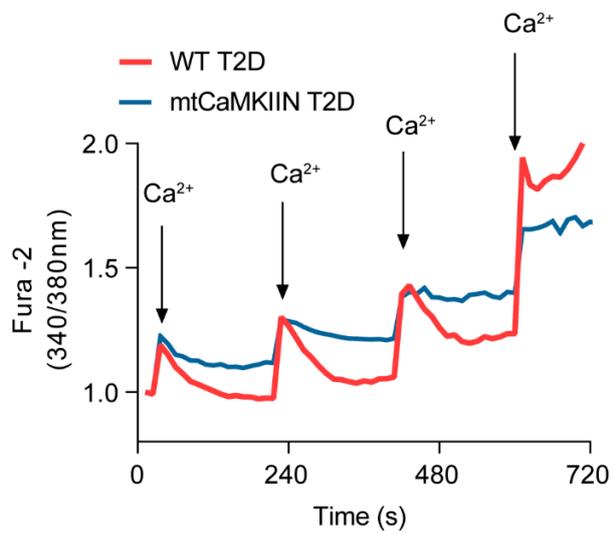
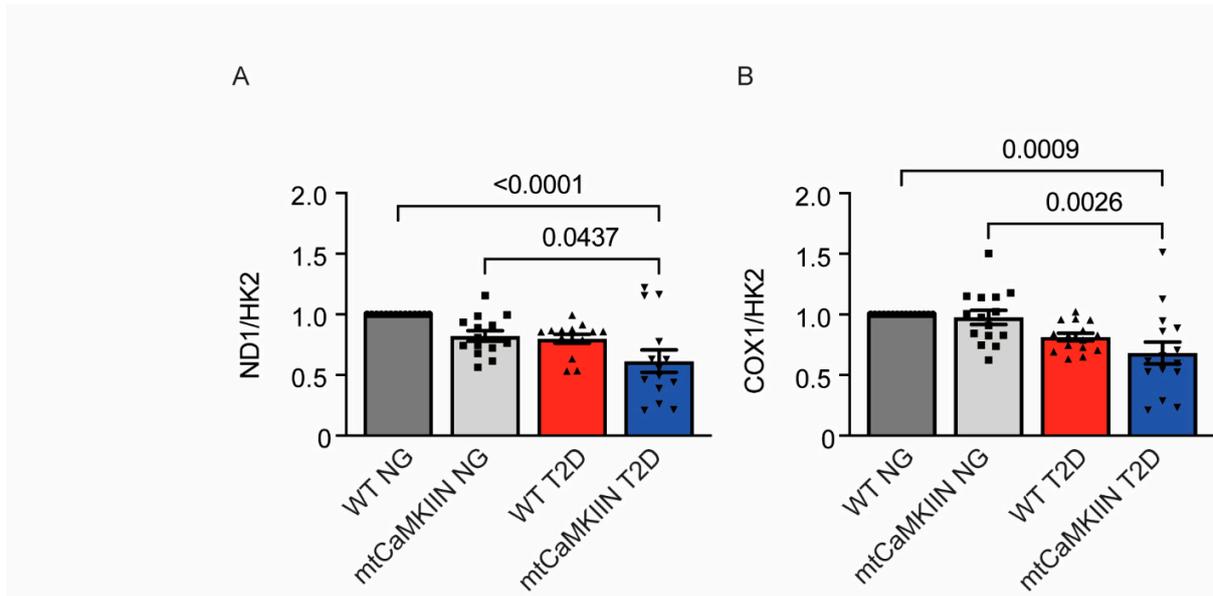


A



**Figure S1.** Mitochondrial Calcium uptake in permeabilized VSMC isolated from WT and mtCaMKIIN T2D mice assessed by Fura-2, in response to 0.5  $\mu$ M CaCl<sub>2</sub>.



**Figure S2.** Mitochondrial DNA copy number in VSMCs from NG and T2D WT and mtCaMKIIN mice.