

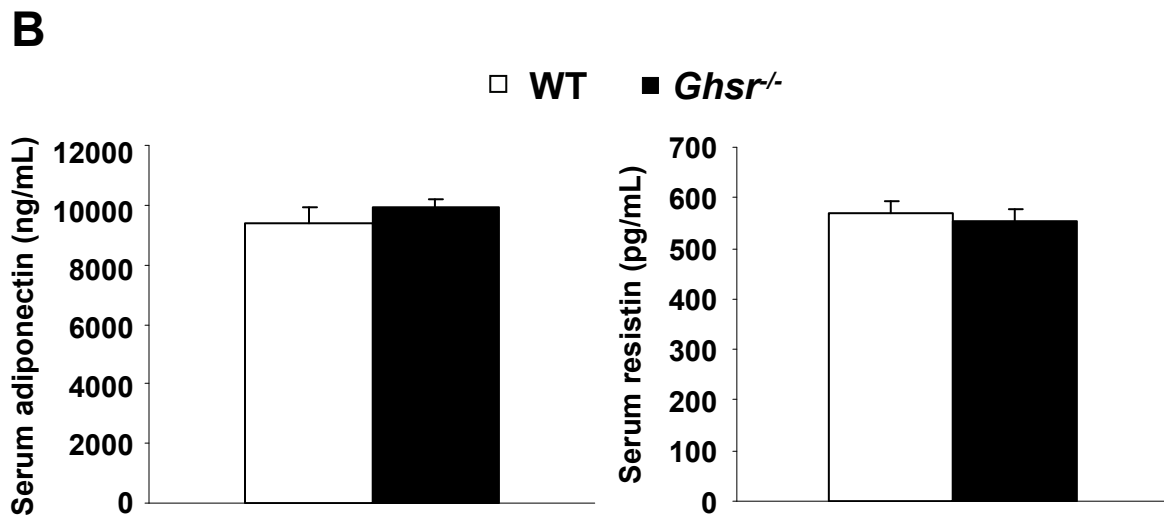
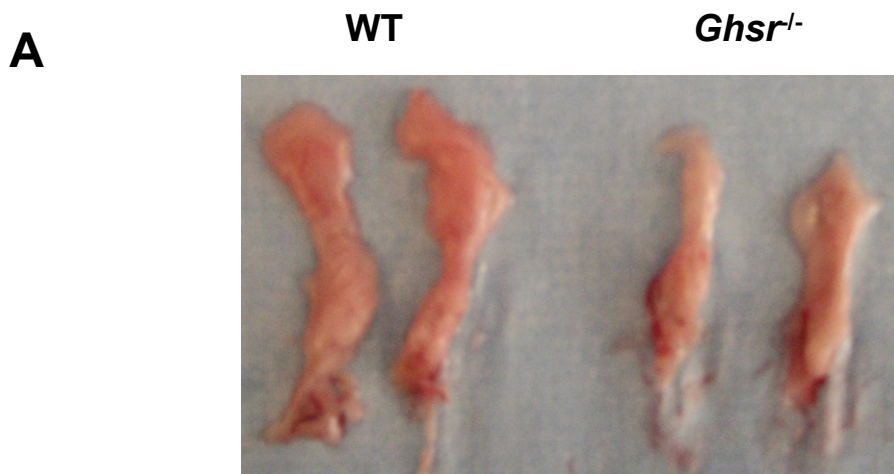
## Supplemental Table

### The mRNA Expression of Adipogenic, Lipogenic, Lipolytic, and Lipid Recycling Genes in Inguinal Adipose Tissue

Transcripts	WT	<i>Ghsr</i> <sup>-/-</sup>	<i>P</i> Value
<b>Adipogenic</b>			
PPAR $\gamma$ 2	1.00 $\pm$ 0.16	0.56 $\pm$ 0.16	<b>&lt;0.001</b>
<b>Glucose/Lipid Uptake</b>			
Lipoprotein lipase	1.00 $\pm$ 0.16	0.68 $\pm$ 0.17	<b>&lt;0.05</b>
CD36	1.00 $\pm$ 0.14	0.34 $\pm$ 0.10	<b>&lt;0.001</b>
<b>Lipogenic</b>			
aP2	1.00 $\pm$ 0.15	0.55 $\pm$ 0.10	<b>&lt;0.001</b>
Lipin 1	1.00 $\pm$ 0.12	0.75 $\pm$ 0.18	0.12
<b>Lipid Utilization</b>			
UCP2	1.00 $\pm$ 0.15	0.62 $\pm$ 0.10	<b>&lt;0.01</b>
<b>Lipolytic</b>			
Perilipin	1.00 $\pm$ 0.19	0.68 $\pm$ 0.17	0.07
Hormone-sensitive lipase	1.00 $\pm$ 0.19	0.72 $\pm$ 0.19	0.13

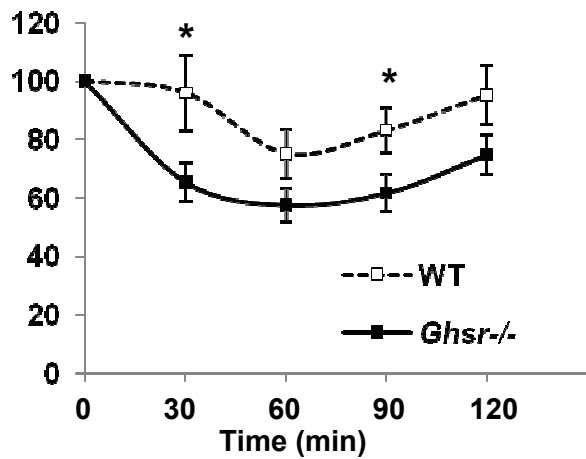
Values shown are mean  $\pm$  SEM (n = 9). The age of the mice ranges from 20 months to 24 months.

**Fig. S1**



**Fig. S2**

**A**



**B**

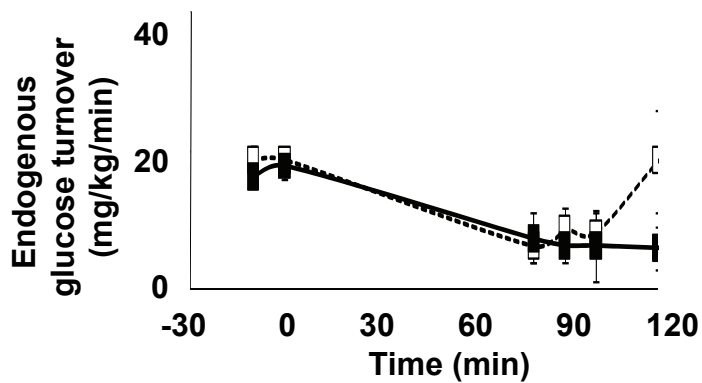
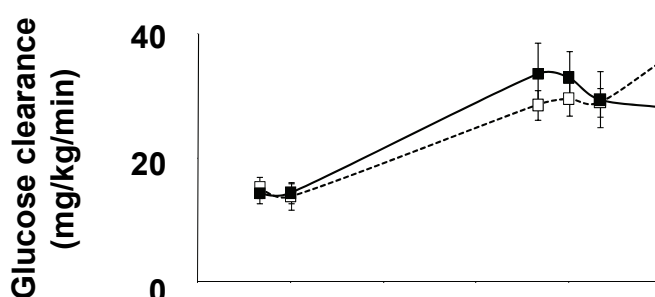
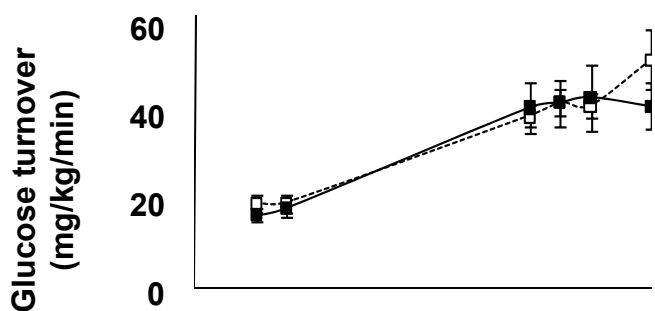
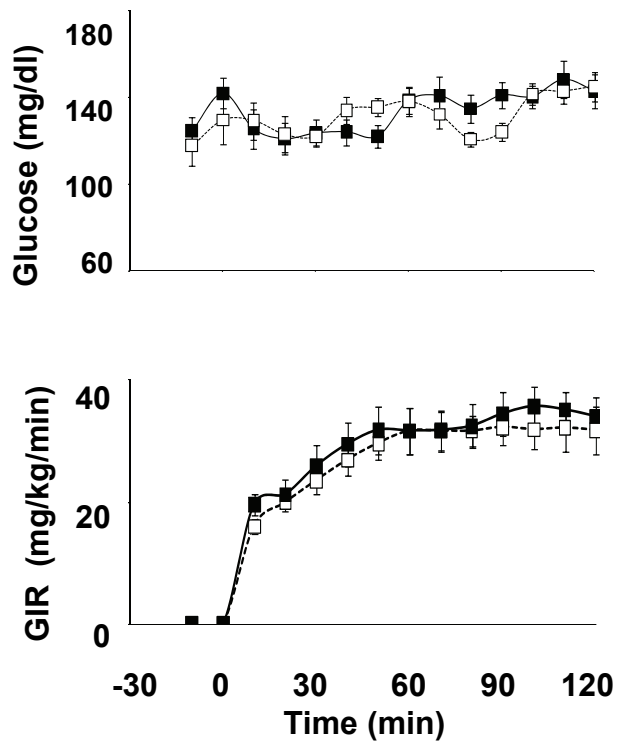
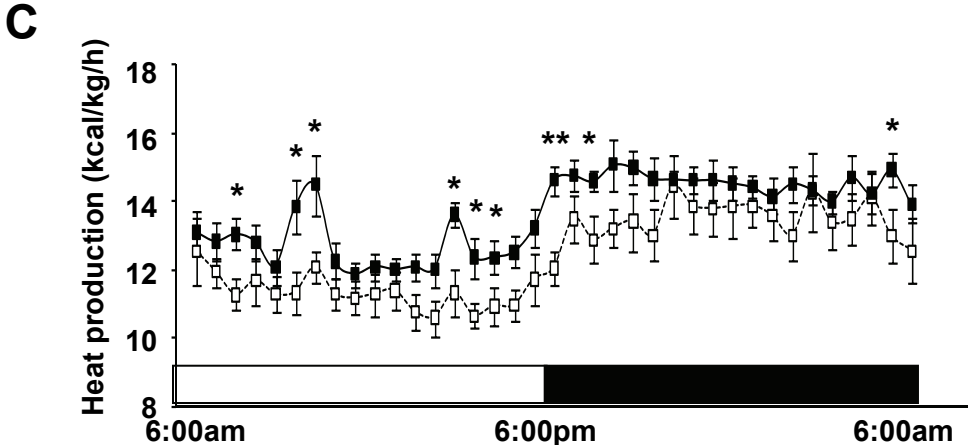
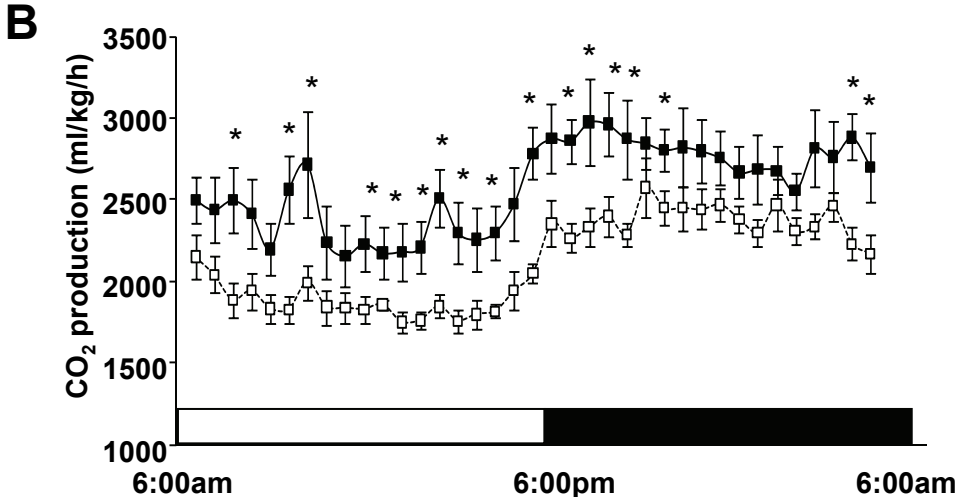
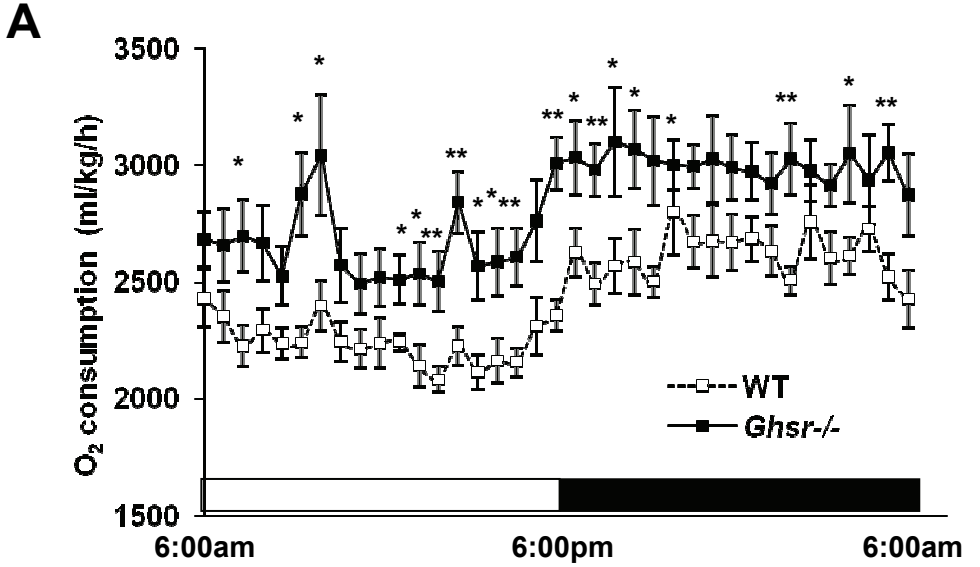
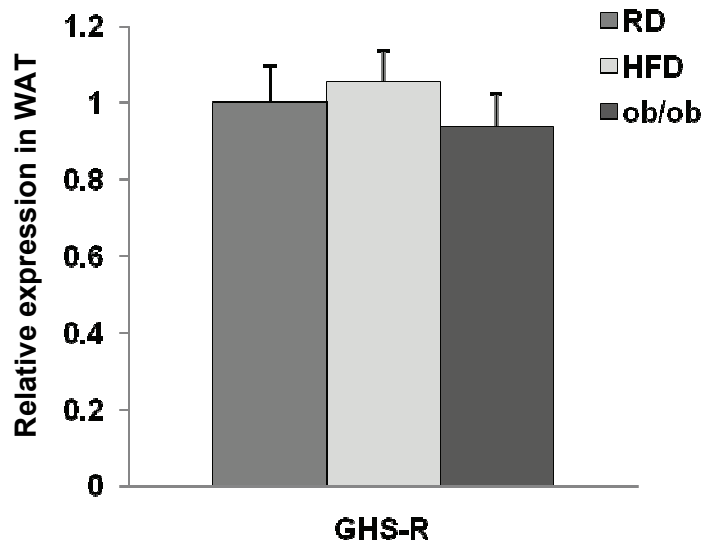


Fig. S3

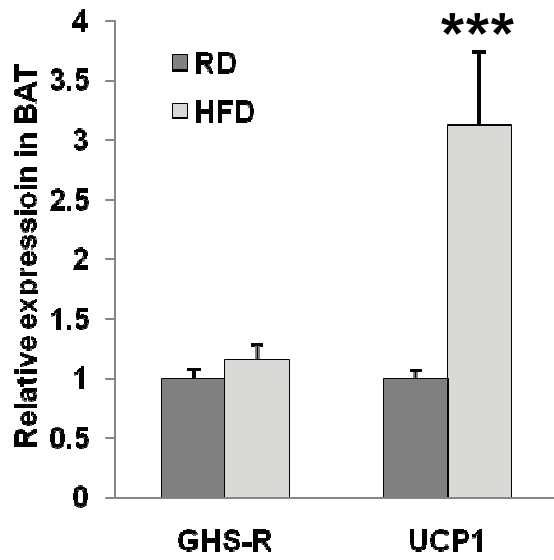


**Fig. S4**

**A**

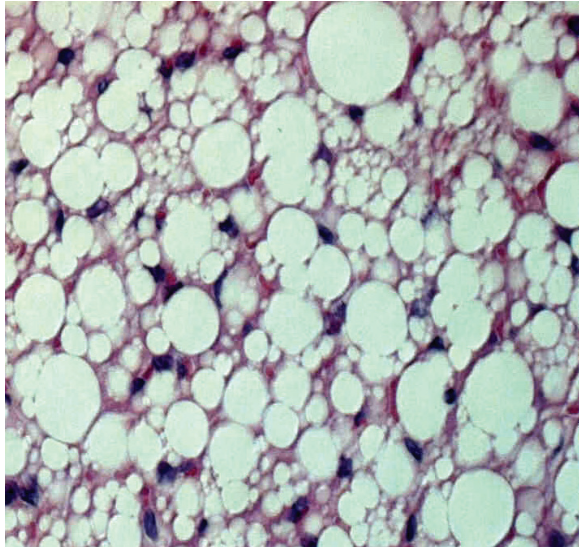


**B**

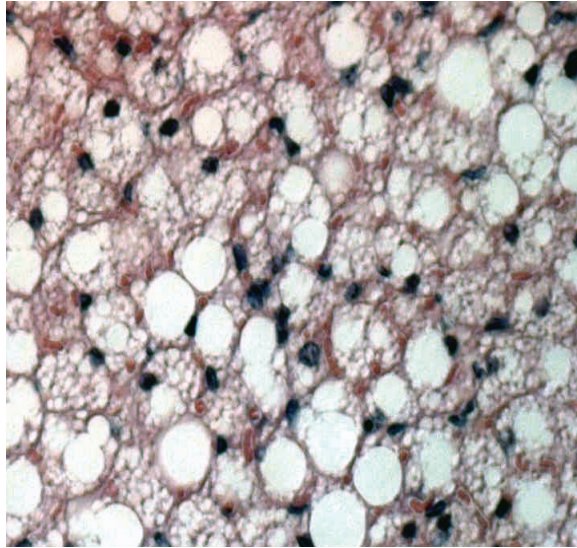


**Fig. S5**

**WT**



***Ghsr*<sup>-/-</sup>**



**Fig. S6**

