

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Mass spectrometry analysis of the interactome of DIDO, PHF3, RBM15 and SHARP SPOC domains in HEK293T cells.

File Name: Supplementary Data 2

Description: Mass spectrometry analysis of the interactome of full length SHARP and SHARP Δ SPOC in HEK293T cells.

File Name: Supplementary Data 3

Description: RNA-seq analysis in DIDO Δ SPOC, DIDO KO, DIDO WT, RBM15 Δ SPOC, RBM15 KO, RBM15 WT, SHARP Δ SPOC, SHARP WT, PHF3 Δ SPOC, PHF3 KO and PHF3 WT HEK293T cells.

File Name: Supplementary Data 4

Description: TT-seq analysis in DIDO Δ SPOC, DIDO KO, DIDO WT, RBM15 Δ SPOC, RBM15 KO, RBM15 WT, SHARP Δ SPOC, SHARP WT, PHF3 Δ SPOC, PHF3 KO and PHF3 WT HEK293T cells.

File Name: Supplementary Data 5

Description: ChIP-seq analysis.

File Name: Supplementary Data 6

Description: Optimized parameters for each compound analysed in the mass spectrometry analysis of hydrolysed nucleosides.