

Supplemental Information

Lats2 deficiency protects the heart against myocardial infarction by reducing inflammation and inhibiting mitochondrial fission and STING/p65 signaling

The following primers were used:

TFAM (Forward, 5'-GGCGAATTCCTCGAGGCCACCATGGCGCTGTTCCGGGGAATGT-3'; Reverse, 5'-CATACGCGTATGCTCAGAGATGTCTCCGGATCGT-3'),

TRMT10C (Forward, 5'-GGAAGCCGTGCTGTAGGA-3'; Reverse, 5'-AGCTGCTCAGGAGGGGAT-3'),

ELAC2 (Forward, 5'-GAGAAGGCGTCCAACGACTTA -3'; Reverse, 5'-AGAAAGATGTTGTCCAAGCGAG-3'),

FASTKD2 (Forward, 5'-AGCTGGTACCATGAATAACAAAGCG-3'; Reverse, 5'-ACGTCTCGAGTTGTGTGCTTTGCAC-3'),

Fis1 (Forward, 5'-GGCTGTCTCCAAGTCCAAATC-3'; Reverse, 5'-GGAGAAAAGGGAAGGCGATG-3'),

Drp1 (Forward, 5'-GGCACTTAAATTGGGCTCC-3'; Reverse, 5'-TGTATTCTGTTGGCGTGGAAC-3'),

Mff (Forward, 5'-GGCTGTCTCCAAGTCCAAATC-3'; Reverse, 5'-GGAGAAAAGGGAAGGCGATG-3');

TGF β (Forward, 5'-TACCATGCCAACTTCTGTCTGGGA-3'; Reverse, 5'-ATGTTGGACAACTGCTCCACCTTG-3');

MMP9 (Forward, 5'-GGCGAATTCCTCGAGGCCACCATGGCGCTGTTCCGGGGAATGT-3'; Reverse, 5'-CATACGCGTATGCTCAGAGATGTCTCCGGATCGT -3').