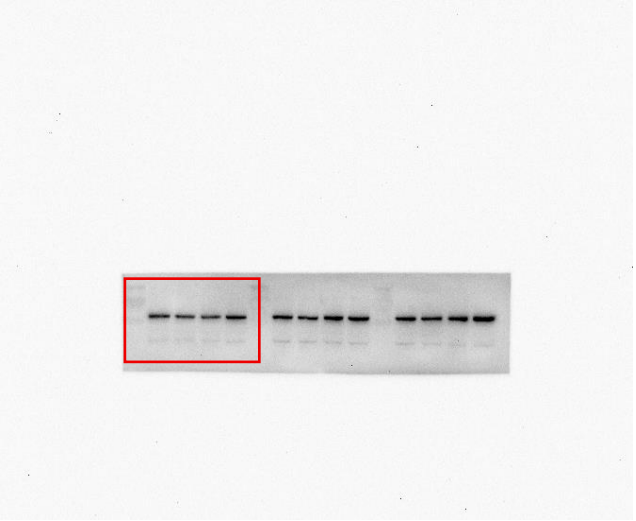
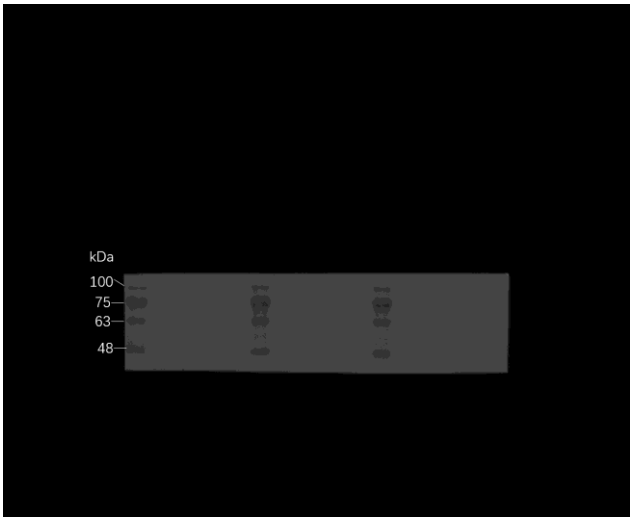
Repeat 1:

AMPK-1: Only the first set of bands belongs to this experiment. The other two sets on the same membrane are from other experiments run at the same time

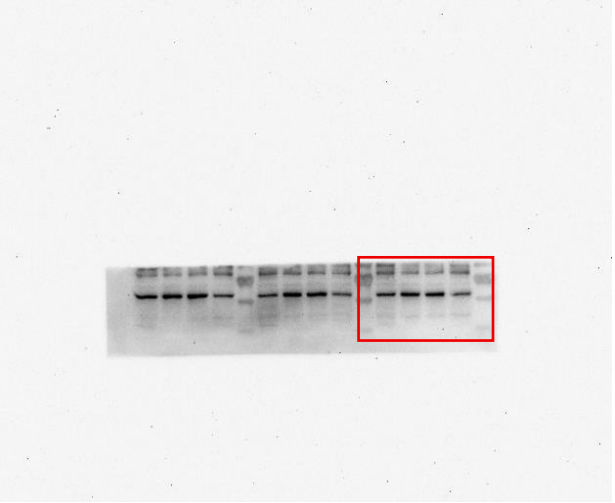
Correct lane order: BC, COFE 0.5%, COFE 1%, Metformin

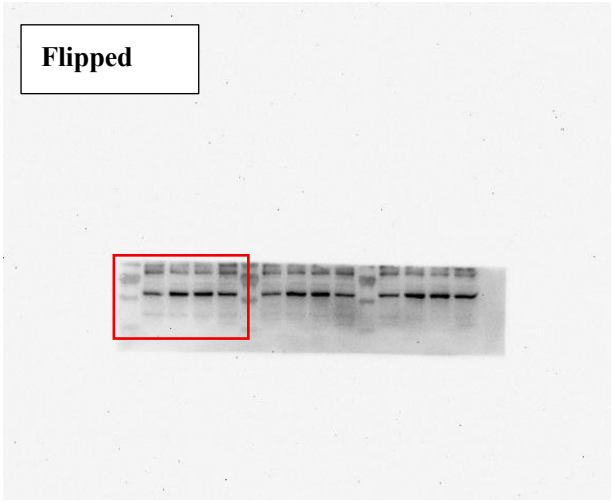


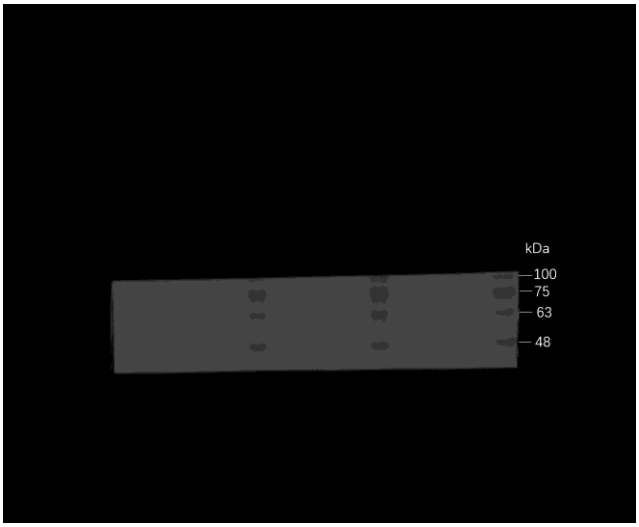


P-AMPK-1: Same situation as AMPK-1 plus one issue: the membrane was placed upside down during exposure. Therefore, the image must be horizontally flipped (left–right flipped)

After flipping, the correct order is: BC, COFE 0.5%, COFE 1%, Metformin



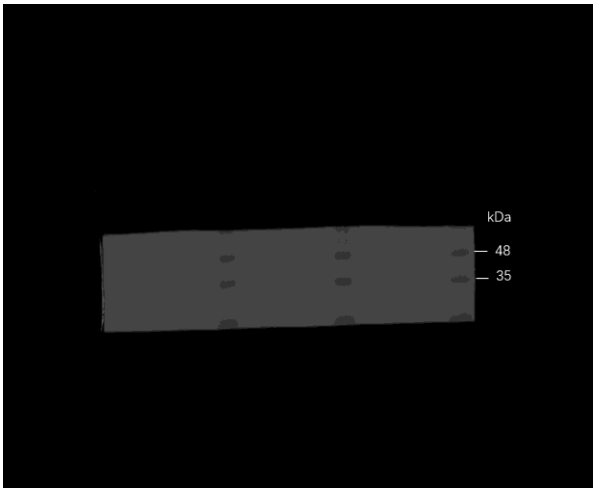




Loading control protein β-actin: Same issue as p-AMPK: Membrane upside down. Must be left–right flipped. After flipping, lane order is: BC, COFE 0.5%, COFE 1%, Metformin

Flipped



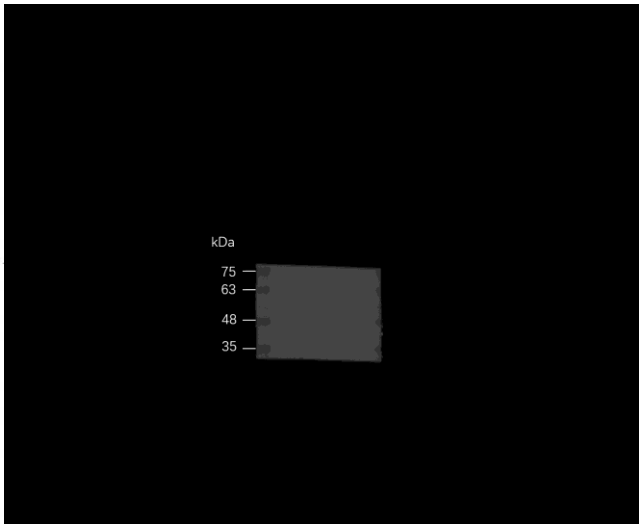


Repeat 2

AMPK-2:

Lane order: BC, COFE 0.5%, COFE 1%, Metformin

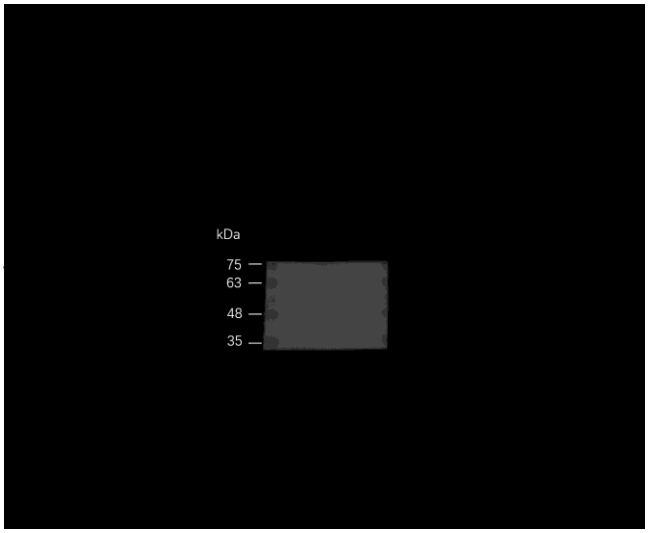




P-AMPK-2:

Lane order: BC, COFE 0.5%, COFE 1%, Metformin

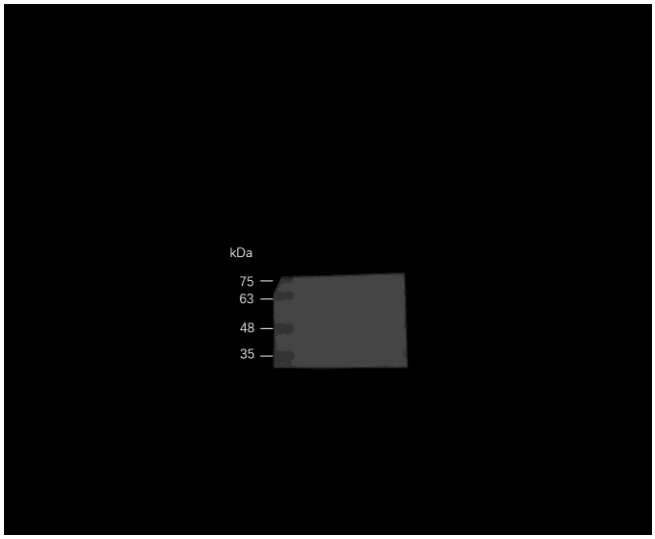




Loading control protein β-actin:

Lane order: BC, COFE 0.5%, COFE 1%, Metformin

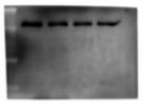


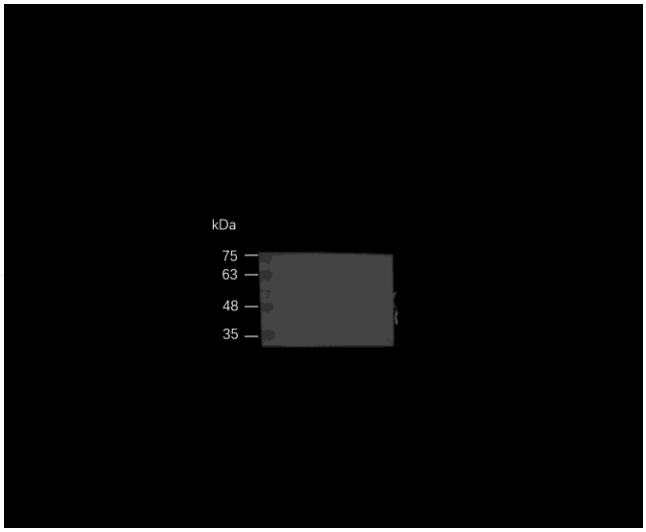


Repeat 3:

AMPK-3:

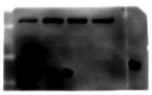
Lane order: BC, COFE 0.5%, COFE 1%, Metformin

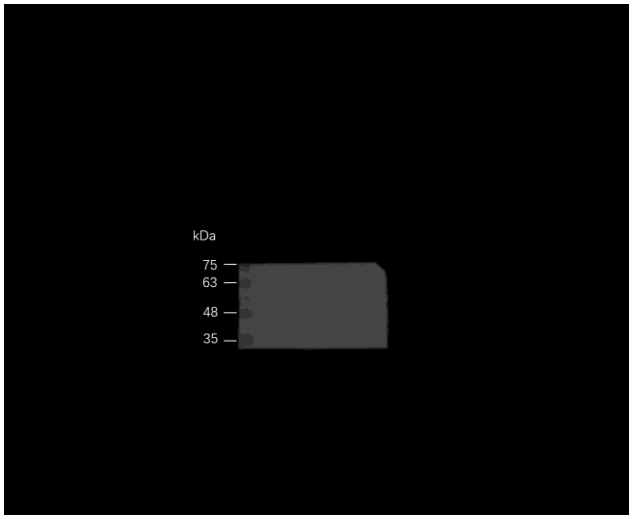




P-AMPK-3:

Lane order: BC, COFE 0.5%, COFE 1%, Metformin





Loading control protein β-actin:

Lane order: BC, COFE 0.5%, COFE 1%, Metformin

