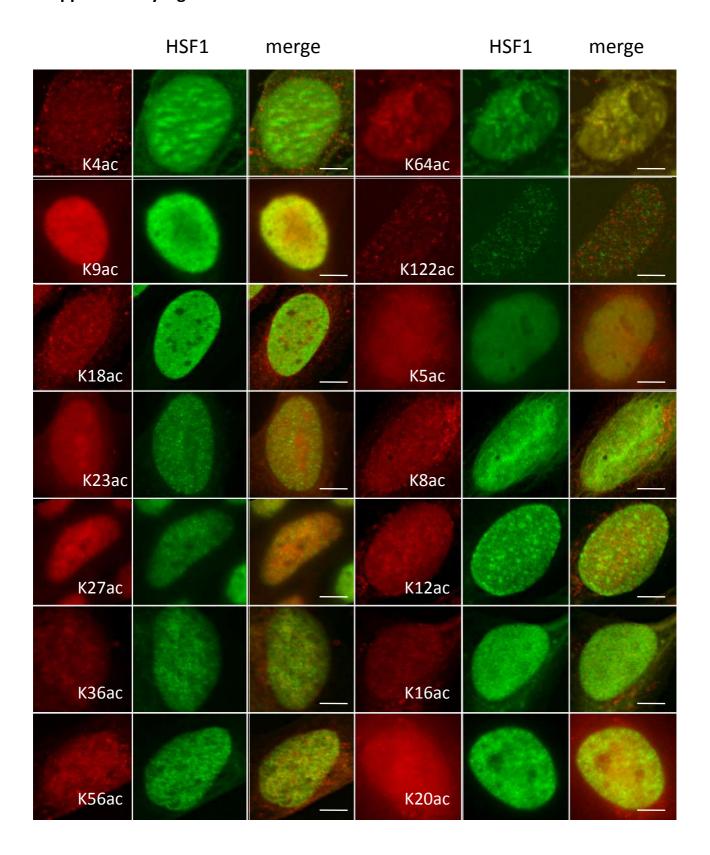
Bromodomain factors of BET family are new essential actors of pericentric heterochromatin transcriptional activation in response to heat shock

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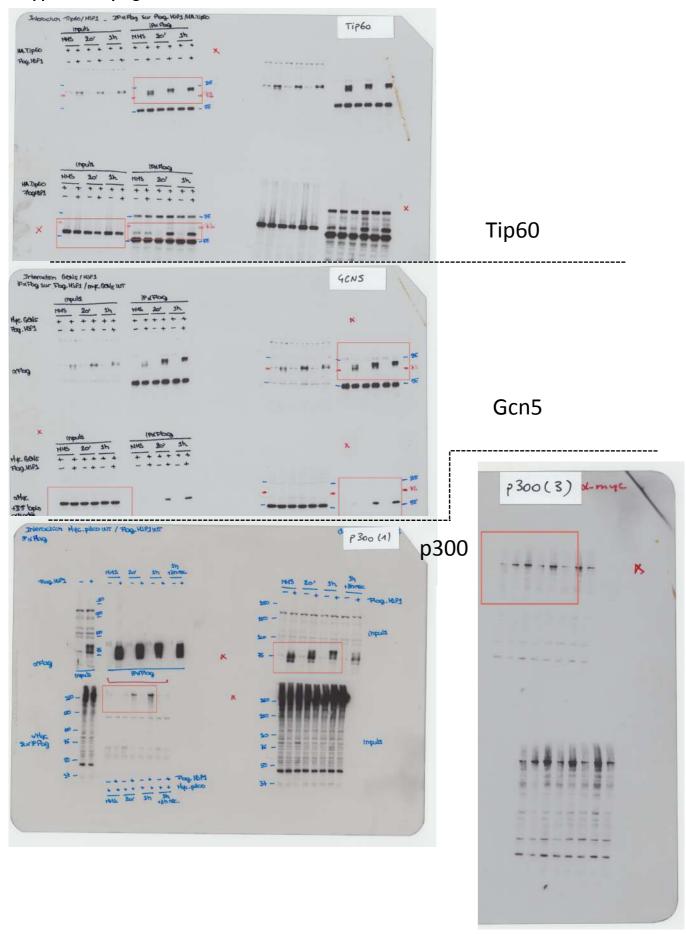
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Supplementary Figure S1

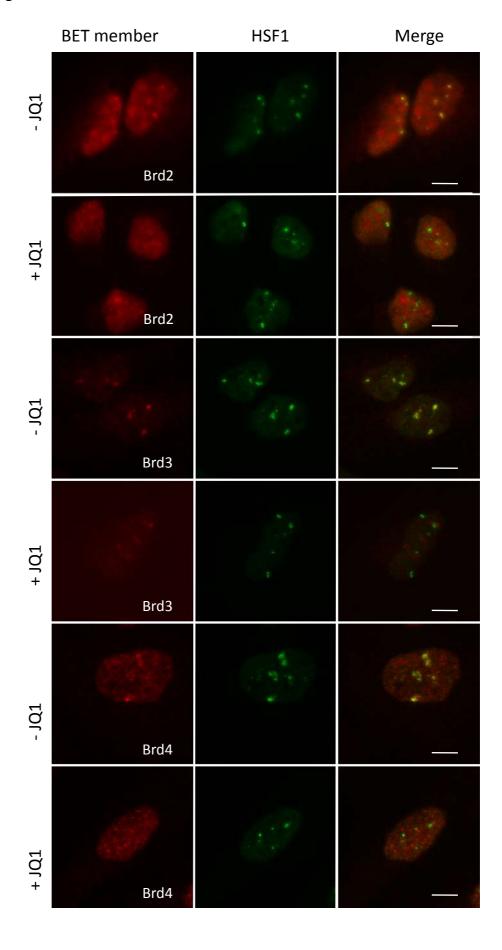
Detection of specific acetylated H3 and H4 residues in unstressed HeLa cells. Acetylaled residues (red signal) detected with endogenous HSF1 (green signal). (All antibodies are listed in the Material and methods section) (Bar = $5 \mu m$)

Supplementary Figure S2

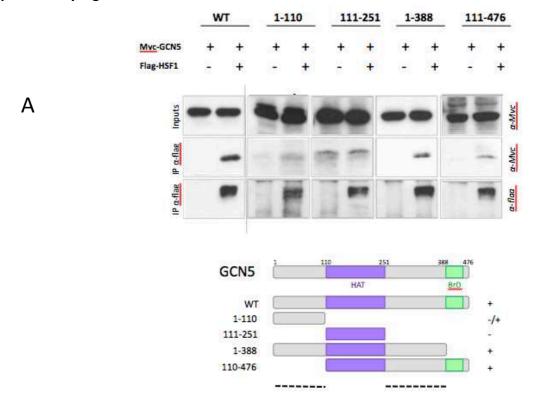


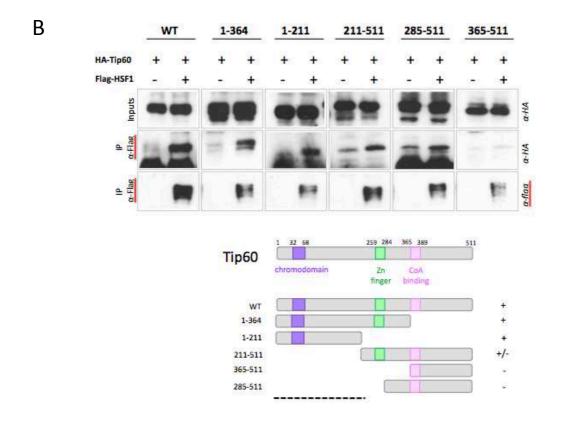
Supplementary Figure S2

Original autoradiograpy images of the western blots presented in Figure 3. The areas presented in Figure 3 are outlined with red frames.



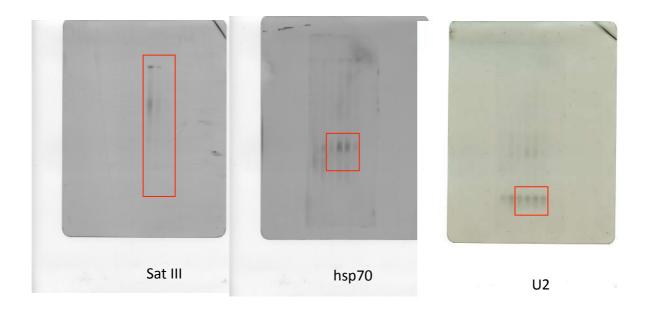
Detection of endogenous BRD2 and BRD3 and BRD4 by immunofluorescence inheat-shocked HeLa cells. Endogenous BRD2, BRD3 and BRD4 proteins (red signals) co-localize with HSF1 foci (green signals) in heat-shocked cells. No colocalization between HSF1 foci and endogenous BRD 2, BRD 3 and BRD4 is observed in heat-shocked cells treated with JQ1. (Bar = $5 \mu m$)





Mapping of Gcn5 and Tip60 domains involved in their direct or indirect interaction with HSF1.

Cos cells were transfected with a plasmid expressing Flag-HSF1 and a plasmid expressing wild type or mutated forms of Myc-Gcn5 or HA-Tip60. Immunoprecipitations were performed with an anti-Flag antibody. Gcn5 and Tip60 domains involved in the direct or indirect interaction with HSF1 are underlined. The dotted line delineates data obtained from two different gels.



Original autoradiography images of the Northern blots presented in Figure 6c. The areas displayed in Figure 6 are outlined with red frames.