



Supplementary Fig. 2. (A) Colony formation assay in BCAHC-1 cells exposed to vehicle, 100nM E2 or 10nM insulin (Ins) alone and in combination with 1 μ M ER α antagonist ICI 182,780 (ICI) and 1 μ M IR inhibitor OSI-906. (B) After 10 days of treatment, the plates were stained with Giemsa, and colonies were counted. (C) The up-regulation of IL11 protein levels induced by 8 h treatment with 100nM E2 and 10nM insulin (Ins) is prevented silencing ER α 46 expression. Side panel shows densitometric analysis of the blot normalized to β -actin. Representative immunoblot of the efficacy of ER α silencing is shown in supplementary figure 1 (panel M). Values represent the mean \pm SD of three independent experiments performed in triplicate. (*) indicates $p < 0.05$ for cells exposed to treatments versus vehicle (-).