



SUPPLEMENTARY FIG. S3. Isolation and characterization of human iSCs obtained from the second patient. Putative iSCs (A) widely expressed Ki67 [Ki67 (B: green) and DAPI (B: blue)] and nestin [nestin (C: green) and DAPI (C: blue)]. In addition, these nestin⁺ cells expressed α SMA [nestin (D, E: green), α SMA (D, F: red), and DAPI (D-F: blue)], NG2 [nestin (G, H: green), NG2 (G, I: red), and DAPI (G-I: blue)], and PDGFR β [nestin (J, K: green), PDGFR β (J, L: red), and DAPI (J-L: blue)], but not GFAP [nestin (M, N: green), GFAP (M, O: red), and DAPI (M-O: blue)]. By PCR, putative iSCs did not express astrocytic markers (P), but did express pericytic and neural crest markers (Q). Scale bars = 50 μ m (A), 100 μ m (B, C), and 20 μ m (D, G, J, M). α SMA, alpha smooth muscle actin; iSC, ischemia-induced multipotent stem cells.