Supporting Information

Methionine Attenuates Lipopolysaccharide-induced Inflammatory Responses via DNA Methylation in Macrophages

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Heading: Methionine attenuates inflammation

Figure S1

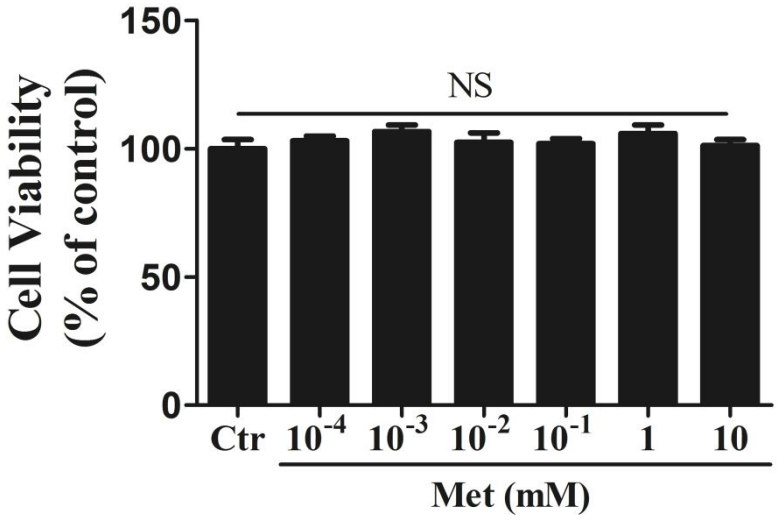

Figure S1. Different concentrations of Met have no effect on the viability of RAW 264.7 cells. The Effect of methionine on the cell viability using the Cell Counting Kit-8 (CCK-8) assay. RAW264.7 cells were cultured with Met (0-10 mM) for 24 h. Data are mean ± SD for at least three independent experiments. Comparisons between means used *t* tests (*$p < 0.05$, **$p < 0.01$, ***$p < 0.001$).

Figure S2

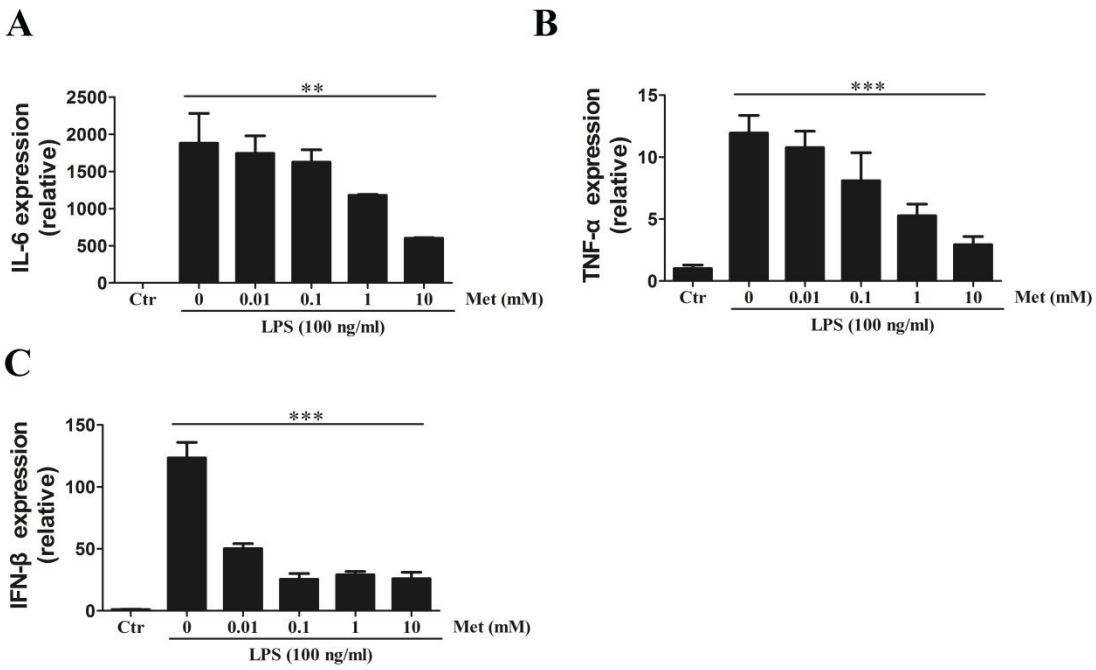

Figure S2. Effects of Met at different concentrations on LPS-induced inflammatory cytokines in RAW 264.7 cells. RAW264.7 cells were pretreated with different concentrations (0-10mM) of Met for 12 h prior to stimulation with 100 ug/ml of LPS for 3 h. Gene expression of IL-6 (A), IFN-β (B), TNF-α (C) was analyzed by RT-qPCR. Data shown represents three independent experiments. Data are shown as mean ± SD for three independent experiments, Comparisons between means used *t* tests (*$p < 0.05$, **$p < 0.01$, ***$p < 0.001$).