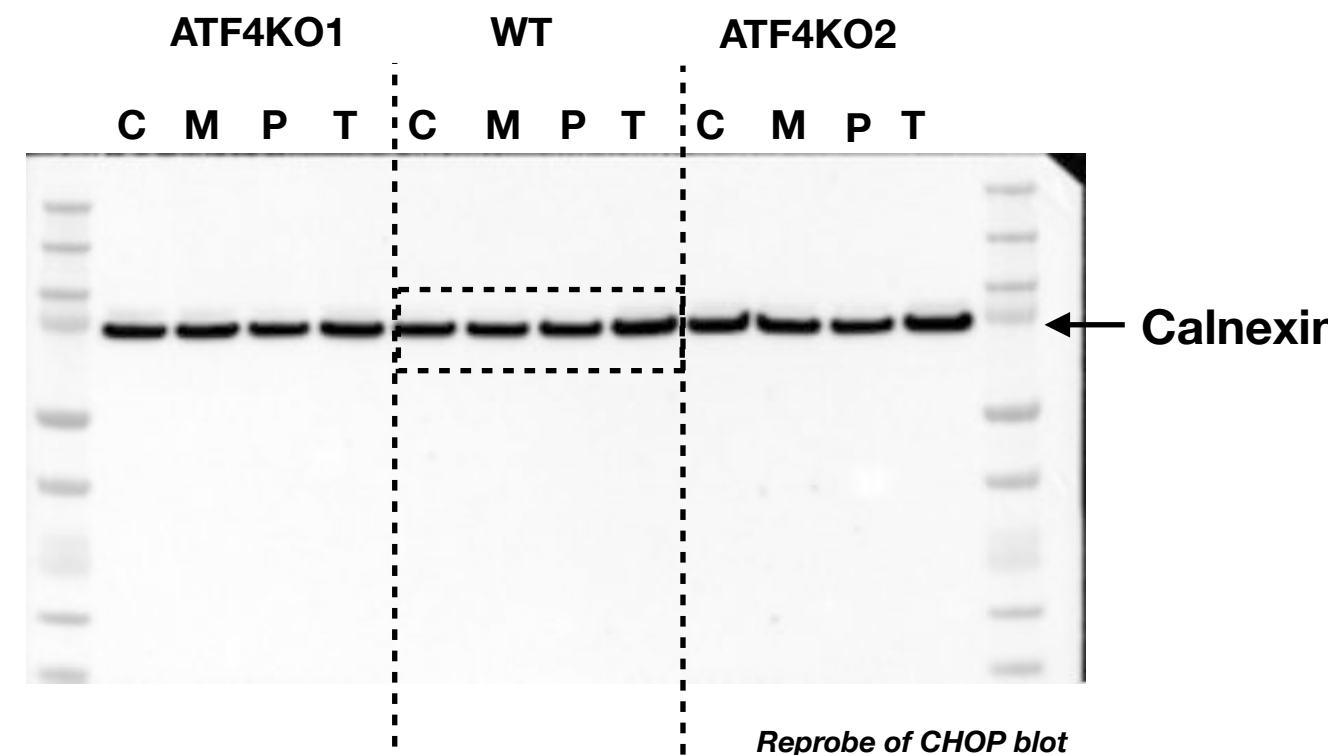
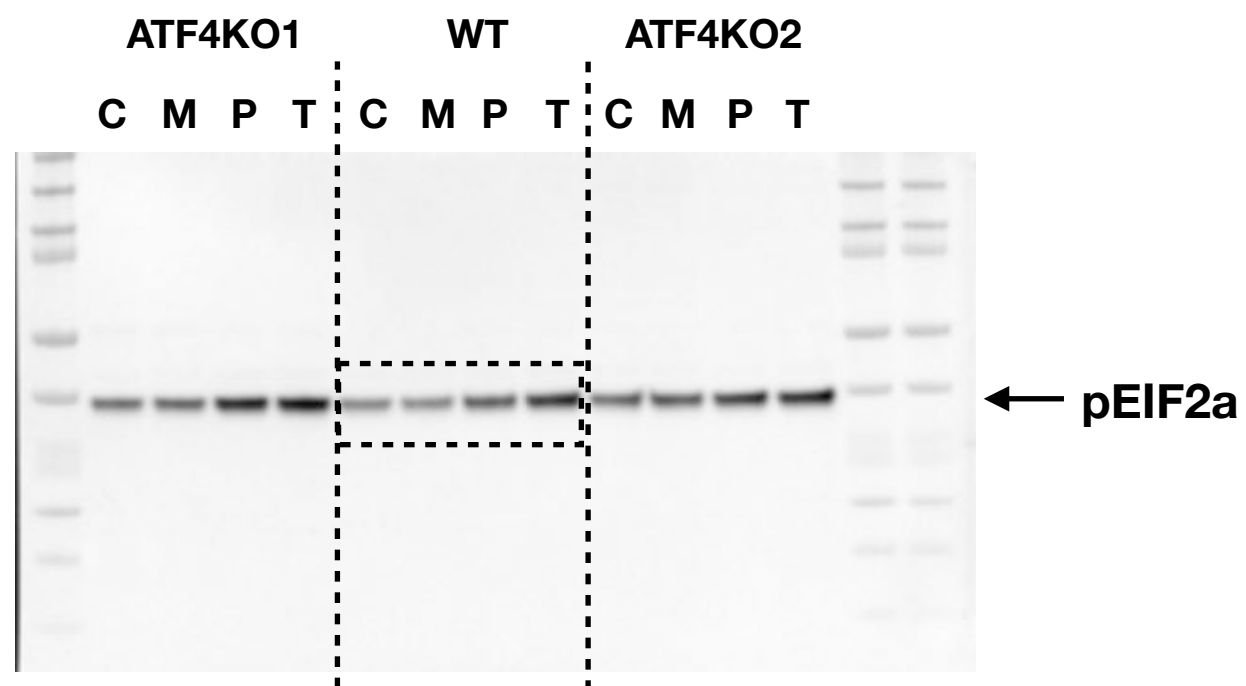
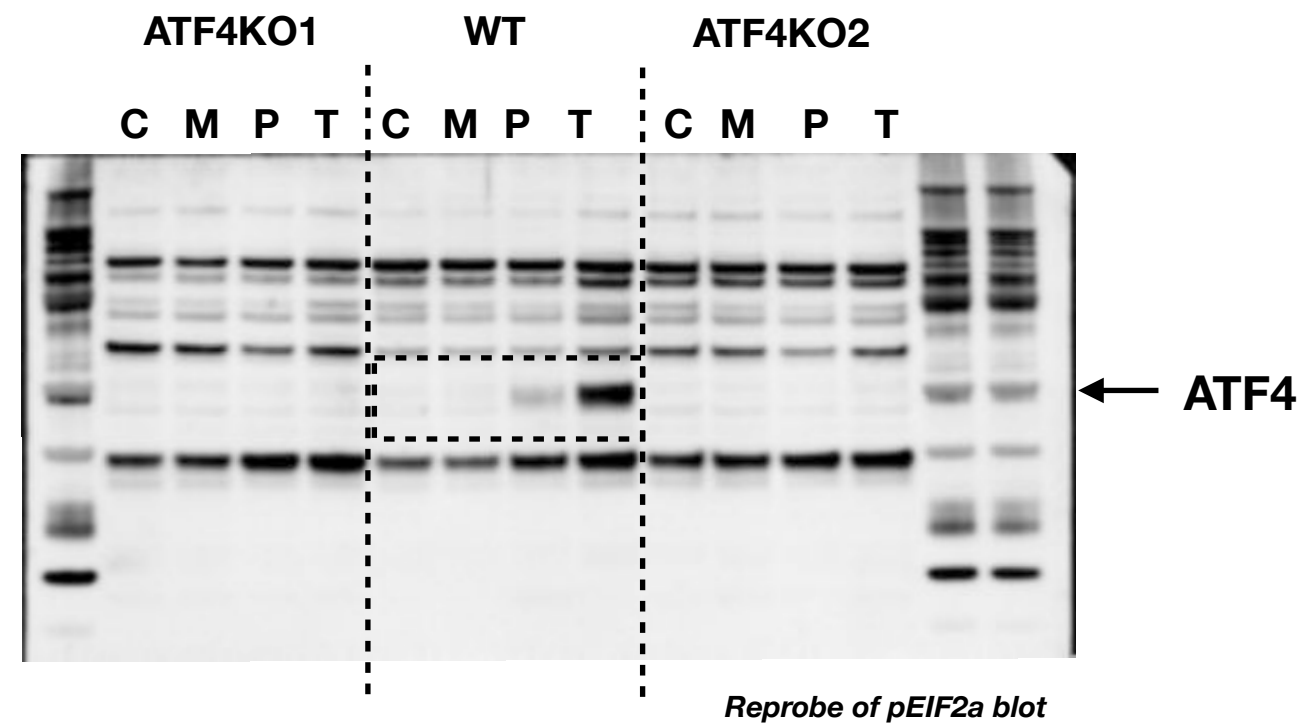
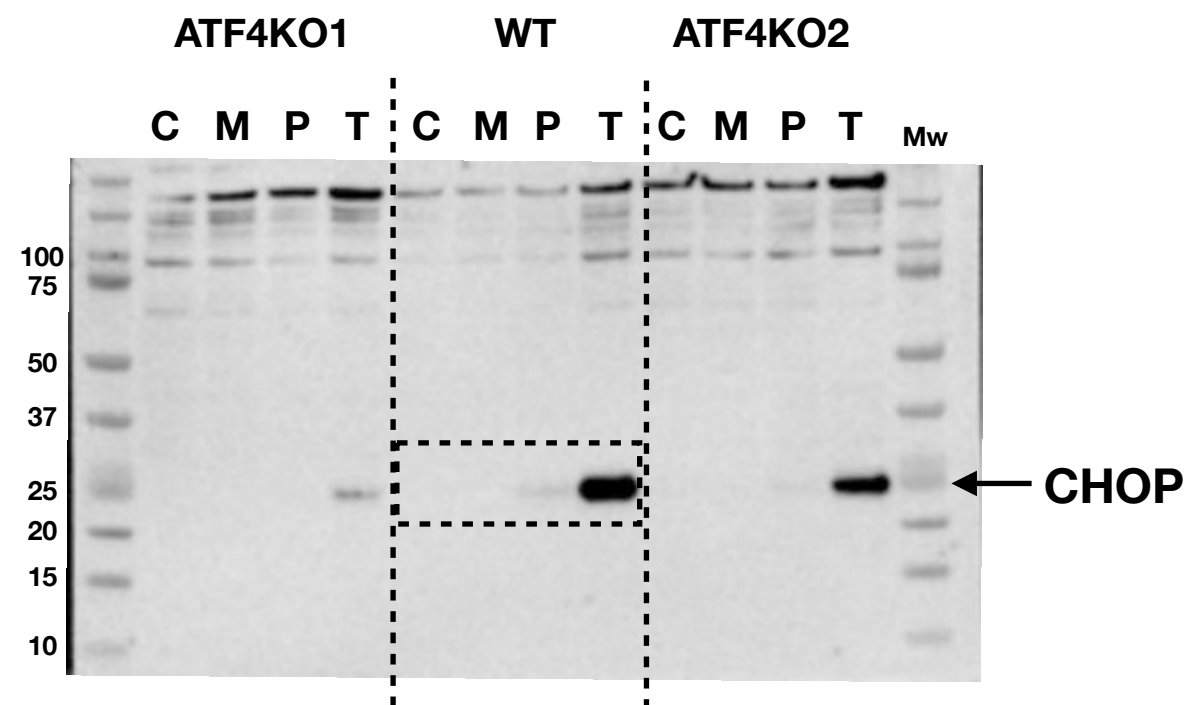

Supplementary information

GDF15 mediates the effects of metformin on body weight and energy balance

In the format provided by the
authors and unedited

Anthony P. Coll, Michael Chen, Pranali Taskar, Debra Rimmington, Satish Patel, John A. Tadross, Irene Cimino, Ming Yang, Paul Welsh, Samuel Virtue, Deborah A. Goldspink, Emily L. Miedzybrodzka, Adam R. Konopka, Raul Ruiz Esponda, Jeffrey T.-J. Huang, Y. C. Loraine Tung, Sergio Rodriguez-Cuenca, Rute A. Tomaz, Heather P. Harding, Audrey Melvin, Giles S. H. Yeo, David Preiss, Antonio Vidal-Puig, Ludovic Vallier, K. Sreekumaran Nair, Nicholas J. Wareham, David Ron, Fiona M. Gribble, Frank Reimann, Naveed Sattar, David B. Savage, Bernard B. Allan & Stephen O'Rahilly

Extended Figure 10C



C = Control

M = Metformin

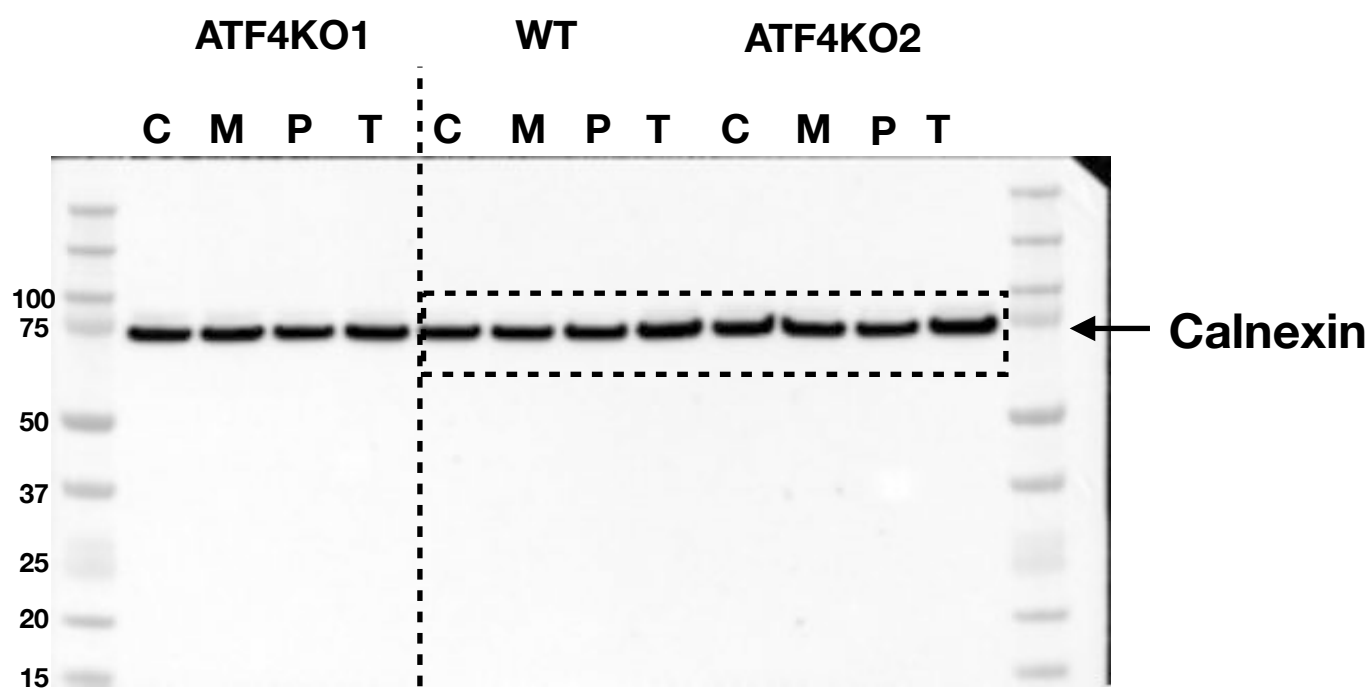
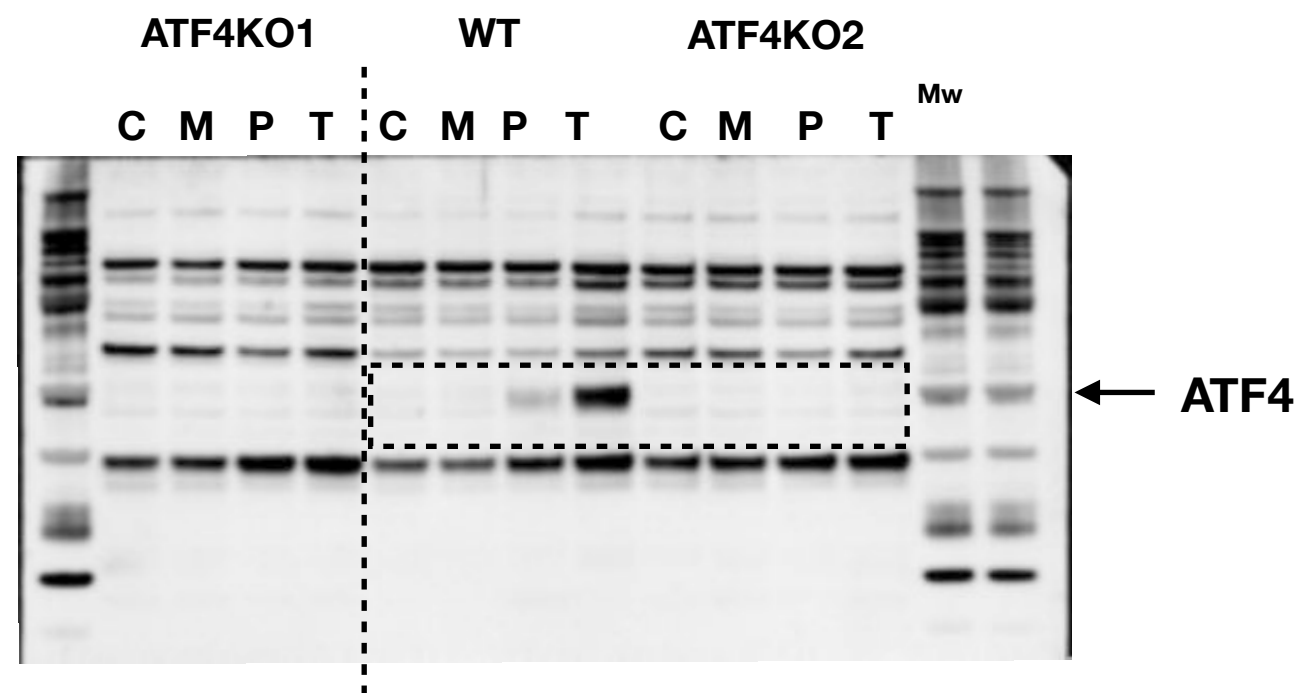
P= Phenformin

T = Tunicamycin

**Mw = Biorad precision plus Dual
Colour std**

Selected area

Extended Figure 10E



C = Control

M = Metformin

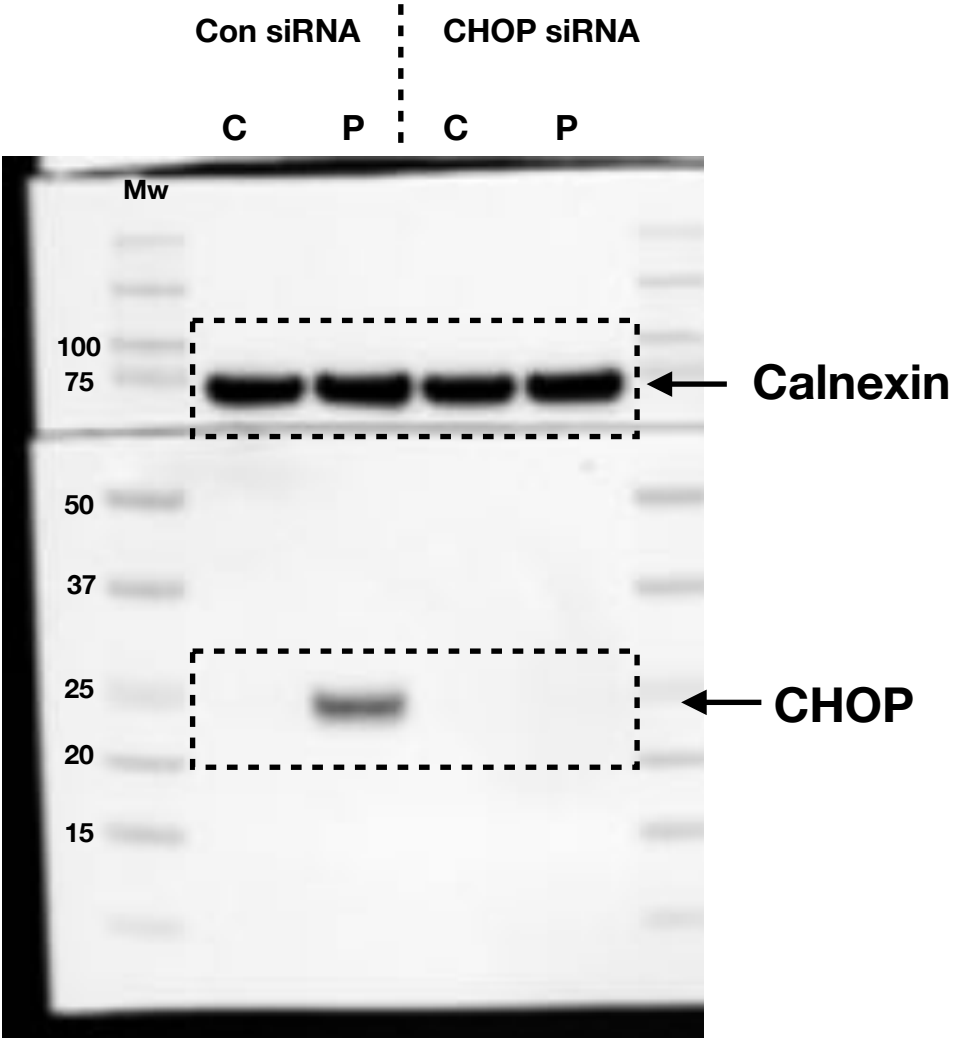
P= Phenformin

T = Tunicamycin

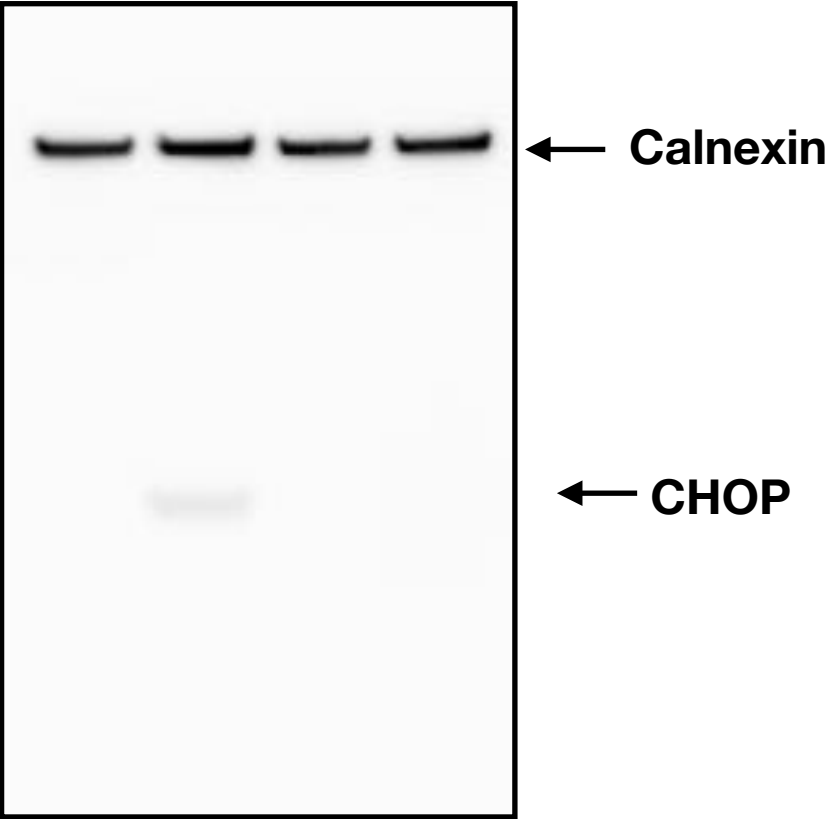
**Mw = Biorad precision plus Dual
Colour std**

Selected area *Extended from Figure 5C*

Extended Figure 10F



Membrane cut and probed with CHOP and Calnexin



Lighter exposure of membrane

C = Control

P= Phenformin

Mw = Biorad precision plus Dual
Colour std

Selected area

Details:

Image Acquisition = ImageQuant LAS 4000 (GE Healthcare Cat# 28955810)

-increment settings 1min

Image processing = ImageQuant TL + Adobe Photoshop CS6 (levels adjusted across whole blot)

Figure Construction = Adobe Illustrator CS6