

**Additional File 11.**

**Supplementary Table 5. Oligodendrocyte differentiation/maturation factor expression 24 h after LPS sensitized HI in females**

|                                 |                      | LPS/HI only   | LPS + TSA/HI  |
|---------------------------------|----------------------|---------------|---------------|
| <i>ID2</i>                      | <i>Contralateral</i> | 0.084 ± 0.013 | 0.076 ± 0.013 |
|                                 | <i>Ipsilateral</i>   | 0.080 ± 0.013 | 0.887 ± 0.172 |
| <i>ID4</i>                      | <i>Contralateral</i> | 0.735± 0.615  | 0.717 ± 0.120 |
|                                 | <i>Ipsilateral</i>   | 0.615 ± 0.104 | 0.734 ± 0.138 |
| <i>HES5</i>                     | <i>Contralateral</i> | 0.006 ± 0.002 | 0.005 ± 0.002 |
|                                 | <i>Ipsilateral</i>   | 0.007 ± 0.002 | 0.005 ± 0.002 |
| <i>Olig2</i>                    | <i>Contralateral</i> | 0.025 ± 0.002 | 0.023 ± 0.003 |
|                                 | <i>Ipsilateral</i>   | 0.026 ± 0.007 | 0.027 ± 0.007 |
| <i>PDGFR<math>\alpha</math></i> | <i>Contralateral</i> | 0.110 ± 0.030 | 0.007 ± 0.023 |
|                                 | <i>Ipsilateral</i>   | 0.072 ± 0.020 | 0.051 ± 0.016 |
| <i>MBP</i>                      | <i>Contralateral</i> | 0.067 ± 0.011 | 0.059 ± 0.007 |
|                                 | <i>Ipsilateral</i>   | 0.063 ± 0.011 | 0.056 ± 0.006 |

Gene expression expressed as data normalized to GAPDH. LPS/HI female n=7; LPS+TSA/HI female n=9.

