

Supplement S1

Table: Primary antibodies and secondary antibodies

| Primary antibody | Dilution | Source |
|----------------------|-----------|----------------------------------|
| mouse anti MAP2 | 1 : 10000 | Sigma-Aldrich, USA |
| rabbit anti Ki67 | 1 : 400 | Leica, Wetzlar, Germany |
| rat anti BrdU | 1 : 500 | AbD Serotec, Kidlington, UK |
| mouse anti NeuN | 1 : 500 | Chemicon; Billerica, USA |
| goat anti GFP | 1 : 500 | Acris, Germany |
| guinea pig anti DCX | 1 : 500 | Millipore, UK |
| rabbit anti GFAP | 1 : 500 | Synaptic Systems, Germany |
| guinea pig anti GFAP | 1 : 500 | Zytomed Systems, Berlin, Germany |
| mouse anti PCNA | 1 : 500 | Signet, USA |
| rabbit anti RFP | 1 : 500 | Abcam, UK |

| Secondary antibody | Dilution | Source |
|-------------------------------------|----------|---------------------------|
| IgG biotinylated donkey anti rabbit | 1 : 500 | Dianova, Hamburg, Germany |
| IgG biotinylated donkey anti rat | 1 : 500 | Dianova, Hamburg, Germany |
| IgG biotinylated donkey anti mouse | 1 : 500 | Dianova, Hamburg, Germany |
| Rhodamine anti-rat | 1 : 500 | Dianova, Hamburg, Germany |
| Rhodamine anti-mouse | 1 : 500 | Dianova, Hamburg, Germany |
| Rhodamine anti-rabbit | 1 : 500 | Dianova, Hamburg, Germany |
| Alexa Fluor 488 anti-goat | 1 : 500 | Invitrogen, Carlsbad, CA |
| Cy5 anti-guinea pig | 1 : 500 | Dianova, Hamburg, Germany |
| Cy5 anti-mouse | 1 : 500 | Dianova, Hamburg, Germany |