



Supplementary Figure S1:

OPCs were transfected with either control siRNA or *Hmga1* siRNA 3 days before the initiation of OPC differentiation. Then, 6 days after OPC differentiation, cells were fixed using 4% PFA for 15 min. After being washed three times in PBS, they were incubated with BLOCK ACE (DS Pharma Biomedical Co., Ltd) for 1 h. Cells were immunostained with primary antibodies of anti-MBP (1:100, Thermo Scientific) and anti-GSTpi (1:200, MBL), which are markers for oligodendrocytes. Experiments were repeated 4 times. The images are representative immunostaining patterns for each group.