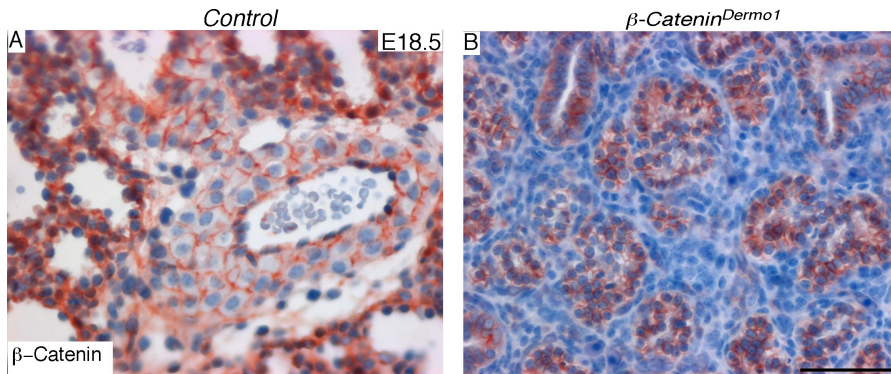
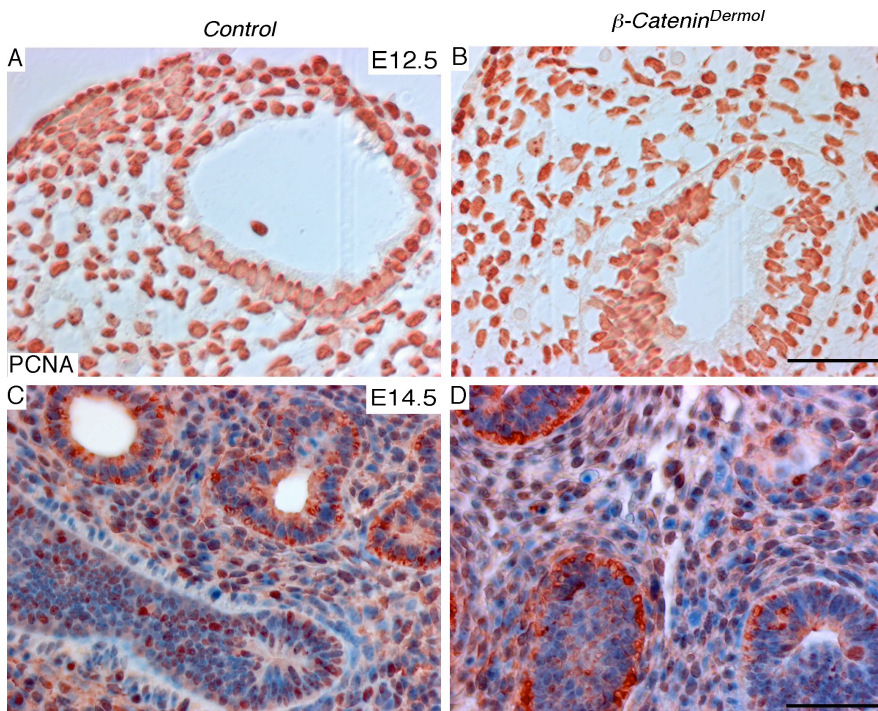


Supplemental Figure 1. *Fgf9* regulates LEF1 expression. (A-C) Immunohistochemical detection of LEF1 in control (A), *Fgf9*^{-/-} (B) and *Fgf9*^{dox(48)} (C) lungs showing decreased expression of LEF1 in *Fgf9*^{-/-} lung mesenchyme (B) and increased expression in FGF9 overexpressing mesenchyme (C). Scale bar: C, 50µm.



Supplemental Figure 2. β -Catenin expression in E18.5 lung mesenchyme in β -Catenin^{Dermol} embryos. Immunostaining of an E18.5 lung showing β -Catenin expression in epithelium and mesenchyme in control lungs (A) and loss of mesenchymal expression in β -Catenin^{Dermol} lungs (B). Scale bar: B, 50µm.



Supplemental Figure 3. β -Catenin does not affect PCNA expression in lung mesenchyme. Immunostaining of an E12.5 lung showing no difference in PCNA expression in mesenchyme or epithelium in control lungs (A) and β -Catenin^{Dermol} lungs (B). At E14.5, PCNA expression was similar in control (C) and β -Catenin^{Dermol} lungs (D). Scale bars: B, D, 50µm.