

Figure S1. MYC-ER simulates oncogenic MYC activity in U2OS cancer cells

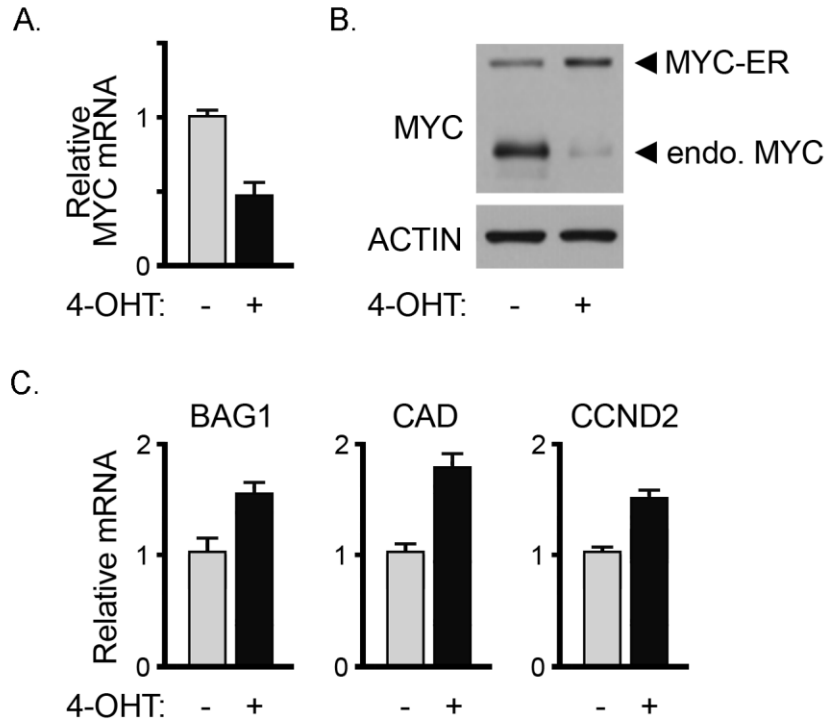


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U2OS cells engineered to express MYC-ER were treated with 100nM 4-OHT for 48h to induce MYC activity. (A) MYC mRNA was quantified using RT-PCR and demonstrated a reduction in endogenous MYC transcription upon MYC-ER activation. (B) Western blot depicted loss of endogenous MYC protein and increase in MYC-ER fusion protein after 4-OHT treatment. (C) RT-PCR assessment of known MYC target genes BAG1, CAD, and CCND2 revealed induction of transcription after MYC-ER activation.