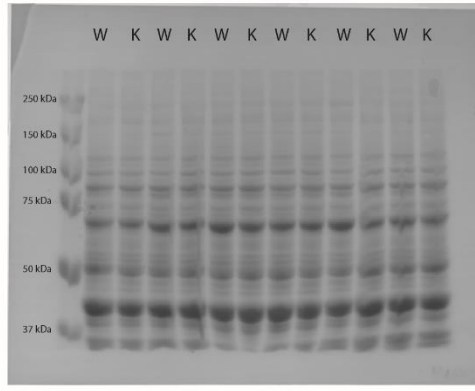
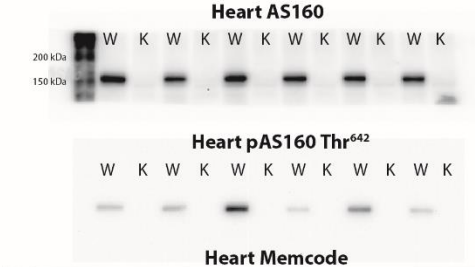
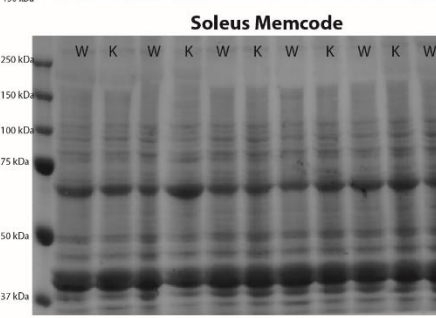
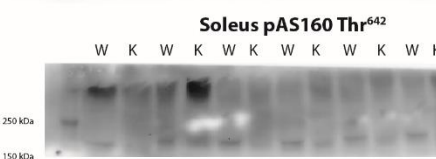
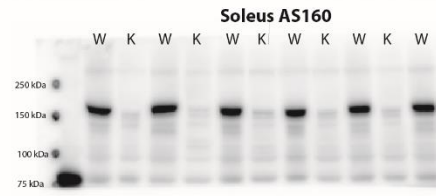
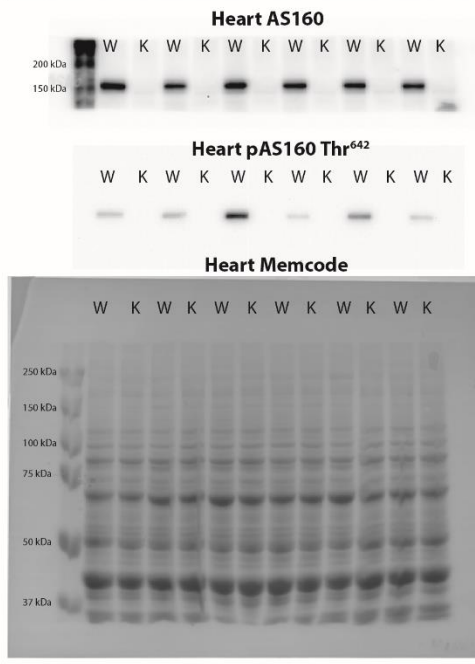
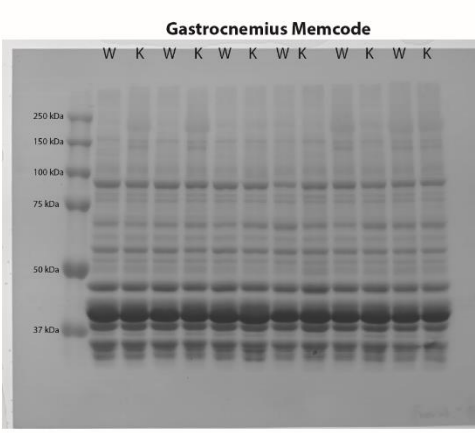
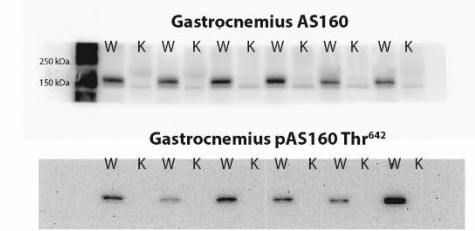
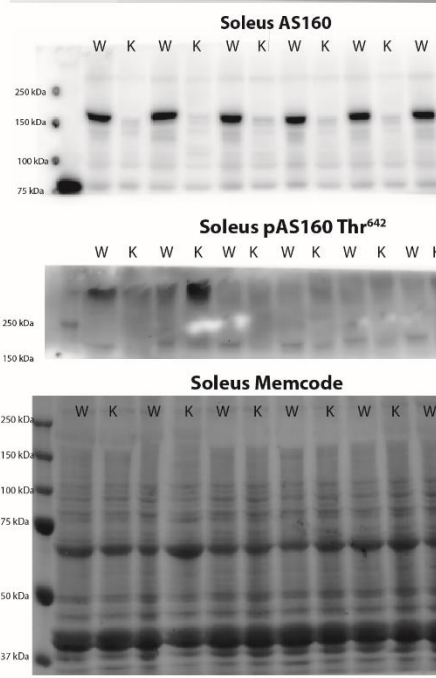
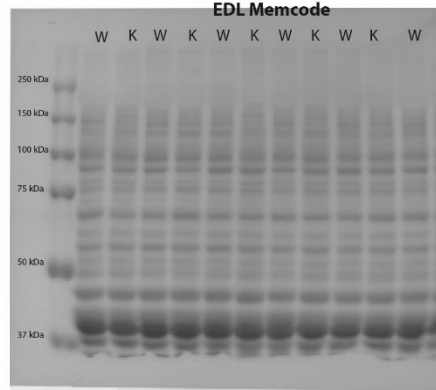
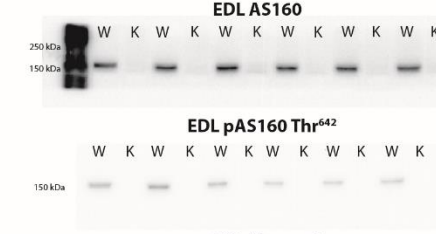
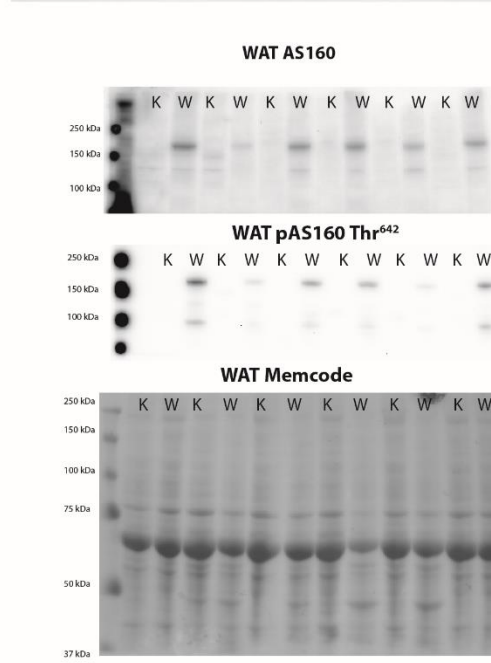
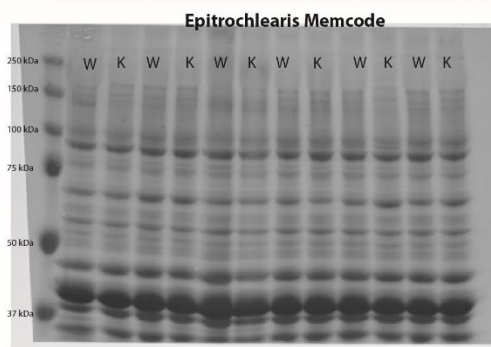
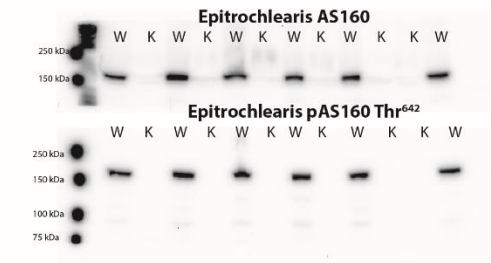
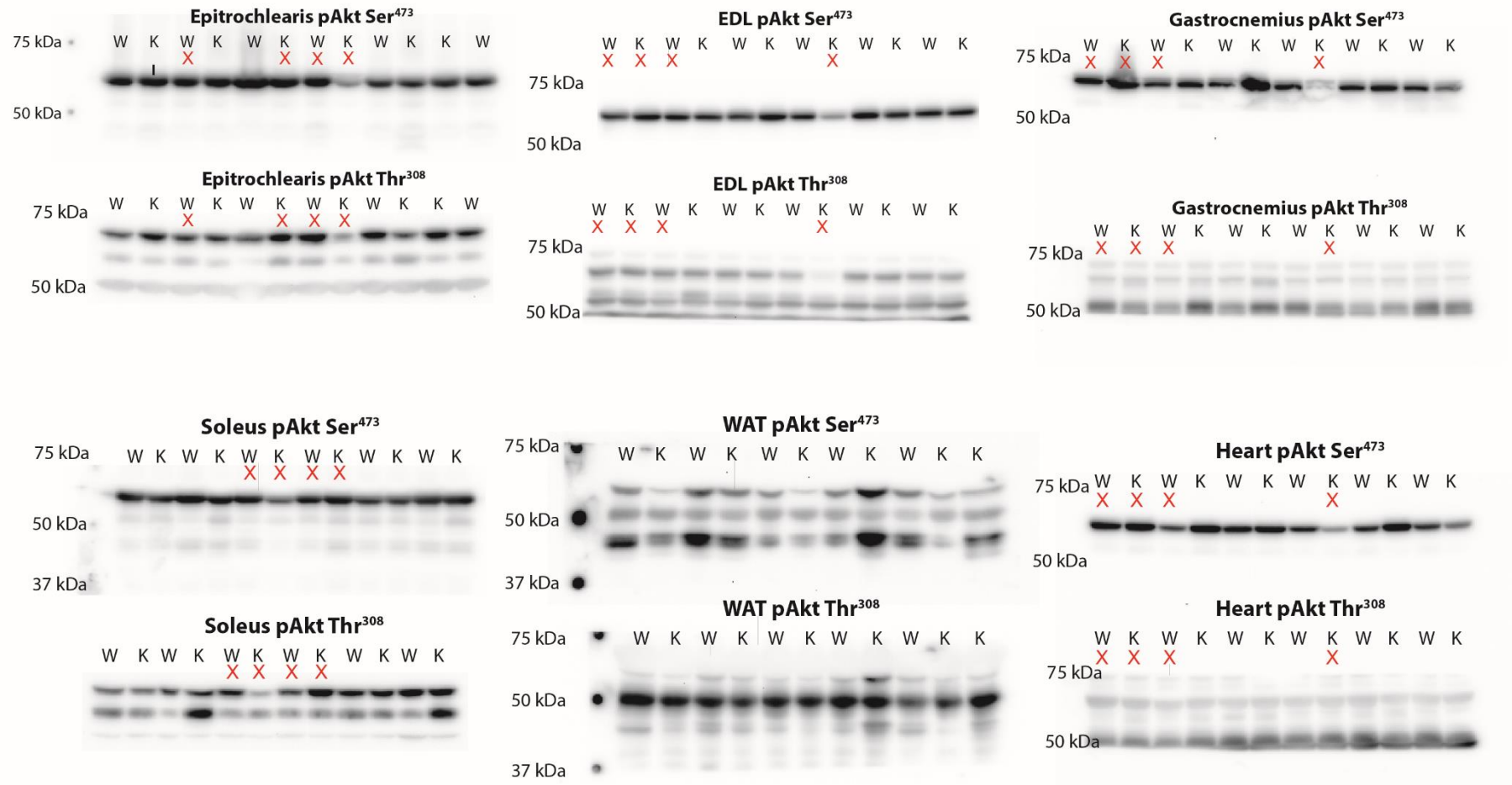


Figure 1



W: wild type
K: AS160 Knock-out
All images were captured using the Chemilluminescence channel by FluorChemE by Proteinsimple

Figure 4 (All samples are from the hyperinsulinemic euglycemic clamp)



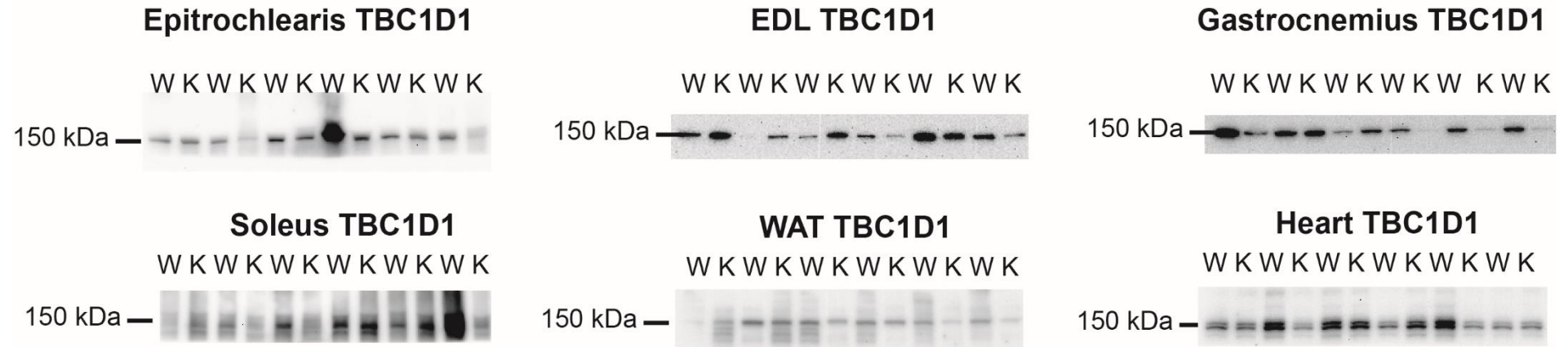
W: wild type

K: AS160 Knock-out

X: value excluded from statistical analysis because of technical problems with the hyperinsulinemic euglycemic clamp

All images were captured using the Chemiluminescence channel by FluorChemE by Proteinsimple

Figure 5 (All samples are from the hyperinsulinemic euglycemic clamp)

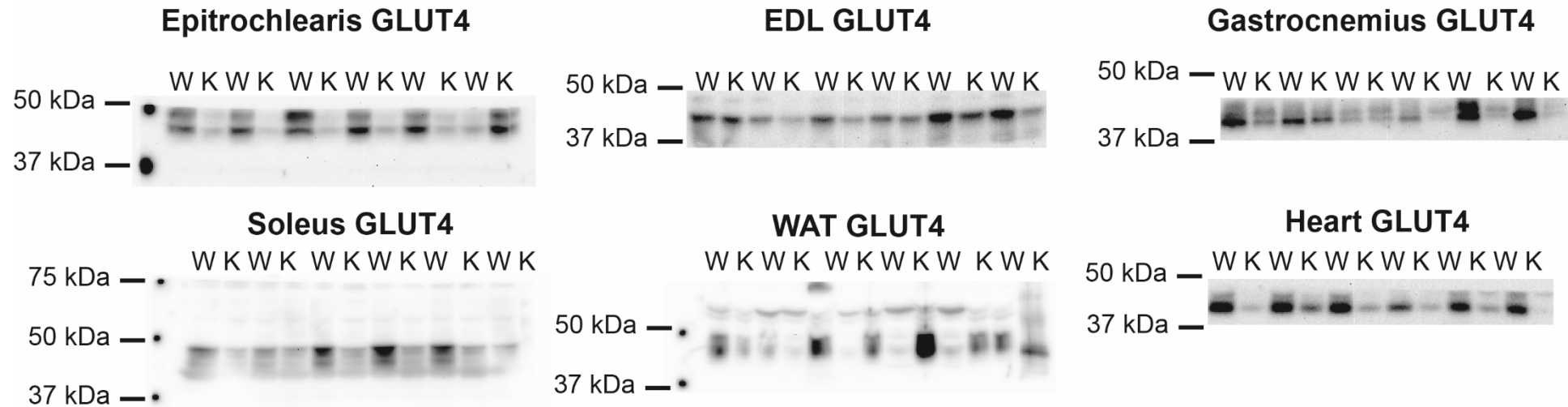


W: wild type

K: AS160 Knock-out

All images were captured using the Chemilluminescence channel by FluorChemE by Proteinsimple

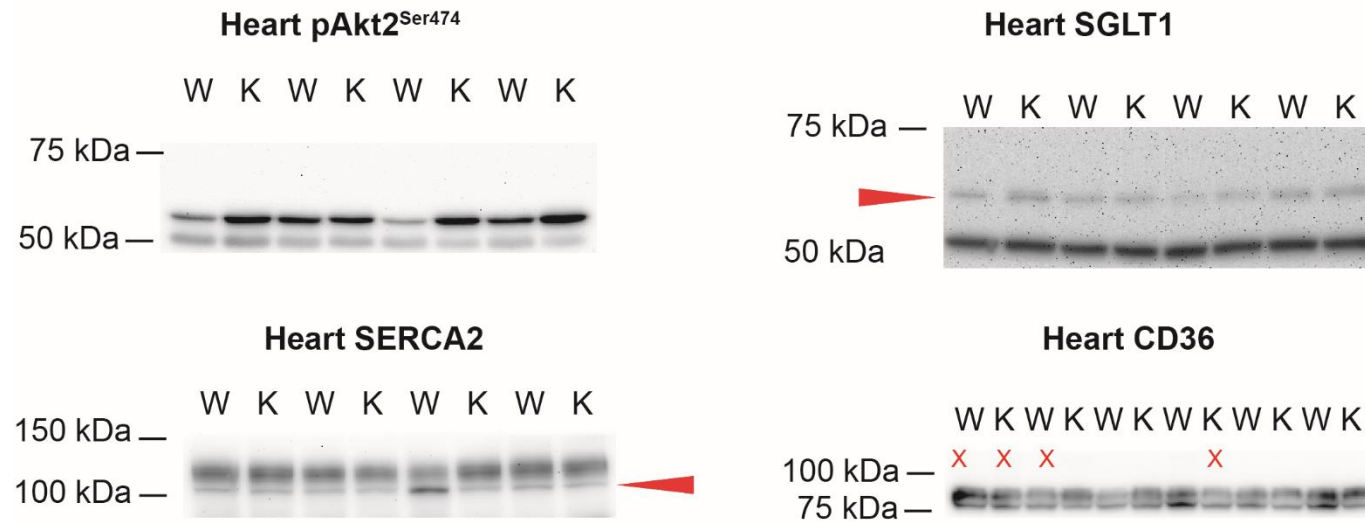
Figure 6 (All samples are from the hyperinsulinemic euglycemic clamp)



W: WT
K: AS160 Knock-out

All images were captured using the Chemilluminescence channel by FluorChemE by Proteinsimple

Figure 7 (All samples are from the hyperinsulinemic euglycemic clamp)



W: wild type

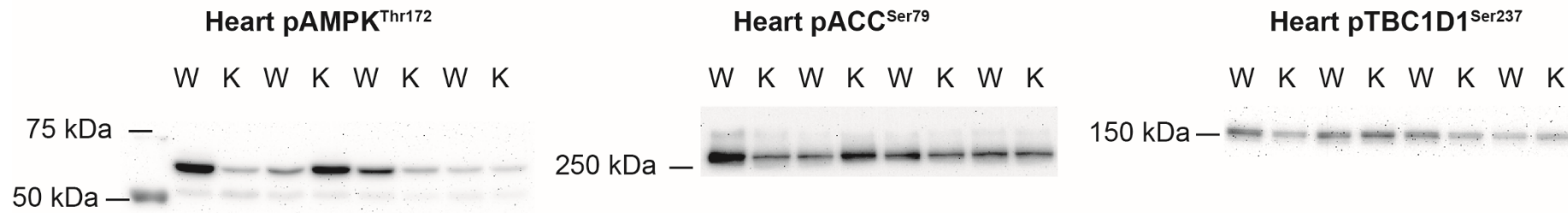
K: AS160 Knock-out

All images were captured under the Chemiluminescence channel by FluorChemE by Proteinsimple

X: value excluded from statistical analysis because of technical problems with the hyperinsulinemic euglycemic clamp

▶ Denotes quantified band at expected molecular weight

Figure 8 (All samples are from the hyperinsulinemic euglycemic clamp)



W: wild type

K: AS160 Knock-out

All images were captured using the Chemilluminescence channel by FluorChemE by Proteinsimple

Figure 9 (All samples are from the hyperinsulinemic euglycemic clamp)

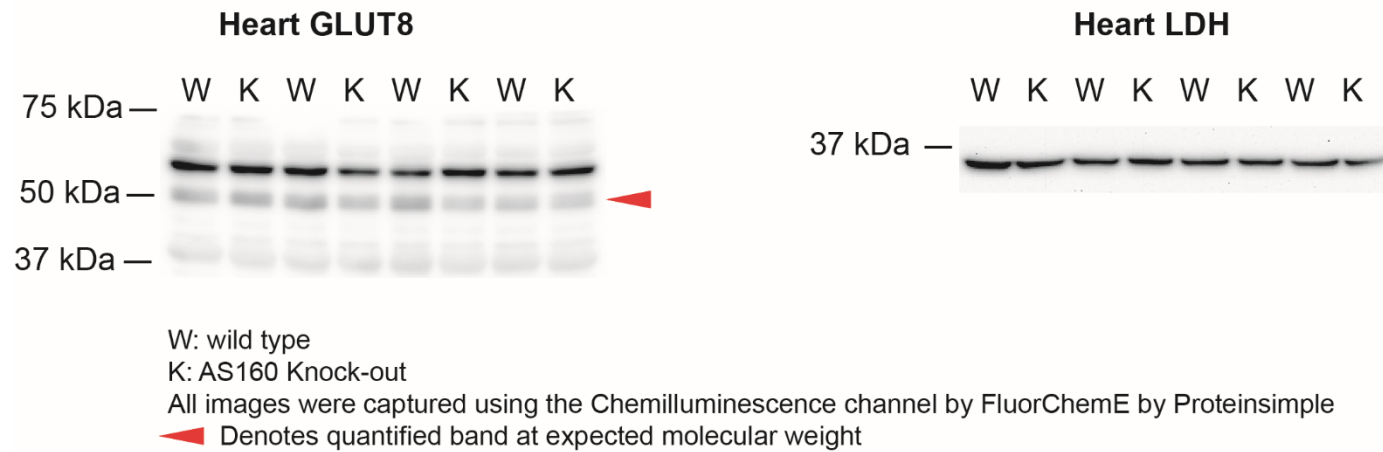
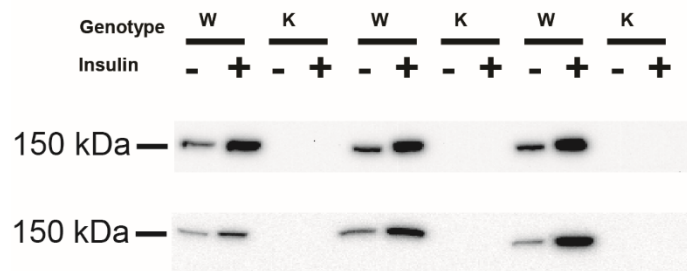
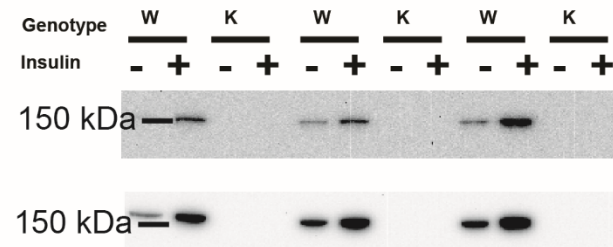


Figure 11

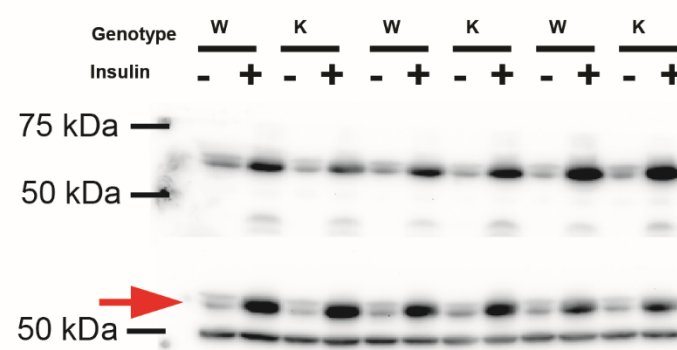
A Ex Vivo pAS160 Thr⁶⁴² ± Insulin



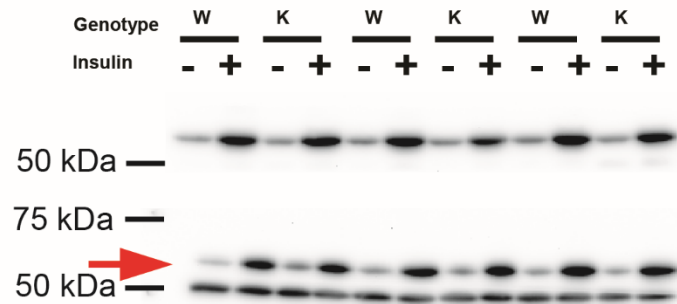
B Ex Vivo pAS160 Thr⁶⁴² ± Insulin



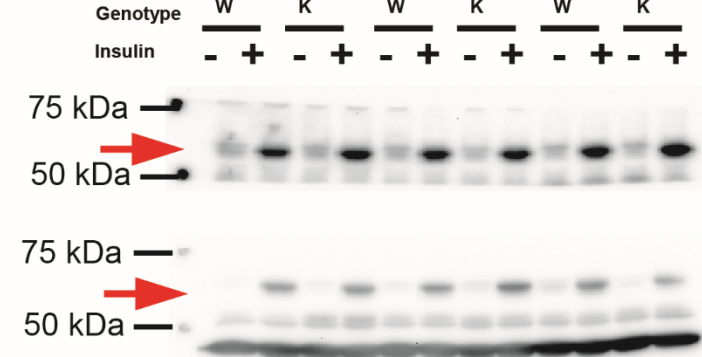
C Ex Vivo pAkt Ser⁴⁷³ ± Insulin



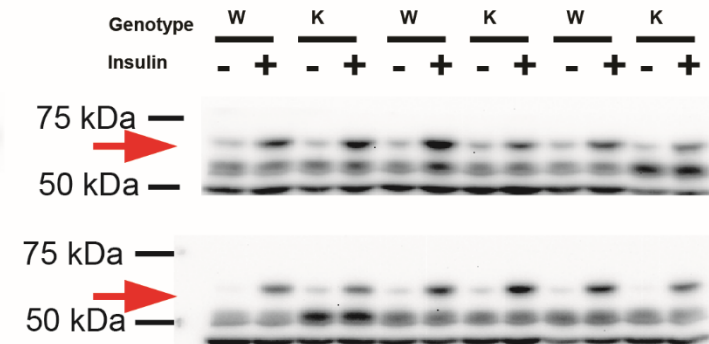
D Ex Vivo pAkt Ser⁴⁷³ ± Insulin



E Ex Vivo pAkt Thr³⁰⁸ ± Insulin



F Ex Vivo pAkt Thr³⁰⁸ ± Insulin



W: wild type

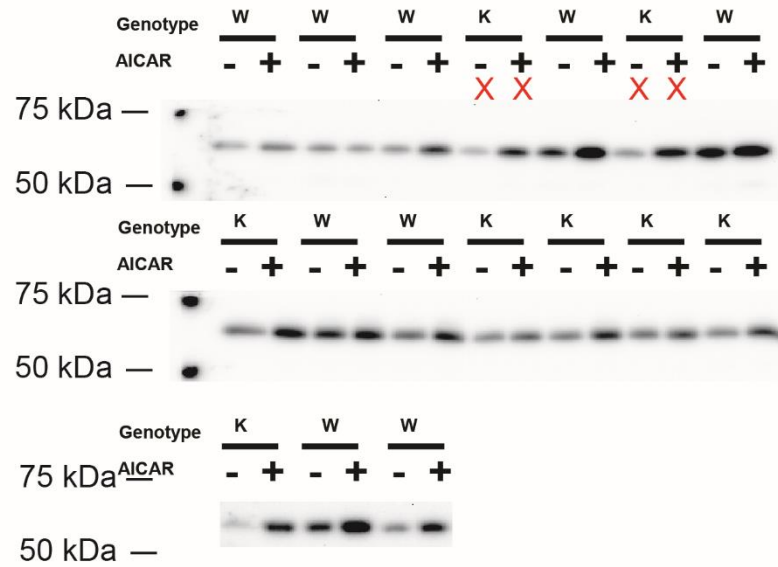
K: AS160 Knock-out

All images were captured using the Chemiluminescence channel by FluorChemE by Proteinsimple

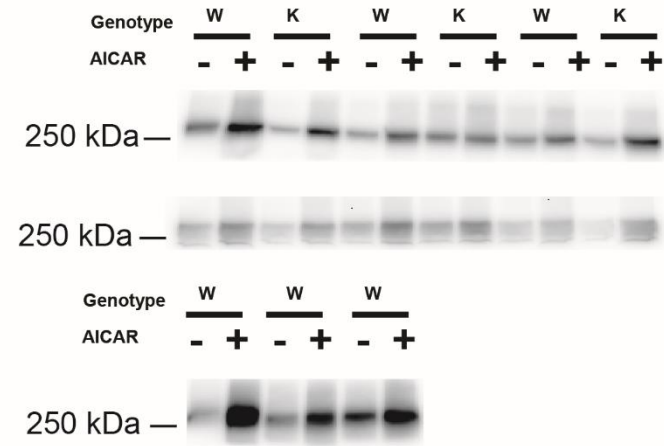
➡ Denotes quantified band at expected molecular weight

Figure 12

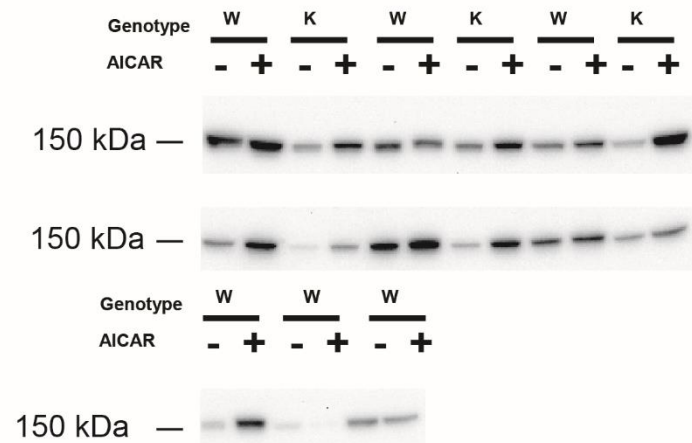
B Epitrochlearis Ex Vivo pAMPK Thr¹⁷² ± AICAR



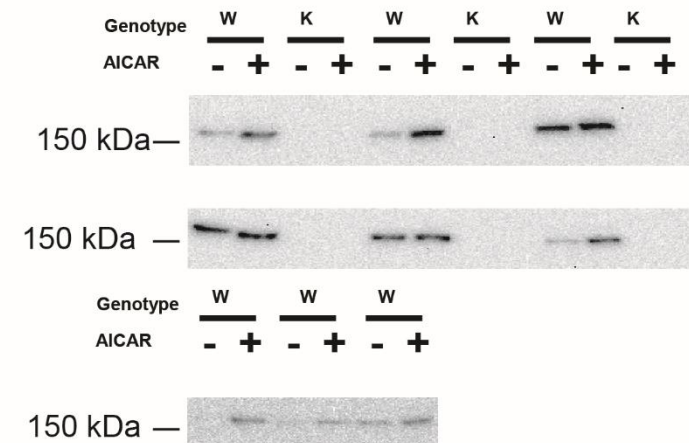
C Epitrochlearis Ex Vivo pACC Ser⁷⁹ ± AICAR



D Epitrochlearis Ex Vivo pTBC1D1 Ser²³⁷ ± AICAR



E Epitrochlearis Ex Vivo pAS160 Thr⁶⁴² ± AICAR



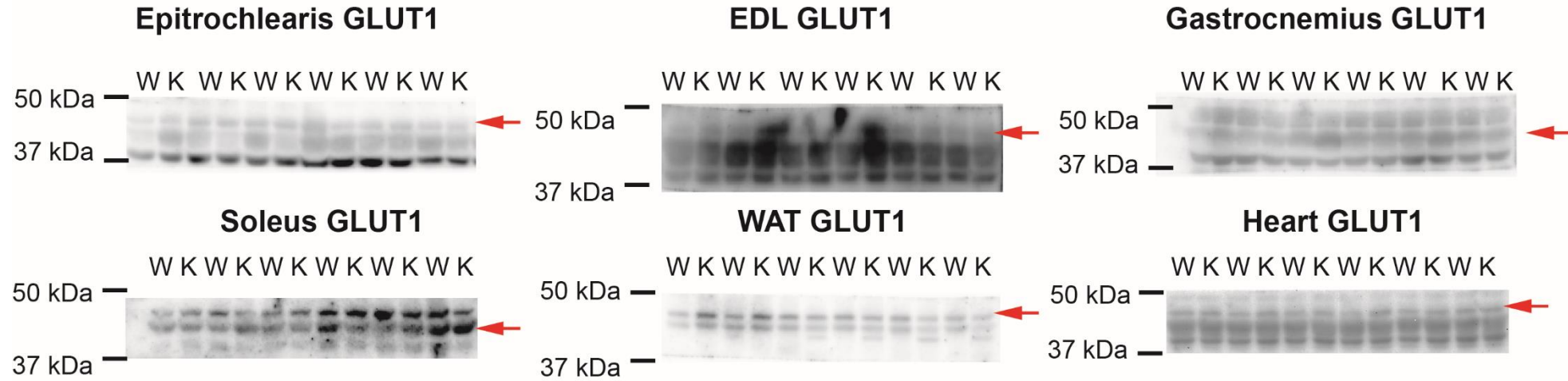
W: wild type

K: AS160 Knock-out

X: value excluded because the sample was from a male rat

All images were captured using the Chemiluminescence channel by FluorChemE by Proteinsimple

S1(All samples are from the hyperinsulinemic euglycemic clamp)



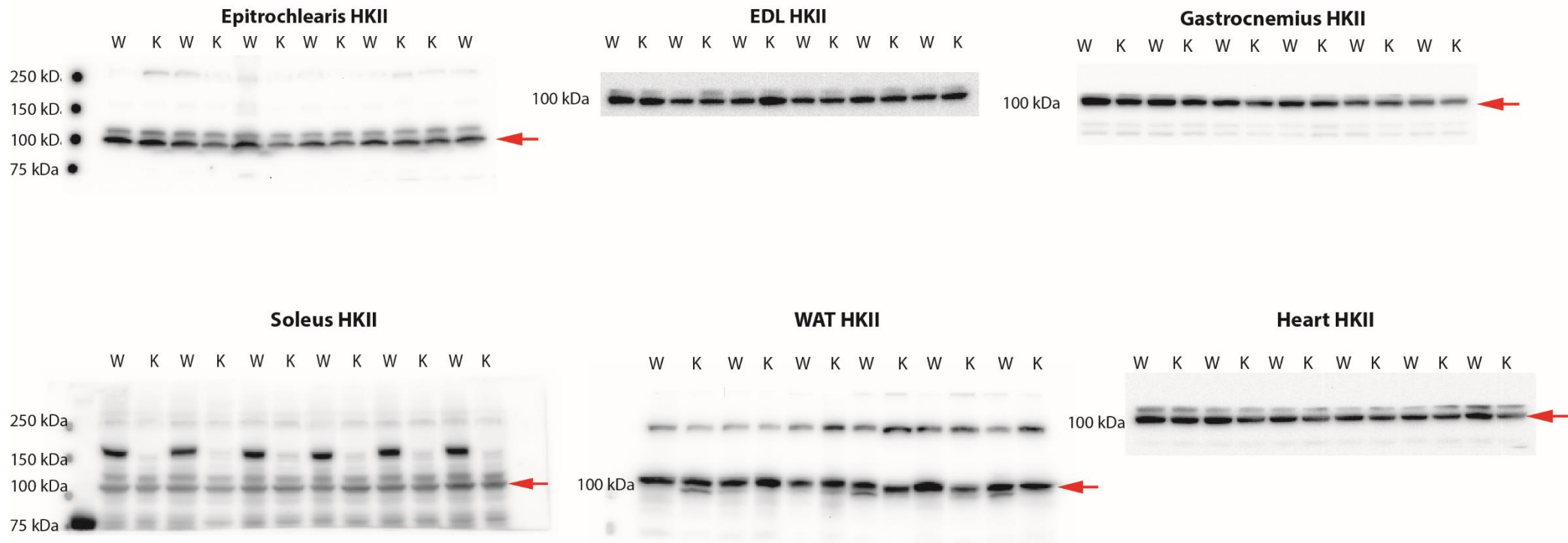
W: wild type

K: AS160 Knock-out

All images were captured using the Chemilluminescence channel by FluorChemE by Proteinsimple

← Denotes quantified band at expected molecular weight

S2 (All samples are from the hyperinsulinemic euglycemic clamp)



W: wild type

K: AS160 Knock-out

All images were captured using the Chemiluminescence channel by FluorChemE by Proteinsimple

← Denotes quantified band at expected molecular weight

S3 (All samples are from the hyperinsulinemic euglycemic clamp)

