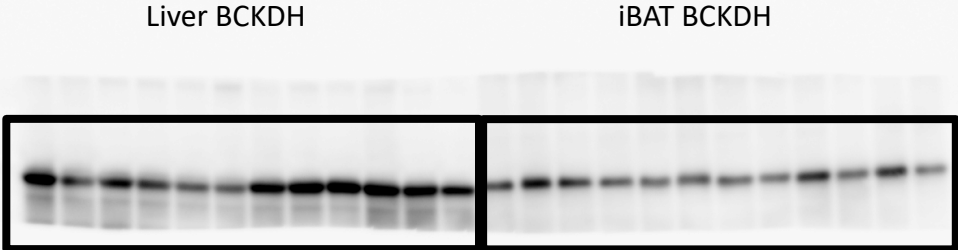
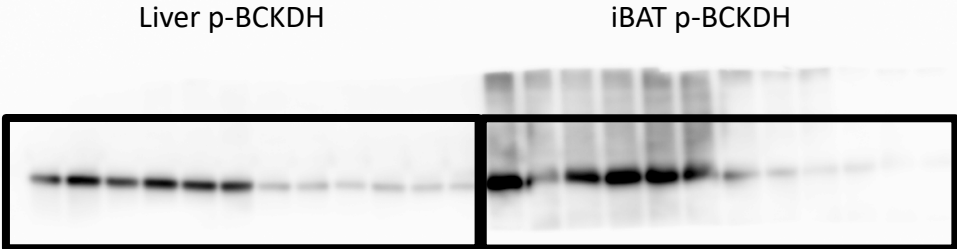
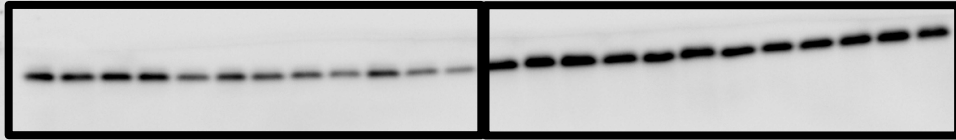


Figure 1a

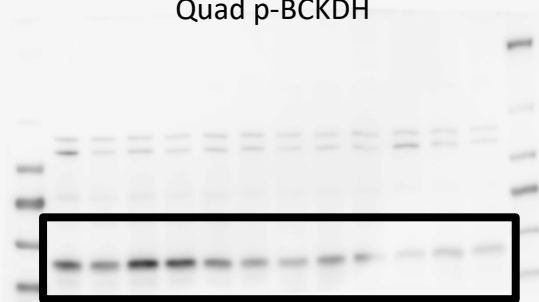


Liver 14-3-3
loading control

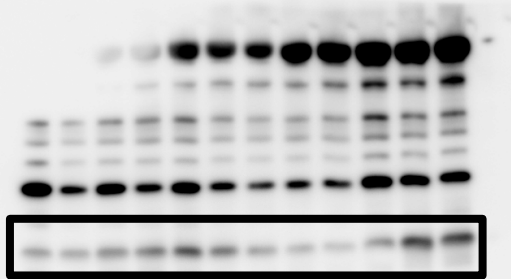
iBAT 14-3-3
loading control



Quad p-BCKDH



Quad BCKDH



Quad 14-3-3
loading control

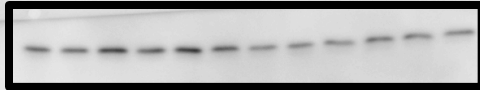
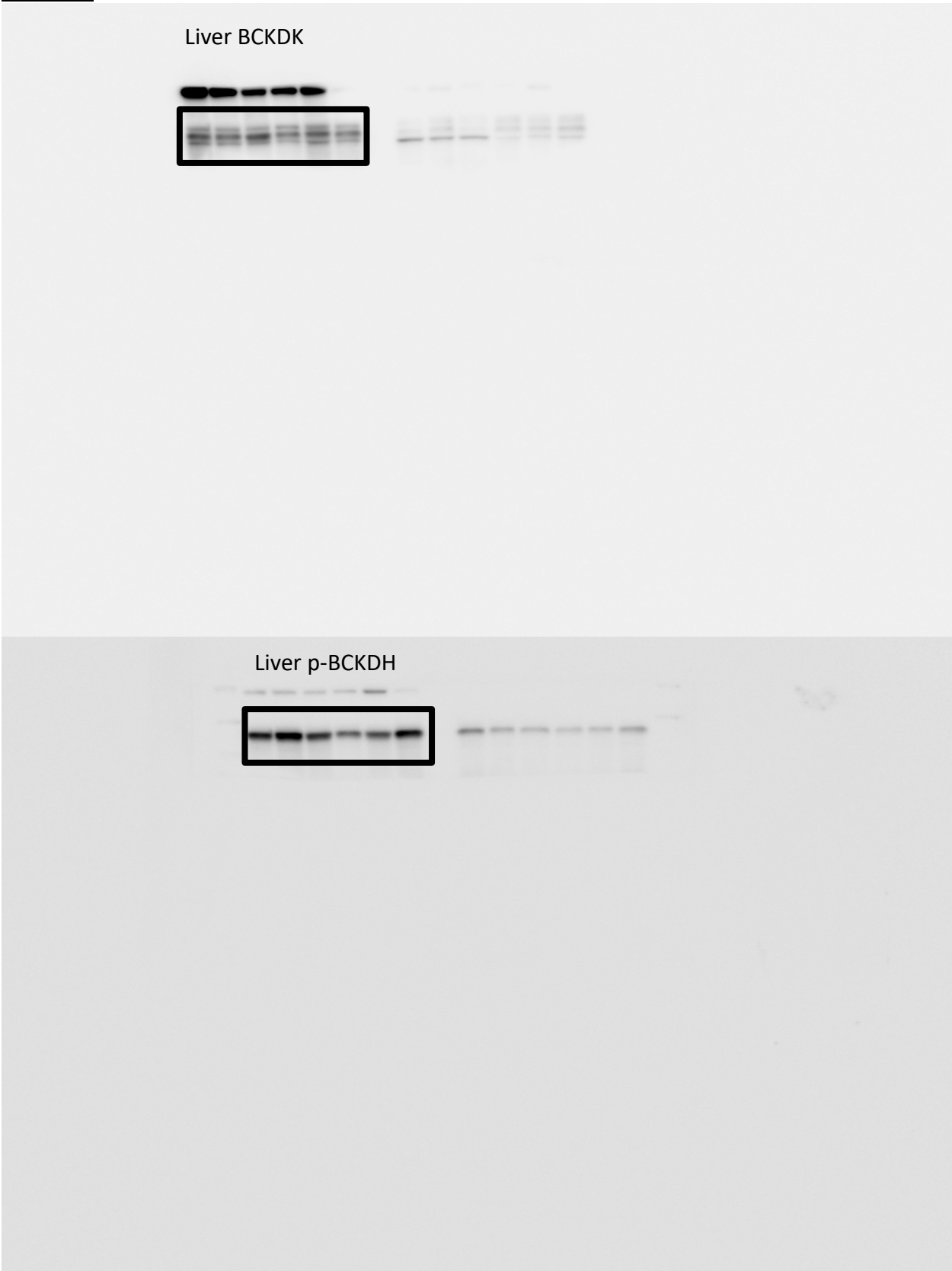


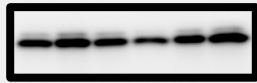
Figure 2a



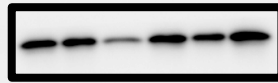
Liver BCKDH



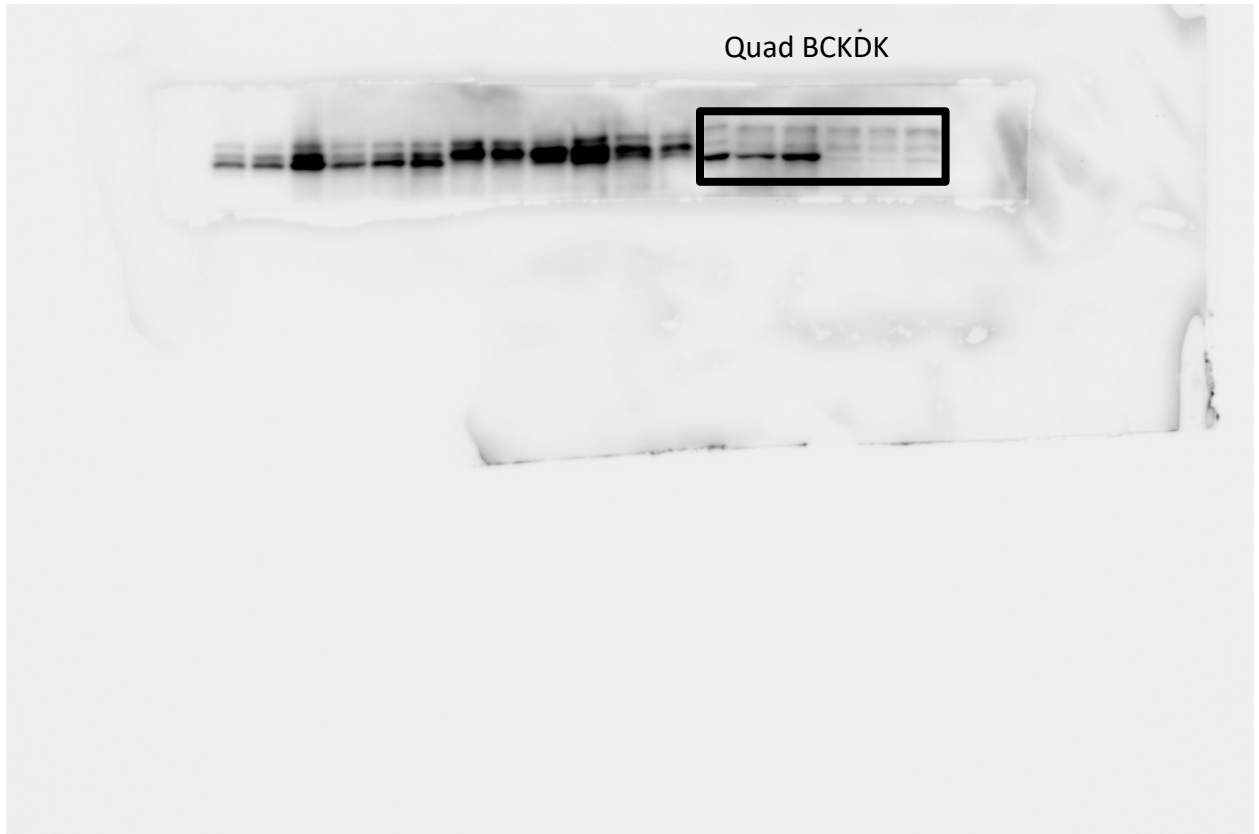
Liver 14-3-3
loading control



Diaphragm 14-3-3
loading control

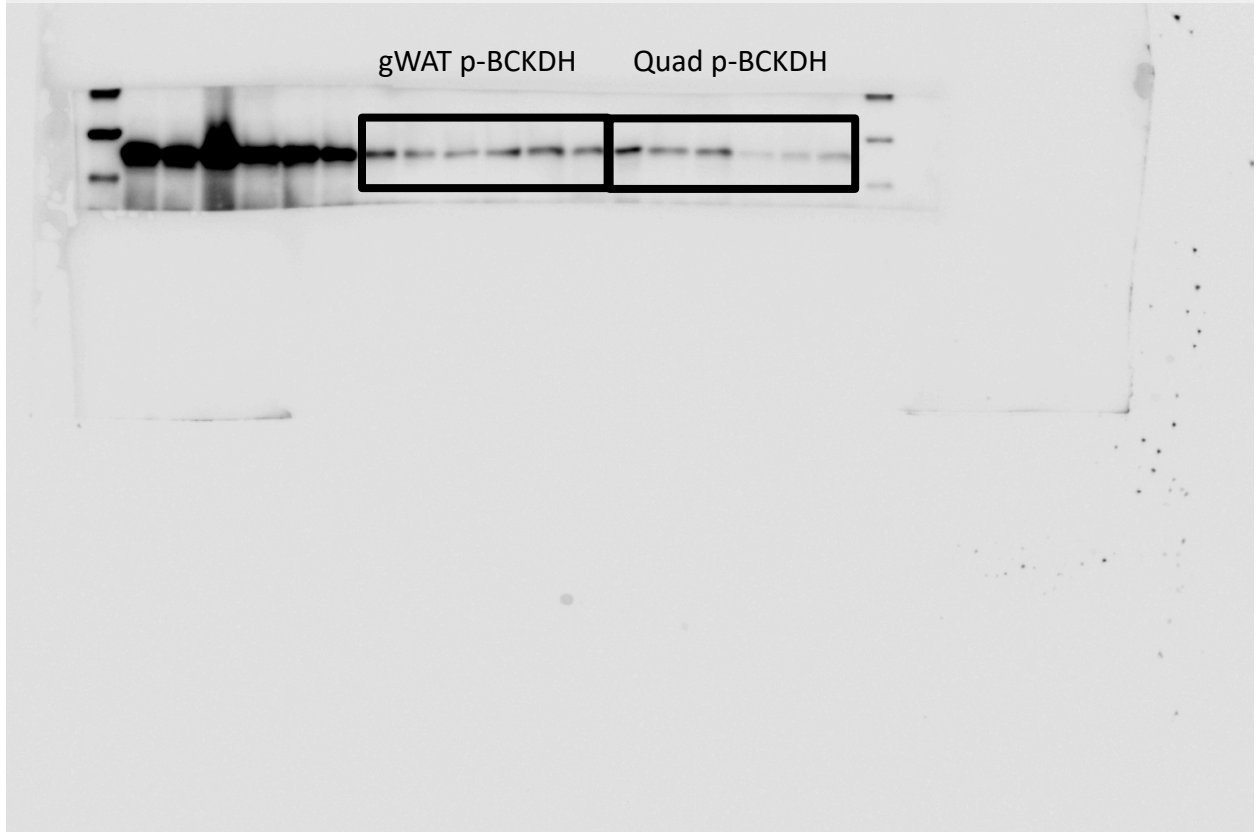


Quad BCKDK



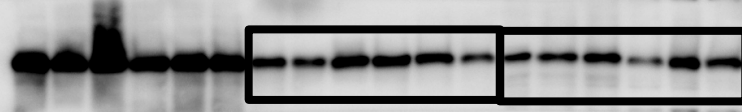
gWAT p-BCKDH

Quad p-BCKDH



gWAT BCKDH

Quad BCKDH

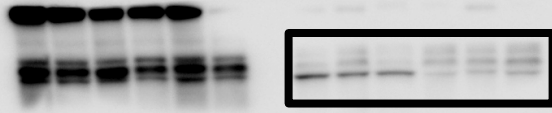


iBAT 14-3-3
loading control

Quad 14-3-3
loading control



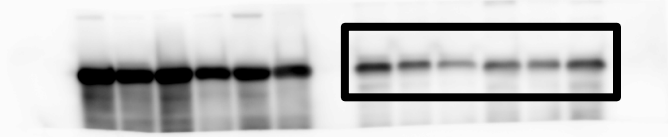
Diaphragm BCKDK



Diaphragm p-BCKDH



Diaphragm BCKDH

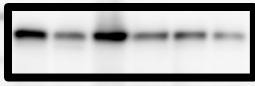


iBAT BCKDK

gWAT BCKDK



iBAT p-BCKDH



iBAT BCKDH



gWAT 14-3-3
loading control

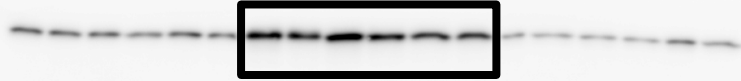


Figure 3o

Liver BCKDK

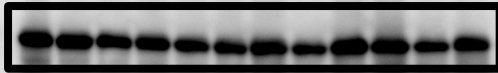


Liver p-BCKDH

Quad p-BCKDH

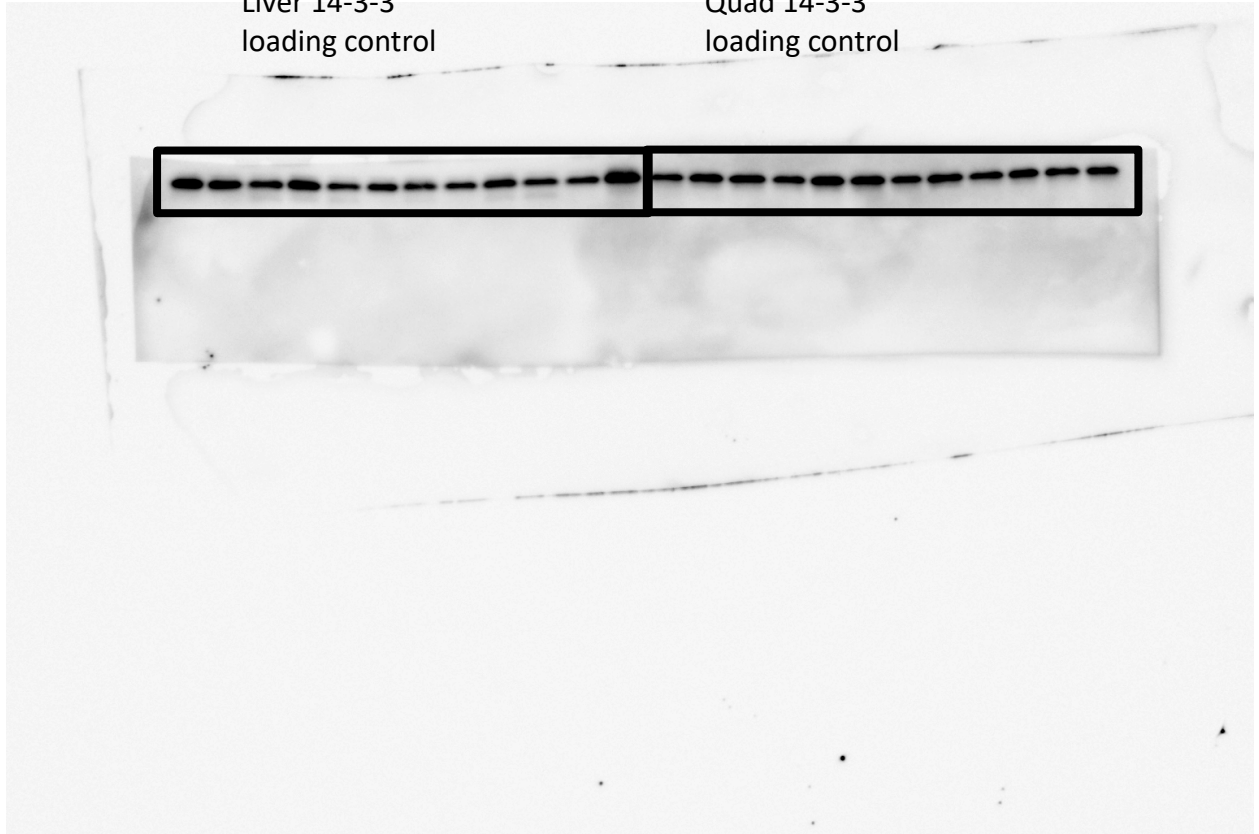


Liver BCKDH

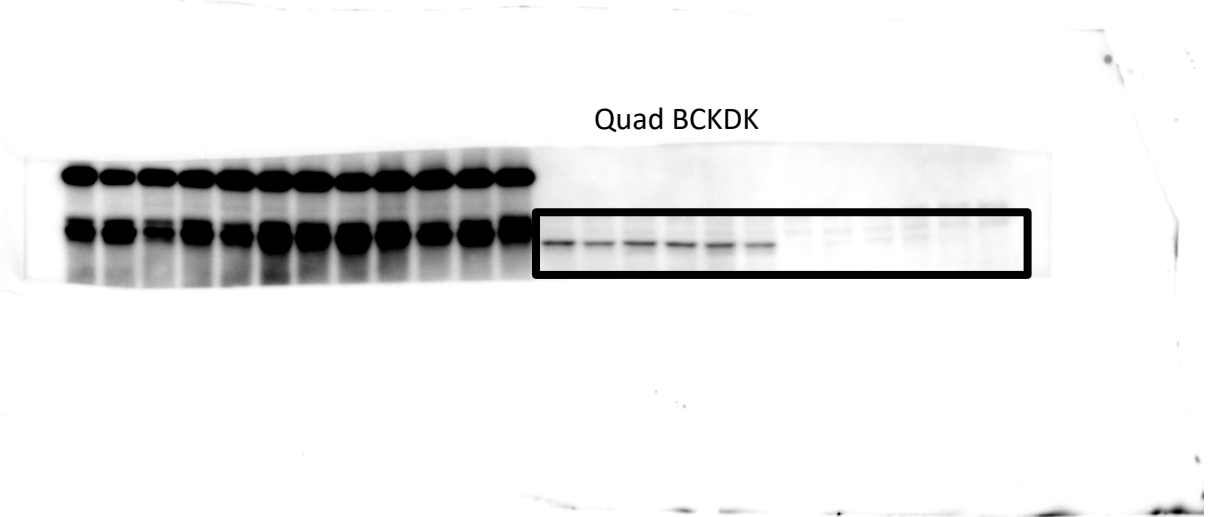


Liver 14-3-3
loading control

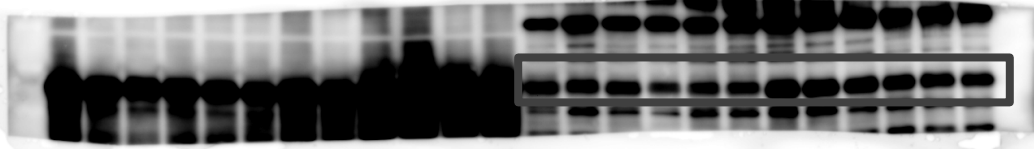
Quad 14-3-3
loading control



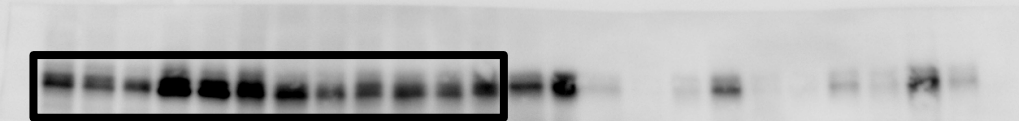
Quad BCKDK



Quad BCKDH



iBAT BCKDK



iBAT p-BCKDH



iBAT BCKDH



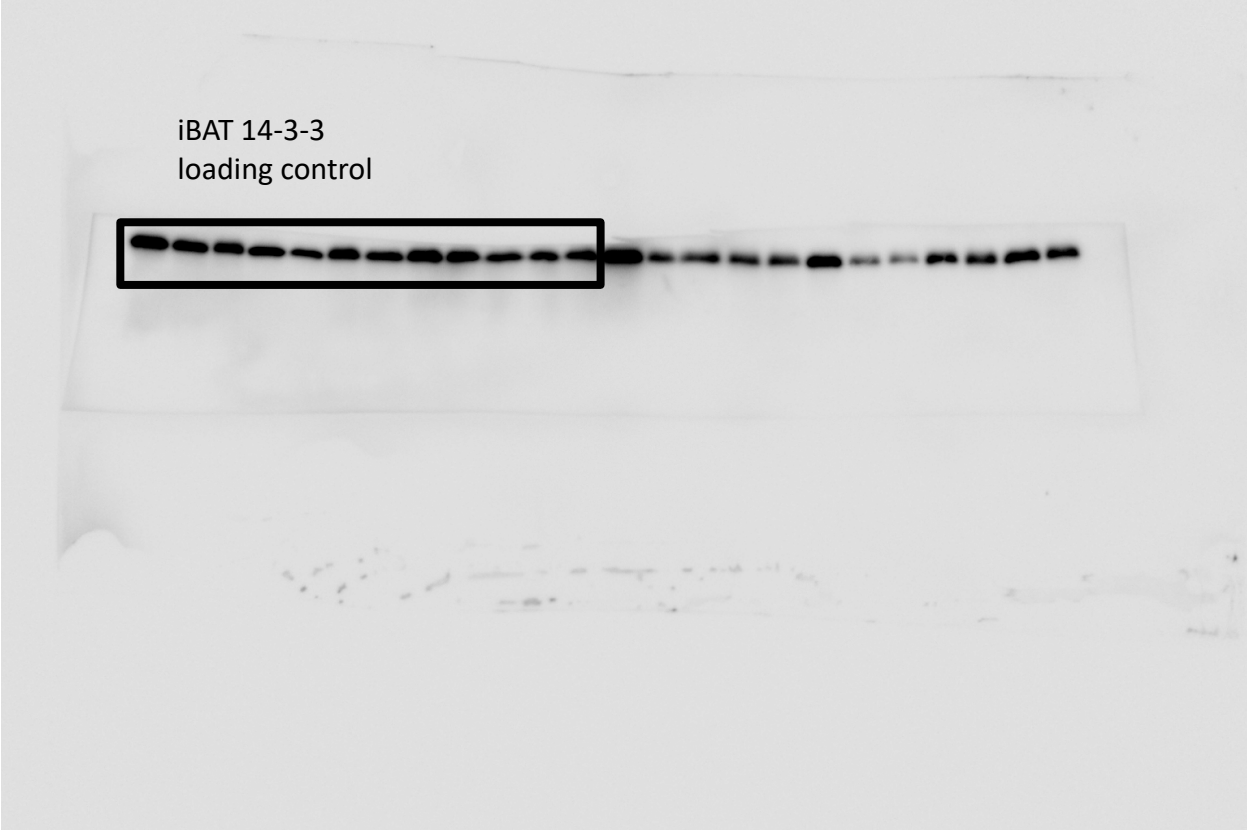
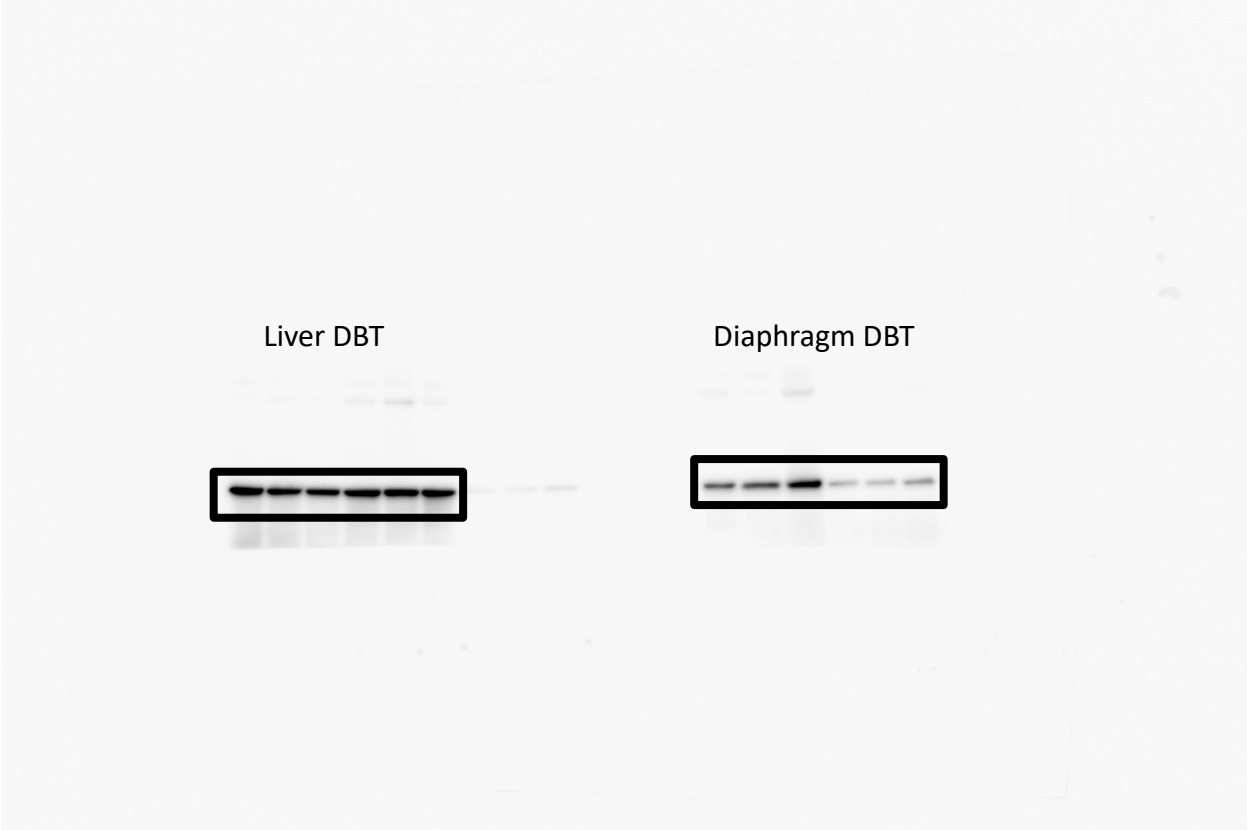
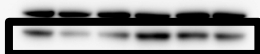


Figure 4a



Liver BCKDH



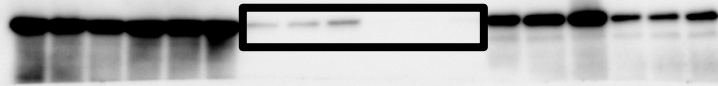
Liver 14-3-3
loading control
for DBT and
BKCDH

Quad 14-3-3
loading control
for DBT

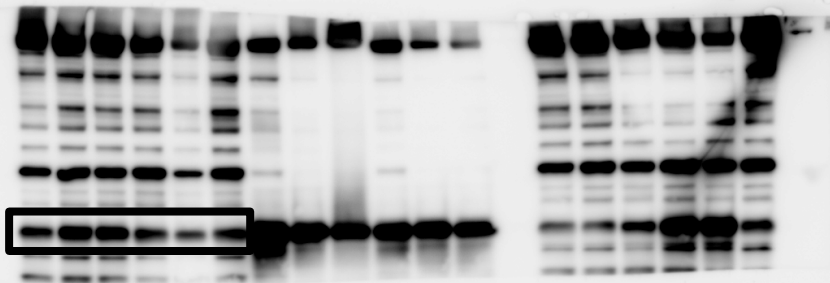
Diaphragm 14-3-3
loading control
for DBT



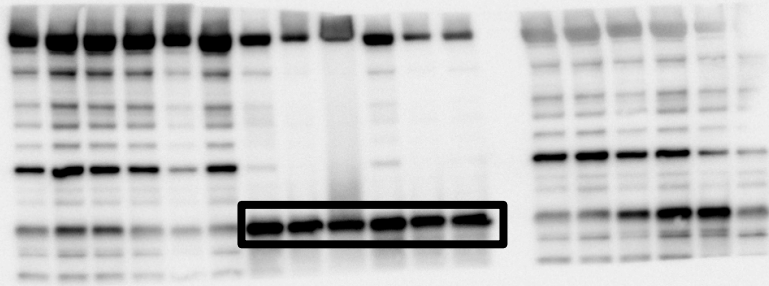
Quad DBT



Quad BCKDH



Diaphragm BCKDH



Quad 14-3-3
for BCKDH

Diaphragm 14-3-3
for BCKDH

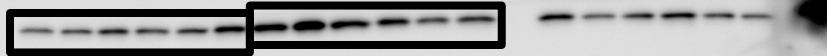
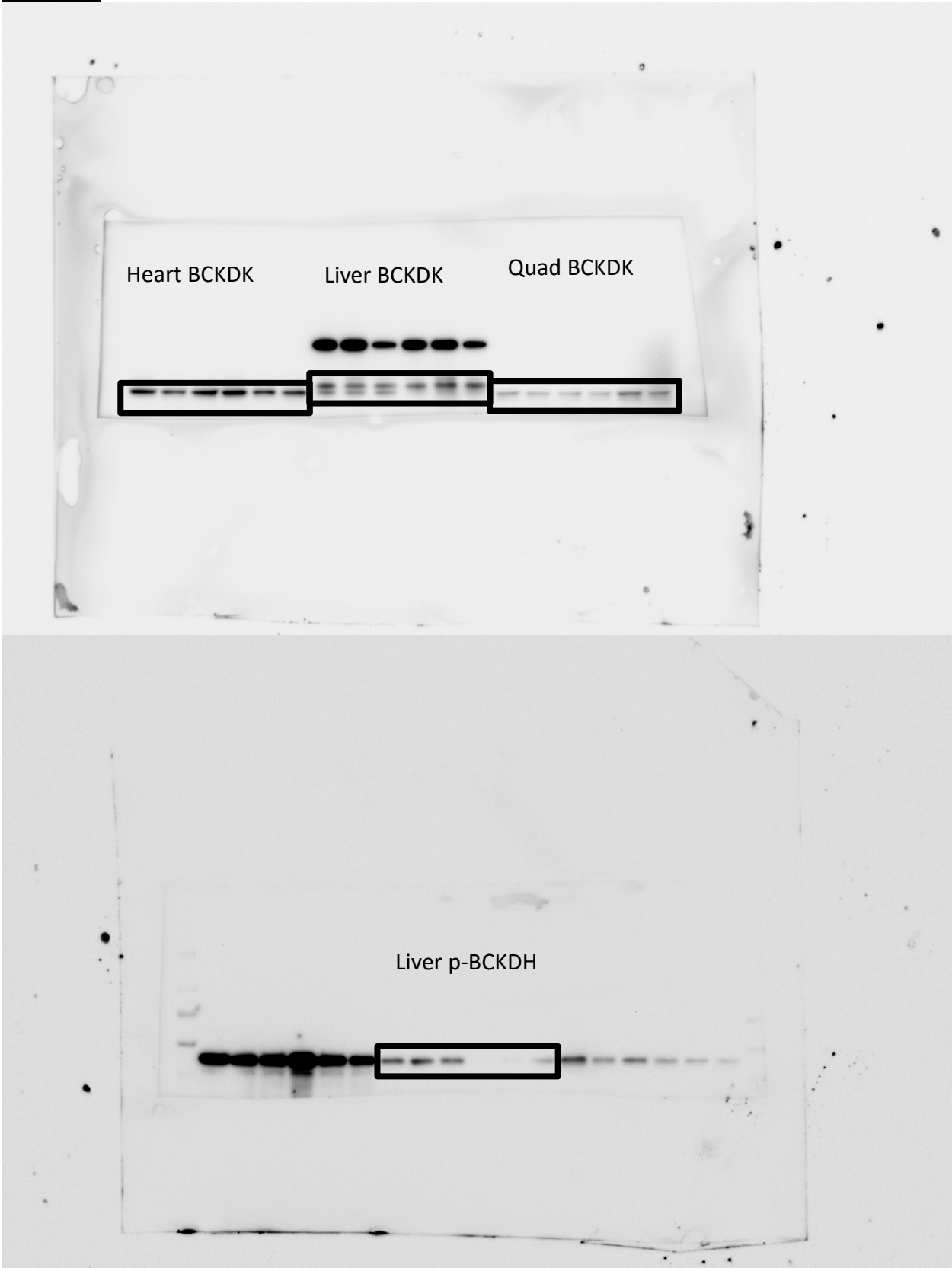


Figure 6a



Liver BCKDH



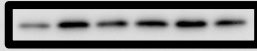
Heart 14-3-3 loading
control for BCKDK
and p-BCKDH

Liver 14-3-3
loading control
for BCKDK

Quad 14-3-3
loading control
for BCKDK



Liver 14-3-3 for
p-BCKDH and
BCKDH



Heart p-BCKDH

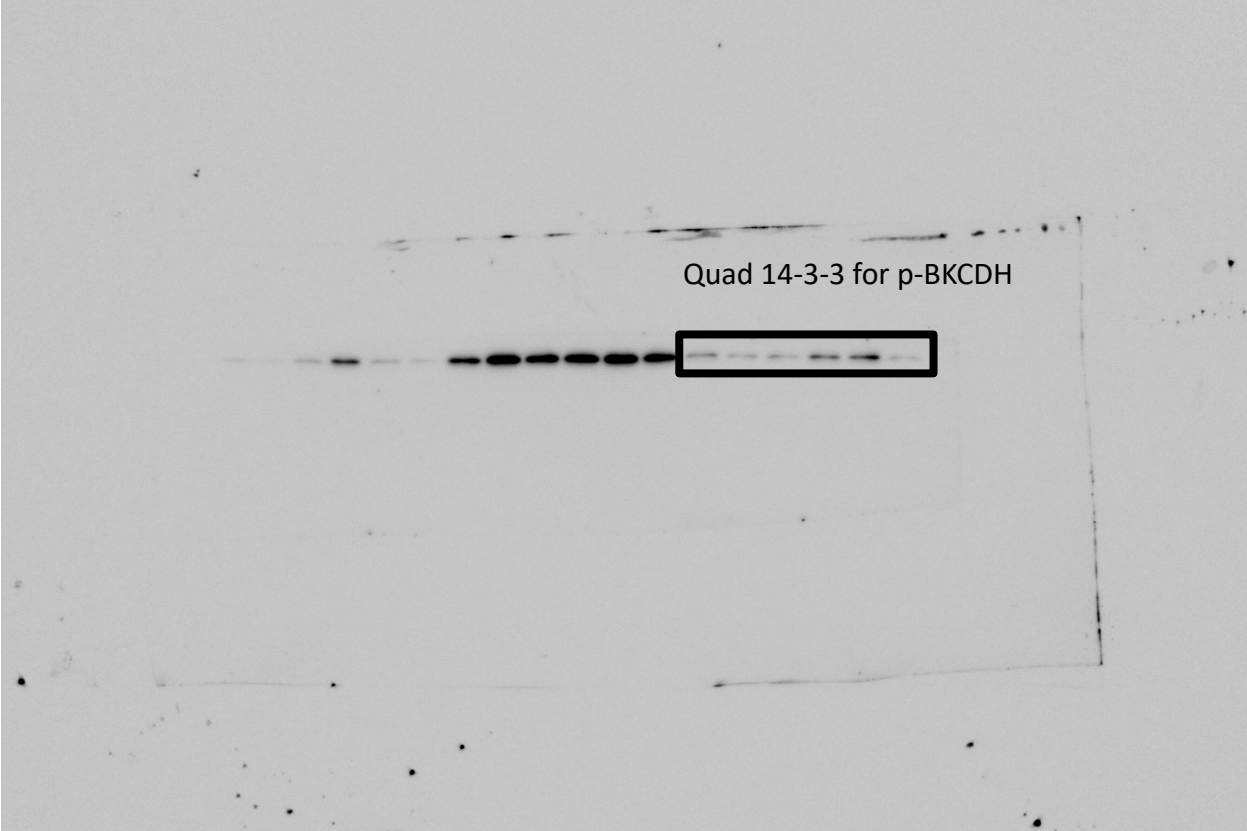
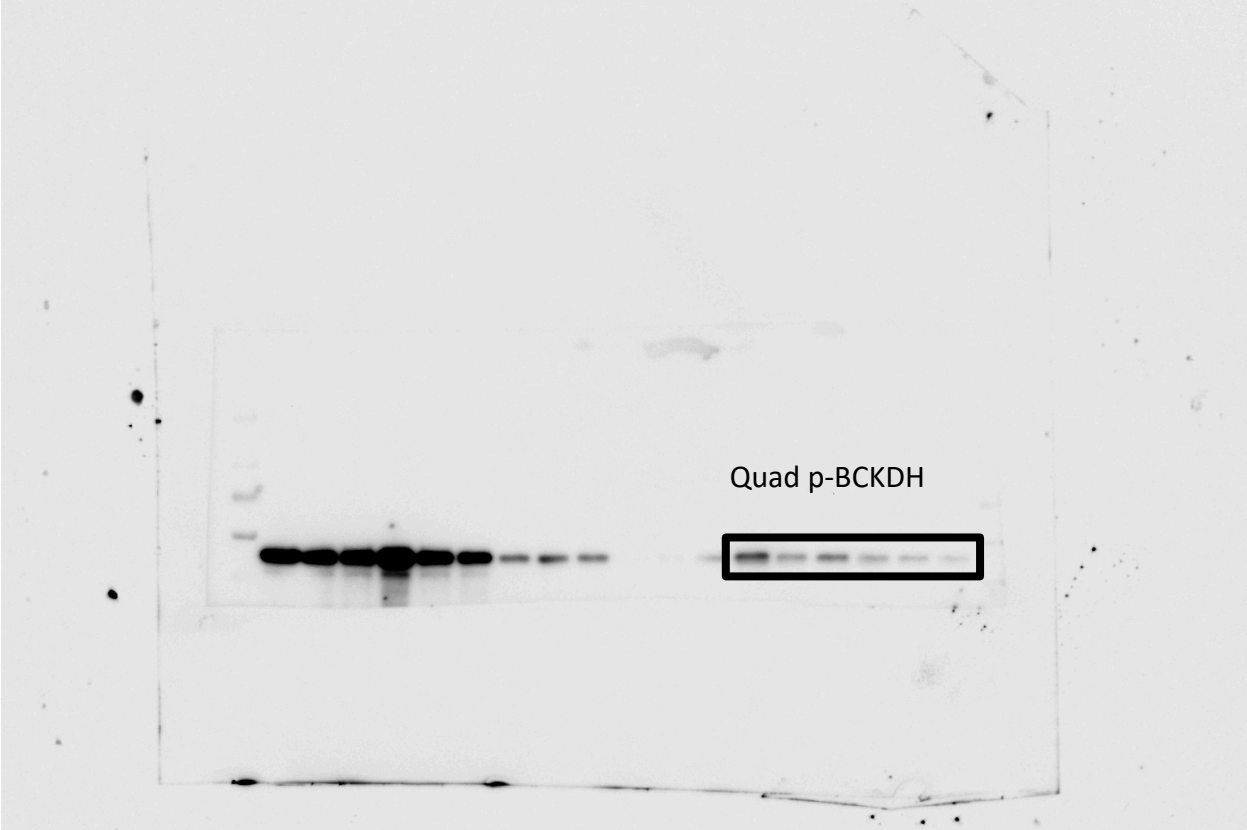


Heart BCKDH

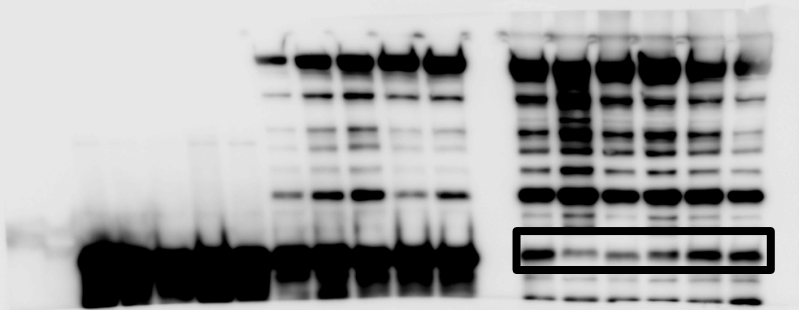


Heart 14-3-3 for
BCKDH





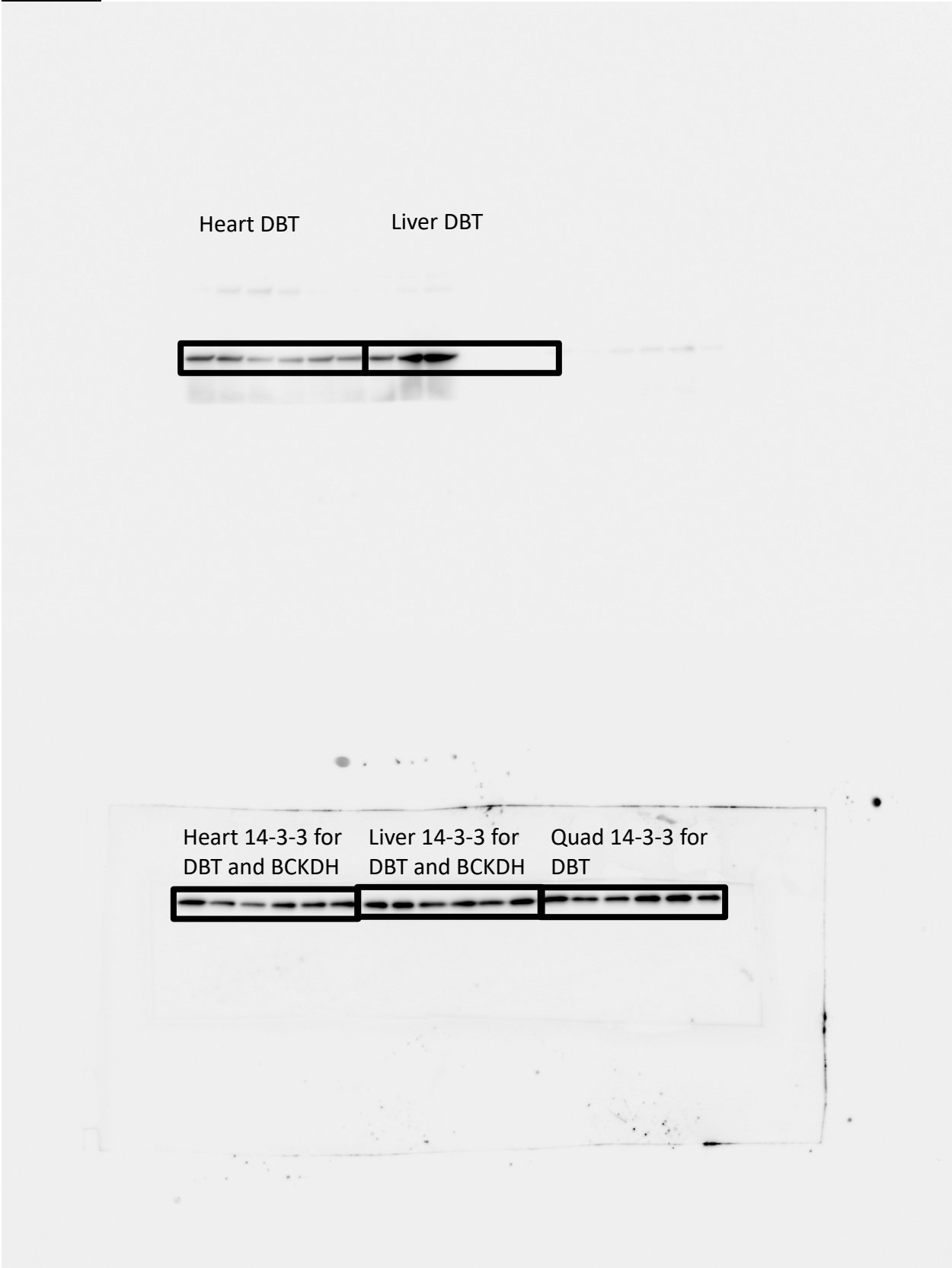
Quad BCKDH



Quad 14-3-3 for BCKDH



Figure 7a



Heart BCKDH

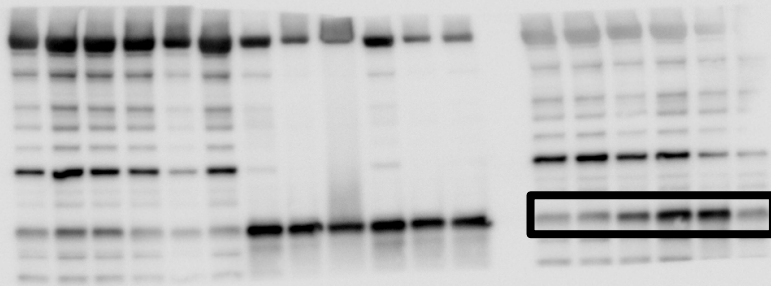
Liver BCKDH



Quad DBT



Quad BCKDH



Quad 14-3-3 for
BCKDH

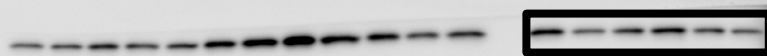
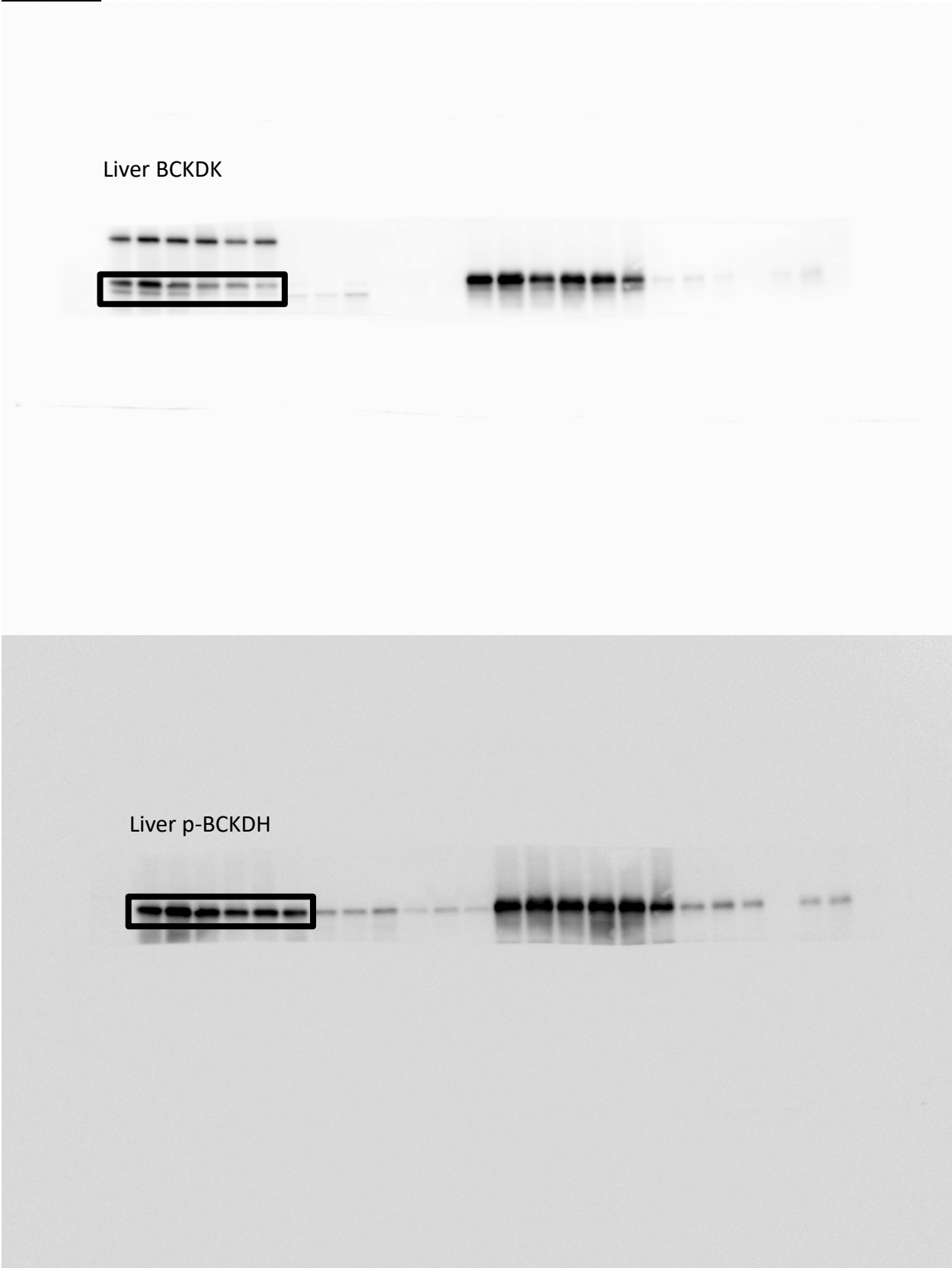
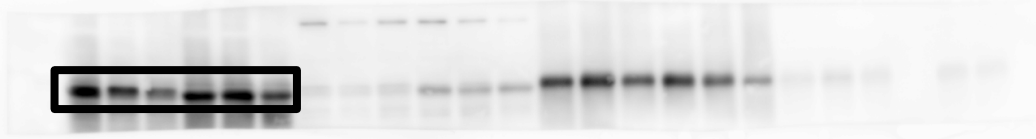


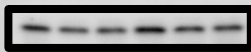
Figure 8a



Liver BCKDH



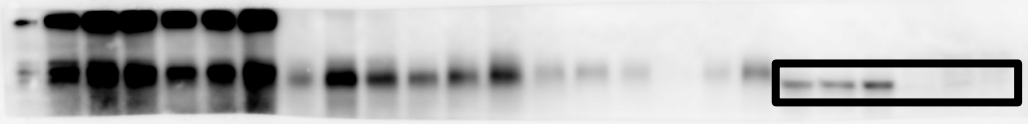
Liver 14-3-3 loading
control for BCKDK,
p-BCKDH and
BCKDH



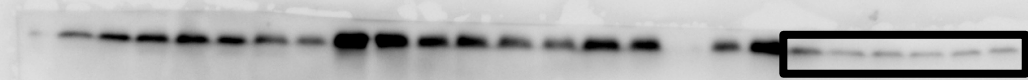
iBAT 14-3-3 loading
control for BCKDK,
p-BCKDH and
BCKDH



Quad BCKDK



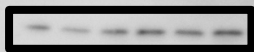
Quad 14-3-3
loading control for
BCKDK



Quad p-BCKDH

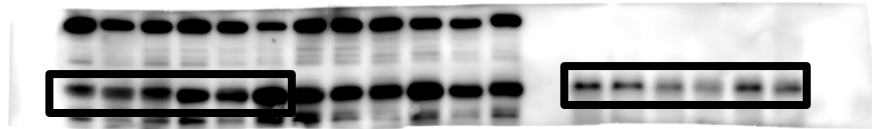


Quad 14-3-3
loading control for
p-BCKDH and
BCKDH



Quad BCKDH

gWAT BCKDH



iBAT BCKDK

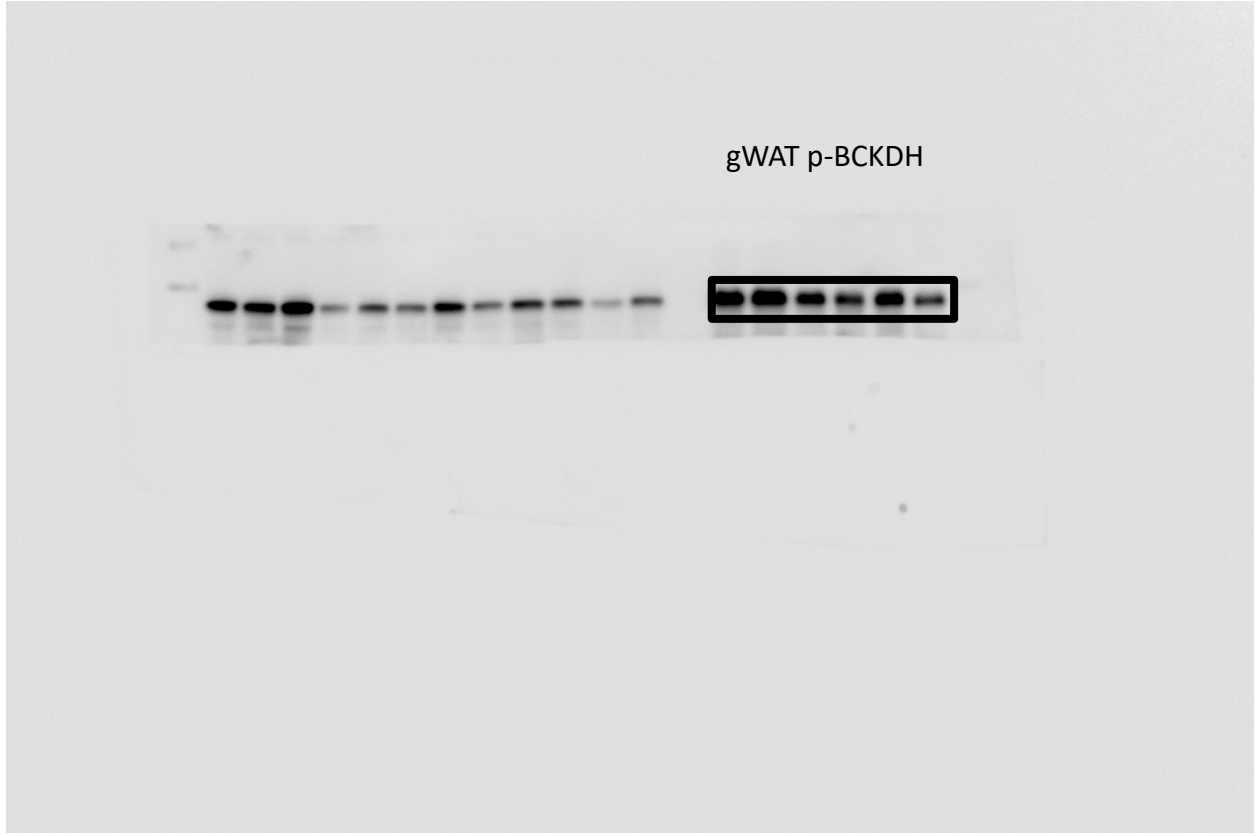


iBAT p-BCKDH



iBAT BCKDH



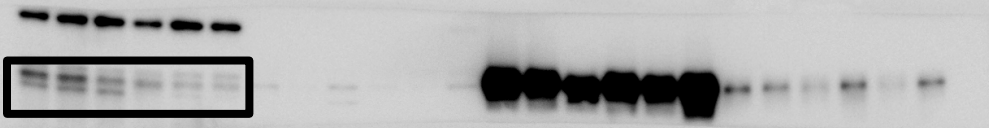


gWAT 14-3-3
loading control for
BCKDK, p-BCKDH,
and BKCDH

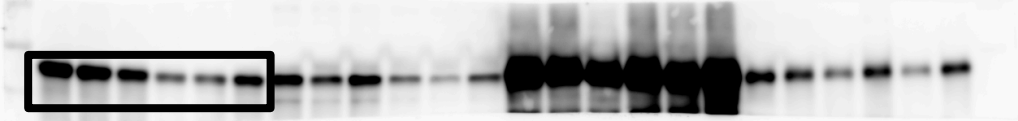


Figure 8f

Liver BCKDK



Liver p-BCKDH



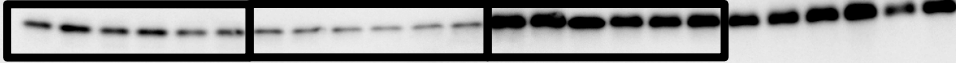
Liver BCKDH



Liver 14-3-3 loading
control for BCKDK,
p-BCKDH, and
BCKDH

Quad 14-3-3
loading control for
p-BCKDH

iBAT 14-3-3 loading
control for BCKDK,
p-BCKDH, and
BCKDH



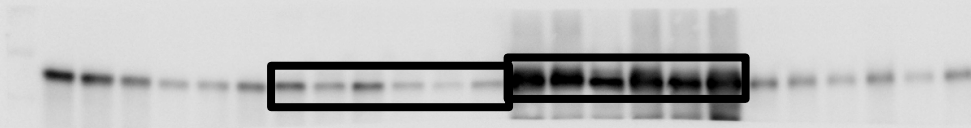
Quad BCKDK



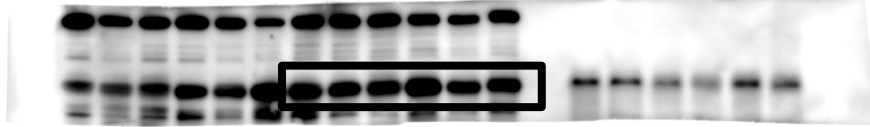
Quad 14-3-3
loading control for
BCKDK



Quad p-BCKDH iBAT p-BCKDH

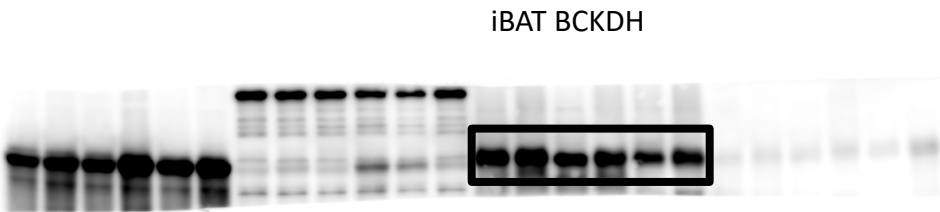


Quad BCKDH

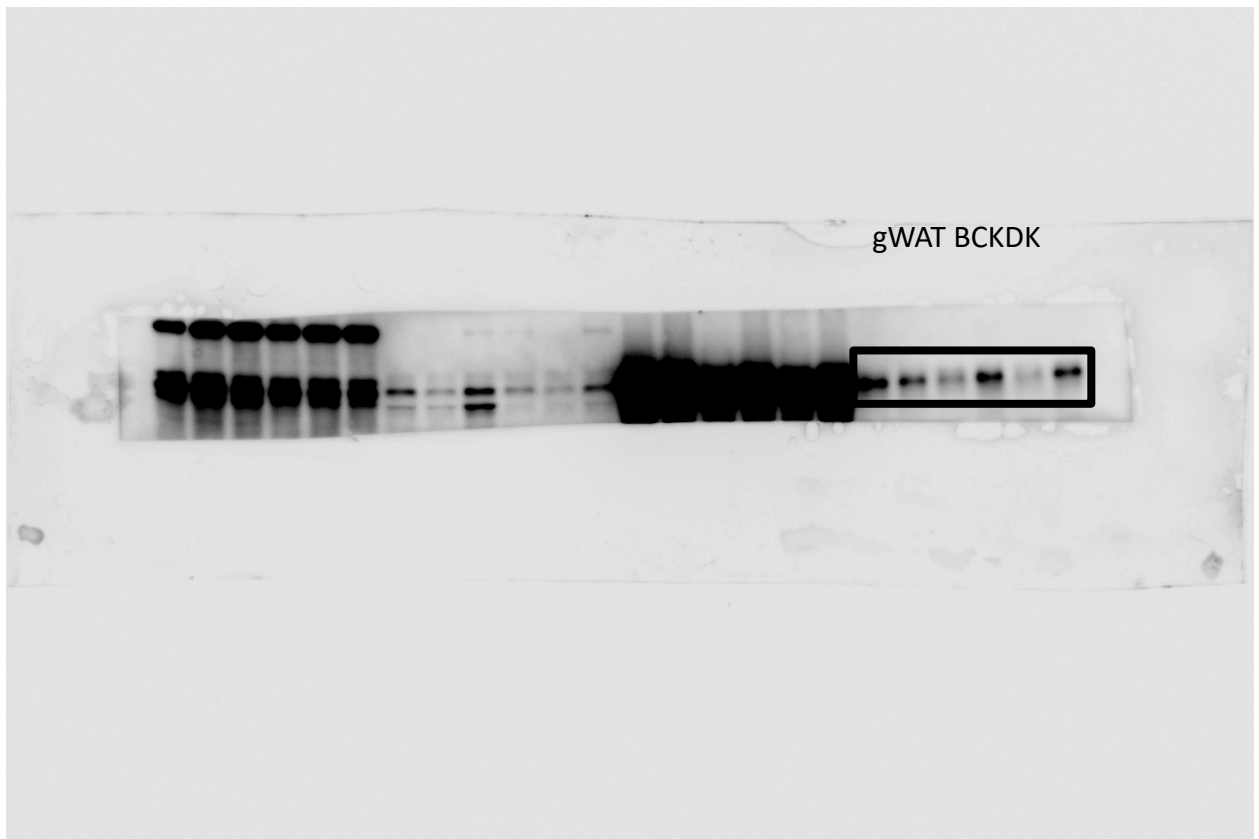


Quad 14-3-3
loading control for
BCKDH

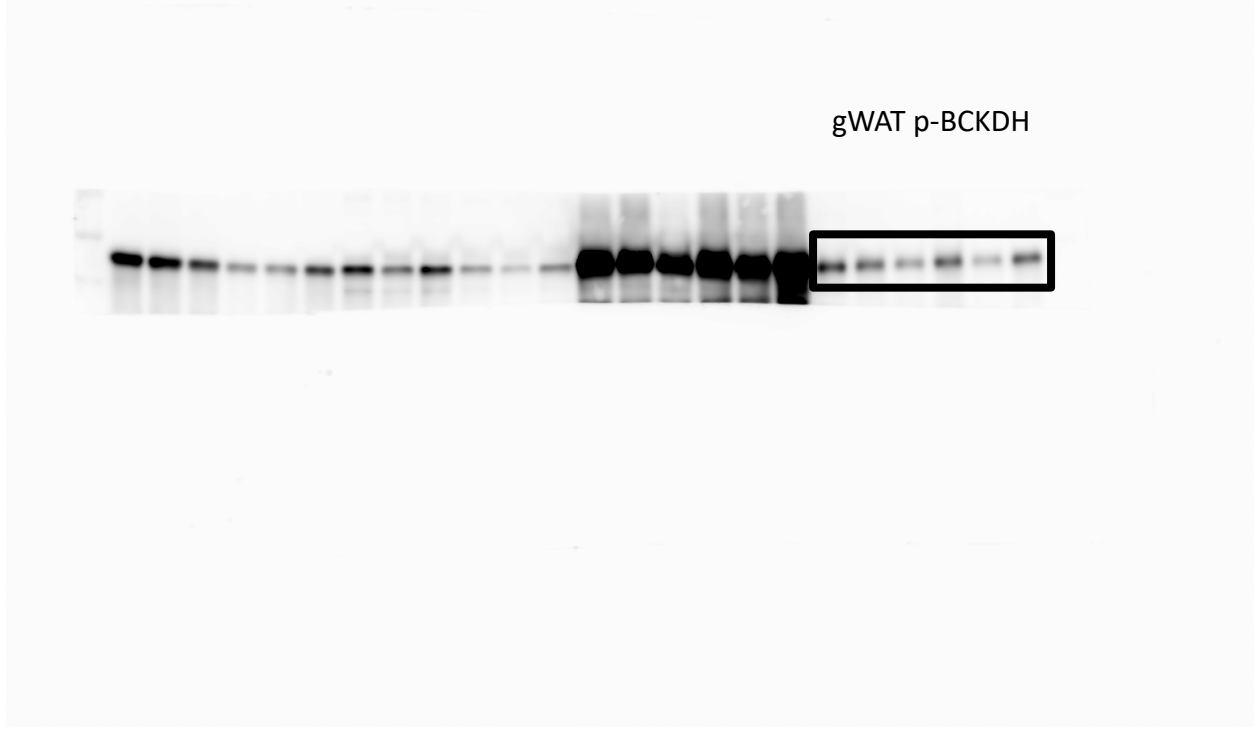




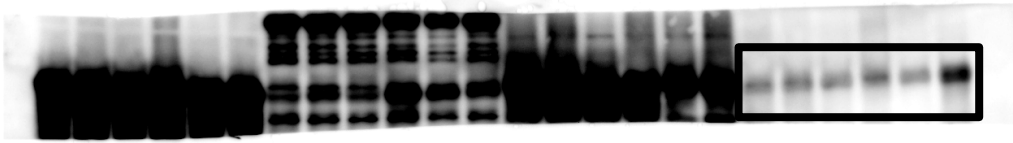
gWAT BCKDK



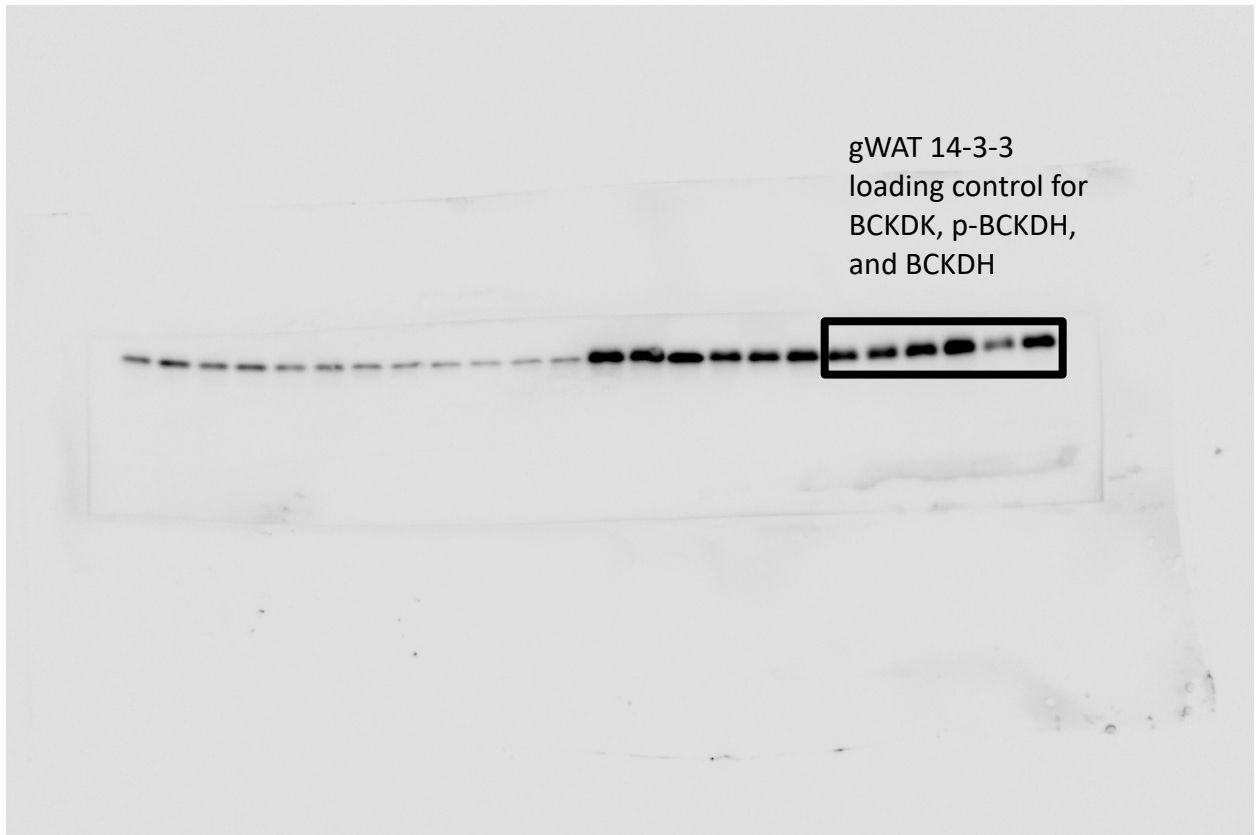
gWAT p-BCKDH



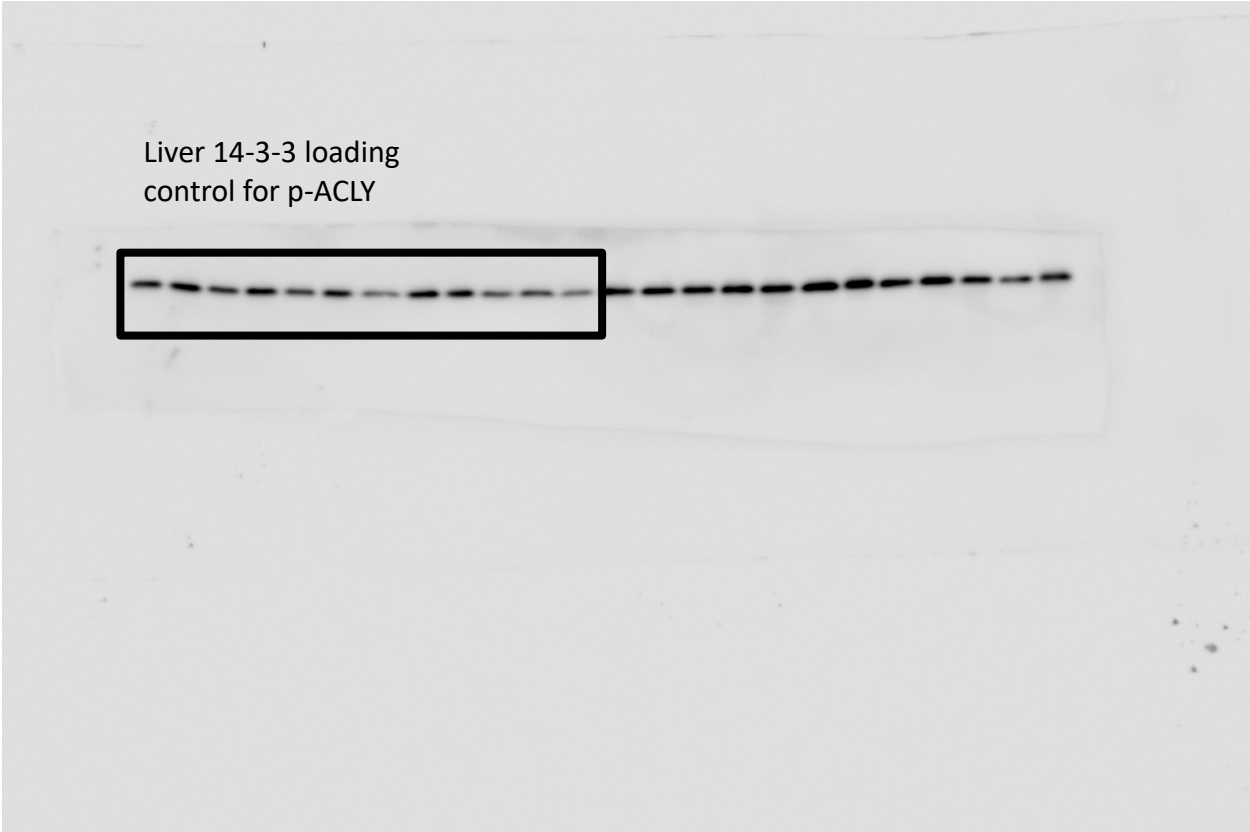
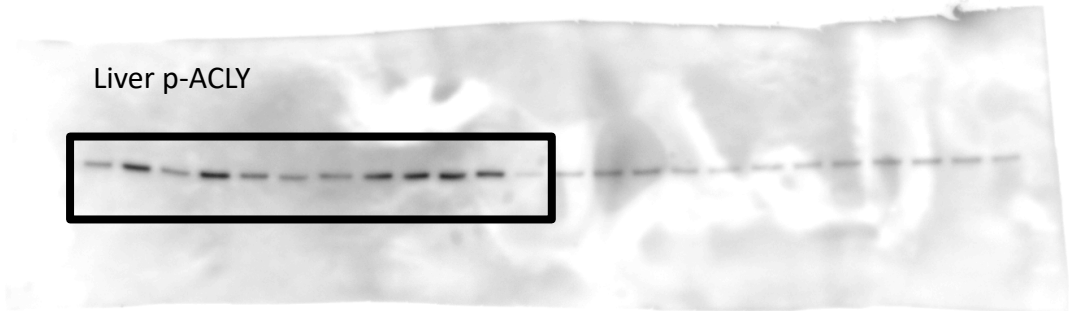
gWAT BCKDH



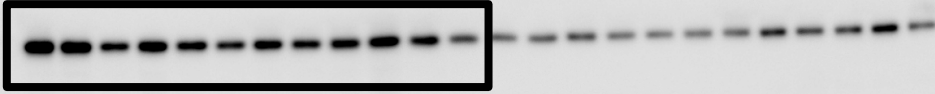
gWAT 14-3-3
loading control for
BCKDK, p-BCKDH,
and BCKDH



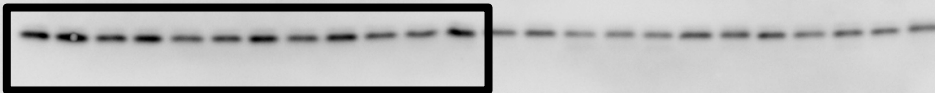
Extended Data Figure 2p



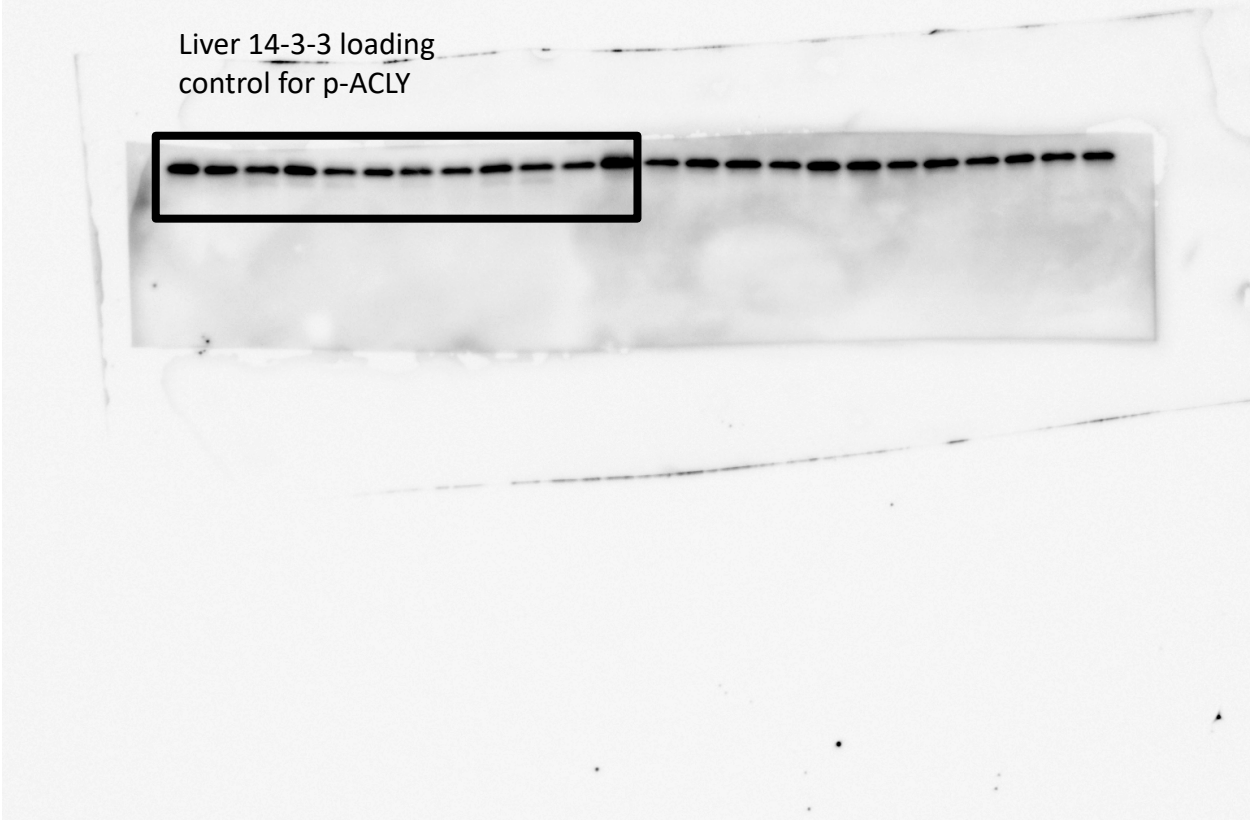
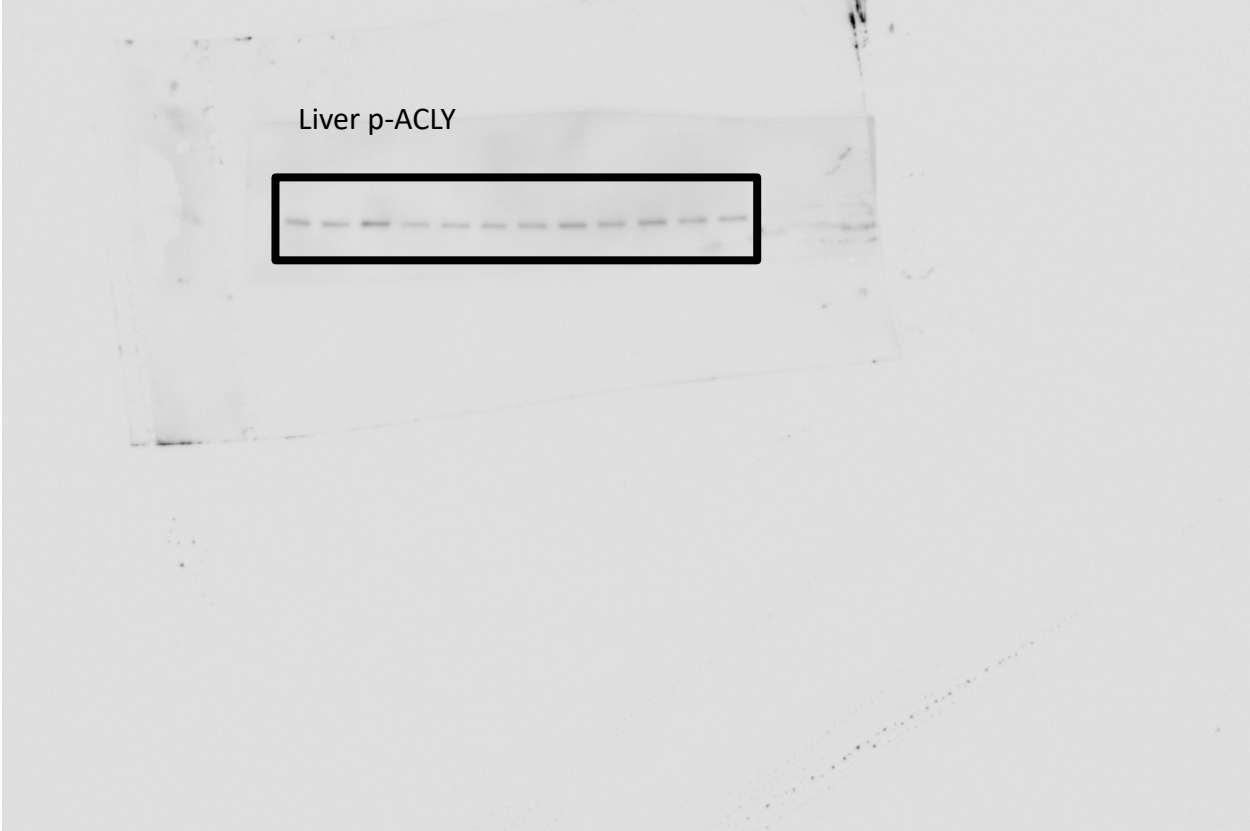
Liver ACLY



Liver 14-3-3 loading
control for ACLY



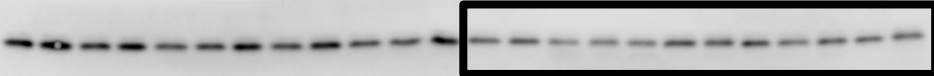
Extended Data Figure 4o



Liver ACLY

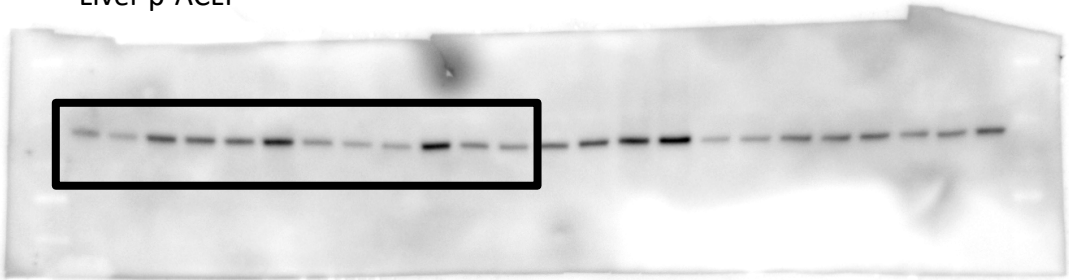


Liver 14-3-3 loading control for ACLY

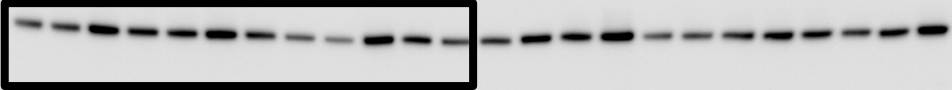


Extended Data Figure 9i

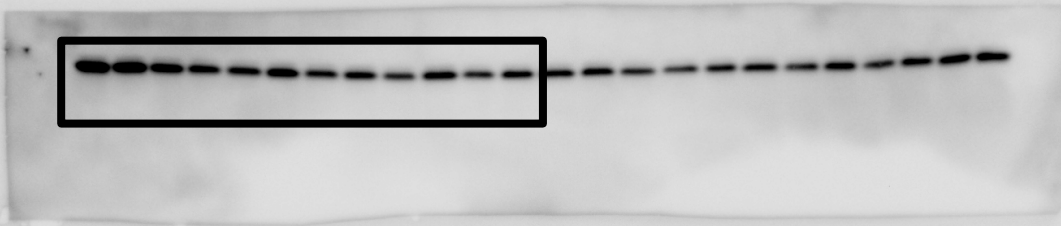
Liver p-ACLY



Liver ACLY

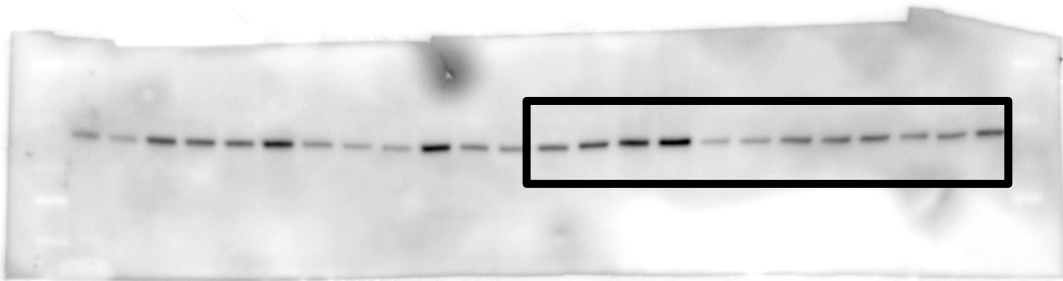


Liver 14-3-3 loading
control

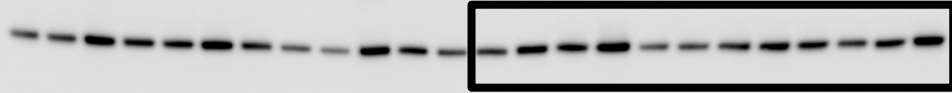


Extended Data Figure 9w

Liver p-ACLY



Liver ACLY



Liver 14-3-3 loading
control

