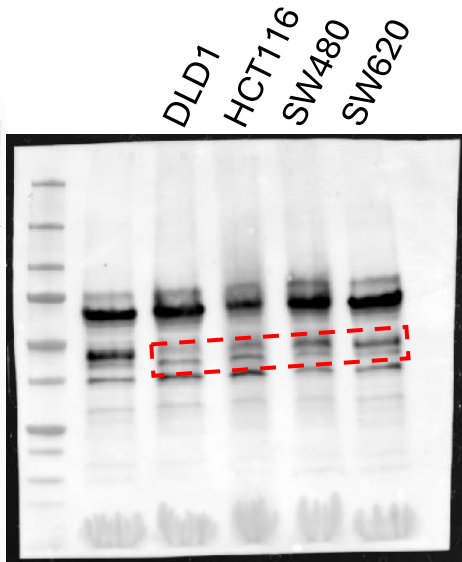
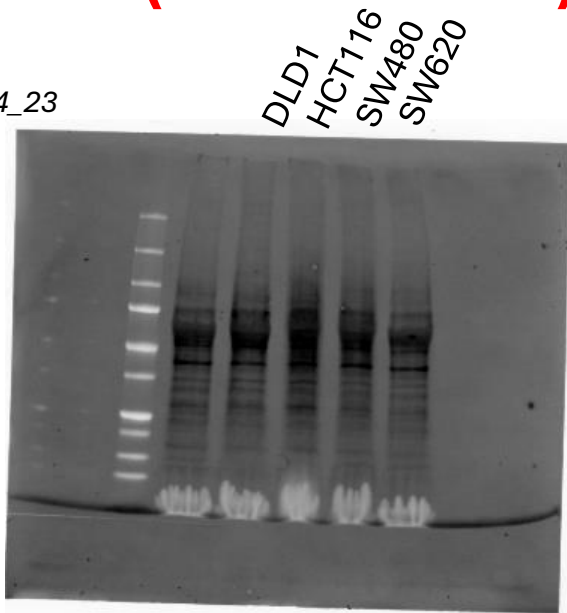


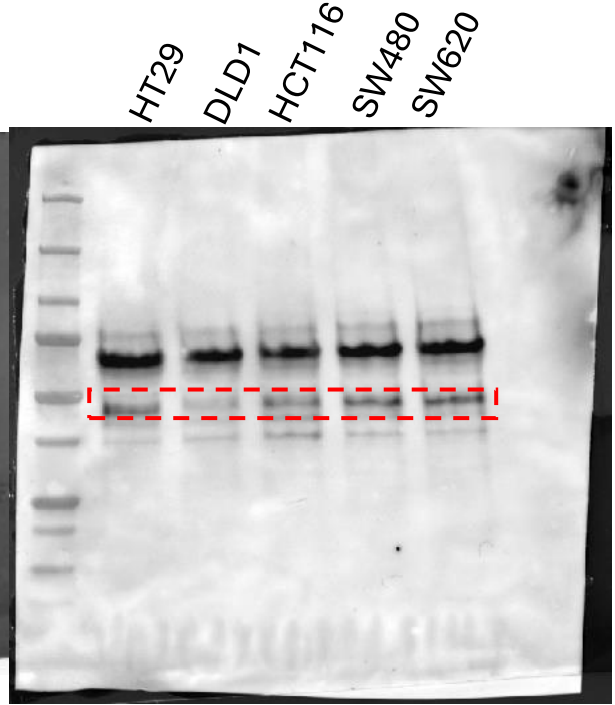
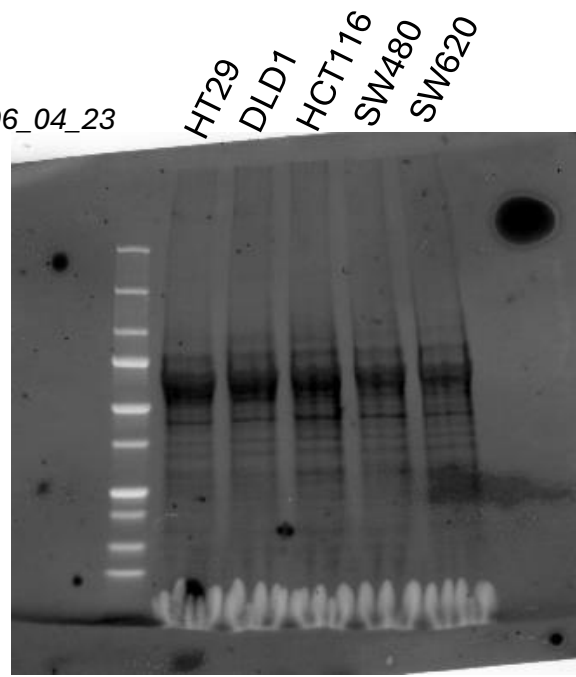
Colon lines  
Figure 1C

# MICU1 ( $\approx 50 / 55\text{kDa}$ )

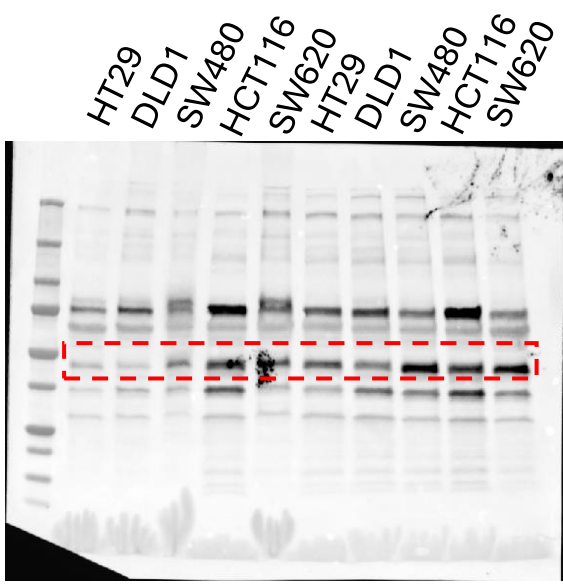
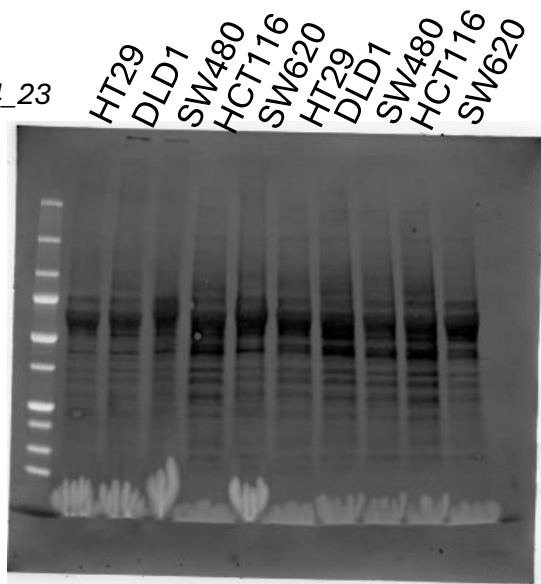
01\_04\_23



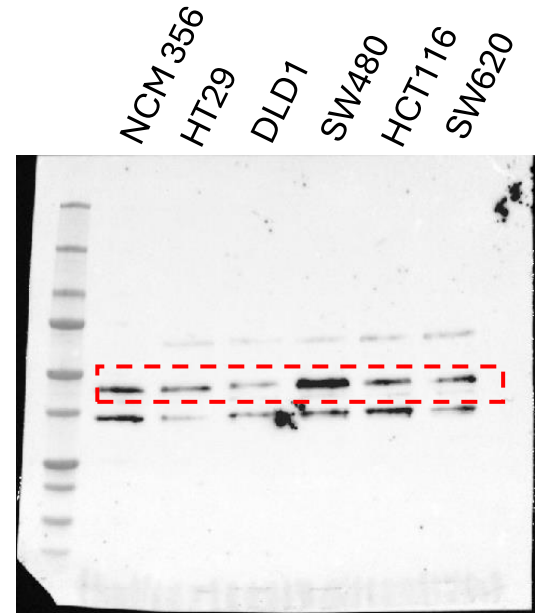
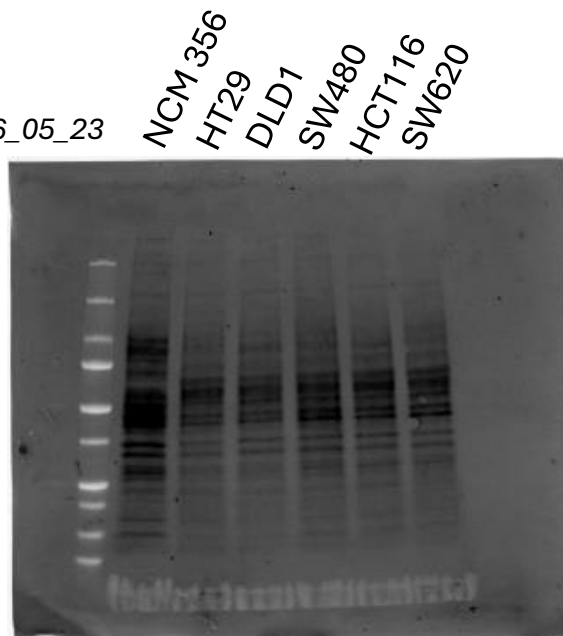
06\_04\_23



28\_04\_23



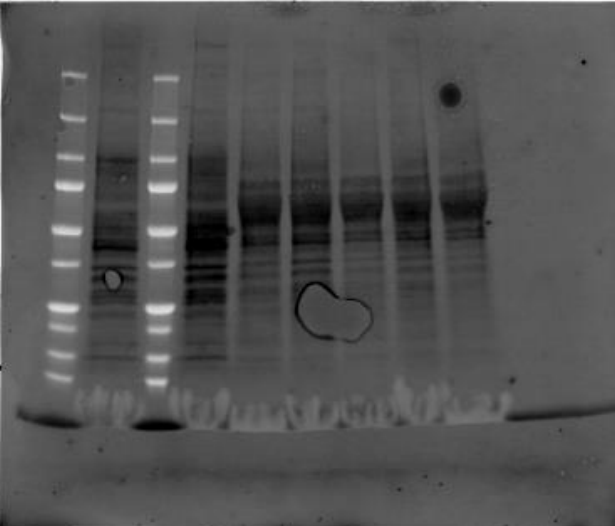
06\_05\_23



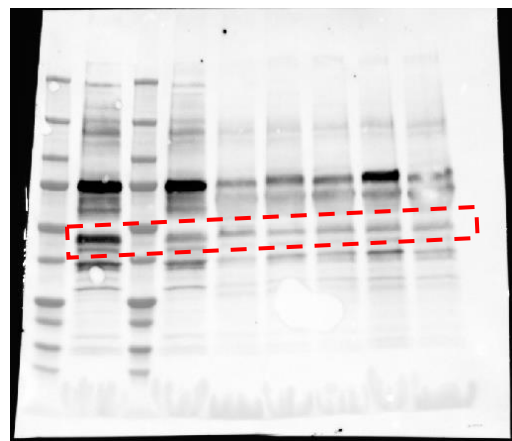
# MICU1 ( $\approx 50 / 55$ kDa)

24\_05\_23

NCM 356  
NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620

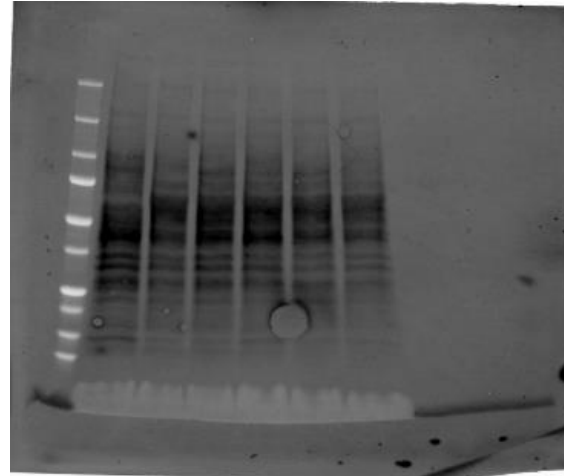


NCM 356  
NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620

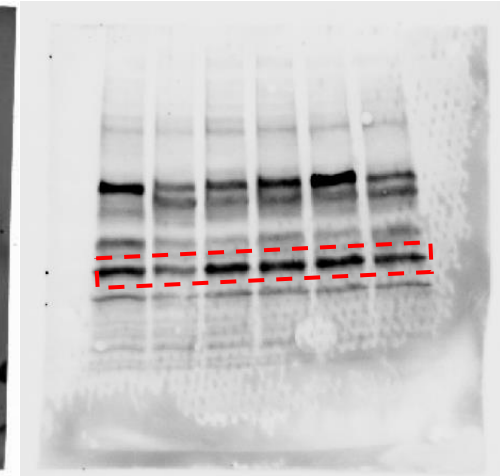


26\_05\_23

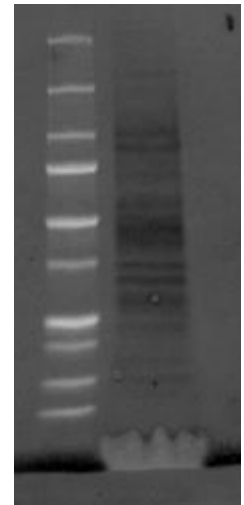
NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620



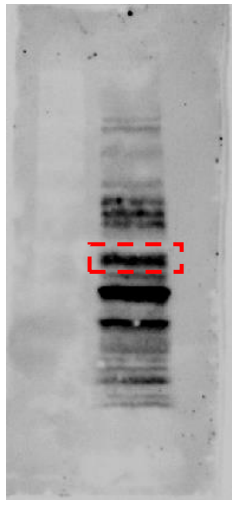
NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620



14\_06\_23 NCM 356



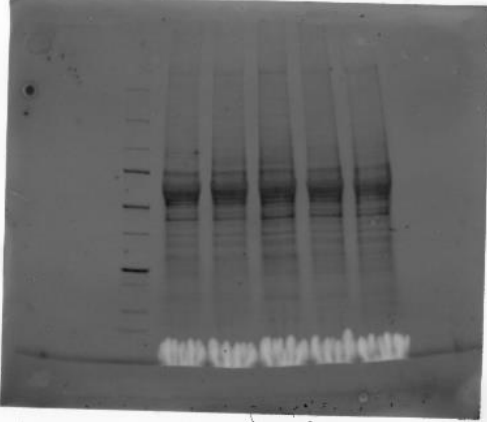
NCM 356



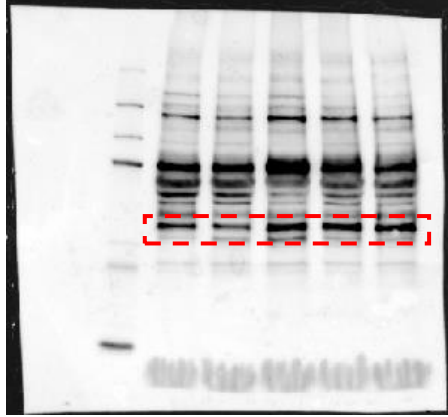
# MICU2 ( $\approx 50\text{kDa}$ )

02\_03\_23

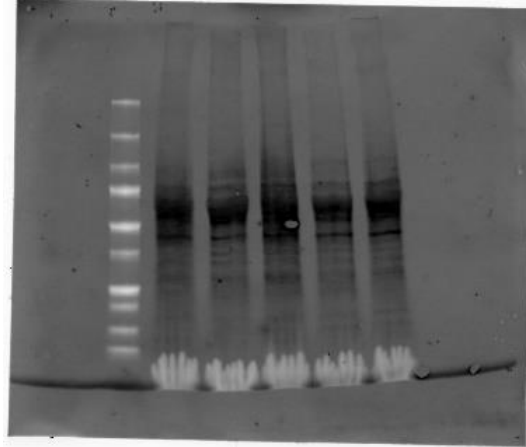
HT29  
DLD1  
HCT116  
SW480  
SW620



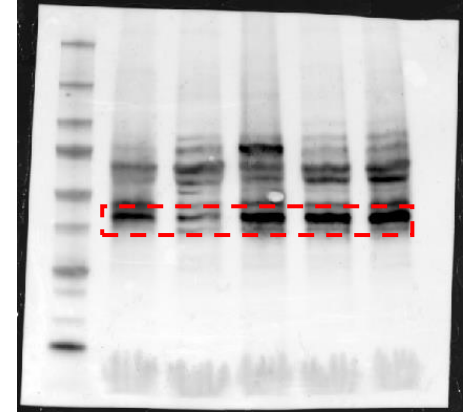
HT29  
DLD1  
HCT116  
SW480  
SW620



HT29  
DLD1  
HCT116  
SW480  
SW620



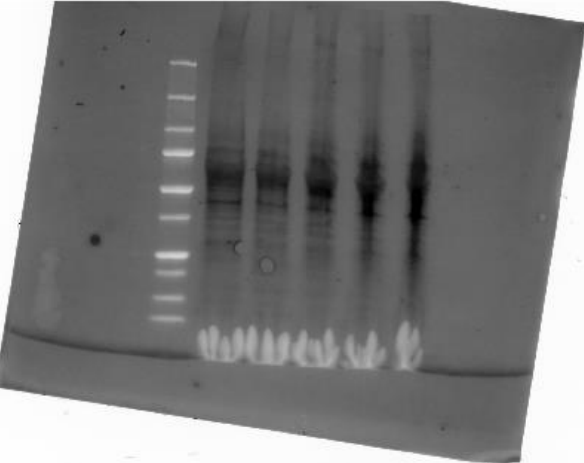
HT29  
DLD1  
HCT116  
SW480  
SW620



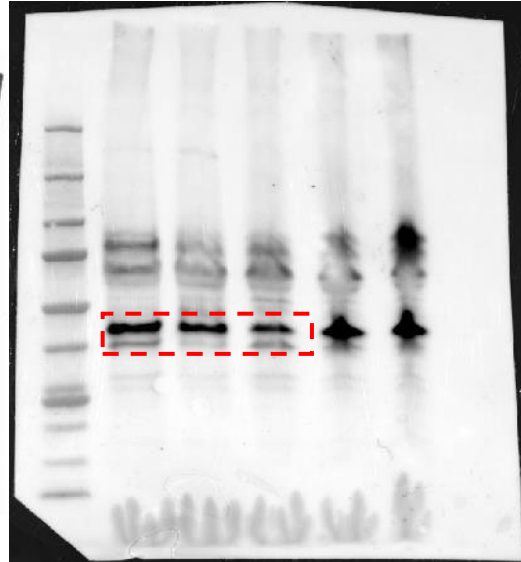
01\_04\_23

06\_04\_23

HT29  
DLD1  
HCT116

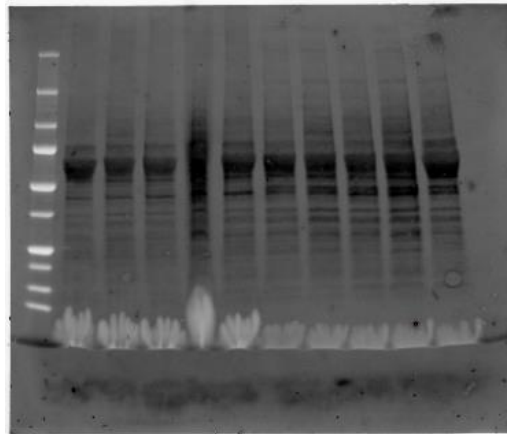


HT29  
DLD1  
HCT116

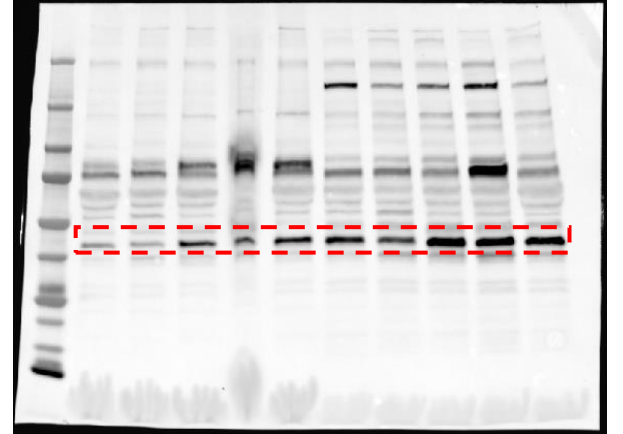


28\_04\_23

HT29  
DLD1  
SW480  
HCT116  
SW620  
HT29  
DLD1  
SW480  
HCT116  
SW620



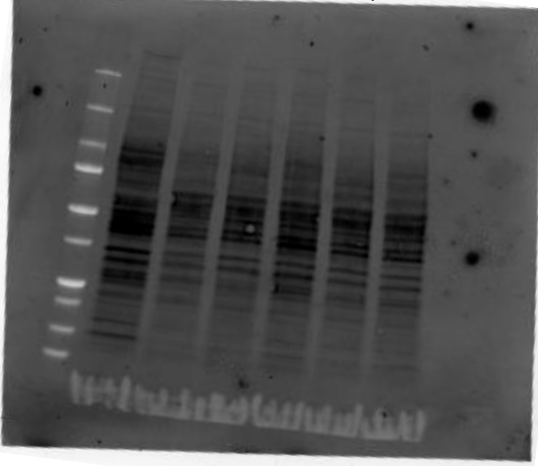
HT29  
DLD1  
SW480  
HCT116  
SW620  
HT29  
DLD1  
SW480  
HCT116  
SW620



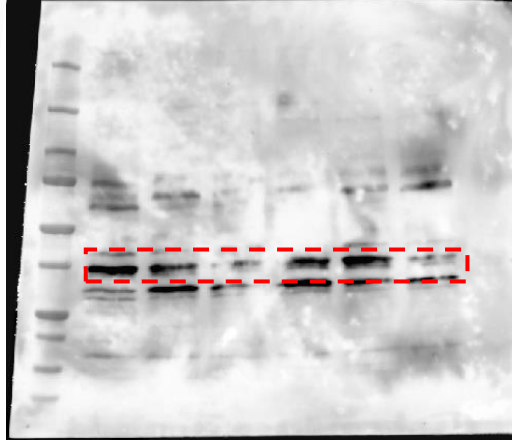
# MICU2 ( $\approx 50$ kDa)

06\_05\_23

NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620

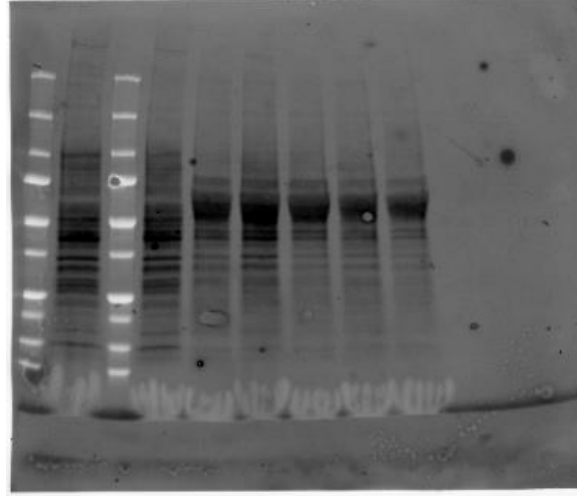


NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620

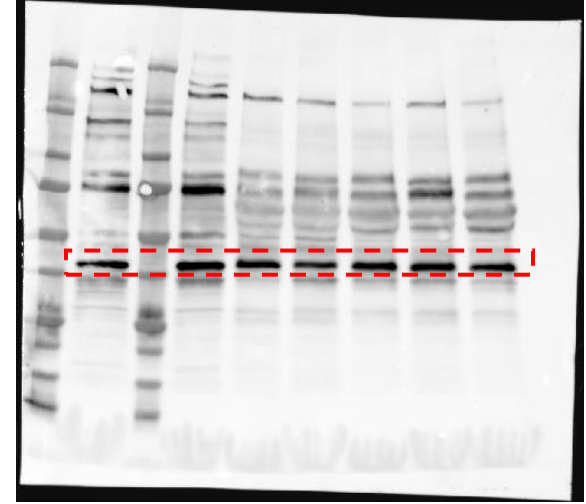


24\_05\_23

NCM 356  
NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620

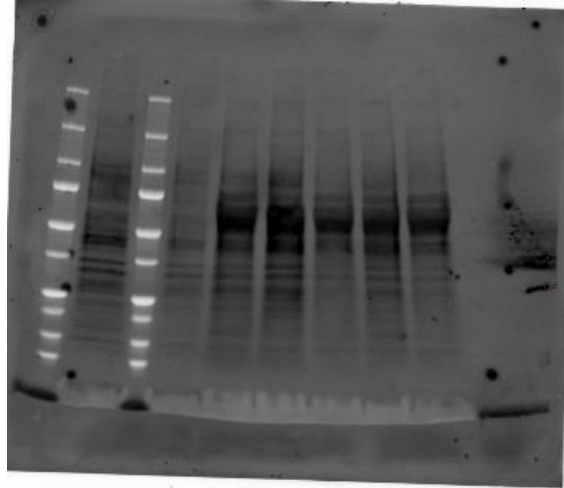


NCM 356  
NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620

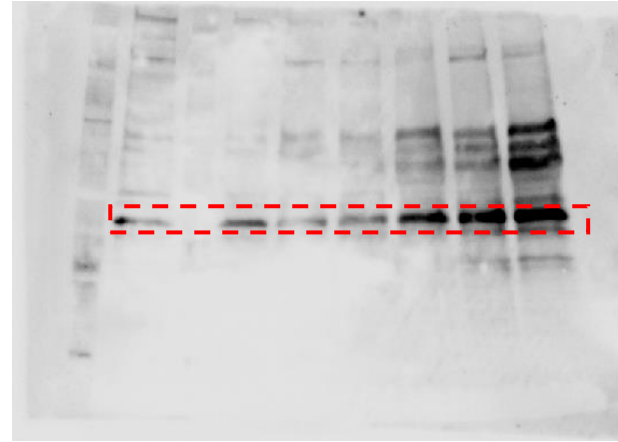


26\_05\_23

NCM 356  
NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620



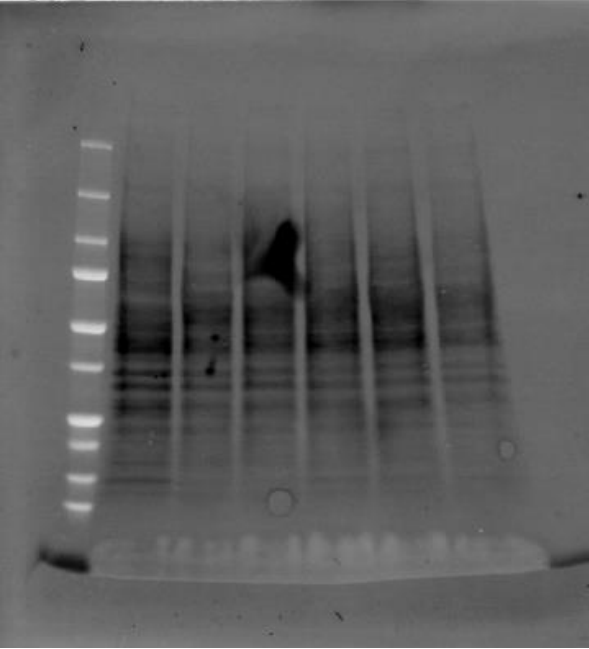
NCM 356  
NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620



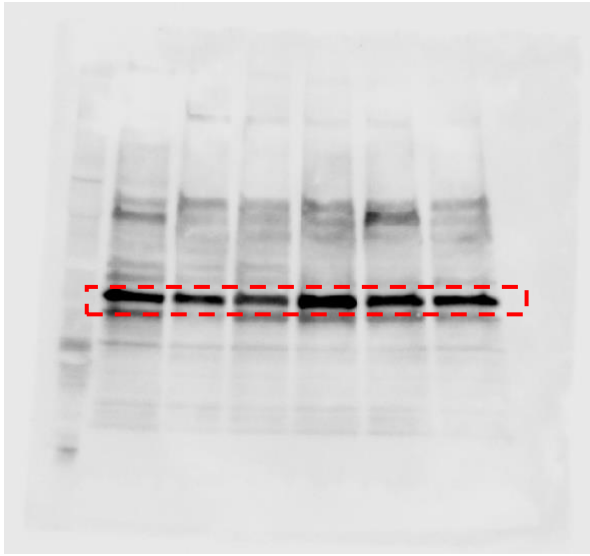
# MICU2 (≈50kDa)

26\_05\_23

NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620

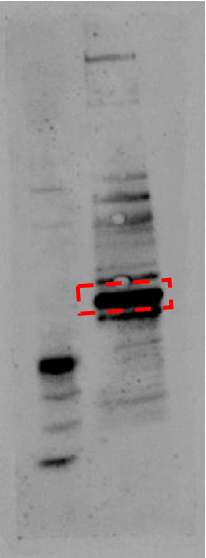
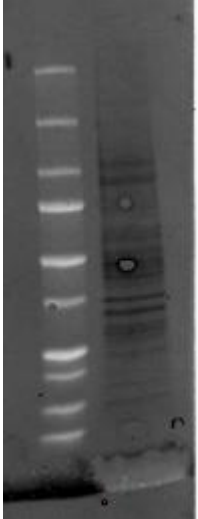


NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620

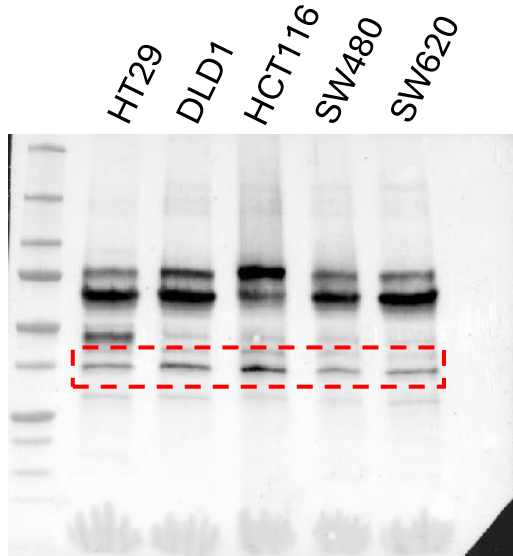
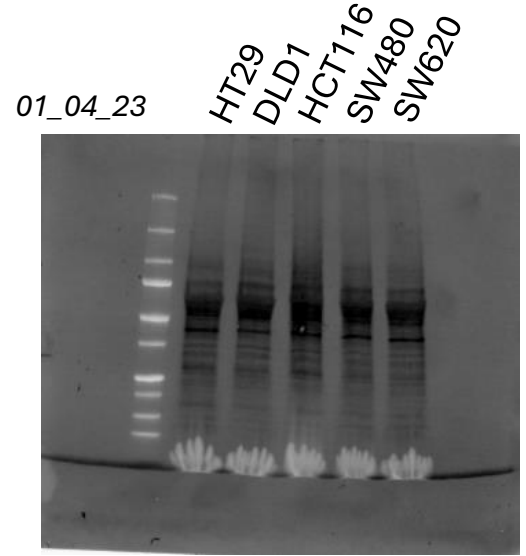
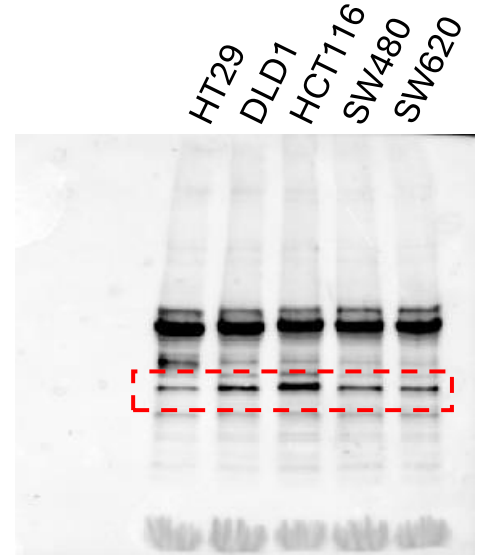
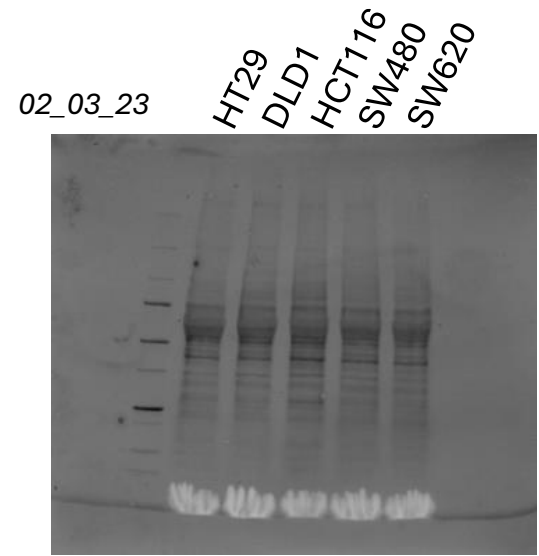
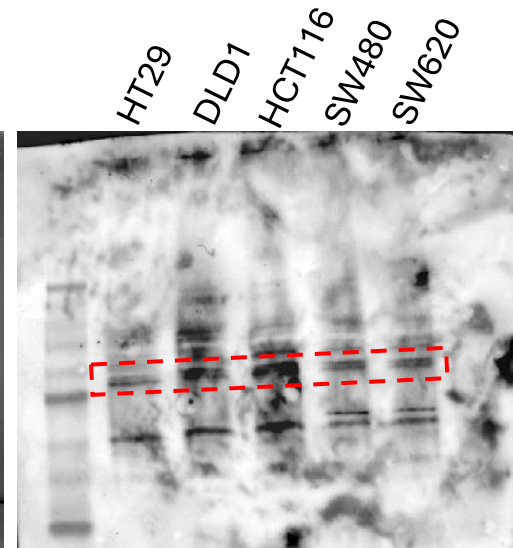
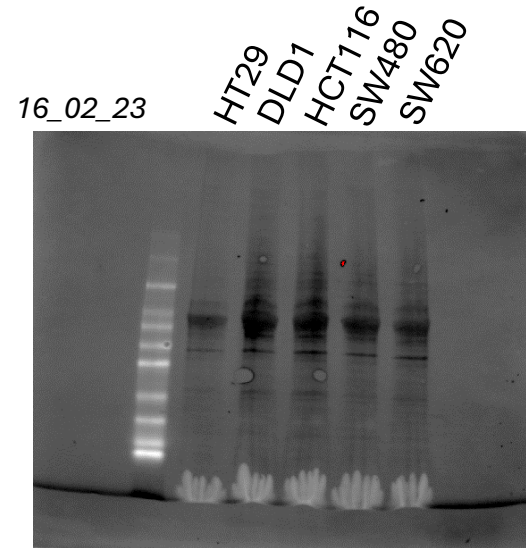
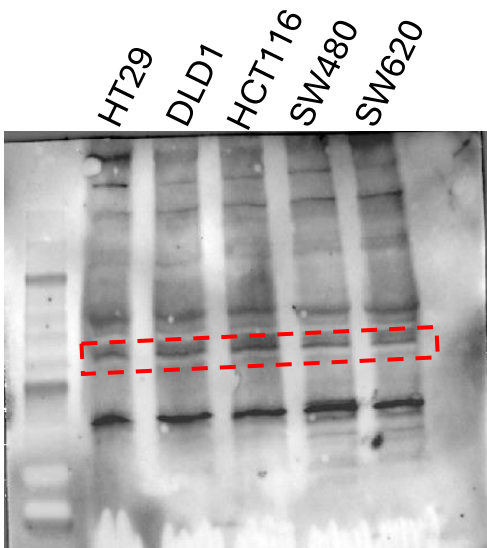
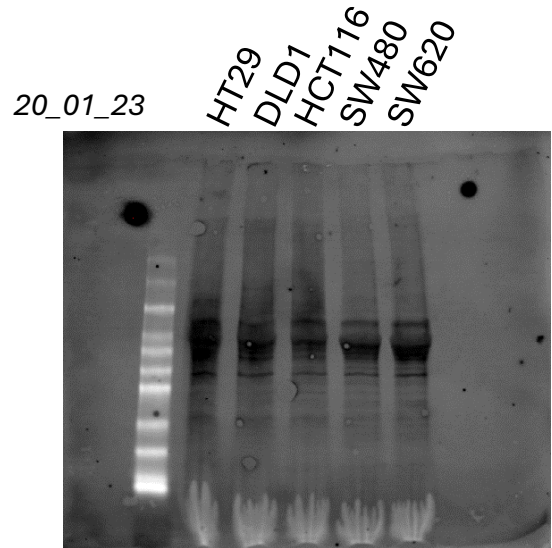


14\_06\_23

NCM 356  
NCM 356

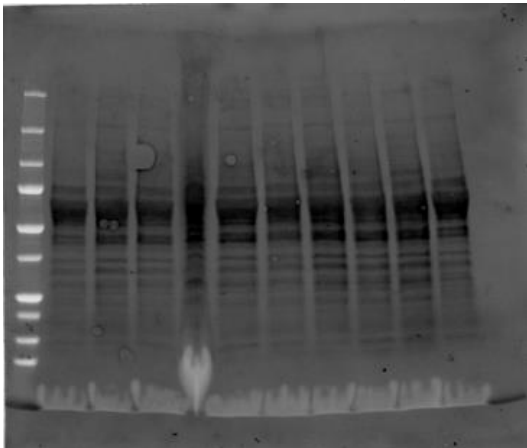


# MCU ( $\approx 35 / 40\text{kDa}$ )

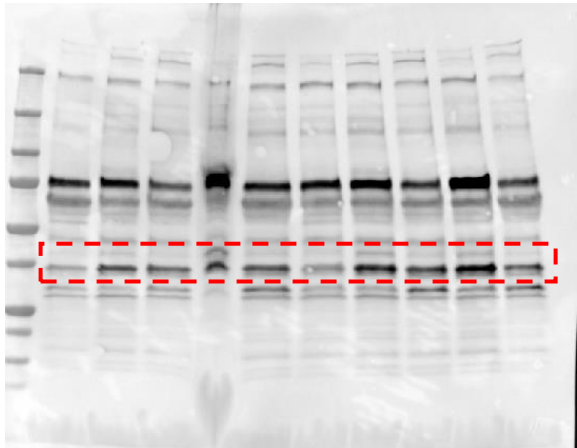


# MCU ( $\approx 35 / 40\text{kDa}$ )

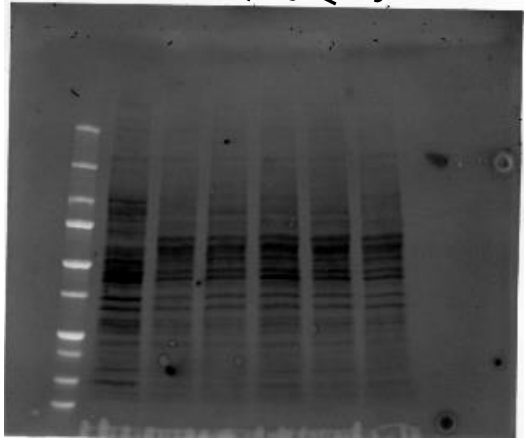
28\_04\_23  
HT29  
DLD1  
SW480  
SW620  
HT29  
DLD1  
SW480  
HCT116  
SW620



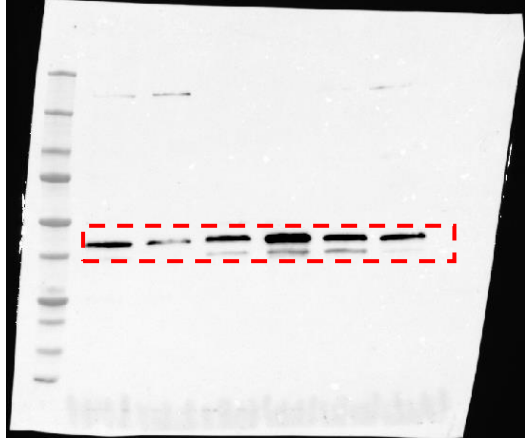
HT29  
DLD1  
SW480  
SW620  
HT29  
DLD1  
SW480  
HCT116  
SW620



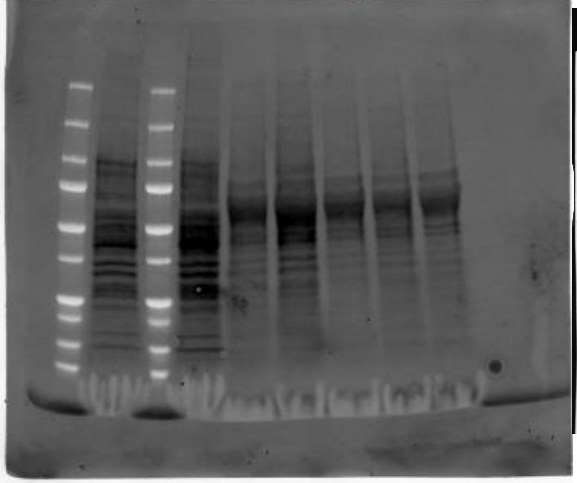
06\_05\_23  
NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620



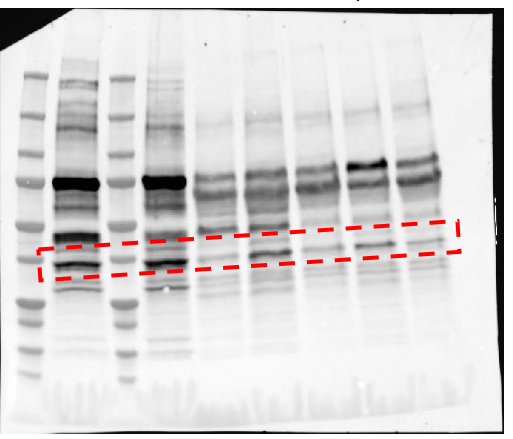
NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620



24\_05\_23  
NCM 356  
NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620



NCM 356  
NCM 356  
HT29  
DLD1  
SW480  
HCT116  
SW620

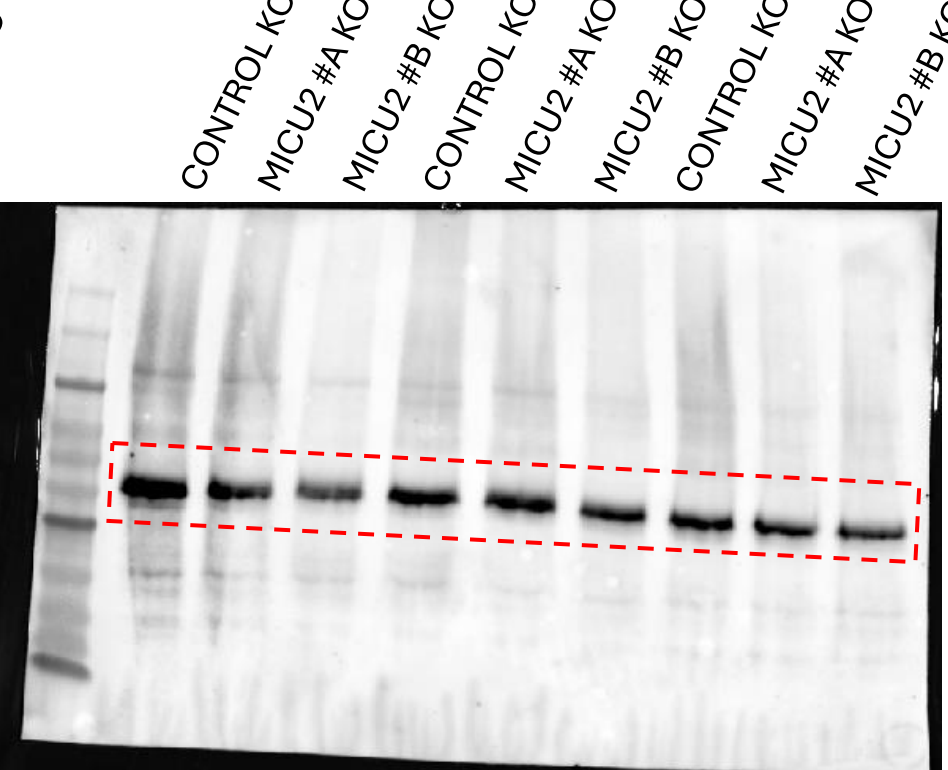
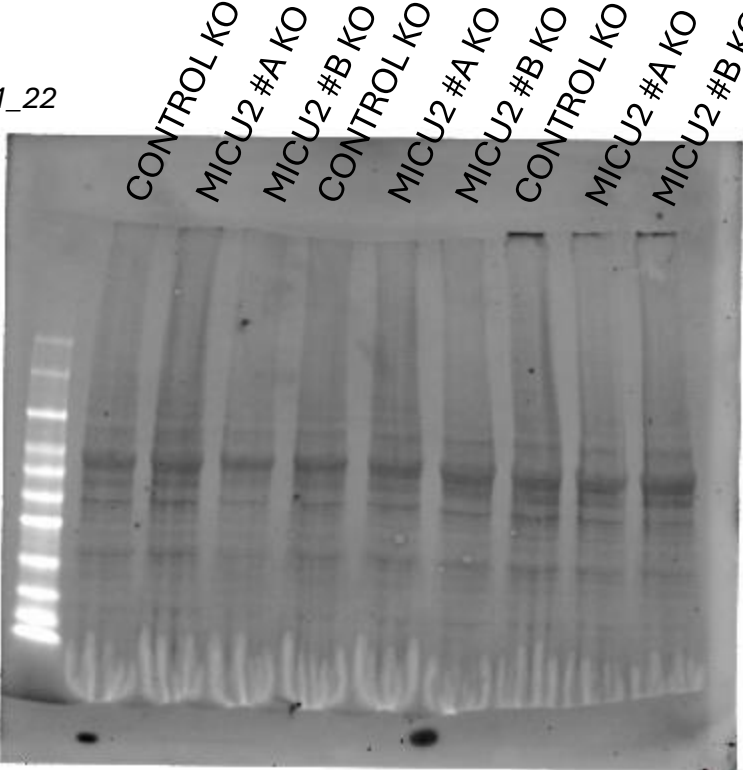




KO lines  
Figure 1D

# MICU1 (≈50 / 55kDa)

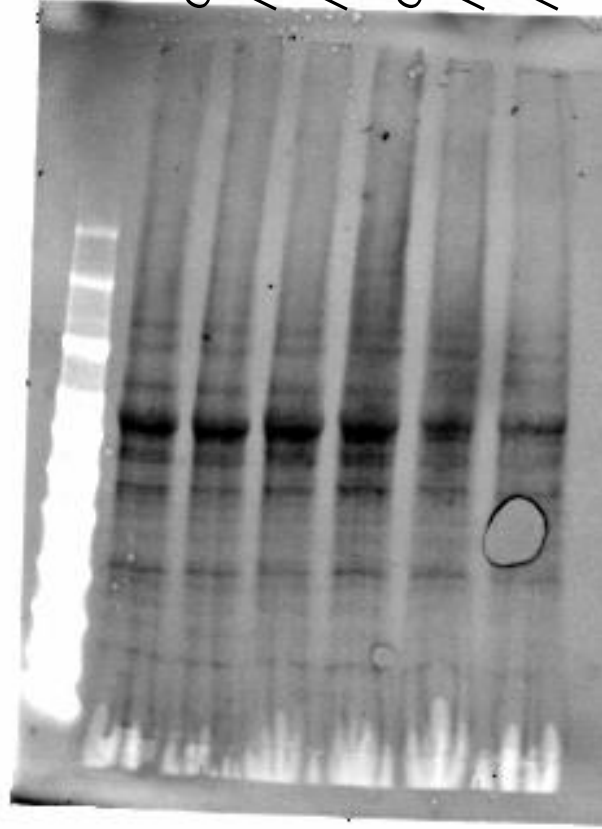
16\_11\_22



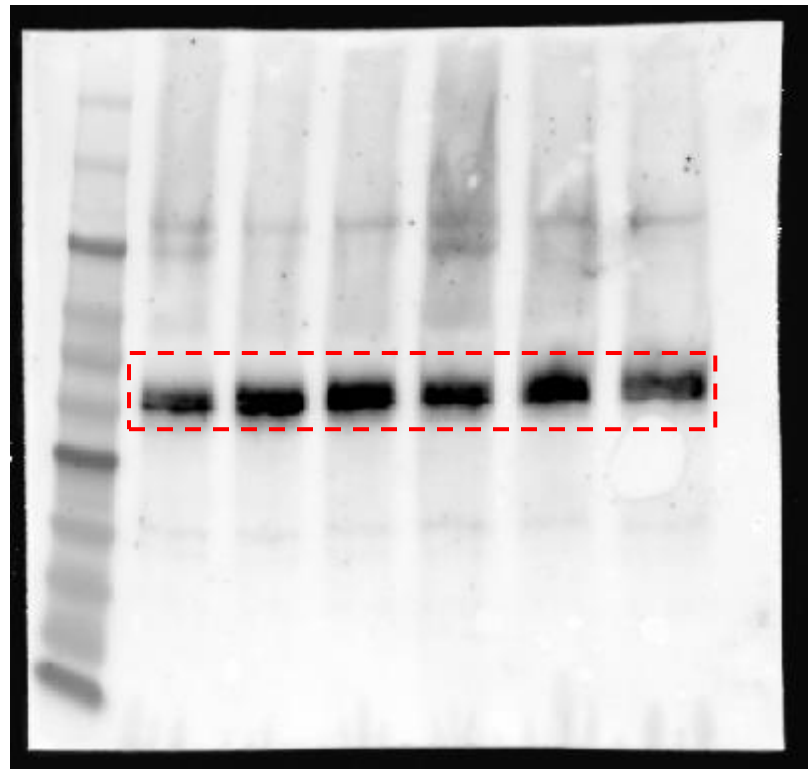
# MICU1 (≈50 / 55kDa)

25\_11\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO  
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

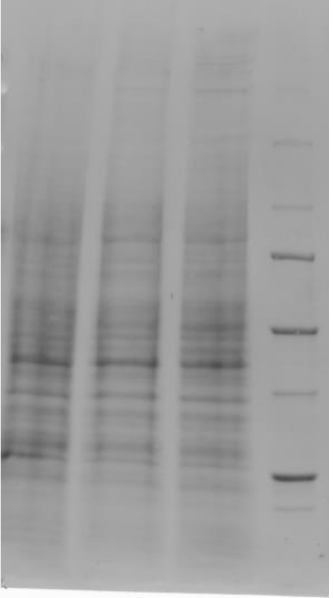


CONTROL KO  
MICU2 #A KO  
MICU2 #B KO  
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

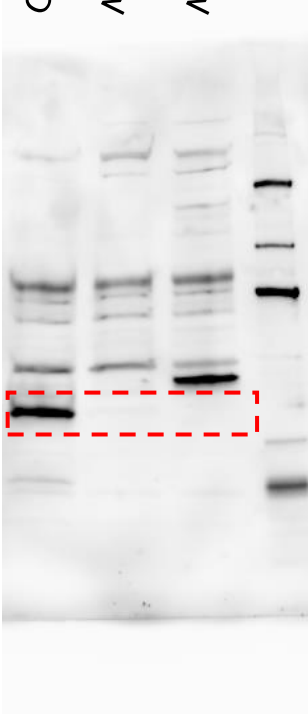


# MICU2 (≈50kDa)

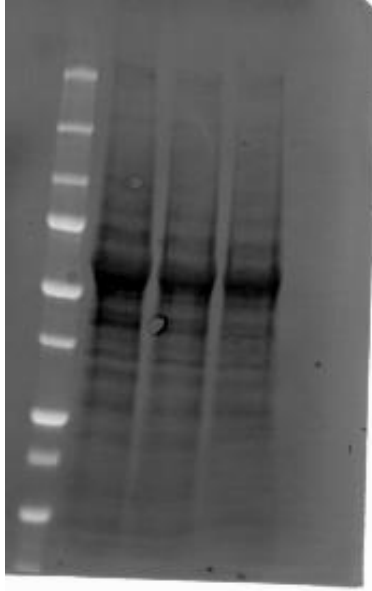
04\_02\_22  
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



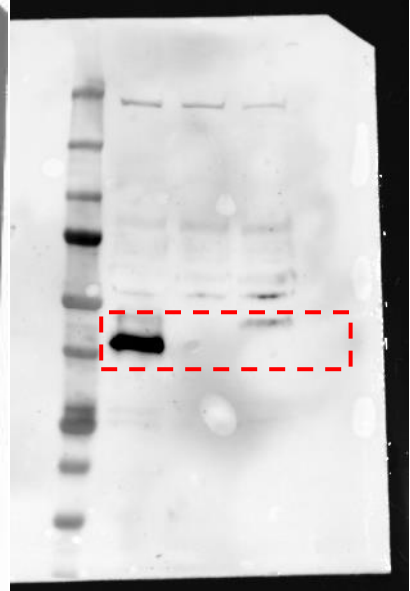
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



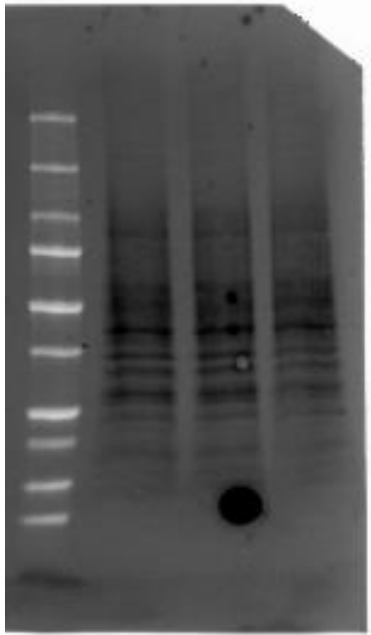
10\_02\_22  
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



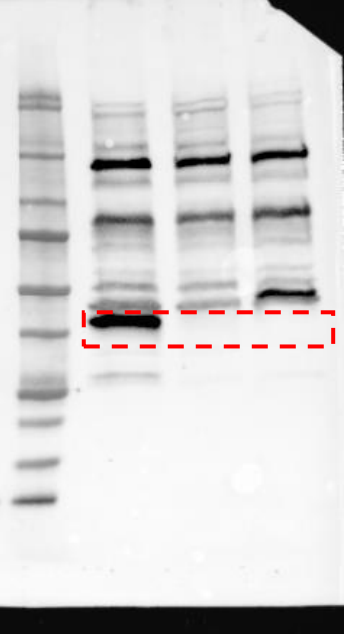
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



31\_03\_22  
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



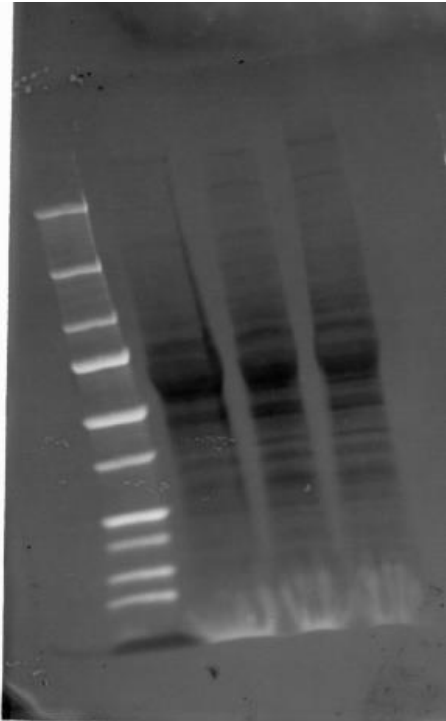
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



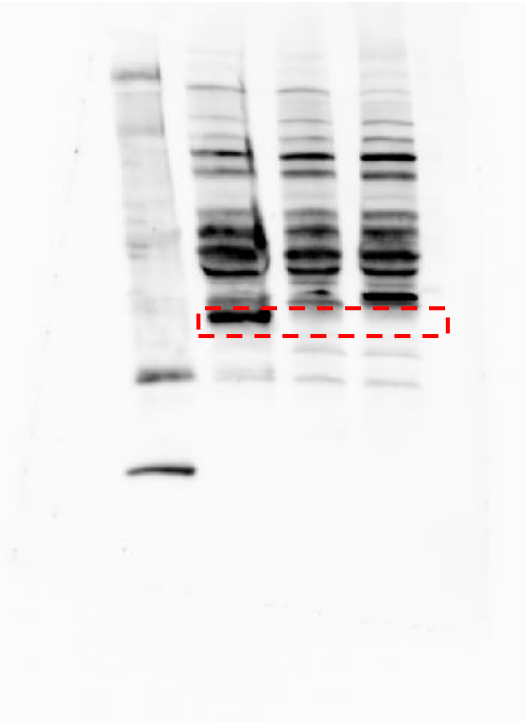
# MICU2 (≈50kDa)

27\_04\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



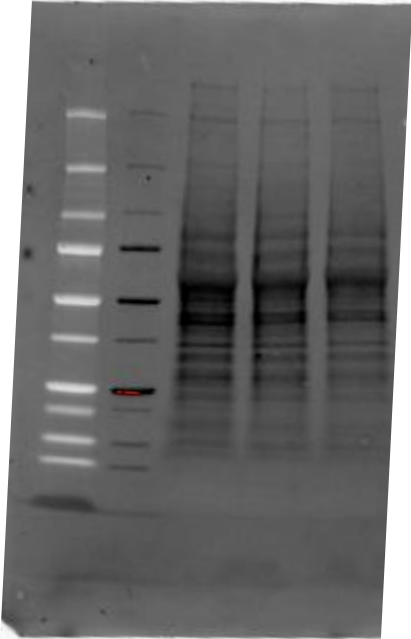
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



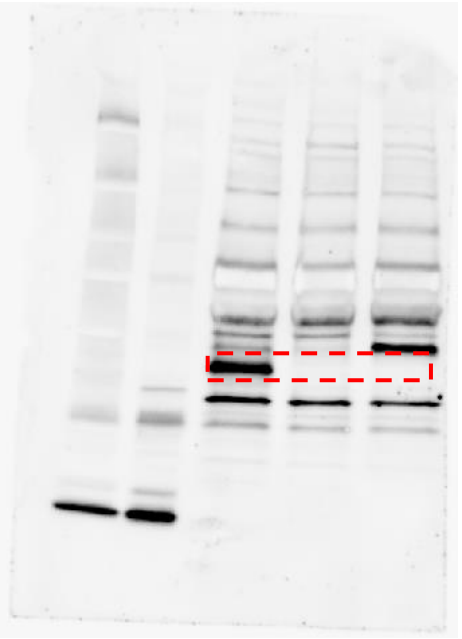
# MICU2 (≈50kDa)

28\_04\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

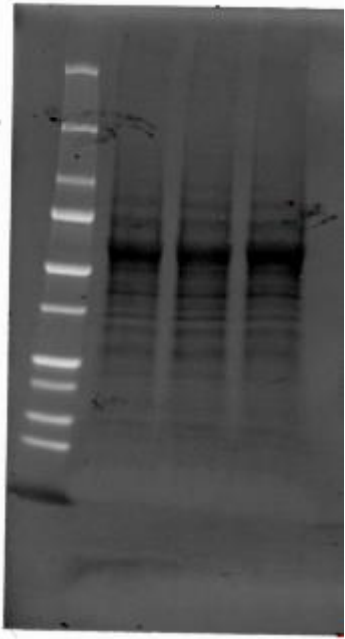


CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

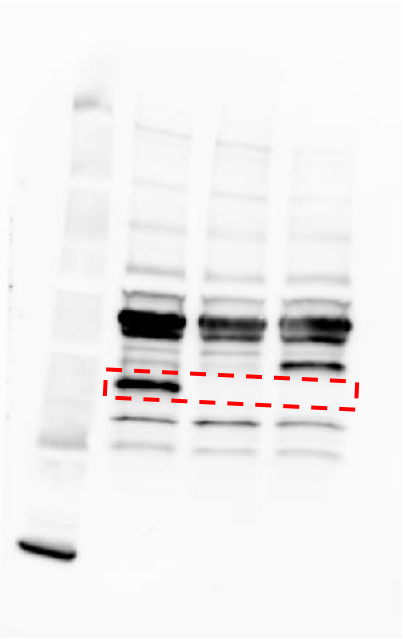


28\_04\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

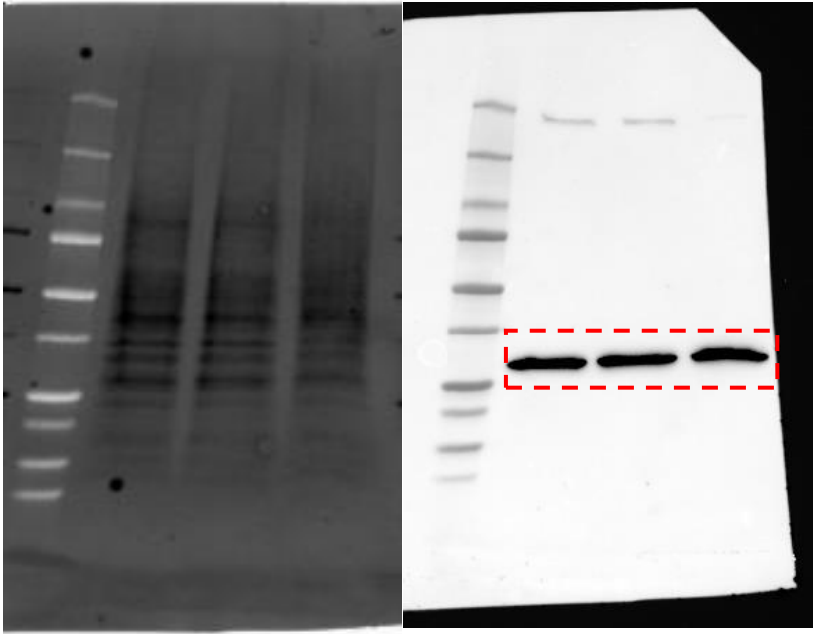


# MCU ( $\approx 35 / 40$ kDa)

31\_03\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

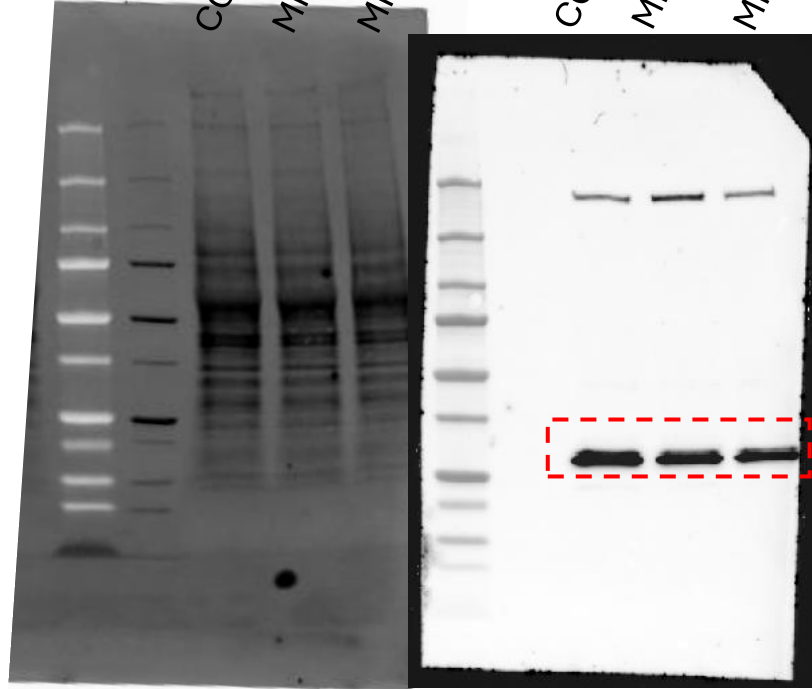
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



21\_04\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

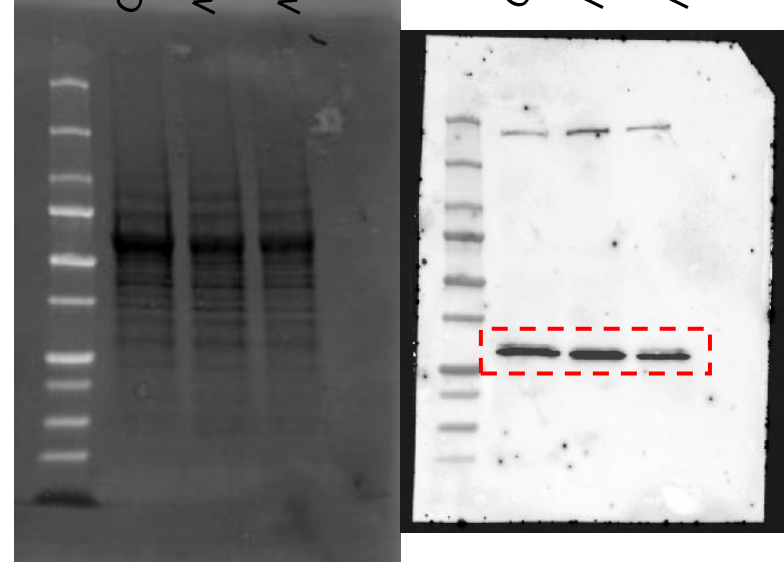
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



22\_04\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

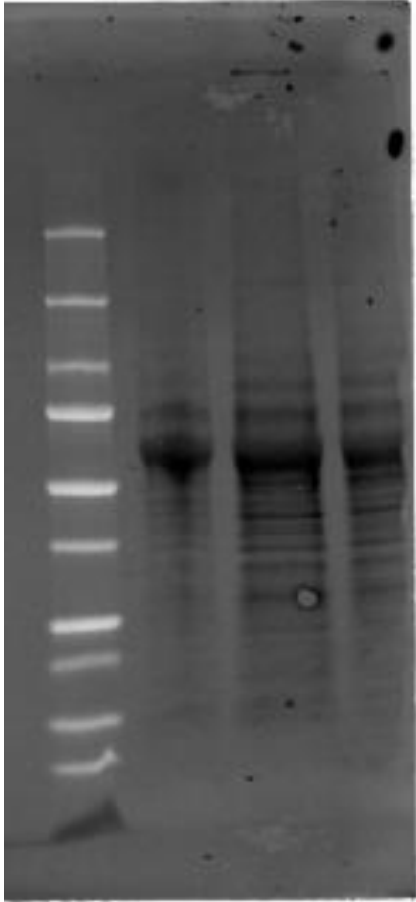
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



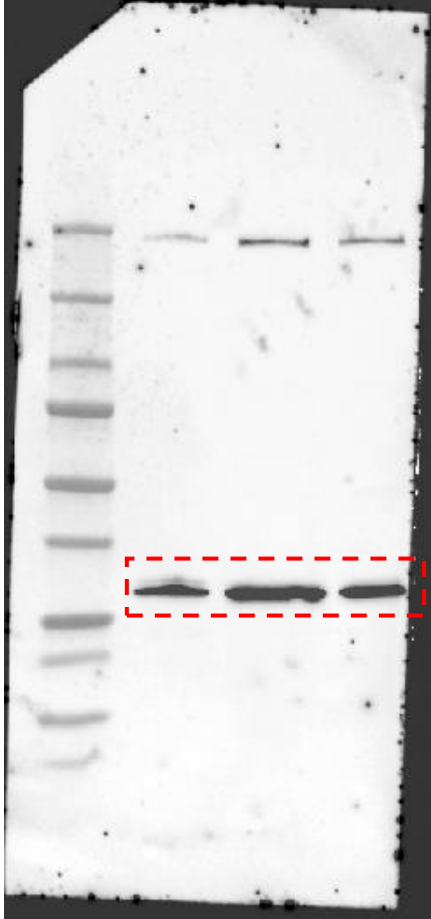
# MCU ( $\approx 35 / 40\text{kDa}$ )

22\_04\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

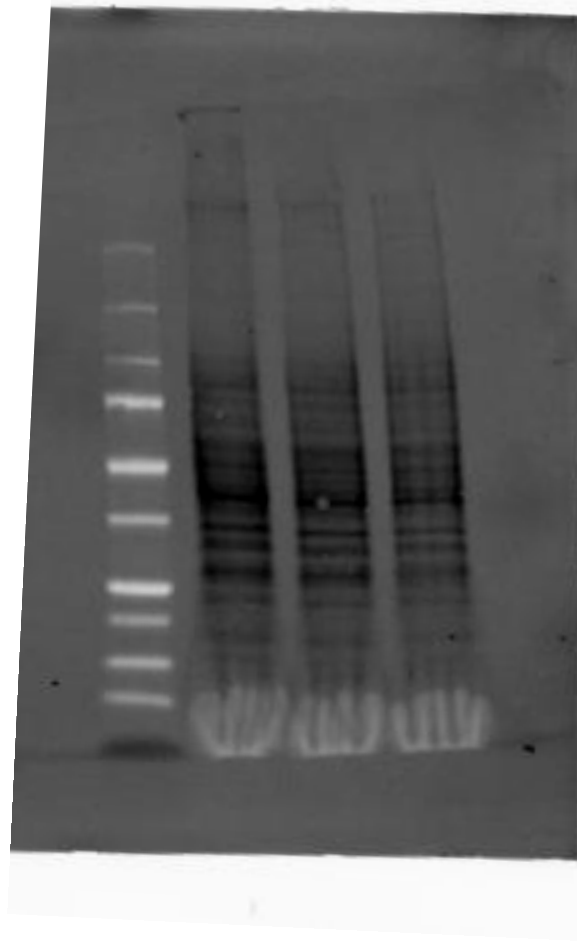


CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

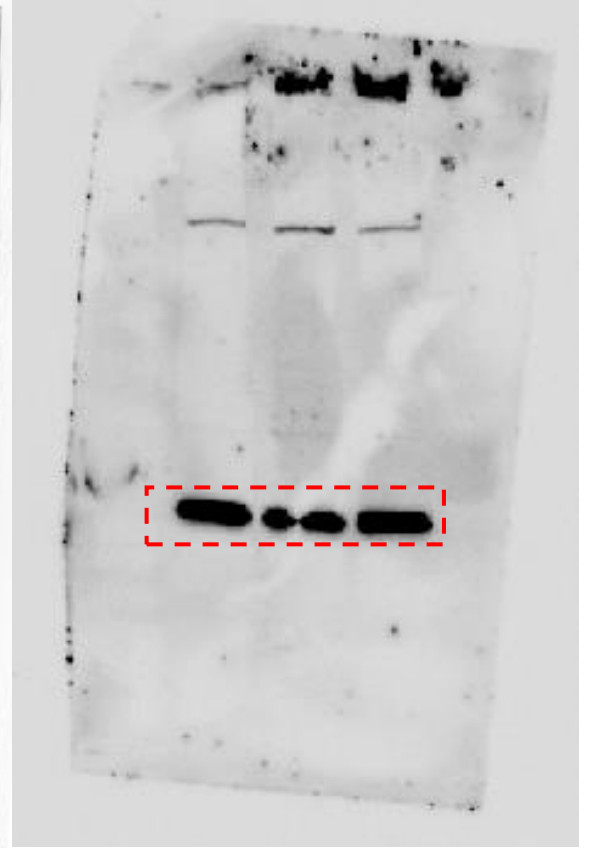


10\_05\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



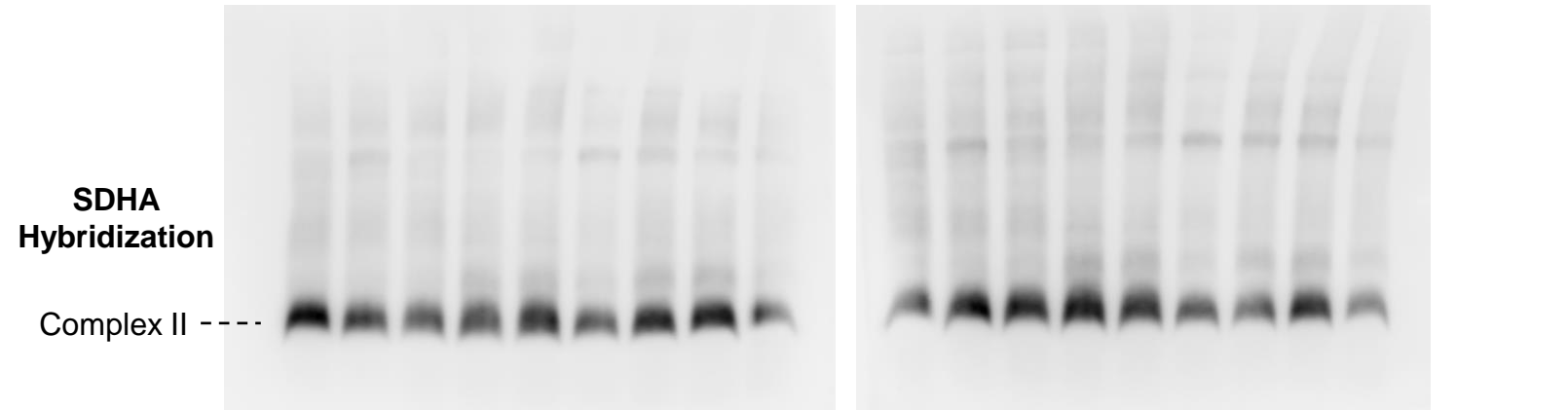
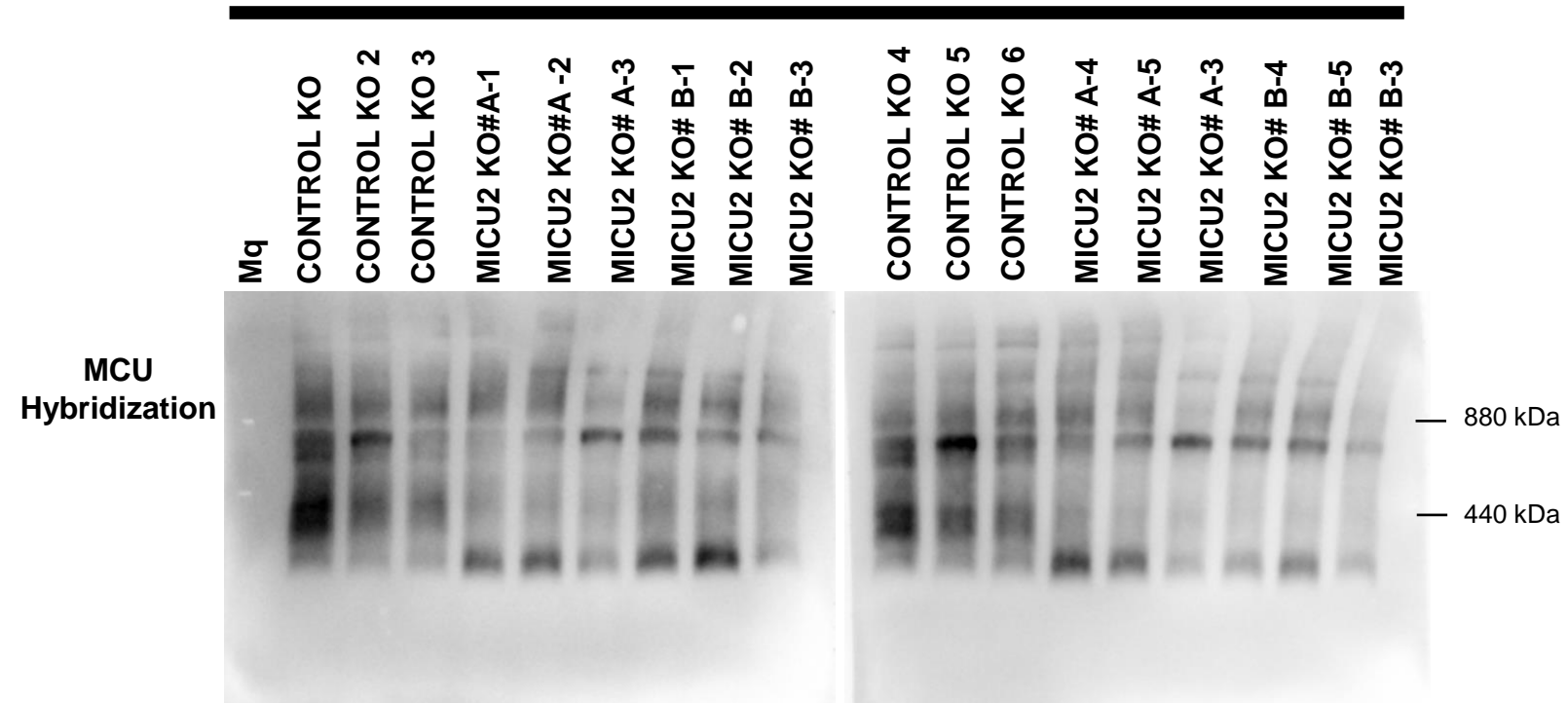
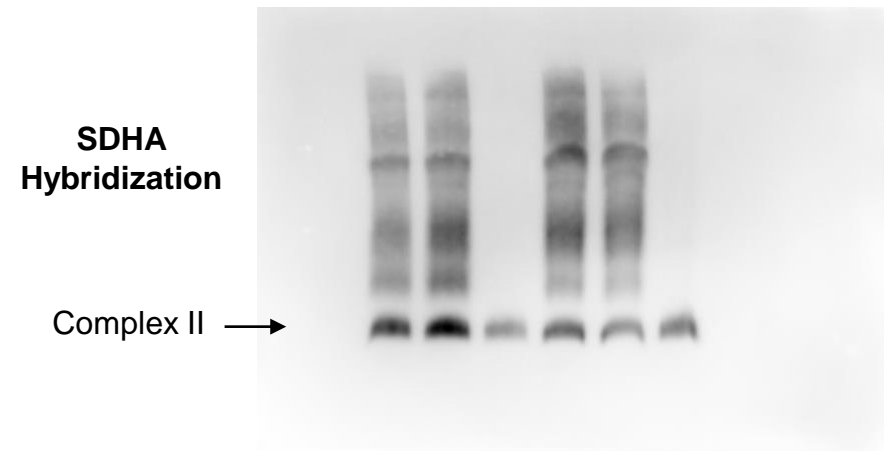
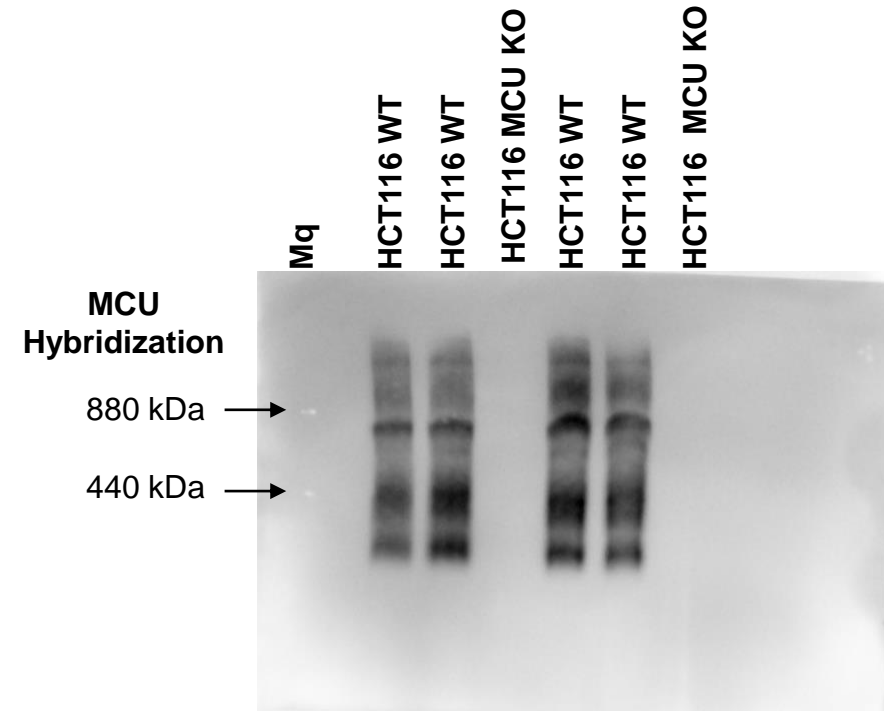
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO





KO lines  
Figure 1E

# HCT116

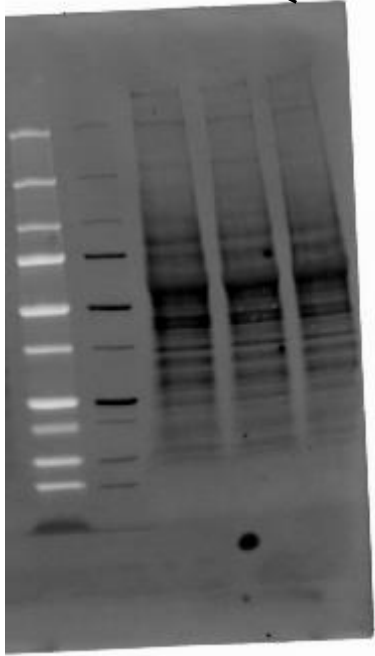


KO lines  
Figure 3D

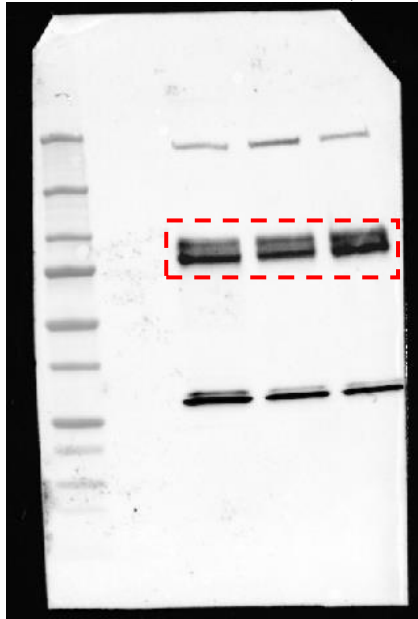
# OPA1 ( $\approx 80 / 100\text{kDa}$ )

25\_04\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

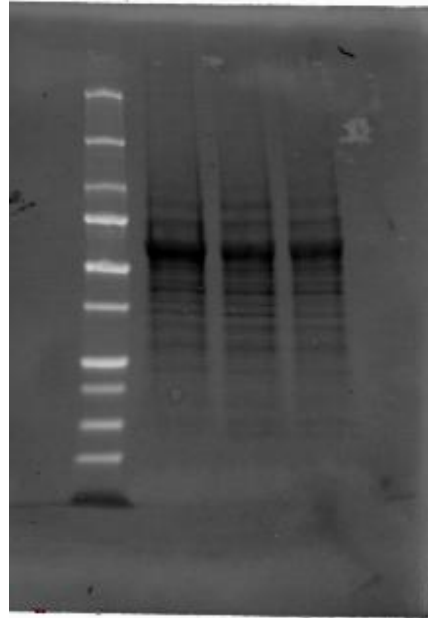


CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

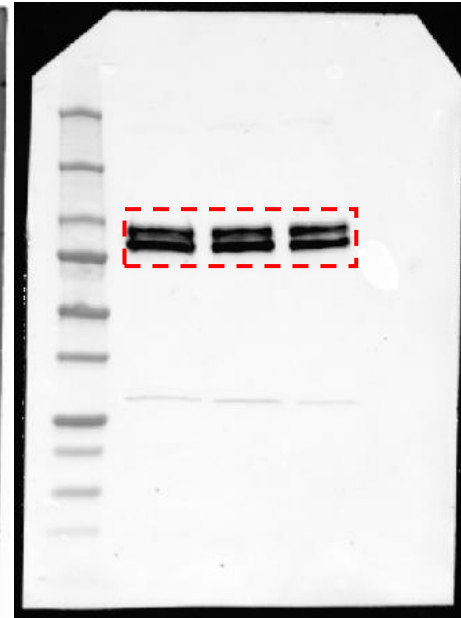


25\_04\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



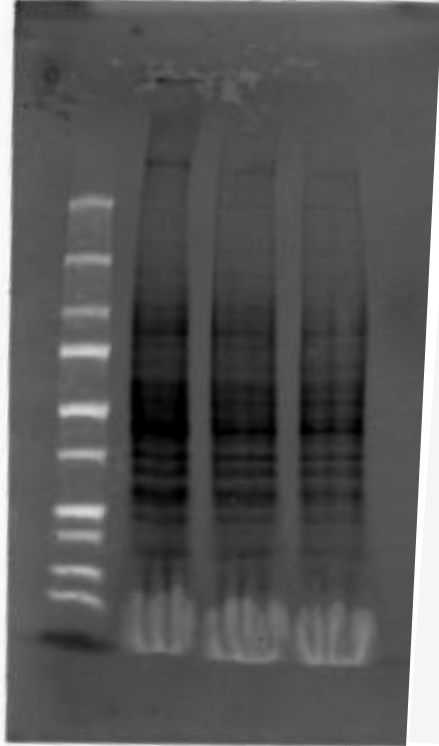
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



# OPA1 ( $\approx 80 / 100\text{kDa}$ )

09\_05\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

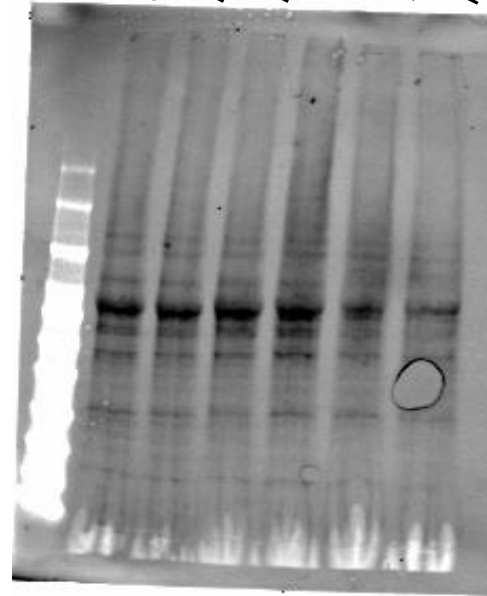


CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

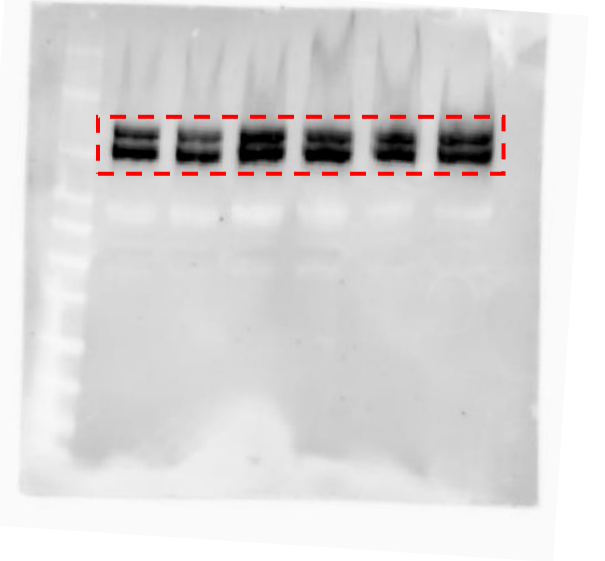


02\_12\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO  
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



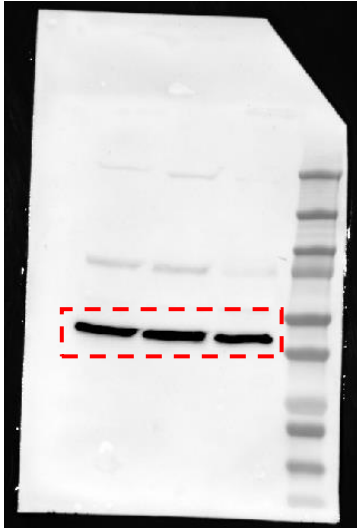
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO  
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



# MFN2 ( $\approx 80\text{kDa}$ )

01\_02\_22

MICU2 #B KO  
MICU2 #A KO  
CONTROL KO

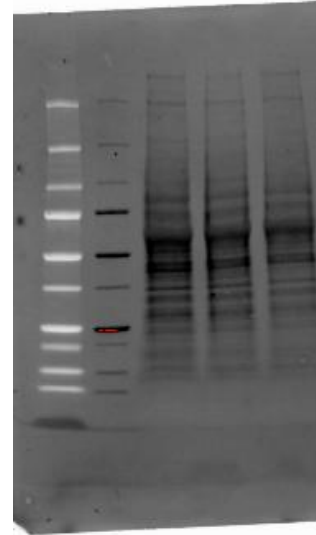


Actine



21\_04\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



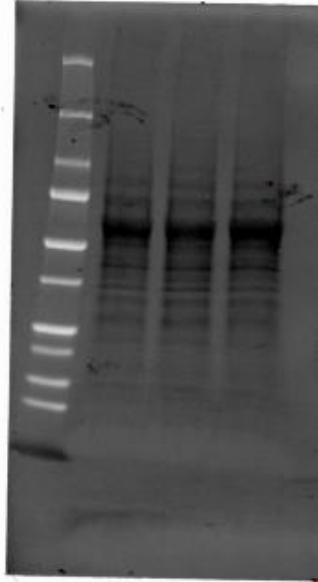
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



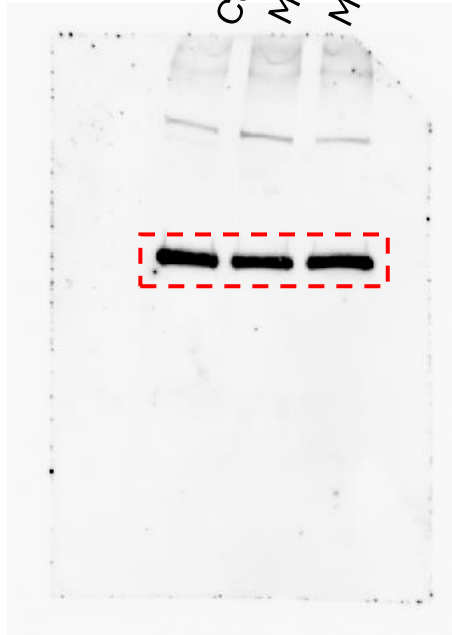
# MFN2 ( $\approx 80\text{kDa}$ )

22\_04\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

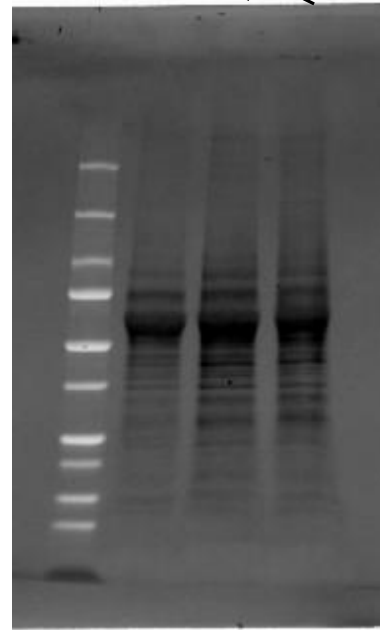


CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

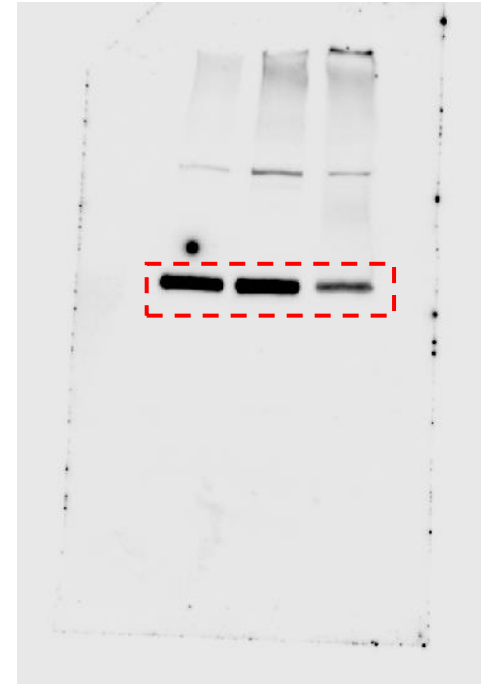


22\_04\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



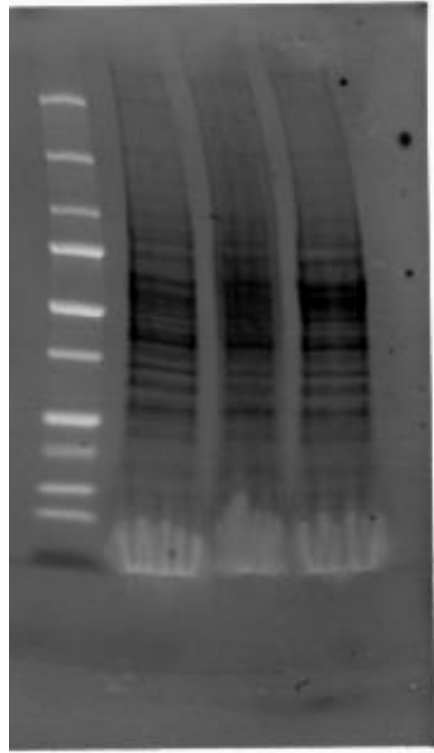
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



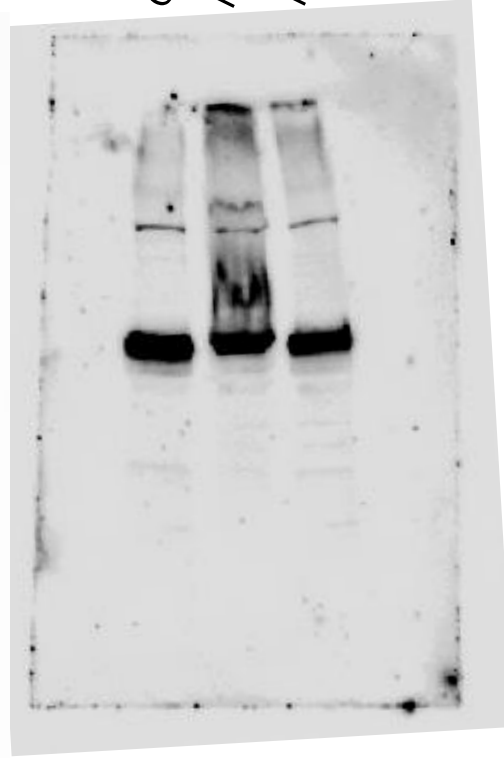
# MFN2 ( $\approx 80\text{kDa}$ )

06\_05\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



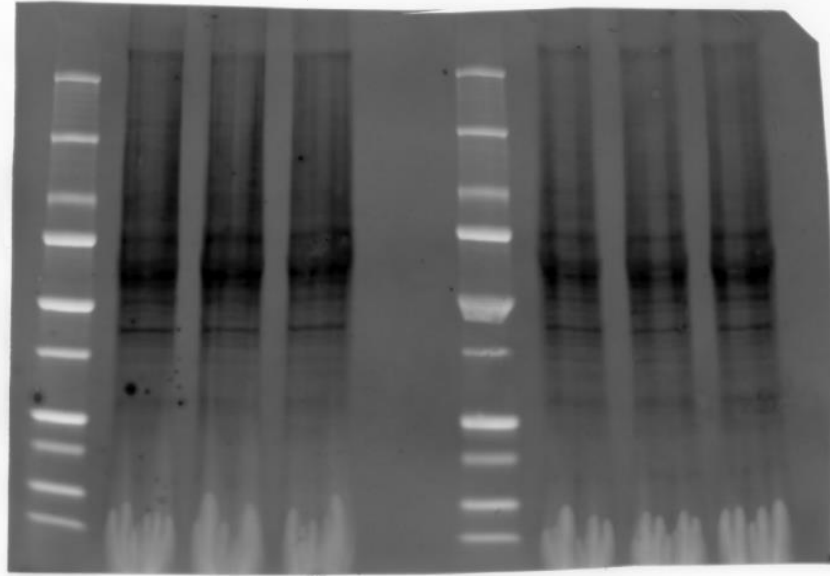


# P-DRP1 (≈80kDa)

15\_06\_22

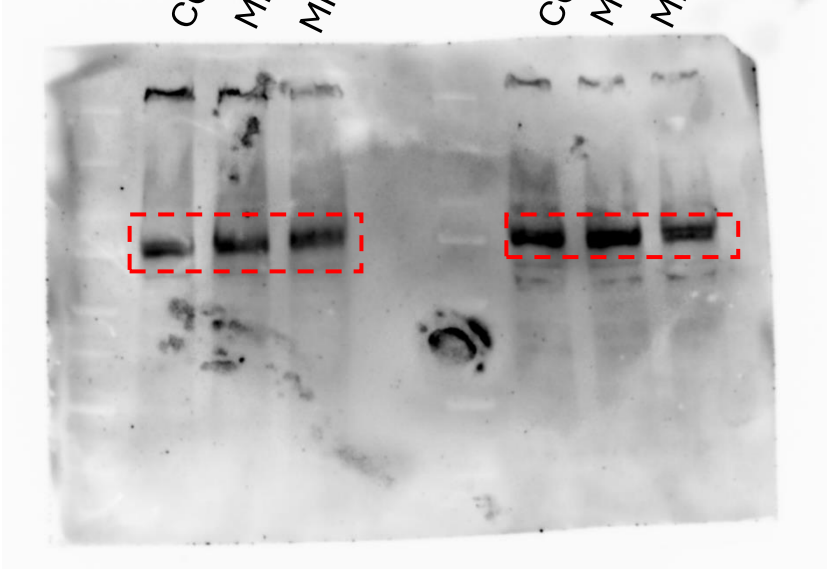
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

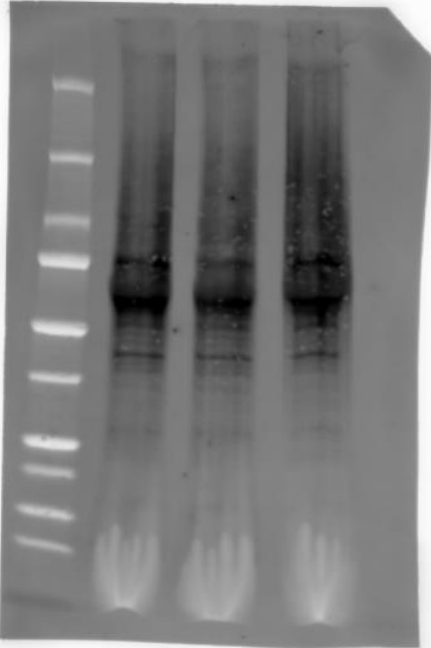
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



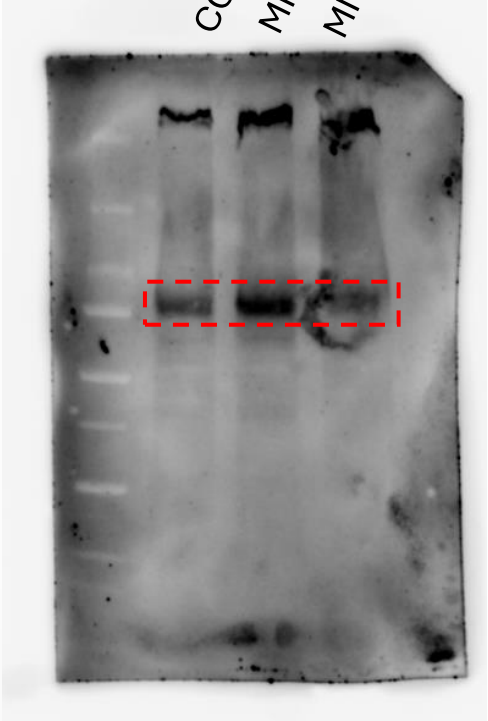
# P-DRP1 (≈80kDa)

15\_06\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

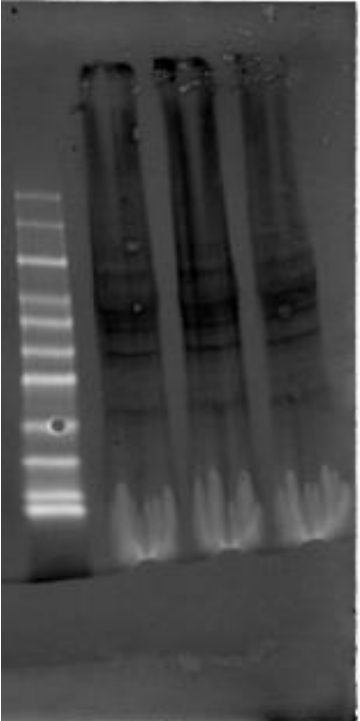


CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

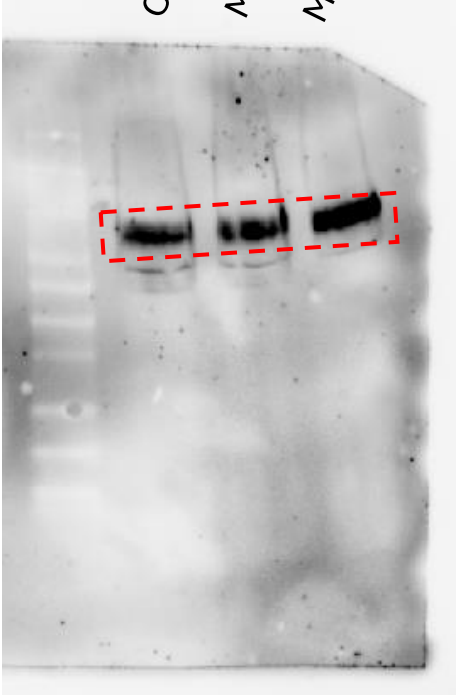


01\_07\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

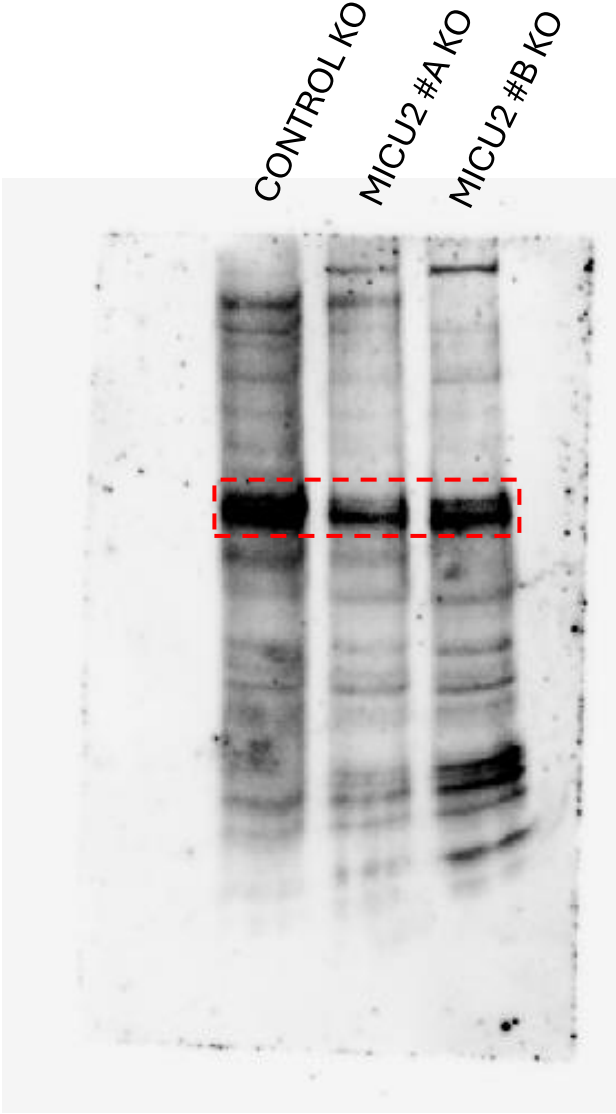
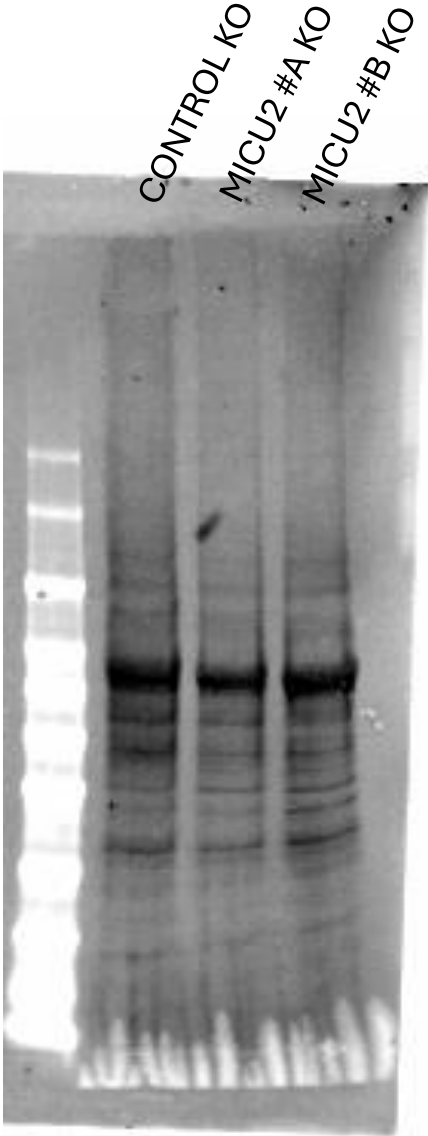


CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



# P-DRP1 (≈80kDa)

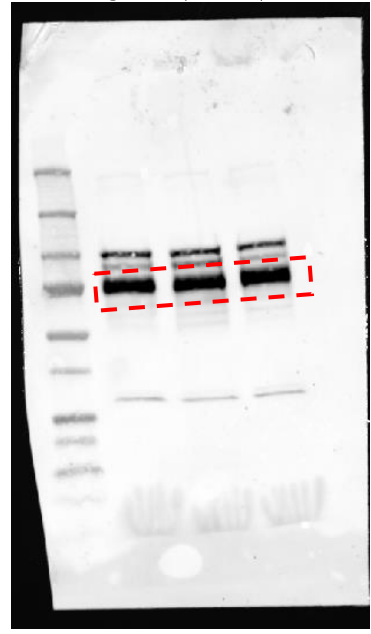
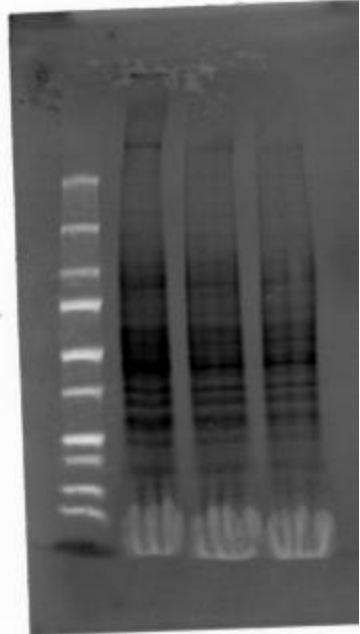
25\_11\_22



# DRP1 (≈80kDa)

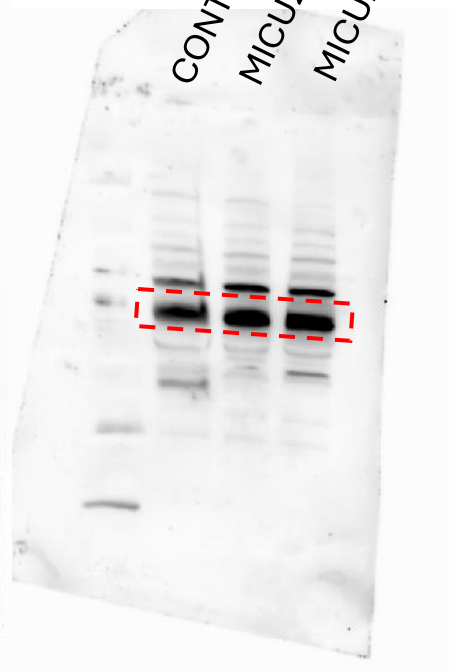
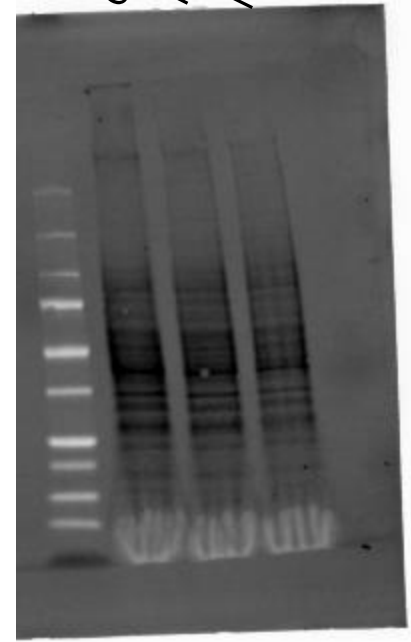
19\_05\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



19\_05\_22

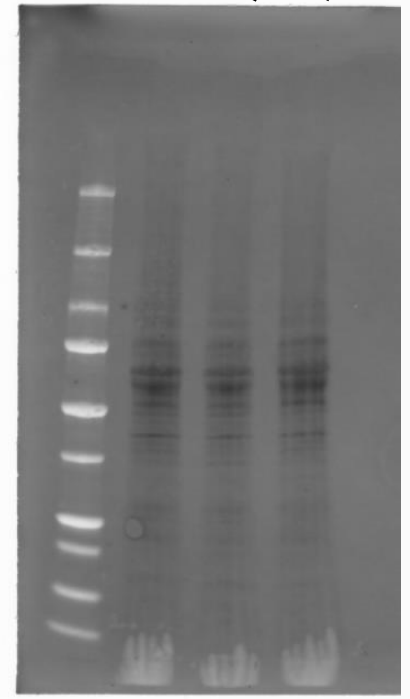
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



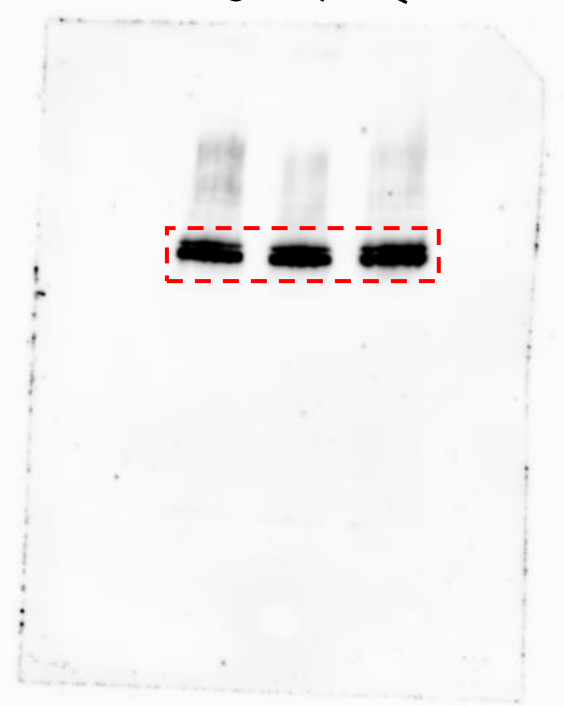
# DRP1 (≈80kDa)

01\_06\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

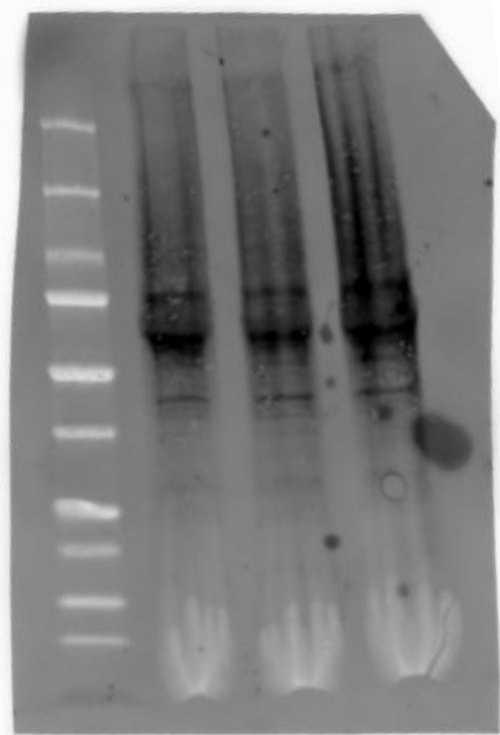


CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

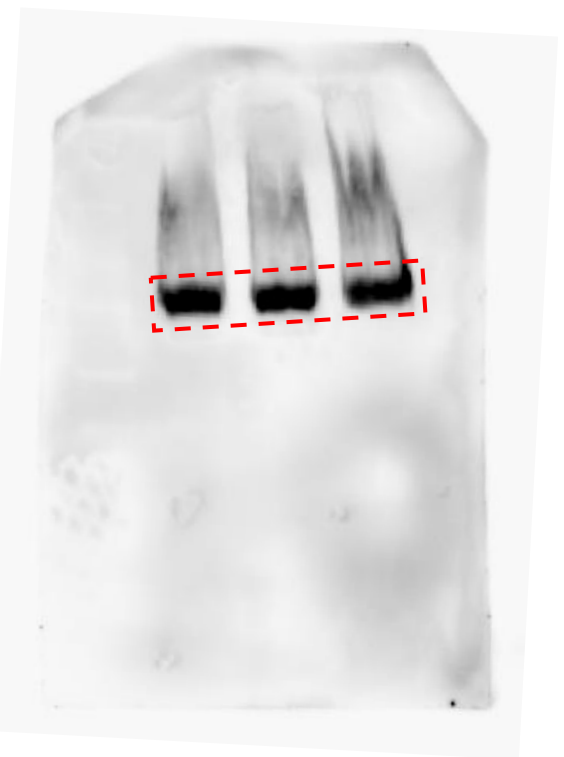


15\_06\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



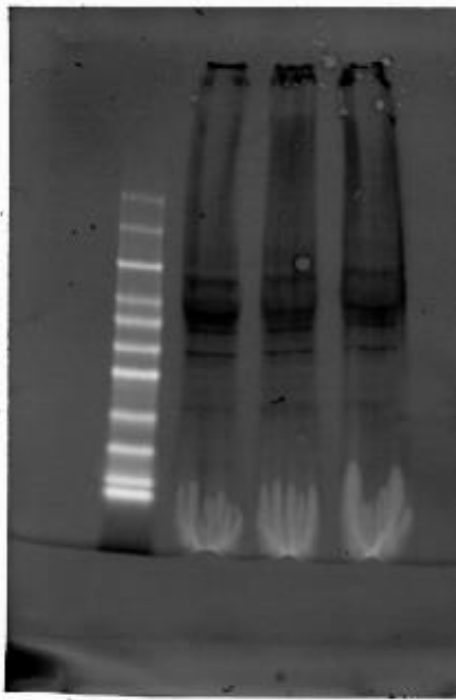
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



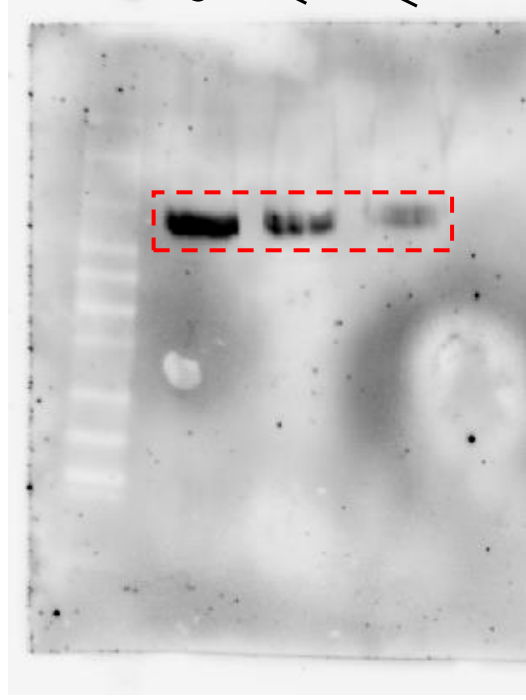
# DRP1 (≈80kDa)

01\_07\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

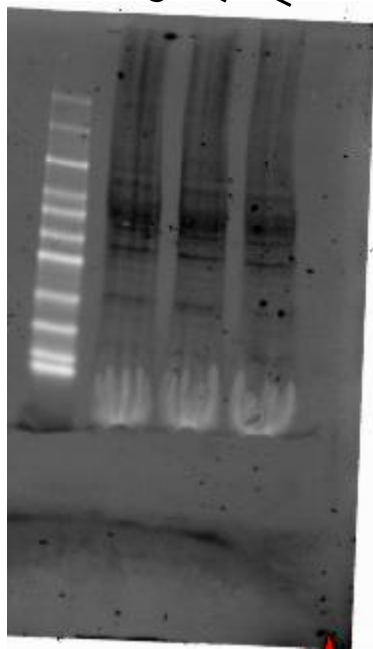


CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

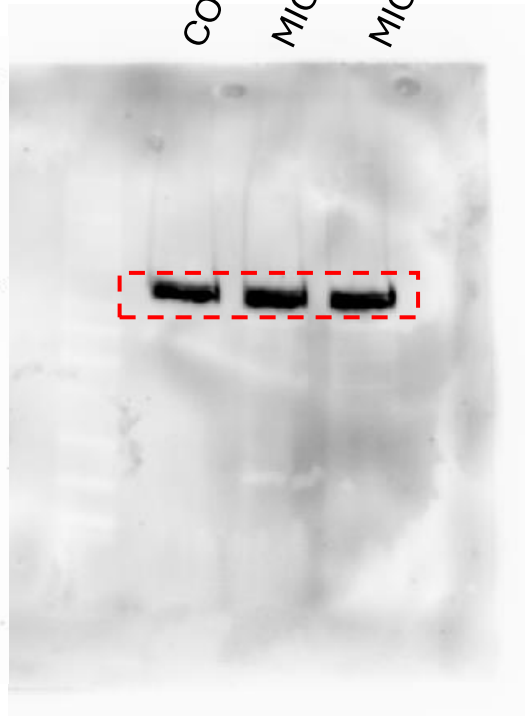


01\_07\_22

CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

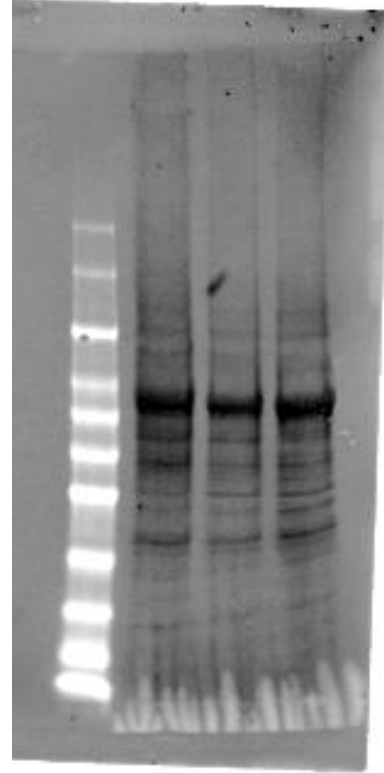


CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

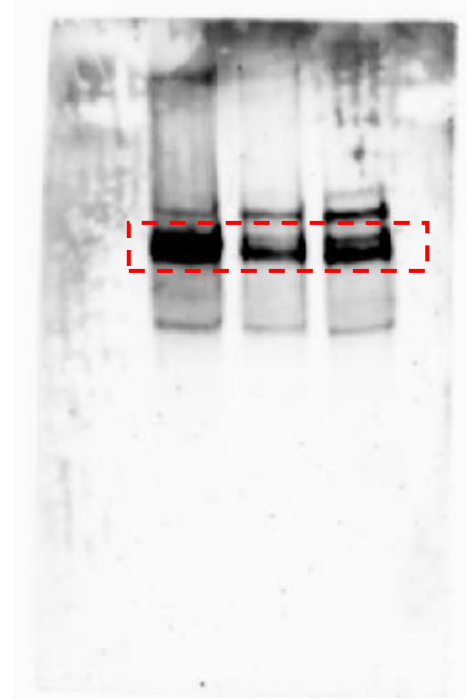


# DRP1 ( $\approx 80\text{kDa}$ )

25\_11\_22



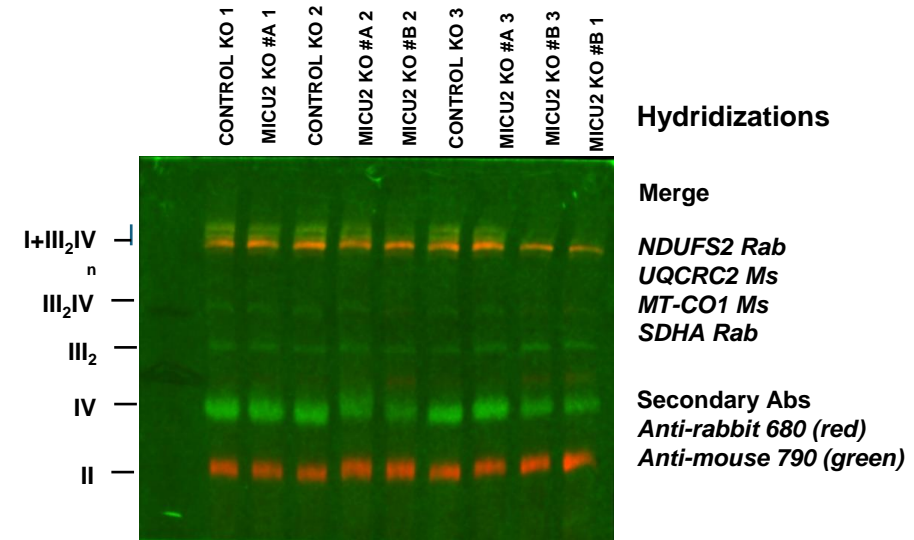
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO



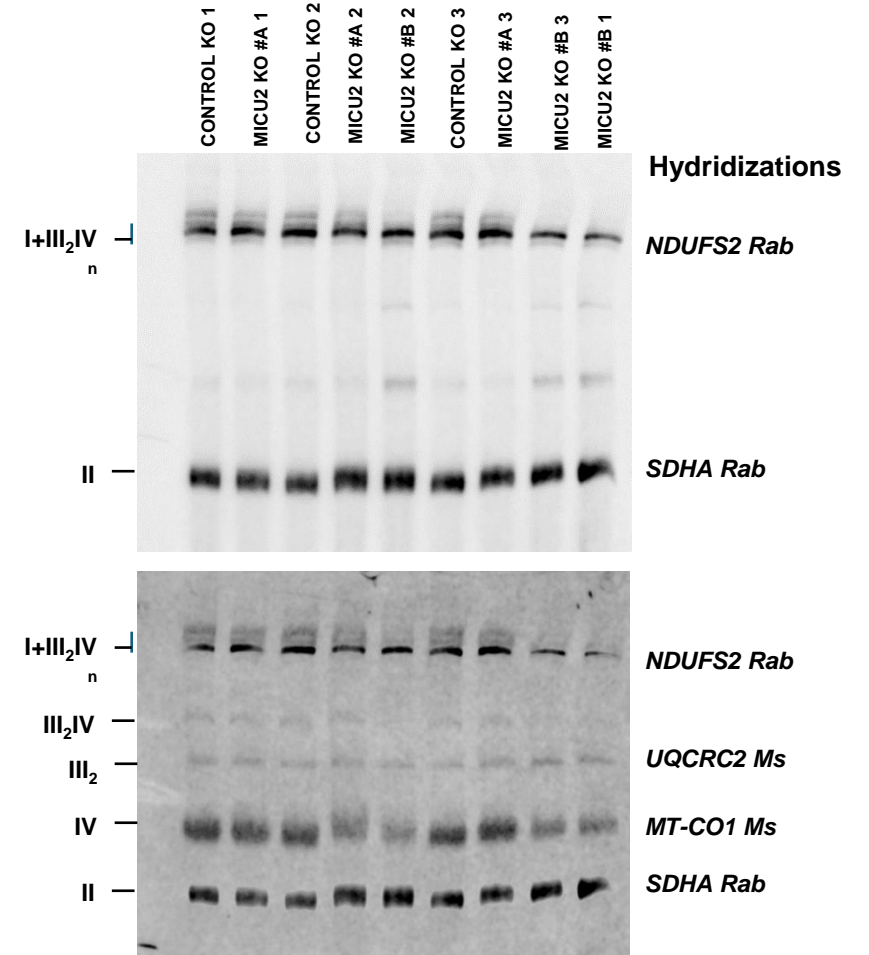
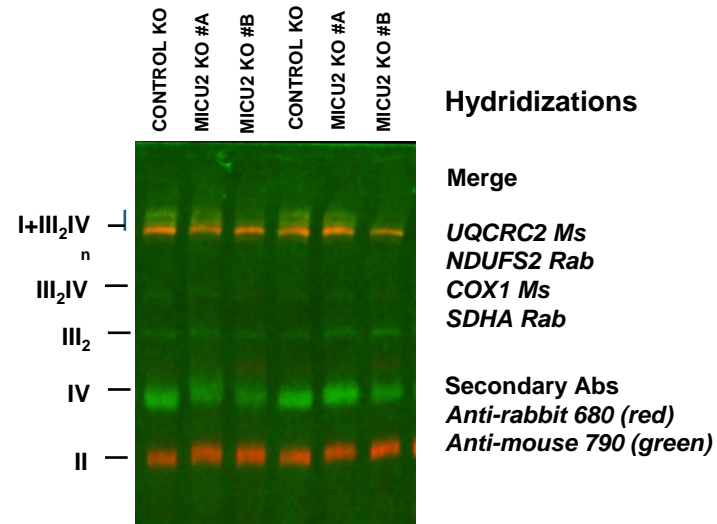
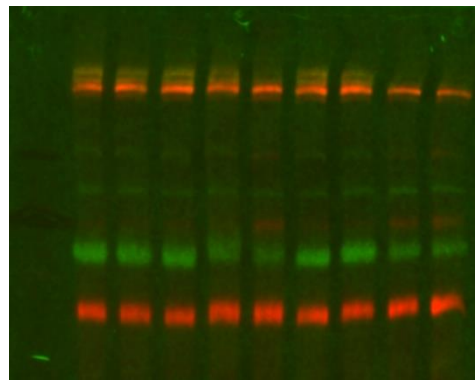
CONTROL KO  
MICU2 #A KO  
MICU2 #B KO

KO lines  
Figure 4C

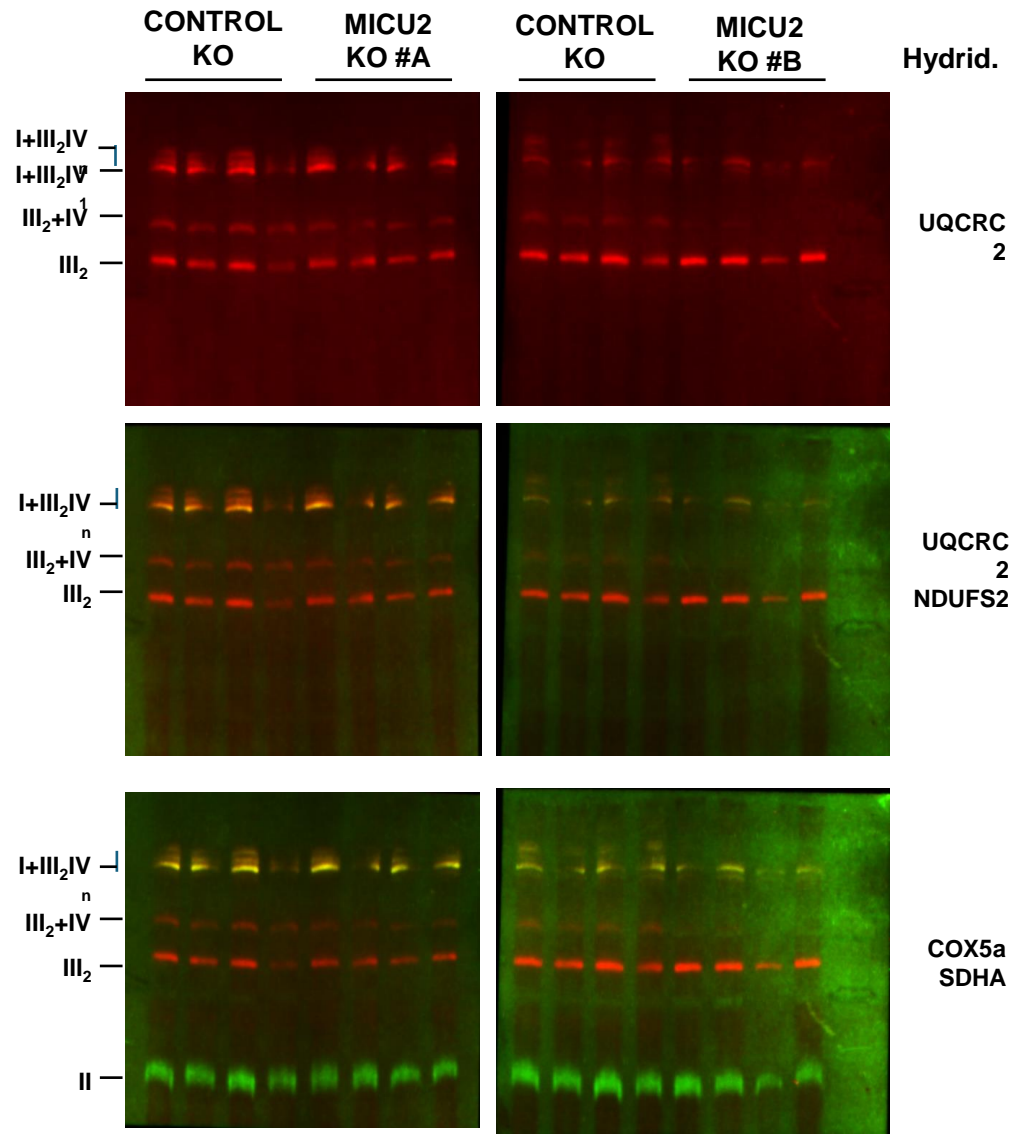




*Image forcée*

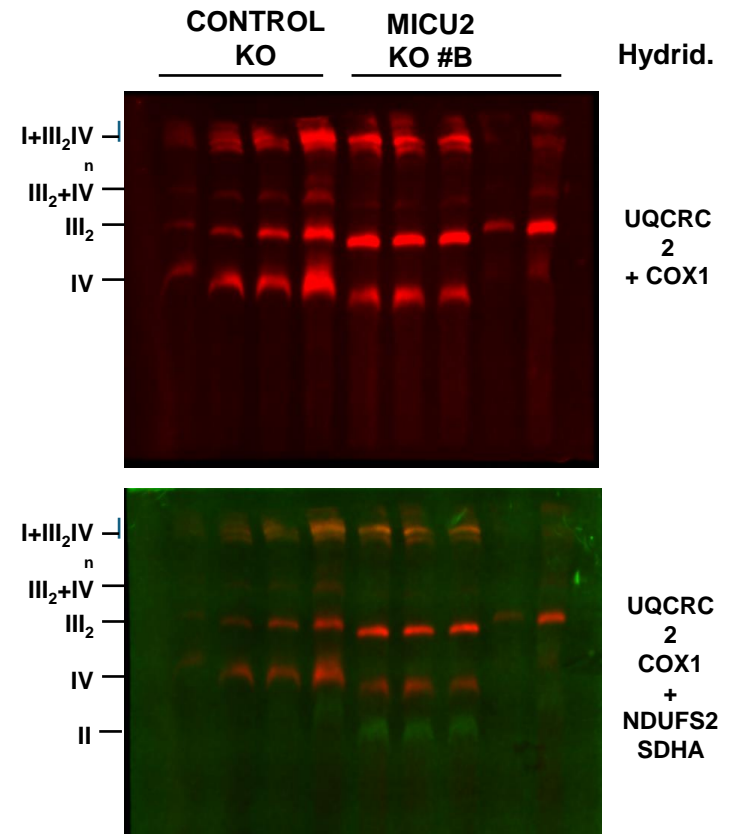


22/12/06



Secondaires :  
Anti-Mouse 680 (red)  
Anti-Rabbit 790 (green)

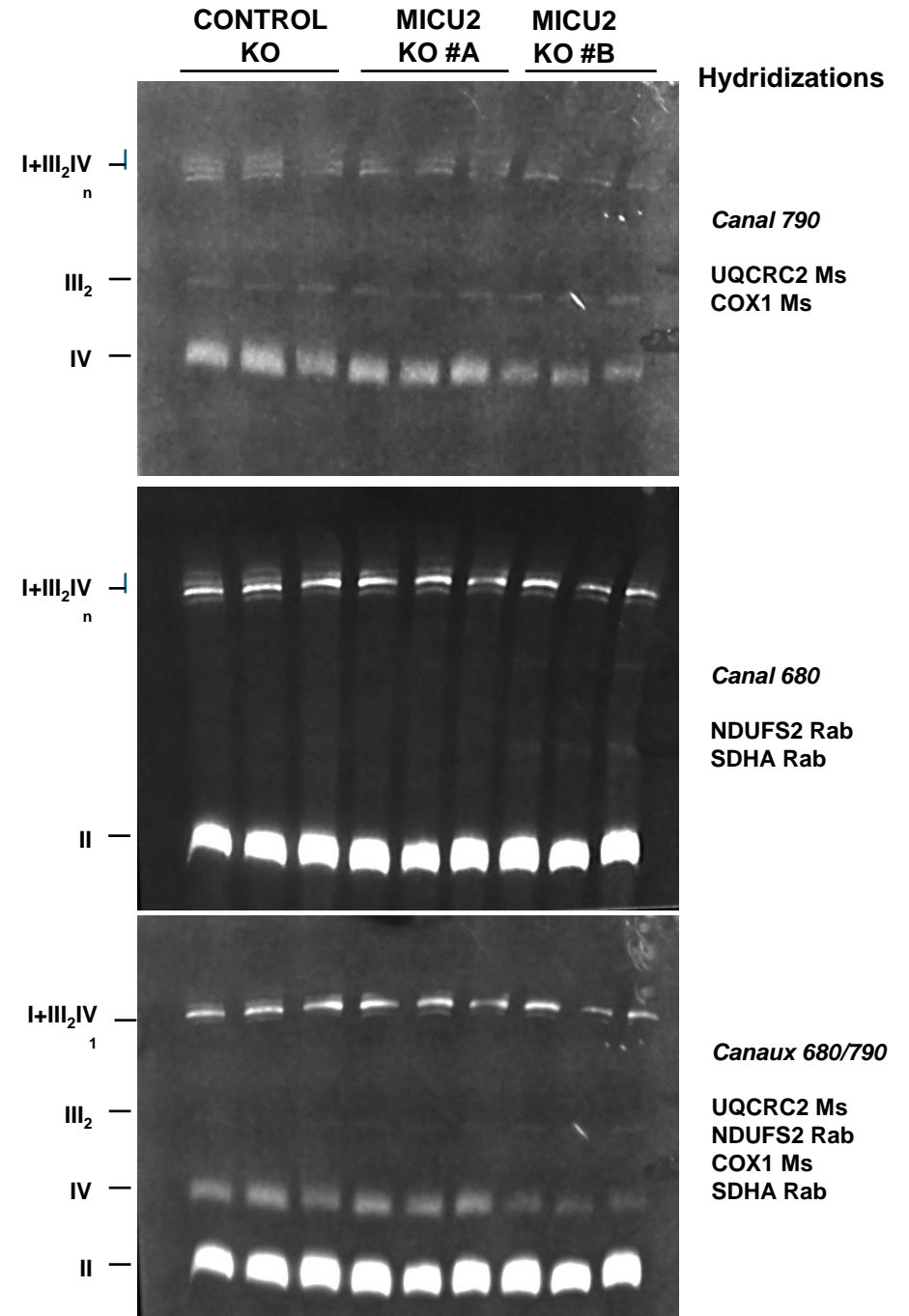
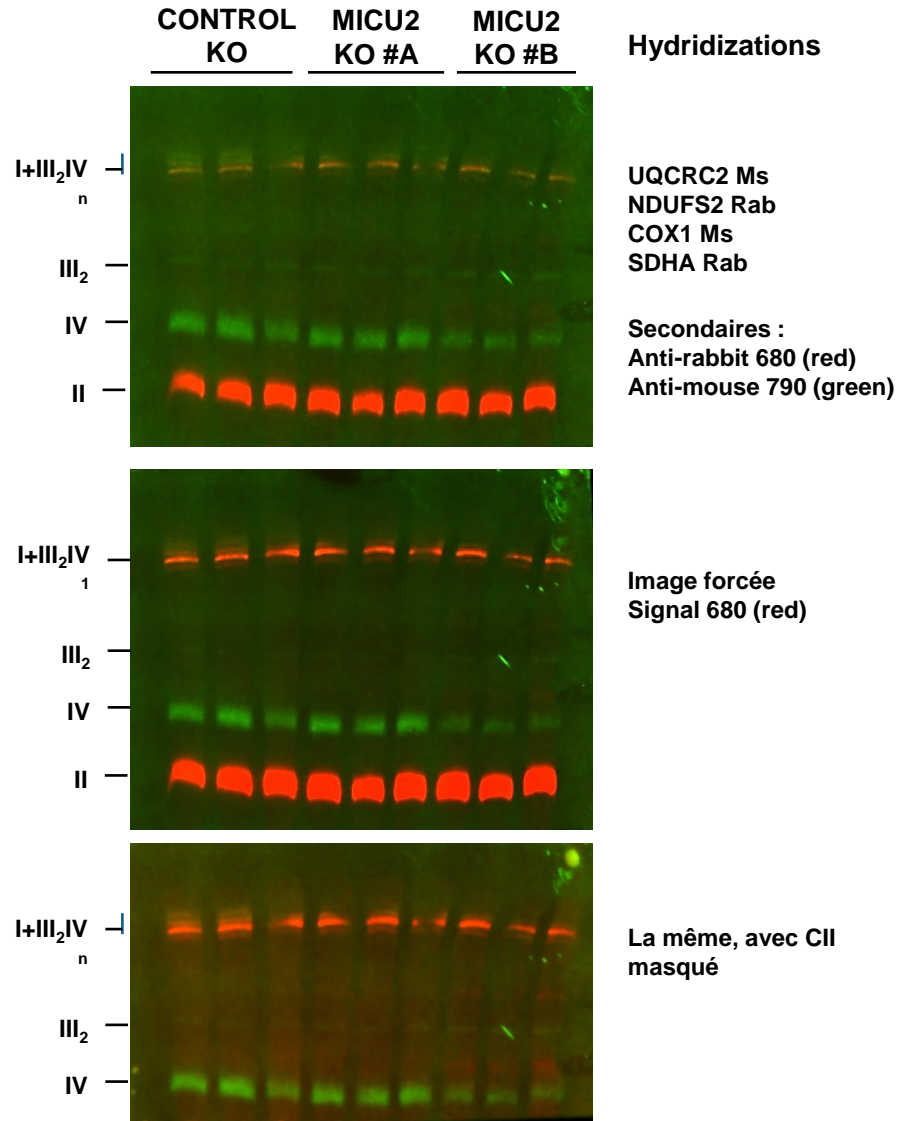
10/01/23



Secondaires :  
Anti-Mouse 680 (red)  
Anti-Rabbit 790 (green)

24/01/23

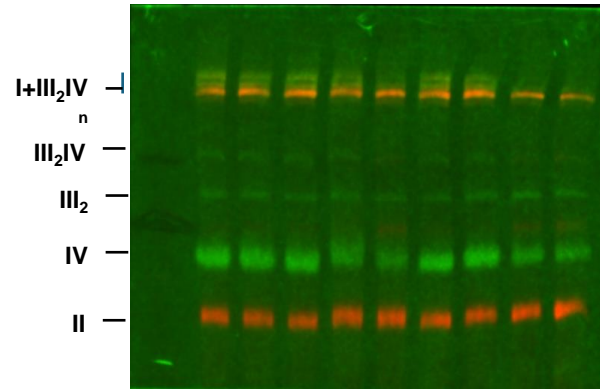
24/01/23



22/02/2023, Mb1

CONTROL KO 1  
 MICU2 KO #A 1  
 CONTROL KO 2  
 MICU2 KO #A 2  
 MICU2 KO #B 2  
 CONTROL KO 3  
 MICU2 KO #A 3  
 MICU2 KO #B 3  
 MICU2 KO #B 1

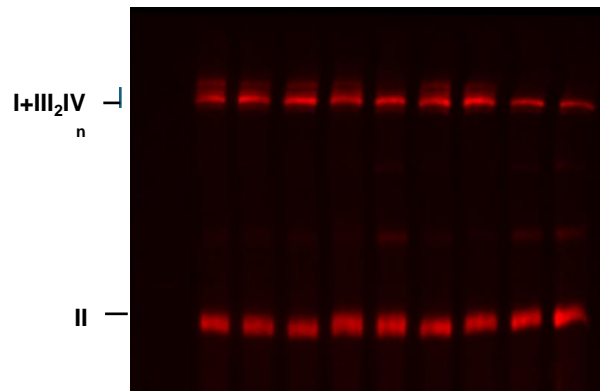
### Hybridizations



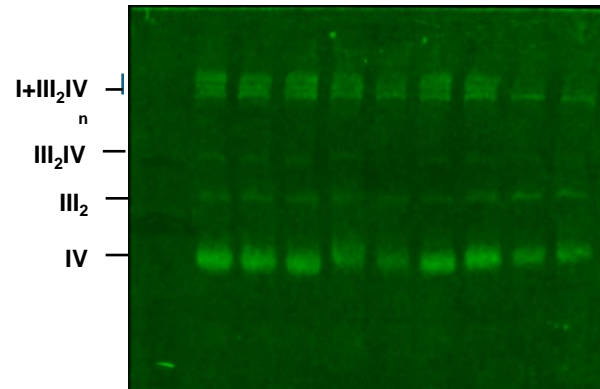
### Merge

UQCRC2 Ms  
 NDUFS2 Rab  
 COX1 Ms  
 SDHA Rab

Secondaires :  
 Anti-rabbit 680 (red)  
 Anti-mouse 790 (green)



Signal 680 (red)  
 NDUFS2 Rab  
 SDHA Rab

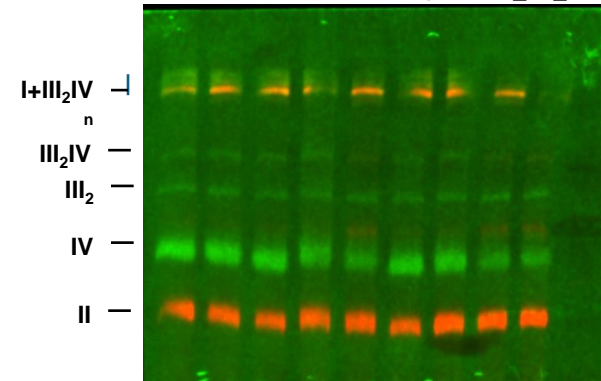


Signal 790 (Green)  
 UQCRC2 Ms  
 COX1 Ms

22/02/2023, Mb1

CONTROL KO 1  
 MICU2 KO #A 1  
 CONTROL KO 2  
 MICU2 KO #A 2  
 MICU2 KO #B 2  
 CONTROL KO 3  
 MICU2 KO #A 3  
 MICU2 KO #B 3  
 MICU2 KO #B 1

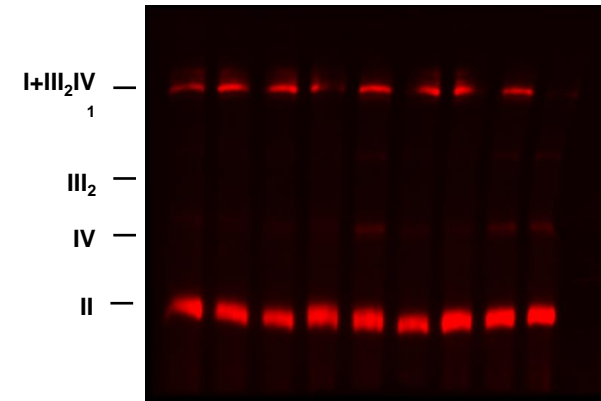
### Hybridizations



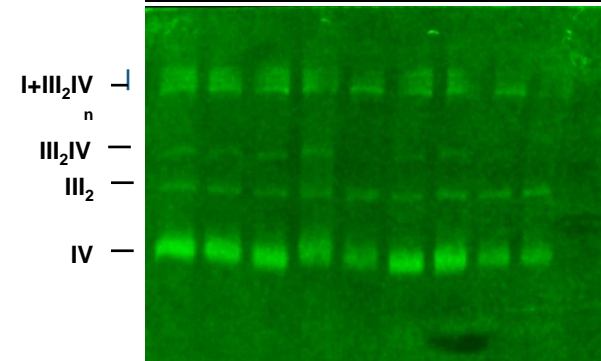
### Merge

UQCRC2 Ms  
 NDUFS2 Rab  
 COX1 Ms  
 SDHA Rab

Secondaires :  
 Anti-rabbit 680 (red)  
 Anti-mouse 790 (green)



Signal 680 (red)  
 NDUFS2 Rab  
 SDHA Rab



Signal 790 (Green)  
 UQCRC2 Ms  
 COX1 Ms