



**Extended Data Figure 2:** **a**, Liver mass, **b**, triglyceride content, **c**, AMPK phospho (Thr172) to total ratio and **d**, S6 phospho (Ser235/236) to total ratio. Gene expression of liver **e**, PEPCK and **f**, G6Pase. Determination of the fractional synthesis rates in the **g**, mitochondrial and **h**, mixed fractions of liver. Data were analyzed by two-way ANOVA (strain x treatment) and are represented as mean  $\pm$  SEM from 6-7 rats per group.