



Supplementary Figure 5

Supplementary Figure 5. FOXA1 promotes β -catenin stabilization and activity through downregulation of CK1 α . **A**, The effect of mutant p53 knockdown on *β -catenin* expression. **B**, Concordance of Wnt/ β -catenin target gene expression following knockdown of mutant p53 or *Foxa1*. **C**, p- β -catenin^{S45}, total β -catenin, CK1 α and cyclin D1 levels were measured by western blot following siRNA-mediated knockdown of *FOXA1* to assess for β -catenin degradation. **D**, The effect of siRNA-mediated *Foxa1* knockdown on *CK1 α* expression. **E**, The effect of *Foxa1* overexpression on CK1 α (+) nuclei *in vivo*. **F**, *Foxa1* was overexpressed in KP^{wm}C cells, with and without wildtype CK1 α , and p- β -catenin-S45, β -catenin and *Foxa1* levels were measured. **G**, The effect of wildtype *Creb1* or *Creb1*^{S133A} mutant overexpression on *CK1 α* expression. **H**, The effect of wildtype *Creb1* or *Creb1*^{S133A} mutant overexpression on Wnt/ β -catenin target gene expression. **I**, The effect of mutant p53 or *Foxa1* knockdown on *CK1 α* and *cyclin D1* expression. **J**, *Foxa1*, *CK1 α* , and *cyclin D1* expression following ectopic mutant p53R172H expression in three unique KP^fC cells. **K**, The effect of mutant p53R172H expression on Wnt/ β -catenin target gene expression.