Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Real time imaging of mitochondrial matrix ATP levels following complex III inhibition. Cells of the indicated genotype expressing mtATeam1.3 were treated when indicated with 10µM antimycin A. The frame when antimycin A is added is indicated and held still for 10 frames. mtATeam1.3 FRET ratio is pseudocolored using a rainbow scale.

File Name: Supplementary Movie 2

Description: Real time imaging of mitochondrial membrane potential levels following complex III inhibition. Cells of the indicated genotype were loaded with 20nM TMRM and treated when indicated with 10 μ M antimycin A and 2 μ M FCCP. The frames when antimycin A and FCCP are added are indicated and held still for 10 frames. Where indicated (KD sub e), ATP5k was silenced as described in the main text

File Name: Supplementary Data 1

Description: List of ATP synthase subunits analyzed by MS in Figure 4. Accession numbers are provided along with the description of the genes and proteins analyzed by MS.