

1 Supplementary Table 1. RT-PCR Primer list.

| Gene  | Primers               |                         |
|-------|-----------------------|-------------------------|
|       | Forward (5'-3')       | Reverse(5'-3')          |
| Olig2 | TTACAGACCGAGCCAACACC  | TCAACCTTCCGAATGTGAATTAG |
| Sox10 | ACGCAGAAAGCTAGCCGAC   | CTTTCG TTCAGCAACCTCCAGA |
| Sox17 | AGCTCCAGAAACTGCAGACC  | TGGAGGTGCTGCTCATTGTA    |
| MBP   | TGTGCCACATGTACAAGGACT | GATGGAGGTGGTGTTCGAGG    |
| CNTF  | TTTAGGGGATGGCTTTCGCA  | AGGCCTTGATGTTTTACATAAGA |
| GAPDH | CCAATGTGTCCGTCGTGGATC | CCAATGTGTCCGTCGTGGATCT  |

2