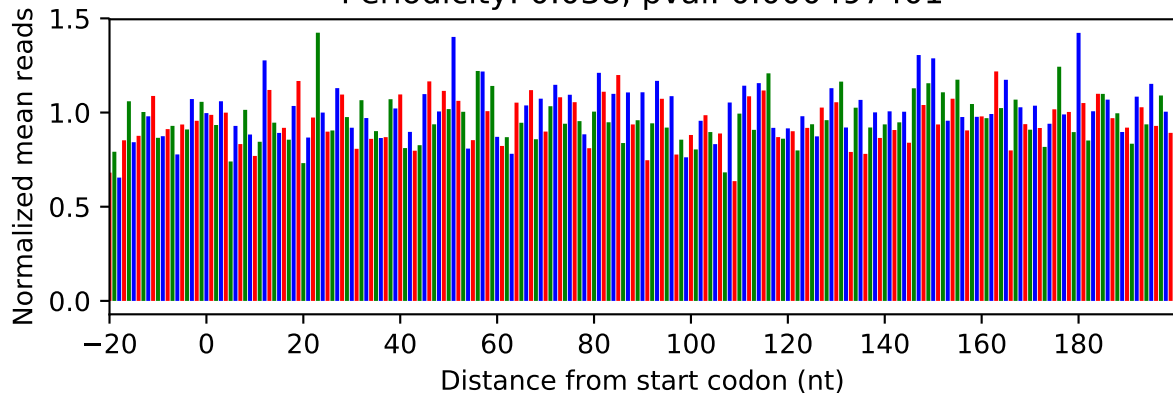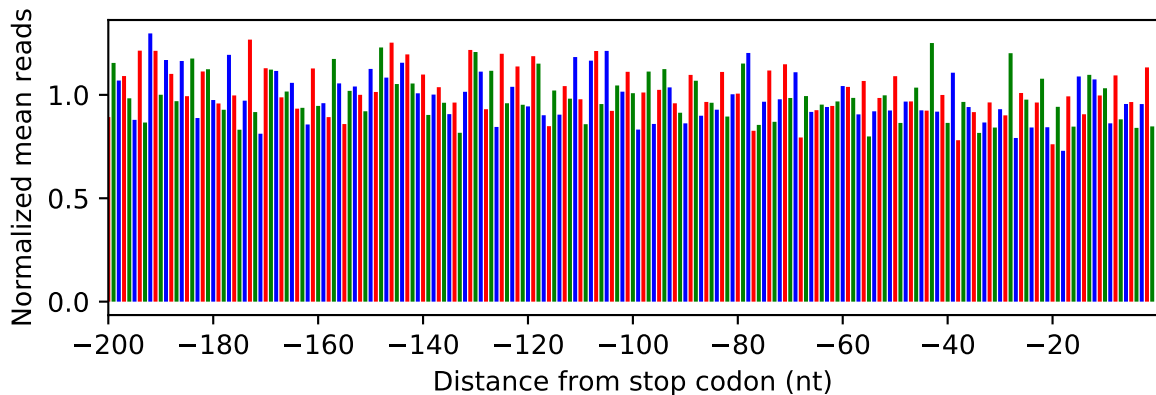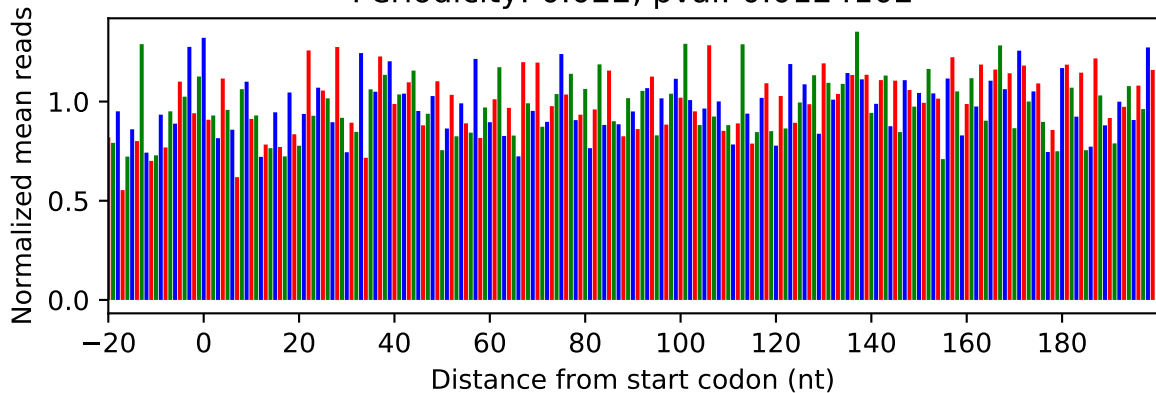**Periodicity: 0.014, pval: 0.062267**

48 nt reads, proportion: 3.55%
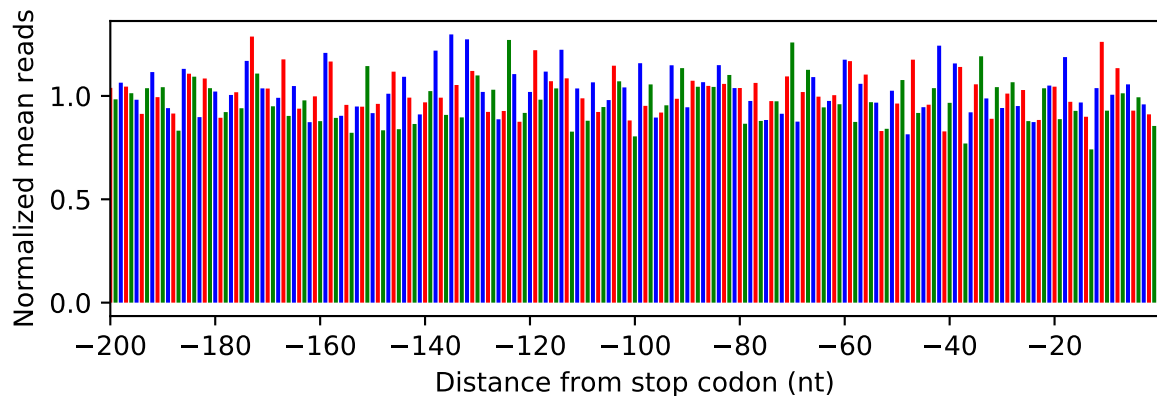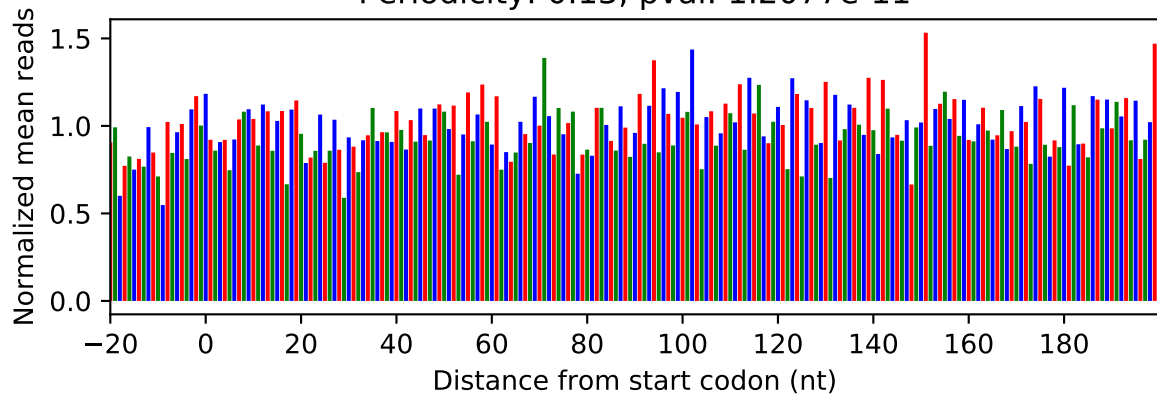**Periodicity: 0.086, pval: 3.73314e-08**

49 nt reads, proportion: 3.40%
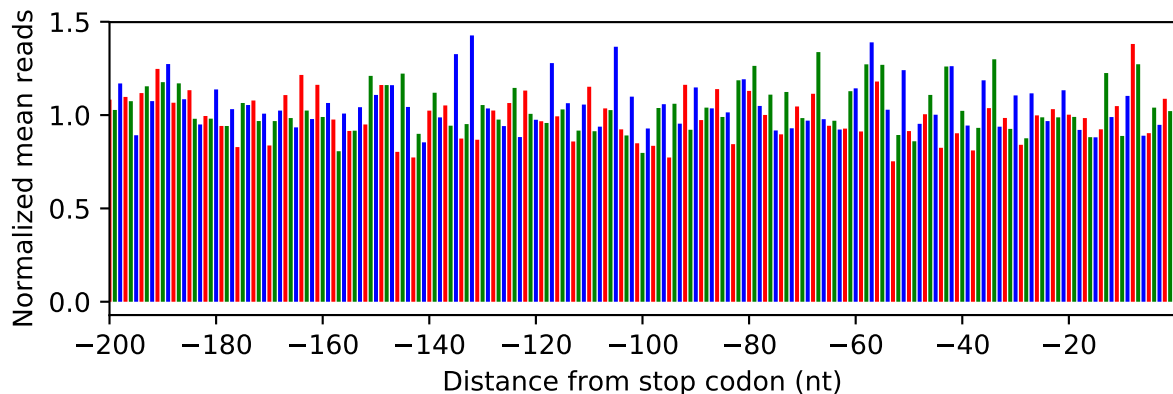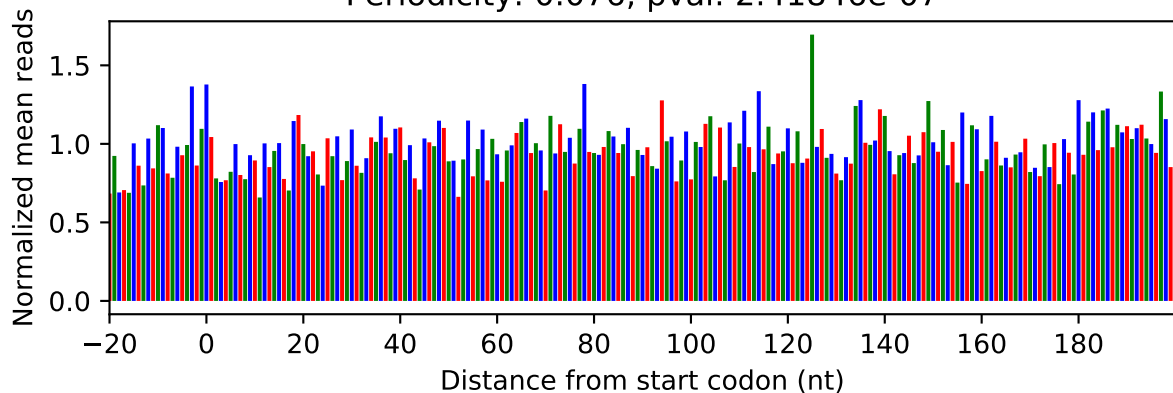**Periodicity: 0.038, pval: 0.000497401**

50 nt reads, proportion: 3.21%
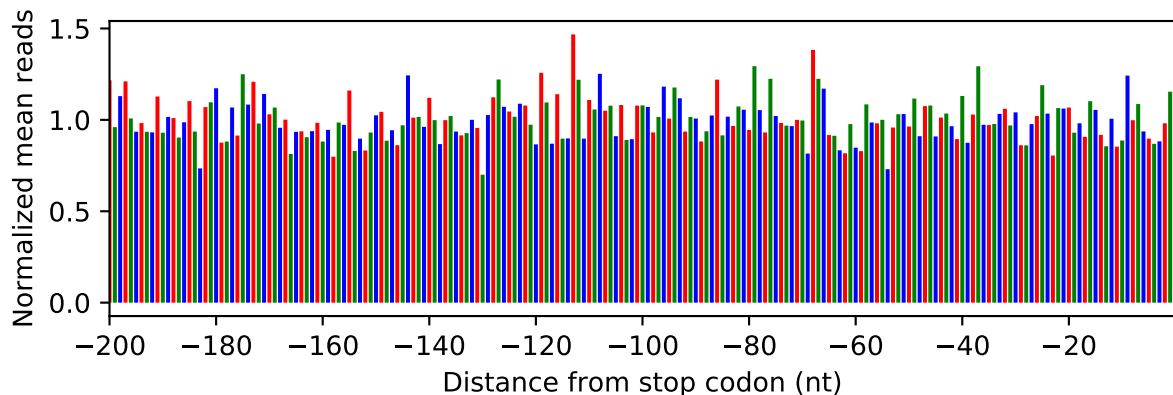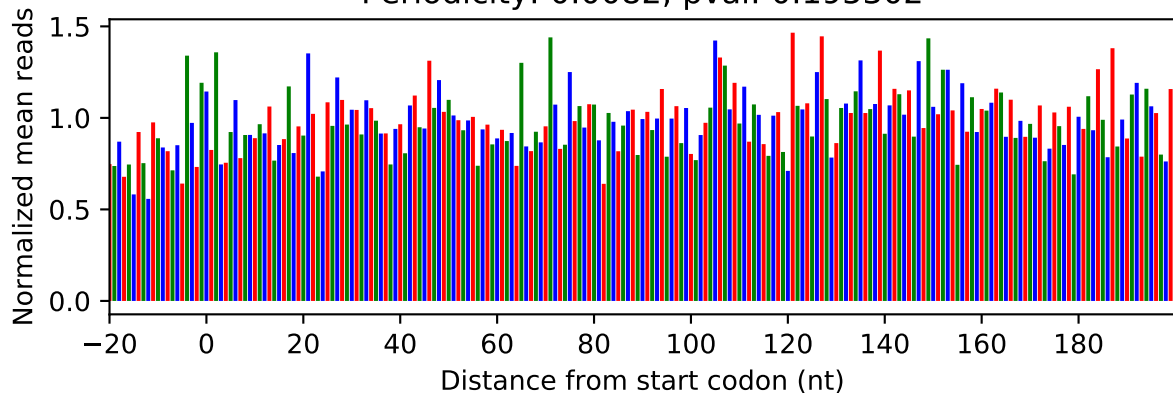Periodicity: 0.022, pval: 0.0124102

51 nt reads, proportion: 3.02%
Periodicity: 0.13, pval: 1.2077e-11

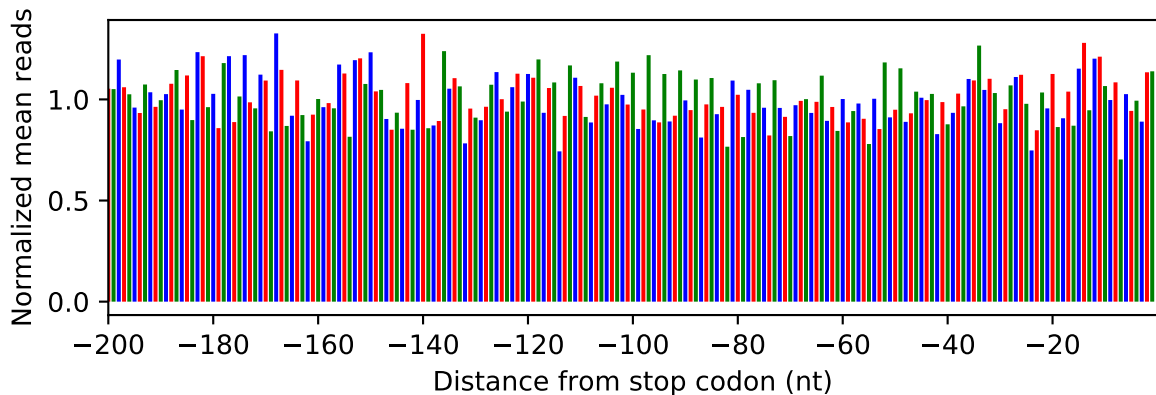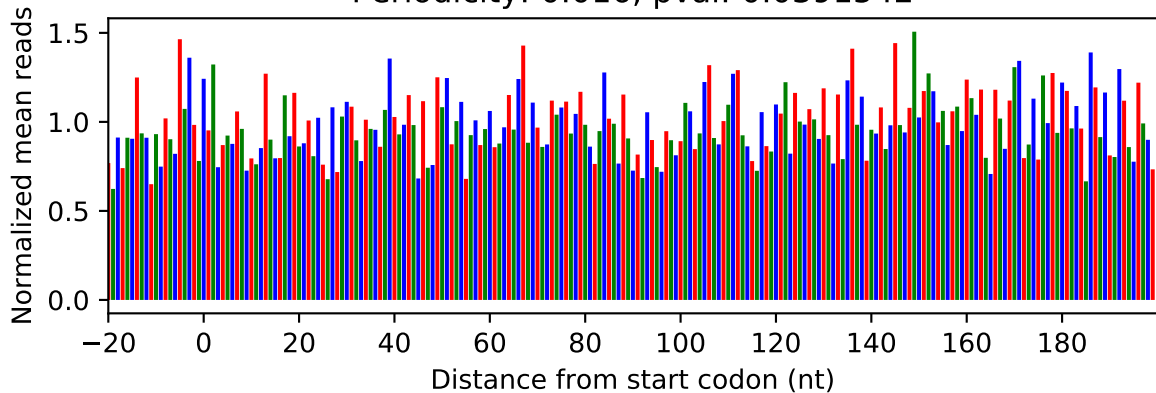**52 nt reads, proportion: 2.84%**
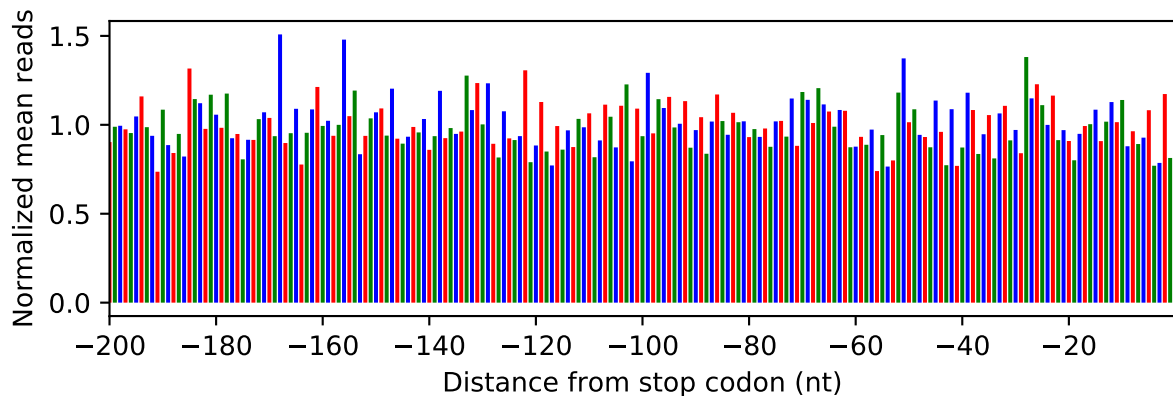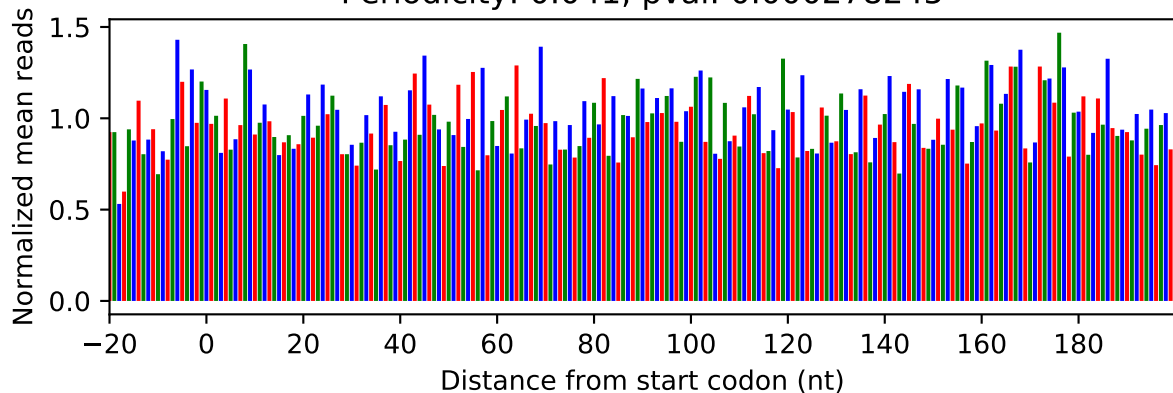**Periodicity: 0.076, pval: 2.41846e-07**

53 nt reads, proportion: 2.63%
Periodicity: 0.0082, pval: 0.195302

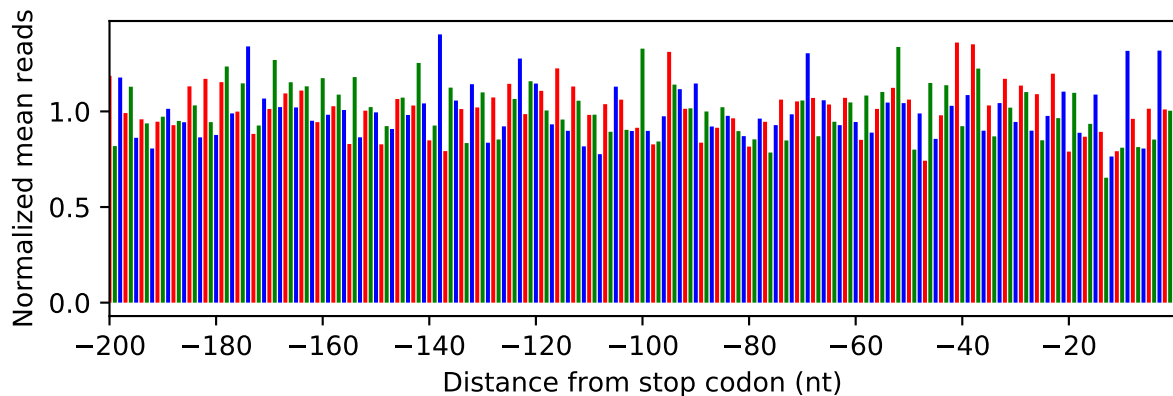**54 nt reads, proportion: 2.43%**
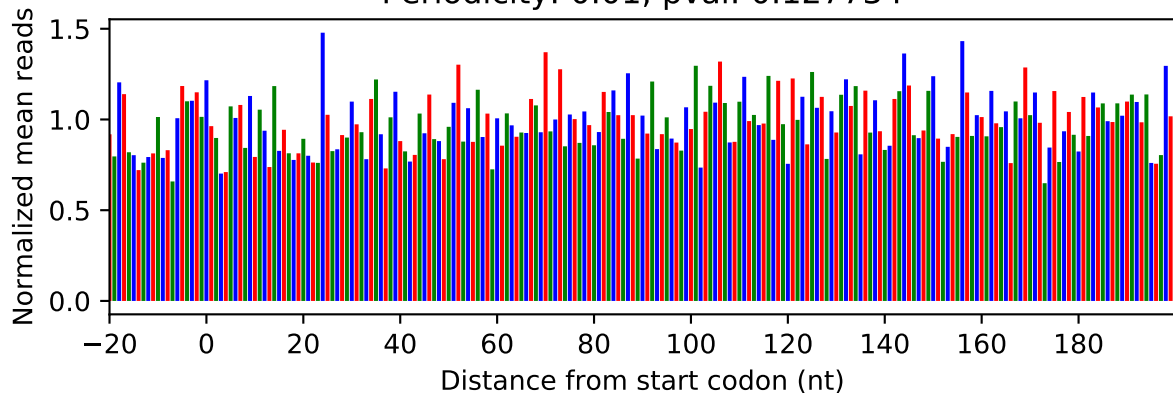**Periodicity: 0.016, pval: 0.0391542**

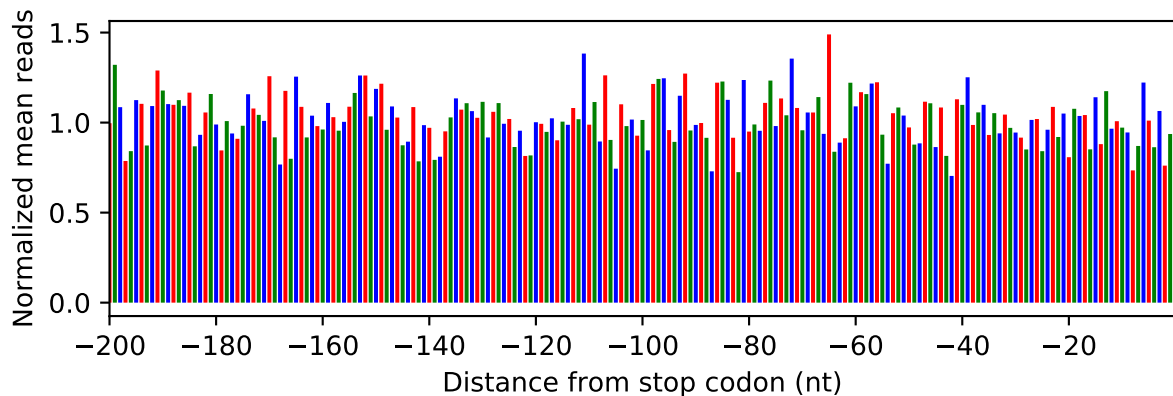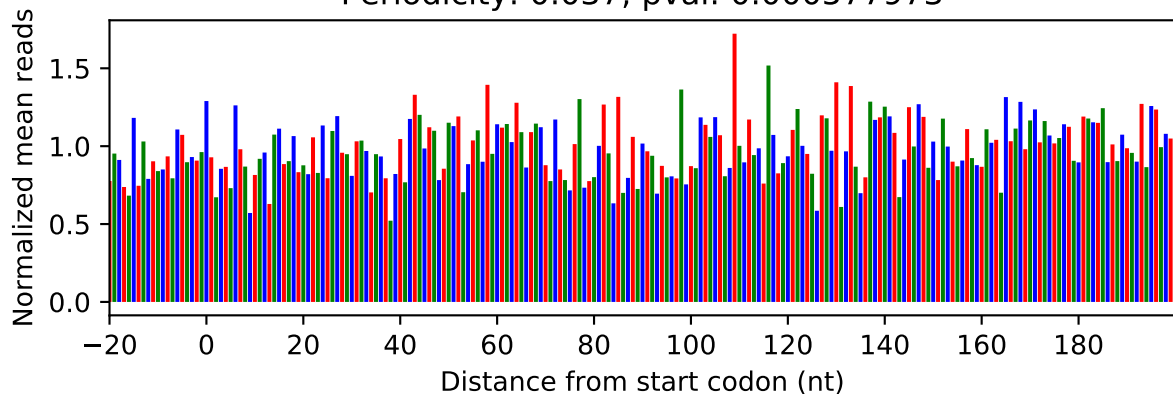55 nt reads, proportion: 2.27%
Periodicity: 0.041, pval: 0.000278245

56 nt reads, proportion: 2.06%
Periodicity: 0.01, pval: 0.127734

57 nt reads, proportion: 1.68%
Periodicity: 0.037, pval: 0.000577973

58 nt reads, proportion: 1.06%
Periodicity: 0.044, pval: 0.000151005