

Supporting Information

Forsberg et al. 10.1073/pnas.1009412107

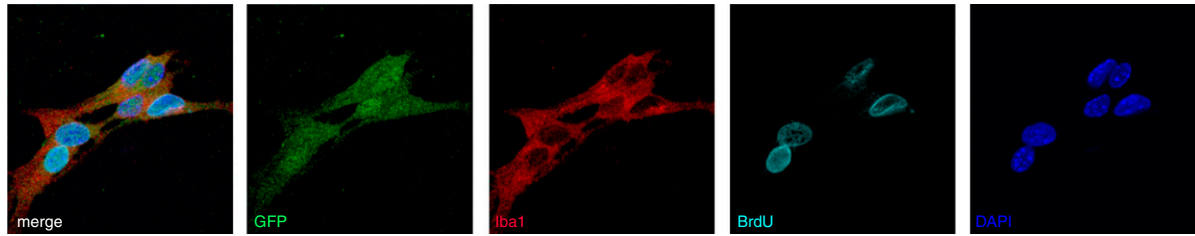


Fig. S1. Proliferation of reprogrammed cells. Neural stem cell–derived lenti-PU.1-GFP–transduced cells positive for the monocyte marker Iba1 incorporate the S-phase marker BrdU present in the culture medium at 12 h before analysis. Cell nuclei are visualized with DAPI.

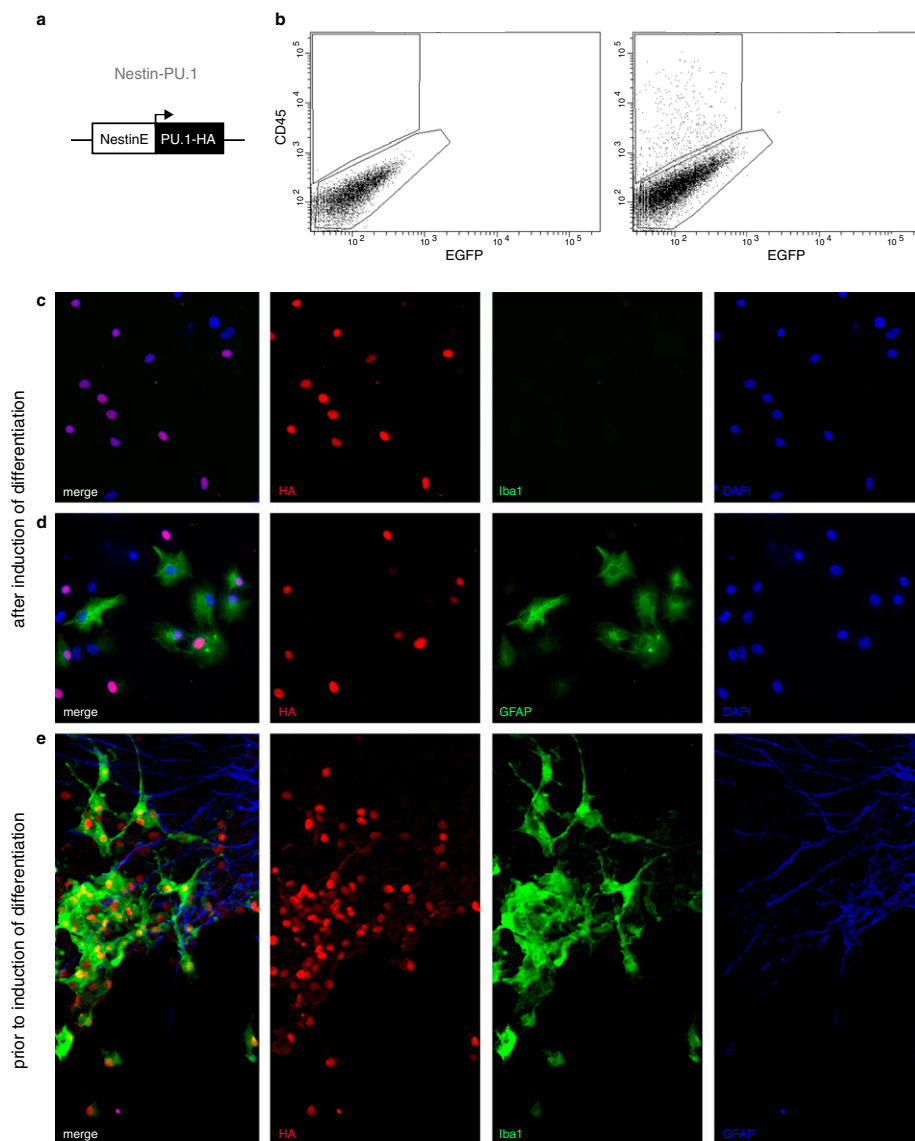


Fig. S2. Reprogramming of neural stem/progenitor cells. (A) Schematic depiction of the nestin-PU.1 expression plasmid. (B) No CD45⁺ expression was found in neural stem cell–derived cells transfected with the control vector (*Left*), but transfection with the nestin-PU.1 plasmid resulted in CD45⁺ expression (*Right*). (C and D) Transduction of neural stem cell–derived cells with lenti-PU.1-GFP after induction of differentiation failed to induce monocyte reprogramming and Iba1 expression. The majority of cells differentiate to GFAP⁺ astrocytes. (E) Transduction of neural stem cell–derived cells with lenti-PU.1-GFP before differentiation results in efficient reprogramming to Iba1⁺ monocytes.