

## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: Monocyte-derived macrophages in vitro stimulation - RNA sequencing-based WGCNA modules.

File Name: Supplementary Data 2

Description: siRNA-mediated knockdown of SBNO2 in Monocyte-derived macrophages - RNA sequencing and DESeq2-based differentially expressed genes.

File Name: Supplementary Data 3

Description: siRNA-mediated knockdown of SBNO2 in Monocyte-derived macrophages - Functional pathway enrichment analysis of RNA sequencing and DESeq2-based differentially expressed genes - Unstimulated condition.

File Name: Supplementary Data 4

Description: siRNA-mediated knockdown of SBNO2 in Monocyte-derived macrophages - Functional pathway enrichment analysis of RNA sequencing and DESeq2-based differentially expressed genes - IL-10-stimulated condition.

File Name: Supplementary Data 5

Description: siRNA-mediated knockdown of SBNO2 in Monocyte-derived macrophages - Functional pathway enrichment analysis of RNA sequencing and DESeq2-based differentially expressed genes - LPS-stimulated condition.

File Name: Supplementary Data 6

Description: siRNA-mediated knockdown of SBNO2 in Monocyte-derived macrophages - Functional pathway enrichment analysis of RNA sequencing and DESeq2-based differentially expressed genes - LPS+IL-10R-stimulated condition.