



Supplementary Figure S1. NR lamination defects and continued loss of RPE characteristics in the AP-2 α KO OC at later stages. (A-F) Immunofluorescence using anti-ISL1/2 (red) and anti-OTX2 (red) on coronal sections of wild-type (A-C) and AP-2 α KO (D-F) embryo heads counterstained with DAPI (blue), at the stages indicated. Outlined area (D) shows inverted pattern of ISL1/2 expression in duplicated AP-2 α KO NR. Arrows (E,F) indicate regions of disorganization of NR architecture in AP-2 α KO by E17.5. Boxed regions (C,F) are magnified in insets. L, lens. Scalebars, 100 μ m.