

Descriptions of Additional Supplementary Files

Supplementary Movie 1: Dynamics of condensation of BD1-BD2-AD and p300. Time laps imaging. Left panel: GFPBD1-BD2-AD. Middle: RFP-p300. Right: Merge of GFP- BD1-BD2-AD and RFP-p300.

Supplementary Movie 2: Dynamics of condensation of BRD4-NUT and p300. Time laps imaging. Left panel: GFPBRD4-NUT. Middle: RFP-p300. Right: Merge of GFP-BRD4-NUT and RFPp300.

Supplementary Data 1: Cross-linking mass spectrometry data showing interactions between p300 and nucleosome core particles.

Supplementary Data 2: Mass spectrometry data showing nucleosome acetylation by p300.