Supplementary Figure 1 Transfection efficiency analysis Jurkat T cells were transfected with a lentiviral vector LV-Mfn2, LV-mCherry (over-expression scramble control), LV-Mfn2 RNAi or LV-RFP (slience scramble control) at MOI=50. (a) After 72 hours, cells were observed under a fluorescence microscope. (b) The expression of protein Mfn2 was measured by Western blot analysis. β-actin was used as a loading control. Results of three independent experiments were shown as the mean±SD in the bar graph. Bar 1, the control group; Bar 2, the LV-Mfn2 group; Bar 3, the LV-mCherry group; Bar 4, the LV-Mfn2RNAi group; Bar 5, the LV-RFP group. $*P<0.05$, significant difference vs. the control group. $**P<0.01$, significant difference vs. the control group. $\#\#P<0.01$, significant difference vs. the LV-mCherry group. $\$P<0.05$, significant difference vs. the LV-RFP group.

Supplementary Figure 1

a

b