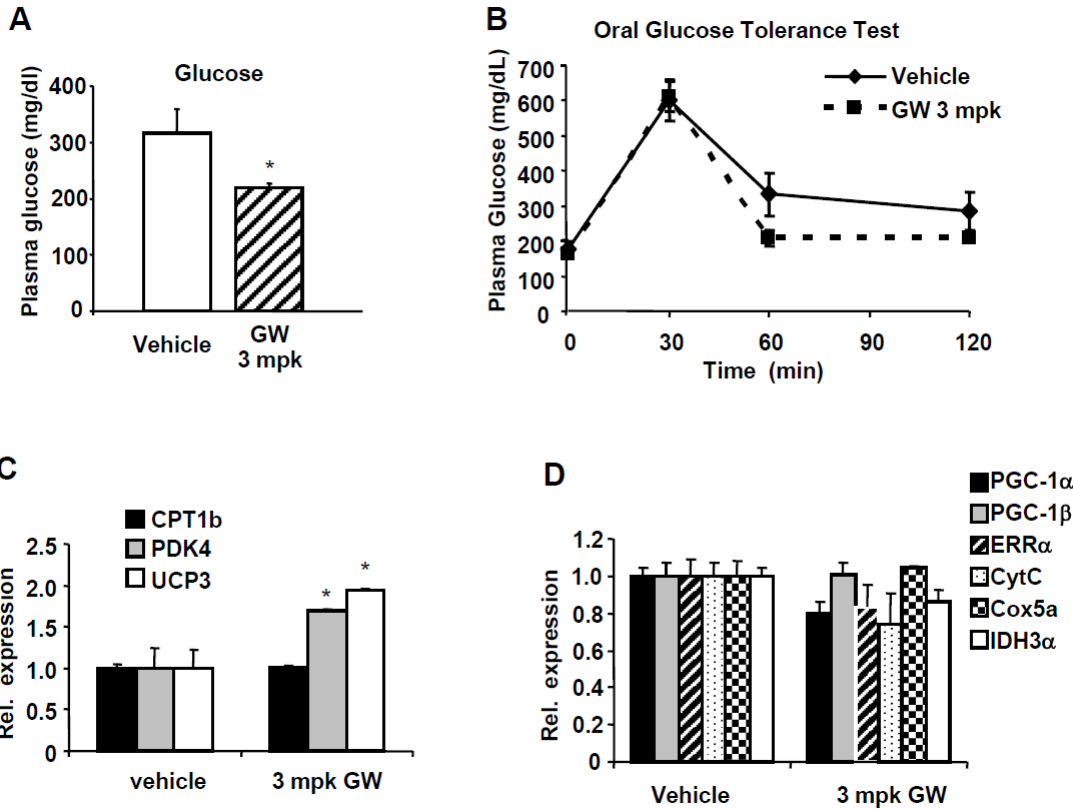


**Supplementary Fig.**



## SUPPLEMENTARY FIGURE LENDENDS

GW501516-induced effects on glucose homeostasis and muscle mitochondrial gene expression in *ob/ob* mice. *ob/ob* mice were treated once daily with 3 mpk GW501516 for 3 weeks. *A*. Plasma glucose was measured at day 19 post-treatment after 4 hr fast. *B*. OGTT from basal vs. vehicle, n=8, \*p≤0.05. *C* & *D*. Quadriceps muscle were isolated. RNA was extracted and Q-PCR was performed to determine the mRNA levels of the indicated genes. Data are mean ± SEM, n=8, \*p≤0.05 for vehicle vs. GW501516.