

Supplementary Information

Placental O-GlcNAc-transferase expression and interactions with the glucocorticoid receptor are sex specific and regulated by maternal corticosterone exposure in mice.

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***Authors contributed equally**

Raw images of Western blots used for figures 1-5

Figure 1F
OGT

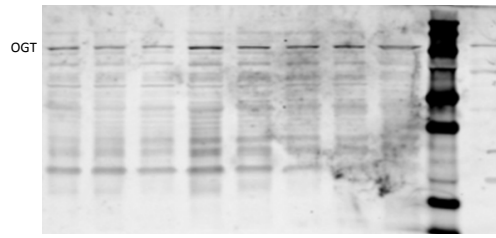


Figure 1F
ACTB

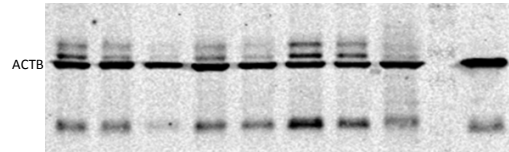


Figure 2F
Males HSP90

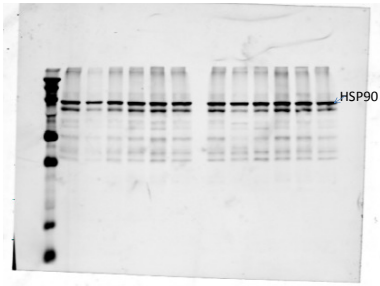


Figure 2F
Males ACTB

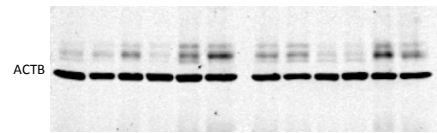


Figure 2F
Females HSP90

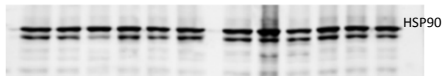


Figure 2F
Females ACTB

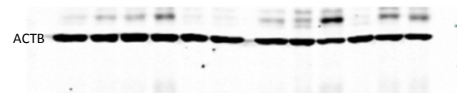


Figure 3A
Males OGT

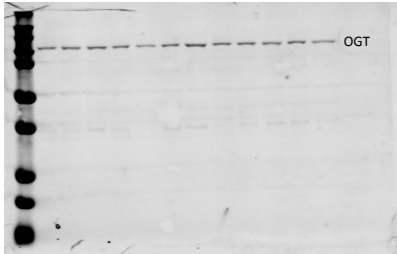


Figure 3A
Males ACTB

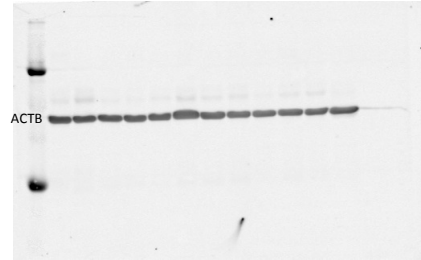


Figure 3A
Females OGT

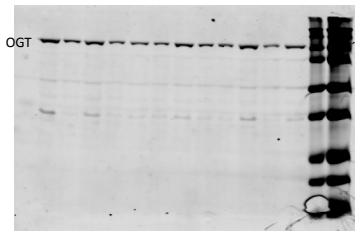


Figure 3A
Females ACTB

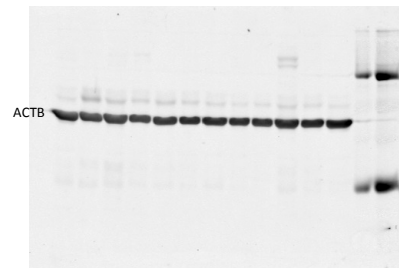


Figure 3B
Males O-GlcNac

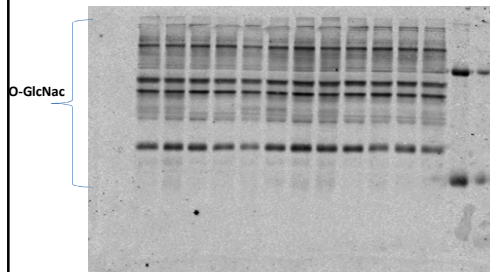
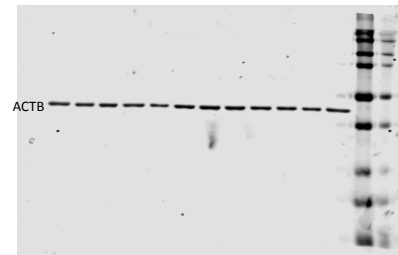


Figure 3B
Males ACTB



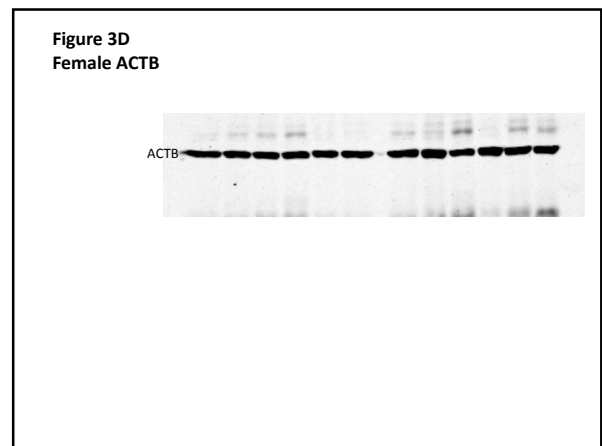
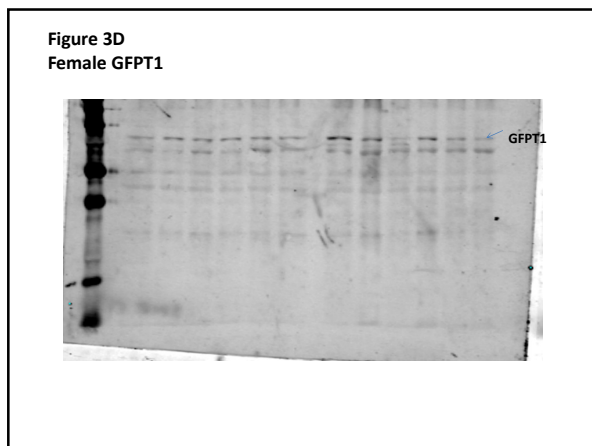
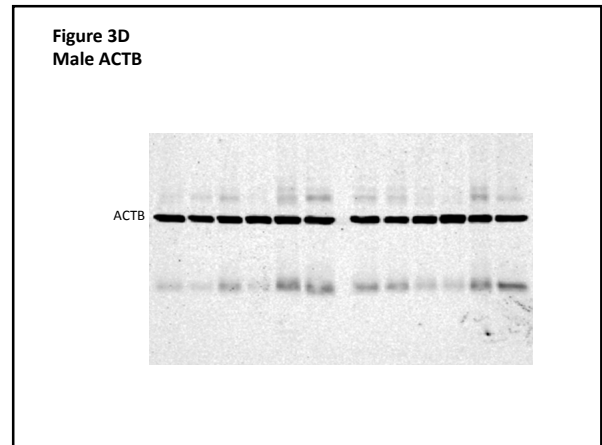
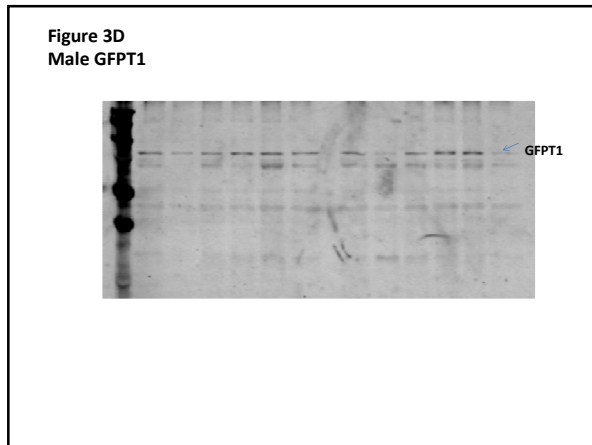
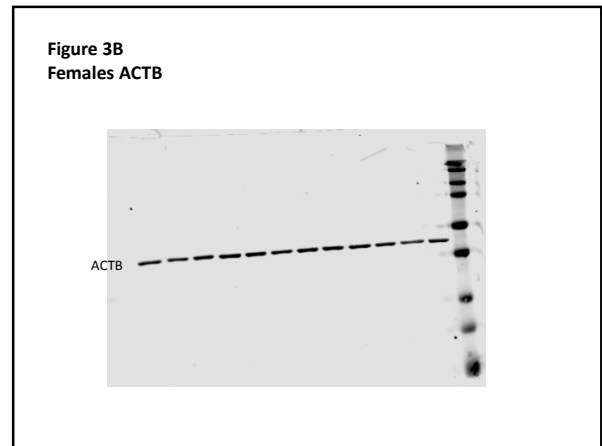
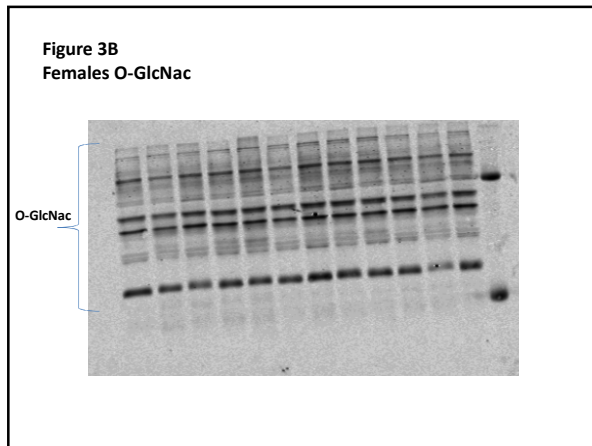


Figure 4A and 4C
Males p(S473) Akt1 and ACTB

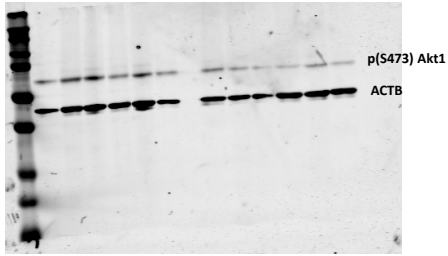


Figure 4A and 4C
Females p(S473) Akt1 and ACTB

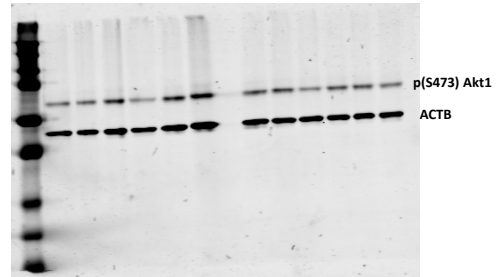


Figure 4C
Males Total Akt1

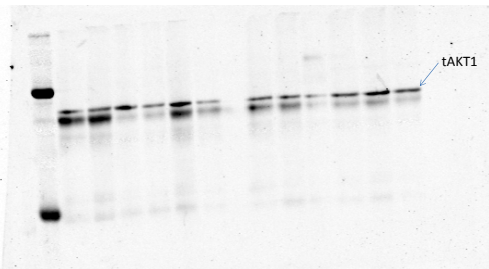


Figure 4C
Females Total Akt1

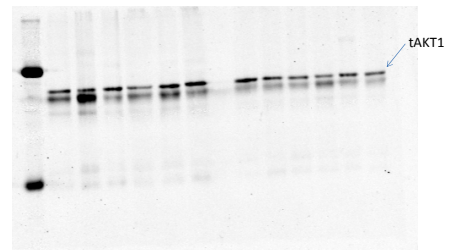


Figure 4B
Males p(S474)Akt2

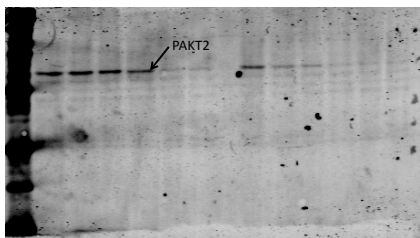
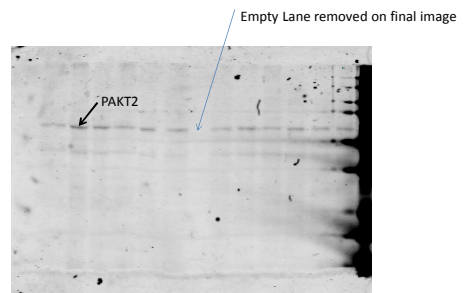
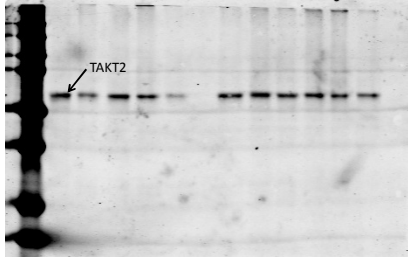


Figure 4B
Females p(S474)Akt2

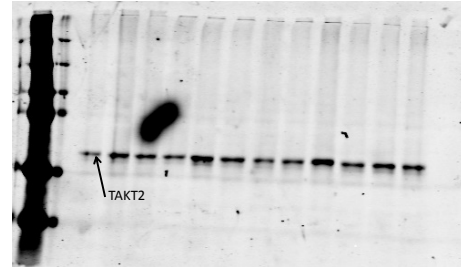


First band excluded to match sample number

Figures 4B and 4D
Males Total AKT2



Figures 4B and 4D
Females Total AKT2



First band excluded to match sample number

Figures 4B and 4D
Males ACTB



Figures 4B and 4D
Females ACTB



Figure 4E
Males p(T308) AKT

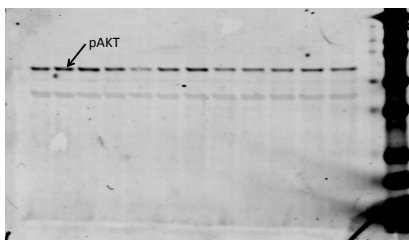


Figure 4E
Males Total AKT and ACTB

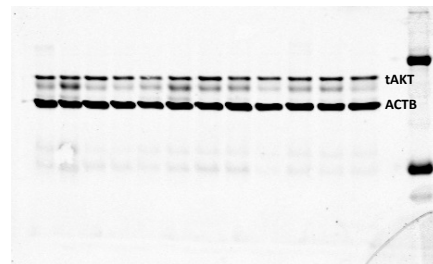


Figure 4E
Females p(T308) AKT

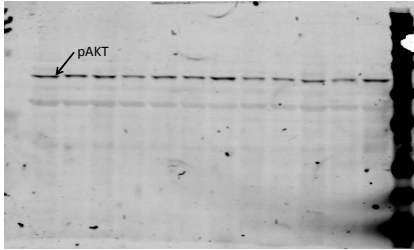


Figure 4E
Males Total AKT and ACTB

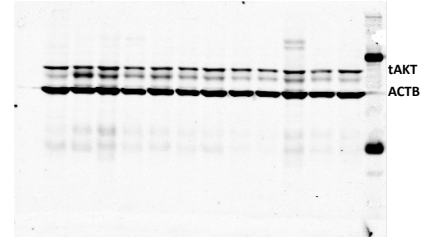


Figure 4F
O-GlcNacylated AKT

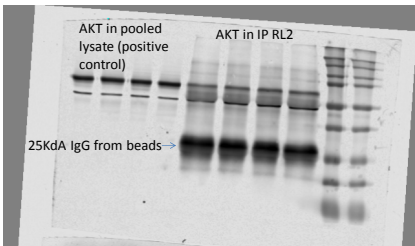


Figure 5A
Males GR α

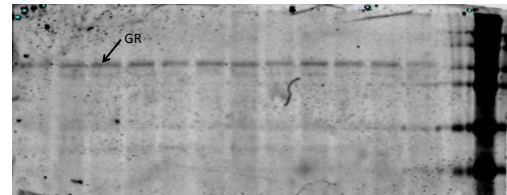


Figure 5A
Males ACTB

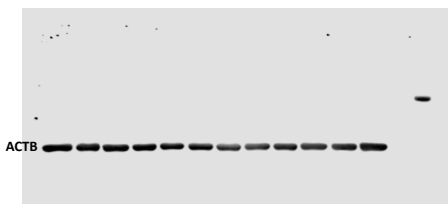


Figure 5B
GR α male and female untreated

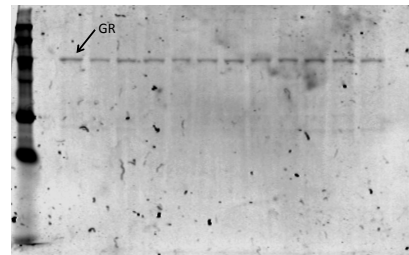


Figure 5B
Male and female untreated ACTB

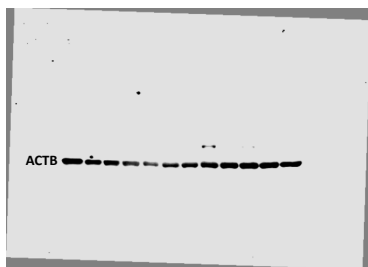


Figure 5C
Males and Females OGT/GR α Immunoprecipitate

