



Supplementary Figure 2. Mutant p53 regulates a *FOXA1* transcriptional signature.
A, Heatmap of differentially expressed genes between 11 p53^{low} and 19 p53^{high} PDAC tumors following RNA-sequencing. **B**, Representative p53^{low} and p53^{high} immunostaining in 30 unique patient derived xenografts (PDXs) generated from human PDAC tumors. *p53* missense mutations were confirmed in PDX tumors by whole exome sequencing. **C**, PDAC cell proliferation as measured by MTT assay in MDA-PATC 148 cells following *FOXA1* knockdown. **D**, Effect of *FOXA1* knockdown on anchorage-dependent growth and colony formation. **E**, Effect of *FOXA1* knockdown on anchorage-independent growth and colony formation. **F**, Transcription factors upregulated in *KP^{wm/+}C* tumors that contain Foxa1 binding motifs within promoter regions. **G**, The effect of ectopic overexpression of three different p53 missense mutants on Foxa1 levels. **H**, *In vivo* expression of Foxa1 following mutant p53R172H overexpression in p53-null KP^{flC} PDAC cells and xenotransplantation into nude mice.