

**Supplementary.7** (A-D) After cells were treated as above, mitochondria from different groups were stained with MitoTracker Red. Co-staining for LC3 was conducted as described. More LC3-positive particles were observed in the ZFL-treated groups than in the control groups. Additionally, LC3 was close to the mitochondria in the ZFL-groups. Moreover, silence of MCU partly decreased the proportion of LC3-positive particles. Scale bar, 10 μm. Data are represented as the means ± SEMs of three independent experiments. \*p<0.05, \*\*p<0.01 versus the control group.