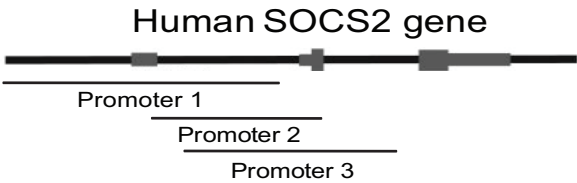


Supporting information

A

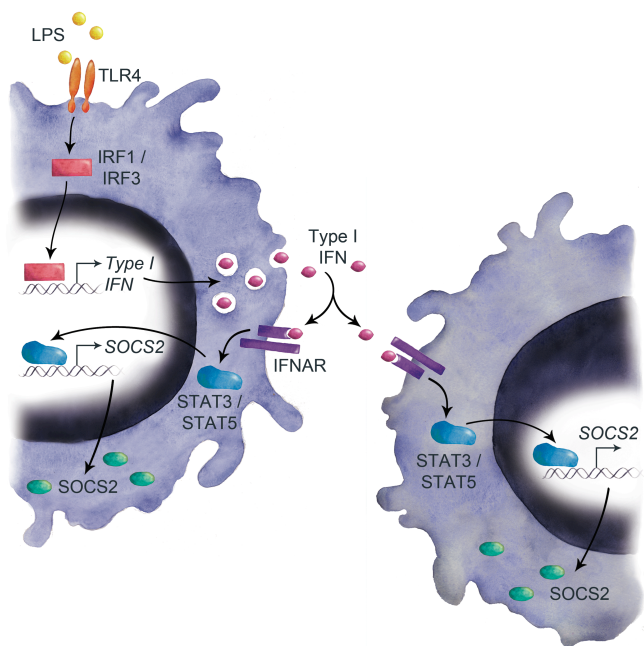


B

Promotor1: 252 binding sites Promotor2: 137 binding sites Promotor3: 403 binding sites

STAT5: TTCAAAGAAA      STAT3: TTCCAGG      STAT3: TTCCTGG  
STAT5: TTCCCTGAA  
STAT6: TTCCCTGAA

**Figure S1** Prediction of puptative SOCS2 gene promoter binding transcription factors.



**Figure S2** Illustration of the proposed mechanism for SOCS2 transcriptional regulation in TLR4 signaling.