Supplemental Figure 3. (A) Western blot of liver extracts from mice infected with GFP or PGC-1α overexpression and Control or SIRT1 shRNA adenovirus. (B) Q-RT-PCR analysis of Pepck gene expression from mice fasted for 20 hours (GFP: N=5 each bar, PGC-1α: N=6 each bar) normalized to 36b4 expression. (C) Fed and 20 hour fasted glycemia (each bar N=10) * P<0.05. (D) Western blot of liver extracts from mice infected with GFP, PGC-1α overexpression, or R13 (PGC-1α acetylation mutant) adenovirus. (E) Blood glucose levels from GFP, PGC-1α, or R13 infected mice (each bar N=5). All data presented is average +/- SEM. Significance determined students T-test. * P<0.05.