| Gene       | Name                                      | Sequence                                                                 |
|------------|-------------------------------------------|--------------------------------------------------------------------------|
| GAPDH      | Glyceraldehyde-3-Phosphate dehydrogenase  | F: 5’-GAT GCT GGT GCT GAG TAT GT-3’                                       |
|            |                                           | R: 5’-GCG GAG ATG ATG ACC CTT T-3’                                       |
| IBA-1      | Iodized calcium-binding adapter molecule 1| F: 5’-CCT GAG GAG ATT TCA ACA GAA GC-3’                                   |
|            |                                           | R: 5’-GGA CCG TTC TCA CAC TTC CC-3’                                     |
| TNF-α      | Tumor necrosis factor alpha               | F: 5’-TCT TCT CAT TCC TGC TTG TGG C-3’                                   |
|            |                                           | R: 5’-CAC TTG GTG GTT TGC TAC GAC G-3’                                   |
| HMGB-1     | High-mobility group box 1                 | F: 5’-GAG GTG GAA GAC CAT GTC TG-3’                                      |
|            |                                           | R: 5’-AAG AAG AAG GCC GAA GGA GG-3’                                      |
| NLRP3      | NLR family pyrin domain containing 3      | F: 5’-AGA AGC TGG GGT TGG TGA ATT-3’                                     |
|            |                                           | R: 5’-GTT GTC TAA CTC CAG CAT CTG-3’                                    |
| TLR-4      | Toll-like receptor 4                      | F: 5’-TCC CTG CAT AGA GGT ACT TC-3’                                      |
|            |                                           | R: 5’-CAC ACC TGG ATA AAT CCA GC-3’                                      |

Supplementary Table S1: Primer sequences for the assessment of mRNA levels of microglia cells and inflammatory markers.