**Figure S4.** Decreasing ER-mediated calcium release improves mitochondrial structure in sel-12 mutant. (A) Quantification of body wall muscle mitochondrial morphology in wild type and sel-12(ty11) grown on control or itr-1 RNAi, unc-68(r1162), and unc-68(r1162); sel-12(ty11) animals. n = number of animals imaged per genotype, all comparisons have been made to WT unless otherwise indicated and statistical significance was tested using the Chi-square test (*** p<0.001, ns not significant).