

Figure S1. Mitochondria in the ventral cord of *C. elegans*.

A Mito-Rosella in the ventral cord of vehicle treated worms. Arrows point to mitochondria undergoing basal mitophagy (inset), as illustrated by the decreased GFP fluorescence.

B Mitophagy in response to sodium azide treatment, as illustrated by the decreased GFP fluorescence. Some mitochondria (arrows) did not undergo mitophagy and the GFP fluorescence remained. Example GFP/dsRed ratios are given for corresponding mitochondria.

Scale bar = 20  $\mu$ m.