Table S1. Primer sequence for qRT-PCR

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| Primers | Primer sequences | | | cell markers | | | | |
| GAPDH | F: GGCATTGCTCTCAATGACAA  R:TGTGAGGGAGATGCTCAGTG | | housekeeping gene | | | | | |
| Nestin | F:GGAGGGCAGAGAAGACAGTG  R: TGACATCCTGGACCTTGACA | | | | neural stem cell | | | |
| βⅢ-tubulin | F:GAATGACCTGGTGTCCGAGT R:CAGAGCCAAGTGGACTCACA | neuron | | | | | | |
| GFAP | F: CACGAACGAGTCCCTAGAGC  R: TCACATCACCACGTCCTTGT | | | | | | astroglia | |
| Cyclin D2 | F: CTGTGCGCTACCGACTTCAA  R:GCAGAGCTTCGATTTGCTCC | | | | | | | cell cycle |
| Cyclin D1 | F: GCGTACCCTGACACCAATC  R:ATGCTAGAGGTCTGCGAGGA | | | | | | | cell cycle |
| EGFR | F: GGGATTGGCCTATTCATGCG  R:AATGCTCCCGAACCCAGAAC | | | | | EGFR pathway | | |
| Smad2 | F: CTTGCCATTCACACCGCCAG  R: CGGCAATATATAACATGGGC | | | | TGF-β pathway | | | |
| Smad3 | F: AAGGCCATCACCACGCAGAACG  R: TCCCCAGCCTTTGACGAAGCTC | | | | TGF-β pathway | | | |

\*All primers were synthesized by Beijing Genomics Institute (Shenzhen, China).