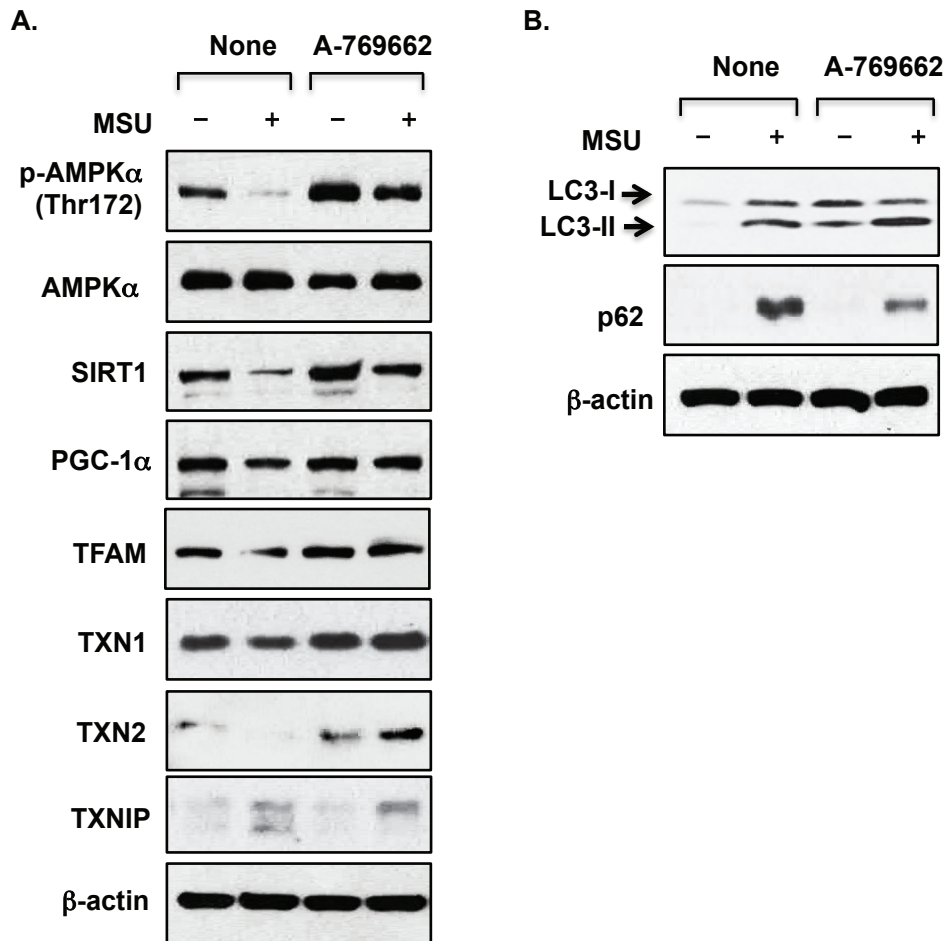


Additional file 1



Additional File 1. A-769662 activated AMPK downstream targets involved in regulation of mitochondrial function. BMDMs were treated with direct AMPK activator A-769662 (100 μ M) for 1 hour before stimulated with MSU crystals (0.2 mg/ml) for 6 or 18 hours in RPMI containing 1% FBS. Western blot analysis was carried out to examine phosphorylation and expression of AMPK α , expression of SIRT1, PGC-1 α and TFAM, and expression of TXN1, TXN2 and TXNIP from 18 hours treatment cells (A), and expression of LC3 and p62 from 6 hours treatment cells (B). Data shown in A and B as representative of 3 individual experiments.