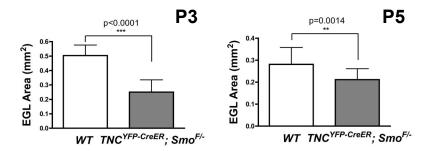
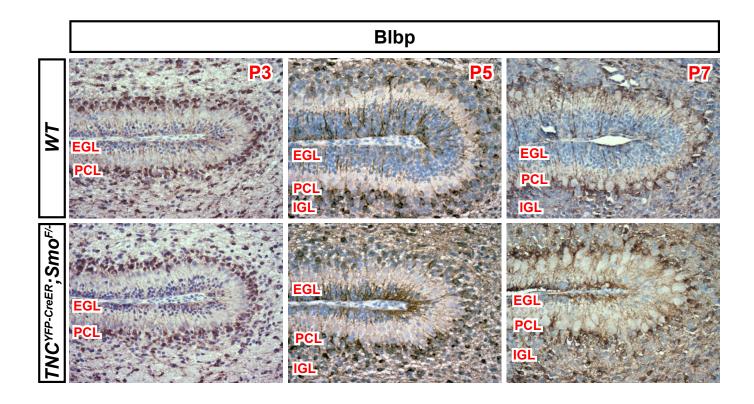
## **Supplemental Figures and legends**

Figure S1. Quantification of EGL area of WT and  $Smo^{cko}$  mutants shown in Figure 3A. A significant reduction in mutants compared to WT littermates at both stages. At P3, the  $Smo^{cko}$  mutant EGL was significantly reduced in area by 24.8% (n=3, p=0.0014) and at P5, the reduction in EGL area was 50.3% (n=3, p<0.0001).

**Figure S2.** *Smo*<sup>cko</sup> mutants display altered BG arrangement and cytoarchitecture. A lower magnification views of the main Figure 6B. Abbreviations: EGL, external granular layer. PCL, Purkinje cell layer. IGL, internal granular layer.



Cheng et al. Supplemental Figure 1



Cheng et al. Supplemental Figure 2