



Supplemental figure 4. Activation of the *MIF* promoter by HIF-1 α requires the HRE. (A) The cell lysates from HEK293T cells transfected with the *MIF* promoter together with vector control or expression vector for HA-HIF-1 α were used for chromatin immunoprecipitation (Ch-IP) experiment. (Top panel) A representative gel of the PCR reaction from Ch-IP demonstrated specific recruitment of HIF-1 α to the *MIF* promoter. 1% input showed that equal amount of starting materials were used for the Ch-IP. (Bottom panel) Recruitment of HIF-1 α was further quantified by qPCR. Shown are normalized results from qPCR expressed as mean \pm SD from three experiments. (B) Wild type *MIF* promoter or promoter with mutation at the HRE or CRE was co-transfected with HIF-1 α expression vector into the MCF-7 cells. The luciferase activity was measured and expressed as in described. Shown are mean \pm SD from three experiments performed in duplicate.

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