**Supplementary Fig.1:** (A) Top cellular functions affected by CSA treatment in MCF-7 cells. (B) Most deregulated genetic network in MCF-7 cells treated with CSA. Red colored genes were up-regulated, green colored ones were down-regulated after treatment. The arrows indicate effects of deregulated genes on other genes. Continuous lines show a direct interaction, dotted lines an indirect interaction. (C) Deregulated genes under the influence of TP53 in MCF-7 cells treated with CSA. TP53 was predicted to be activated after CSA treatment. Red colored genes were up-regulated, green colored ones were down-regulated after treatment. The arrows indicate effects of deregulated genes on other genes. Continuous lines show a direct interaction, dotted lines an indirect interaction.