

Supporting Information

Ge et al. 10.1073/pnas.0811353106

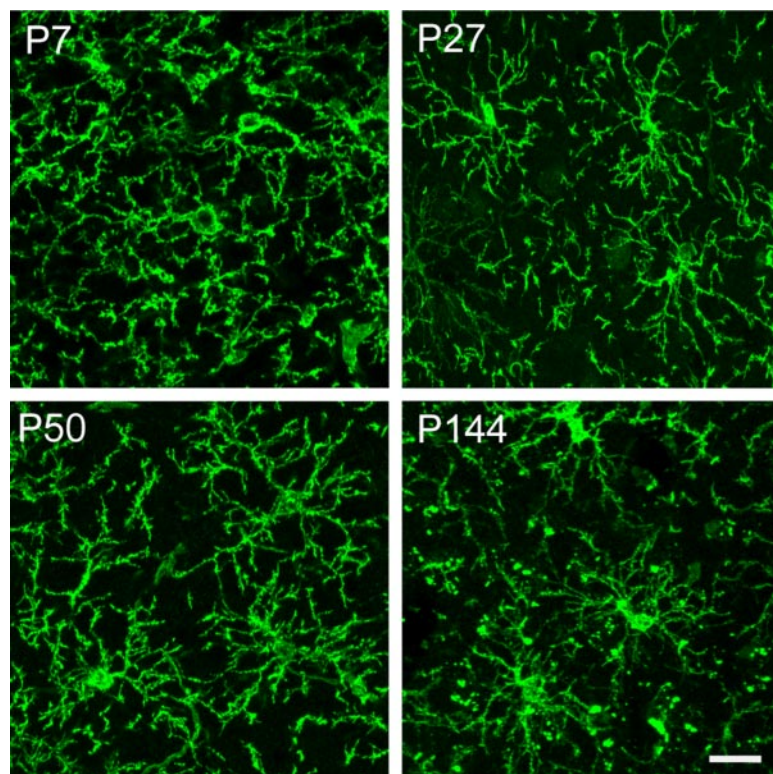


Fig. S1. NG2 cells with complex morphology in adult brains. Example micrograph of NG2 immunoreactivity (green) from cortex. Note multiple-process morphology at different developmental stages (P7, P27, P50, and P144). (Scale bar, 20 μm .)

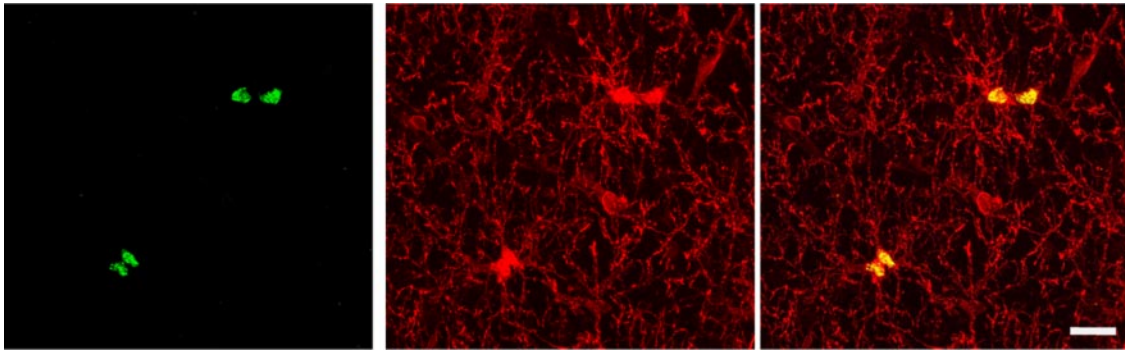


Fig. S2. NG2 daughter cells with complex morphology. Example micrograph of NG2 immunoreactivity (red) and BrdU⁺ (green) from P25 cortex after 8 h of BrdU pulse-labeling. Note multiple-process morphology of all daughter cells. (Scale bar, 20 μ m.)

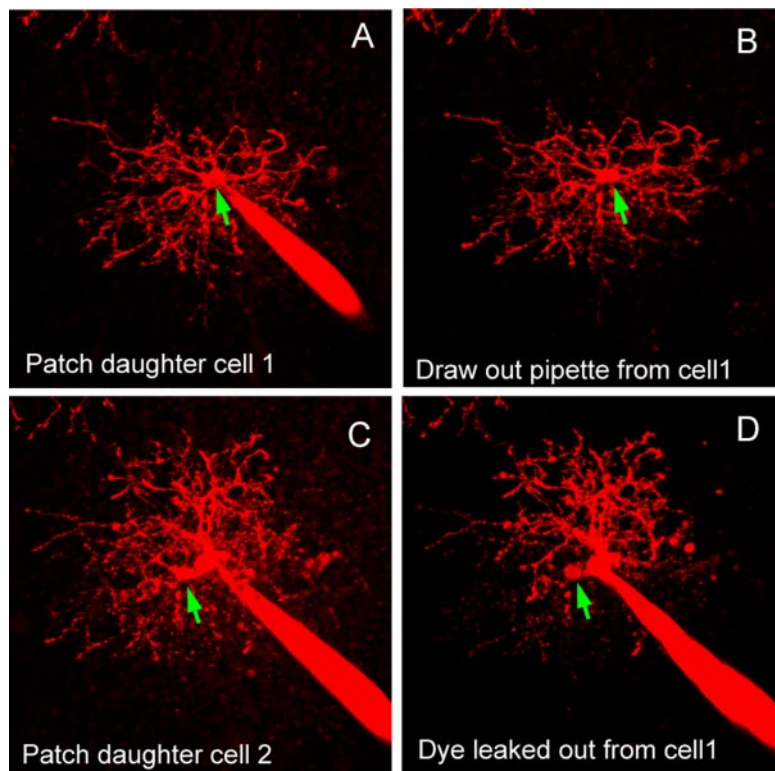


Fig. S3. Identification of 2 daughter cells after completion of cytokinesis. (A) Whole-cell recording of daughter cell 1. Note the dye of Alexa Fluor 568 was loaded from pipette and only one cell was labeled. (B) Dye signal of daughter cell 1 with the electrode pulled out. (C) Whole-cell recording of daughter cell 2. Pipette was loaded with the dye of Alexa Fluor 568. (D) The dye signal in cell 1 became weaker 20 min later.

