

Endurance Exercise Training Mitigates Diastolic Dysfunction in Diabetic Mice Independent of Phosphorylation of Ulk1 at S555

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This file contains the supplementary Figure S1-3.

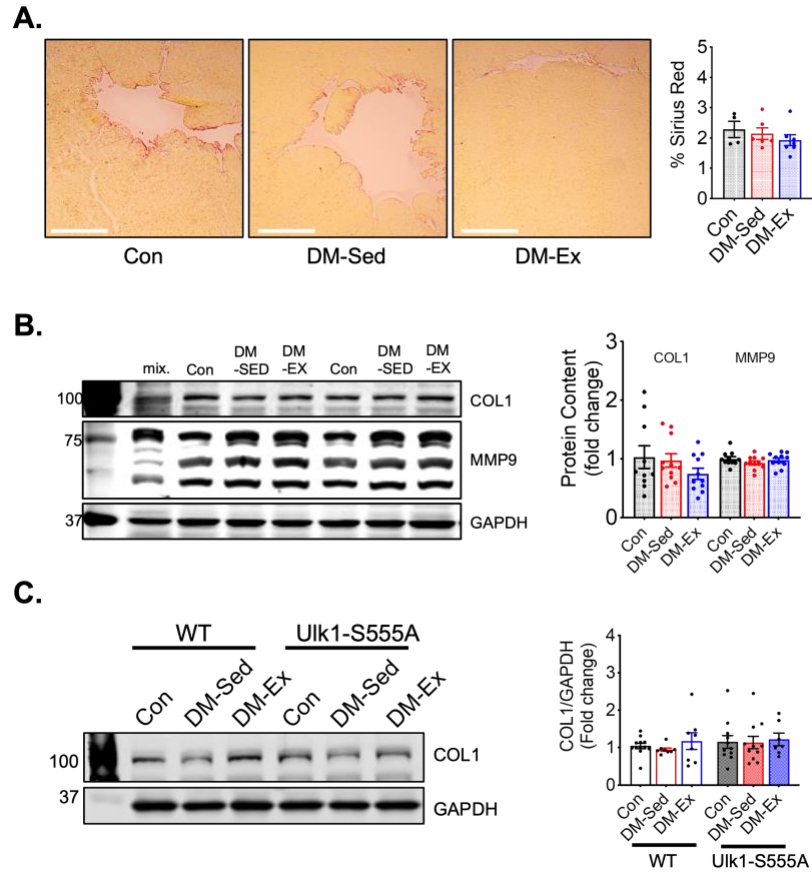


Fig S1. HFD-STZ-diabetes does not induce significant cardiac fibrosis. (A): Representative images and quantifications of picro-sirius red staining. $n = 4, 6, 6$ for Con, DM-Sed and DM-Ex groups, respectively. scale bar = $500 \mu\text{m}$. **(B):** Western blot assessment of Col1 and Mmp9 in wildtype whole-heart lysates. $n = 10 - 12$. **(C):** Western blot assessment of Col1 in WT and *Uik1-S555A* mice. $n = 8 - 12$.

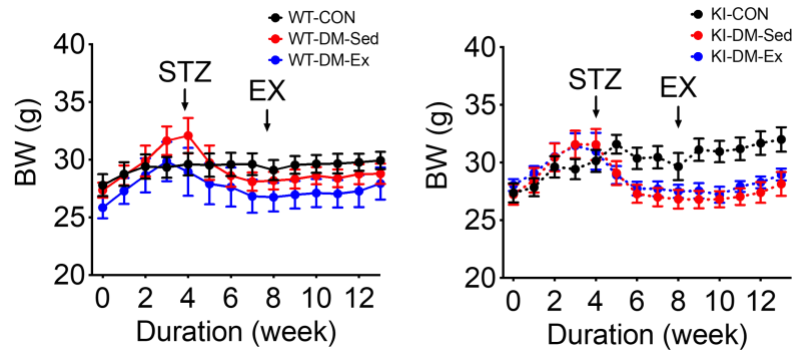


Fig S2. Body weight of WT and *Ulk1-S555A* mice. STZ, beginning of injections of STZ; EX, beginning of the 6 weeks of voluntary wheel intervention.

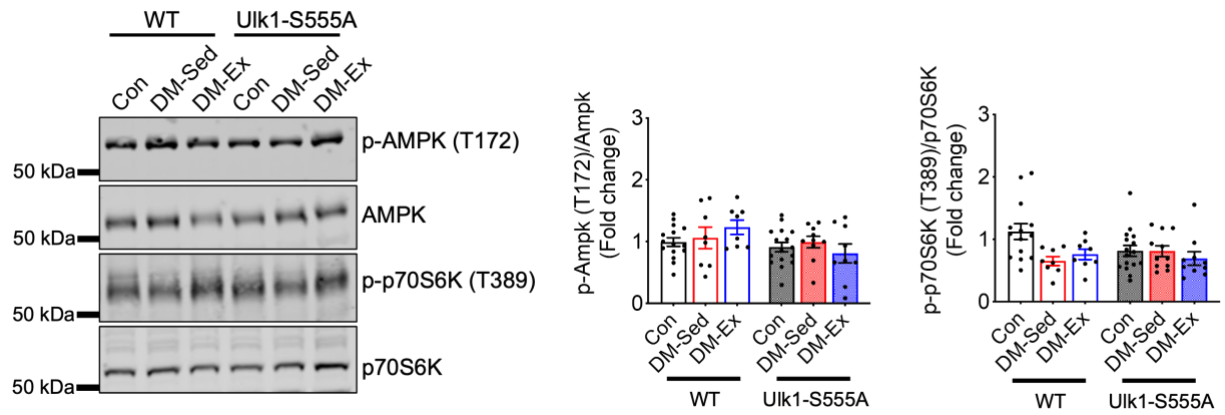


Fig. S3. AMPK and mTOR signaling in the *Ulk1-S555A* diabetic mice. Western blot assessment of phosphorylated AMPK (T172) and p70S6K (T389) in WT and *Ulk1-S555A* mice. No significant differences were detected. n = 10 – 16.