



Supplemental Fig. S3. Effects of delta-like 1 homolog (DLK1) on muscle mass, muscular biomarkers, and ultrastructure of muscle in the cardiotoxin-induced muscle atrophy mouse model. (A) A graph showing tibialis anterior (TA) muscle weights. Graphs showing relative expression of mRNA for muscular biomarkers: (B) myostatin, (C) myogenin, and (D) myogenic differentiation (MyoD) in TA muscle ($n=3-4$ per each group). (E) Representative electron microscopic images of TA muscle (3,000 \times magnification). Results are presented as mean \pm standard error of the mean. Treatment groups were as follows: control=mice initially treated with intramuscular (IM) phosphate buffered saline (PBS) followed by intraperitoneal (IP) PBS once daily for 10 days; cardiotoxin (CTX)=mice initially treated with IM CTX (150 μ L at 10 μ M) followed by IP PBS once daily for 10 days; CTX+DLK1=mice initially treated with IM CTX (150 μ L at 10 μ M) followed by IP DLK1 (0.8 mg/kg/day) once daily for 10 days. NS, non-significant. ^a $P<0.05$ was considered statistically significant.