

# Supplemental Materials

*Molecular Biology of the Cell*

Li et al.

## Supplementary Figure S1

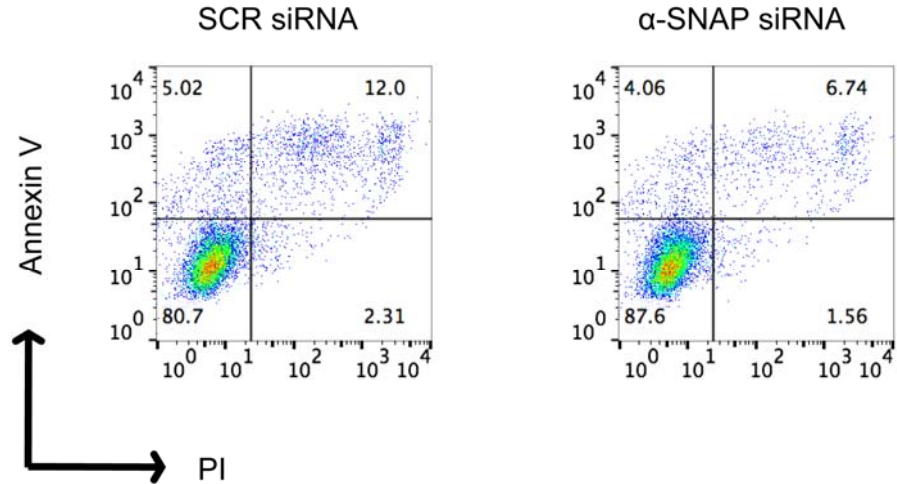


Figure S1: FACS profiles of SCR and  $\alpha$ -SNAP siRNA treated MEFs stained with Annexin V and PI.

## Supplementary Figure S2

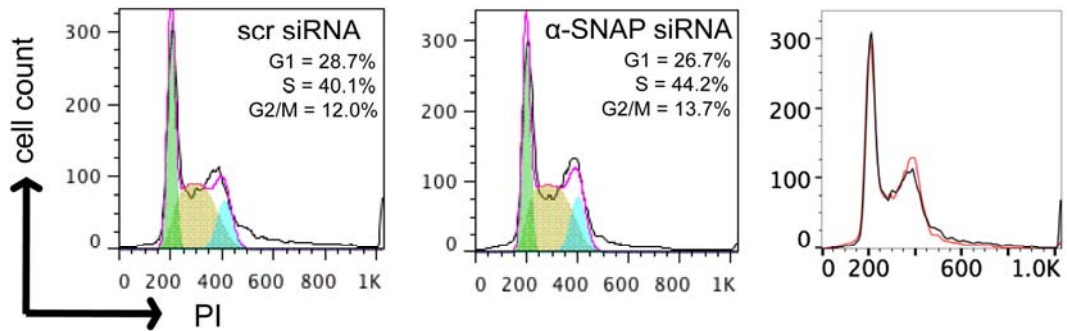


Figure S2: Cell cycle analysis of SCR and  $\alpha$ -SNAP RNAi treated HEK 293 cells stained with PI.

## Supplementary Figure S3

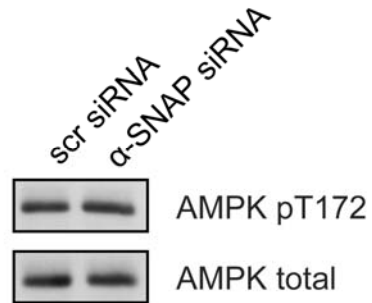


Figure S3: Western Blot showing total and phosphorylated AMPK in siRNA treated MEFs.

## Supplementary Figure S4

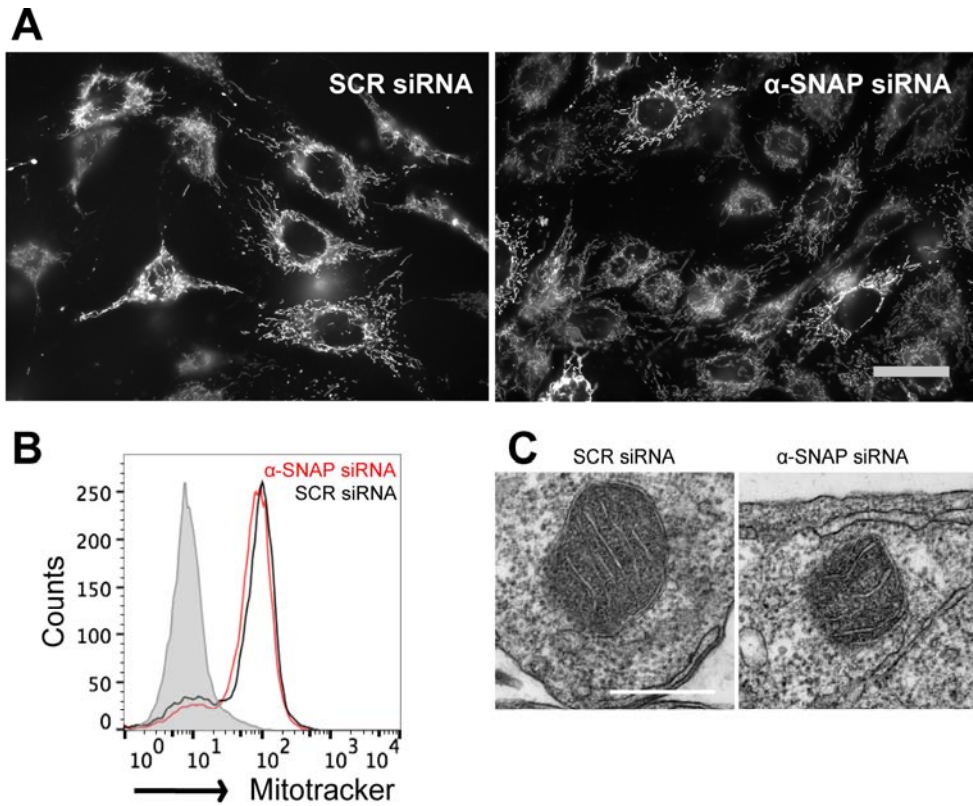


Figure S4: Wide field fluorescence images of mitochondrial morphology (A, B) and FACS profiles showing total mitochondrial content (C), in SCR and  $\alpha$ -SNAP siRNA treated MEFs stained with Mitotracker Green dye. Scale bar 30 $\mu$ m. Electron micrographs of SCR and  $\alpha$ -SNAP RNAi treated HEK 293 cells showing mitochondria (D). Scale bar 500nm.