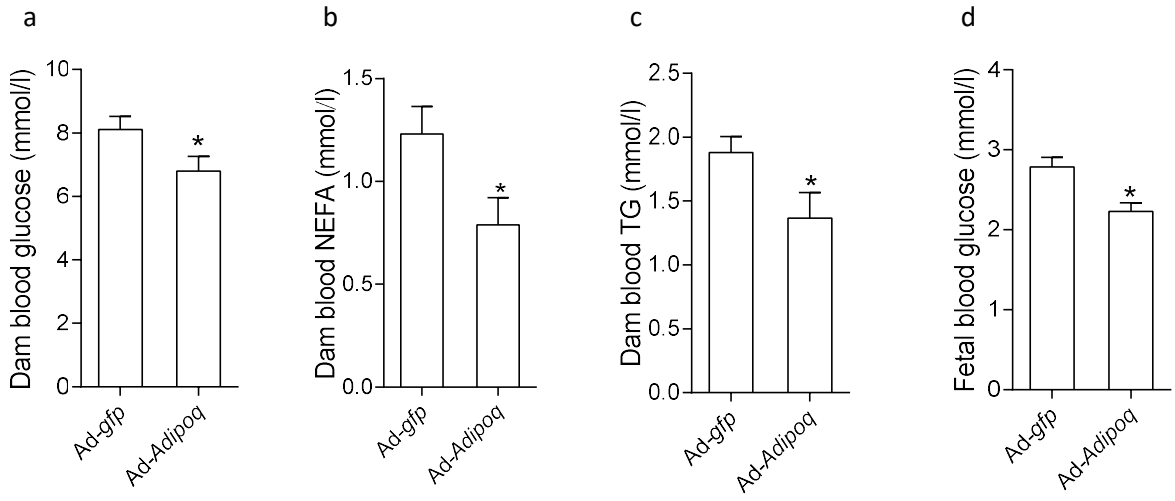
ESM Table 1. Sequences for real-time PCR primers

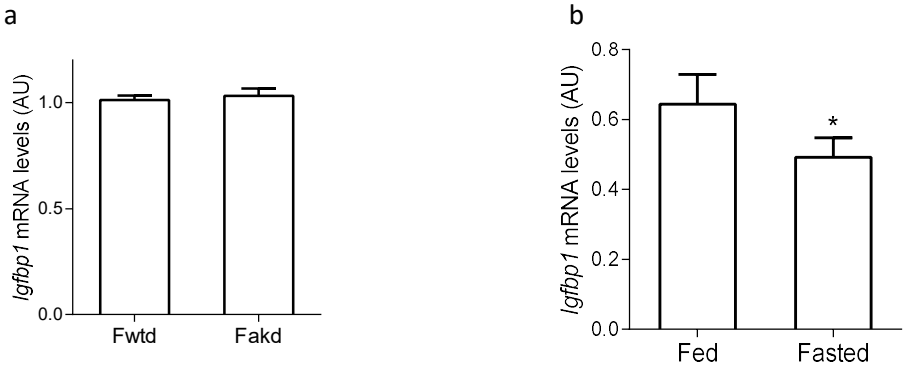
Gene	Forward (5' to 3')	Reverse (5' to 3')
18S rRNA	CGAAAGCATTTGCCAAGAAT	AGTCGGCATCGTTTATGGTC
Igf-2	CGCTTCAGTTTGTCTGTTCG	GCAGCACTCTTCCACGATG
Igf-2R	CCTTCTCTAGTGGATTGTCAAGTG	AGGGCGCTCAAGTCATACTC
Igfbp1	TGGTCAGGGAGCCTGTGTA	ACAGCAGCCTTTGCCTCTT

ESM Figure 1



ESM Fig. 1. Maternal adiponectin reconstitution restored blood glucose, TG and NFFA concentrations. *Adipoq*$^{-/-}$ dams were injected with purified Ad-*Adipoq* or Ad-*gfp* viral vectors at E15.5. Blood and tissue samples were collected through the C-section at E18.5 and fed state. Maternal (a, n=6) and fetal blood (d, n=18-20) glucose was determined by using glucose oxidase. NFFA (b, n=6) and TG (c, n=6) levels were measured using a Wako kit. * *p<0.05 vs.* Ad-*gfp* treated mice.

ESM figure 2



ESM Fig. 2. Effects of maternal adiponectin and fasting on fetal liver *Igfbp1* gene expression. Fetal livers were collected at E18.5 from WT and *Adipoq*$^{-/-}$ dams (a, fed, n=8), or C57BL/6 dams after overnight fasting (b, n=6). mRNA levels of *Igfbp1* were measured by qPCR. * *p<0.05 vs.* Fed mice.