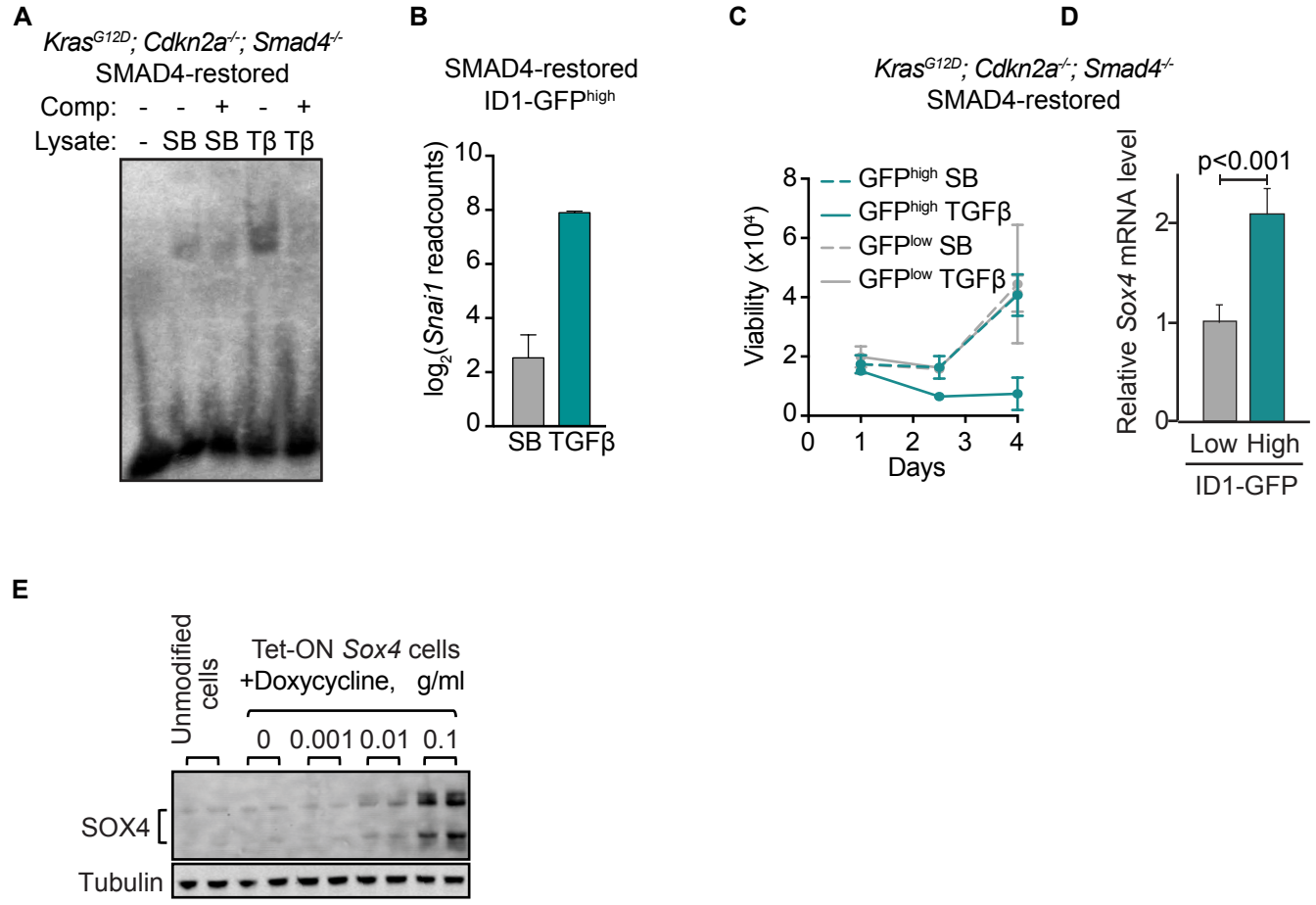
Supplementary Fig. S3



Supplementary Fig. S3: ID1 downregulation is associated with apoptosis

A) EMSA of SMAD4-restored mouse PDA cell extracts on an E-box dsDNA oligonucleotide. Cells were treated with 2.5 μM SB or 100 pM TGF-β for 6h. Excess unlabeled oligonucleotide probe was used to determine specificity.

B) *Snai1* mRNA levels in RNA-seq analysis of SMAD4-restored mouse PDA cells with high expression of a ID1-GFP reporter. Mean±SD, n=2.

C) Cell viability of sorted ID1-GFP^{low} and ID1-GFP^{high} SMAD4-restored mouse PDA cells, as determined by CellTiter Glo.

D) *Kras^{G12D};Cdkn2a$^{-/-}$;Smad4$^{-/-}$* mouse PDA cells containing an endogenous ID1-GFP reporter were sorted into GFP^{low} (bottom 5%) and GFP^{high} (top 5%) cells followed by RNA extraction and qRT-PCR analysis of *Sox4* mRNA levels. Two-sided unpaired t-test.

E) SMAD4-restored mouse PDA cells with the ID1-GFP reporter were transduced with a Tet-On *Sox4* vector, sorted for low GFP expression and treated with the indicated concentrations of doxycycline for 12h. Samples were subjected to western immunoblotting with anti-SOX4 and anti-tubulin antibodies.