

Absence of the proteoglycan decorin reduces glucose tolerance in overfed male mice

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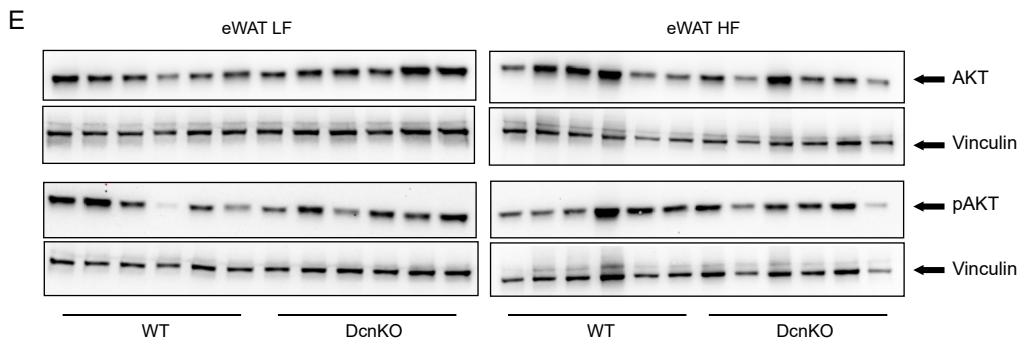
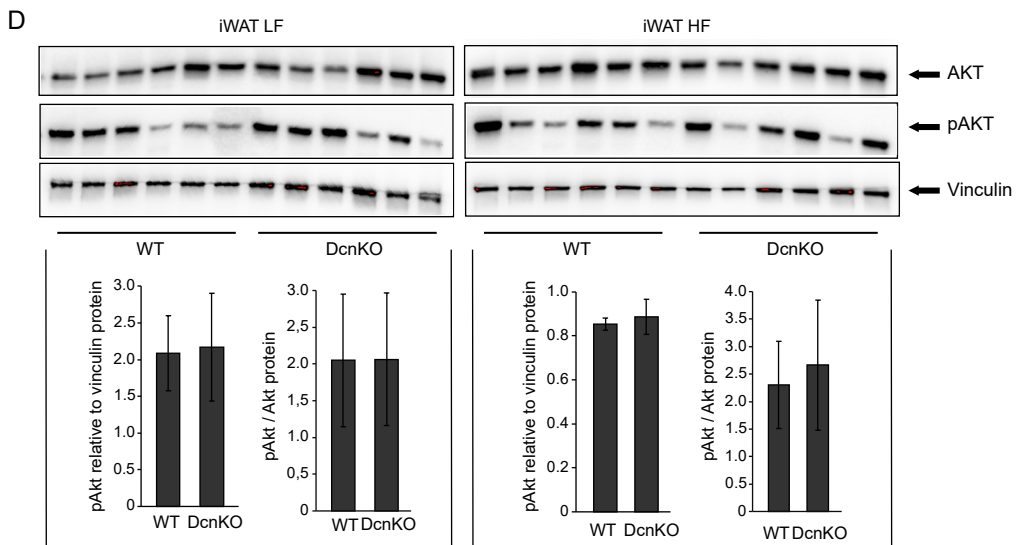
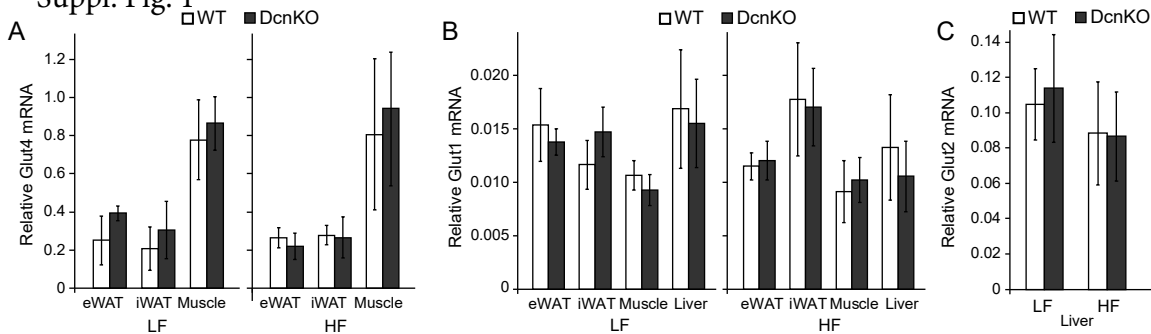
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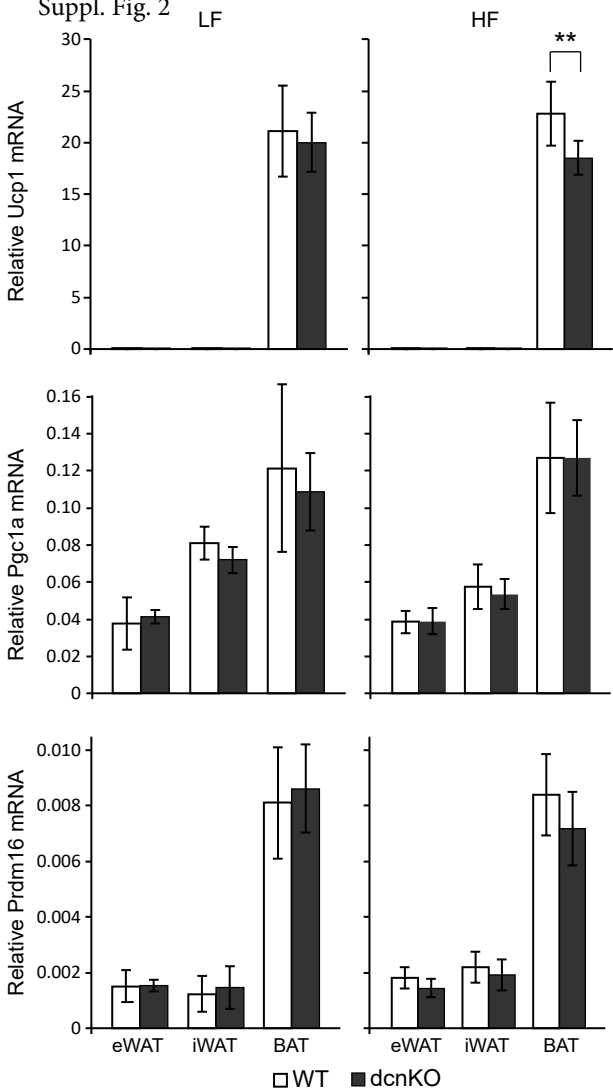
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Suppl. Fig. 1



Suppl. Fig. 2



Supplemental Figure Legends

Supplemental Figure 1. Gene expression of glucose transporters and protein levels of Akt pathway. *Glut4* mRNA in adipose tissue and skeletal muscle was measured by qPCR (A), *Glut1* mRNA in adipose tissue, skeletal muscle and liver was measured by qPCR (B) and *Glut2* mRNA in liver was measured by qPCR, all calculated relative to the reference gene *Rps13* (C). Protein levels of Akt pathway in iWAT and eWAT from WT and *Dcn*KO mice fed LF or HF diet.

Supplemental Figure 2. Adipose tissue expression of Ucp1, Pgc1a and Prdm16. mRNA expression levels of *Ucp1*, *Pgc1a* and *Prdm16* in different adipose tissues were measured by qPCR and calculated relative to the reference gene *Rps13*. iWAT, inguinal white adipose tissue; eWAT, epididymal white adipose tissue; BAT, interscapular brown adipose tissue. *, p-value < 0.05; **, p-value < 0.01;