



S2 Fig. Transcriptional regulation of Fgf4 by Δ Np63 γ . (A) 5'-end flanking region up to $-3,468$ bp from the TSS of the mouse Fgf4 gene. Four consensus sequences for p63 binding in this region are shown as B1–4. (B) Luciferase activities in B16 melanoma cells co-transfected with a luciferase reporter gene construct containing a fragment ($-3,468$ bp to 0 bp) of the Fgf4 gene and an expression vector for GFP, Δ Np63 γ , or TAp63 γ . RLA, relative luciferase activity. Error bars indicate s.d. ($n = 3$ biological replicates). $**P < 0.01$ (unpaired two-tailed Student's t test). (C) Luciferase activities in B16 melanoma cells co-transfected with luciferase reporter gene constructs containing the indicated fragments ligated to a miniP and an expression vector for GFP or Δ Np63 γ . Error bars indicate s.d. ($n = 3$ biological replicates). $*P < 0.05$, $**P < 0.01$ vs. GFP. $\#P < 0.05$, $\##P < 0.01$ vs. WT with Δ Np63 γ (unpaired two-tailed Student's t test).