Supplemental Figure S2. Characterization of Cic-deficient lungs.

(A) Relative expression levels of Etv1, Etv4 and Etv5 mRNAs in lungs of Cic\(^{+/+}\) (open bars), Cic\(^{+\Delta2}\) (red bars) and Cic\(^{\Delta2\Delta2}\) embryos (closed bars) at E18.5. \(\beta\)-Actin expression levels were used for normalization. Data represent mean ± SD.

(B) Relative expression levels of Mmp2 and Mmp8 mRNAs in lungs of Cic\(^{+/+}\) (open bars), Cic\(^{+\Delta2}\) (red bars) and Cic\(^{\Delta2\Delta2}\) embryos at E18.5 (closed bars). \(\beta\)-Actin expression levels were used for normalization. Data represent mean ± SD.

(C) Quantification of Ki67 positive cells in lung sections of Cic\(^{+/+}\) (n=5) and Cic\(^{\Delta2\Delta2}\) (n=5) embryos at embryonic day E18.5. Data represent mean ± SD. Asterisks depict statistically significant differences, **p < 0.001, unpaired Student's t test.

(D) γH2AX and active Caspase 3 IHC in lung sections of Cic\(^{+/+}\) and Cic\(^{\Delta2\Delta2}\) embryos at embryonic day E18.5. Scale bar represents 50 μm.