**Figure 3-source data file 2:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Baseline** | **Amplitude** | **Phase-shift** | **R2** |
| **anti-NONO** | 256.2 | 172.8 | -0.911 | 0.736 |
| **anti-SFPQ** | 151.1 | 66.27 | -1.278 | 0.56 |
| **anti-RBM14** | 129.7 | 37.86 | -10.92 | 0.811 |
| **anti-PSPC1** | 265.7 | 145.4 | -0.641 | 0.653 |

**Figure 3-source data file 2:** **Cosinor analysis of the rhythmic binding of the four paraspeckle-associated proteins on Neat1 RNA in GH4C1 cells :** binding of NONO, SFPQ, PSPC1 and RBM14 on Neat1 RNA displayed a rhythmic pattern in GH4C1 cells that could be fitted with a non-linear sine wave equation (Y = Baseline + Amplitude \* sin (Frequency\*X  Phase-shift) in which the period value (2pi/Frequency) was constrained to the circadian period value 24h. Presented are the best-fit values obtained with a R2>0.55.