**Supplementary Table S1** Primer sequences for RT-qPCR

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| Gene | Forward primer (5′–3′） | Reverse primer (5′–3′) |
| CD86 | GTTTCATTCCCTGATGTTACGAG  | GAGAAAGGTGAAGATAAAAGCCG |
| CD206 | TGATACCTGCGACAGTAAACGA  | CTTGCAGTATGTCTCCGCTTC  |
| CD163 | TCGCTCATCCCGTCAGTCA  | CCGCTGTCTCTGTCTTCGCT |
| iNOS | CAGGACTCACAGCCTTTGGAC  | TGGATGTCGGACTTTGTAGATTC  |
| IL-10 | GAGAGAAGCTGAAGACCCTCTG | TCATTCATGGCCTTGTAGACAC |
| CXCL-10 | CCGGAATTCGAGCCTACAGCAGAGGAACC | CCGCTCGAGTTTGCTCCCCTCTGGTTTTA |
| TNF-α | GCGACGTGGAACTGGCAGAAG | GCCACAAGCAGGAATGAGAAGAGG |
| Arg-1 | TAACCTTGGCTTGCTTCGGAACTC | GGCGCATTCACAGTCACTTAGG |
| miR-451a | GAAACCGTTACCATTACTGAG | -- |
| MIF | CCGGACAGGGTCTACATCAAC | TTAGGCGAAGGTGGAGTTGTT  |
| U6 | CGCTTCGGCAGCACATATAC | AAATATGGAACGCTTCACGA |
| β-actin | AGAAAATCTGGCACCACACCT  | GATAGCACAGCCTGGATAGCA |

iNOS myo-inositol-1-phosphate synthase,IL-10 Interleukin-10, CXCL-10 C-X-C motif chemokine ligand 10, TNF-α tumor necrosis factor alpha,matrix metalloproteinase-1, Arg-1 arginase 1, miR-451a microRNA-451a, MIF macrophage migration inhibitory factor,RT-qPCR Reverse transcription-quantitative polymerase chain reaction