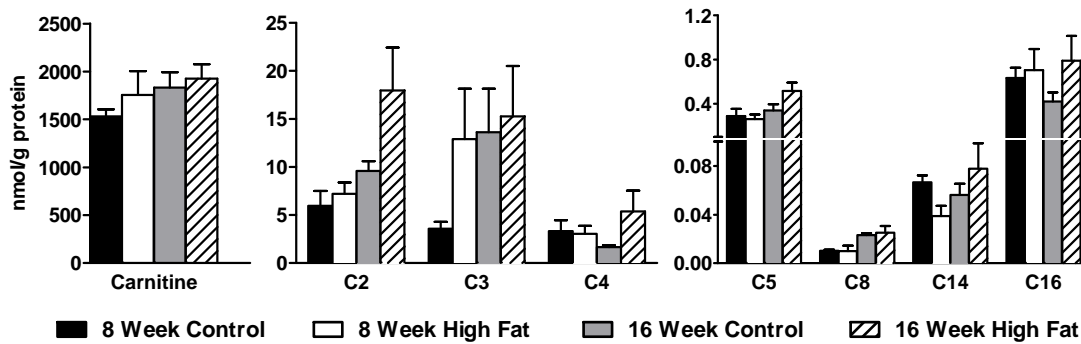
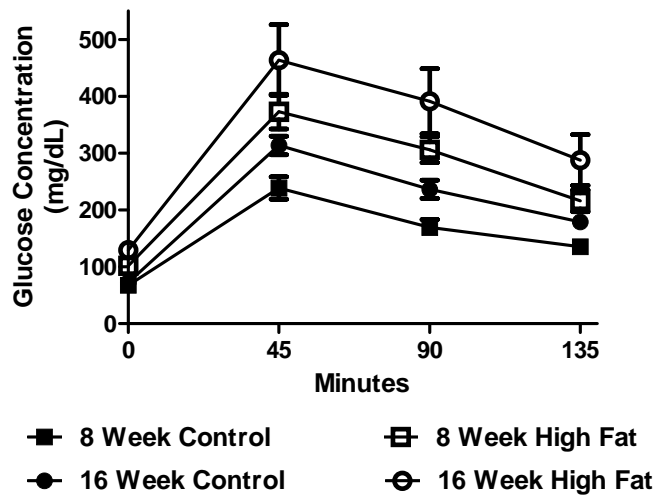


Supplemental Figures

Progressive Adaptation of Hepatic Ketogenesis in Mice Fed a High Fat Diet



Supplementary Figure 1: Free carnitine and Acylcarnitine profiles in mice fed a synthetic control diet (10% fat calories) versus a high fat diet (60% fat calories) diet for either 8 or 16 weeks. Data are presented as means \pm SE of 6 to 10 mice. Acetylcarnitine (C2), Propionylcarnitine (C3), Butyrylcarnitine (C4), Isovalerylcarnitine (C5), Octanoylcarnitine (C8), Myristoylcarnitine (C14), Palmitoylcarnitine (C16).



Supplementary Figure 2: Glucose concentrations in response to an intra-peritoneal glucose (2 g / kg bodyweight) challenge in mice maintained on control versus high fat diets for either 8 or 16 weeks indicates progressive glucose intolerance.