

Figure S1. Relative mRNA expression of SHP2 and BRD *in vivo* and *in vitro*. (A) RT-qPCR analysis of SHP2 expression in sham and MI/R model mice. (B) RT-qPCR analysis of the expression of SHP2 and BRD4 in bone marrow-derived macrophages. * $P < 0.05$ and ** $P < 0.01$. ns, not significant; RT-qPCR, reverse transcription-quantitative PCR; SHP2, Src homology region 2-containing protein tyrosine phosphatase 2; BRD4, bromodomain-containing protein 4; WT, wild type; MAC-KO, macrophage-knockout; shRNA, short hairpin RNA; mimic, overexpression vector.

