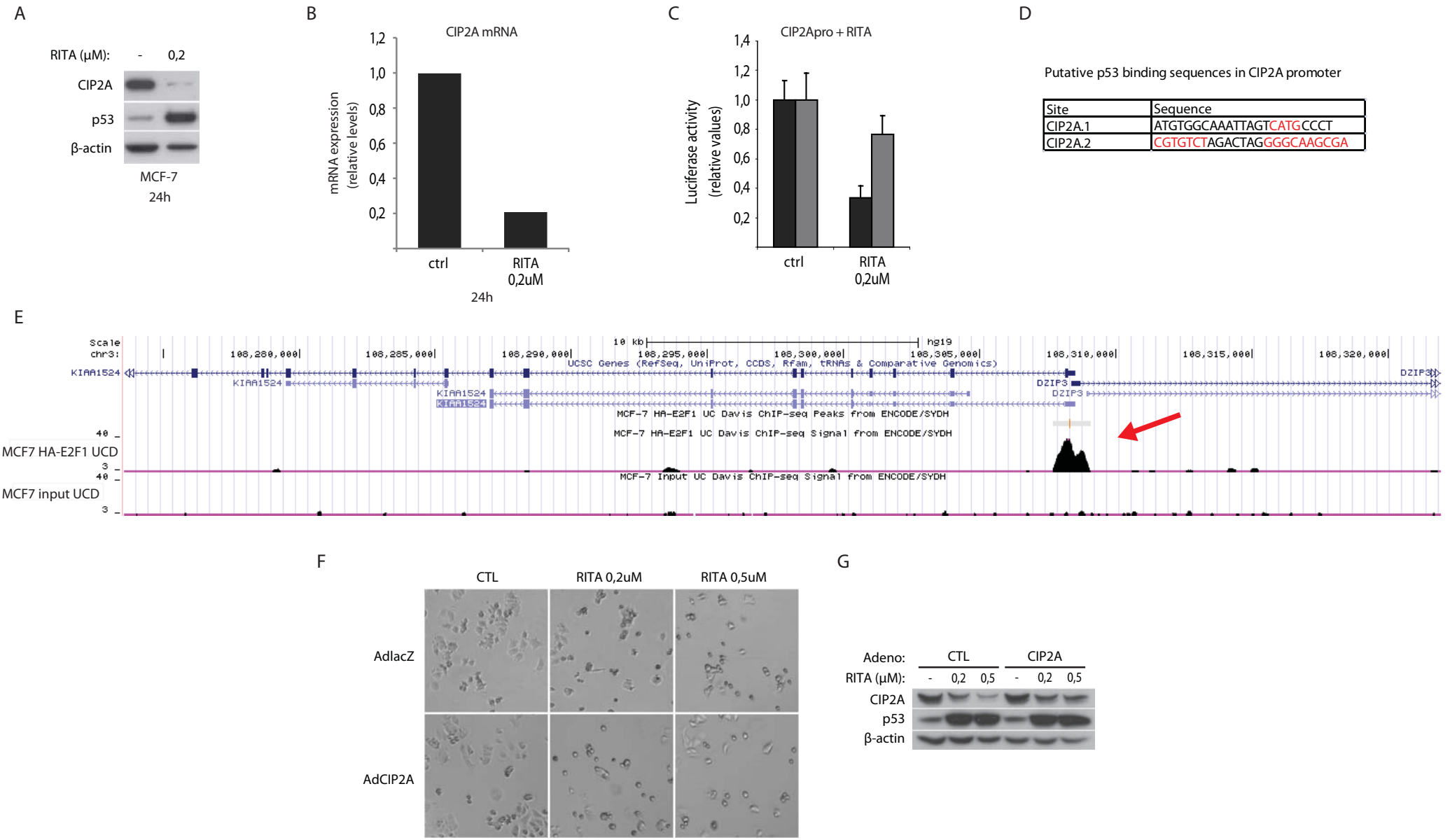

Supplemental figure 2.
Transcriptional regulation and functional role for CIP2A in response to p53 reactivation . A) Western blot analysis of CIP2A and p53 expression in MCF-7 cells treated with p53-reactivating compound RITA (0,2μM) for 24 hours. Shown is a representative of two independent experiments. B) RT-PCR analysis of CIP2A mRNA expression in MCF-7 cells treated with RITA (0,2μM) for 24 hours. C) MCF-7 cells transfected either with CIP2A promoter (-1802CIP2Aluc) or epidermal growth factor receptor promoter (EGFRluc) luciferase reporter plasmid were treated with RITA (0,2μM) for 24h and luciferase activity was measured. Shown is mean +SD of two independent experiments. D) Putative p53 binding sequences in CIP2A promoter. Predicted binding site written in red. E) ChIP-sequencing was performed with E2F1 antibody from MCF-7 cells transfected with HA-tagged wild type E2F1. E2F1 binding sites shown as a black peak (pointed with a red arrow) with antibody targeting (MCF7 HA-E2F1) that is not visible in control (MCF7 input)(http://genome.ucsc.edu/ENCODE). F) MCF-7 cells transduced either with AdCTL or AdCIP2A (MOI=40) MCF-7 treated with RITA (0,2μM and 0,5μM) for 2 days. G) Western blot analysis of CIP2A and p53 expression in either control (AdCTL) or CIP2A (AdCIP2A) transduced (MOI=40) MCF-7 cells treated with RITA (0,2μM and 0,5μM) for 2 days.