



S1 Fig. $p63$ knockout mice ($p63^{\Delta/\Delta}$) generated by mating *CAG-Cre* mice with $p63^{fl/fl}$ mice. (A) Gross appearances of WT, heterozygous ($p63^{\Delta/+}$), and homozygous ($p63^{\Delta/\Delta}$) mutant E18.5 embryos. Scale bar, 2 mm. Images are representative of $n = 3$ mice per genotype. (B) Double staining with alizarin red and alcian blue of whole skeletons of WT, $p63^{\Delta/+}$, and $p63^{\Delta/\Delta}$ mutant E18.5 embryos. Scale bar, 2 mm. Images are representative of $n = 3$ mice per genotype. (C) mRNA levels of $p63$ in the whole bodies of WT, $p63^{\Delta/+}$, and $p63^{\Delta/\Delta}$ mutant E18.5 embryos. Error bars indicate s.d. ($n = 3$ biological replicates). $**P < 0.01$ (unpaired two-tailed Student's t test).