

SUPPLEMENTARY FIG. S3. Expression of Caspr4 and LNX2 in cortical neurons and astrocytes. (A, C) Immunostaining for Caspr4 (A), LNX2 (C), and  $\beta$ III-tubulin in the cerebral cortex at P0. (B, D) Immunostaining on the cerebral cortex at P0 with non-immunoglubulin (IgG). (E, F) Immunostaining for Caspr4 (E), LNX2 (F), and glial fibrillary acidic protein (GFAP) in adult corpus callosum. Scale bar:  $100\,\mu m$  in images in lower magnification,  $20\,\mu m$  in images in higher magnification.