



Supplemental Figure S4: Ectopic RGPs in *Pard3* cKO cortex do not express oRG markers.

(A) Representative confocal images of E13.5 control and *Pard3* cKO cortices stained for PAX6 (green) and oRG marker HOPX (red), and counter-stained for DAPI (blue). Asterisk indicates ectopic PAX6⁺ progenitors in *Pard3* cKO cortex. Scale bars: 30 μm. **(B)** Representative images of E13.5 control and *Pard3* cKO cortices stained for PAX6 (green) and oRG marker PTPRZ1 (red), and counter-stained for DAPI (blue). High magnification images of the cortex (broken line rectangles) are shown to the right. Arrows indicate PTPRZ1 signal in the LGE. Asterisk indicates ectopic PAX6⁺ progenitors in *Pard3* cKO cortex. Scale bars: 100 μm (left) and 30 μm (right). **(C)** Representative images of E13.5 control and *Pard3* cKO cortices stained for PAX6 (green) and oRG marker TNC (red), and counter-stained for DAPI (blue). High magnification images of the cortex (broken line rectangles) are shown to the right. Arrows indicate TNC signal in the LGE. Asterisk indicates ectopic PAX6⁺ progenitors in *Pard3* cKO cortex. Scale bars: 100 μm (left) and 30 μm (right).