

Table S1. Cell counts for Fig. 7A-C

Epithelial compartment	Number of cells per mm OE (\pm s.e.m.)			
	WT	<i>ActβB^{-/-}</i>	<i>Gdf11^{-/-}</i>	<i>Gdf11^{-/-};ActβB^{-/-}</i>
Sustentacular				
SOX2 ⁺ cells	270 (18)	295 (17)	437 (2)*	664 (7)*
ASCL1 ⁺ cells	4 (2)	6 (1)	8 (3)	4 (1)
Double-positive cells	9 (1)	17 (2)	11 (1)	21 (1)*
Stem/progenitor				
SOX2 ⁺ cells	99 (3)	102 (4)	102 (4)	137 (7)*
ASCL1 ⁺ cells	32 (2)	46 (7)*	30 (6)	50 (4)*
Double-positive cells	32 (8)	58 (4)*	42 (3)	60 (3)*

The number of single SOX2⁺; single ASCL1⁺; and SOX2⁺ ASCL1⁺ cells was quantified in the sustentacular (apical third of OE) and stem/progenitor cell (basal two-thirds of OE) compartments in E17.5 OE as described in Materials and methods. Data shown are absolute numbers for the percentages given in the bar charts in Fig. 7A-C. *, $P \leq 0.05$ (Dunnett's test) compared with wild type.