Supplementary Figure 1 – Leak-dependent respiration as well as mitochondrial content are unchanged in permeabilized *rectus abdominis* muscle fibers from obese diabetic females compared to obese non-diabetic females. There is no correlation between these measures and levels of HbA1c. Data are shown for adenylate-free leak respiration (L_N; A, D), oligomycin-induced leak respiration (L_Omy; B, E), and maximal CIV activity in the presence of TMPD and ascorbate (Tm; C, F). A-C: All represented values are mean ± SEM, N = 10 non-diabetic (black bars) and N = 10 diabetic patients (white bars). *P<0.05, **P<0.01 (Unpaired Student’s t-test). D-F: All represented data are linear regressions, N = 9 non-diabetic (black points) and N = 10 diabetic patients (white points). To convert values for HbA1c in % into mmol/mol, subtract 2.15 and multiply by 10.929.