



Supplementary Figure S5. Progressive increase in the number of GFP-expressing rods during retinal development. **(a)** Histological analysis showing the expression of eGFP after subretinal injection of scAAV2/5-CB6-eGFP in the developing mouse retina at PND indicated. Tissue was harvested 3wpi. Immunostaining against CA (*red*) shows a high level of GFP⁺ cones after PND1 injection. A progressive decrease in the number of GFP-expressing cones is observed the later the injection is performed, while the number of GFP-expressing rods increases with later injection time points. RPE cells were artificially removed using Photoshop. **(b)** Representative retinal flat mount images of the dorsal and ventral portions of retinas from mice injected at PND3 with AAV5-CMV-dGFP and harvested 3wpi. Within the dorsal retina, the vast majority of GFP⁺ cells (*green*) are positive for the cone-specific marker PNA (*red*). In contrast, within the ventral retina, the vast majority of GFP⁺ cells are rods. Asterisks indicate GFP⁺ cones. Scale bars = 25 μ m.