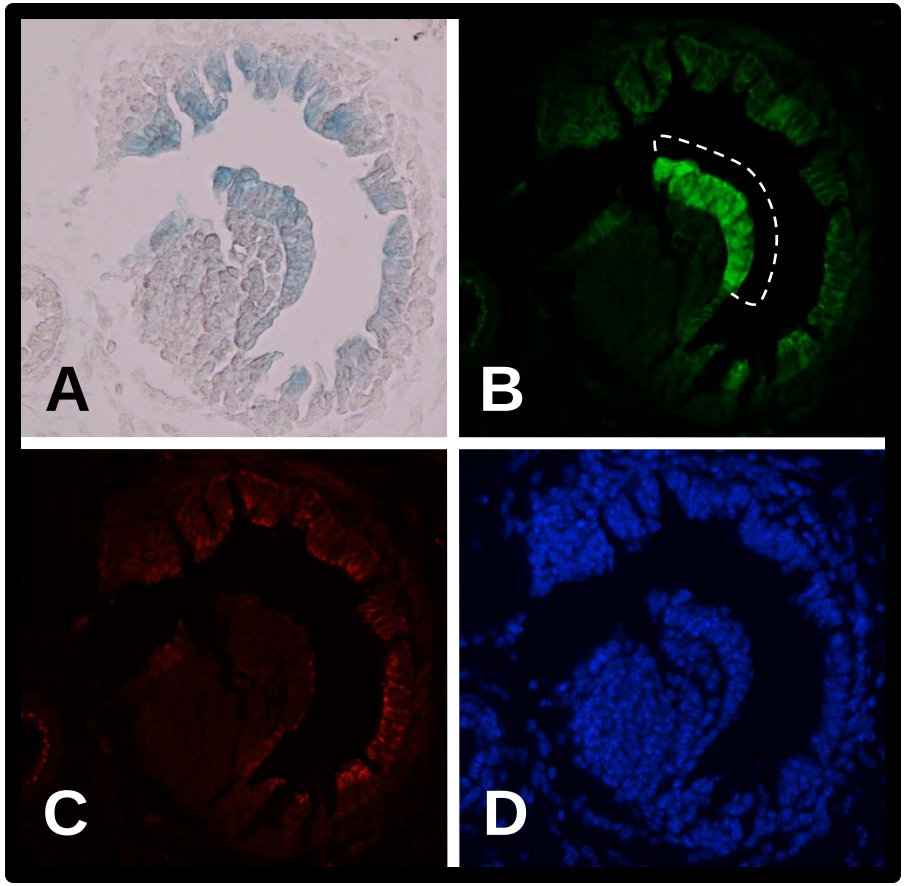
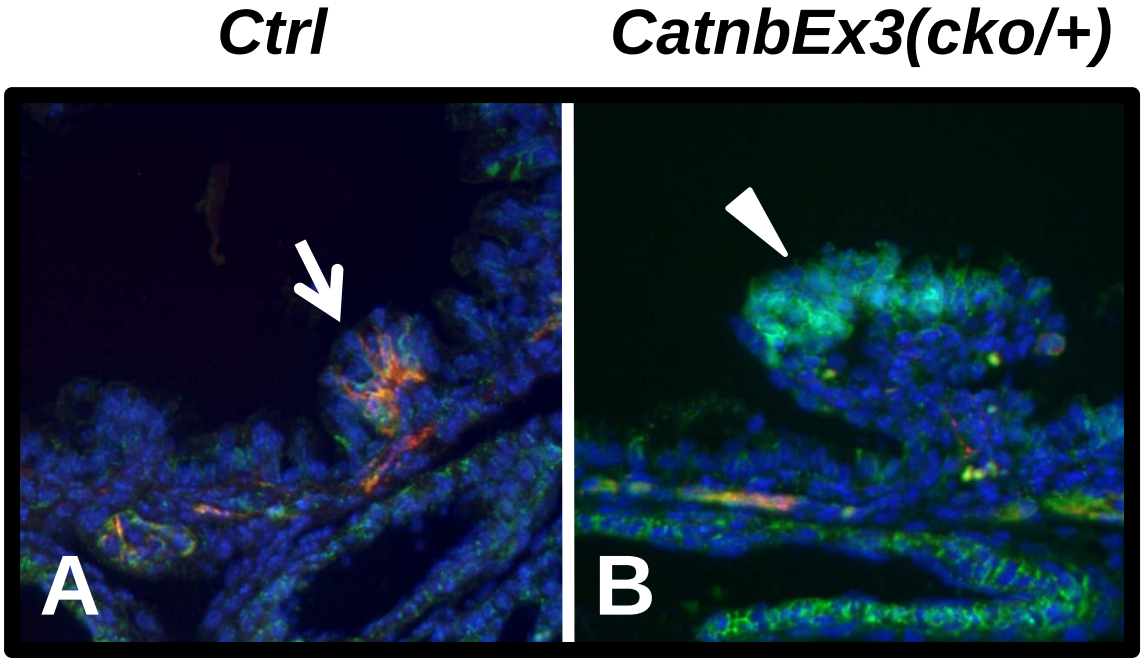


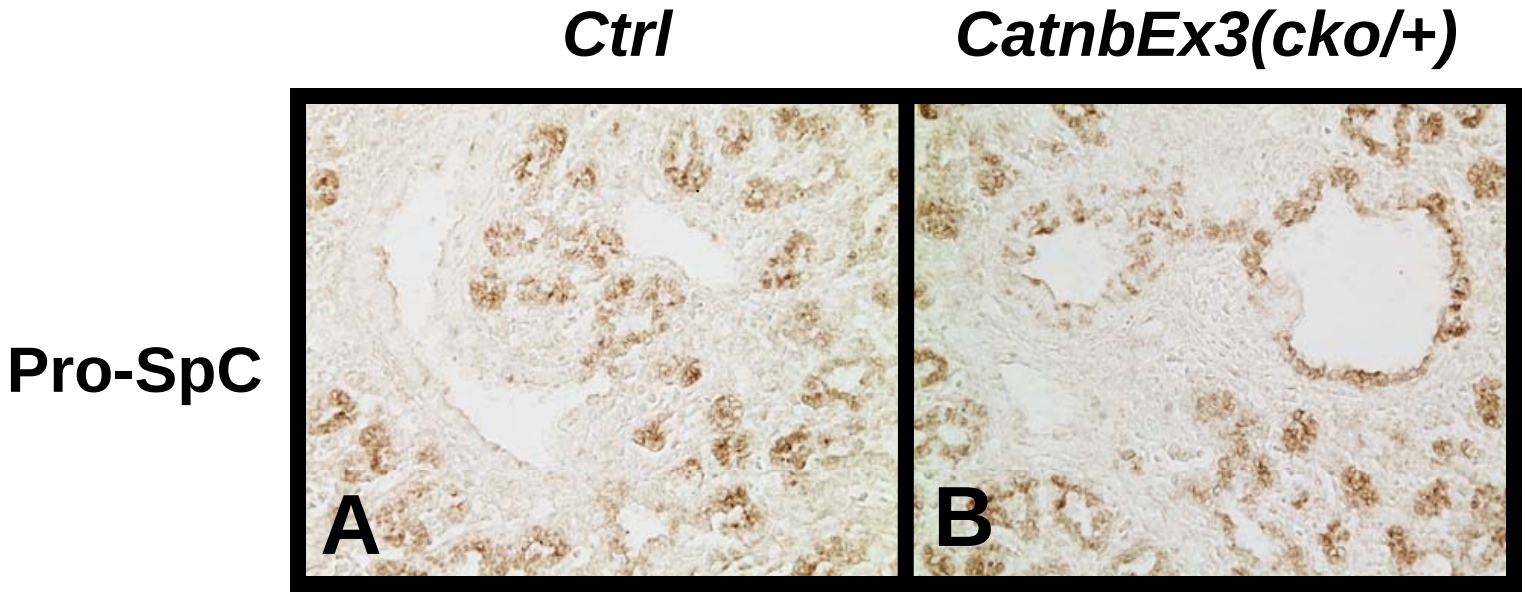
Supplemental Fig. 1

Nkx2.1-cre activity is determined by β-gal staining (A) in proximal airway of a E13 triple transgenic embryo, *Nkx2.1-cre;Catnb[+/lox(ex3)] ;Rosa26-LacZ* . The same section was then subject to immunofluorescent analysis with anti-β-catenin antibodies. Staining with anti-β-catenin C-terminal antibody reveals that accumulation of β-catenin (B, bracket, green) is only observed in the apical domain epithelial cells of the polyps. Staining with anti-β-catenin N-terminal antibody (C, red) shows expression of wild-type β-catenin. Morphology of the section is shown by Dapi staining (D).



Supplemental Fig. 2

Immunofluorescent analysis of synaptophysin (SYP, red) and β-catenin (green) in E18 control (A) and mutant (B) lungs. SYP is detected in neuroendocrine cells of control lungs (arrow), but is not detected in epithelial cells with accumulation of β-catenin in the mutant lung (arrowhead).



Supplemental Fig. 3
Immunostaining of pro-SpC in E16 control (A) and mutant (B) lungs.