



Figure S1: Depletion of the transcription factor E4F1 sensitizes HCC38 Human Triple Negative Breast Cancer (TNBC) cell line to the chemotherapy drugs Gemcitabine and Cisplatin. shRNA-mediated depletion of E4F1 sensitizes TNBC HCC38 cells to chemotherapy drugs (Cytotoxic effect), an effect rescued by the co-expression of the shE4F1-resistant pE4F1* construct. Three days after shCtrl, shE4F1 or shE4F1 + pE4F1* transduction, cells were exposed to sub-lethal doses of Gemcitabine (180 nM, IC₃₀) or Cisplatin (950nM, IC₃₀) for 24 hours and assessed for cell death by) Flow cytometry analysis for apoptosis /necrosis by staining dying cells with annexin V/7-AAD and propidium Iodide (PI). (A) Representative flow cytometry profile of annexin V/7-AAD / PI -positive cells, and (B) quantitation (FlowJo software) of three independent experiments expressed as mean values \pm SD of three independent experiments. ** $p < 0.01$, *** $p < 0.001$ as determined by a one way ANOVA test.