

# Mitochondrial Methionyl-tRNA Formyltransferase Deficiency Alleviates Metaflammation by Modulating Mitochondrial Activity in Mice

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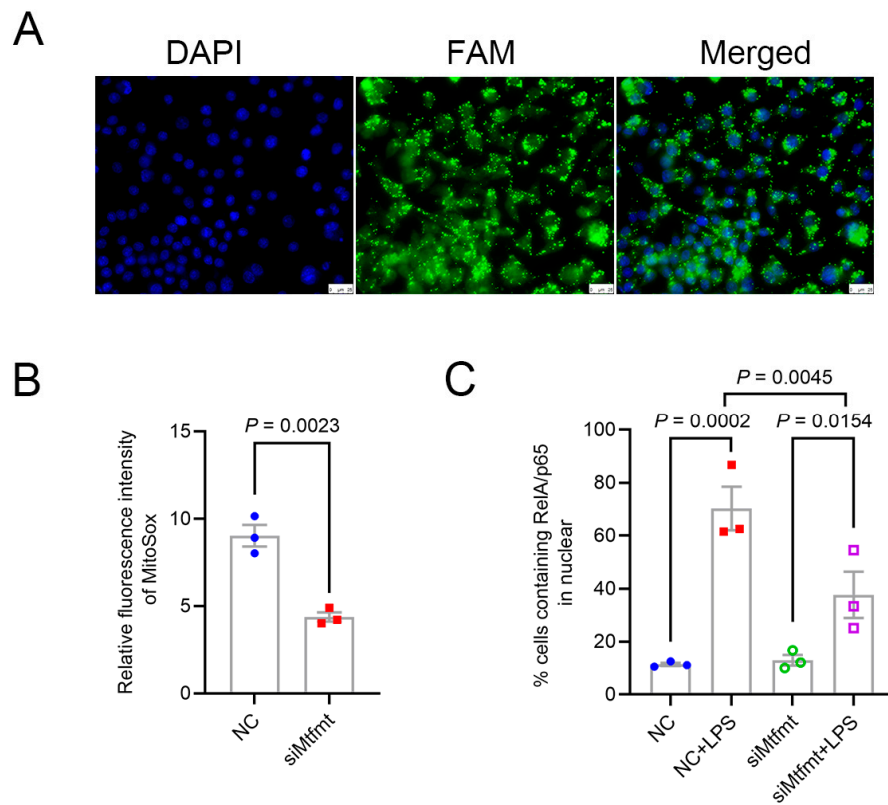


Figure S1. (A) Fluorescent images of Kupffer cells after 6 hours of transfection with siRNA conjugated FAM. (B) Quantification of fluorescence intensity of MitoSOX, n=3. (C) Quantification of P65 nuclear localization, n=3.

**Table S1. The primer sequences of the target genes**

Gene	Forward	Reverse
<i>Mtfmt</i>	TCGCTATCCCCCAAAGGACT	CACTCAAAAGCCGGCCAAAG
<i>IL-1<math>\beta</math></i>	CTTCAGGCAGGCAGTATC	CAGCAGGTTATCATCATCATC
<i>IL-6</i>	GACAAAGCCAGAGTCCTTCAGA	TGTGACTCCAGCTTATCTCTTGG
<i>TNF<math>\alpha</math></i>	GACGTGGAAGTGGCAGAAGA	ACTGATGAGAGGGAGGCCAT
<i>ND6</i>	TATTGCCGCTACCCCAATCC	GGGGGATGTTGGTTGTGTTTG
<i>ND1</i>	CGTCCCCATTCTAATCGCCA	ATGGCGTCTGCAAATGGTTG
<i>COX1</i>	TCGGAGCCCCAGATATAGCA	TTCCGGCTAGAGGTGGGTA
<i>GAPDH</i>	ACCCTTAAGAGGGATGCTGC	CCCAATACGGCCAAATCCGT

**Table S2. The sequences of *Mtfmt* siRNA**

siRNA	Sense	Antisense
<i>Mtfmt</i> siRNA 1	GAGGCUCUUAUUCUAAAUTT	AUUUAAGAAUAAGAGCCUCTT
<i>Mtfmt</i> siRNA 2	GCGUACGAUUAUGCAAAUTT	AUUUGCAUAAUCGUUACGCTT
<i>Mtfmt</i> siRNA 3	GCCCGAAAGUCUGAACAAUTT	AUUGUUCAGACUUUCGGGCTT