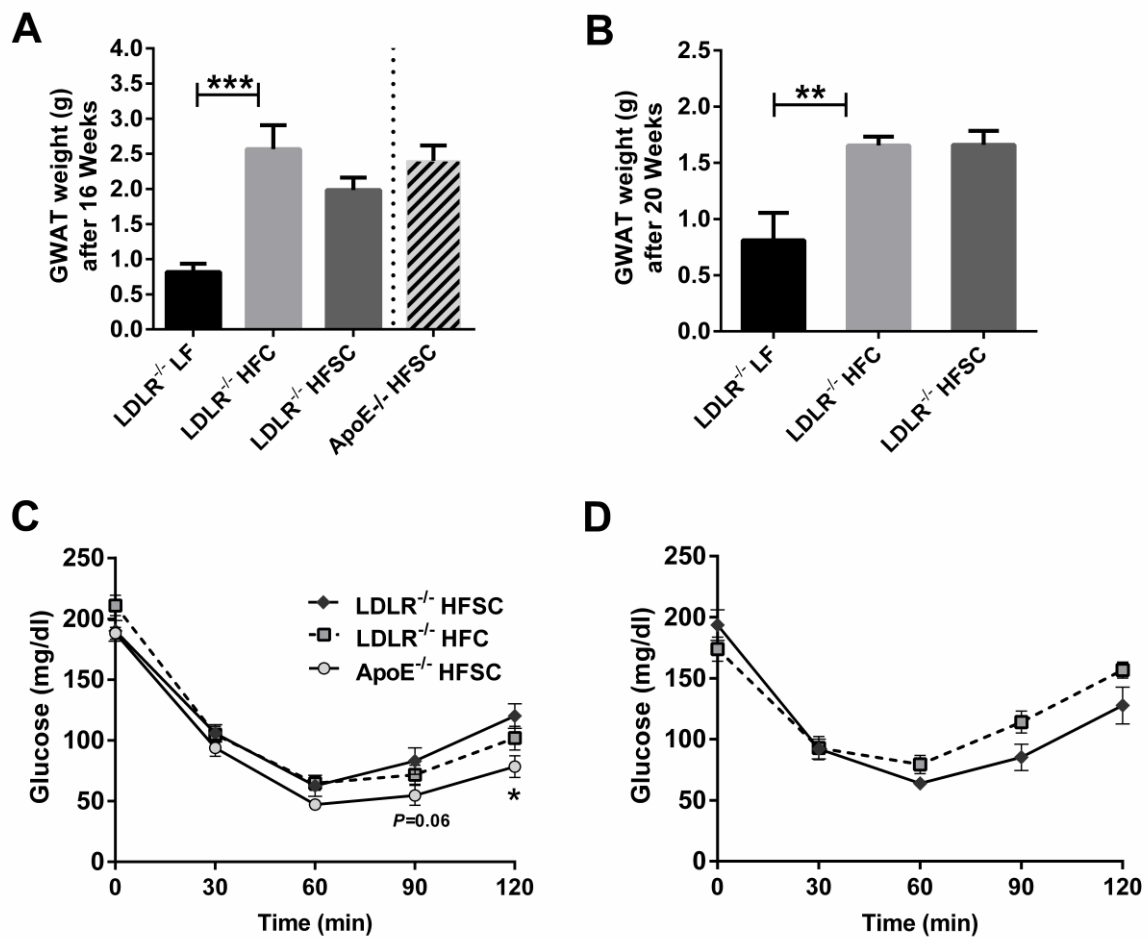


Additional Figure 1



Additional Figure 1: LDLR^{-/-} mice were placed on LF control or two different high-fat diets both containing 0.15% cholesterol with (HFSC) or without sucrose enrichment (HFC). ApoE^{-/-} mice were fed HFSC. Mean gonadal adipose tissue (GWAT) weight after dietary treatment for 16 and 20 weeks (A,B). Insulin tolerance test was performed by intraperitoneal injection of 0.75 g insulin/kg body weight after 12 and 20 weeks of feeding. Asterisk indicates significant difference between ApoE^{-/-} and LDLR^{-/-} mice on HFSC (n = 8 animals per group) (C,D). For statistical analysis LDLR^{-/-} mice fed HFSC or LF were compared with HFC-fed LDLR^{-/-} mice. In addition, LDLR^{-/-} and ApoE^{-/-} mice both fed HFSC were compared. All data represent mean ± SEM. *P<0.05, **P<0.01, ***P<0.001