



**Supplemental Fig. S1.** Female of obesity increase lipid accumulation. Hepatic triglyceride (TG) in female *db/db* mice. One representative result of three experiments yielding similar outcomes for each protein is demonstrated. Results of one-factor analysis of variance. WT, wild type. <sup>a</sup> $P < 0.001$  vs. 7 weeks *db*<sup>+</sup> mice; <sup>b</sup> $P < 0.001$  vs. 10 weeks *db*<sup>+</sup> mice.