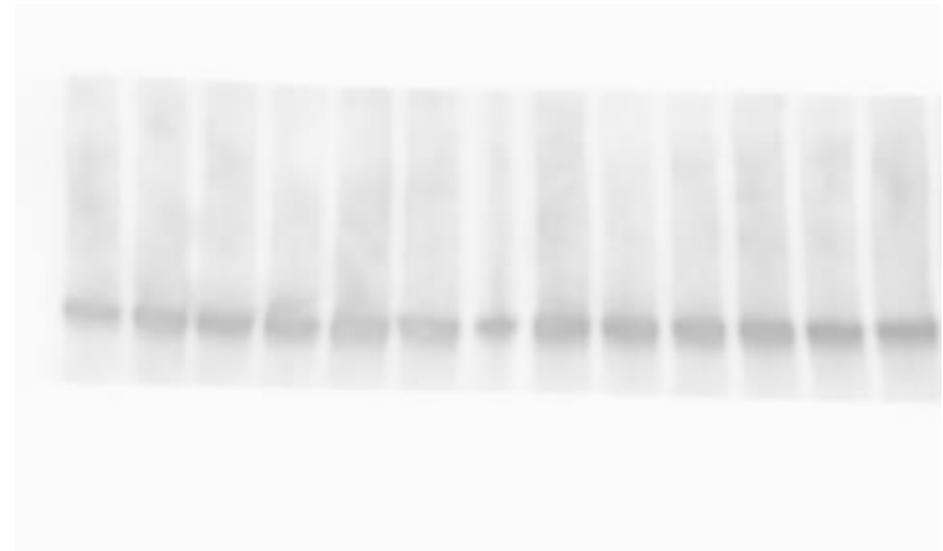


## GluN1

The membranes were cut after transfer at 75kDa to allow for simultaneous incubation with the antibody against  $\beta$ -actin



The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

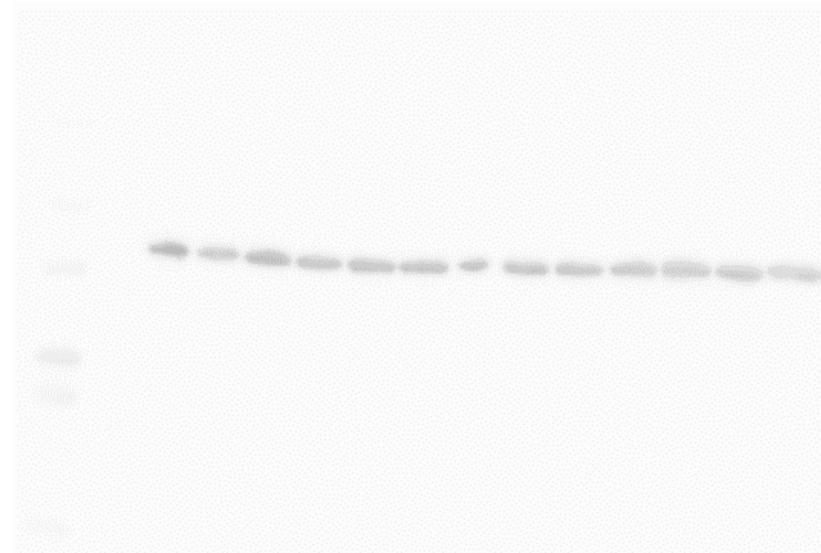


The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

$\beta$ -actin (as loading control) to GluN1



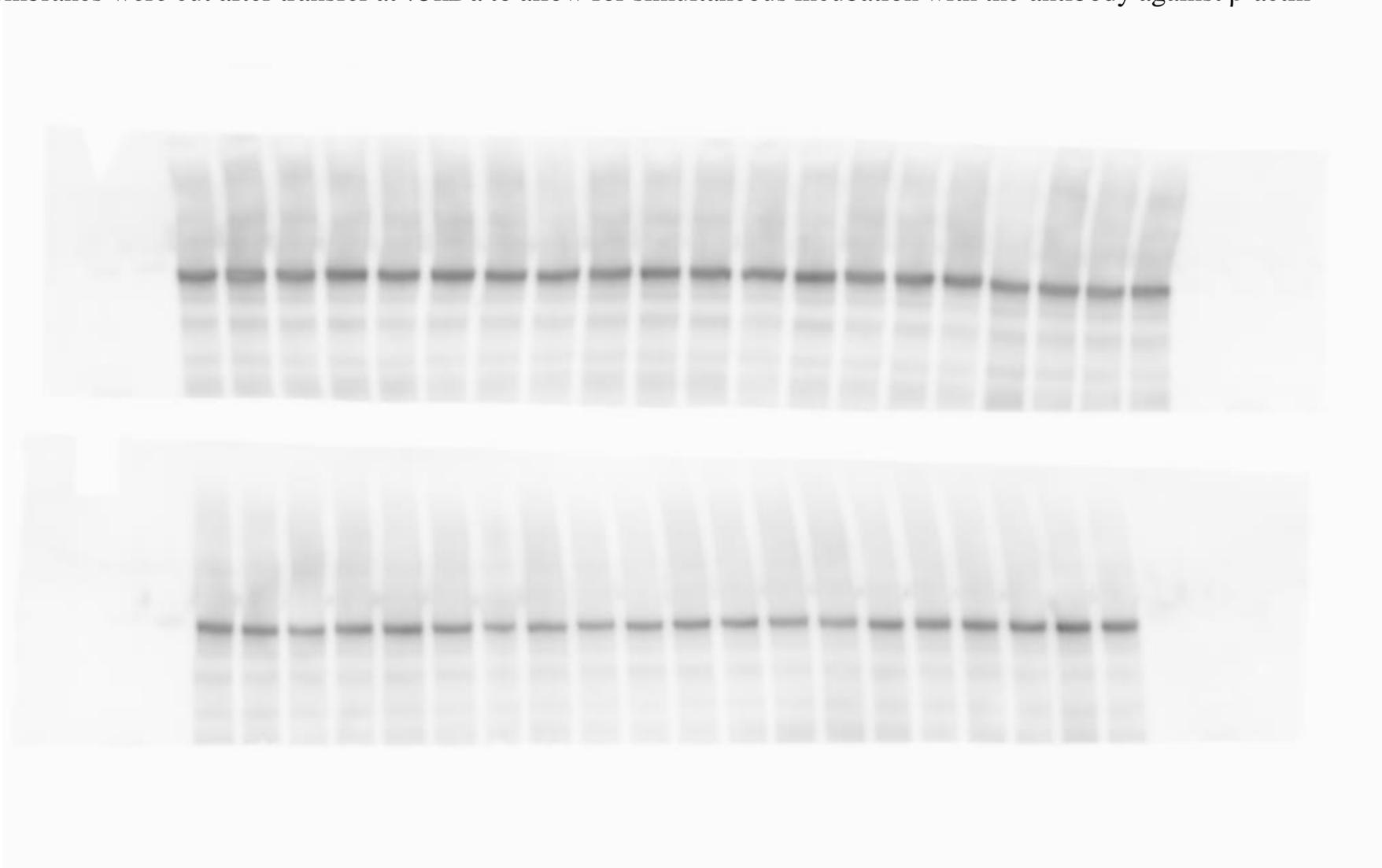
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU



The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar

# GluN2A

The membranes were cut after transfer at 75kDa to allow for simultaneous incubation with the antibody against  $\beta$ -actin



The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

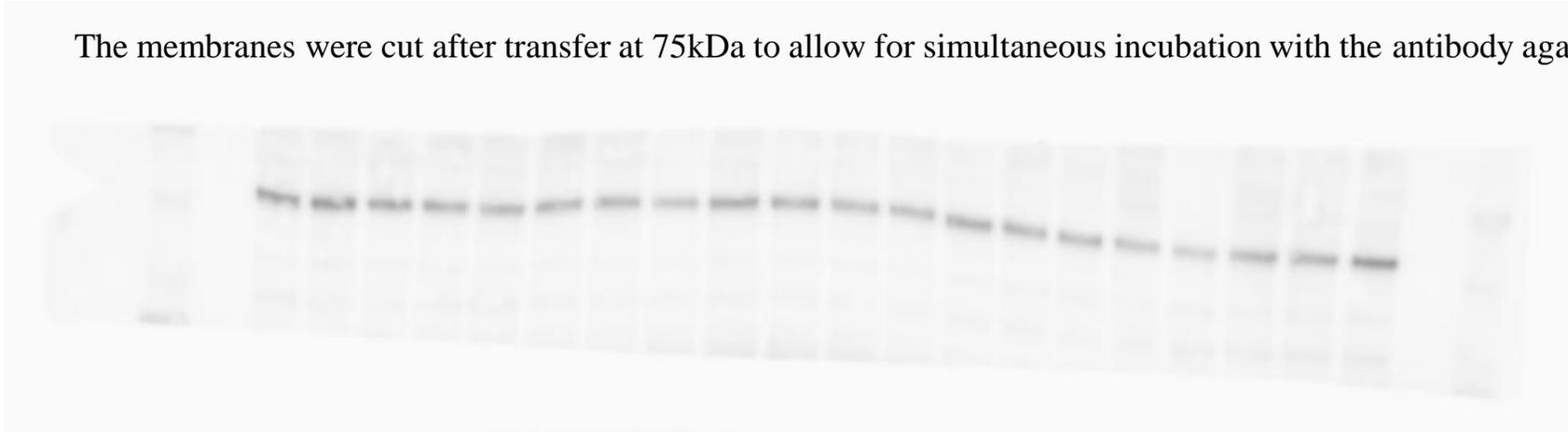
$\beta$ -actin (as loading control) to GluN2A



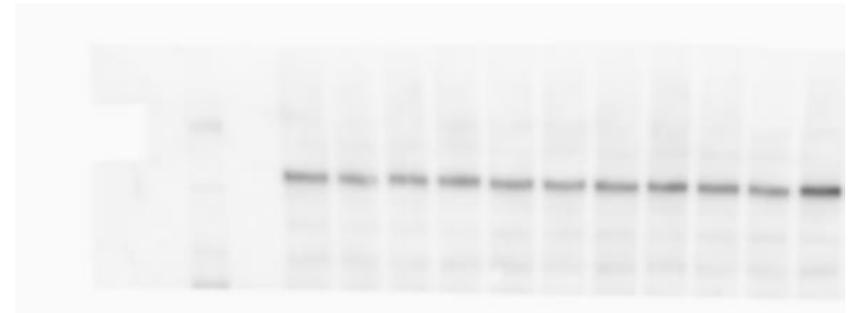
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

## GluN2B

The membranes were cut after transfer at 75kDa to allow for simultaneous incubation with the antibody against  $\beta$ -actin

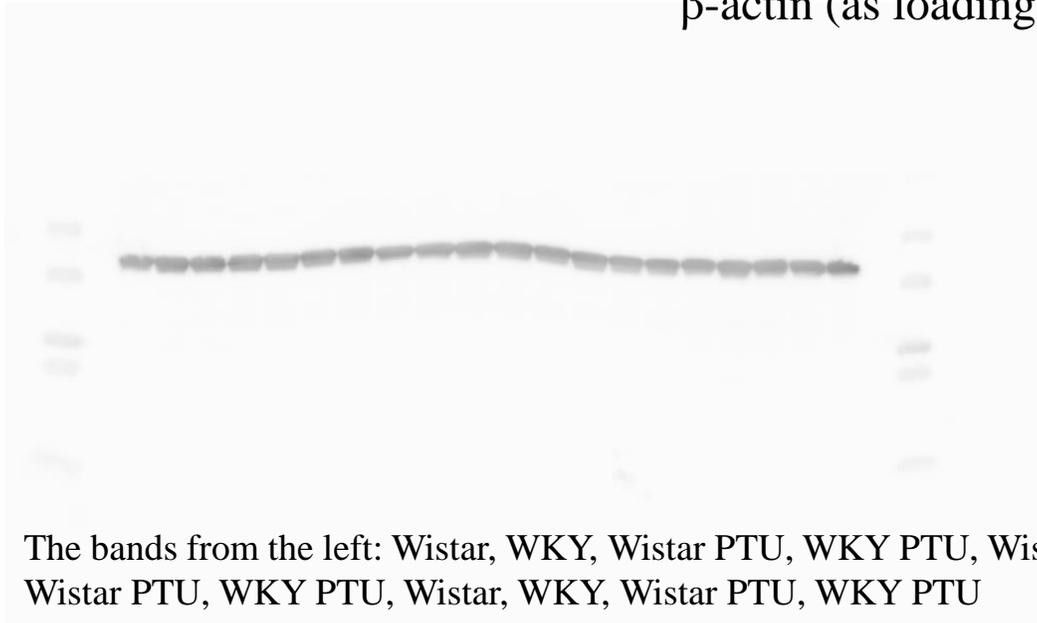


The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU



The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU

$\beta$ -actin (as loading control) to GluN2B



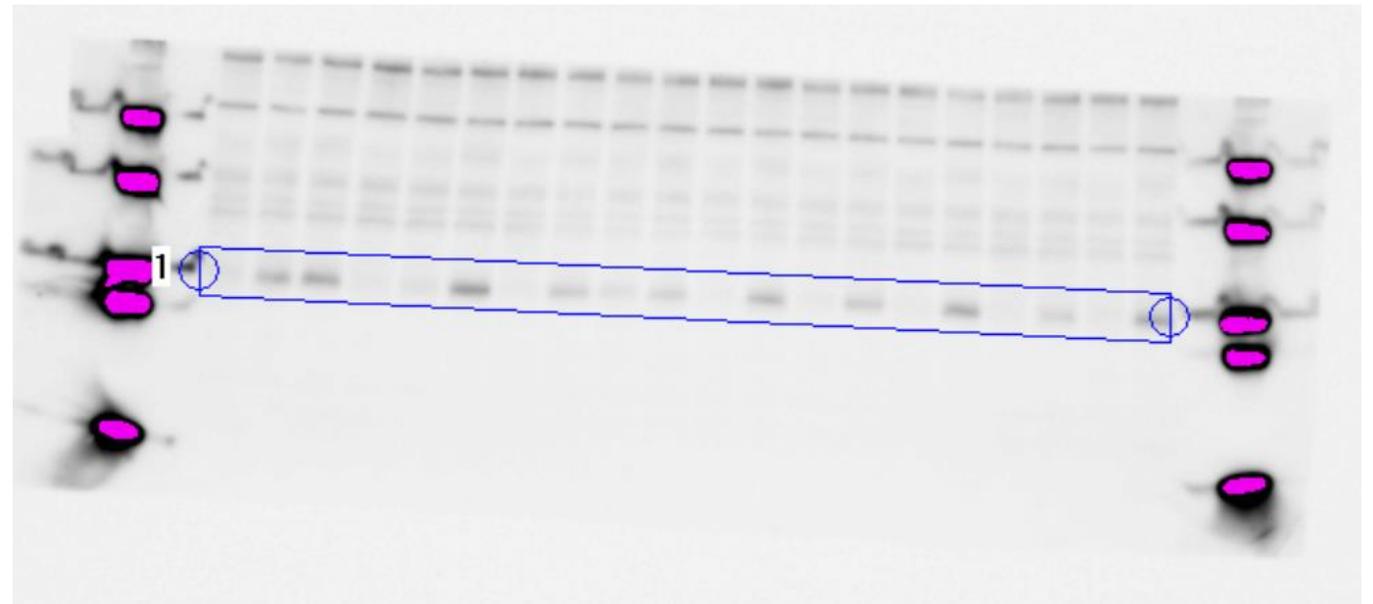
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU



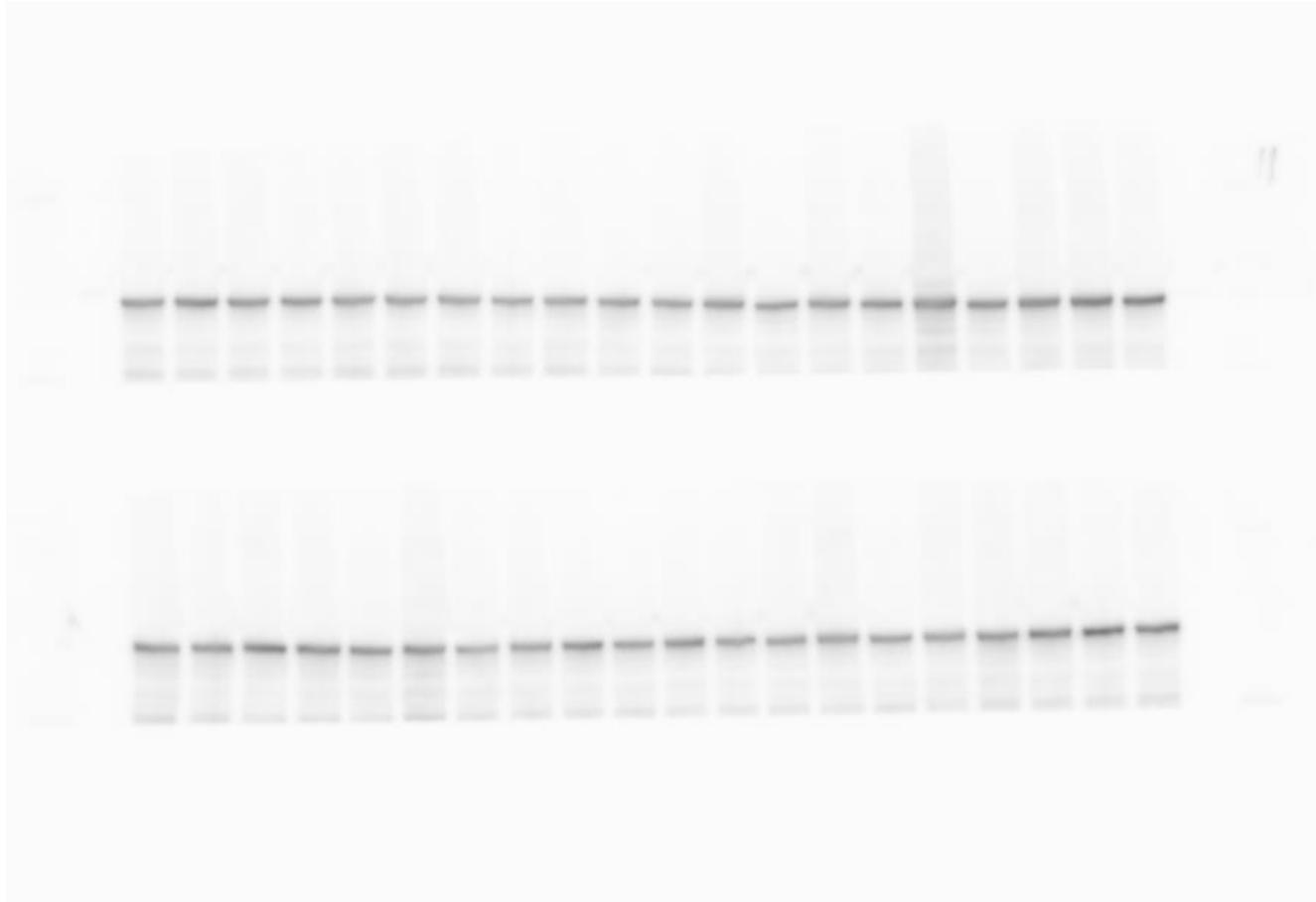
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU

# caspase-1

The membranes were cut after transfer to allow for simultaneous incubation with the antibody against Vinculin (loading control)

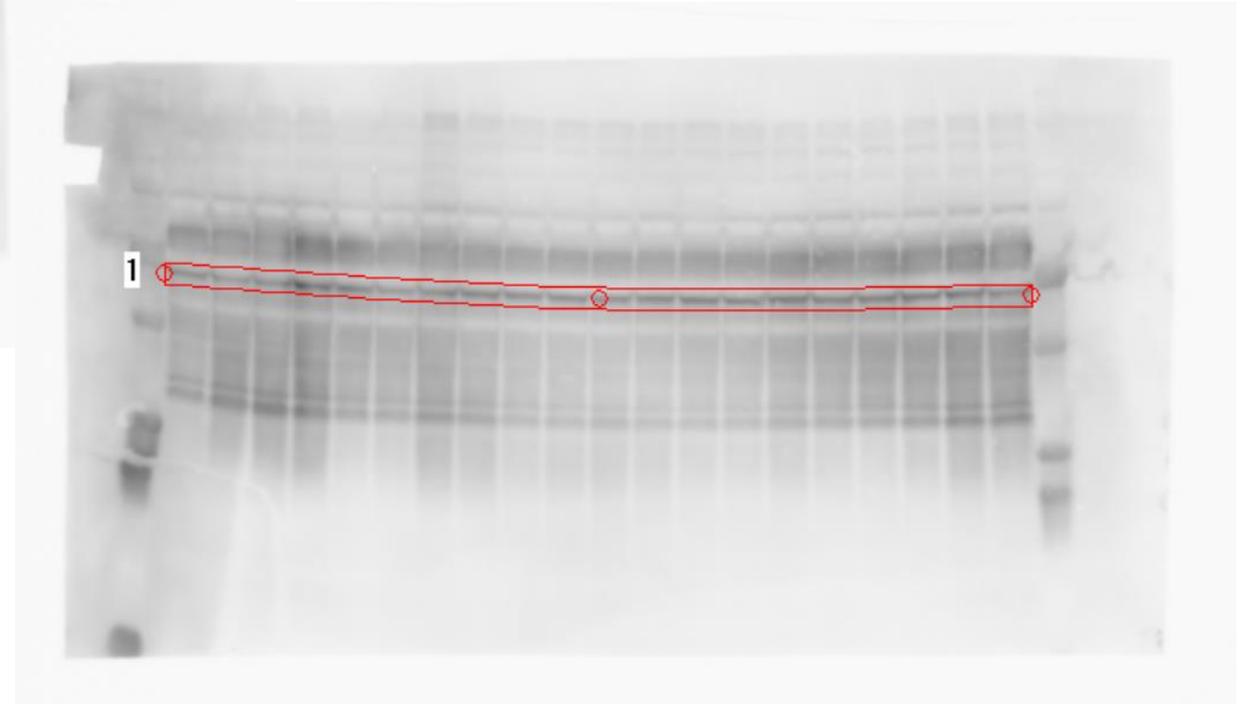
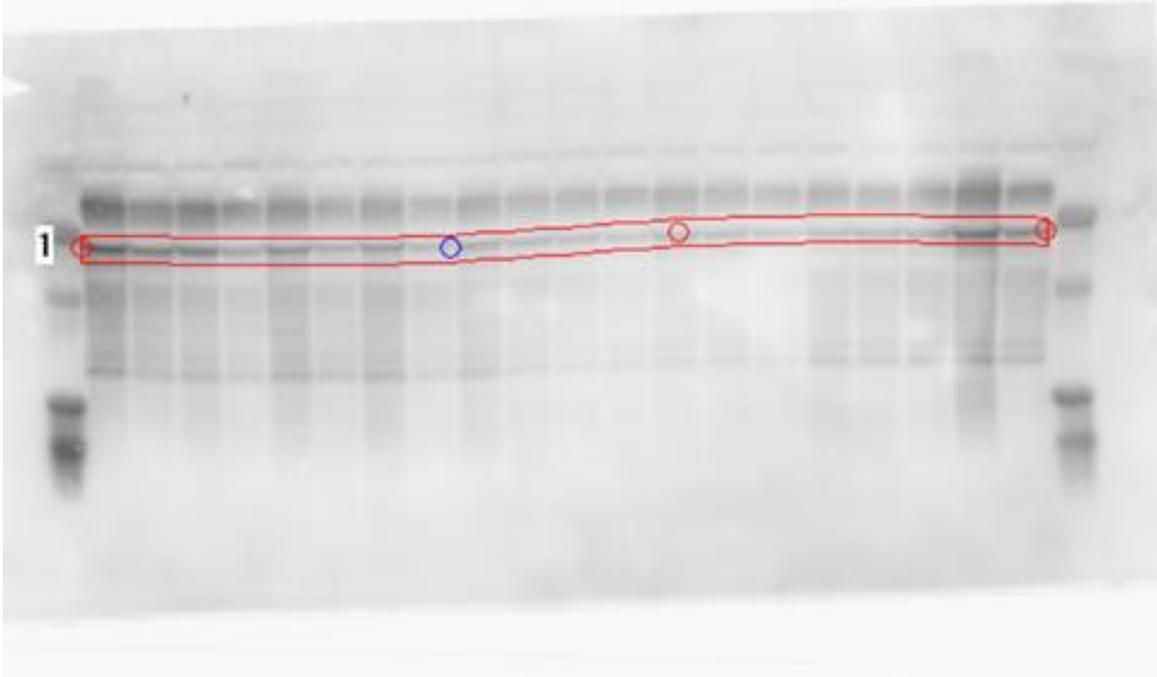


# Vinculin (as loading control) to caspase-1



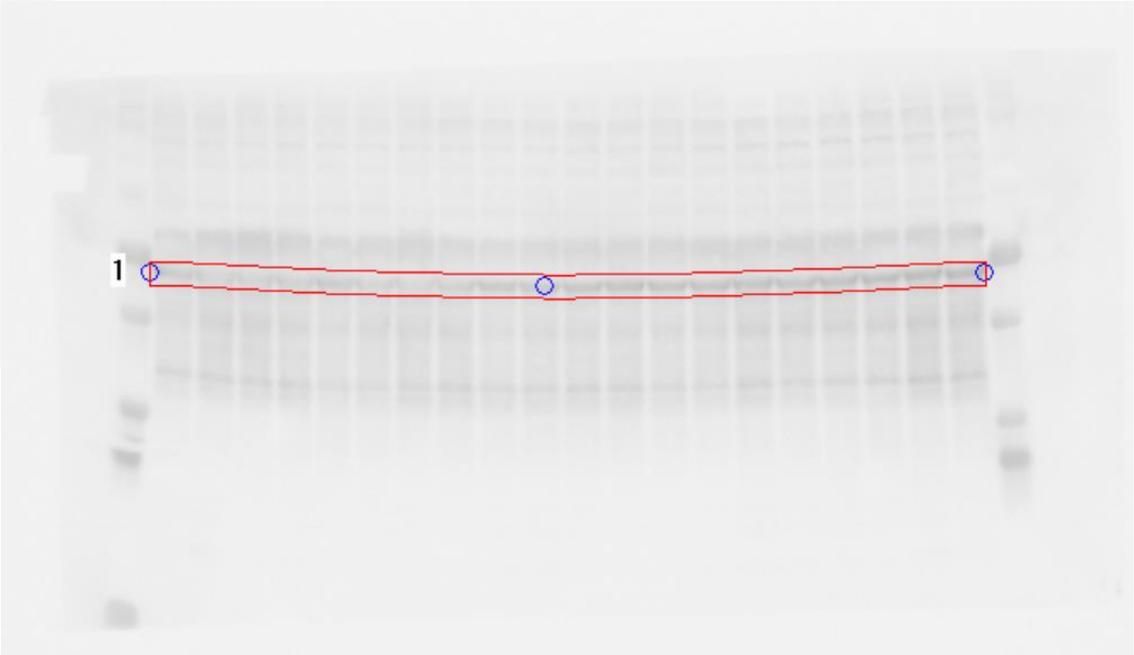
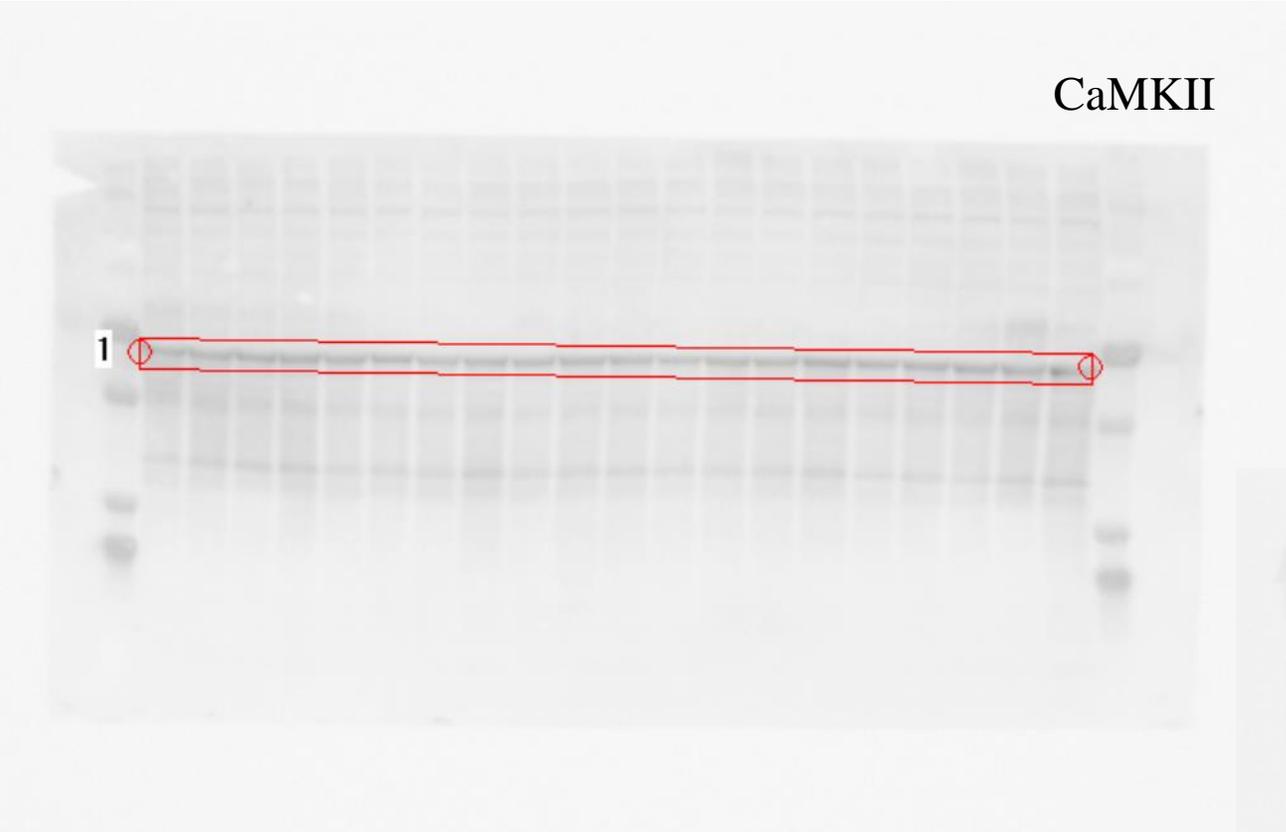
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

p-CaMKII



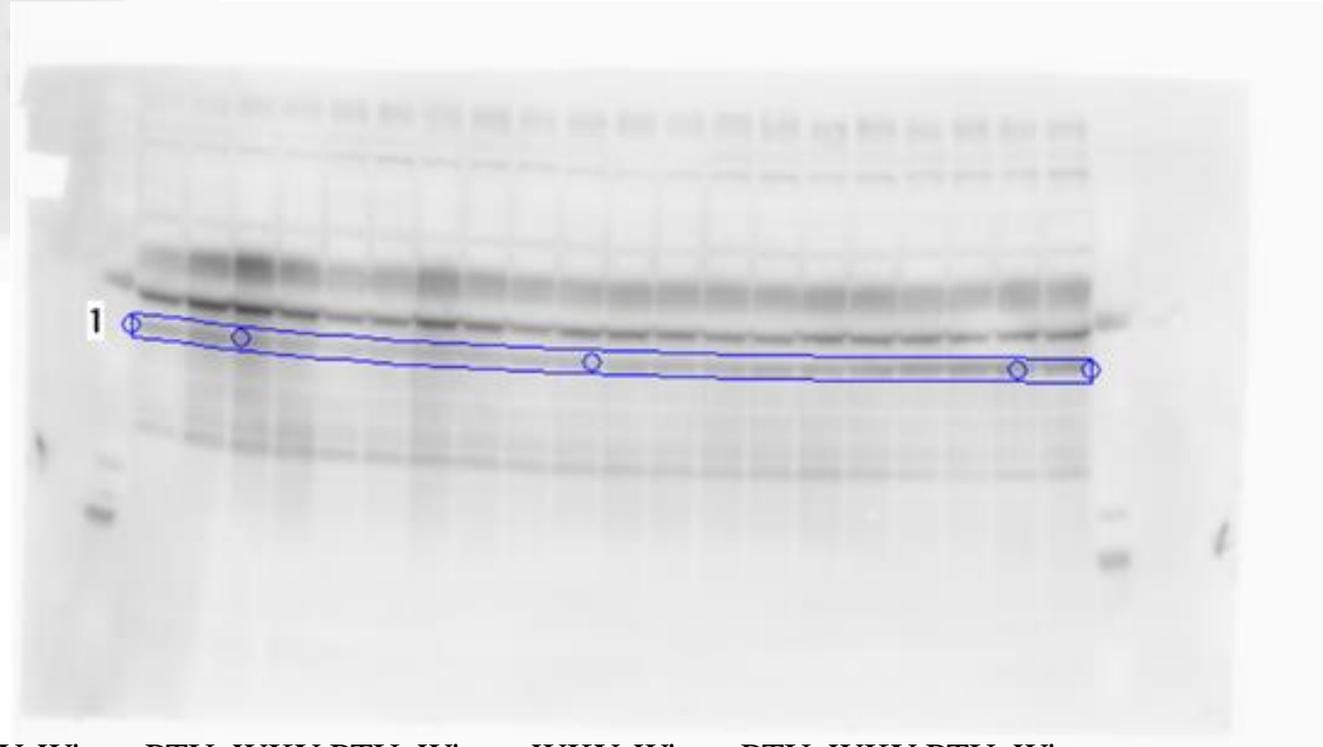
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

CaMKII



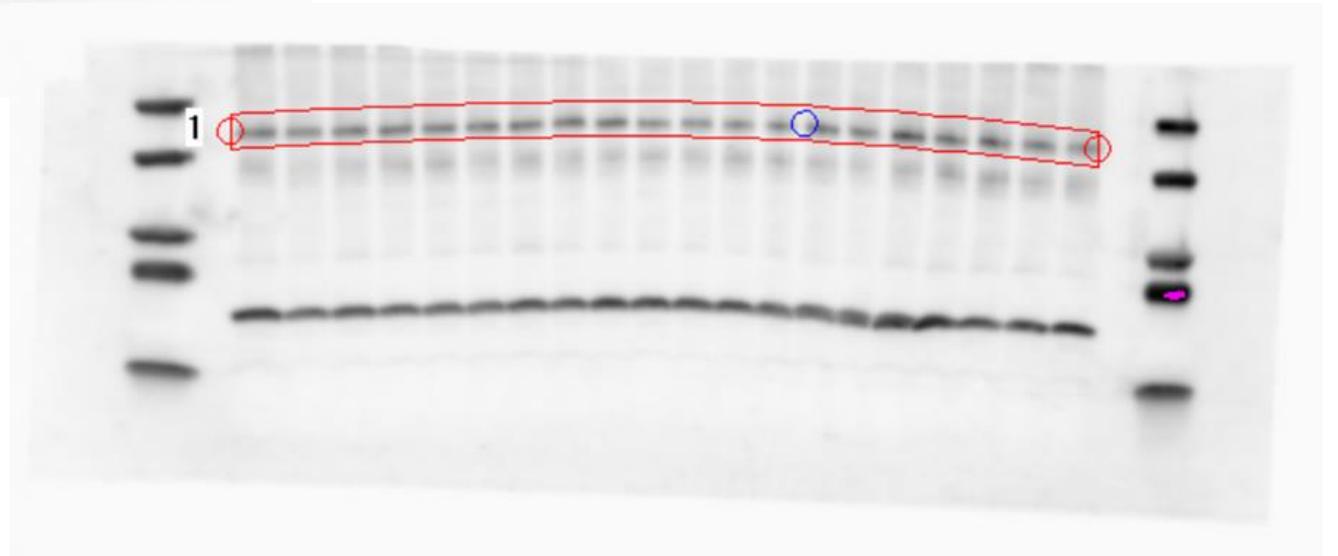
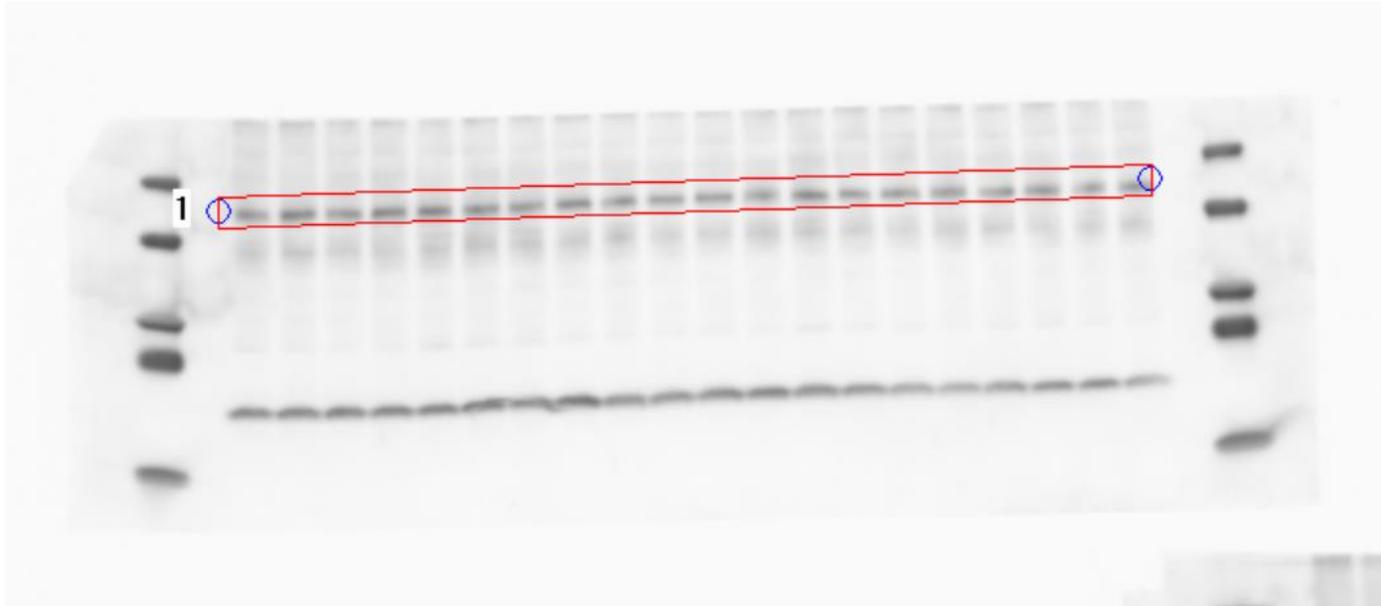
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

$\beta$ -actin (as loading control) to p-CaMKII and CaMKII proteins



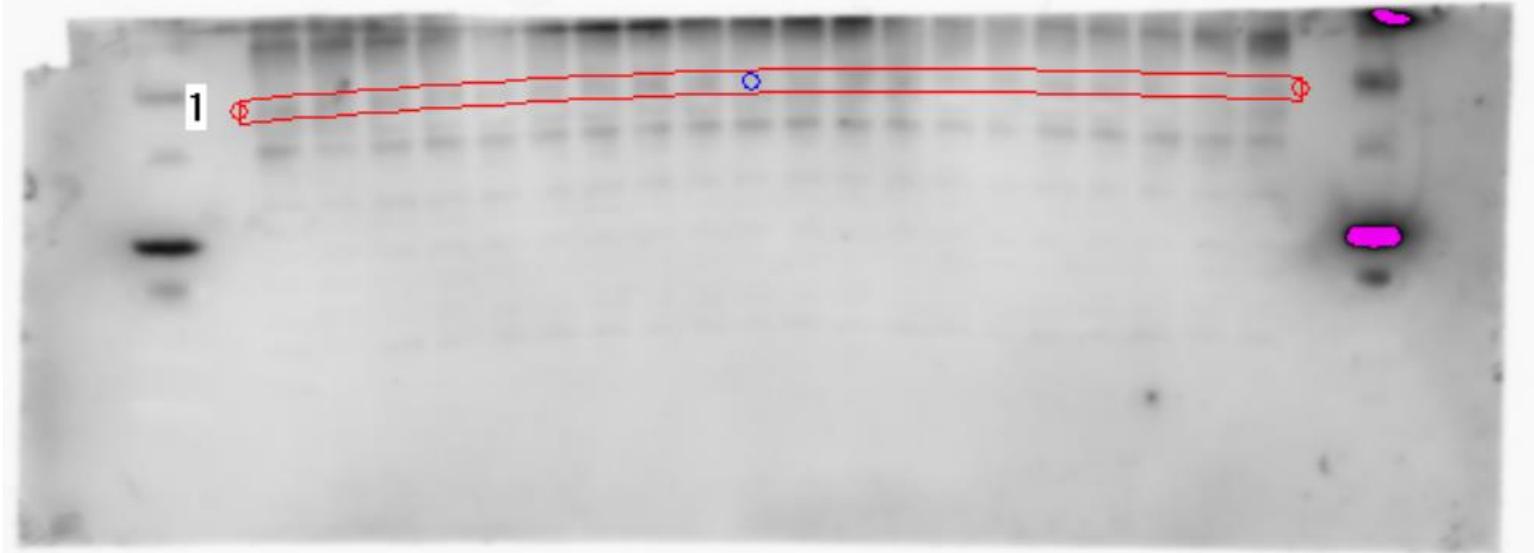
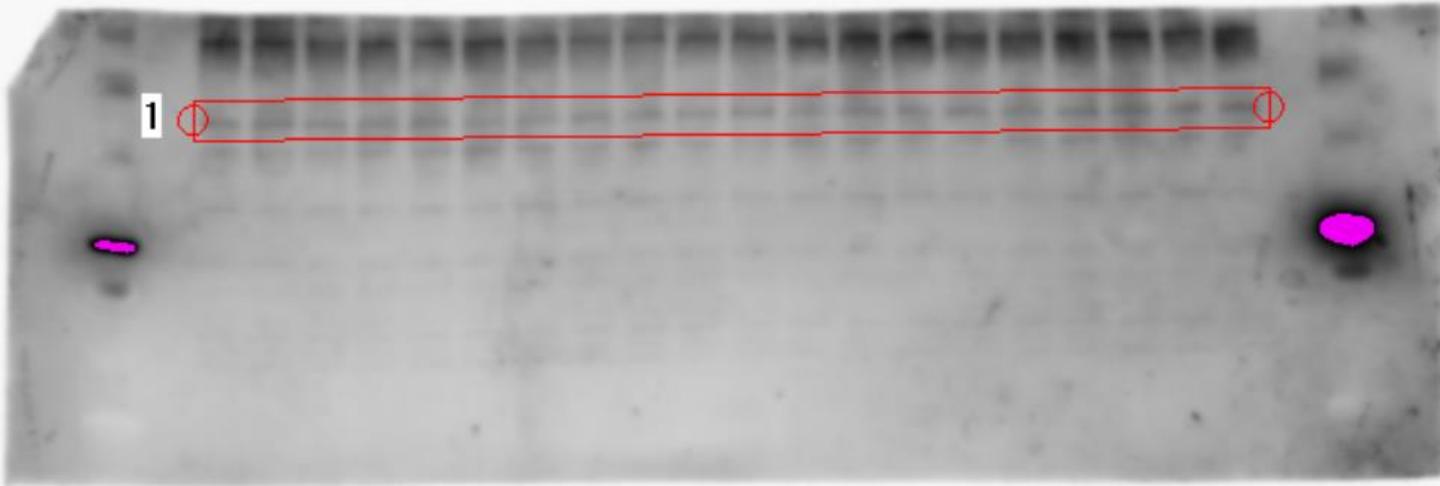
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

# p-CREB



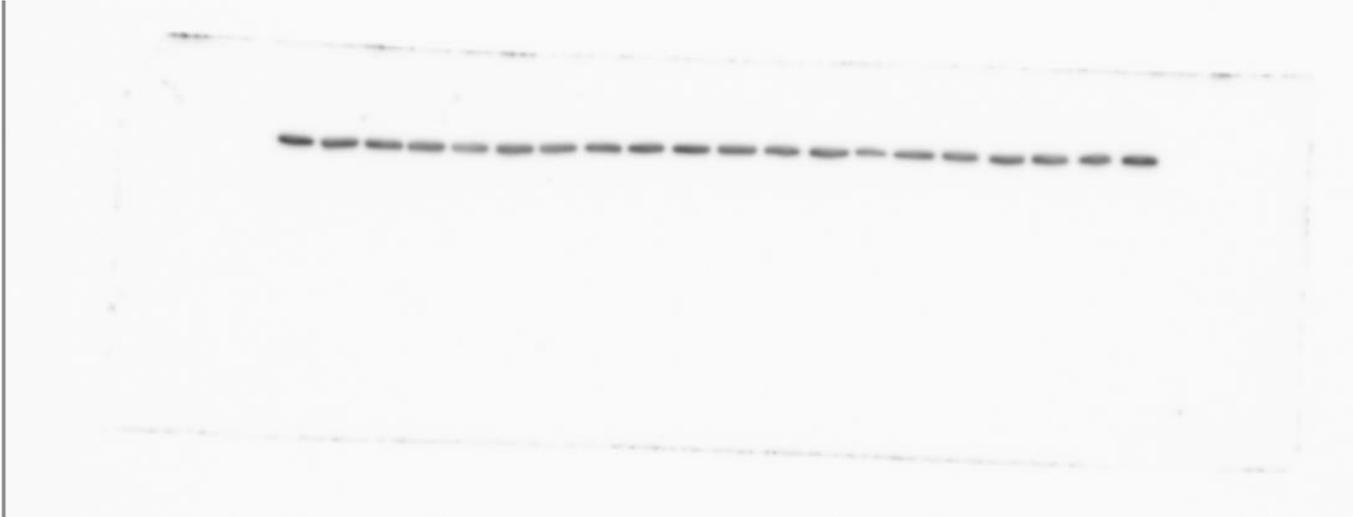
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

# CREB



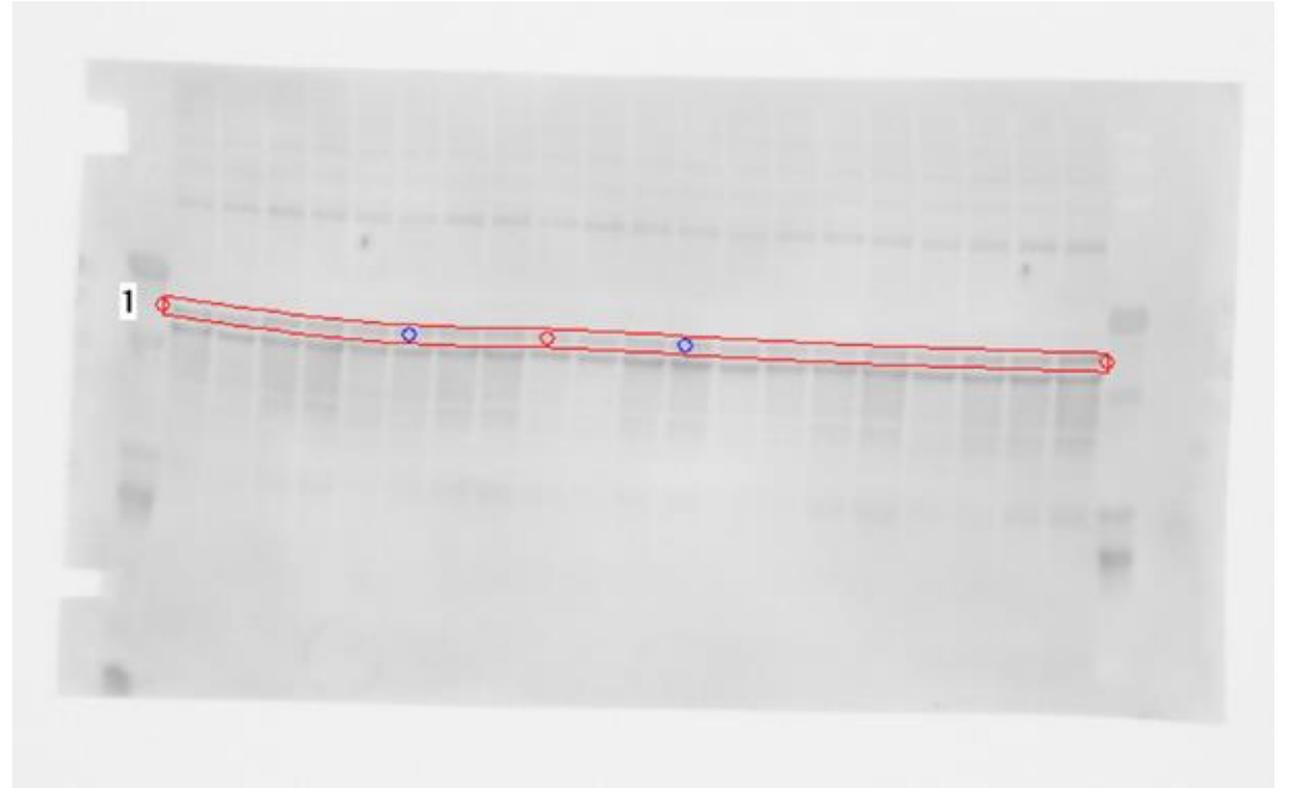
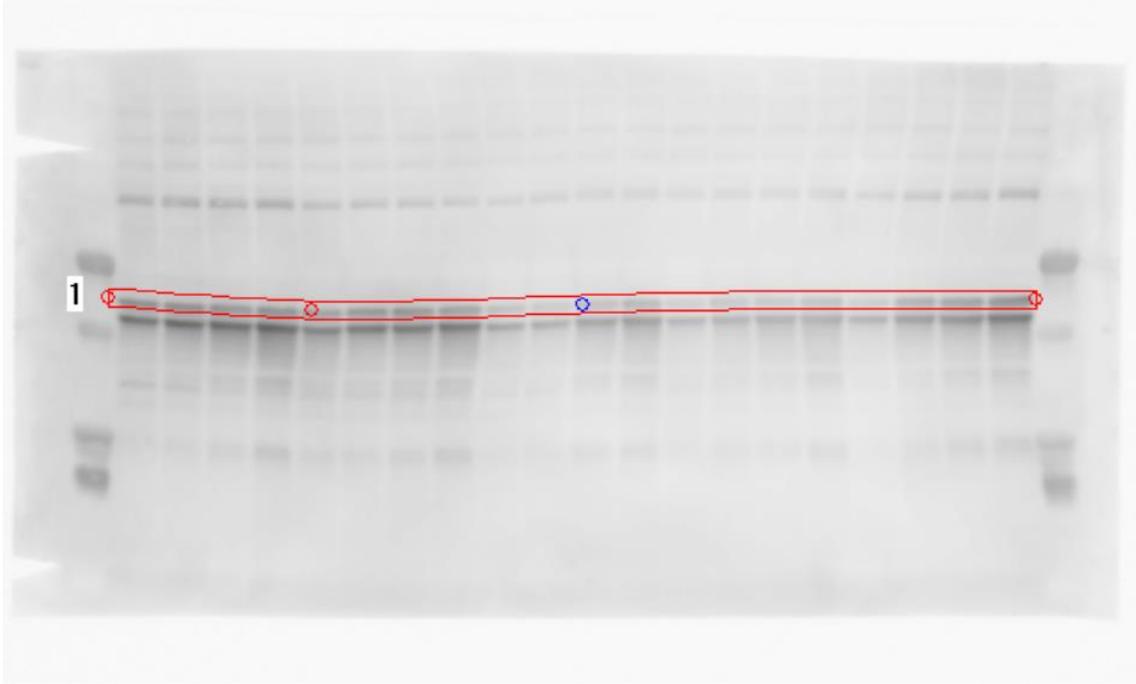
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

$\beta$ -actin (as loading control) to p-CREB and CREB proteins



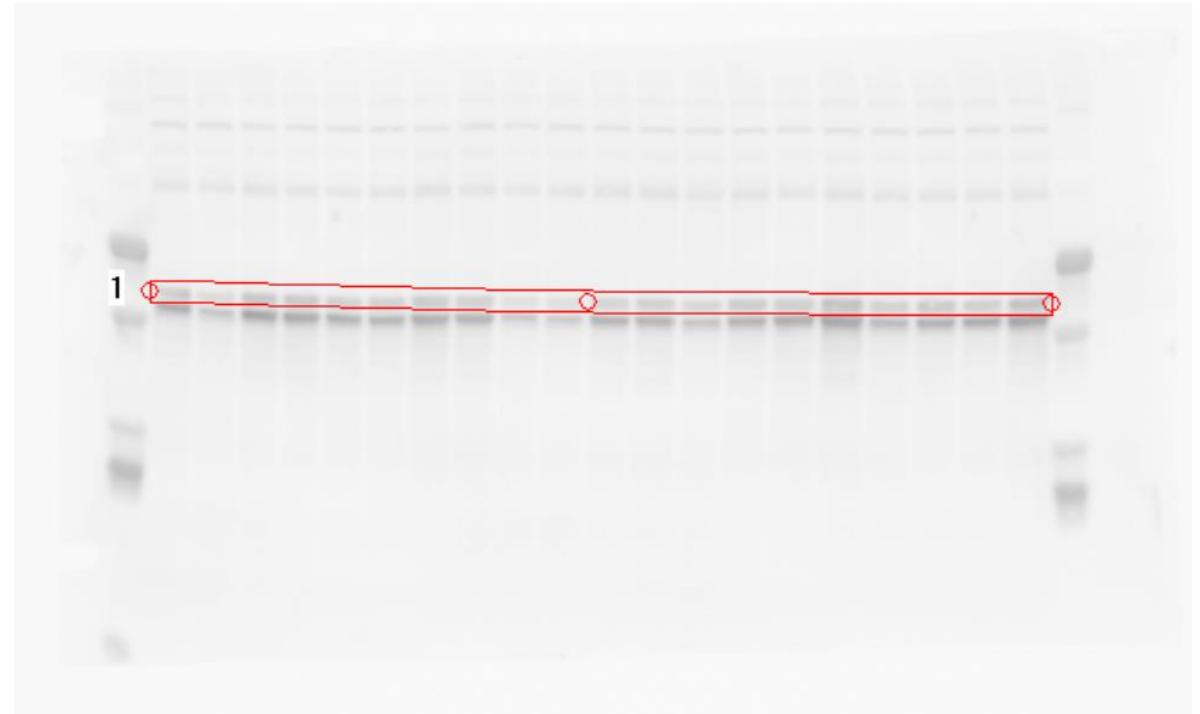
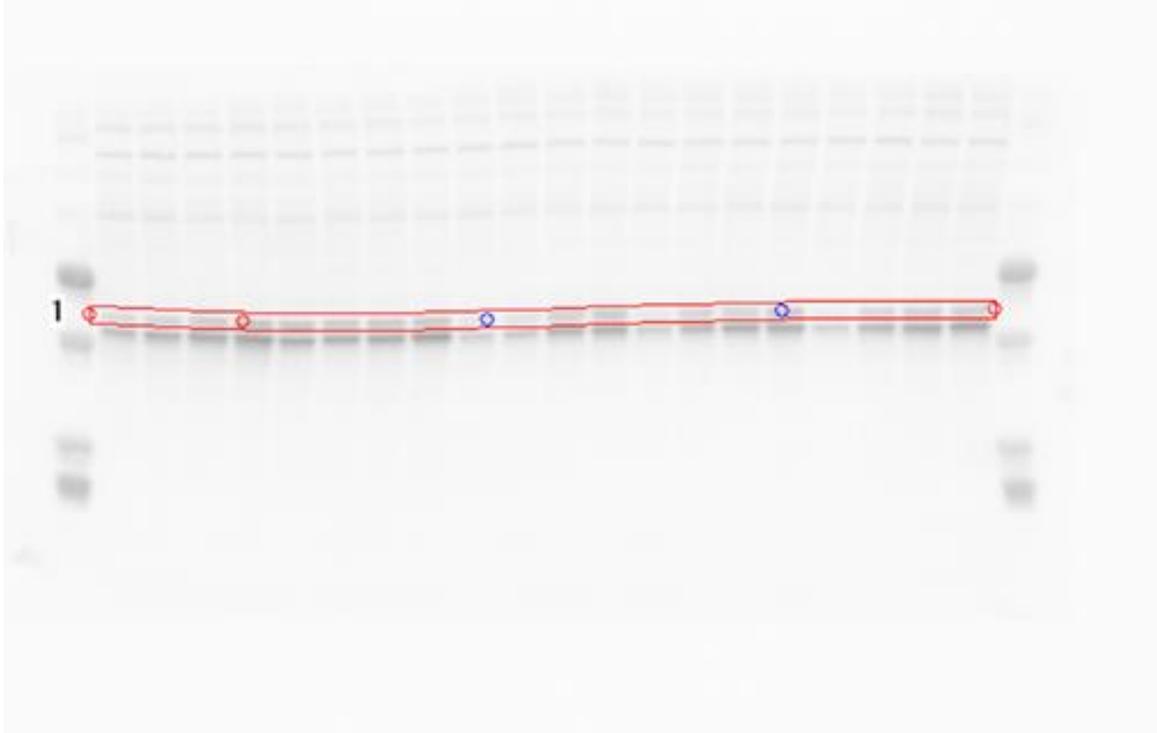
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

p-ERK1



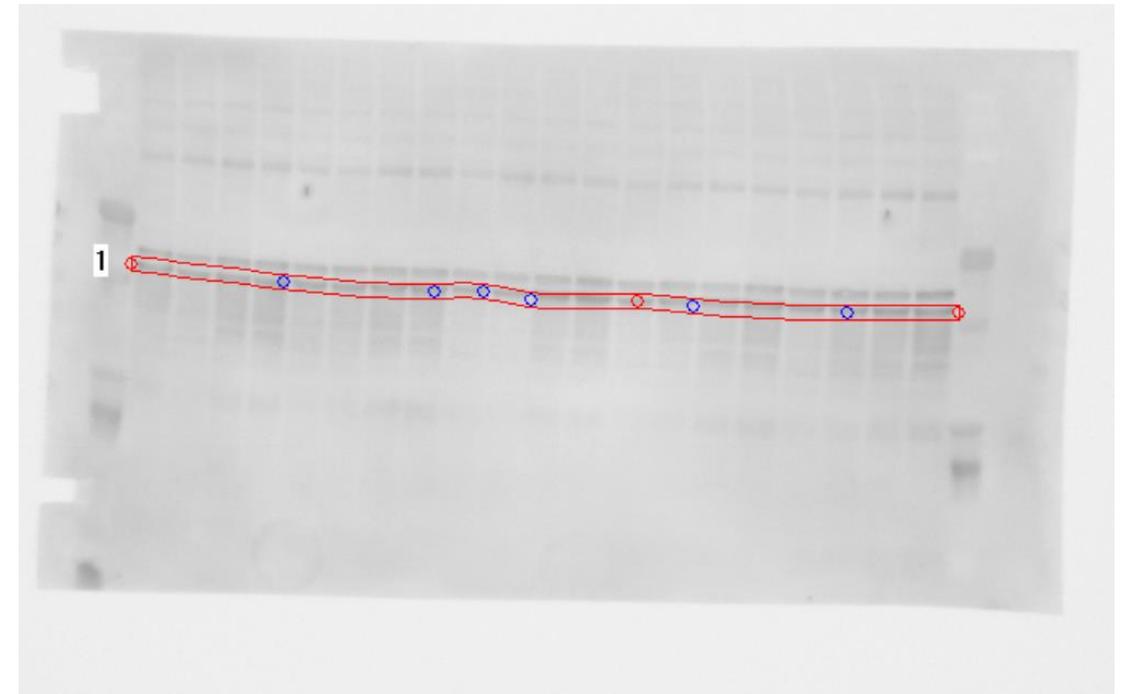
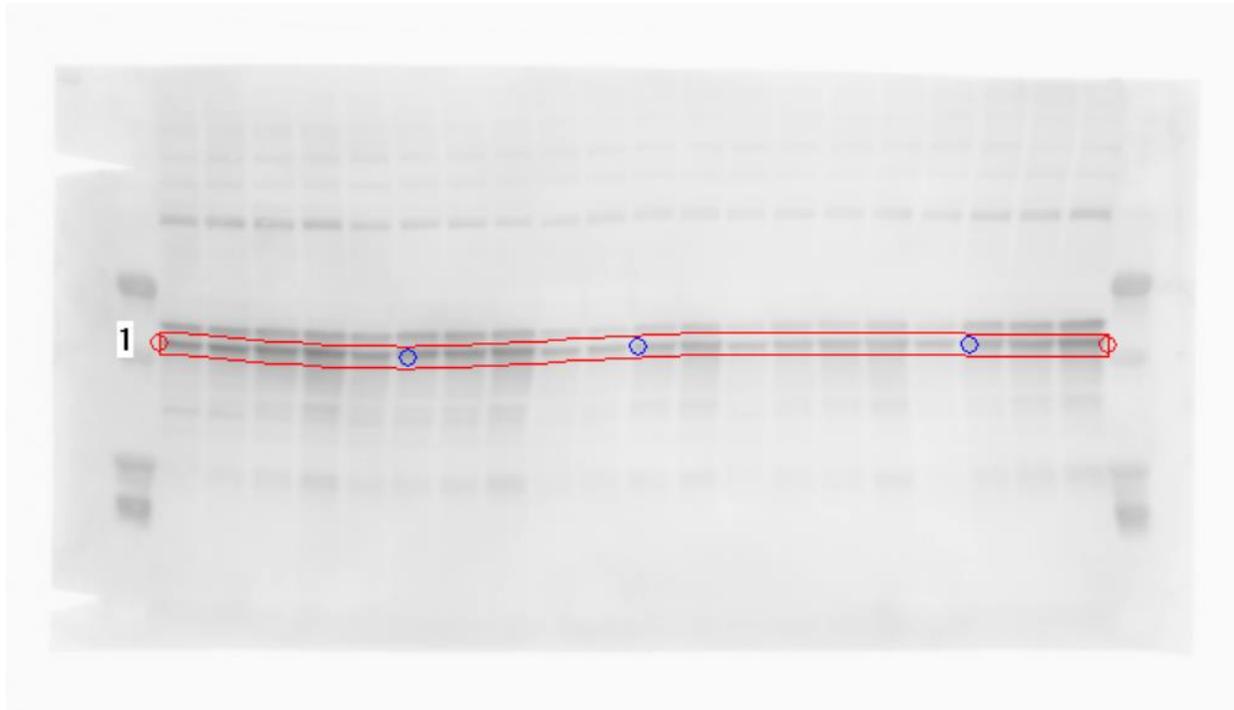
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

# ERK1



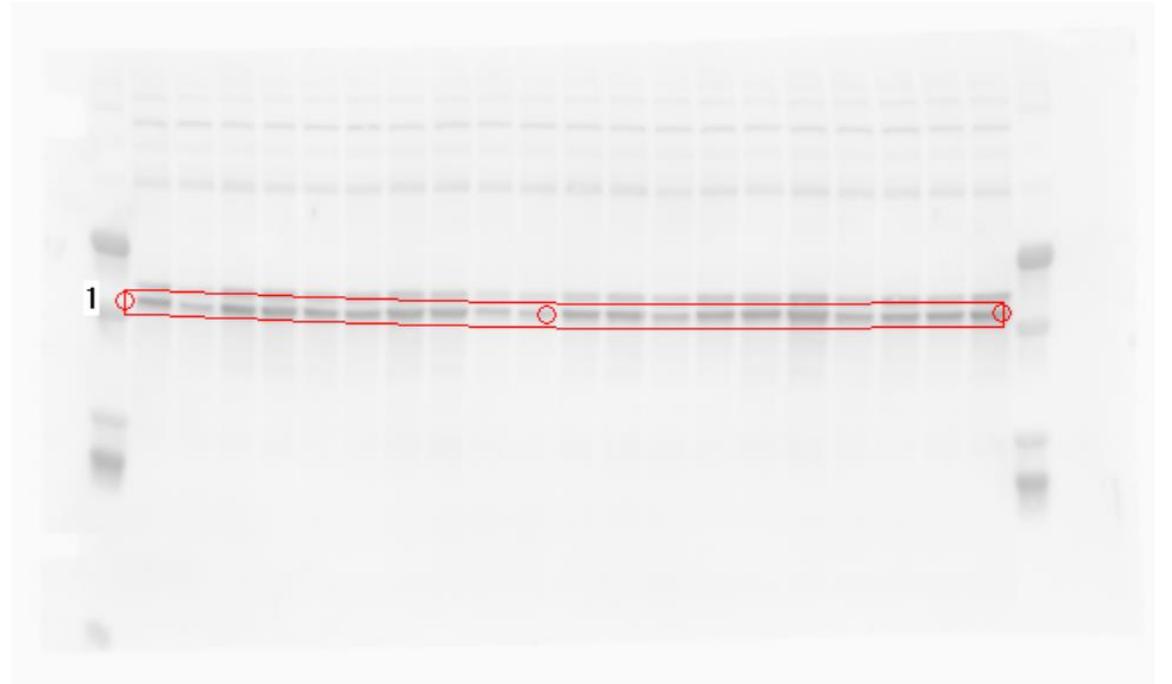
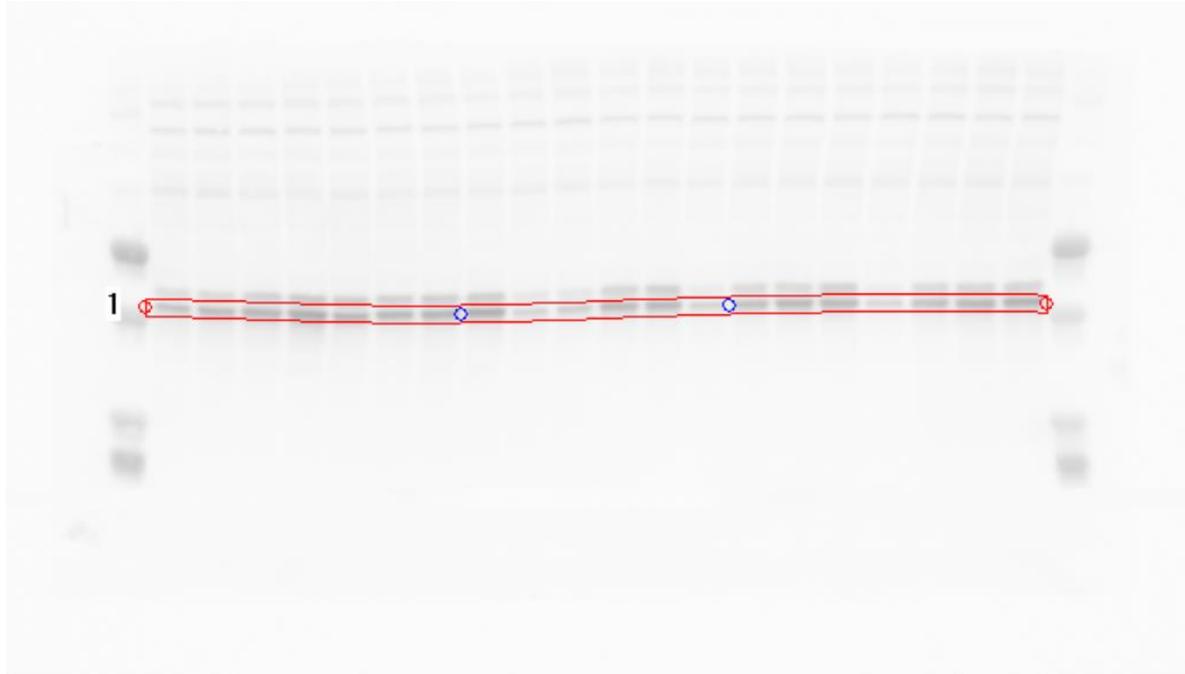
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

# p-ERK2



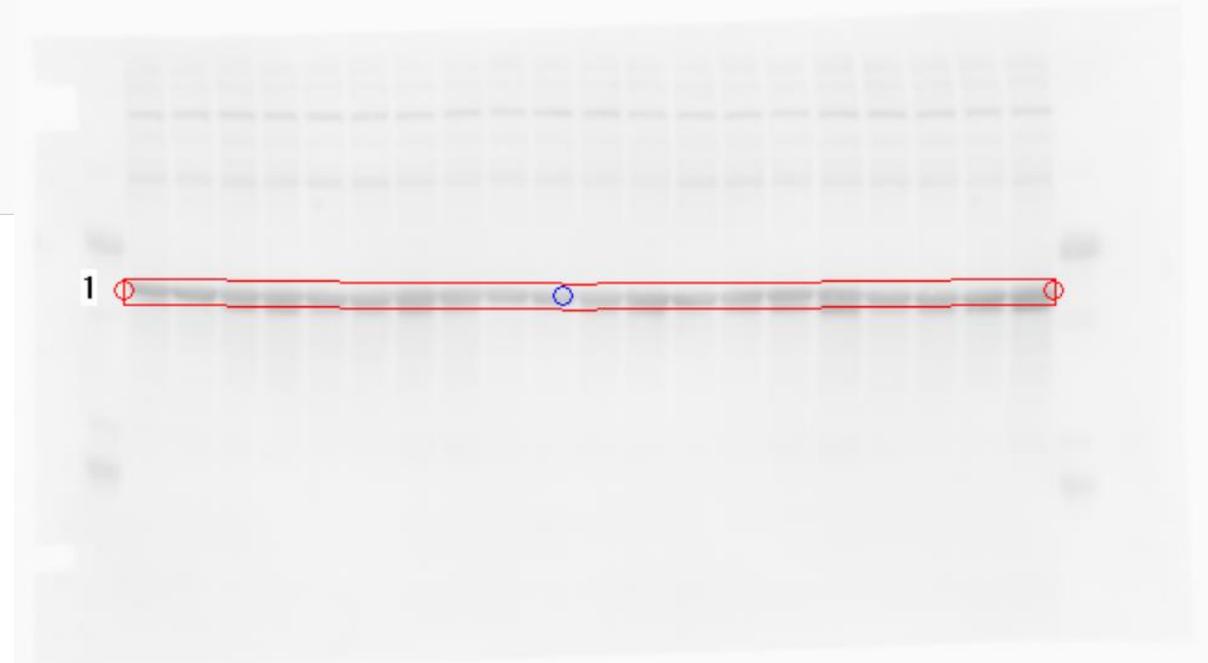
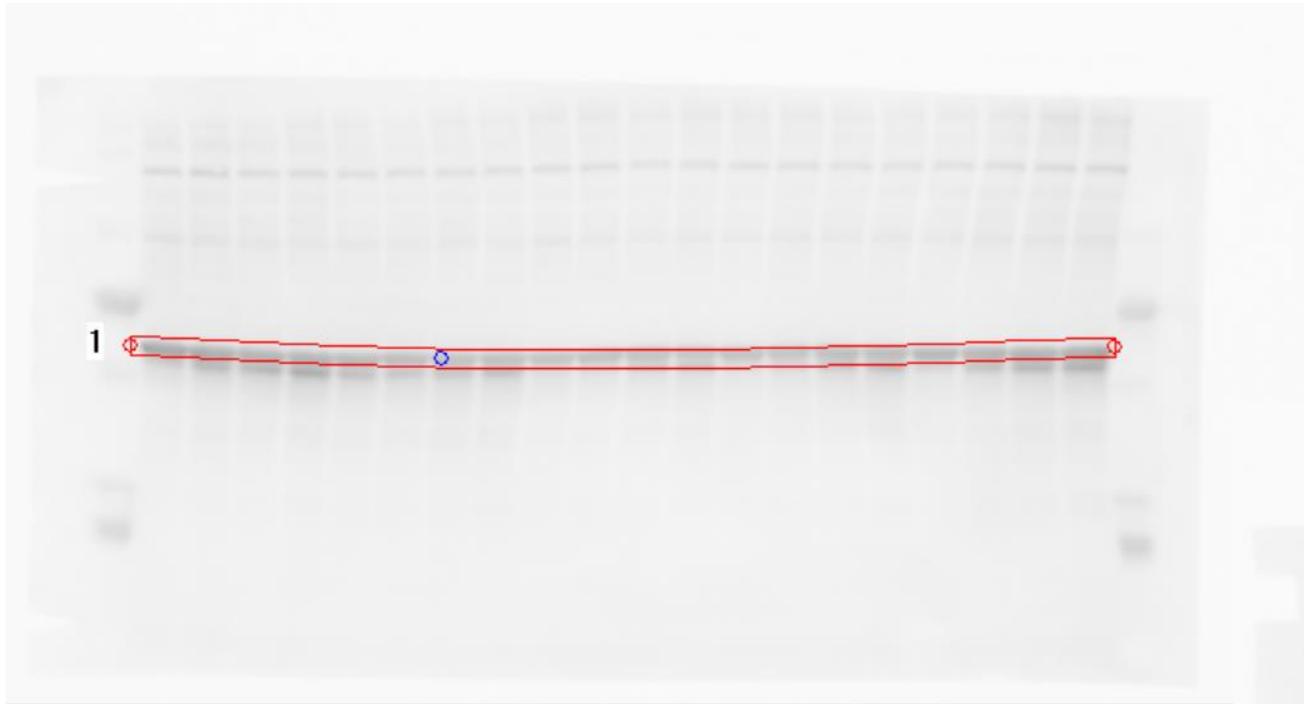
The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

# ERK2



The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

$\beta$ -actin (as loading control) to p-ERK1, p-ERK2 and total ERK-1 and ERK-2 proteins



The bands from the left: Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU, Wistar, WKY, Wistar PTU, WKY PTU

not all samples (presented on pages 1-19) were analyzed (poor quality or outliers were not analyzed)