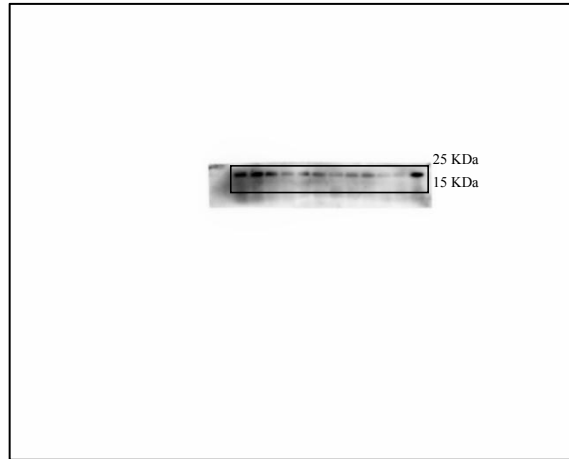
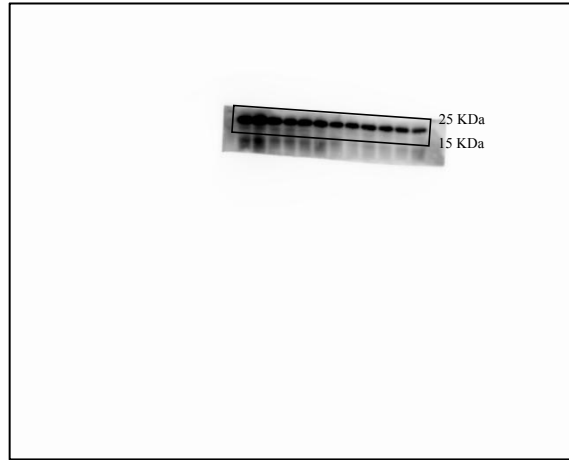
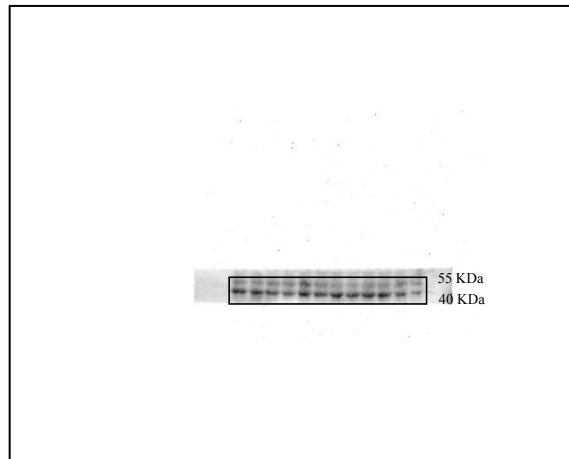


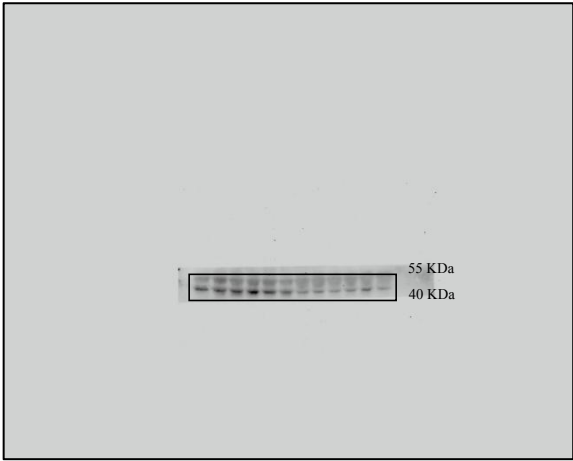
Figure 1E

γ H2A

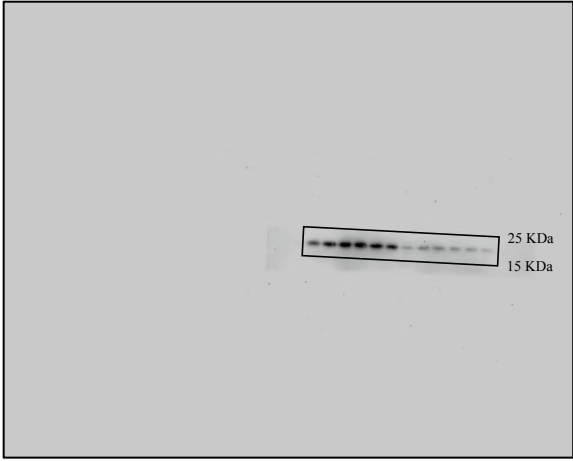
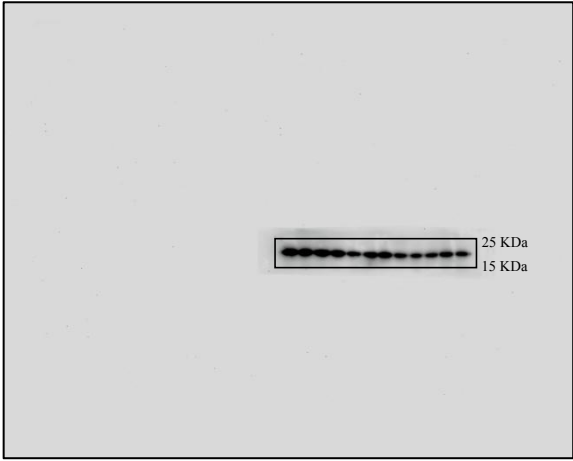


p-p53

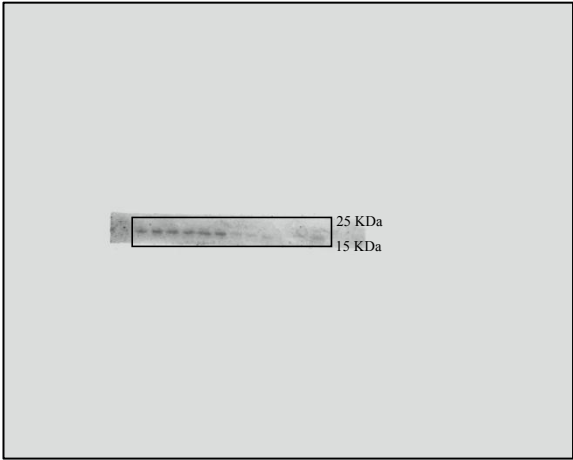
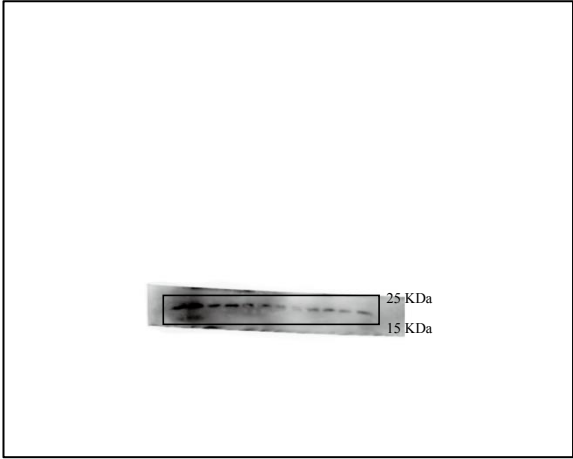




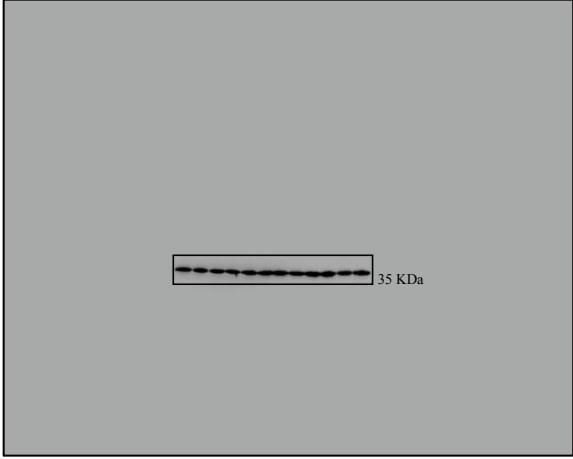
p21



p16



GAPDH



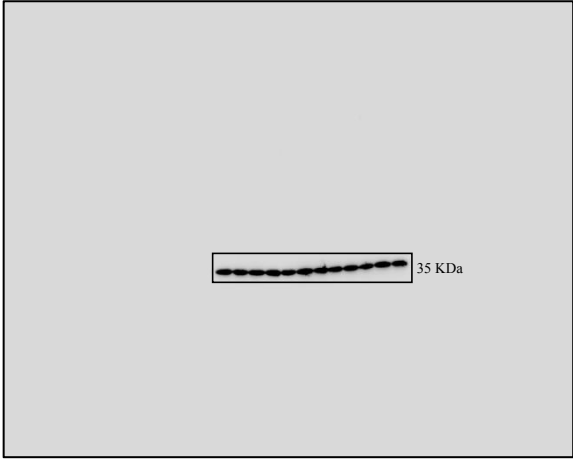
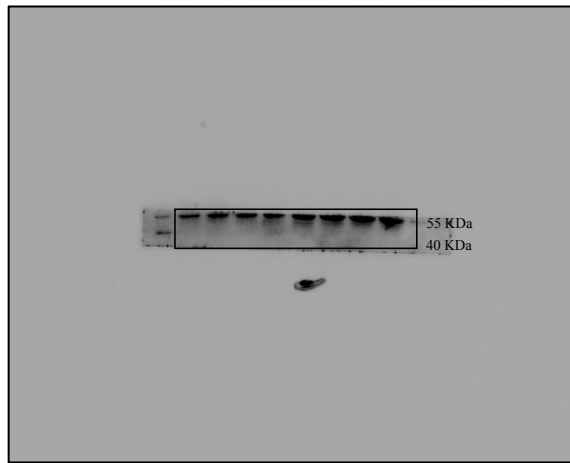
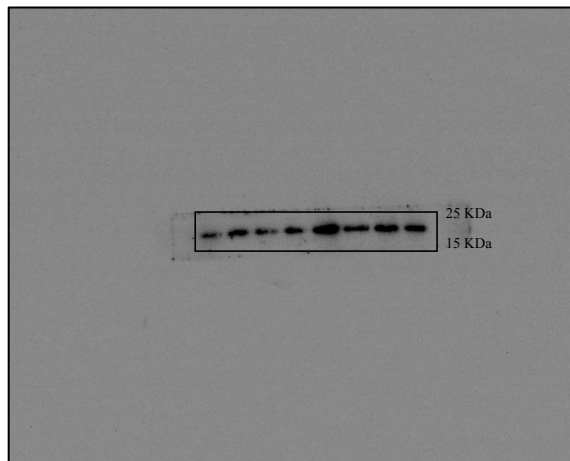


Figure 1G

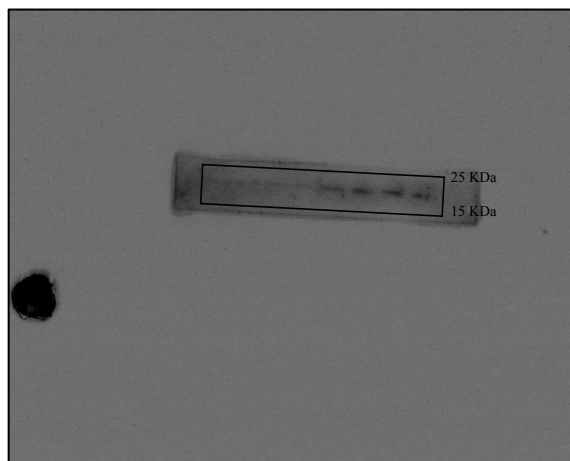
p-p53



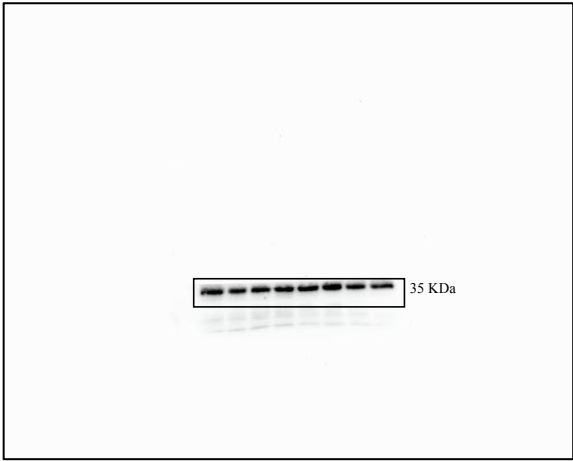
p21



p16



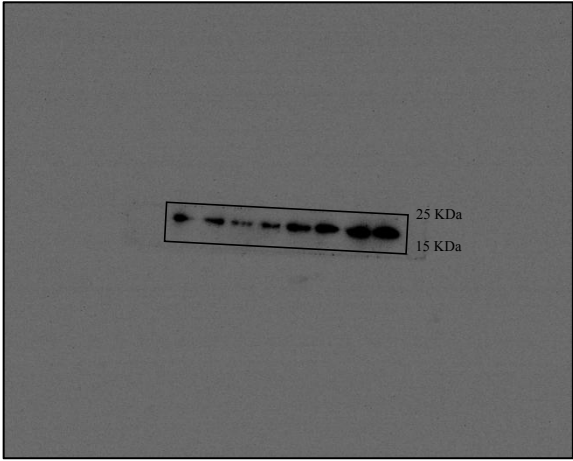
GAPDH



53BP



γ H2A



GAPDH

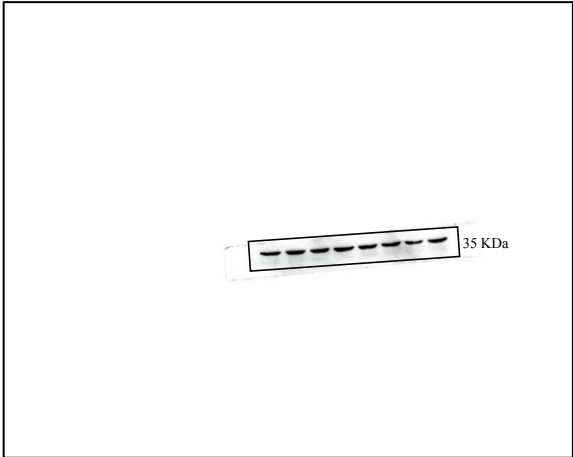
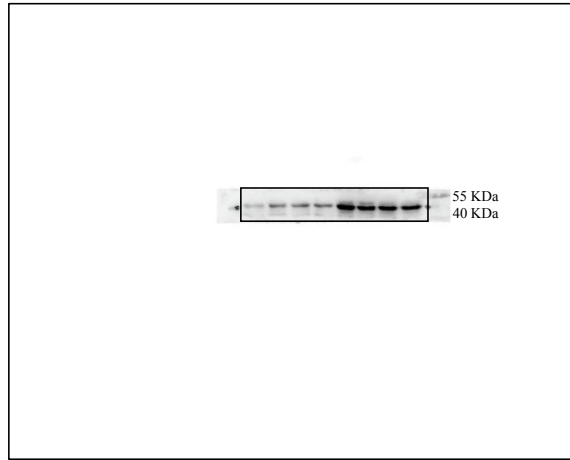
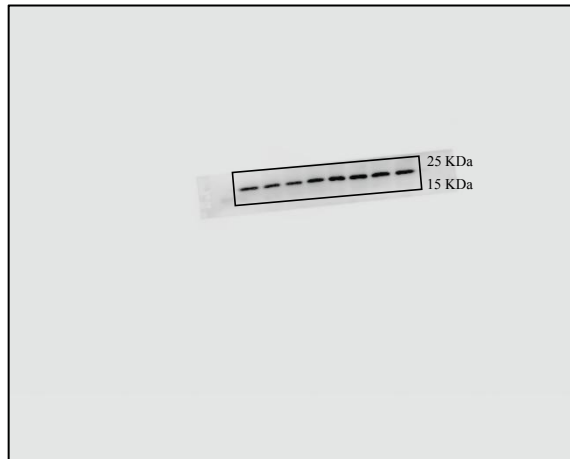


Figure 3H

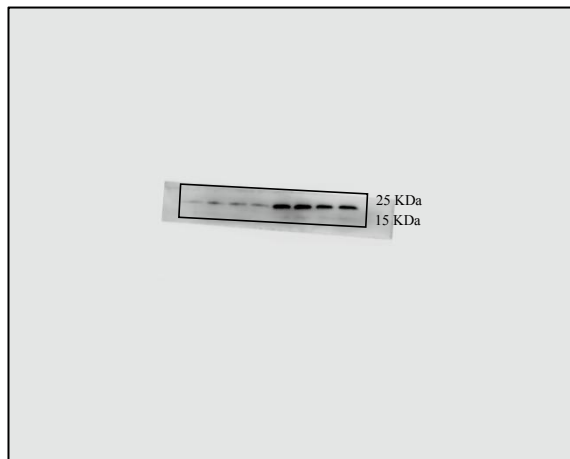
p-p53 (Ser)



p21



p16



GAPDH

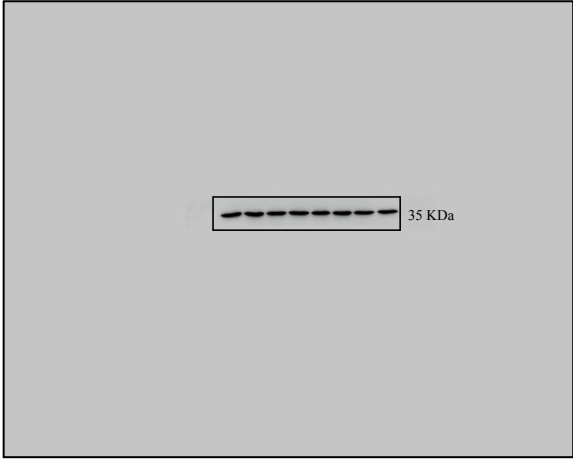
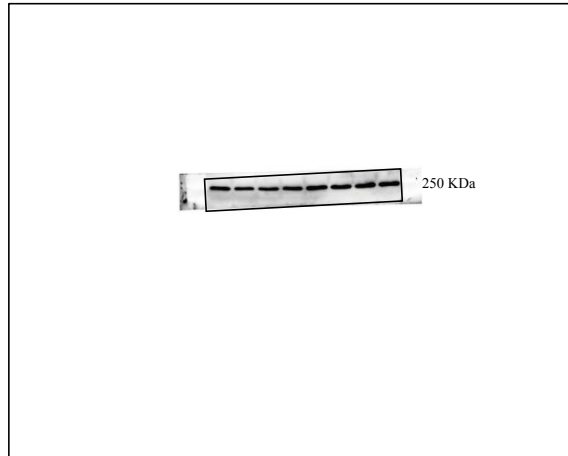
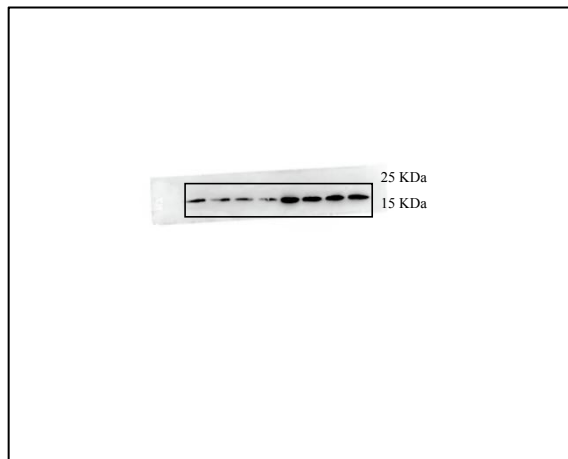


Figure 3I

53BP



γ H2A



GAPDH

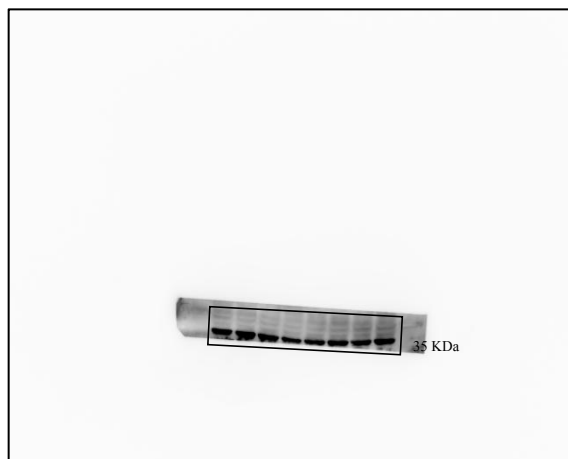


Figure 4B

gDNA: LAD12



gDNA: 18S RNA



gDNA: POLG1; L1OFR1

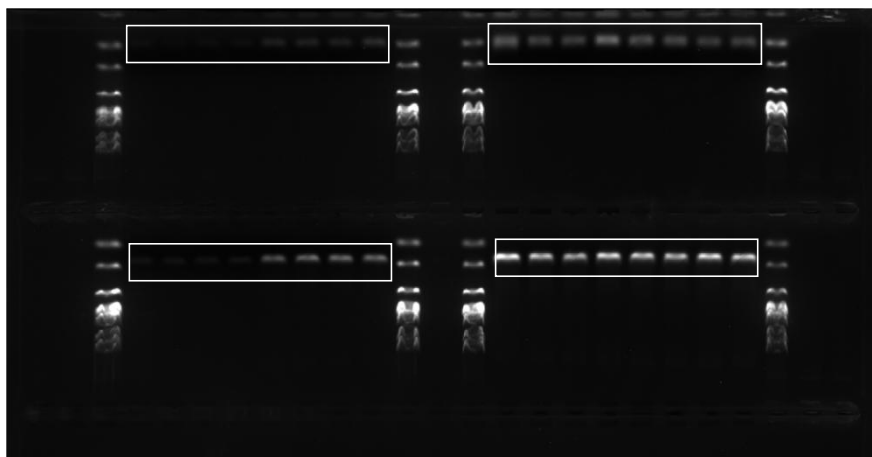
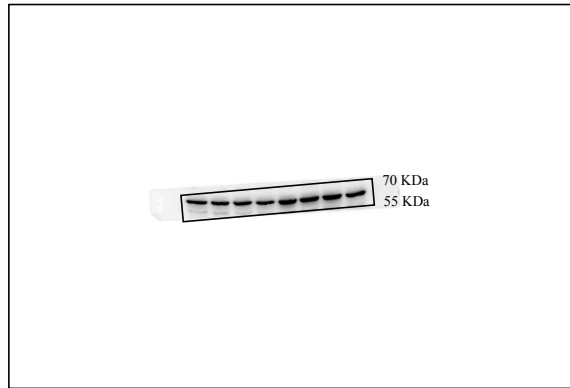
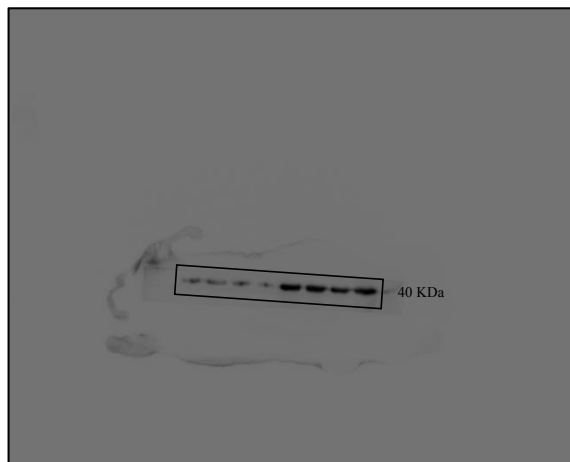


Figure 4E

cGAS



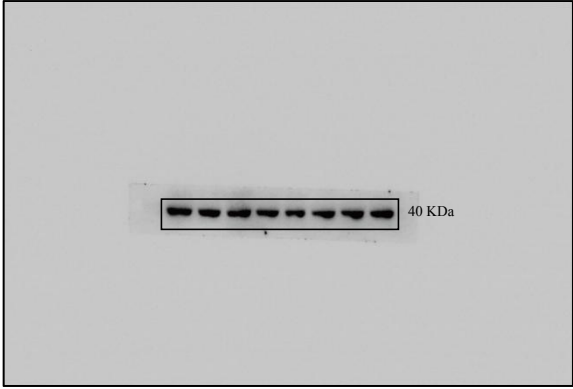
p-STING



STING



AIM2



GAPDH

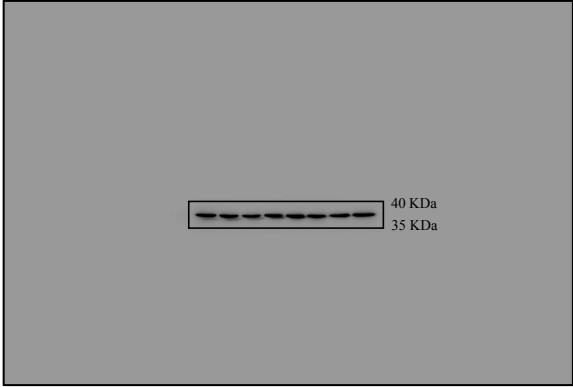
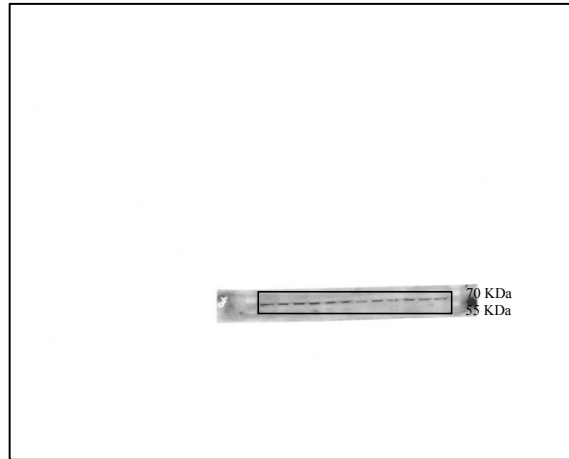
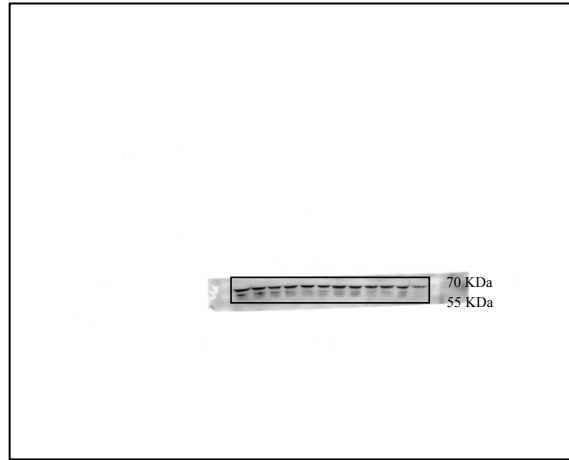
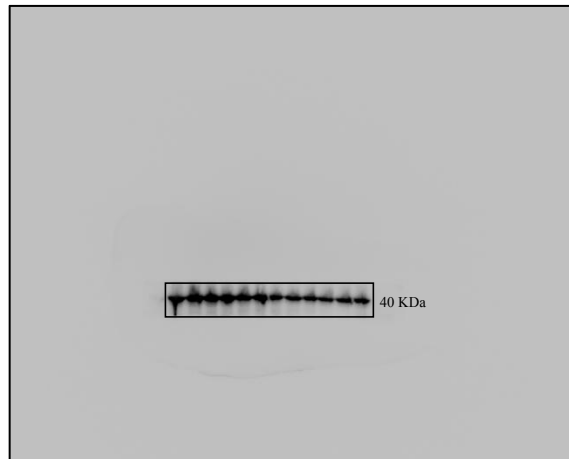


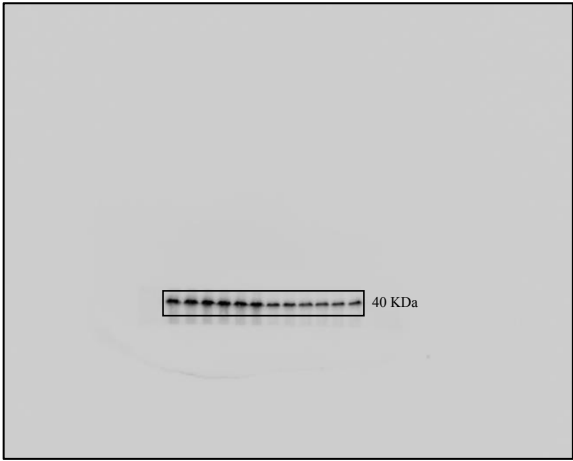
Figure 4I

cGAS

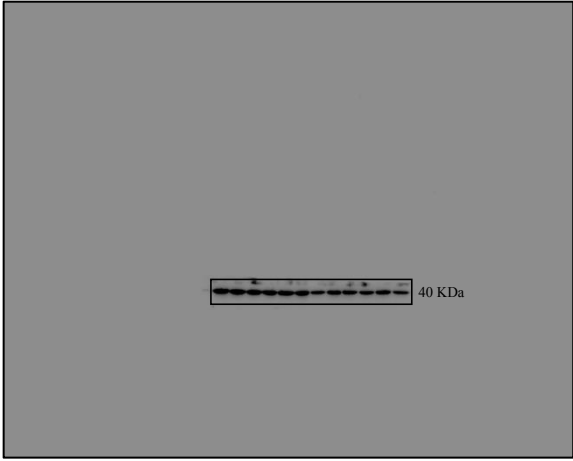
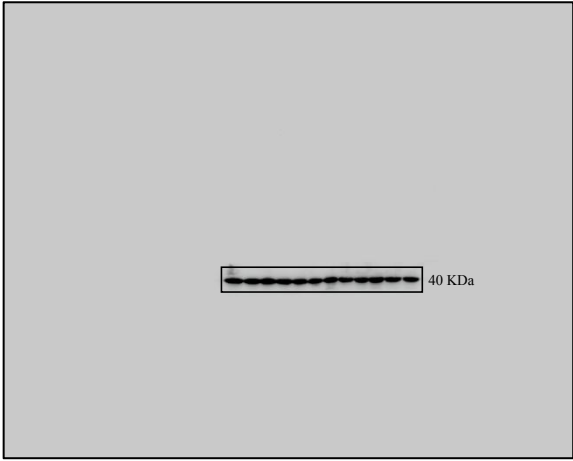


p-STING





STING



GAPDH

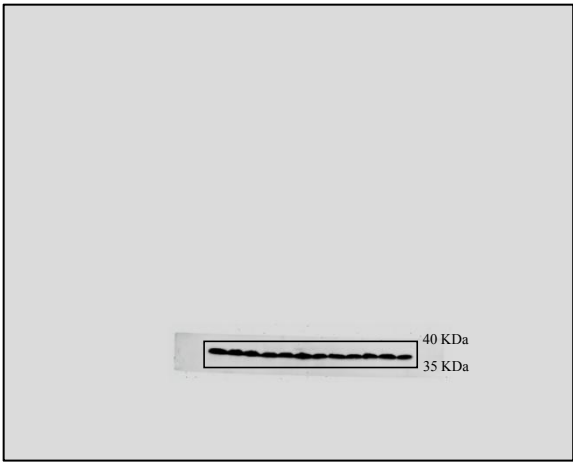
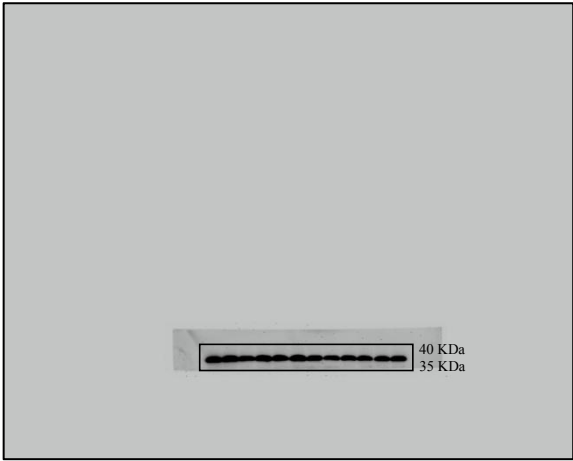
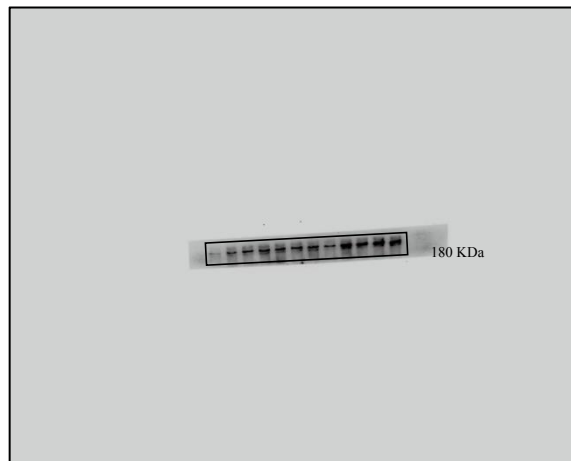
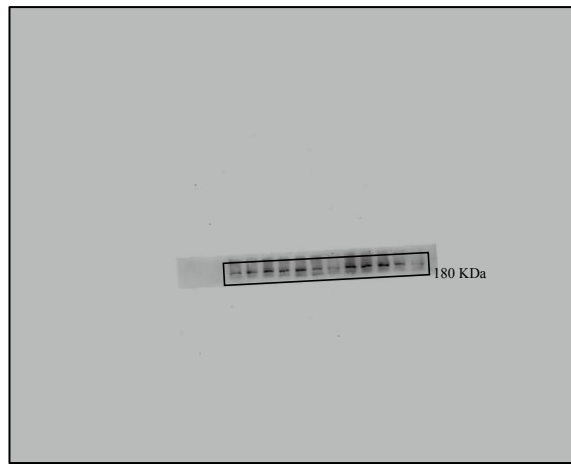
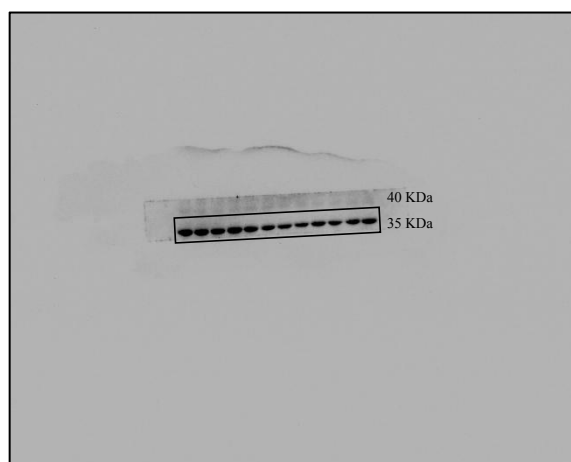


Figure 6B

ATR



GAPDH



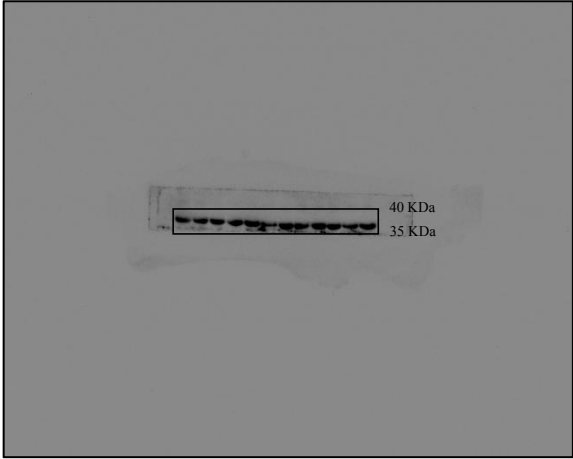
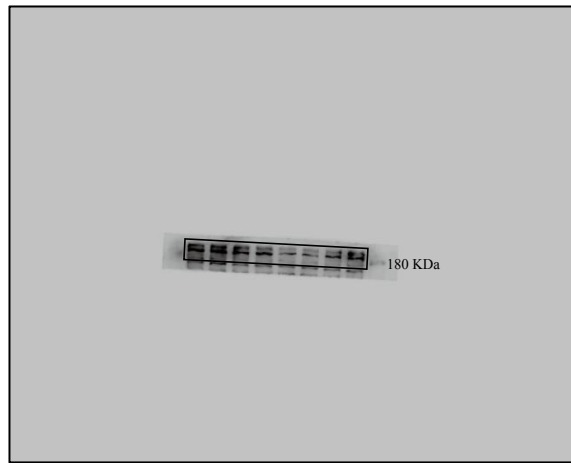


Figure 6C

ATR



GAPDH

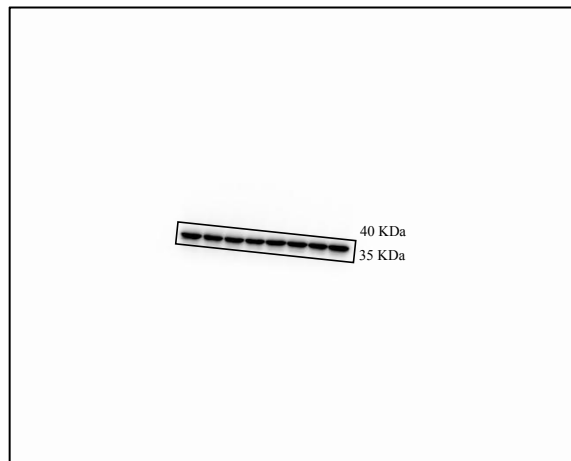
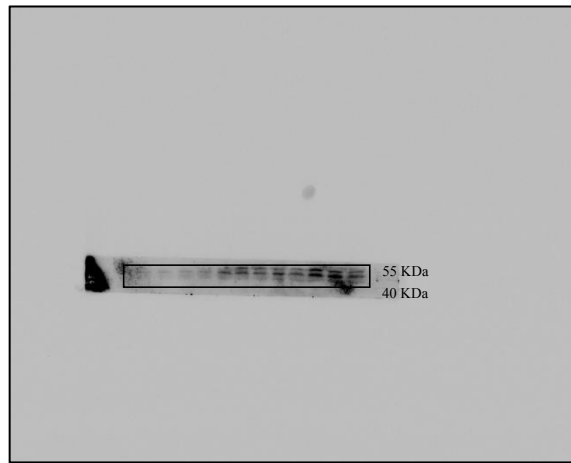
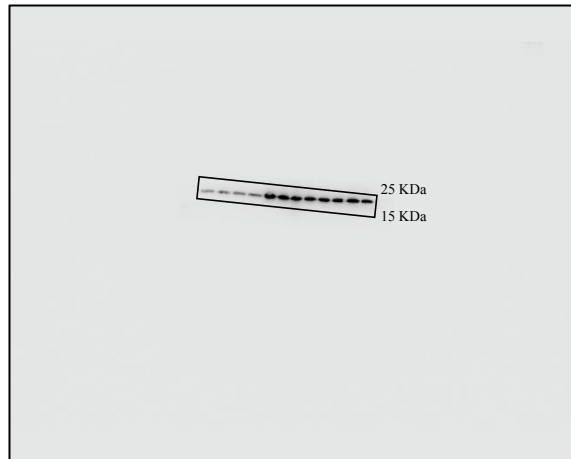


Figure 6H

p-p53



p21



GAPDH

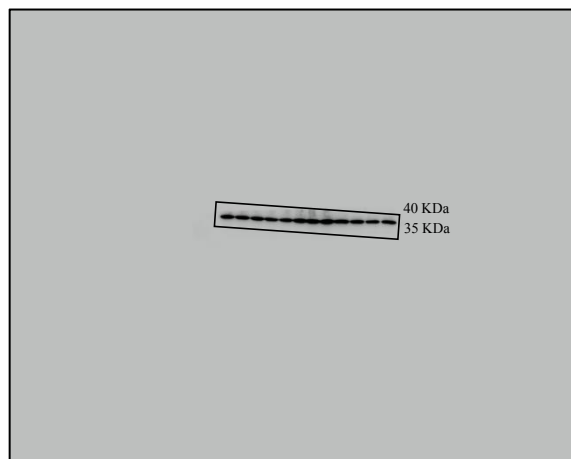
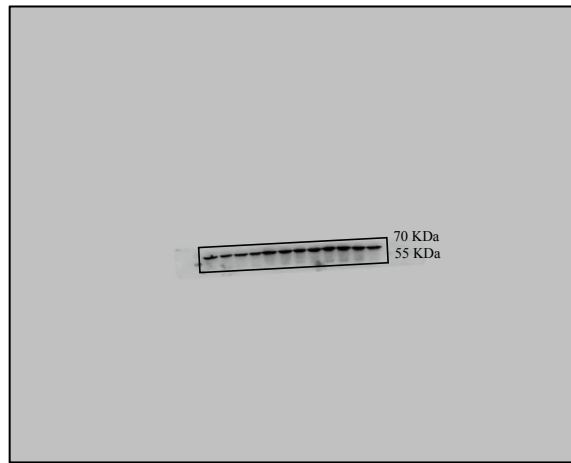
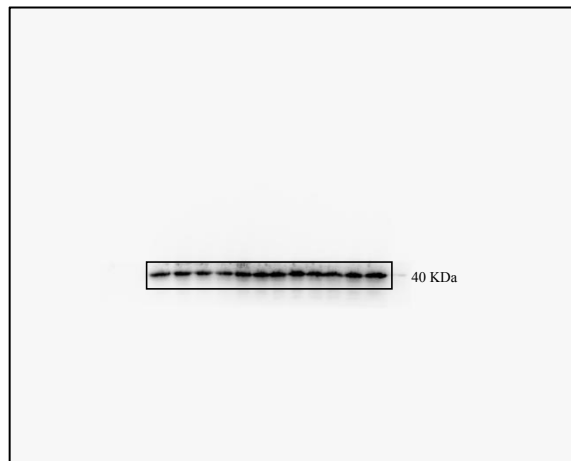


Figure 6I

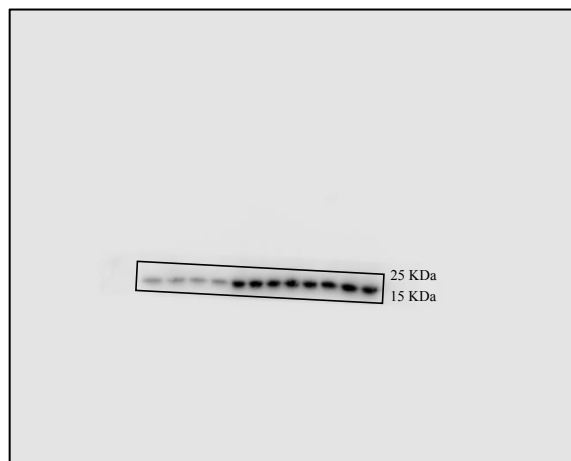
cGAS



STING



γ H2A



GAPDH

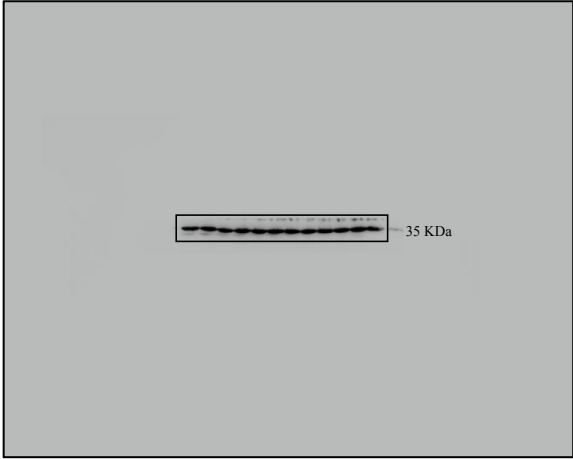


Figure 7D

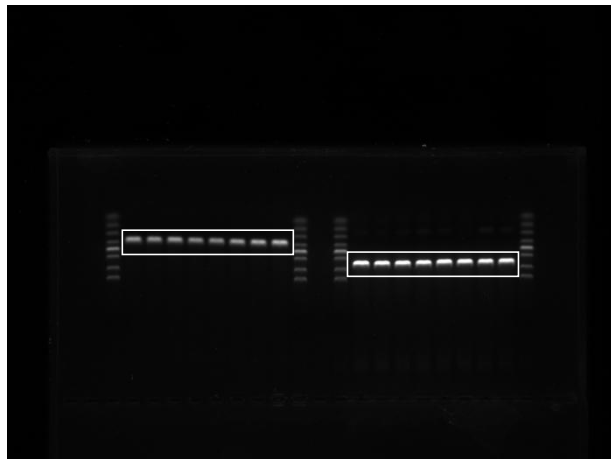
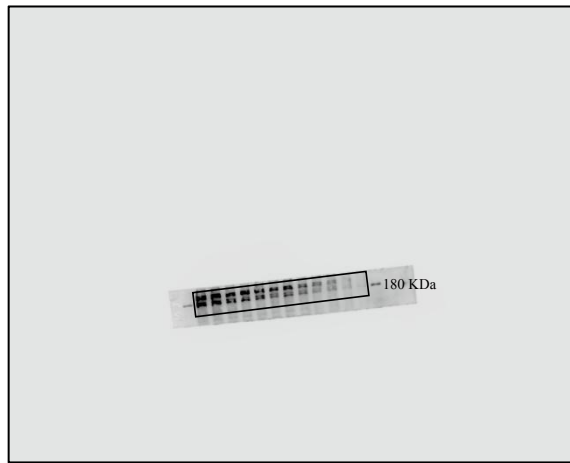


Figure 7E

ATR



GAPDH

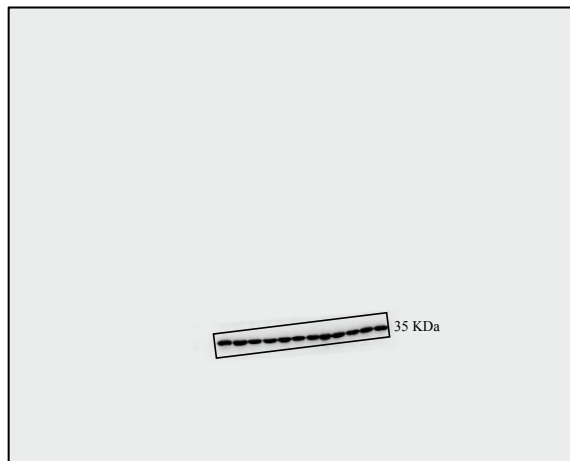
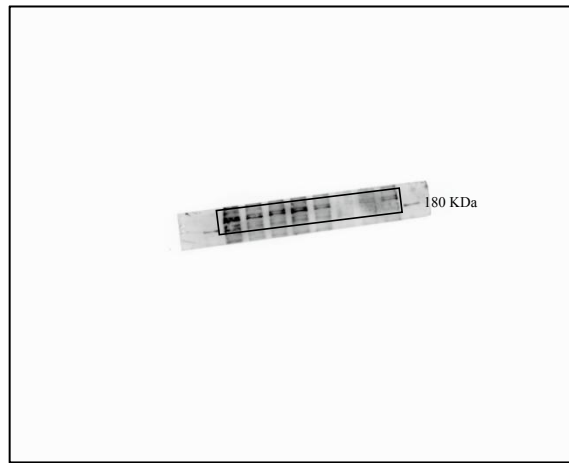


Figure 7F

ATR



GAPDH

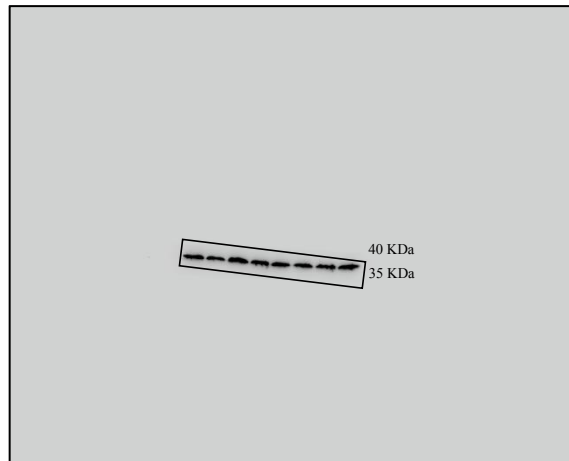
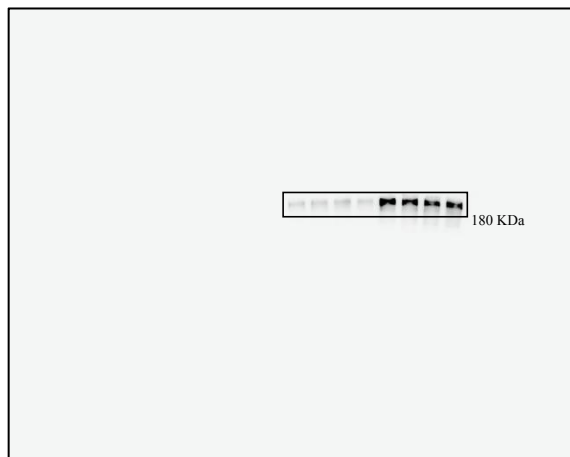
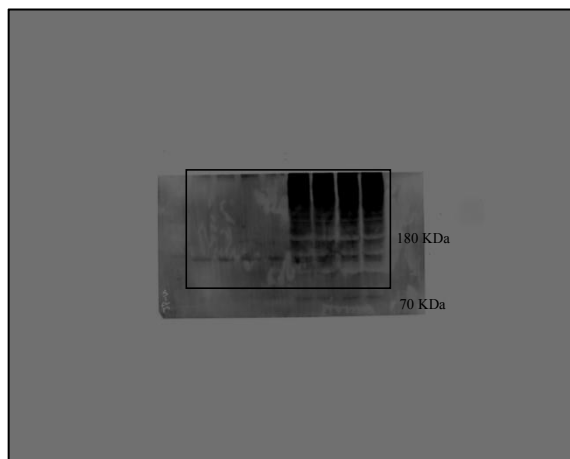


Figure 7G

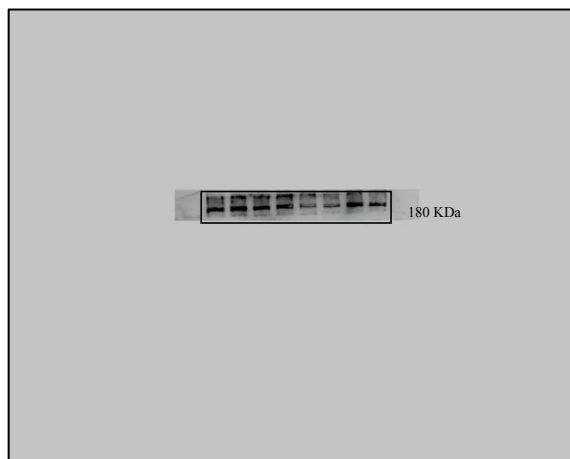
IB: ATR



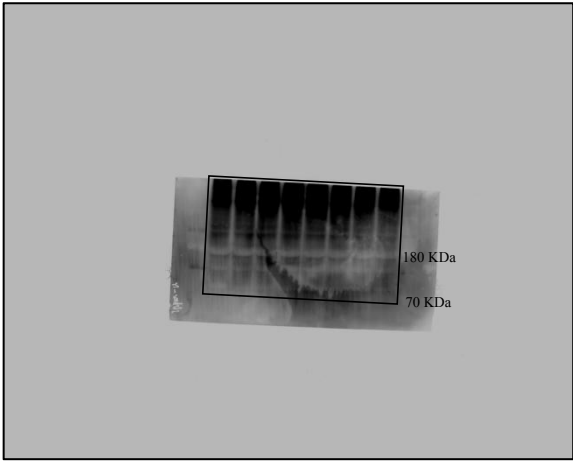
IB: Ub



Input: ATR



Input: Ub



Input: GAPDH

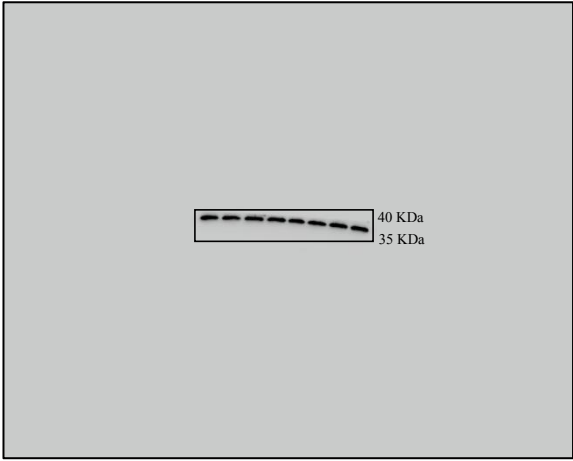
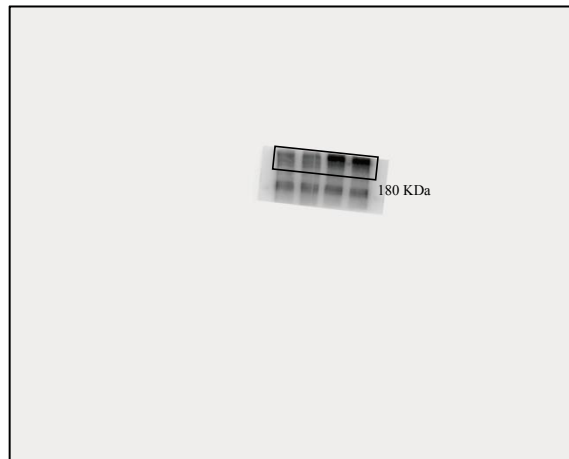
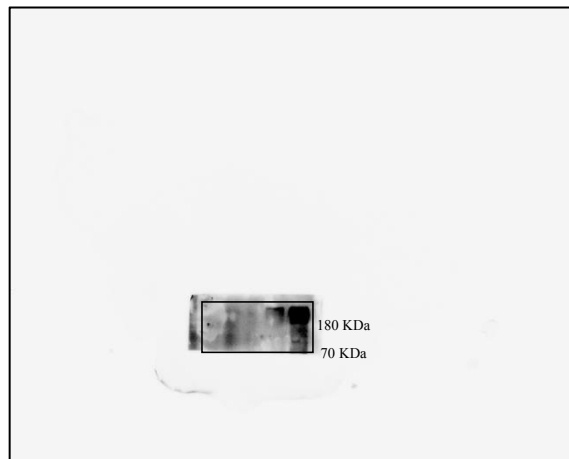


Figure 7H

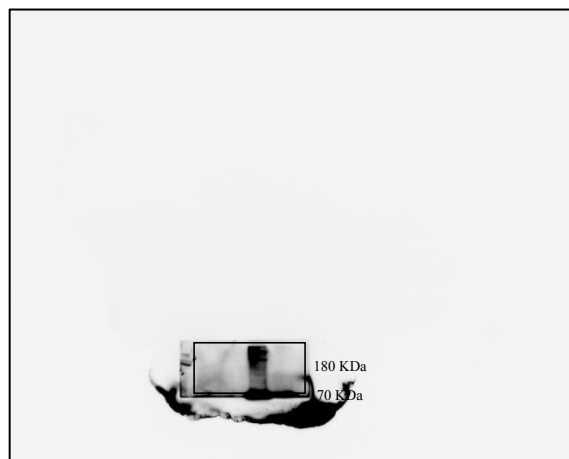
IB: ATR



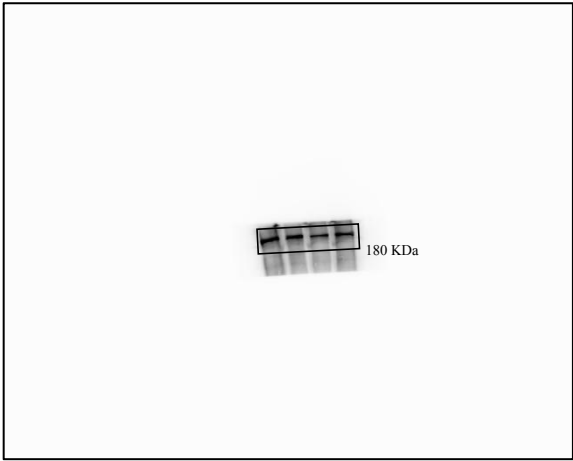
IB: K48-Ub



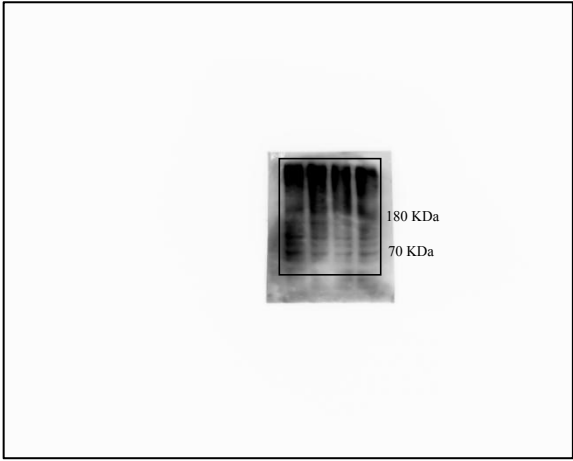
K63-Ub



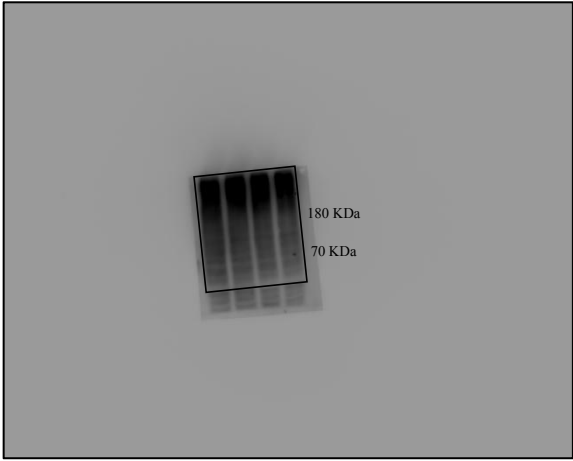
Input: ATR



Input: K48-Ub



Input: K63-Ub

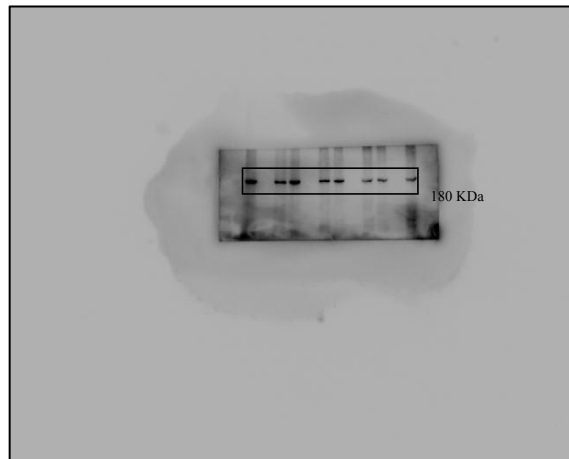


Input: GAPDH

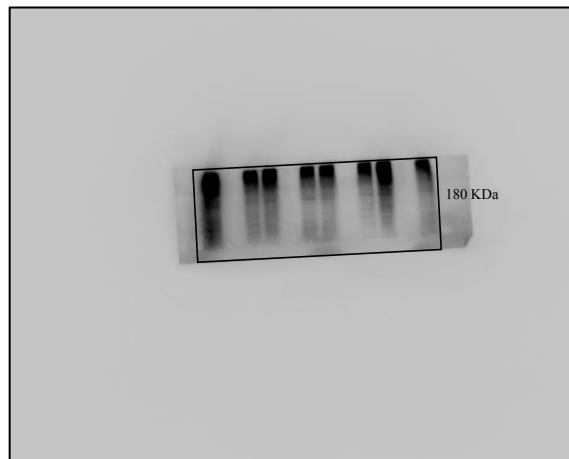


Figure 7I

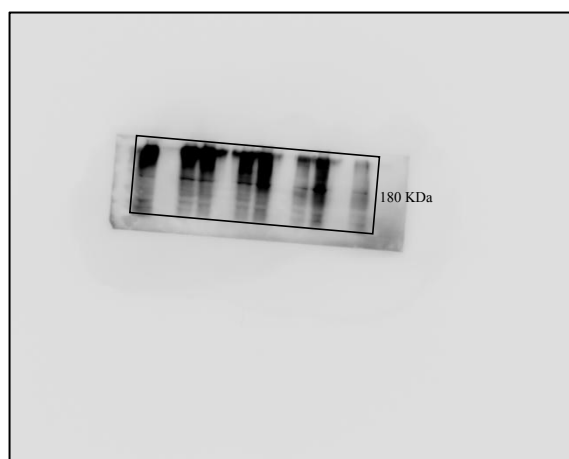
ATR-1



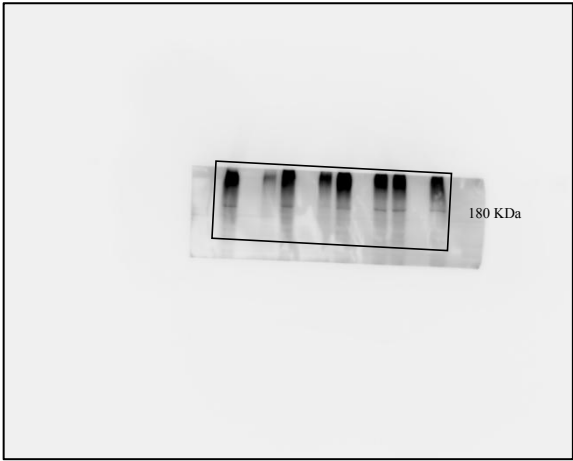
Ub-1



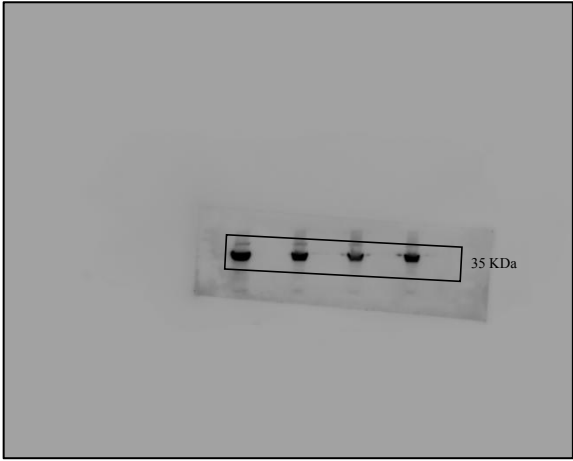
K63-Ub-1



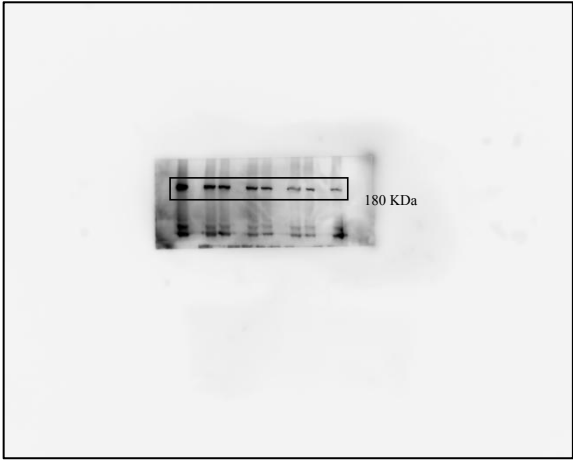
K48-Ub-1



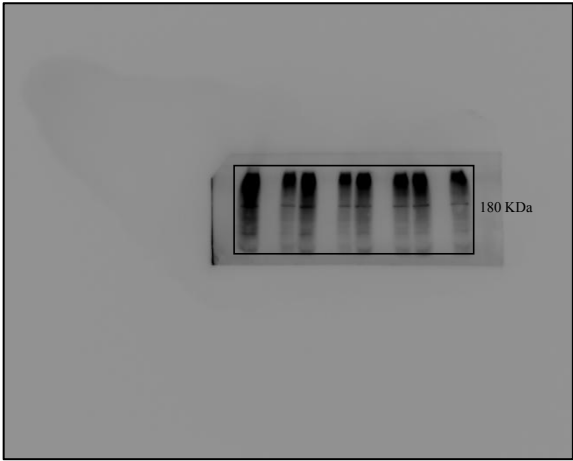
GAPDH-1



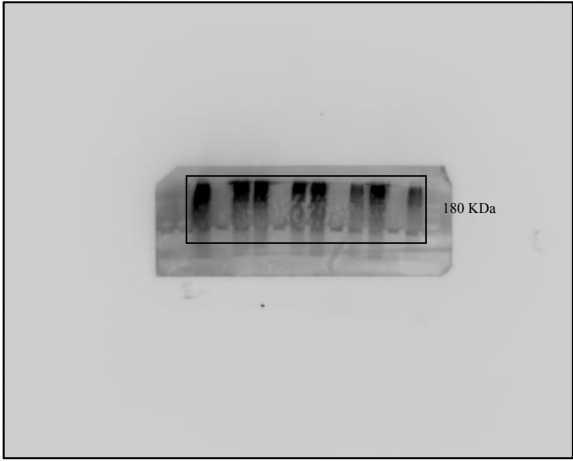
ATR-2



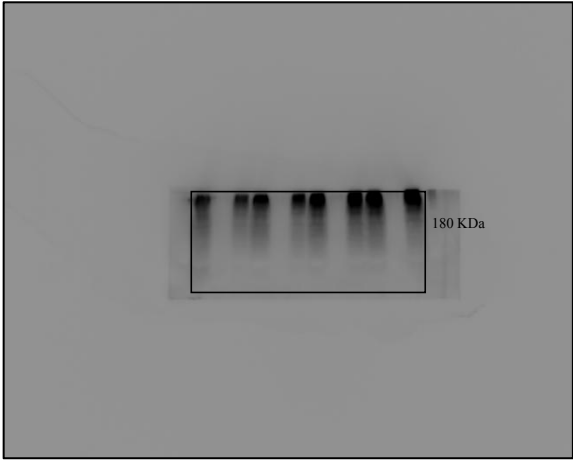
Ub-2



K63-Ub-2



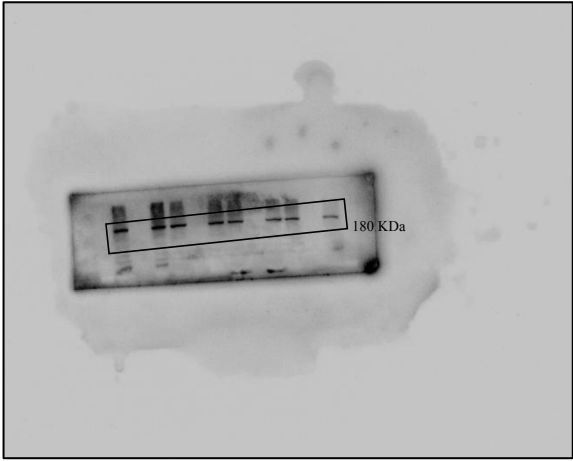
K48-Ub-2



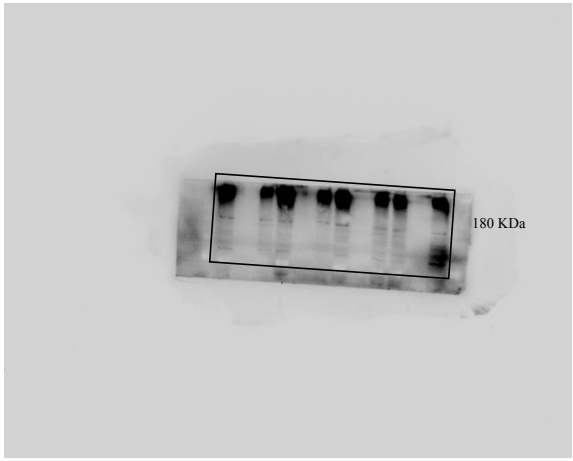
GAPDH-2



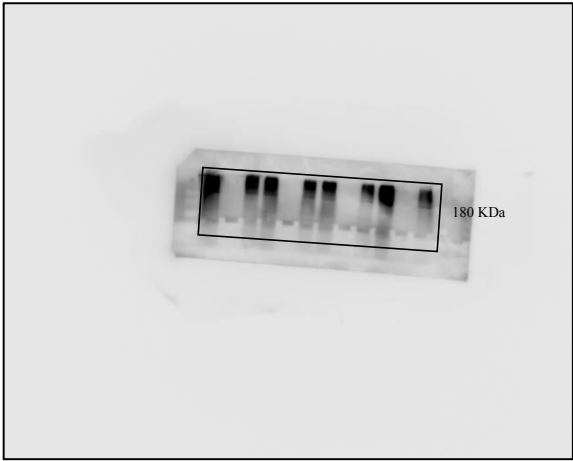
ATR-3



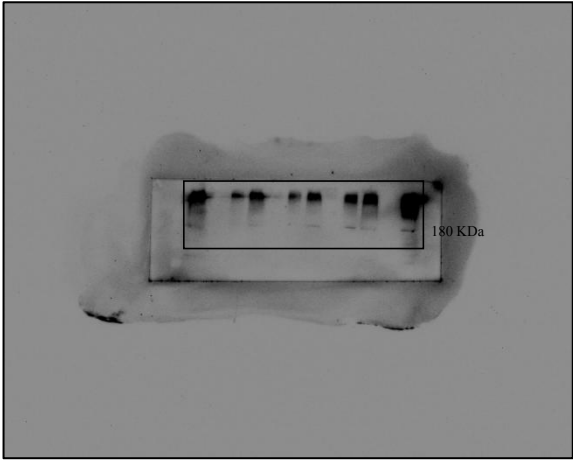
Ub-3



K63-Ub-3



K48-Ub-3

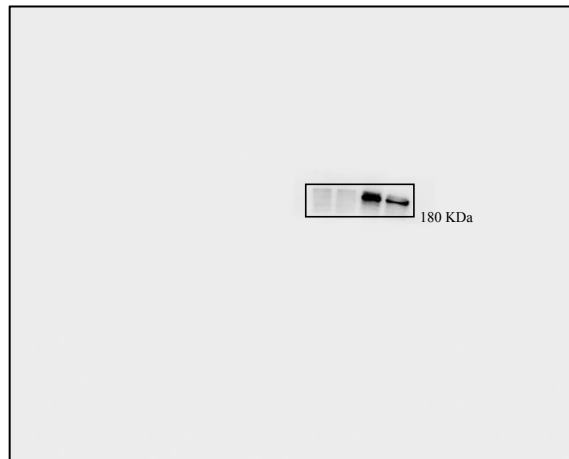


GAPDH-3

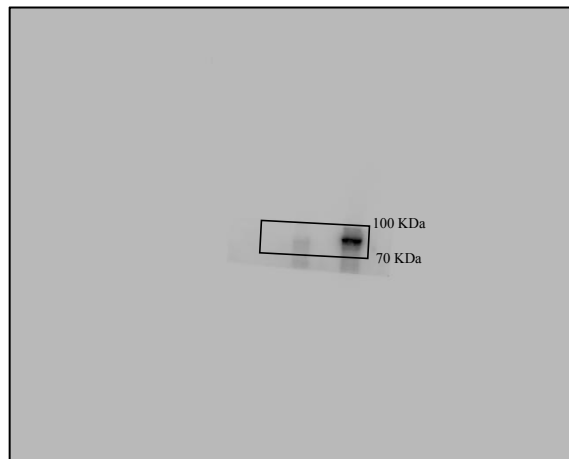


Figure 8D

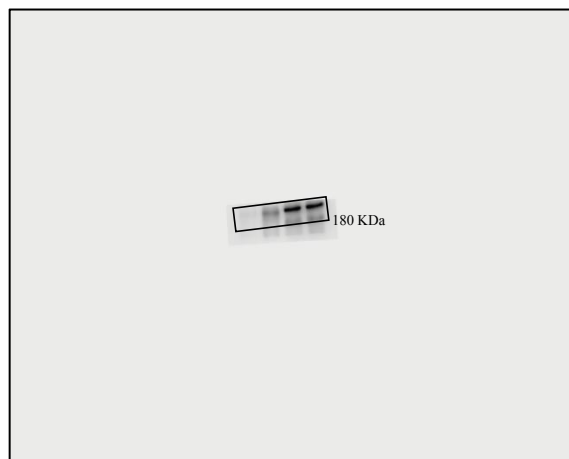
IB: Flag



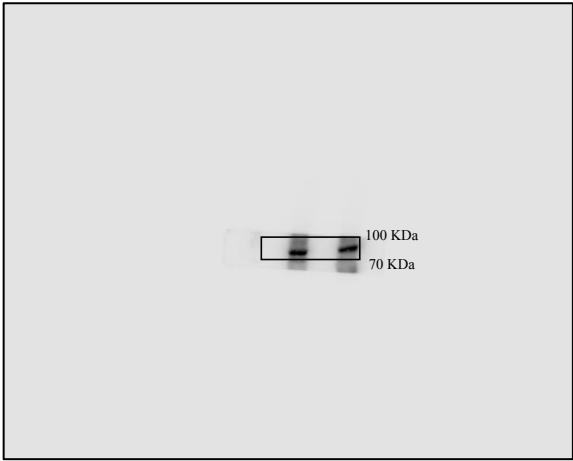
IB: Myc



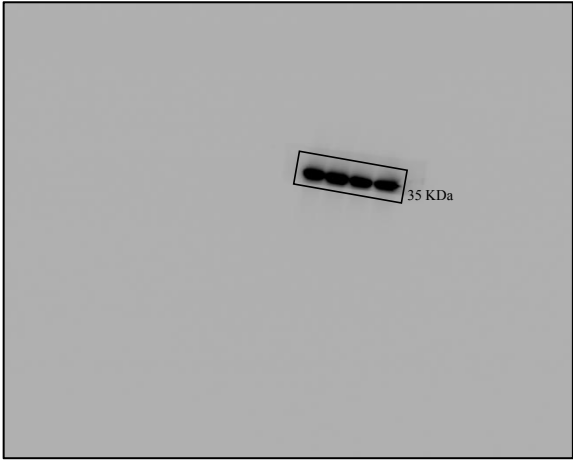
Input: Flag



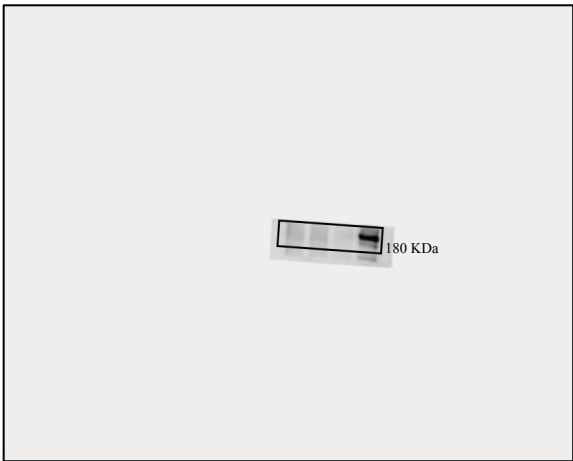
Input: Myc



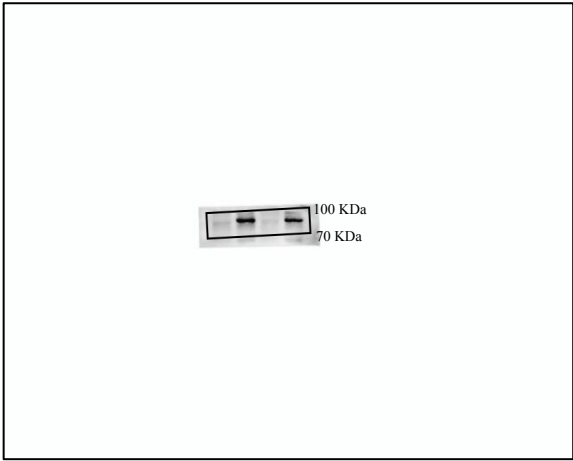
Input: GAPDH



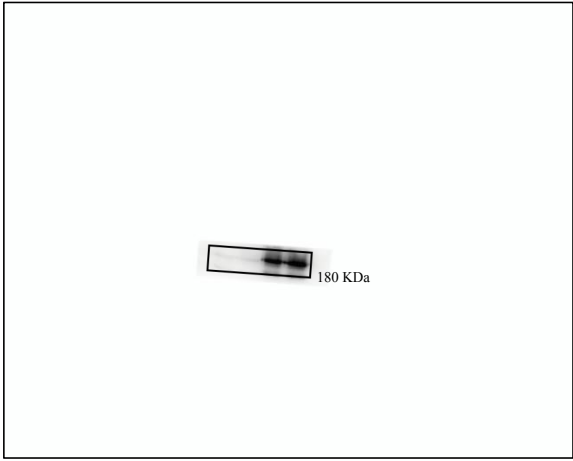
IB: Flag



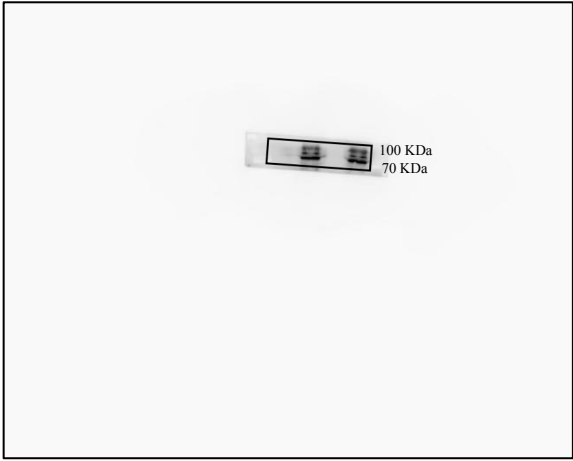
IB: Myc



Input: Flag



Input: Myc



Input: GAPDH

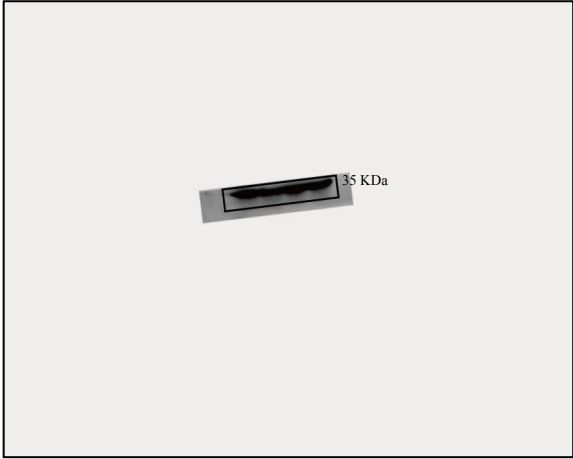
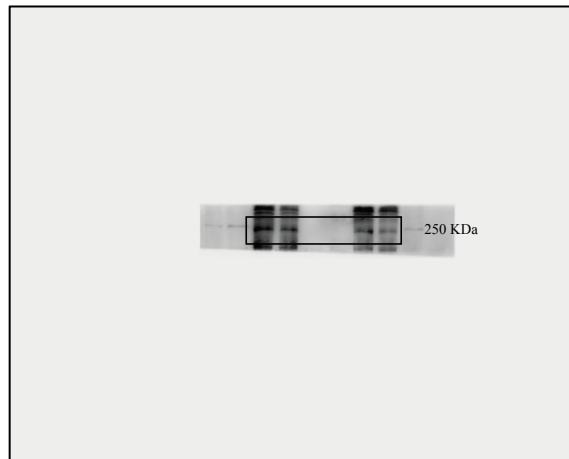
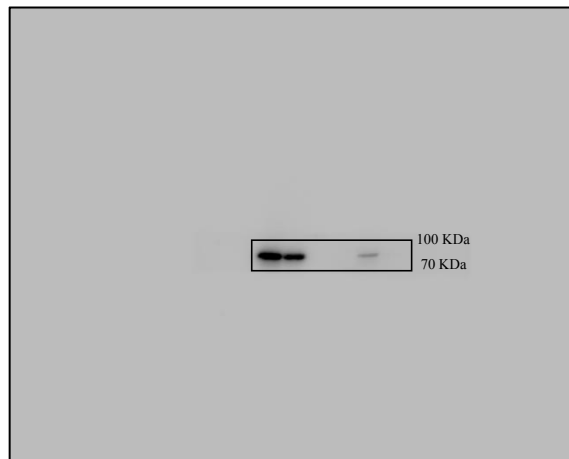


Figure 8E

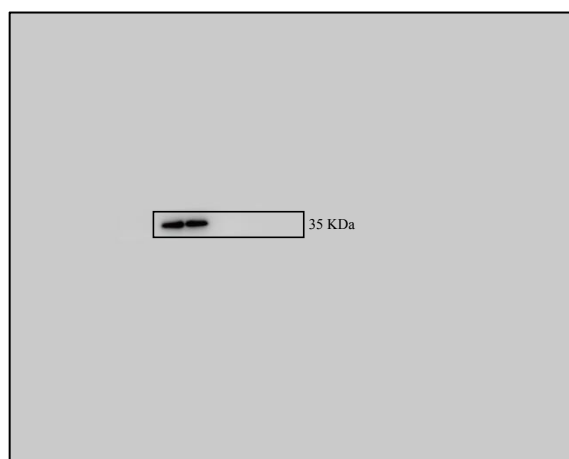
ATR



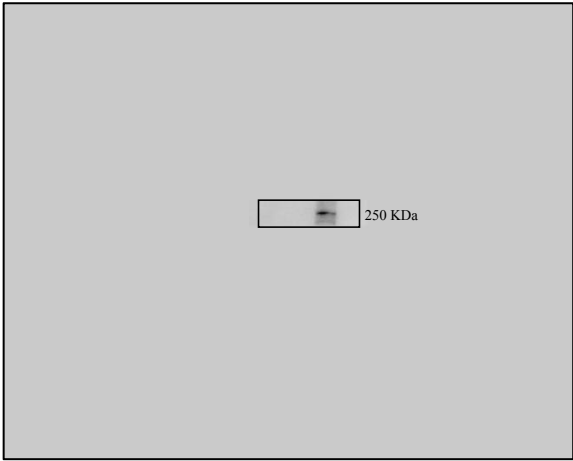
TRIM56



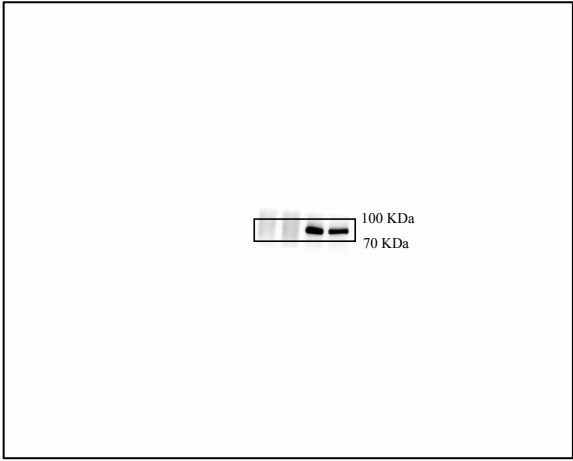
GAPDH



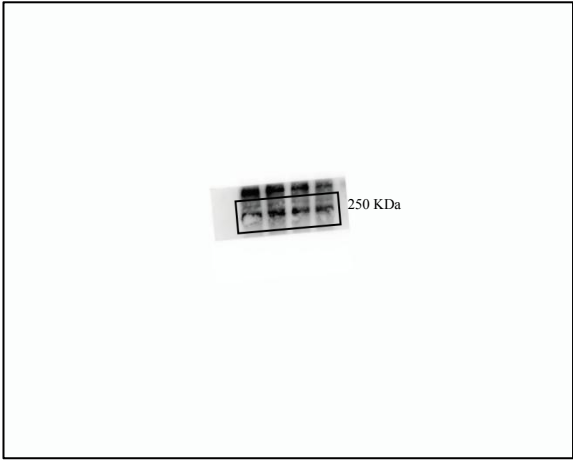
IB: ATR



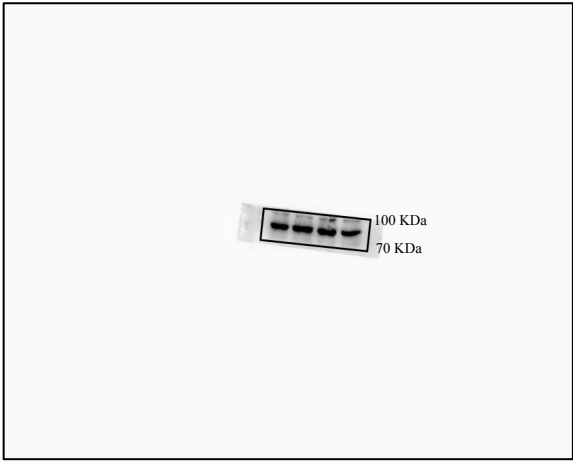
IB: TRIM56



Input: ATR



Input: TRIM56



Input: GAPDH

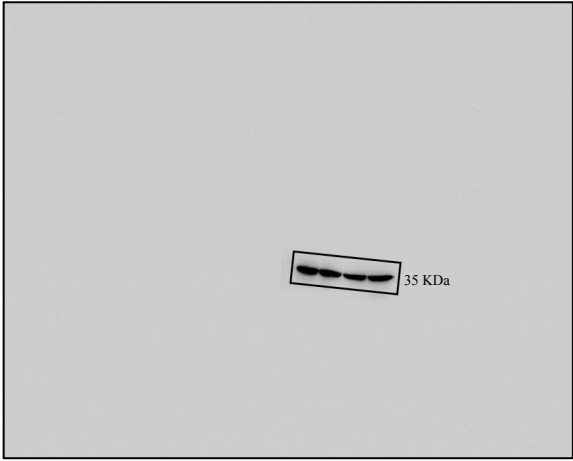
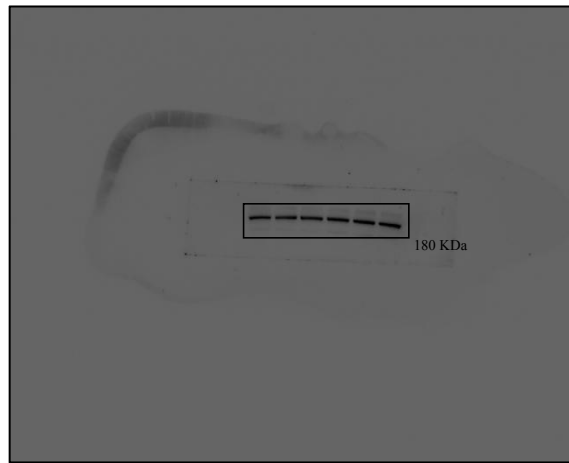
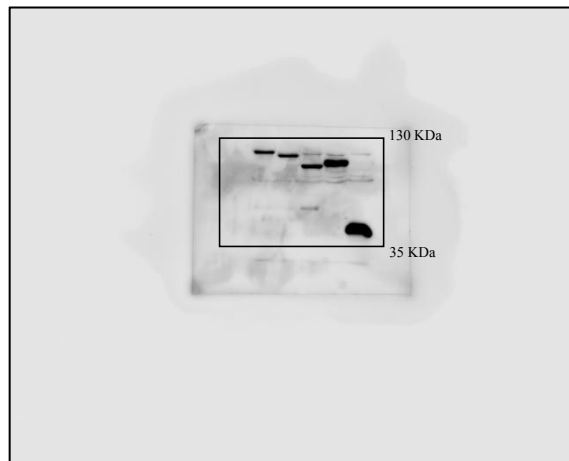


Figure 8I

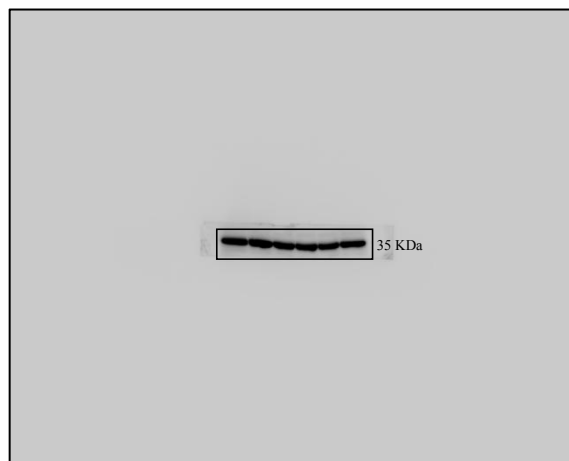
Input: Flag



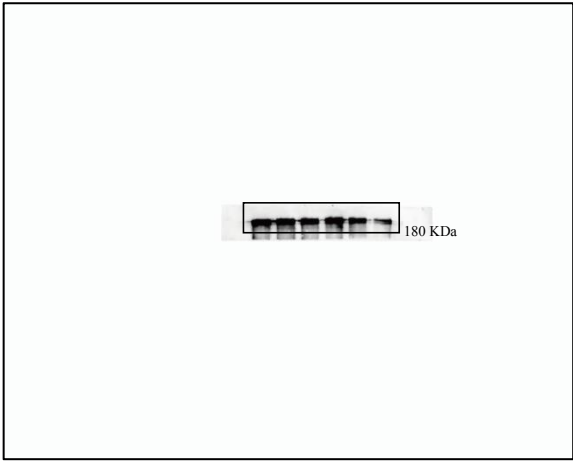
Input: TRIM56



Input: GAPDH



IB: Flag

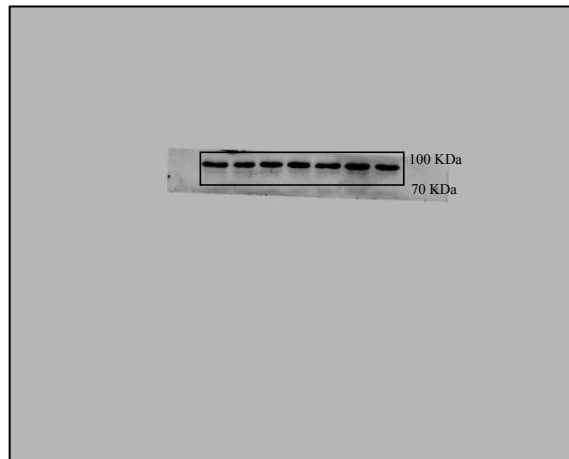


IB: TRIM56

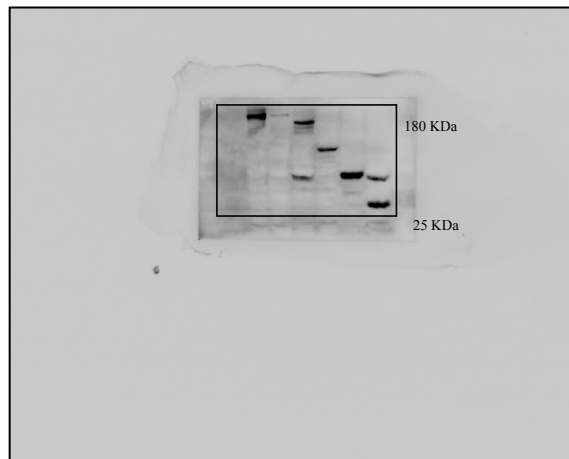


Figure 8J

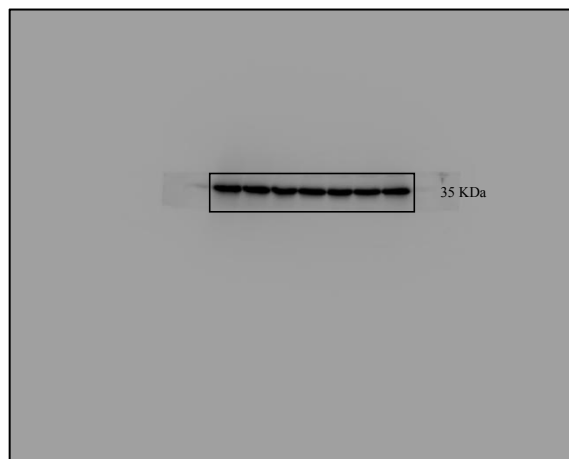
Input: Myc



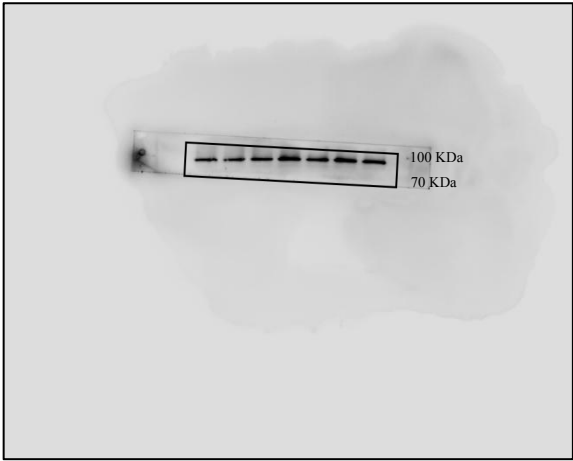
Input: Flag



Input: GAPDH



IB: Myc



IB: Flag

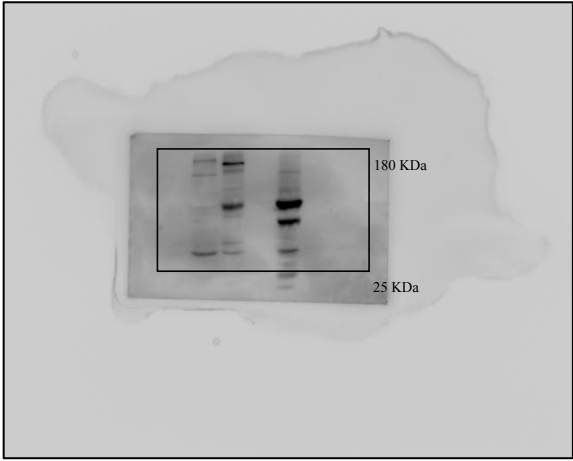
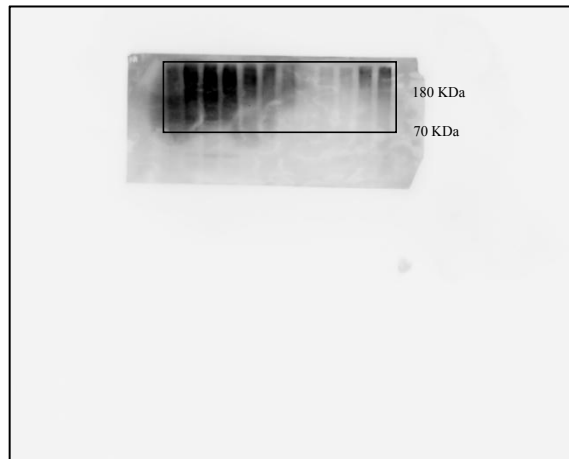
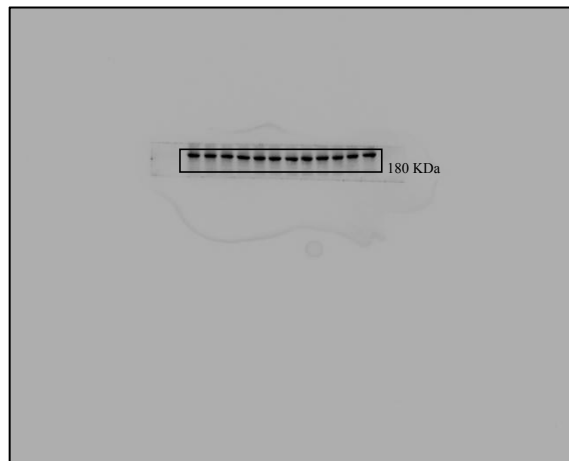


Figure 9A

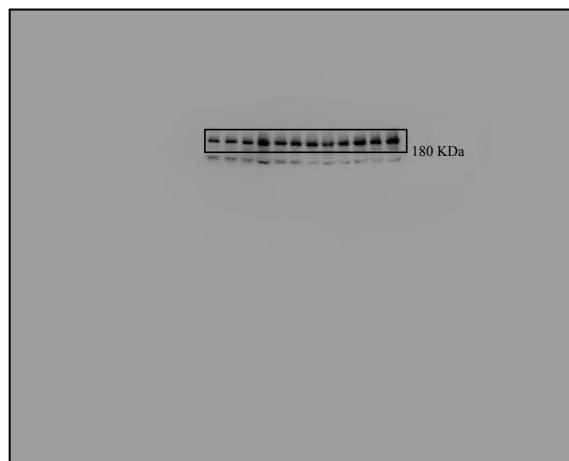
IB: HA



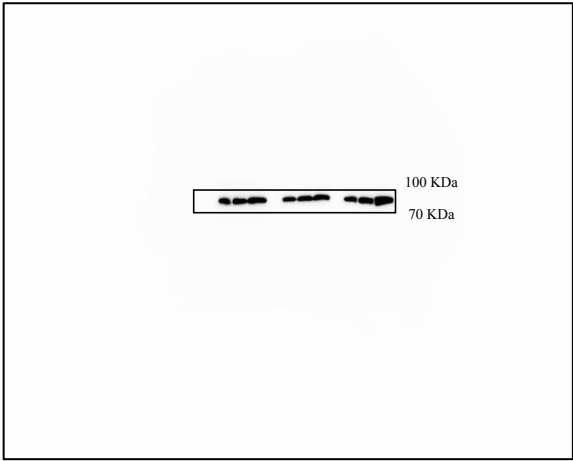
IB: Flag



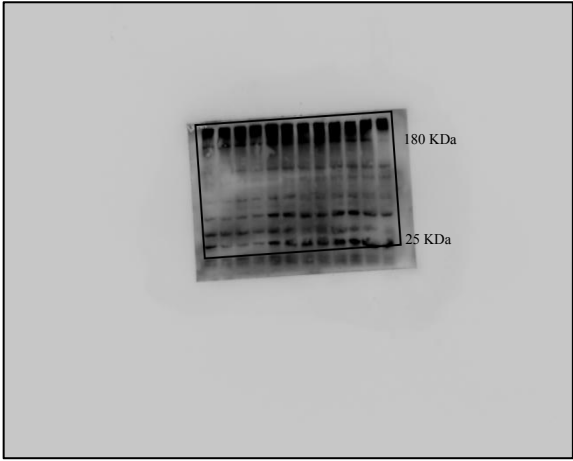
Input: Flag



Input: Myc



Input: HA

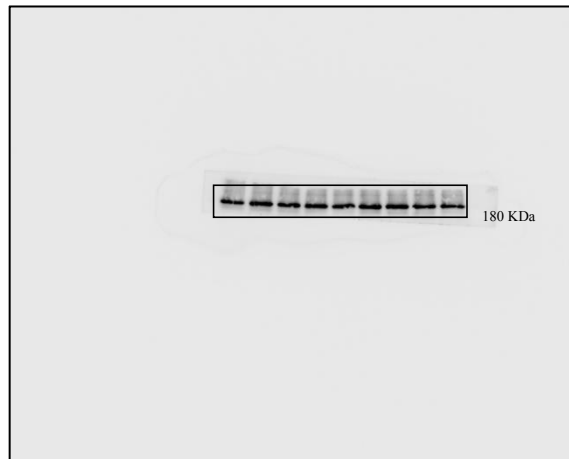


GAPDH

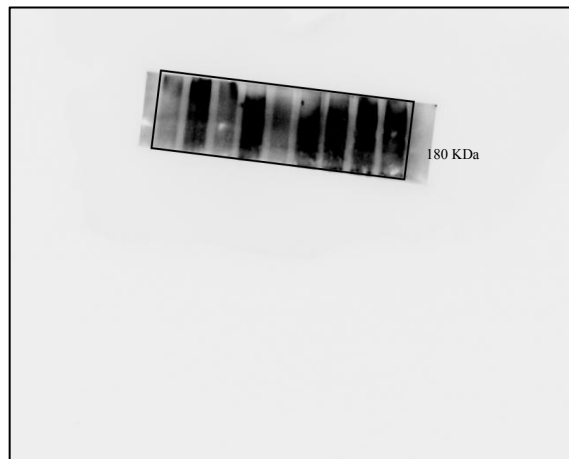


Figure 9B

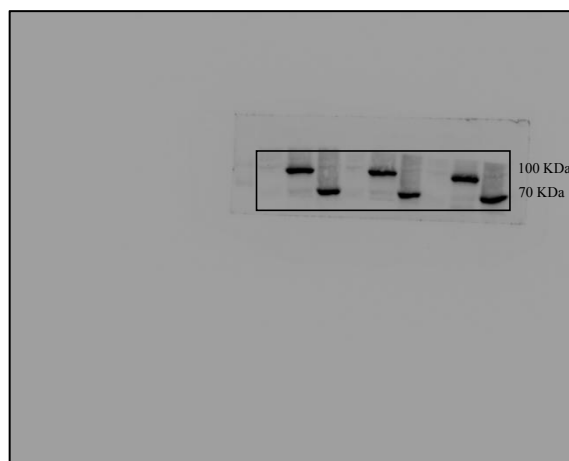
IB: Flag



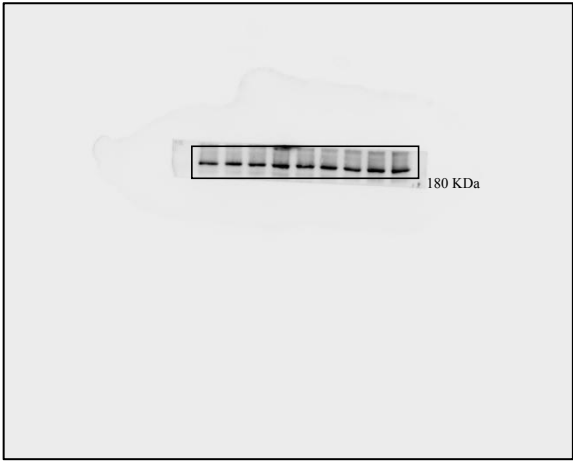
IB: HA



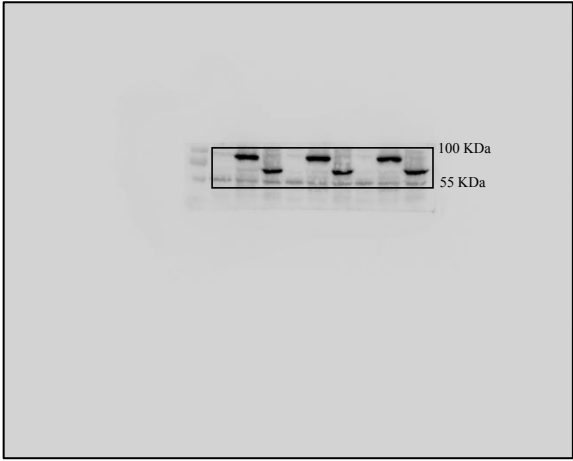
IB: Myc



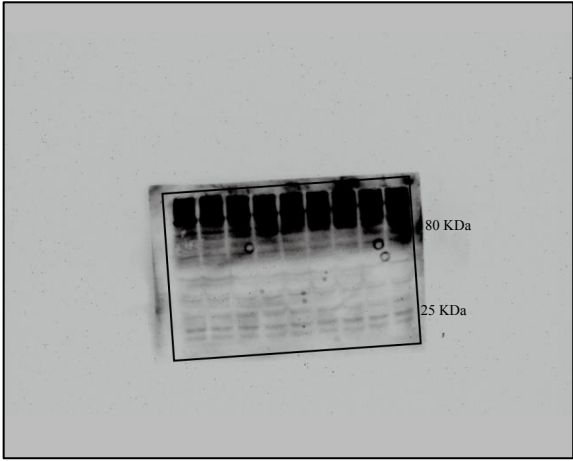
Input: Flag



Input: Myc



Input: HA



Input: GAPDH

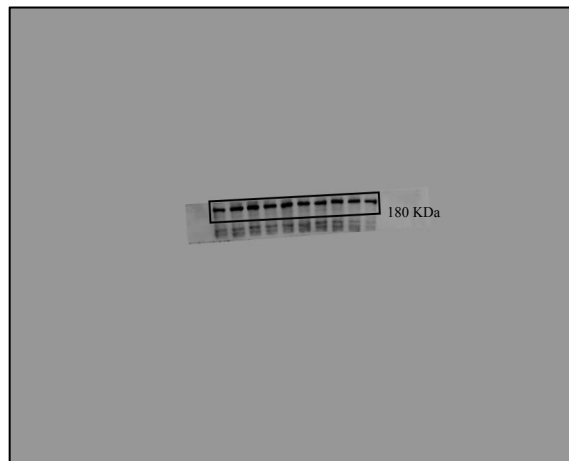


Figure 9C

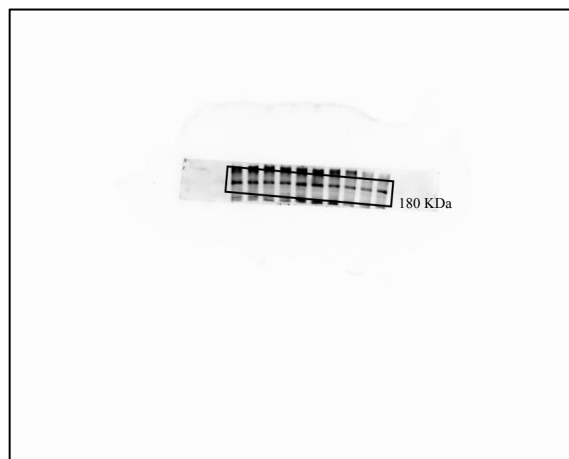
IB: HA



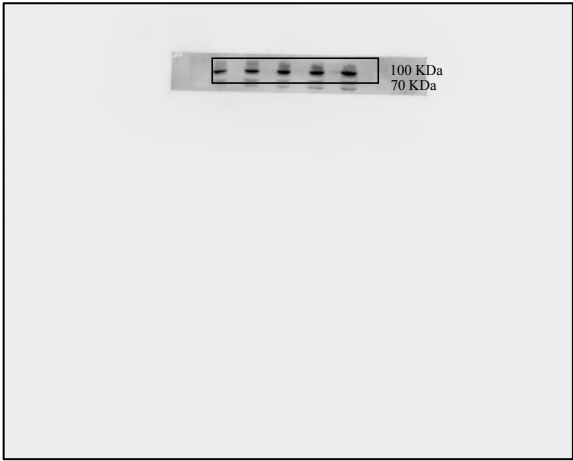
IB: Flag



Input: Flag



Input: Myc

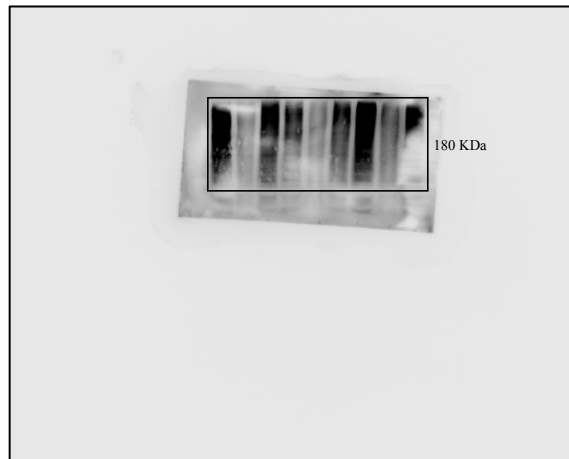


Input: GAPDH

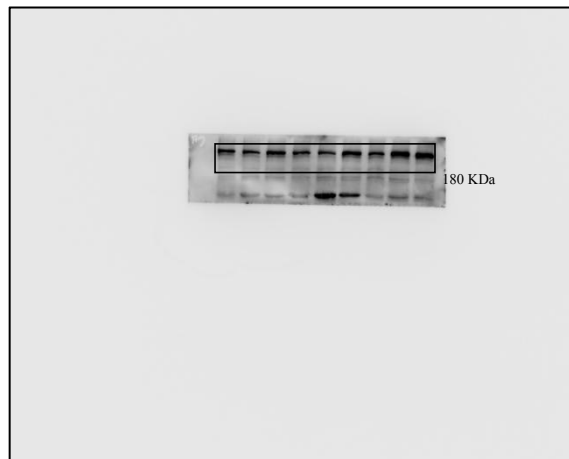


Figure 9F

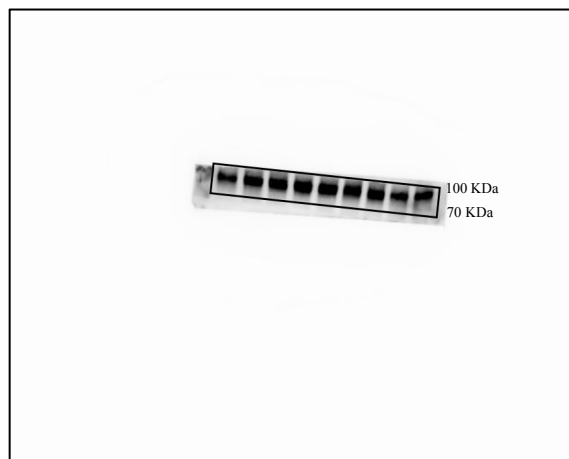
IB: HA



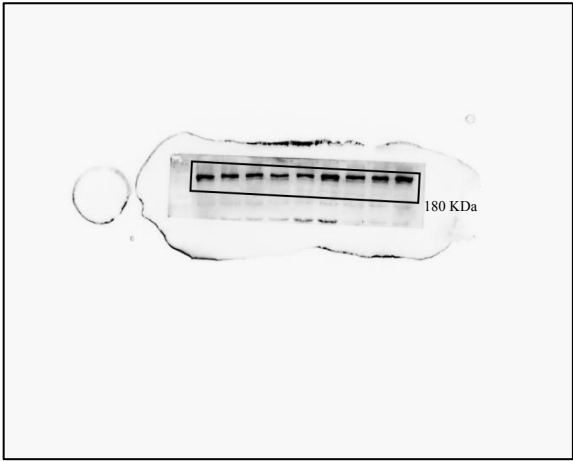
IB: Flag



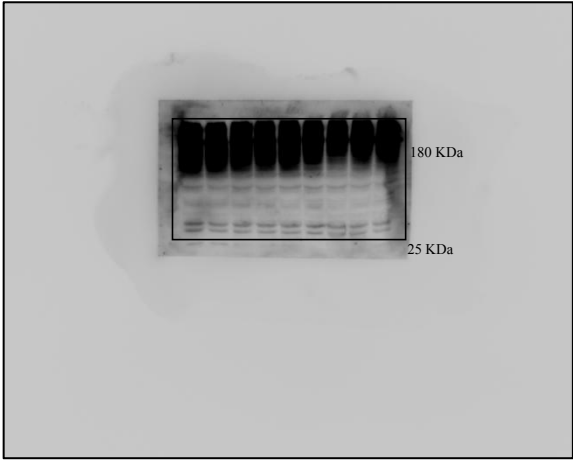
IB: Myc



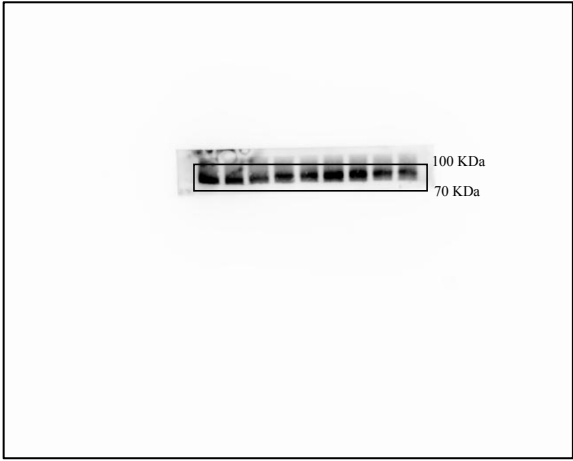
Input: Flag



Input: HA



Input: Myc



Input: GAPDH

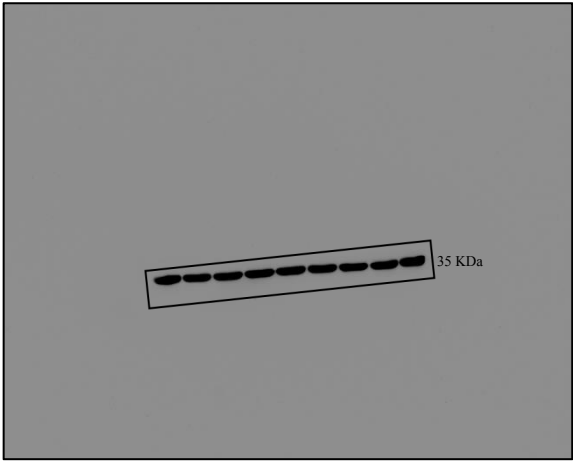
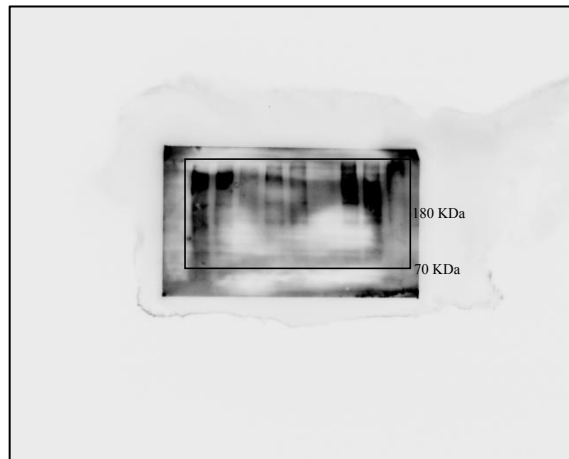
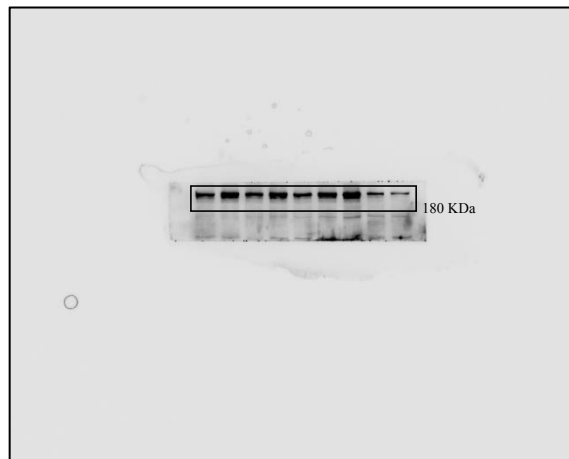


Figure 9G

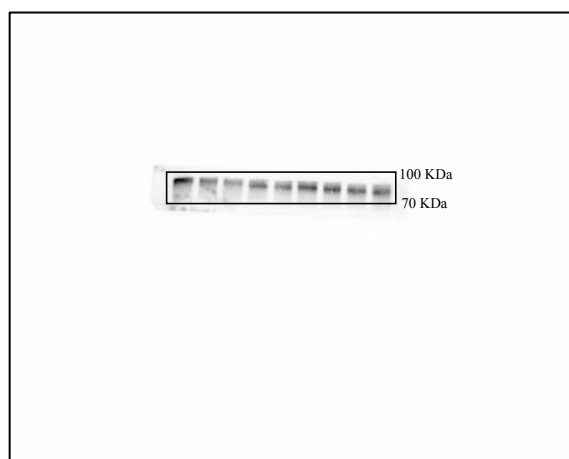
IB: HA



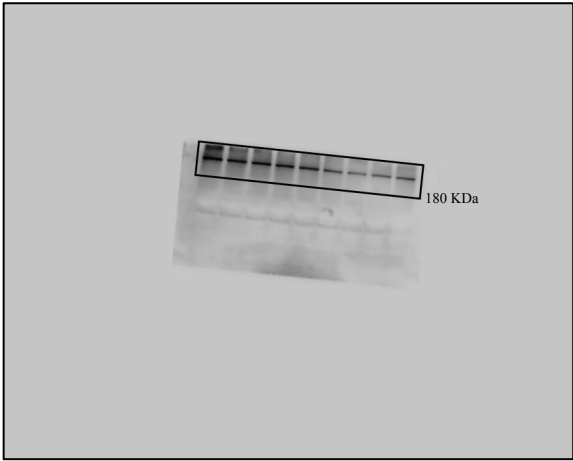
IB: Flag



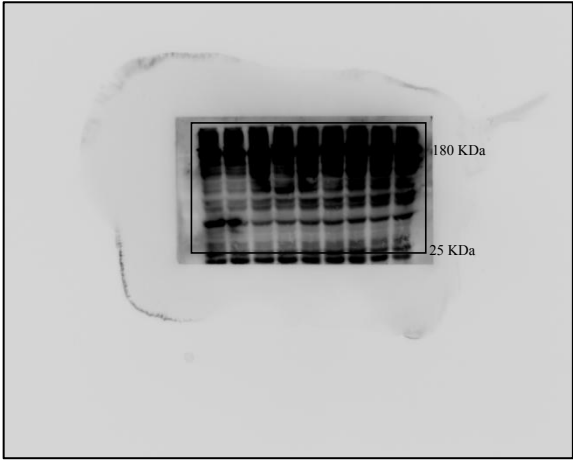
IB: TRIM56



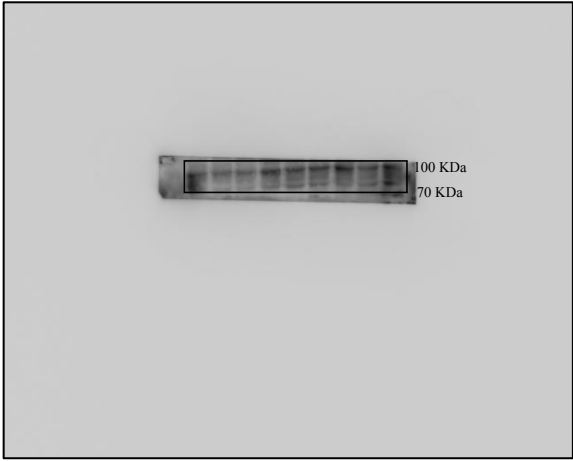
Input: Flag



Input: HA



Input: Myc



Input: GAPDH

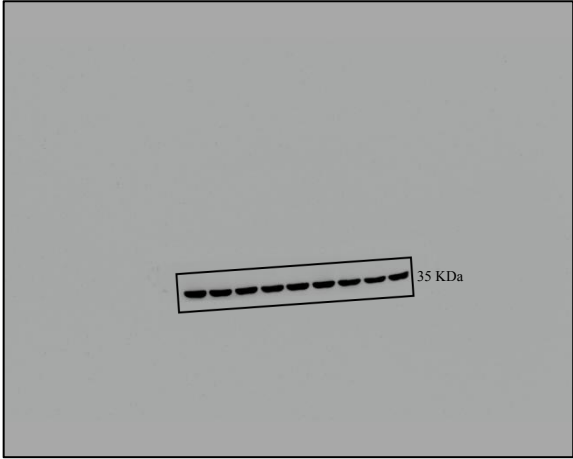
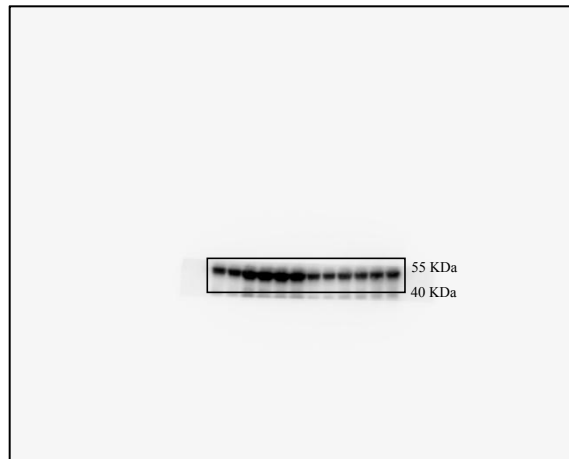
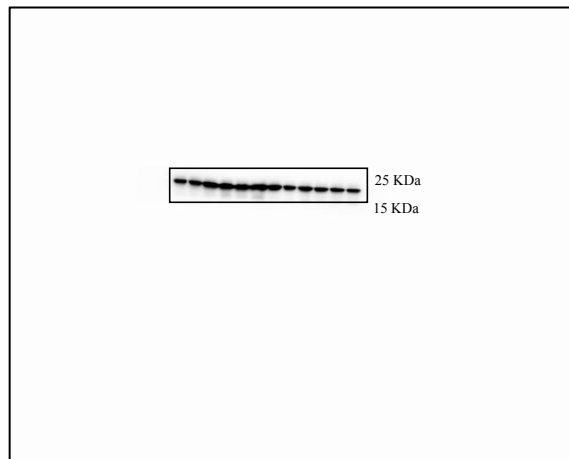


Figure 10A

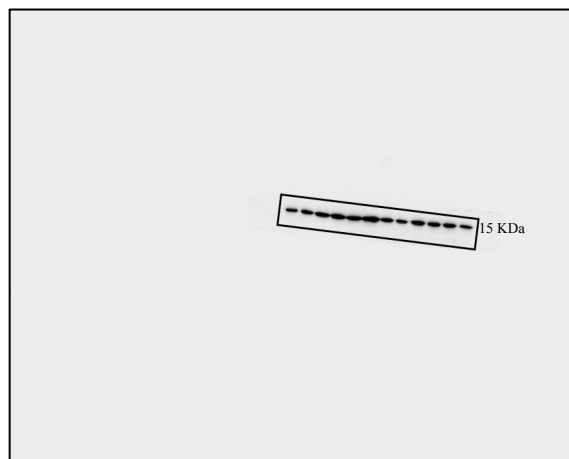
p-p53



p21



p16



GAPDH

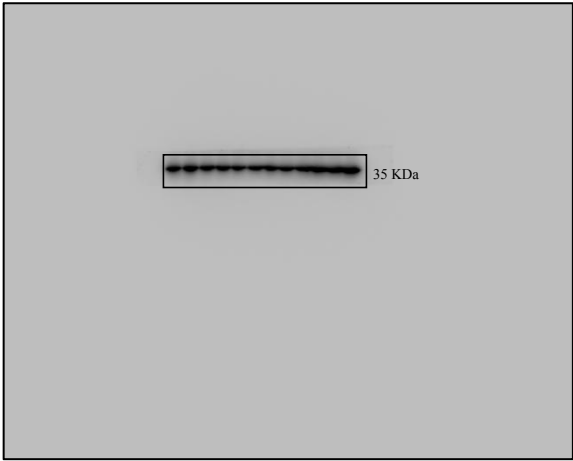
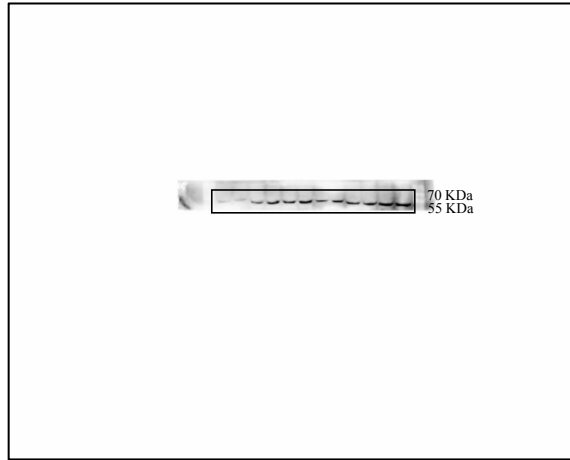


Figure 10D

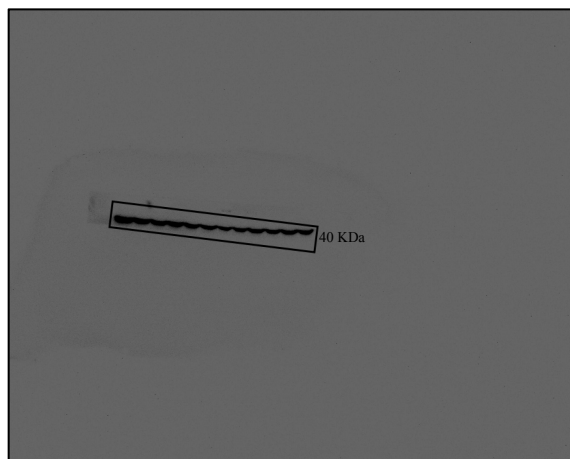
cGAS



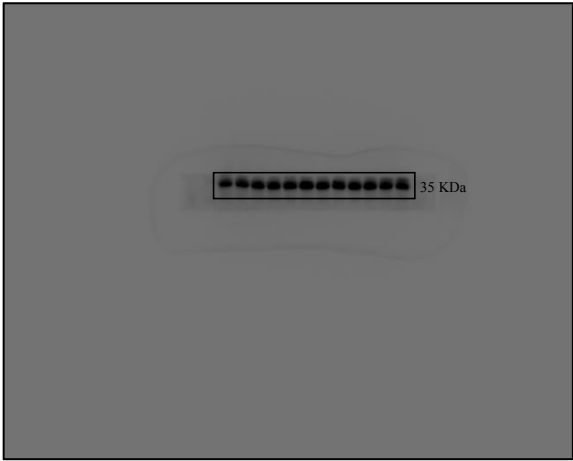
p-STING



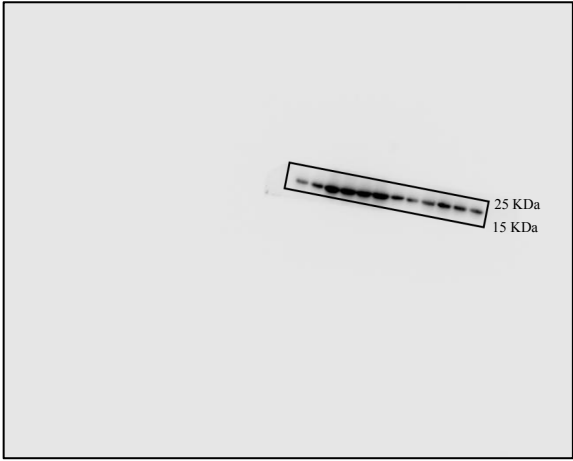
STING



GAPDH



γ H2A



GAPDH

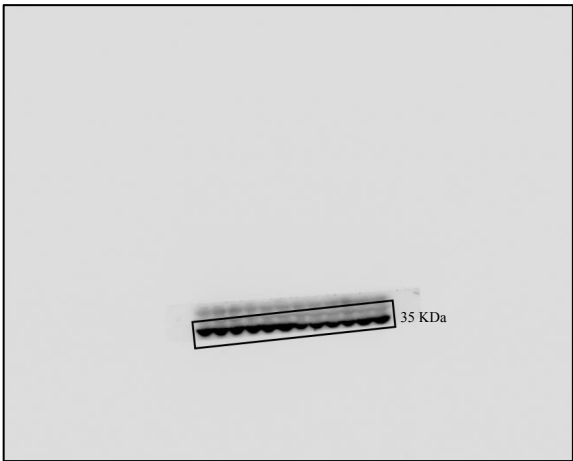


Figure 10F

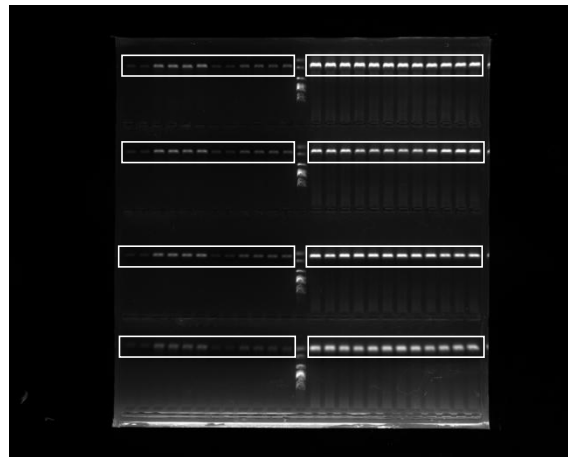
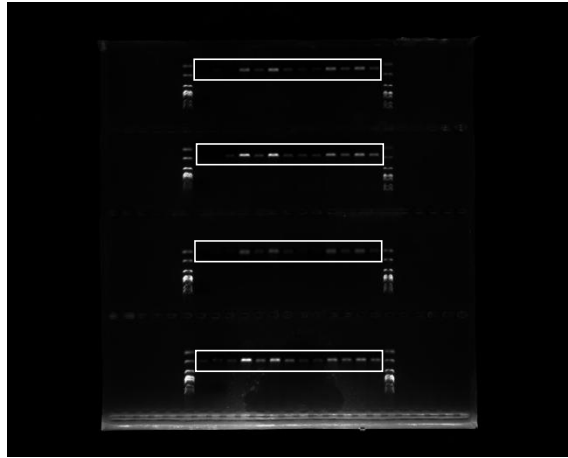
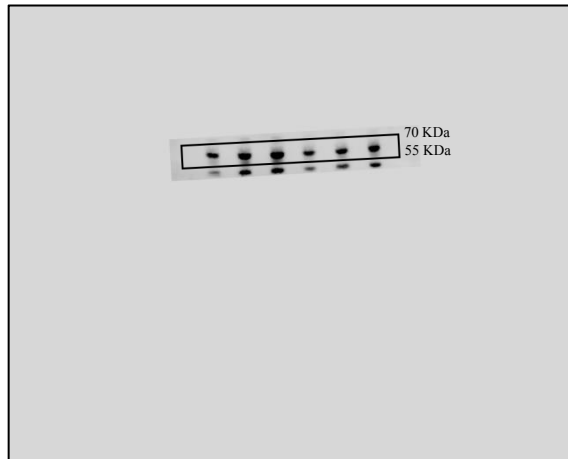


Figure 10G

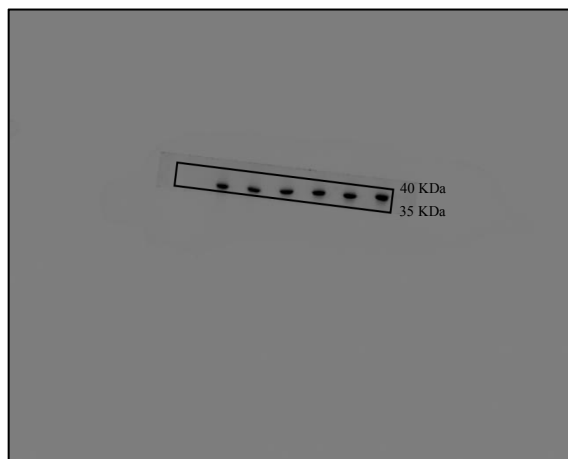
gDNA



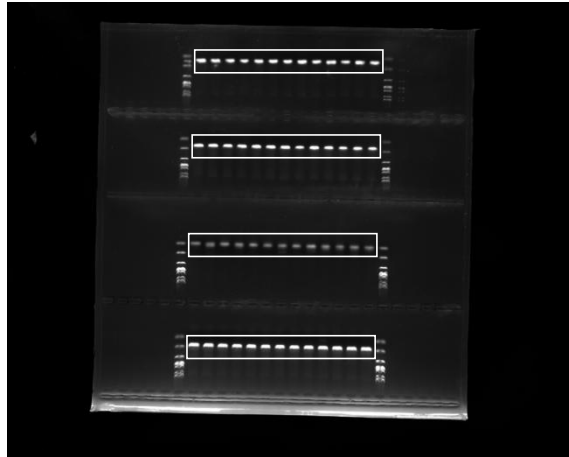
IB: cGAS



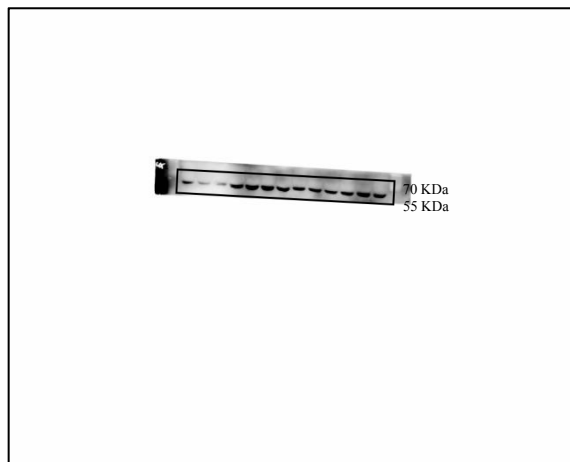
IB: AIM2



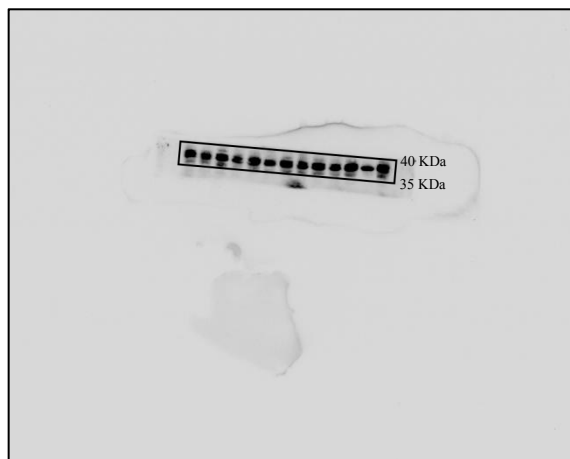
Input: gDNA



Input: cGAS



Input: AIM2



Input: GAPDH

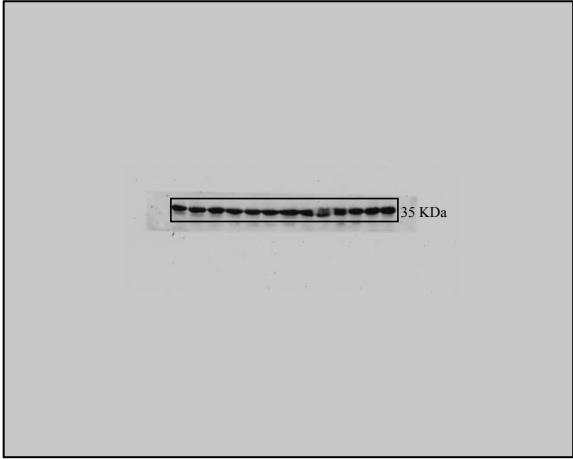
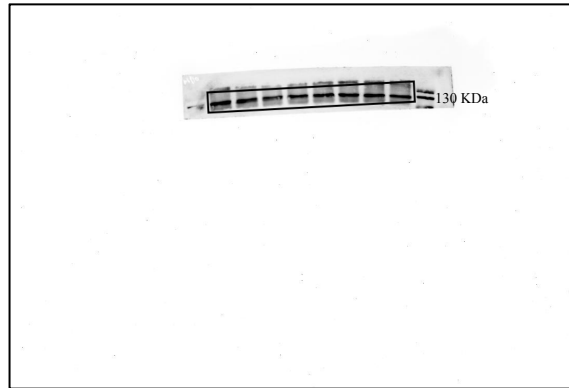
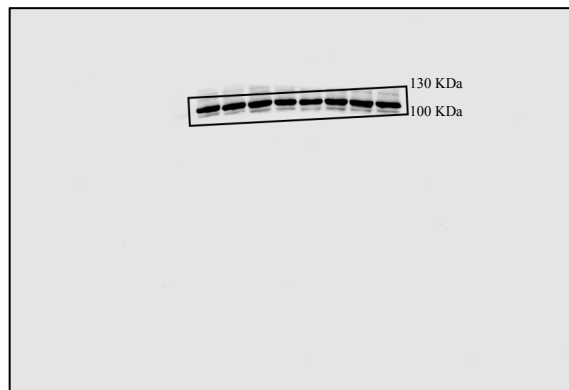


Figure 12A

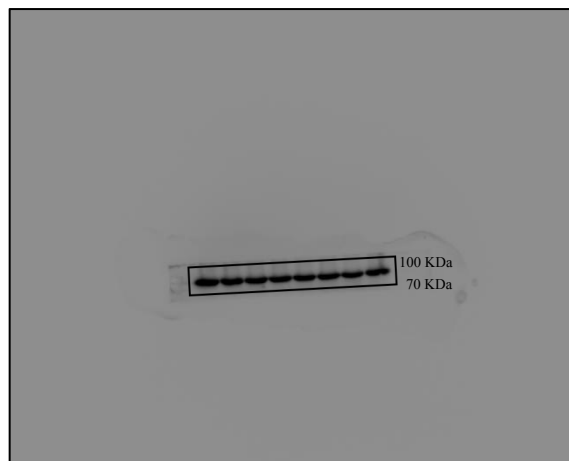
USP10



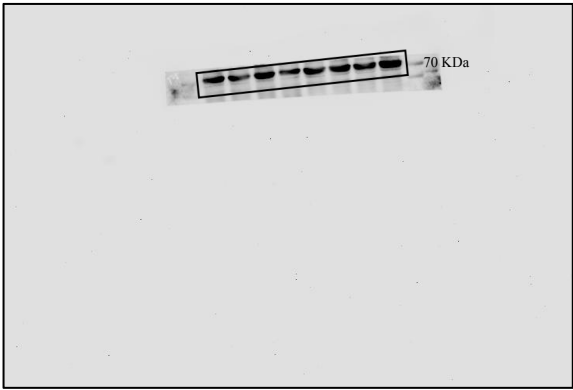
USP5



TIRM56



TRIM25



MKRN1



GAPDH

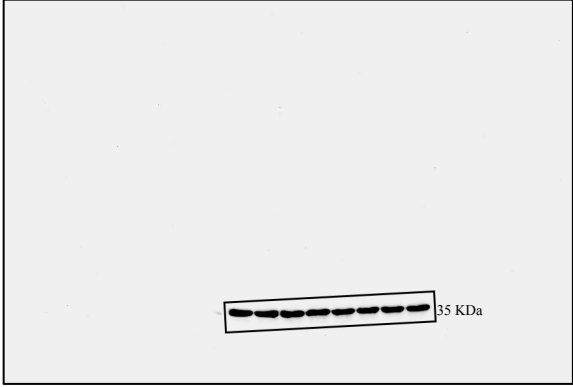
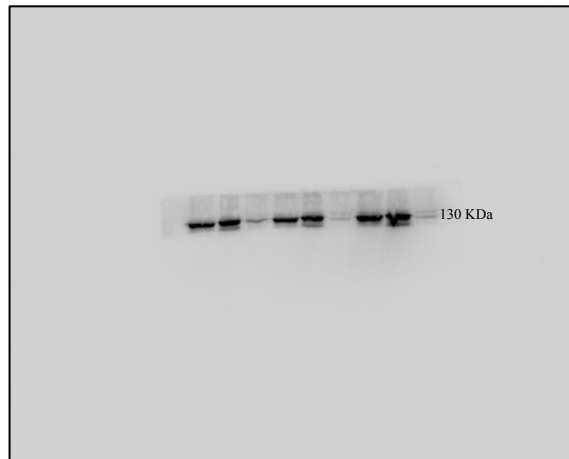
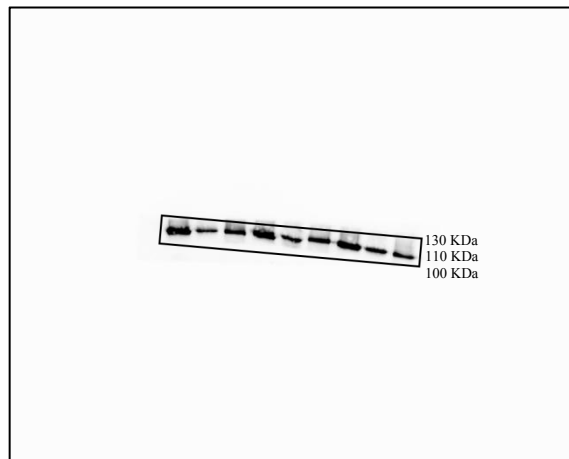


Figure 12F

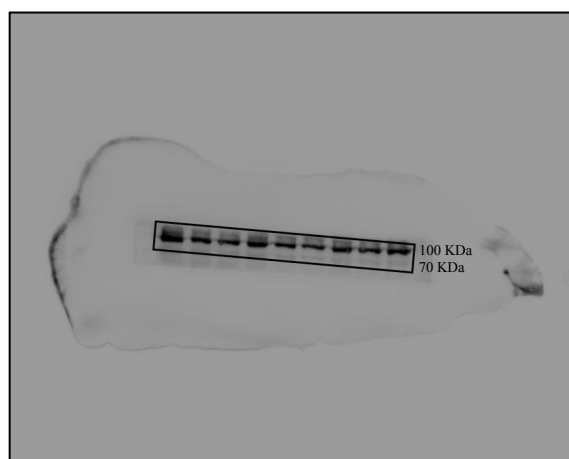
USP10



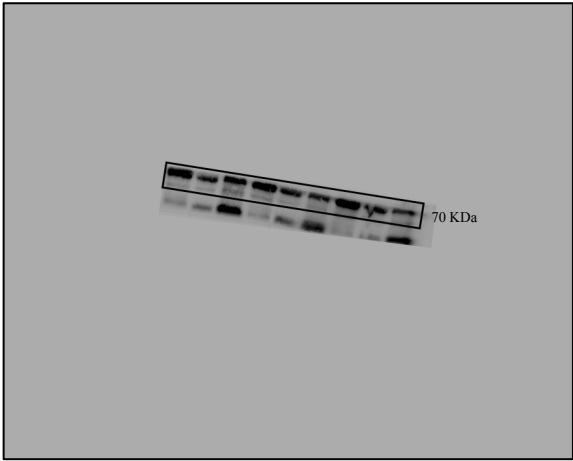
USP5



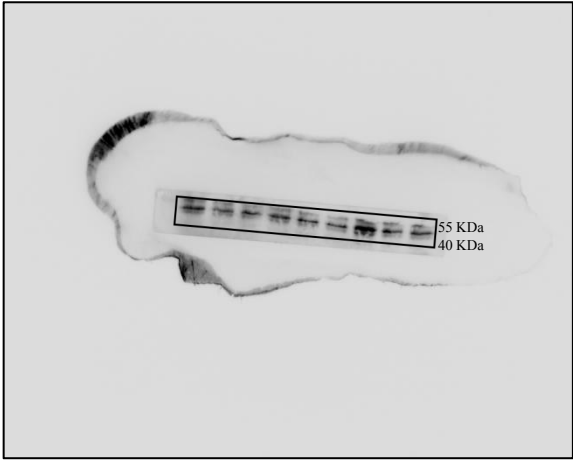
TRIM56



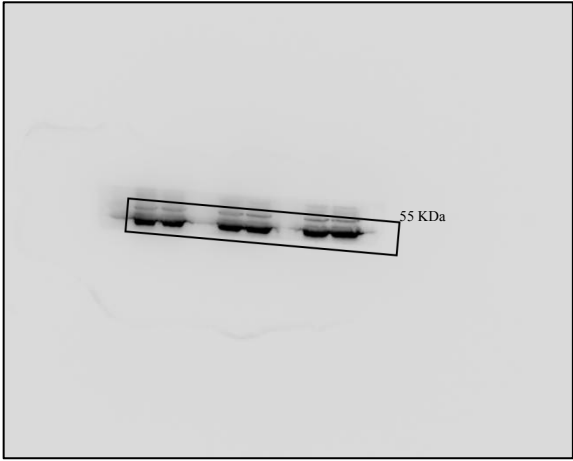
TRIM25



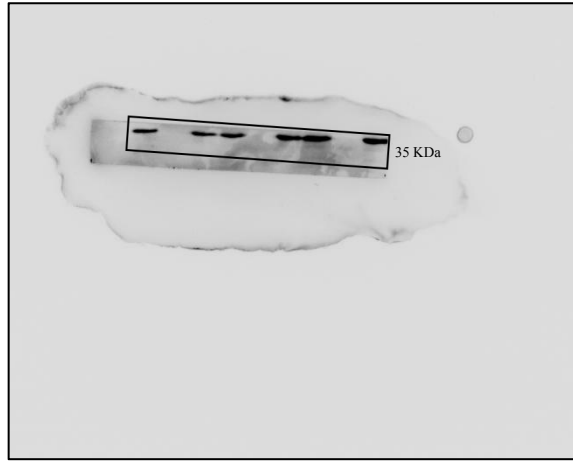
MKRN1



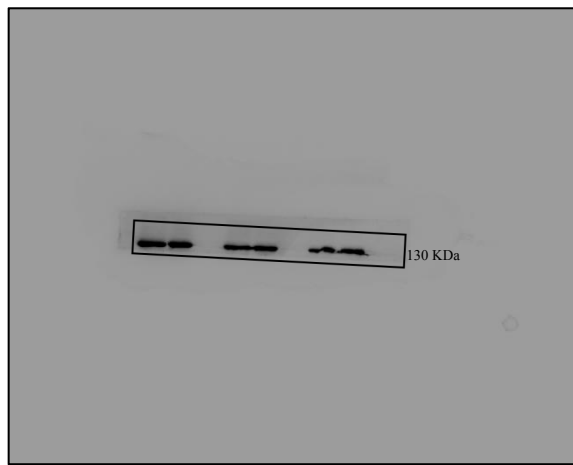
Tubulin



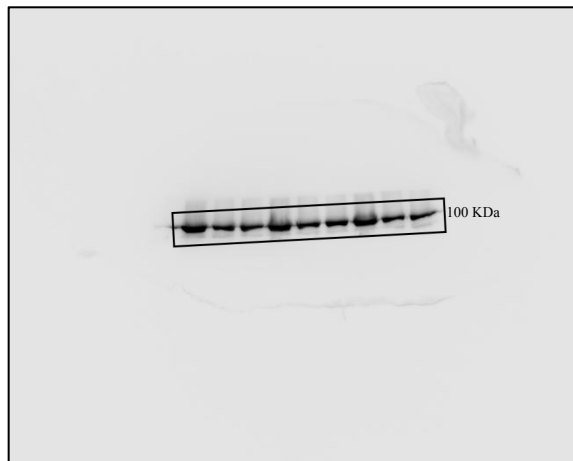
PCNA



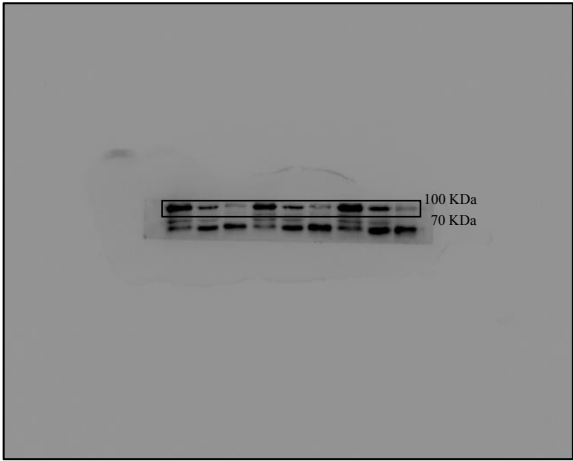
USP10



USP5



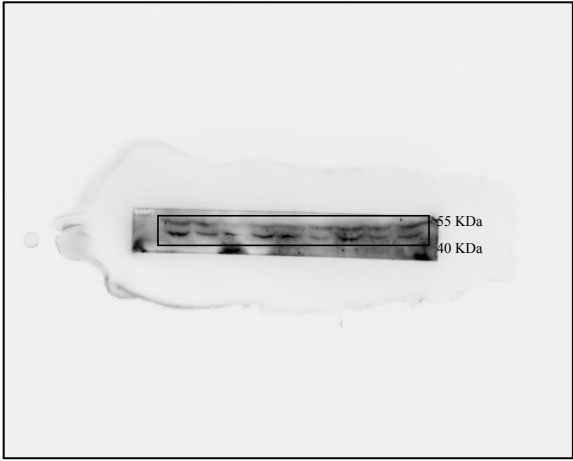
TRIM56



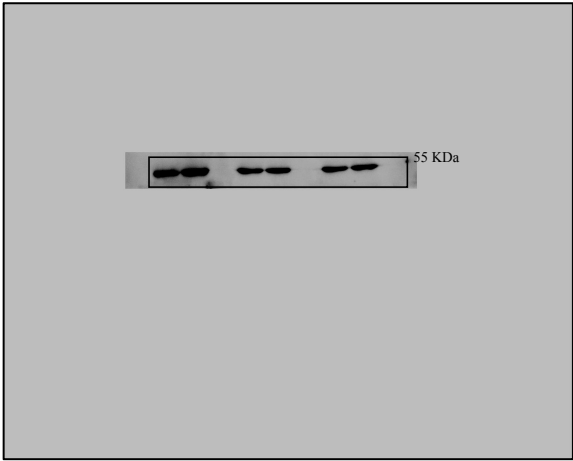
TRIM25



MKRN1



Tubulin



PCNA

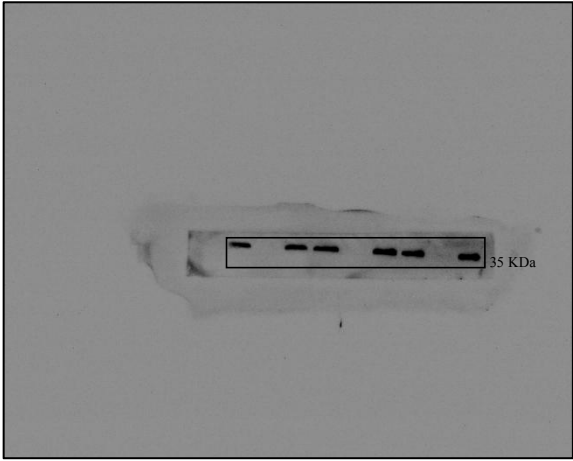
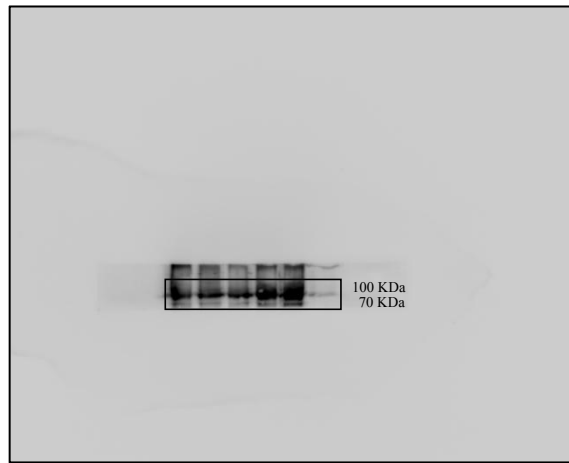


Figure 12I

Myc



Tubulin-PCNA

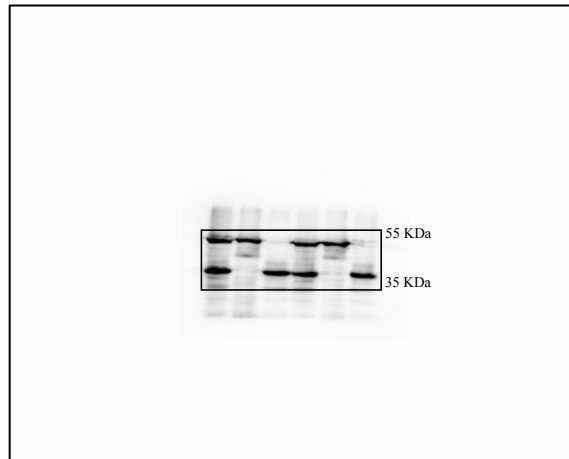
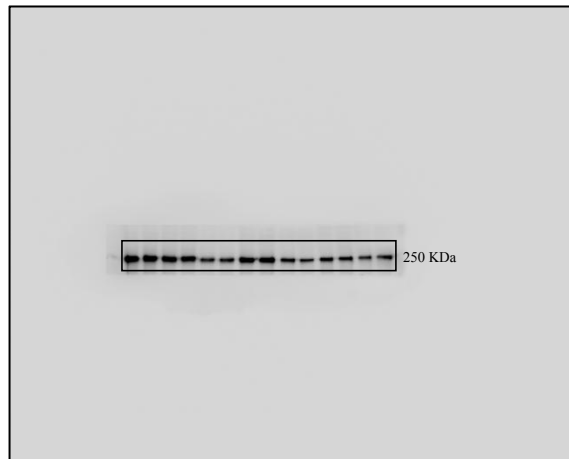


Figure 13A

ATR



GAPDH

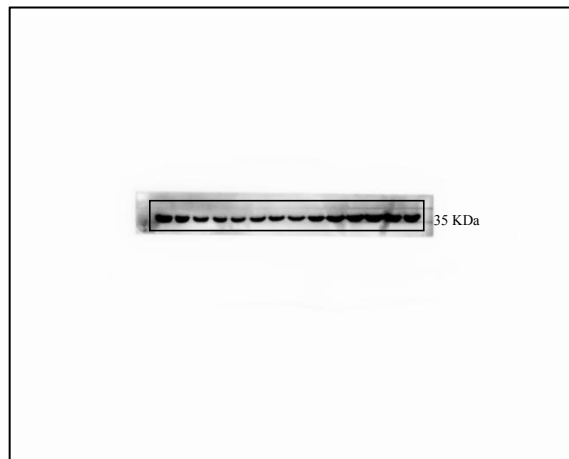
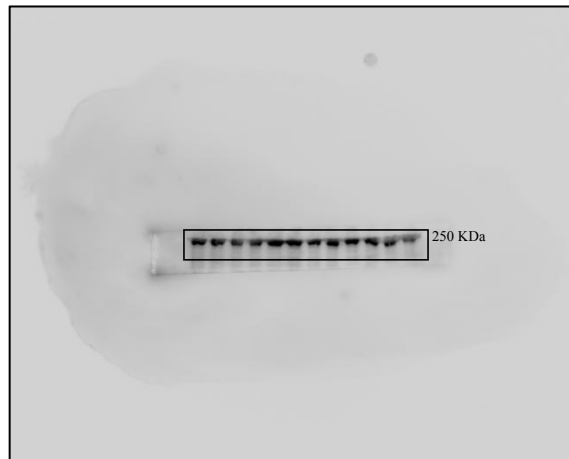


Figure 13B

ATR

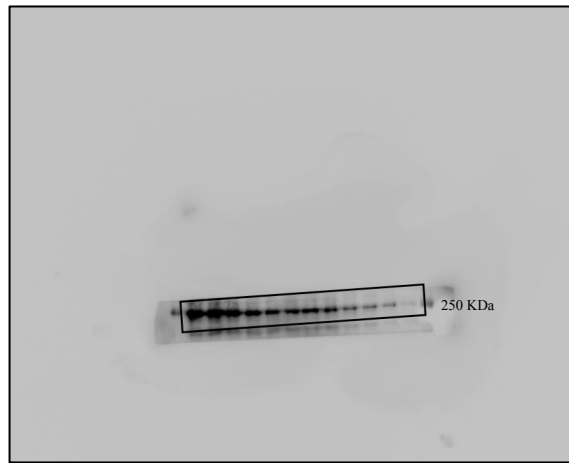


GAPDH



Figure 13C

ATR



GAPDH

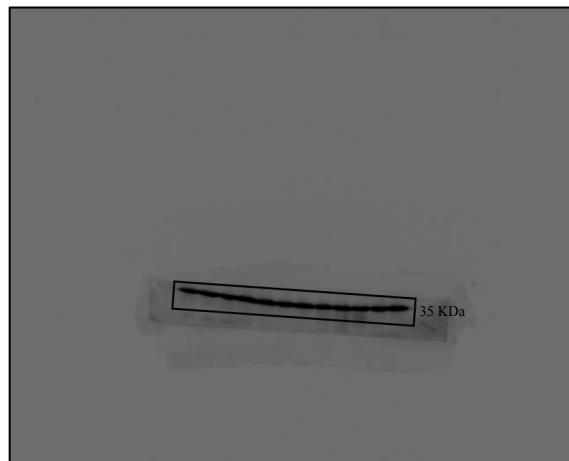
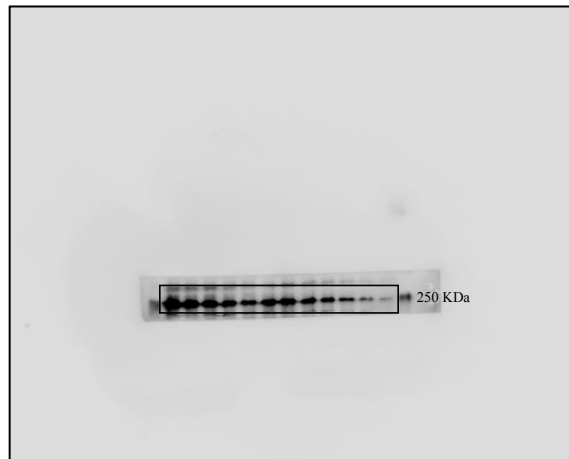


Figure 13C

ATR

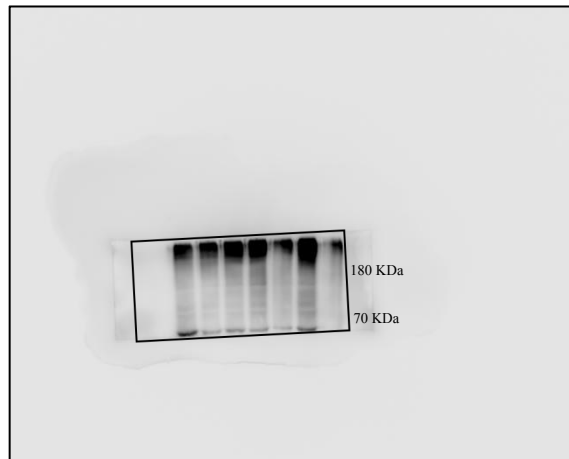


GAPDH

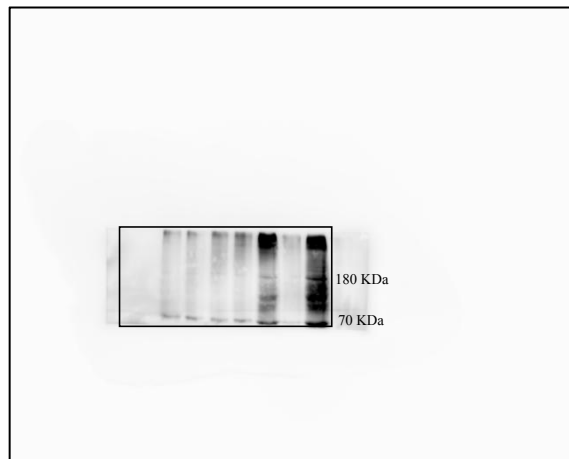


Figure 13E

IP: K63-Ub



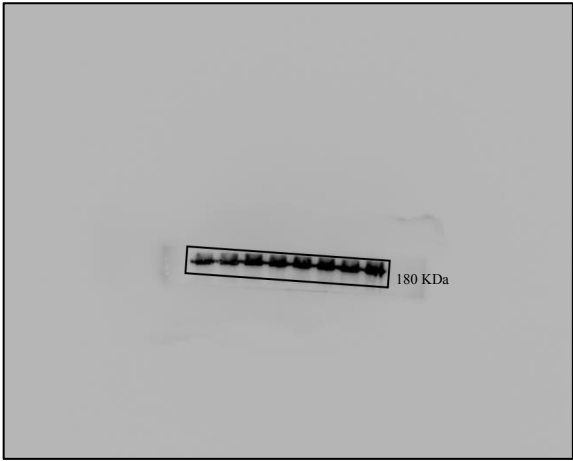
IP: K48-Ub



IP:ATR



Input: ATR



Input: GAPDH

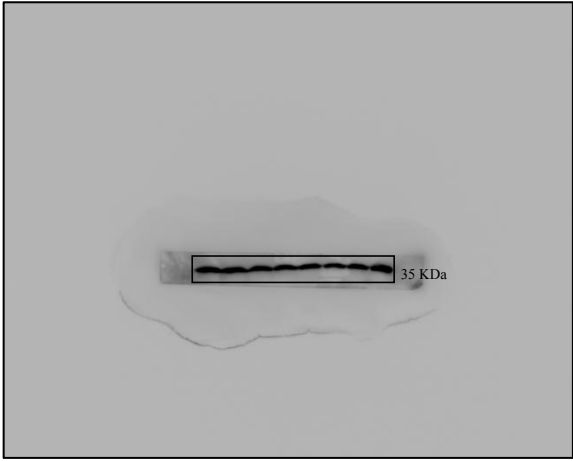
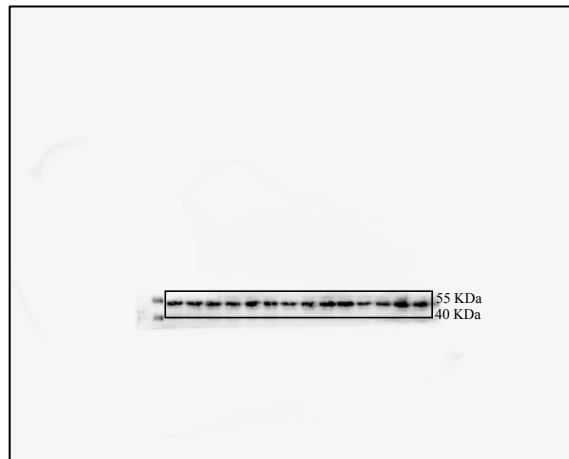
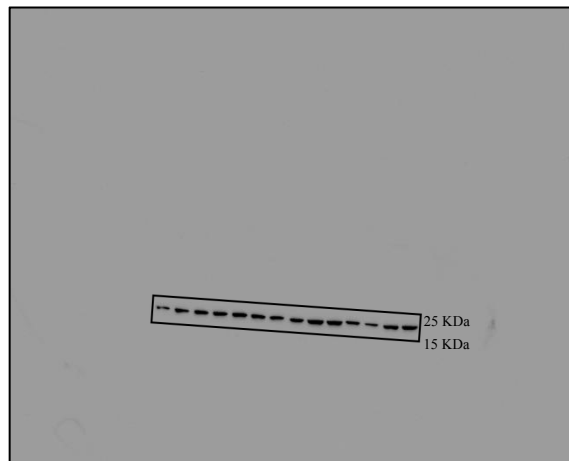


Figure 13F

p-p53



p21



GAPDH

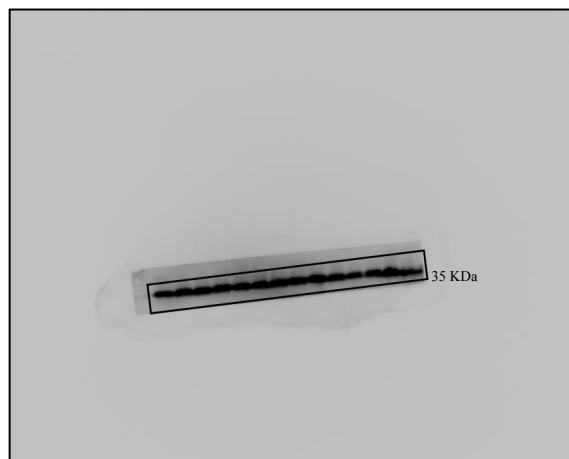
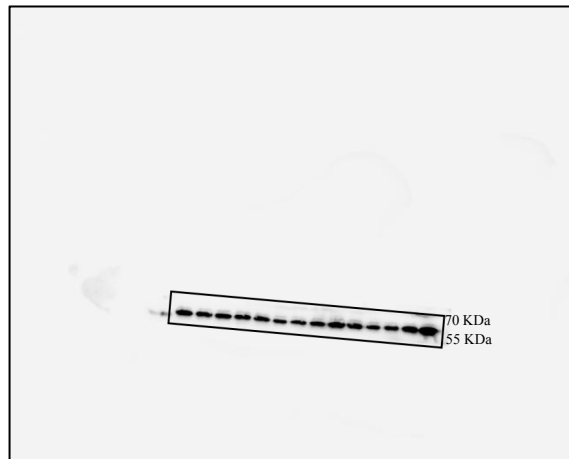
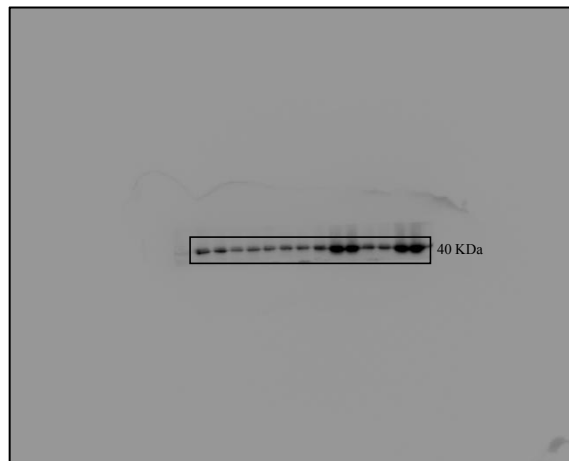


Figure 13G

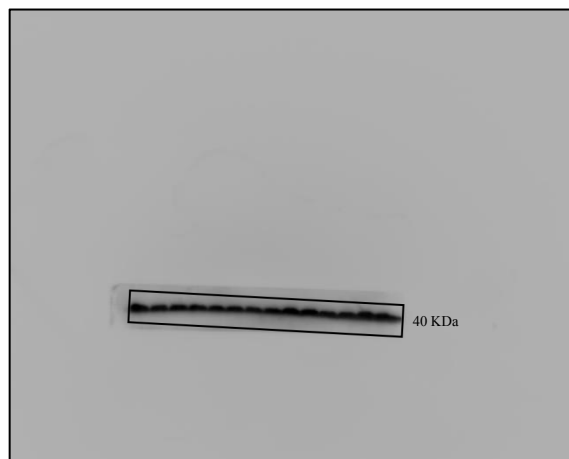
cGAS



p-STING



STING



γ H2A



GAPDH

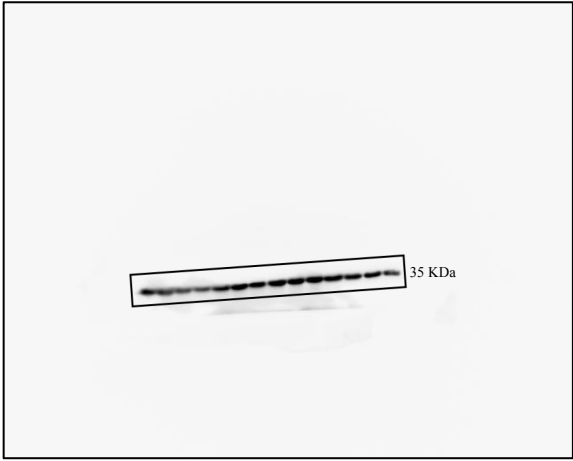
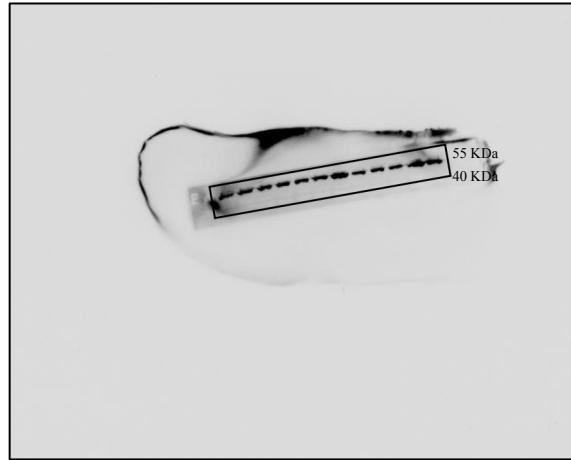
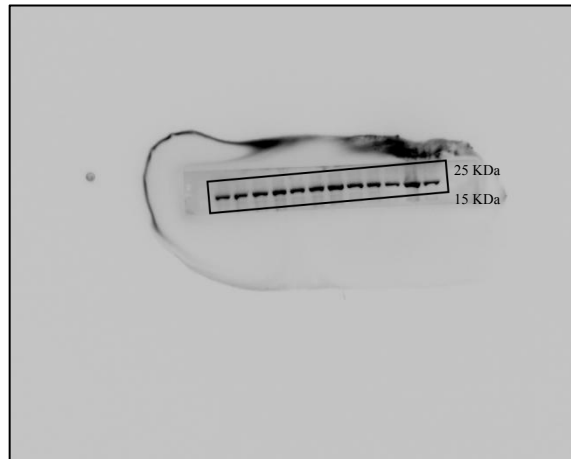


Figure 13I

p-p53



p21



GAPDH

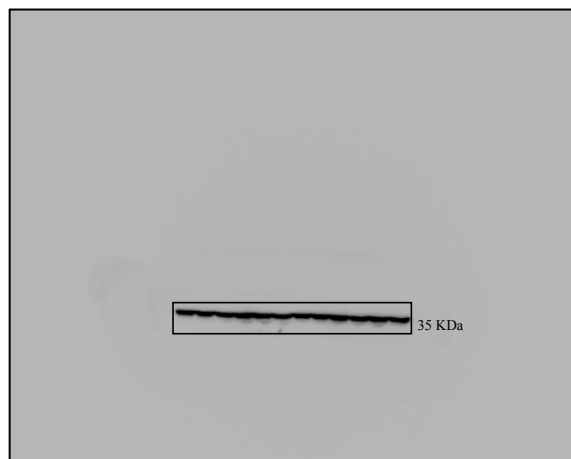
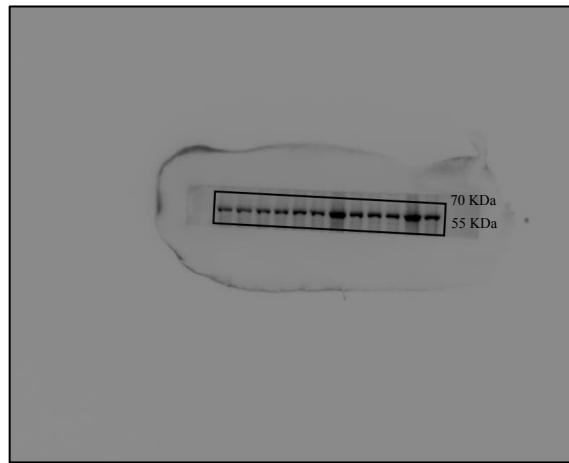
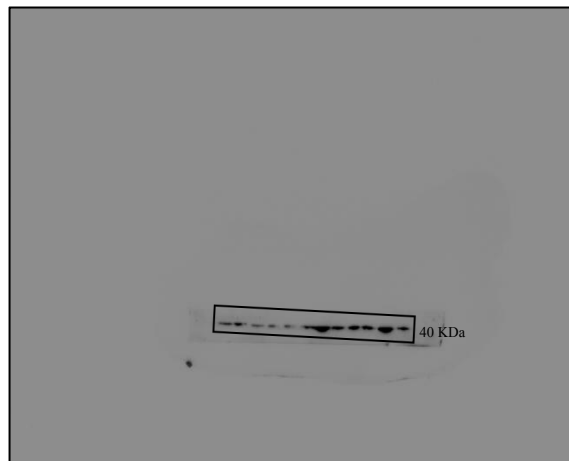


Figure 13J

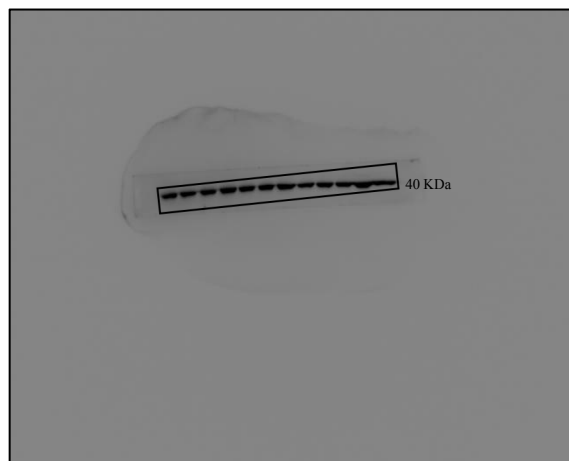
cGAS



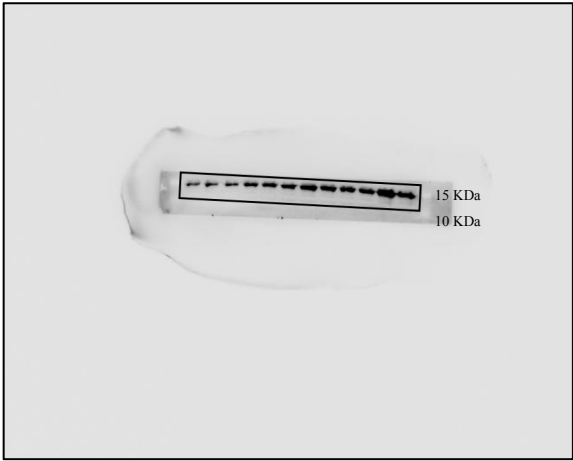
p-STING



STING



γ H2A



GAPDH

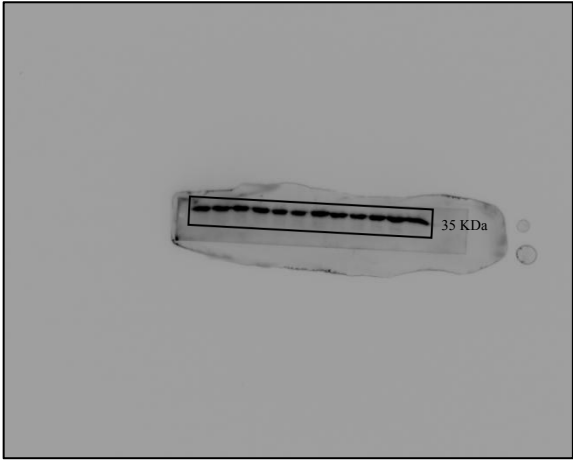
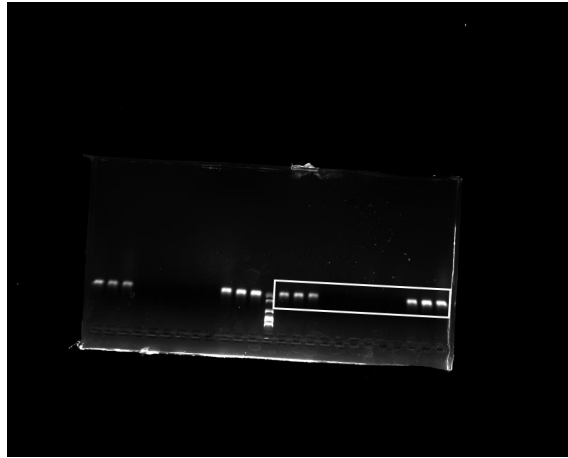
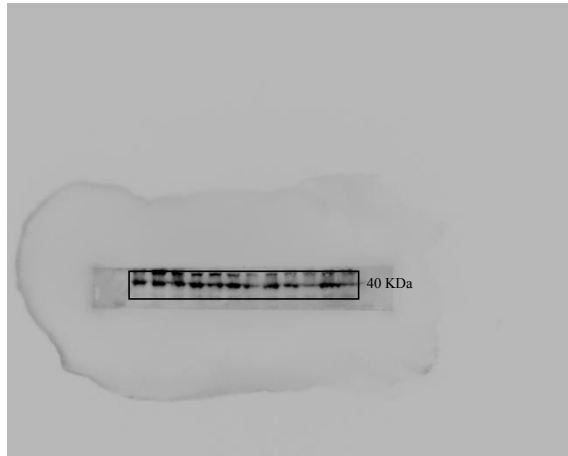


Figure 14C

ATR



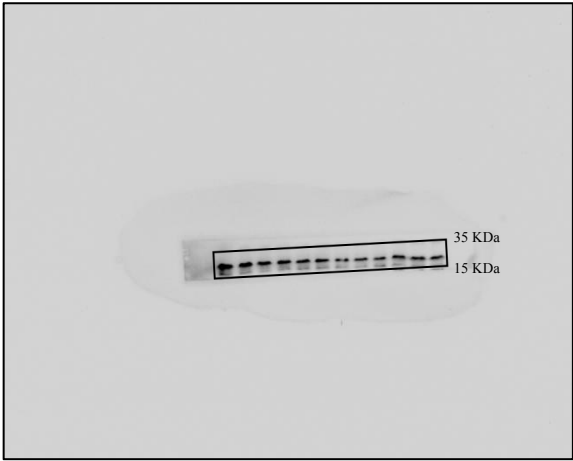
TSG101



CD63



CD9



GAPDH

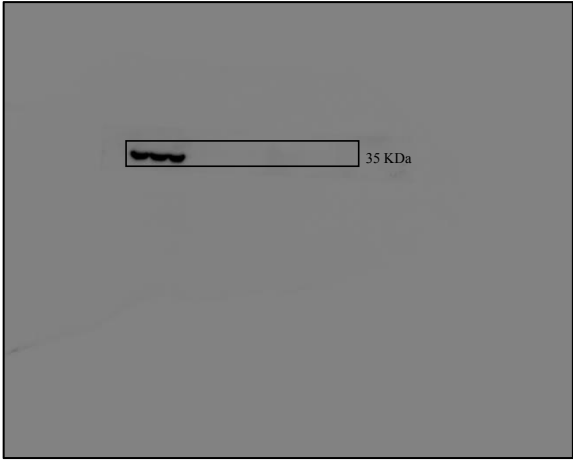
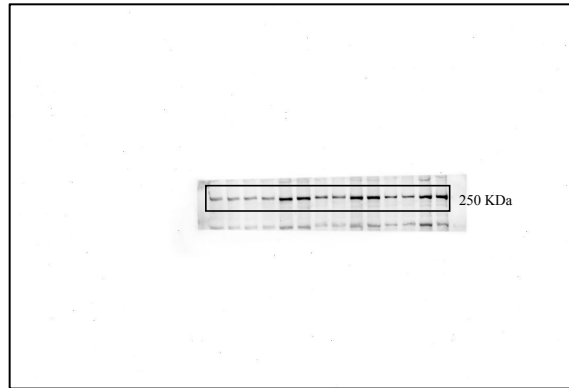


Figure 14D

ATR



GAPDH

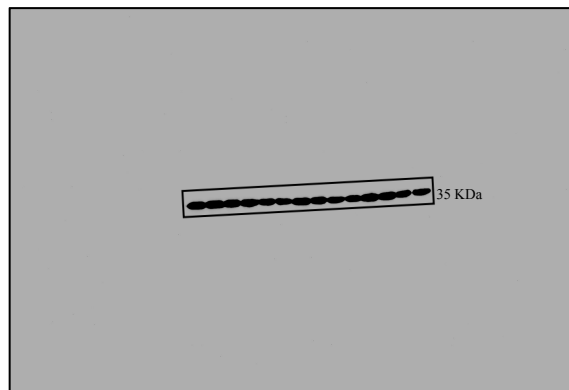
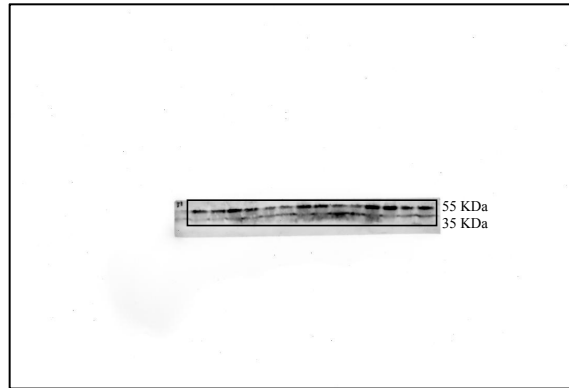
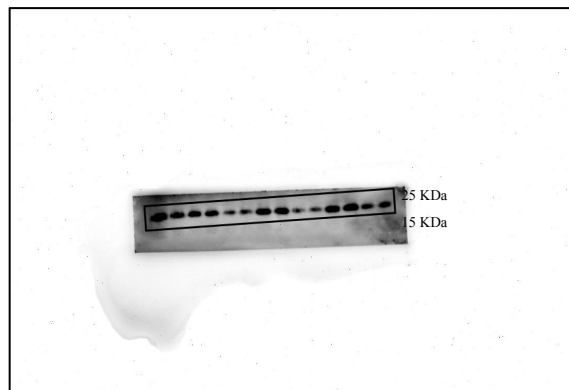


Figure 14E

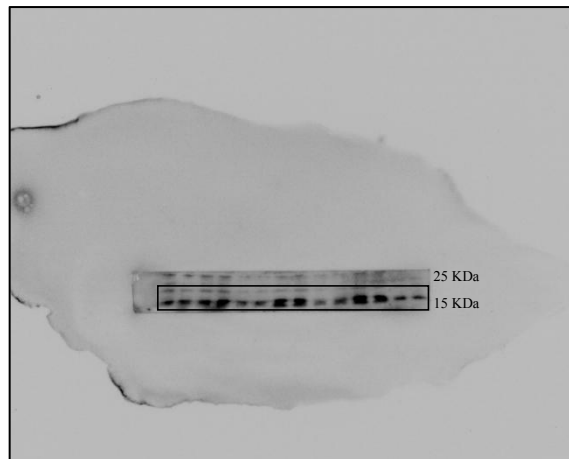
p-p53



p21



p16



GAPDH

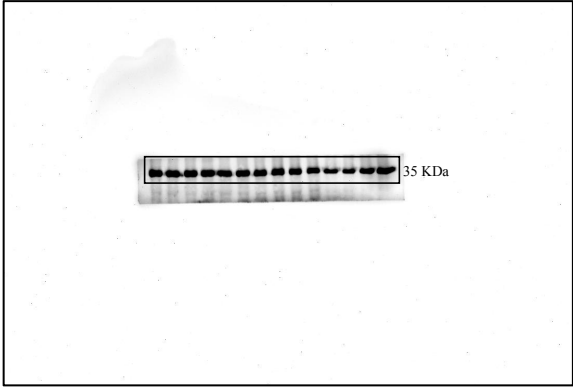
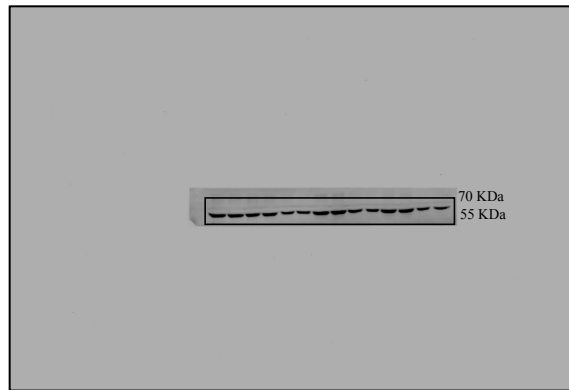
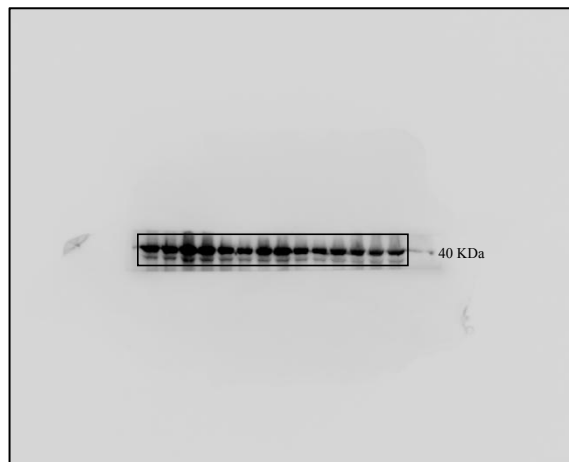


Figure 14F

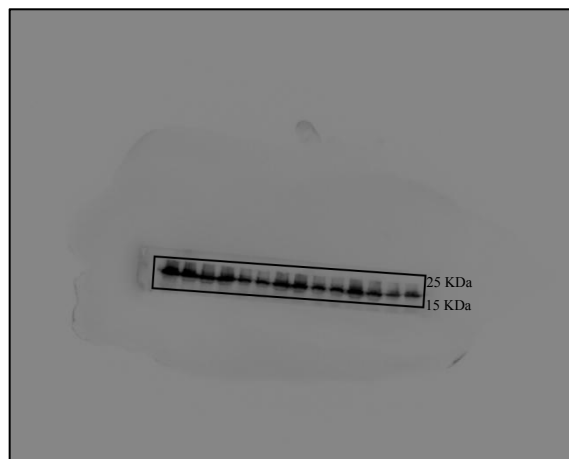
cGAS



STING



γ H2A



GAPDH

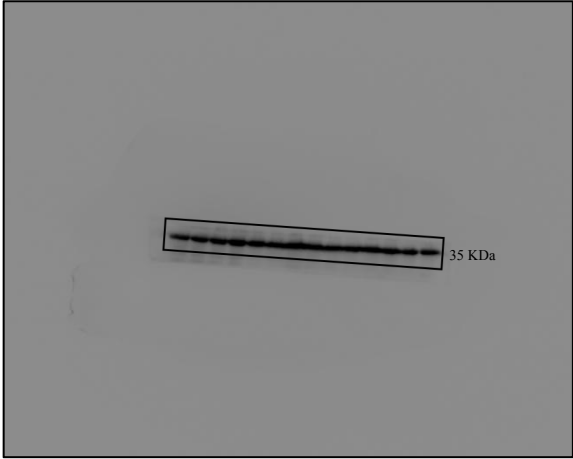


Figure S1H

Tubulin-PCNA

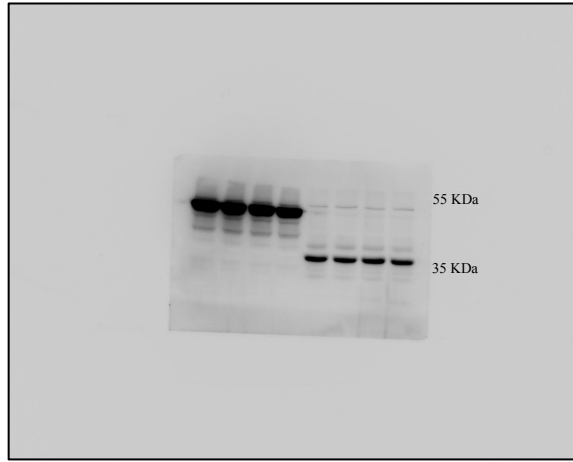
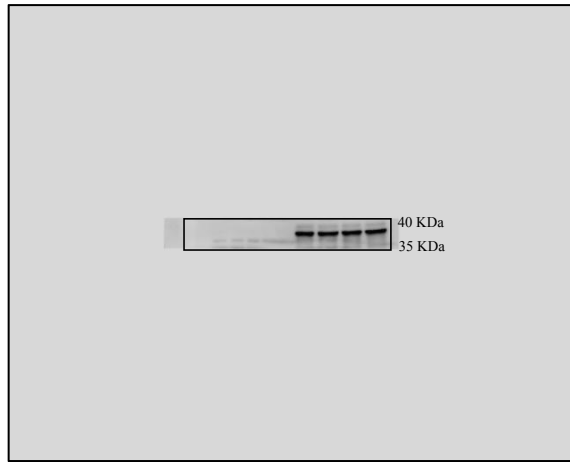
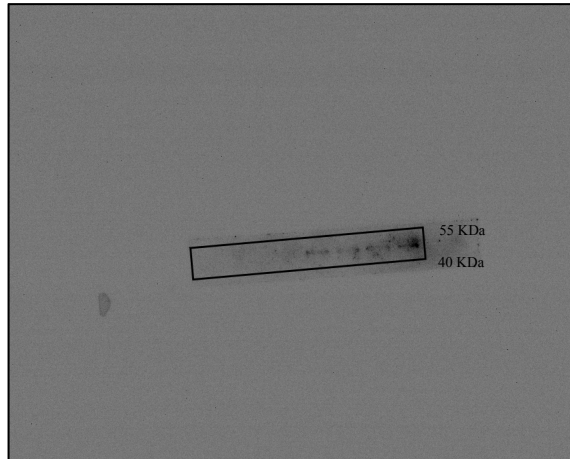


Figure S1K

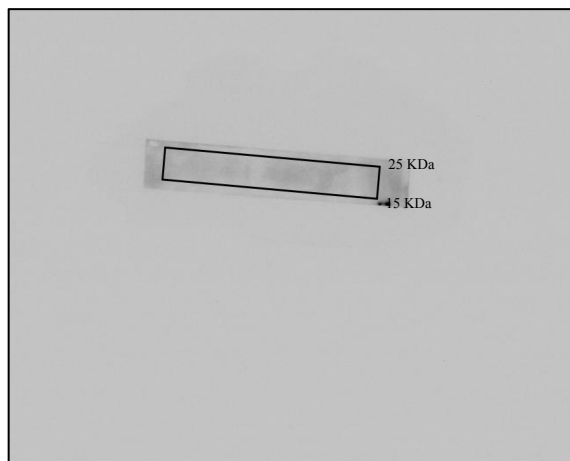
IB: AIM2



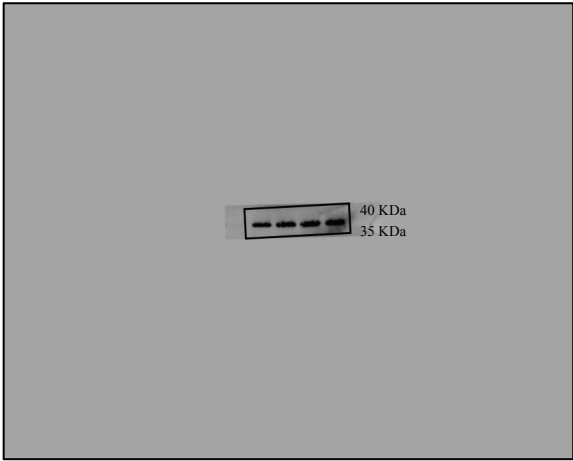
IB: pro caspase-1



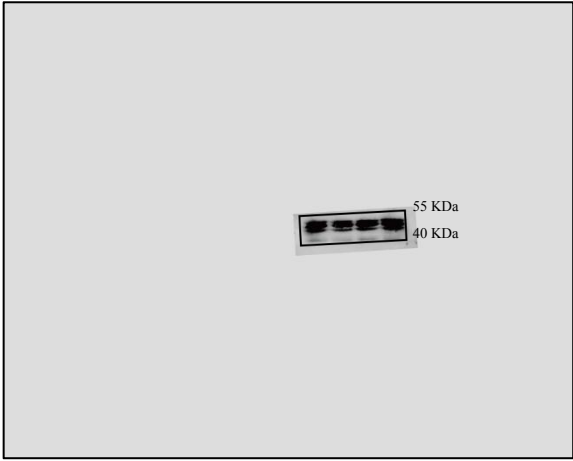
IB: ASC



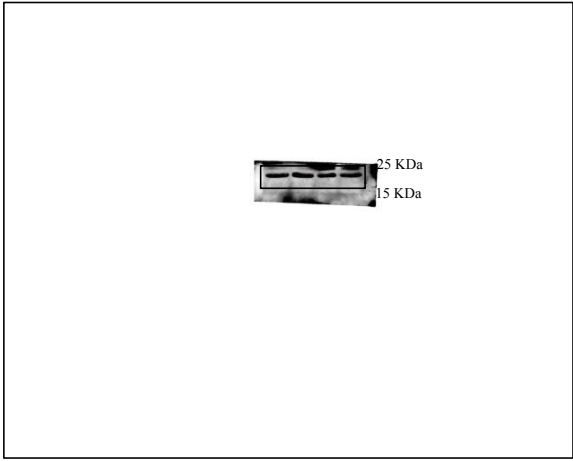
Input: AIM2



Input: pro-caspase-1



Input: ASC

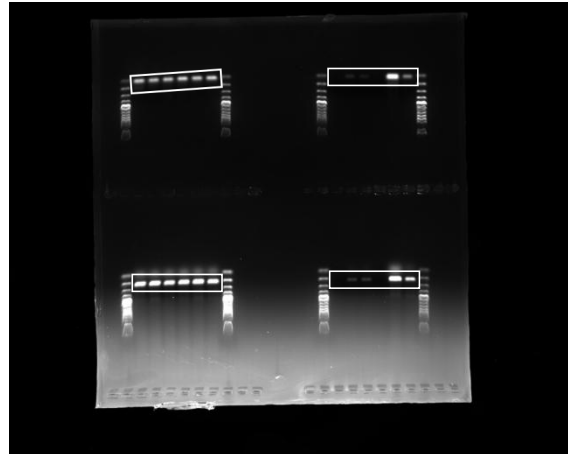


Input: GAPDH

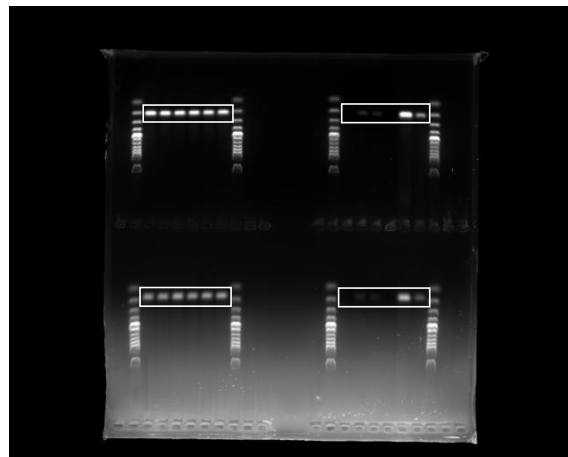


Figure S1L

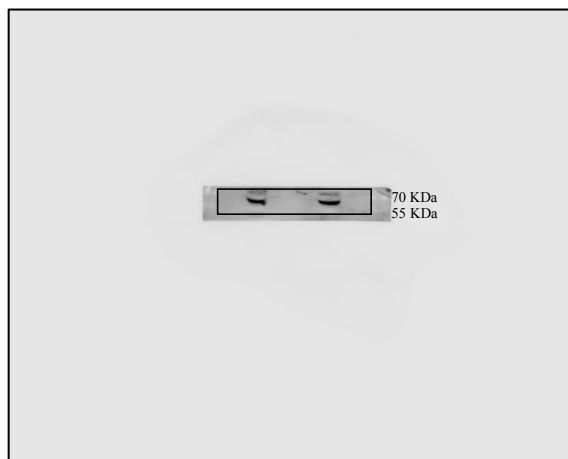
gDNA: POLG1; LAD12



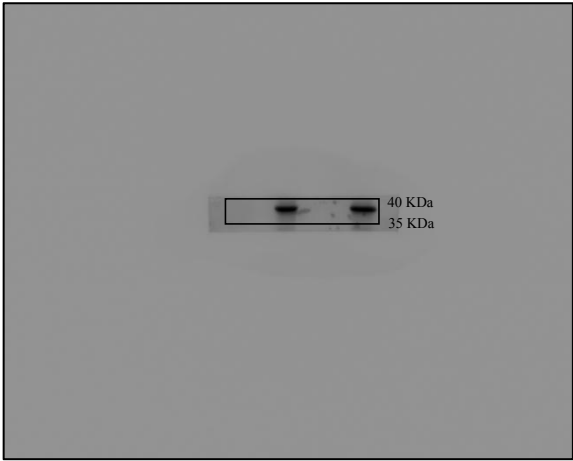
gDNA: L1ORF1; 18S RNA



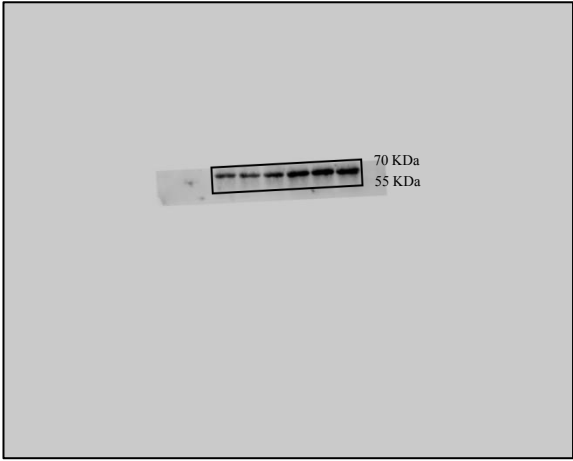
IB: cGAS



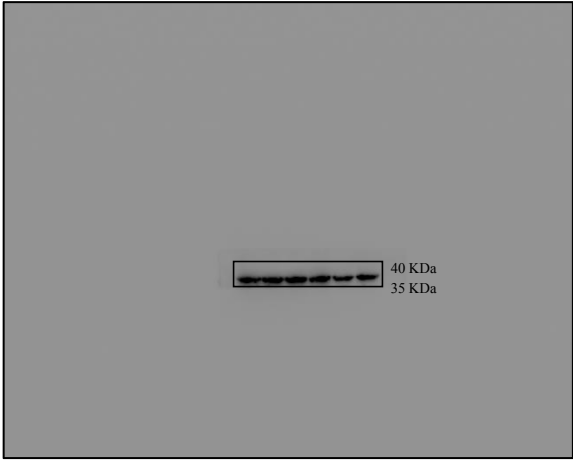
IB: AIM2



Input: cGAS



Input: AIM2



Input: β -actin

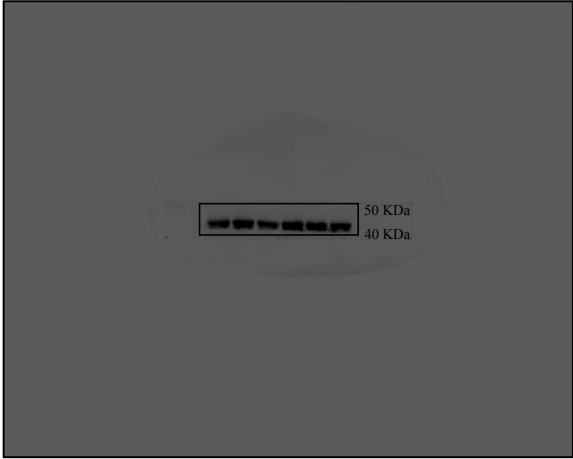
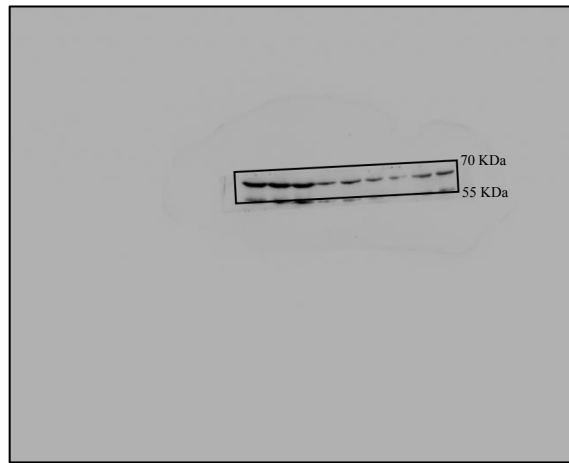
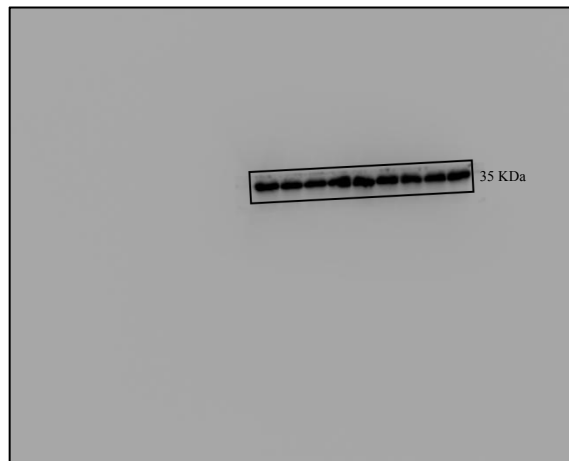


Figure S1M

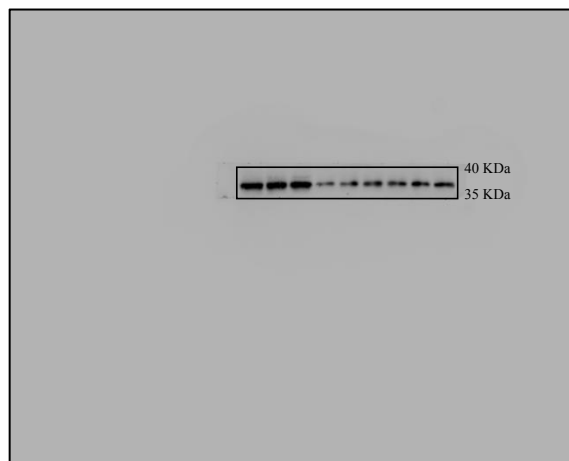
cGAS



GAPDH



AIM2



GAPDH

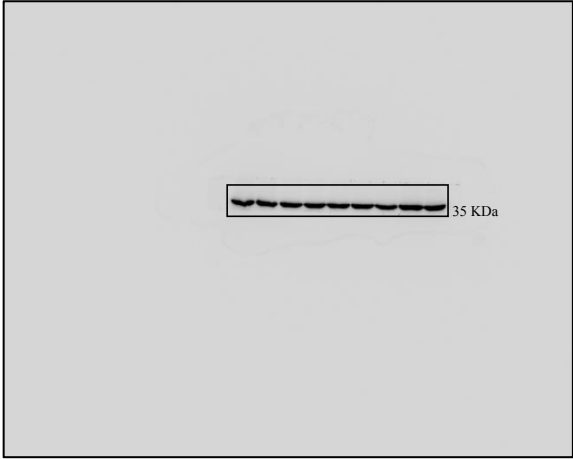
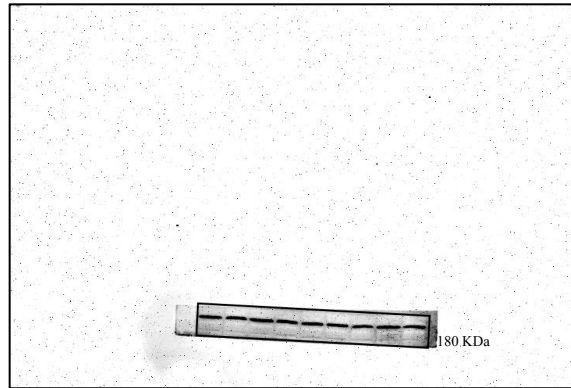
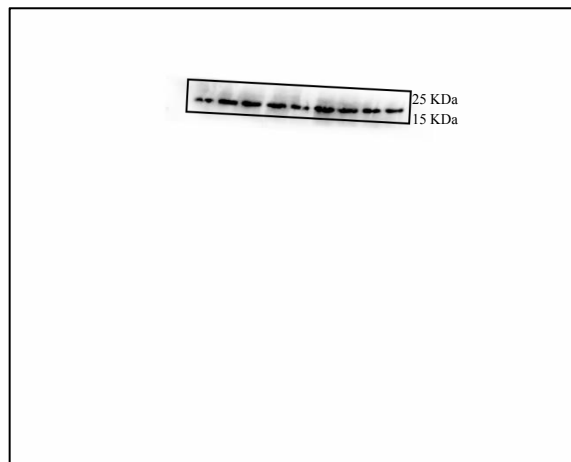


Figure S1N

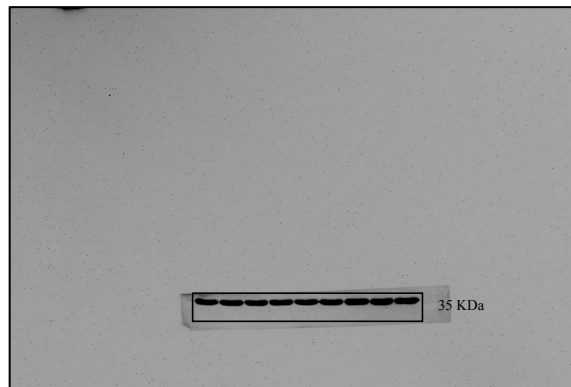
53BP



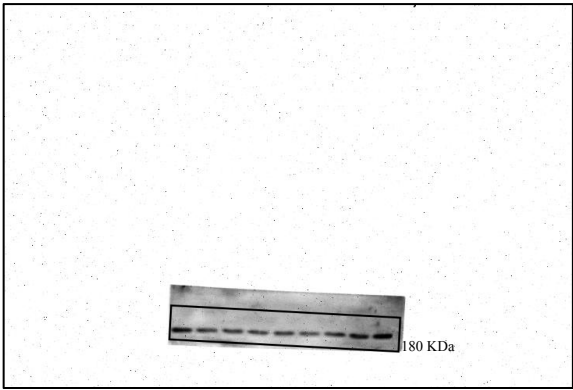
γ H2A



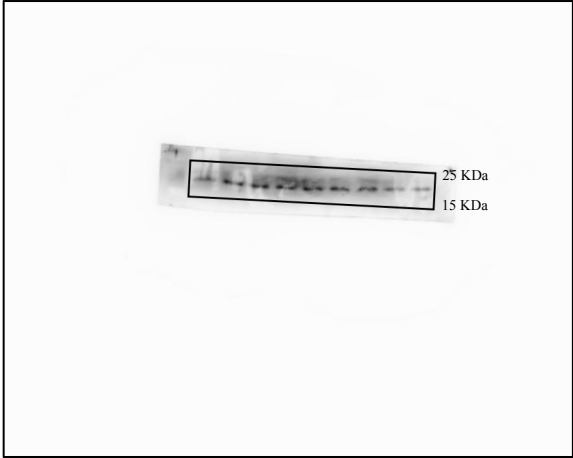
GAPDH



53BP



γ H2A



GAPDH

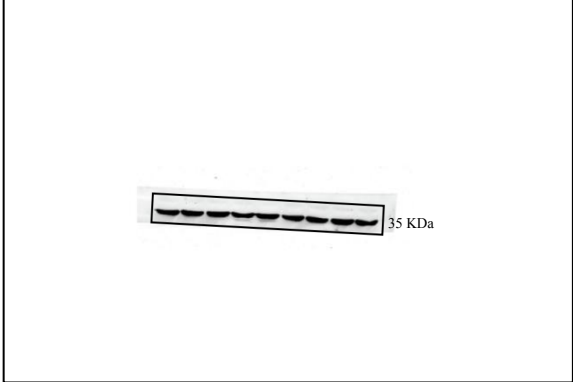
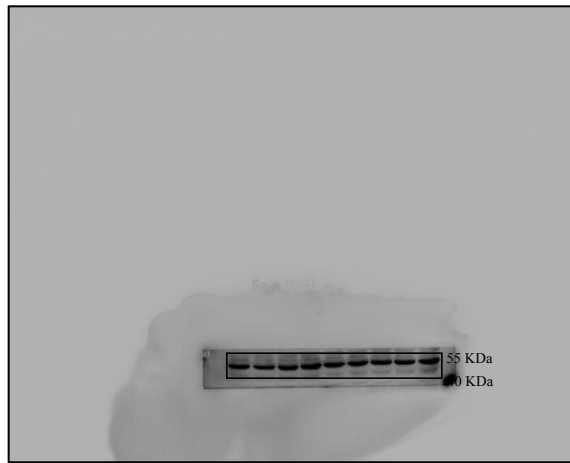
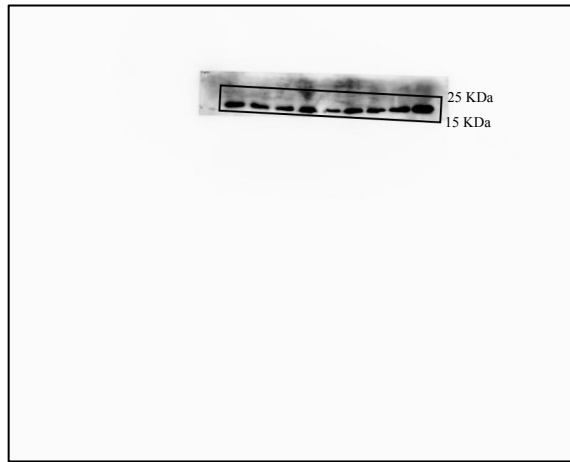


Figure S1O

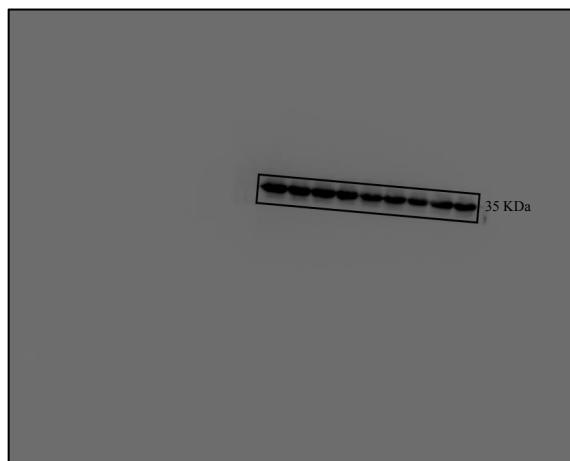
p-p53



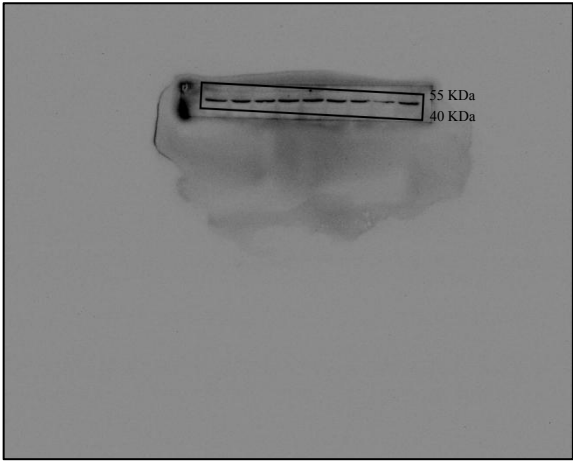
p21



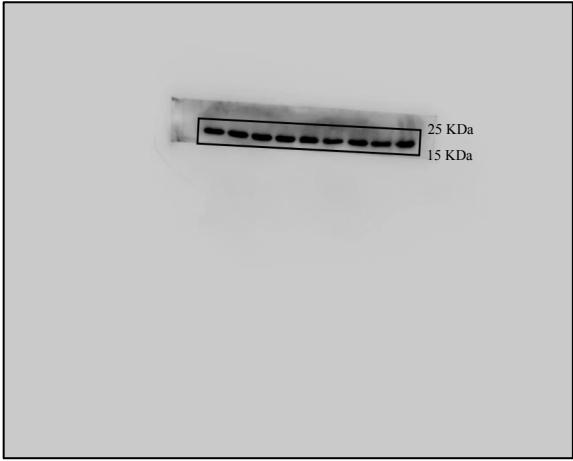
GAPDH



p-p53



p21



GAPDH

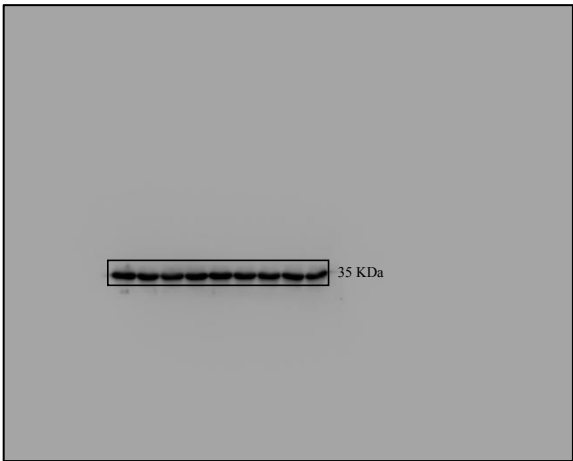
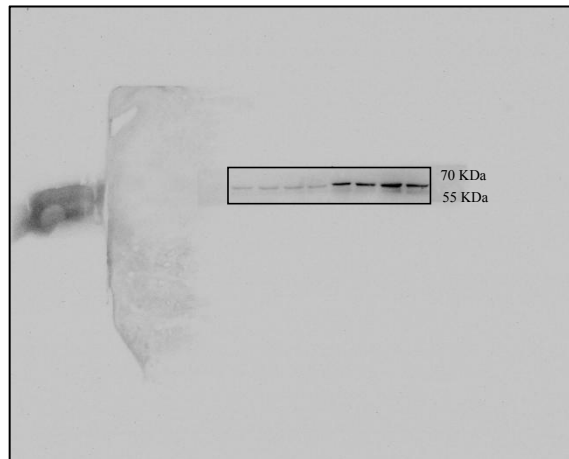
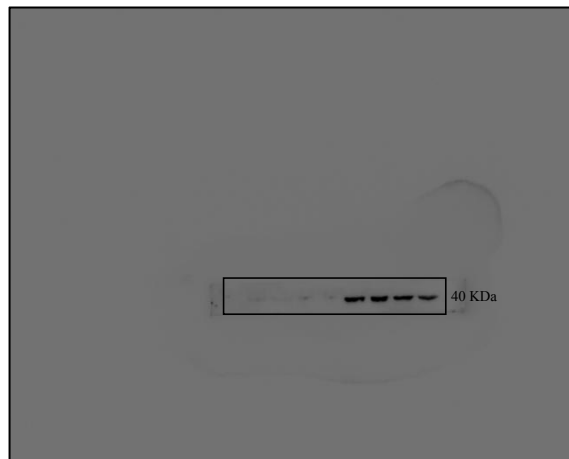


Figure S1P

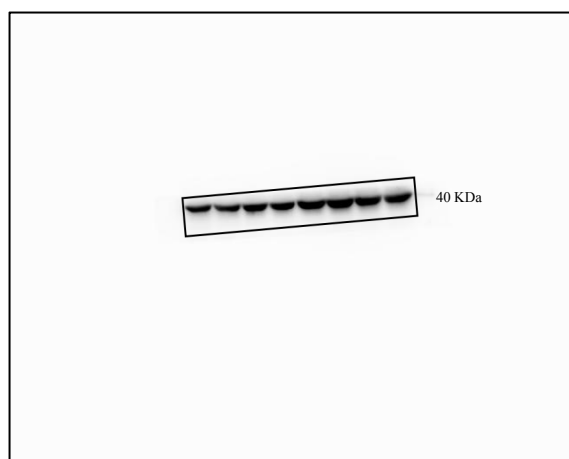
cGAS



p-STING



STING

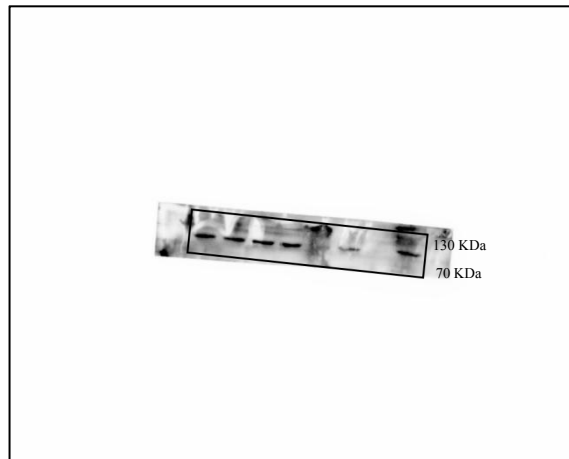


GAPDH

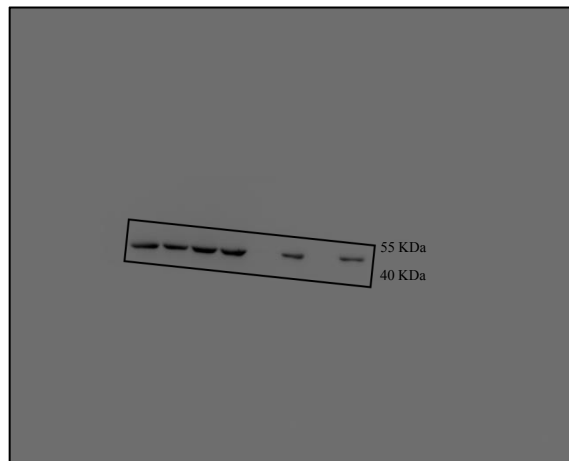


Figure S3B

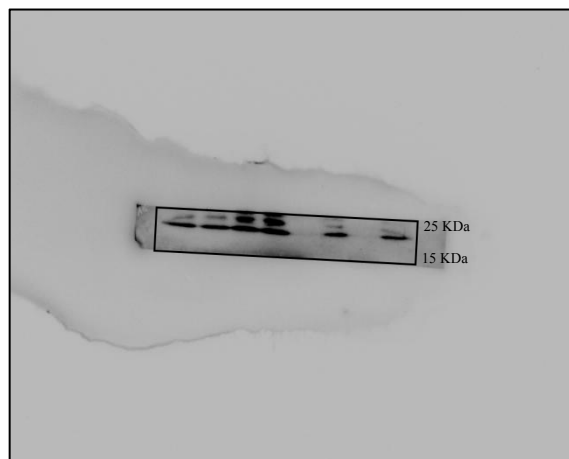
NLRP3



Caspase-1



ASC



GAPDH

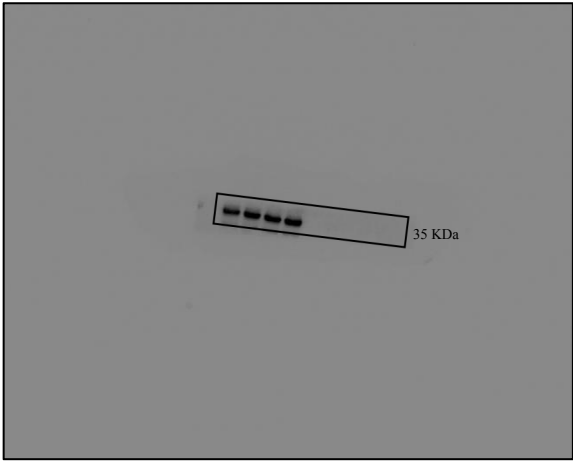
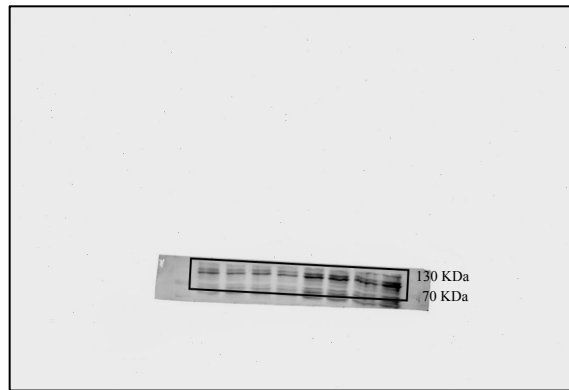
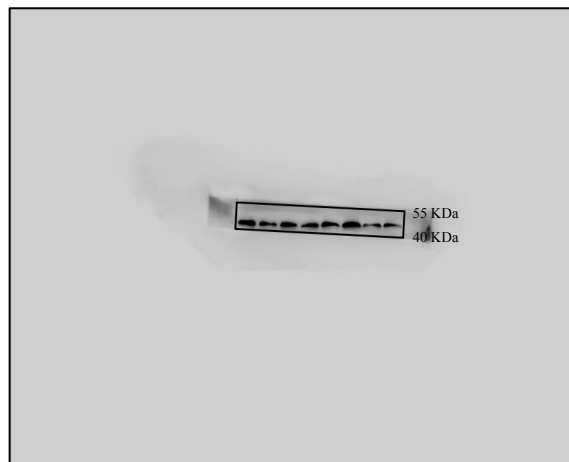


Figure S3D

NLRP3



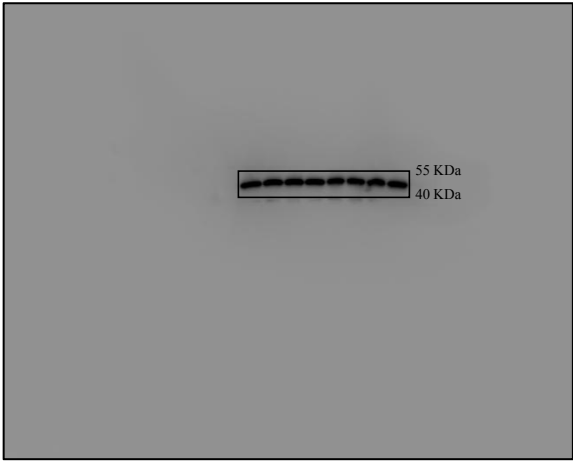
caspace-1



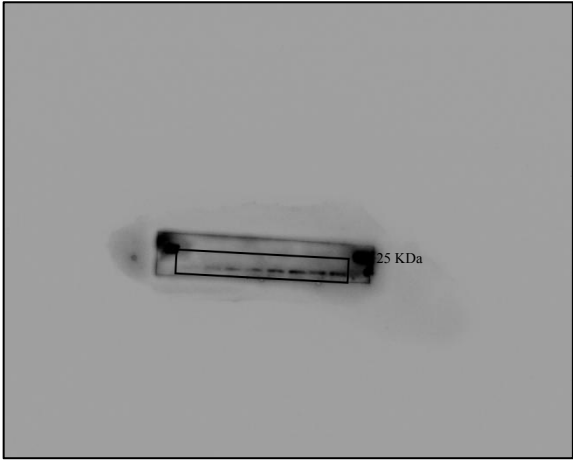
ASC



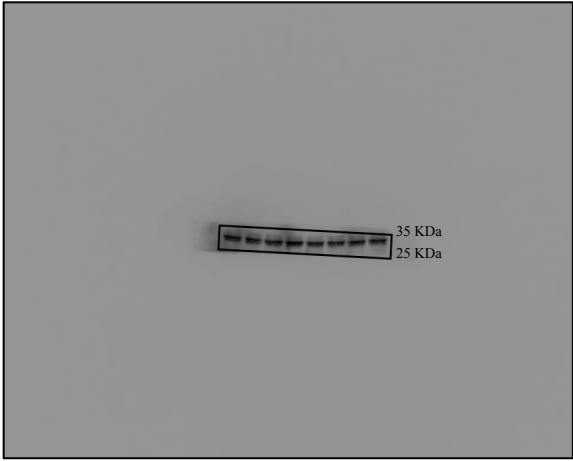
GSDMD



Cleaved caspase-1



Cleaved GSDMD



GAPDH

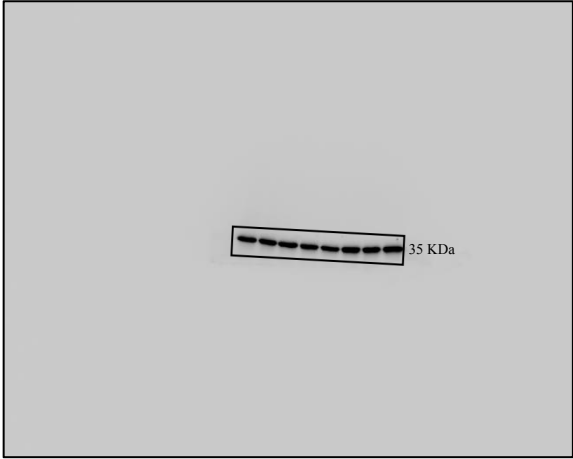
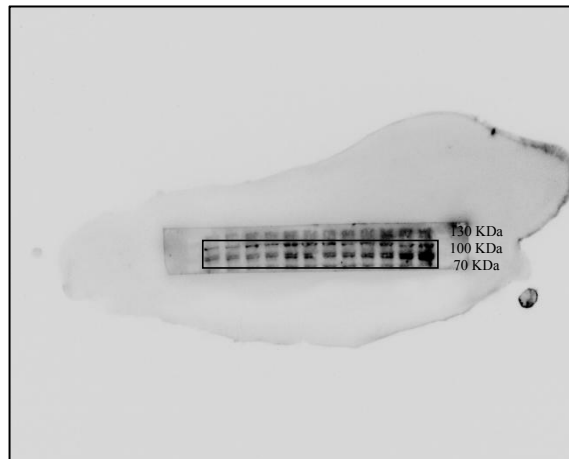
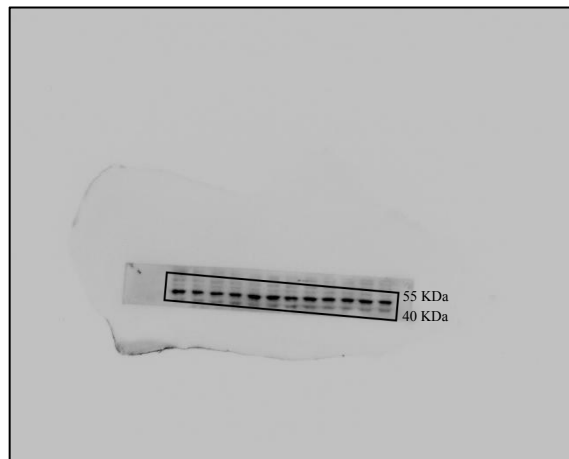


Figure S3F

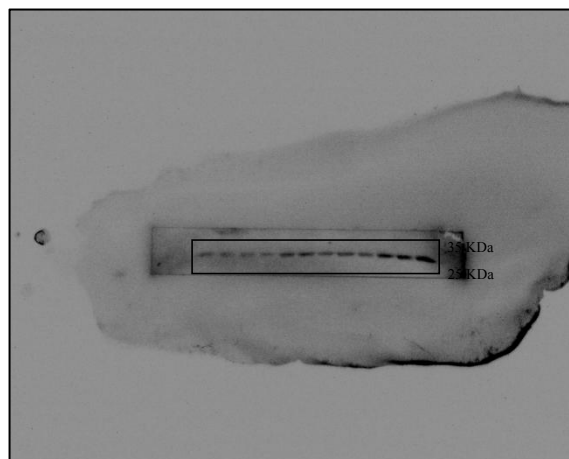
NLRP3



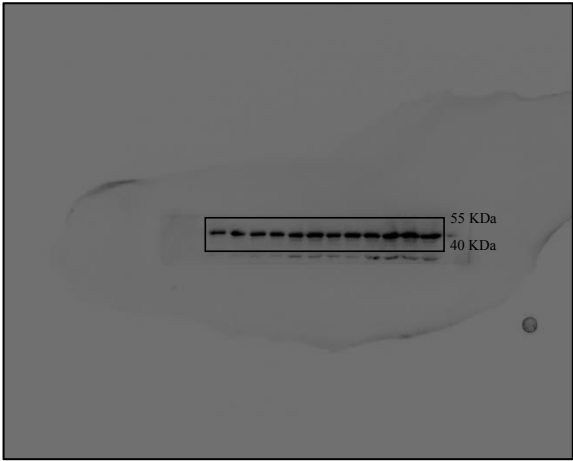
GSDMD



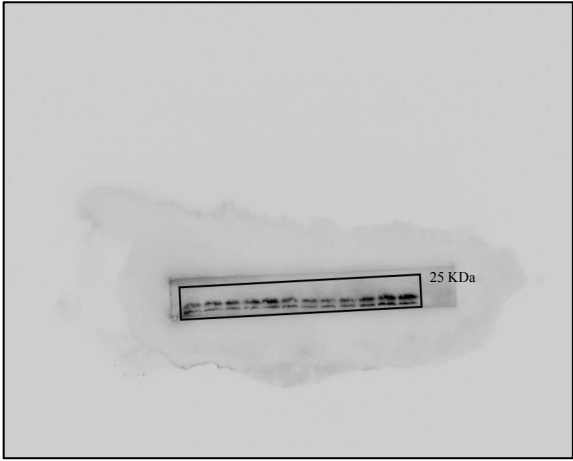
Cleaved GSDMD



Caspase-1



Cleaved caspase-1



GAPDH

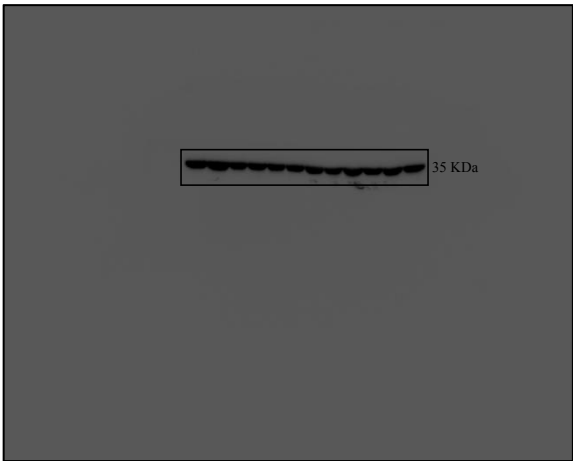
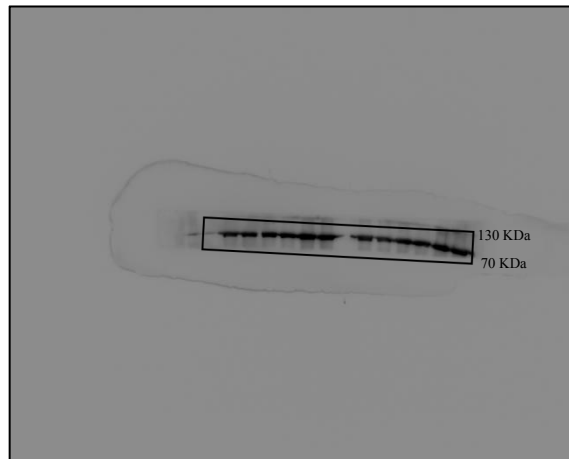
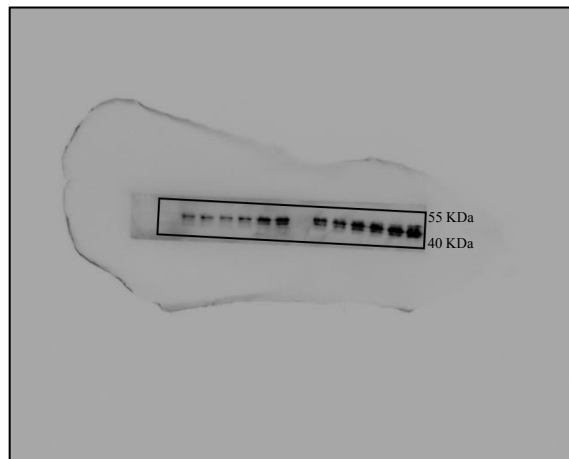


Figure S3G

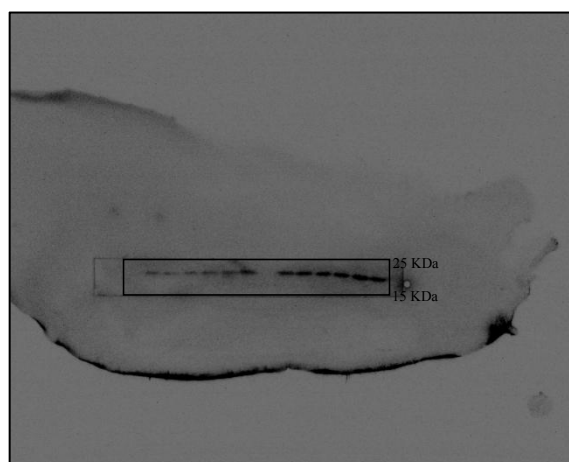
IP:NLRP3-IP



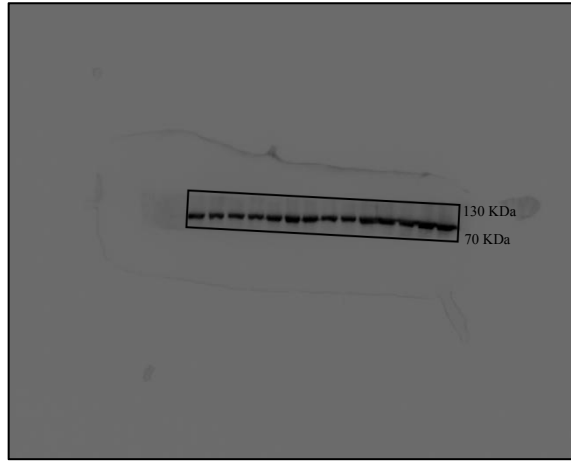
IP: caspase-1-IP



IP: ASC



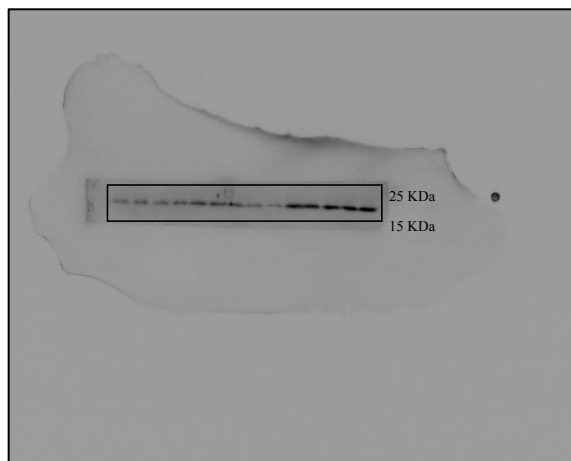
Input: NLRP3



Input: Caspase-1



Input: ASC



Input: GAPDH

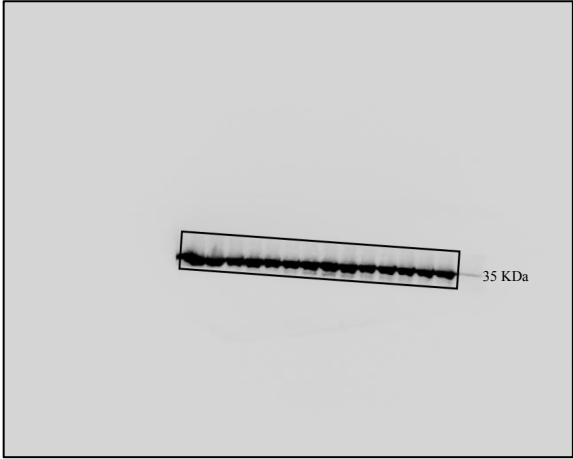
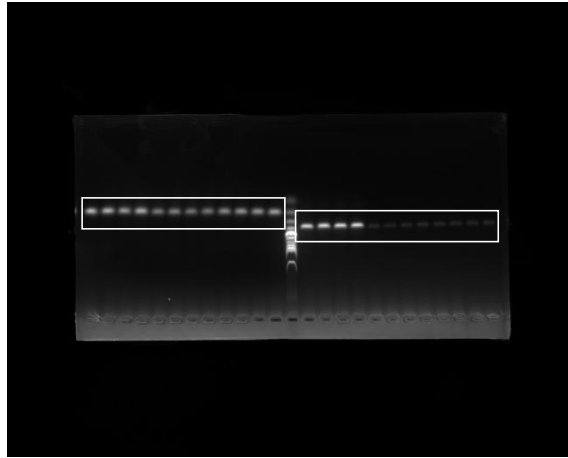
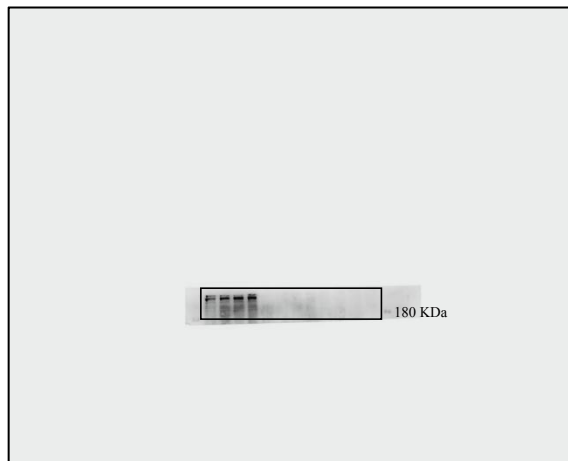


Figure S4A

cDNA: ATR



ATR



GAPDH

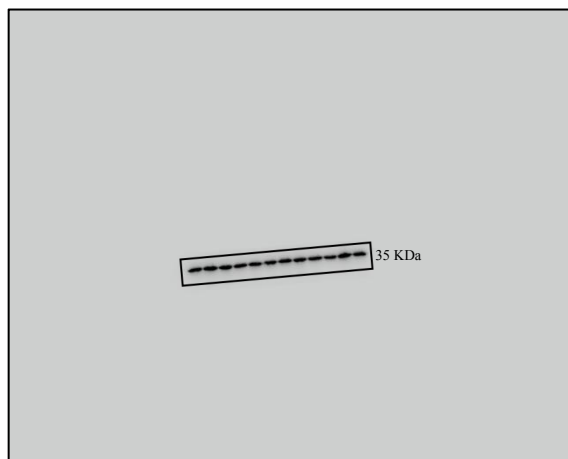
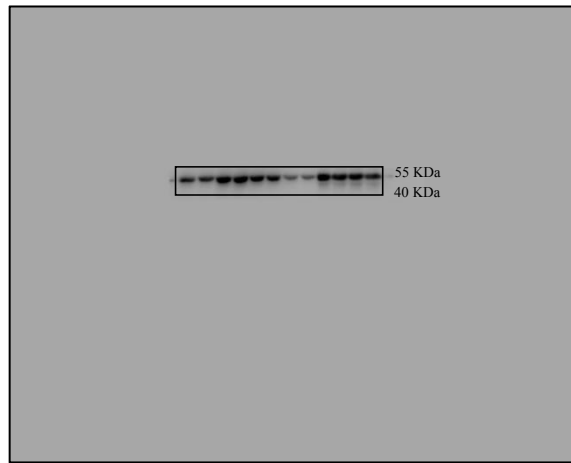
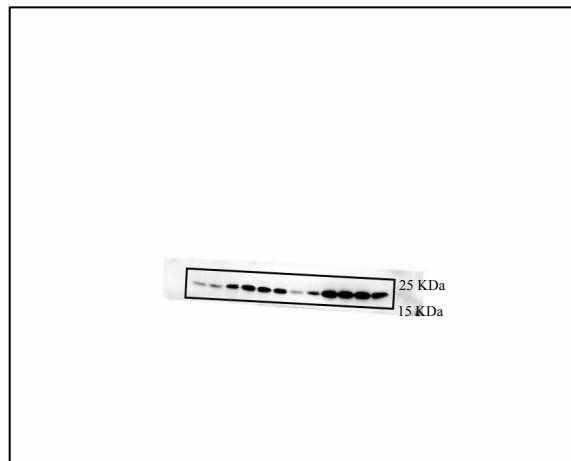


Figure S4D

p-p53



p21



GAPDH

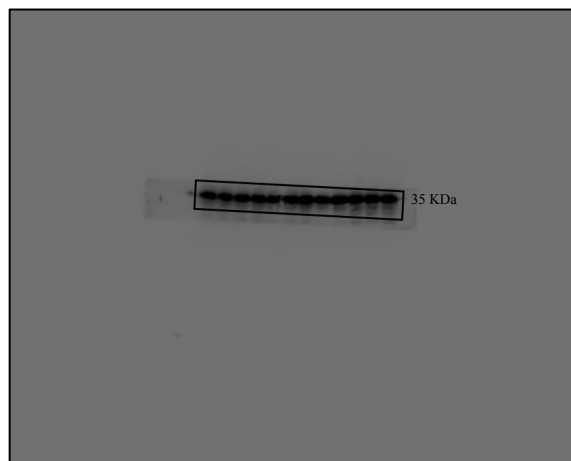
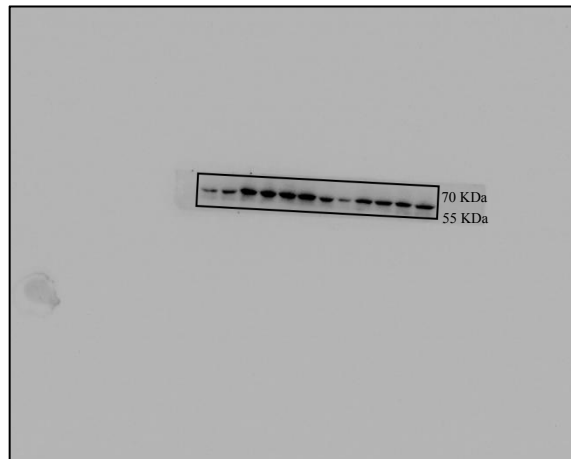


Figure S4E

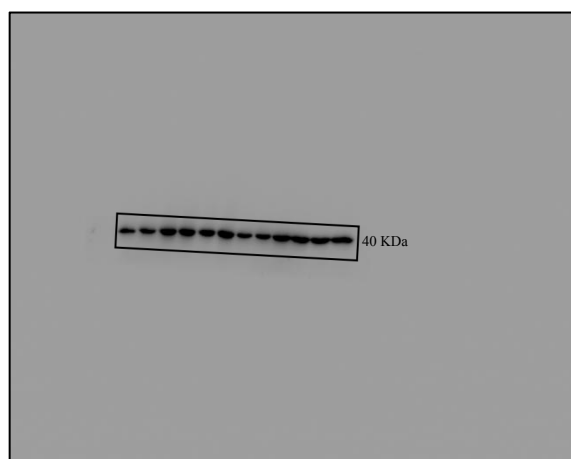
cGAS



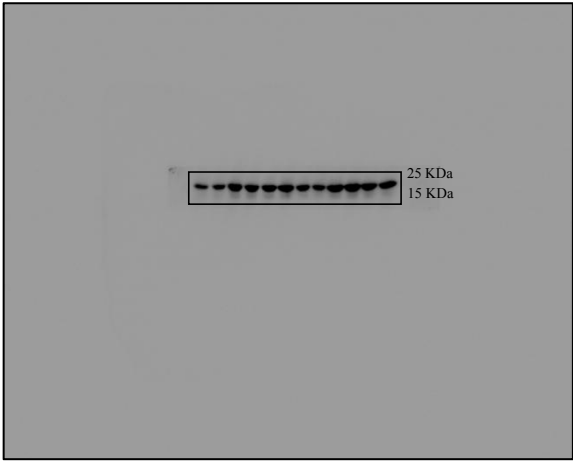
p-STING



STING



γ H2A



GAPDH

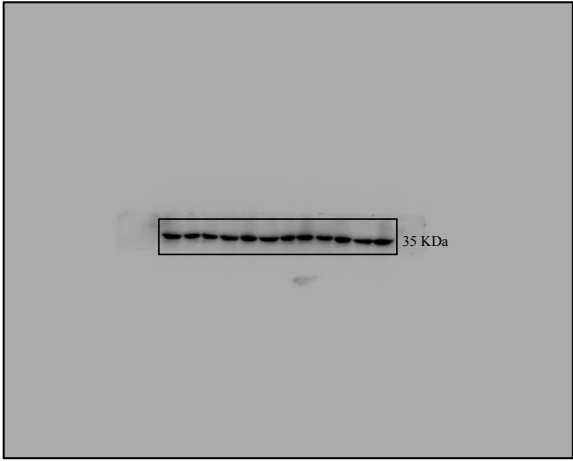
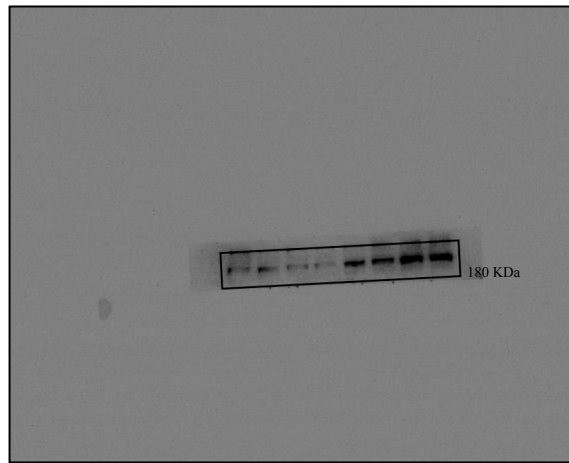


Figure S4F

ATR



GAPDH

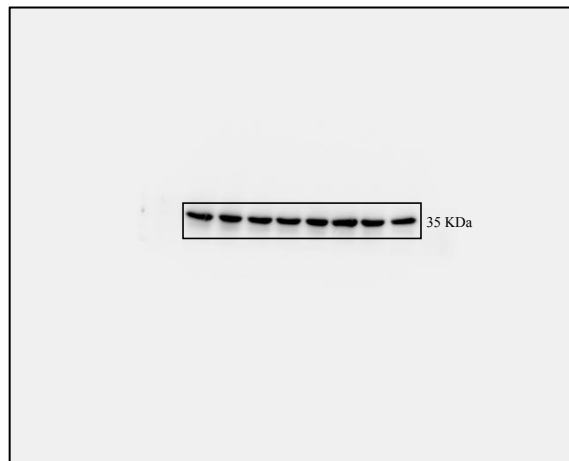
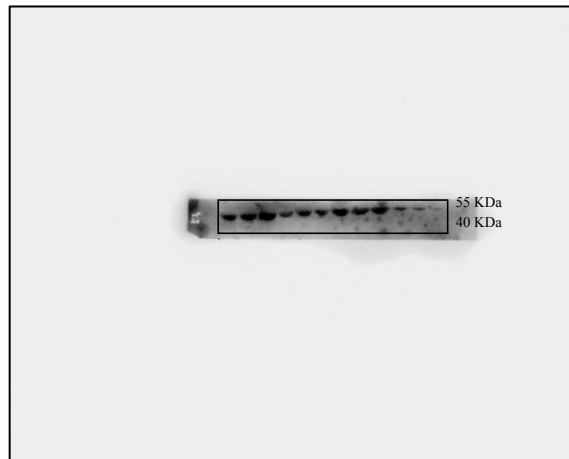
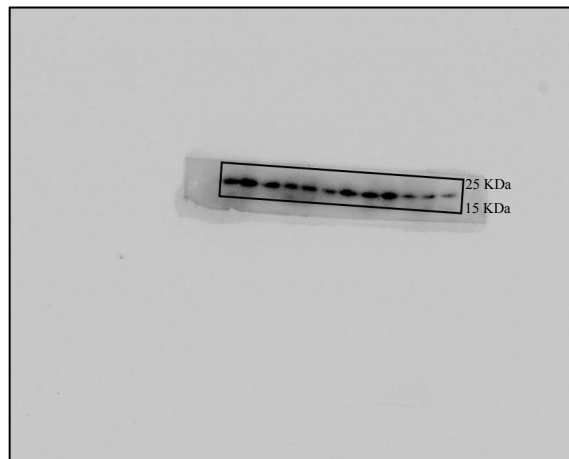


Figure S4G

p-p53



p21



GAPDH

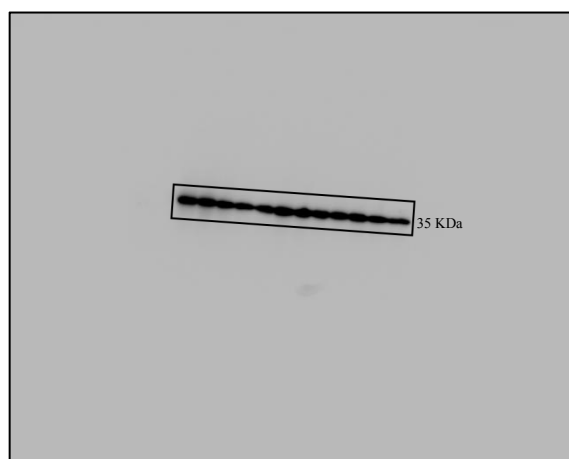
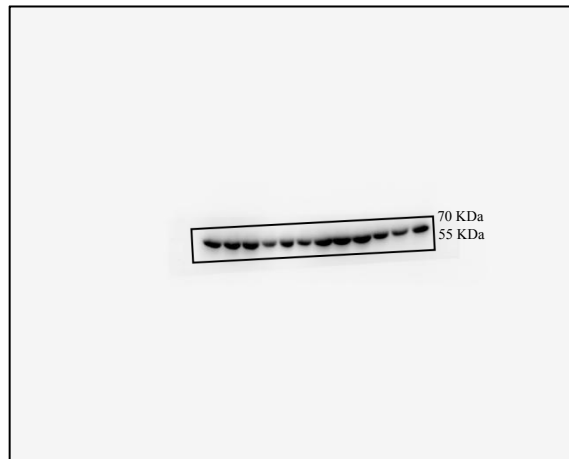
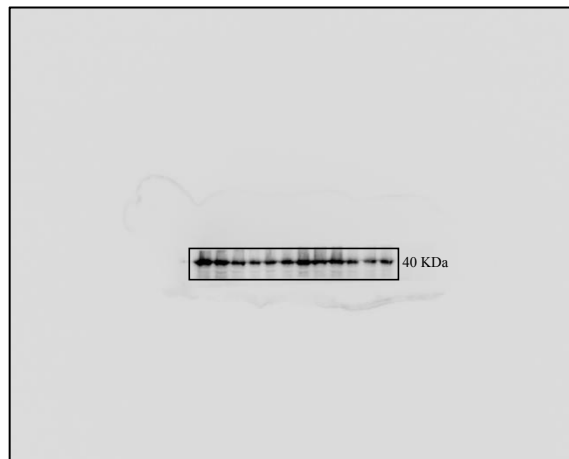


Figure S4K

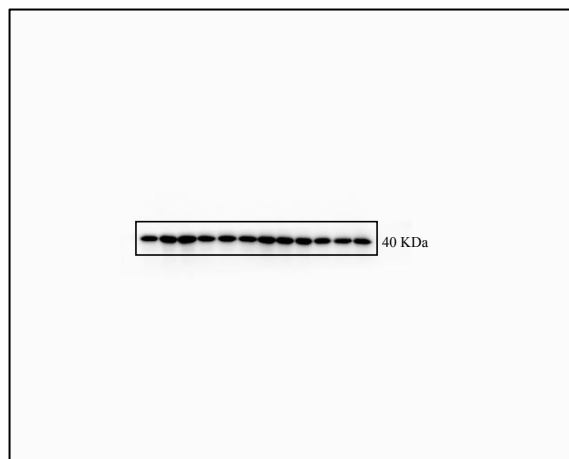
cGAS



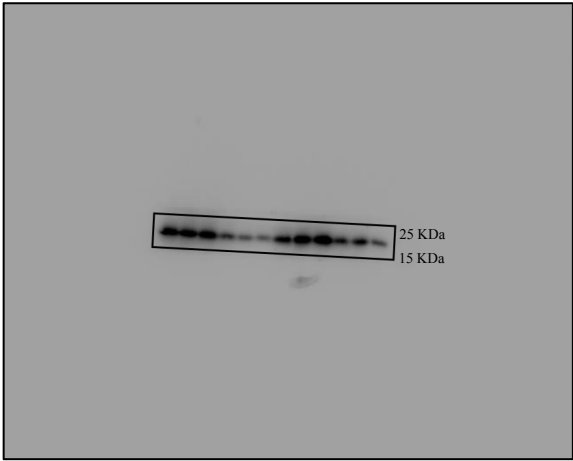
p-STING



STING



γ H2A



GAPDH

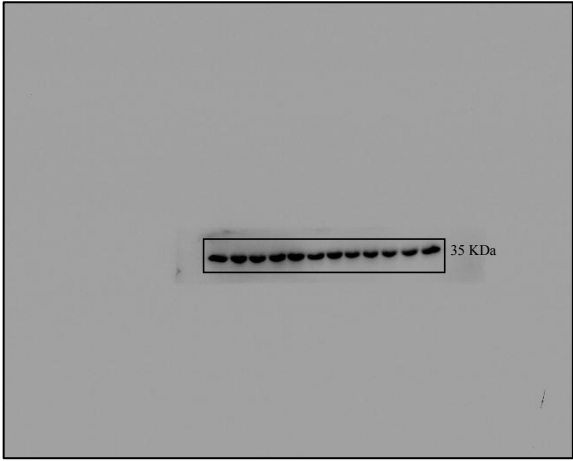
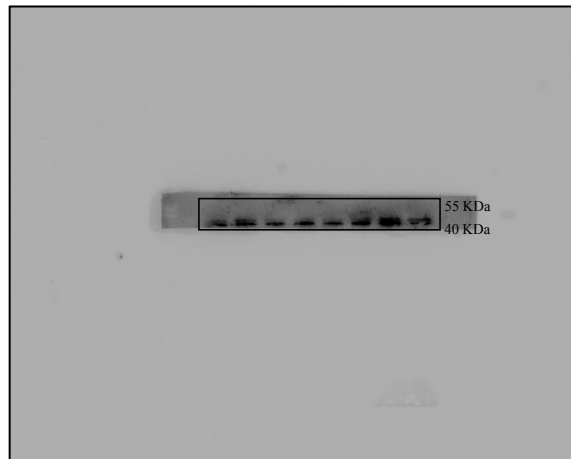
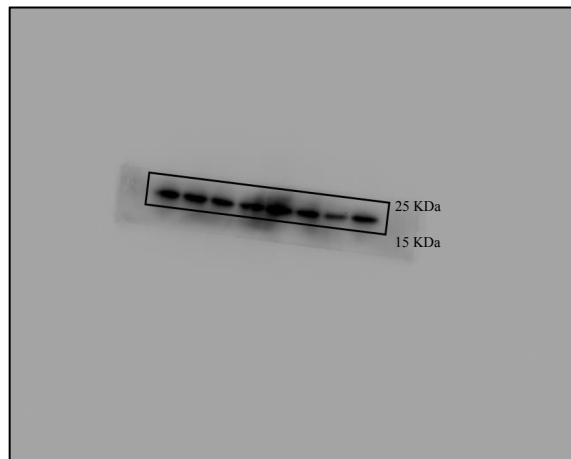


Figure S4N

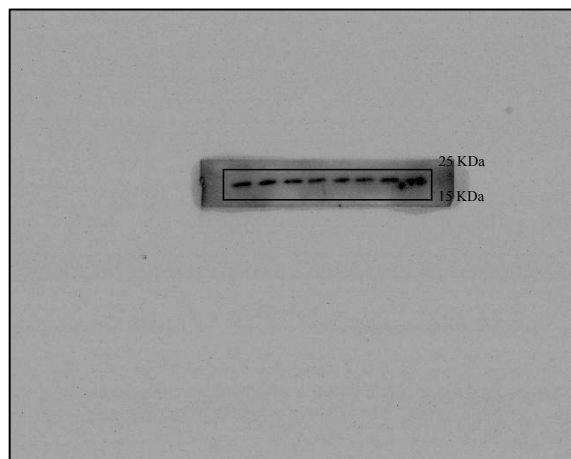
p-p53



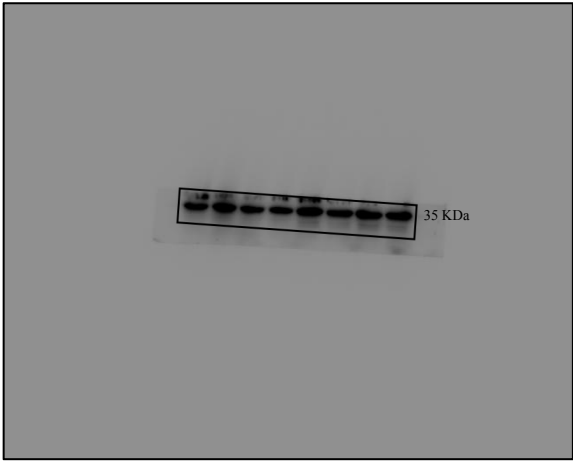
p21



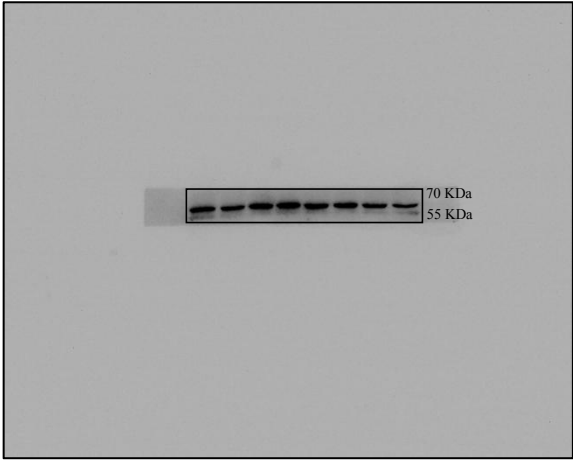
p16



GAPDH



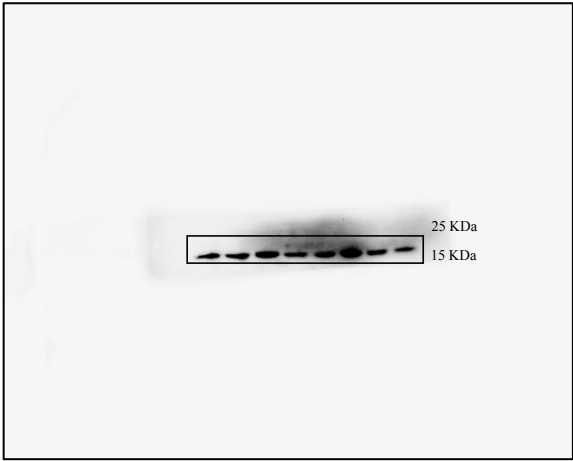
cGAS



STING



γ H2A

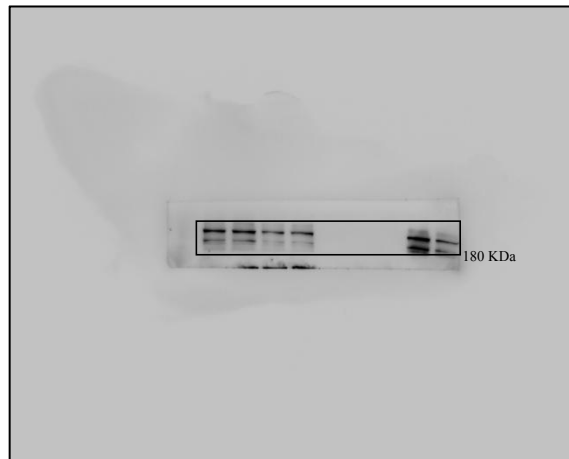


GAPDH

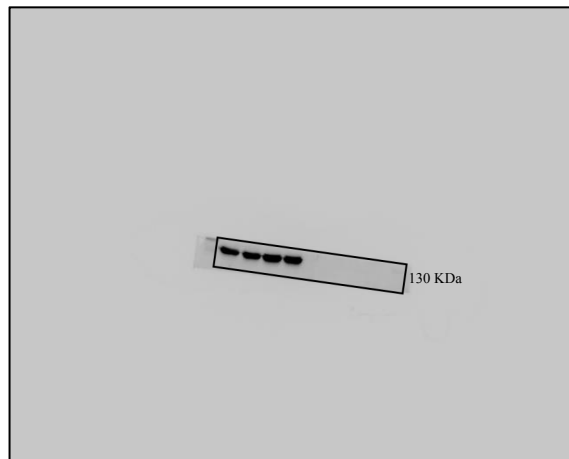


Figure S5A

ATR



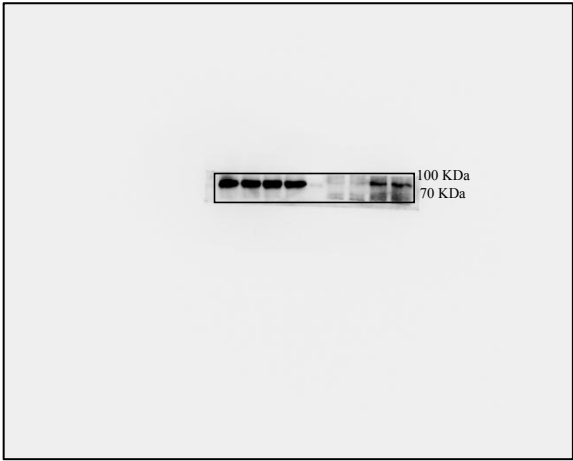
USP10



USP5



TRIM25



MKRN1



GAPDH

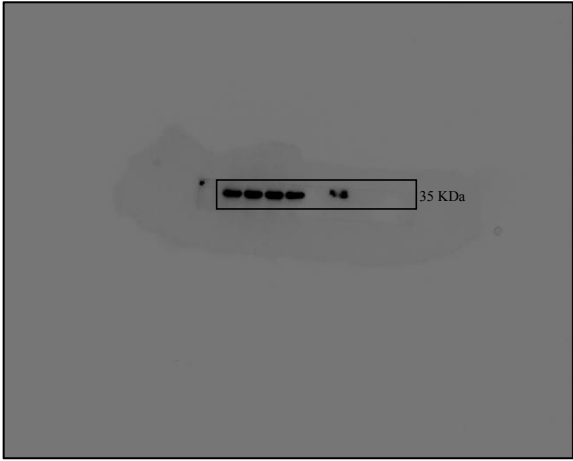
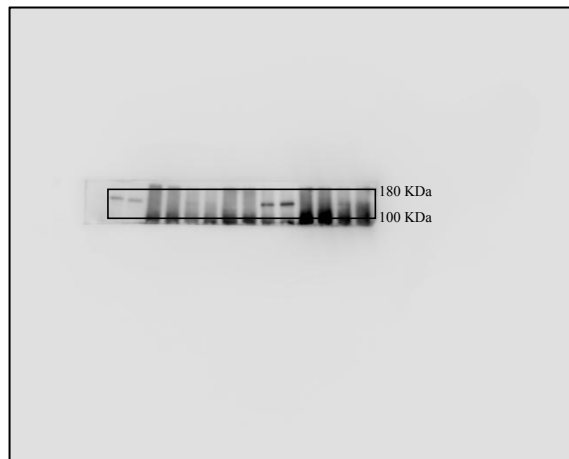


Figure S5B

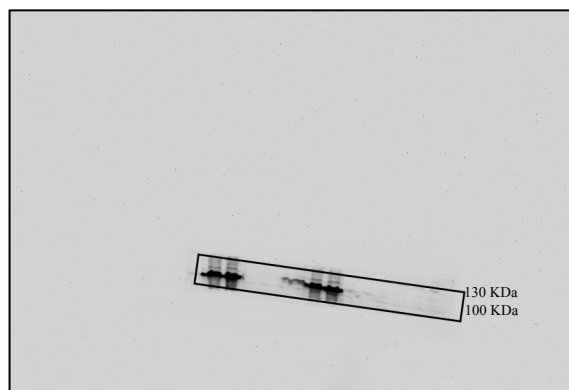
ATR



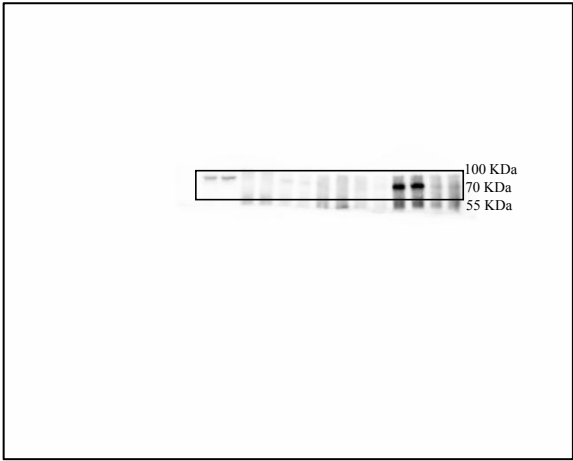
USP10



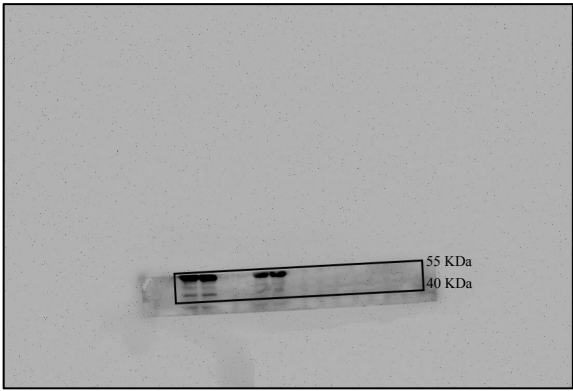
USP5



TRIM25



MKRN1



GAPDH

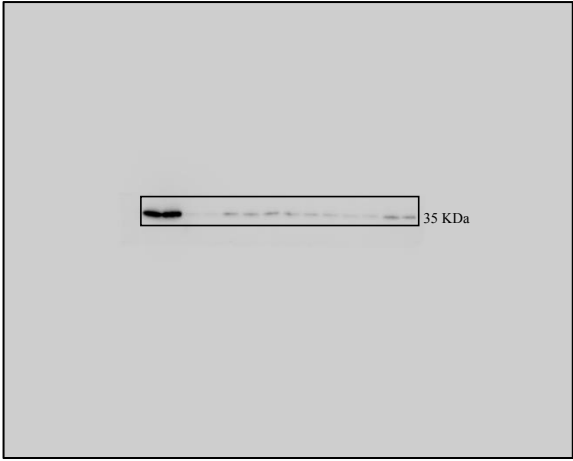
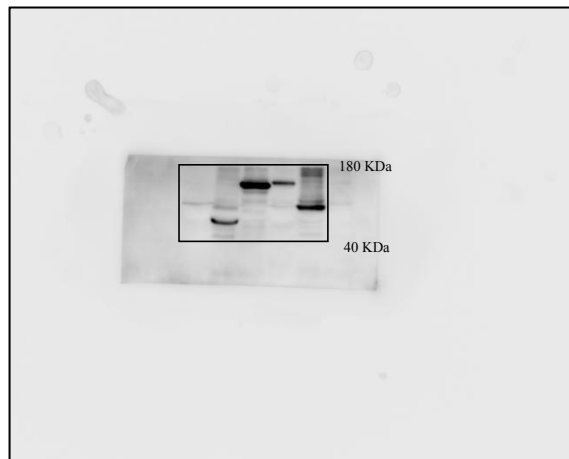


Figure S5C

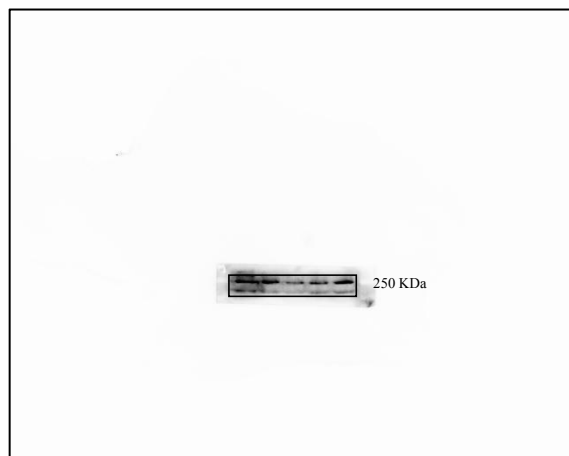
IP:FLAG



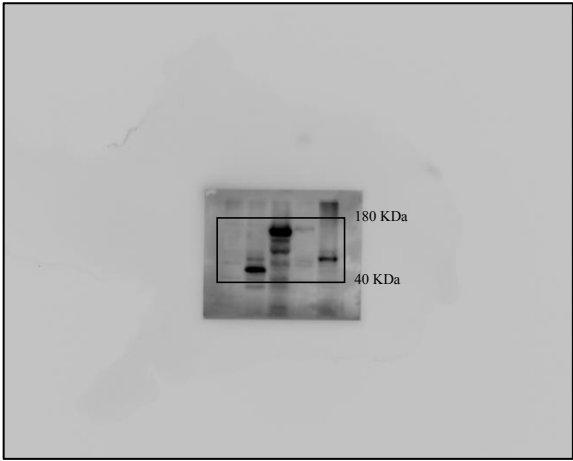
IP:MYC



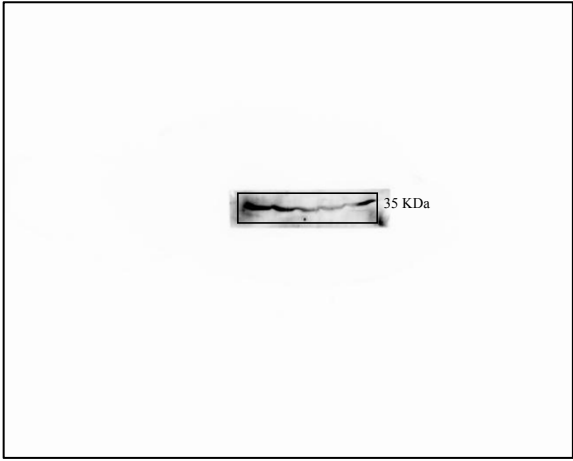
Input: Flag



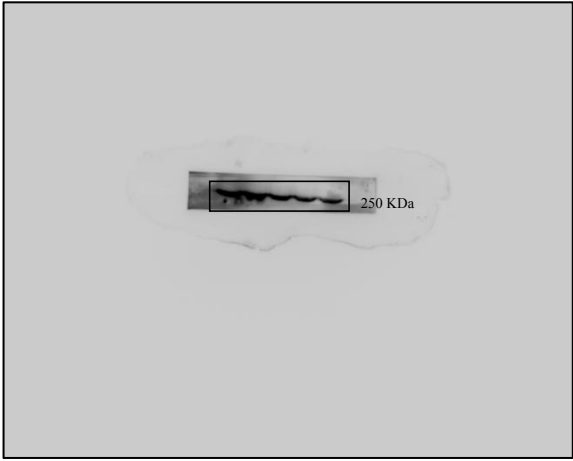
Input: MYC



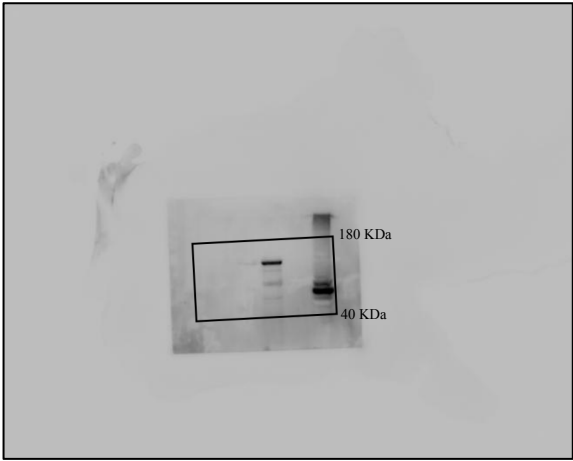
Input: GAPDH



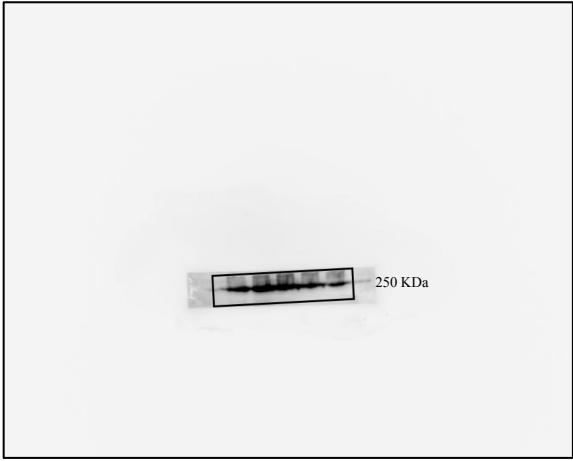
IP: Flag



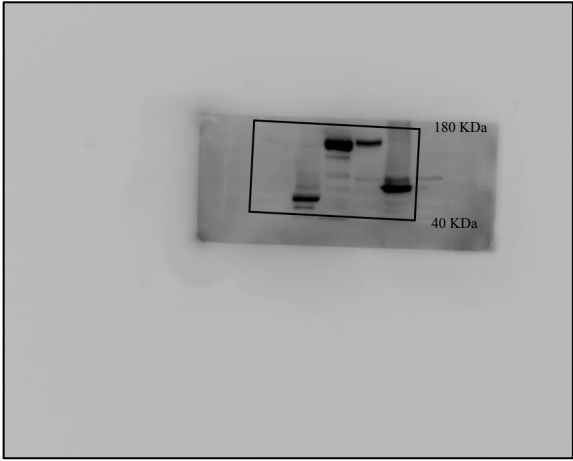
IP: MYC



Input: Flag



Input: MYC



Input: GAPDH

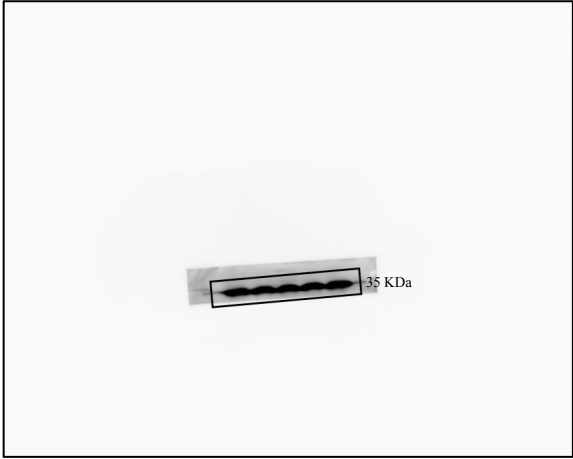
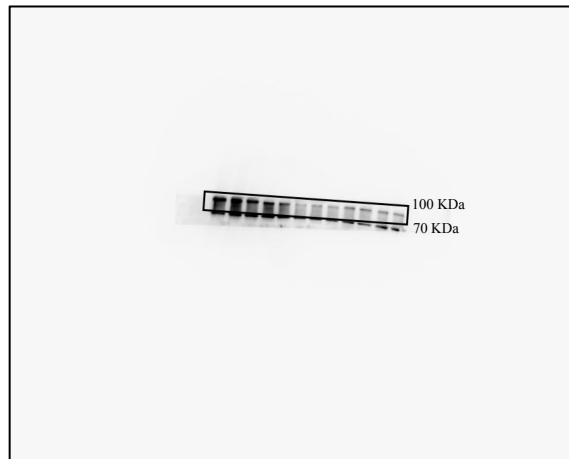
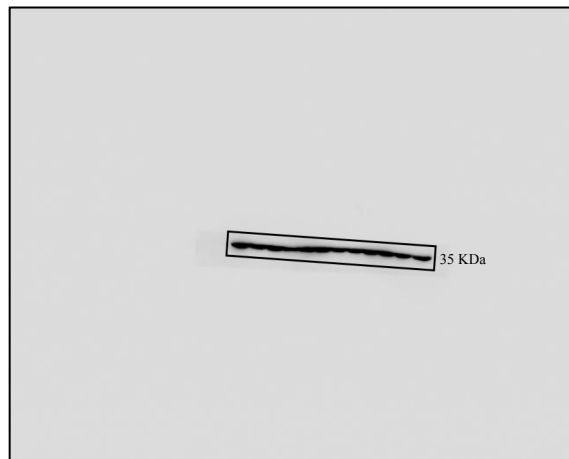


Figure S5D

TRIM56



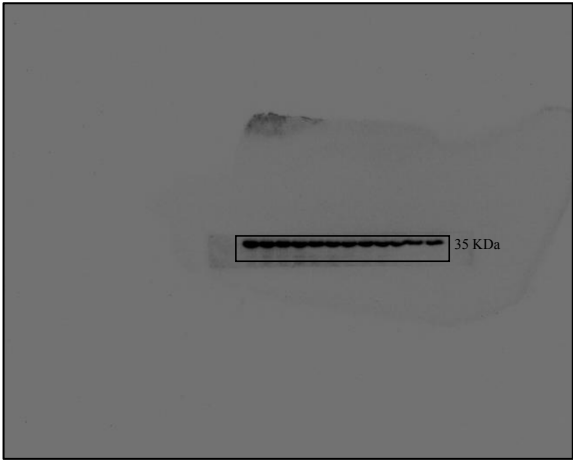
GAPDH



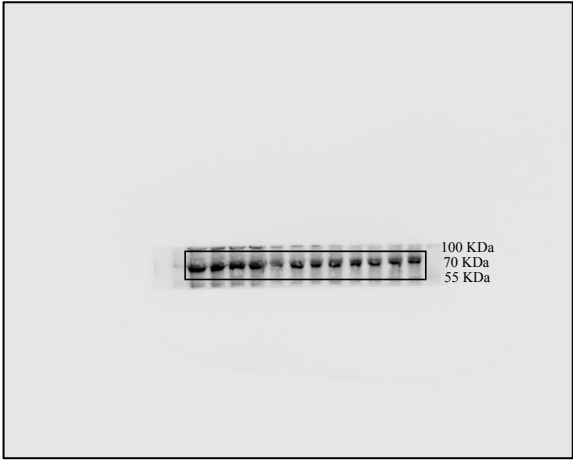
USP5



GAPDH



TRIM25



GAPDH

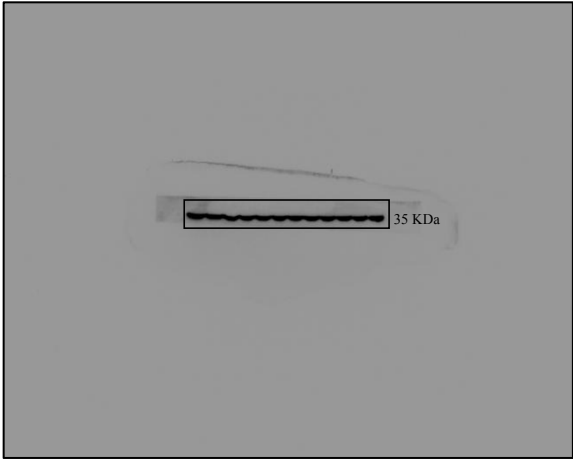
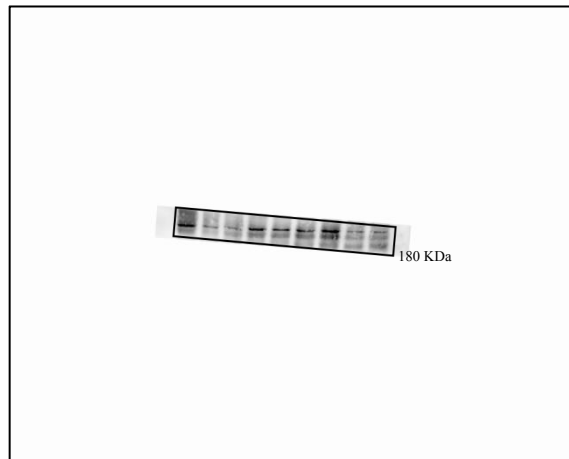


Figure S5E

ATR



GAPDH

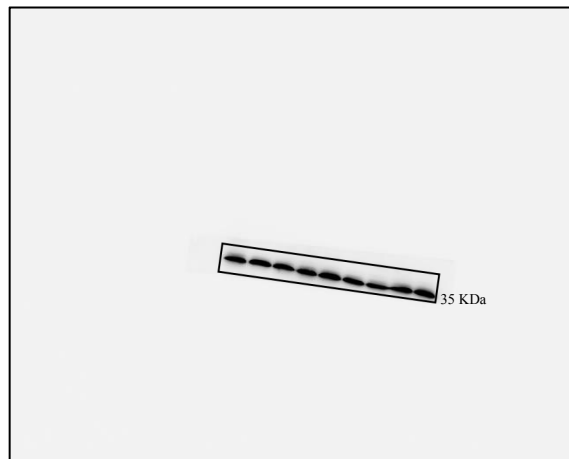
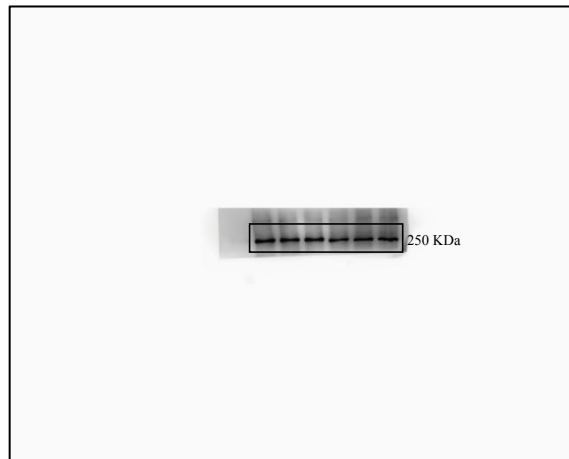
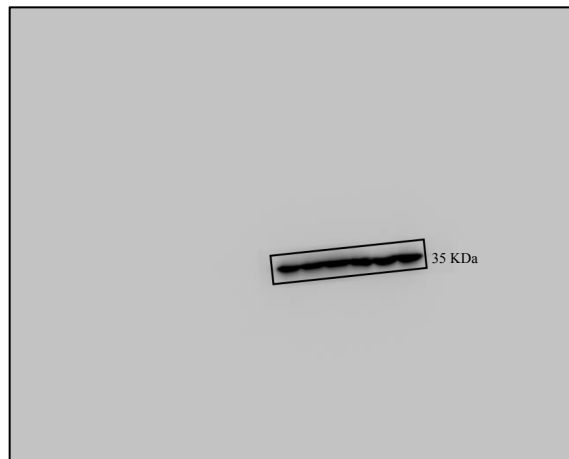


Figure S5F

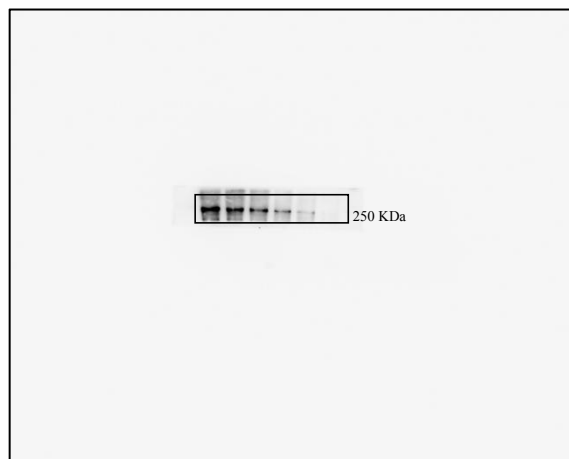
ATR



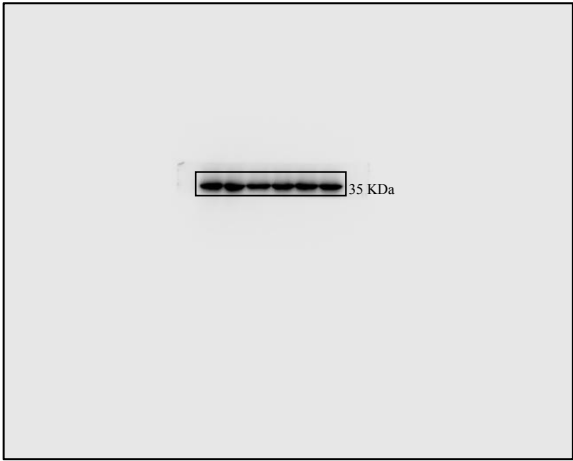
GAPDH



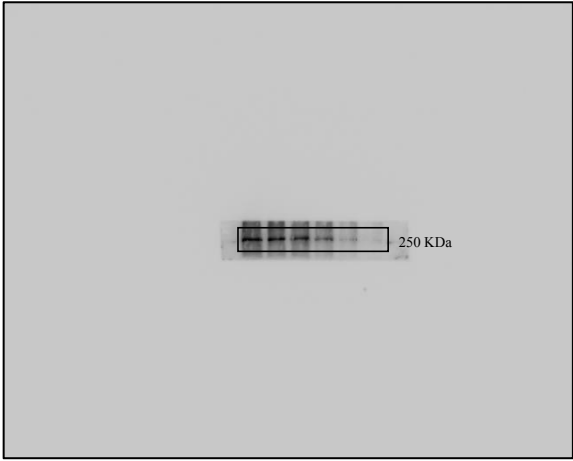
ATR



GAPDH



ATR



GAPDH

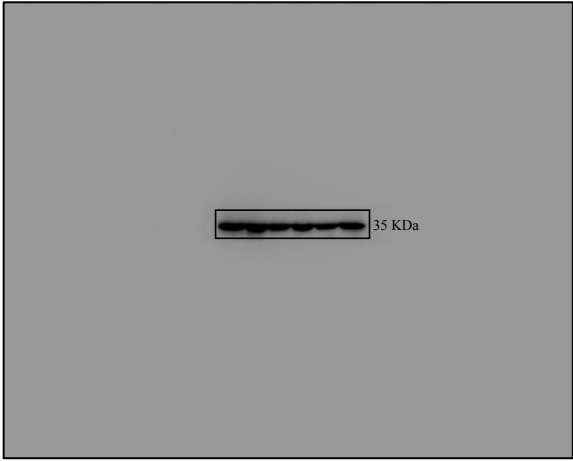
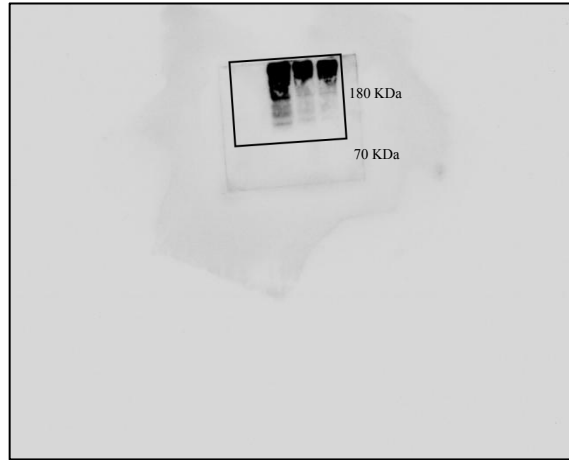
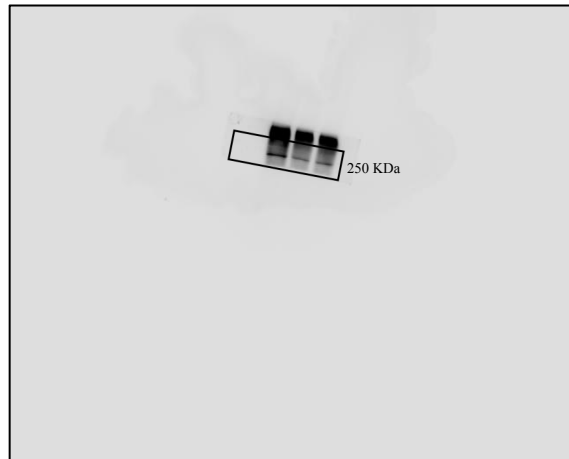


Figure S5H

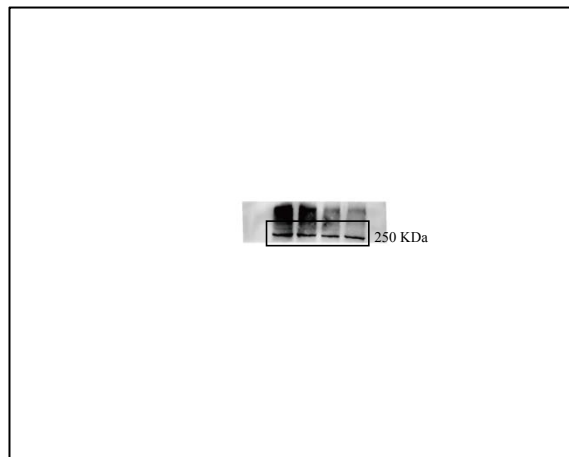
IB: K63-Ub



IB: ATR



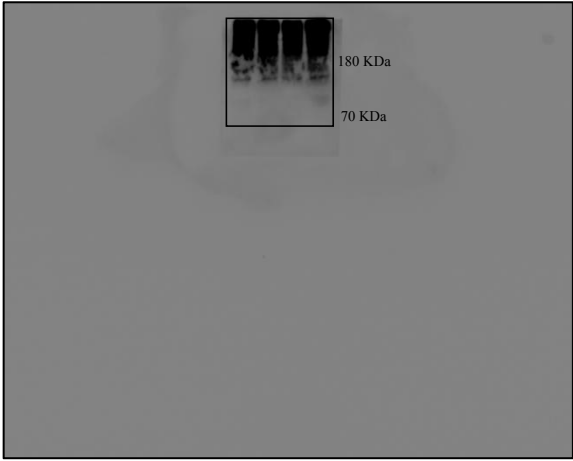
Input: ATR



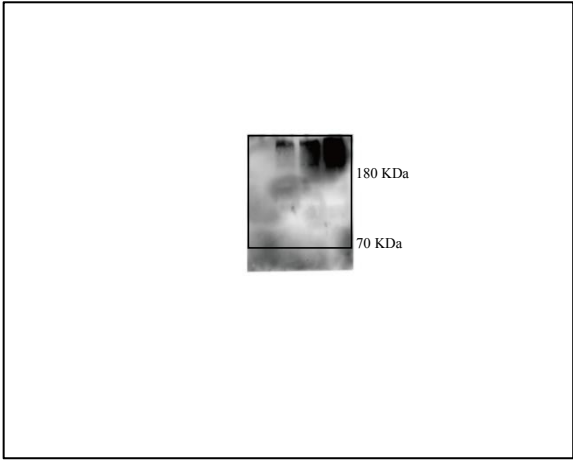
Input: GAPDH



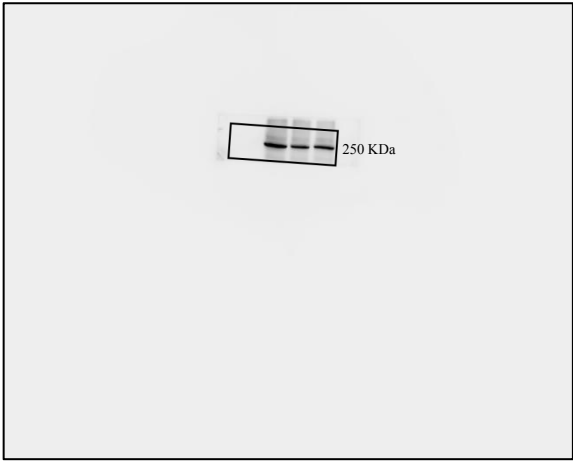
Input: K63-Ub



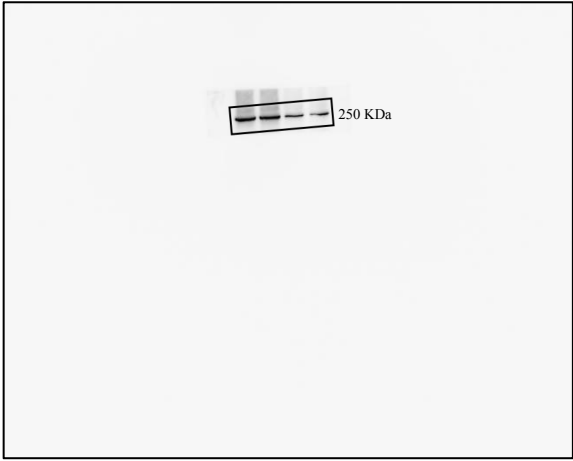
IB: K48-Ub



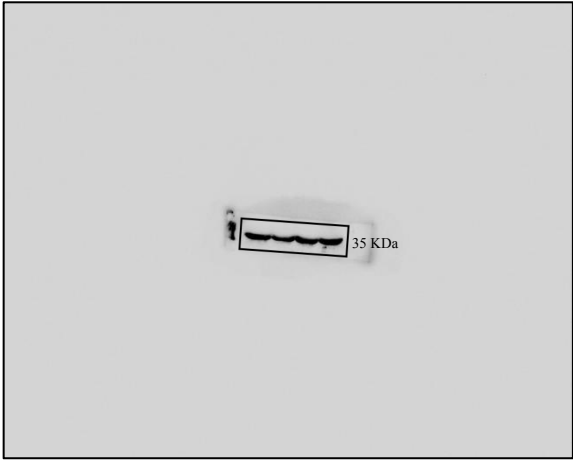
IB: ATR



Input: ATR



Input: GAPDH



Input: K48-Ub

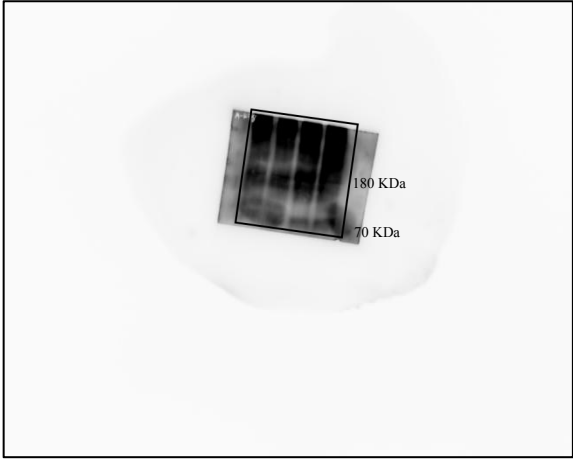
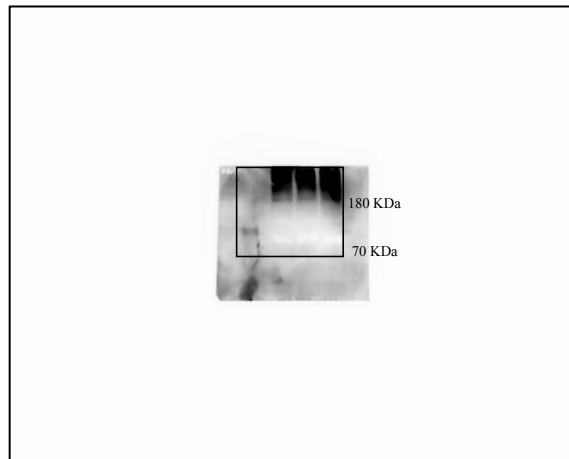


Figure S5I

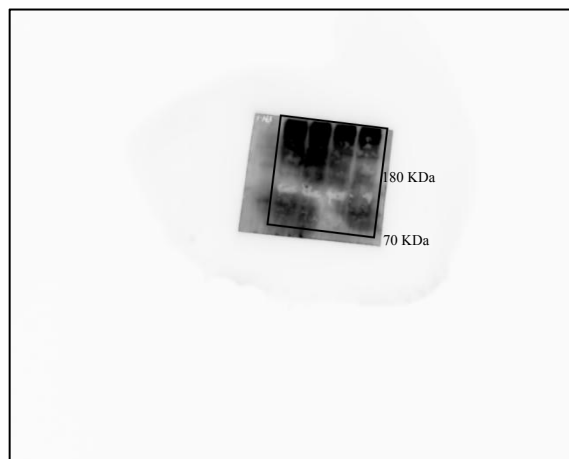
IB: K63-Ub



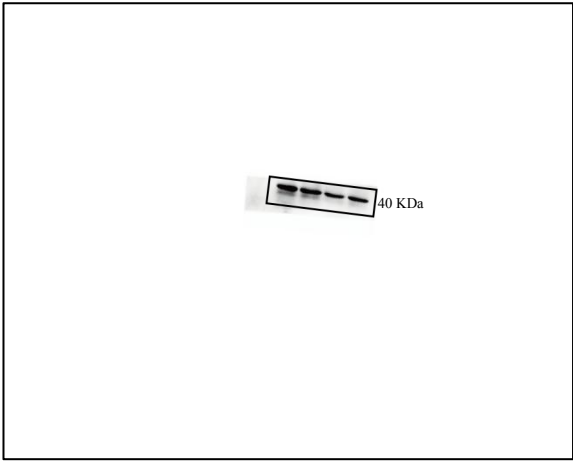
IB: STING



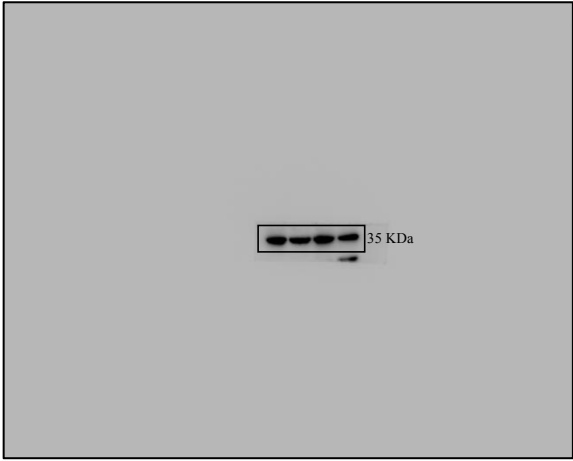
Input: K63-Ub



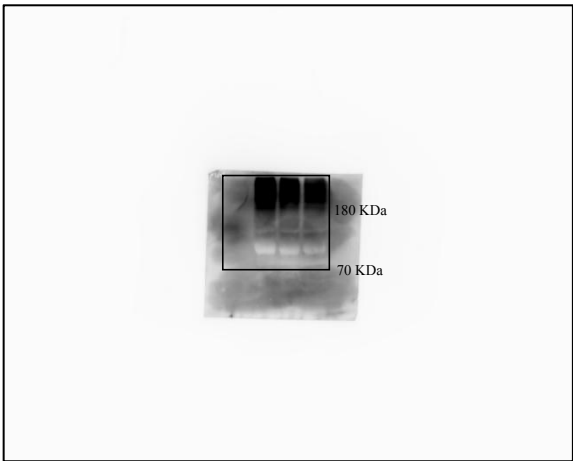
Input: STING



Input: GAPDH



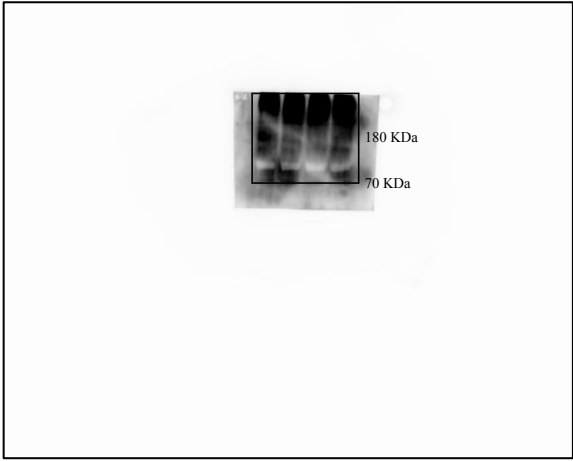
IB: Ub



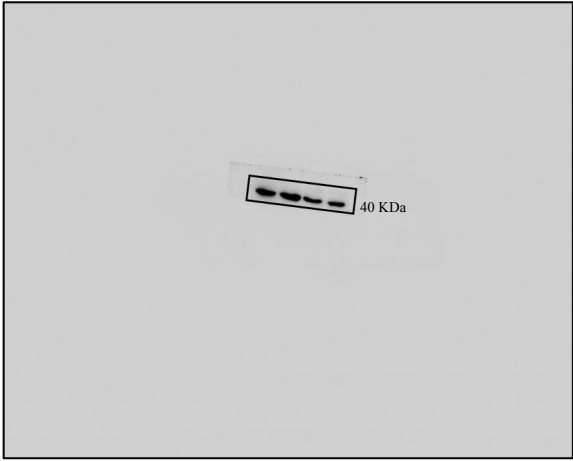
IB: STING



Input: Ub



Input: STING

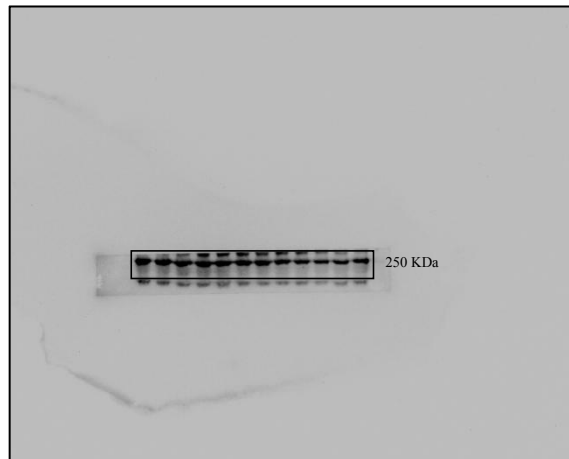


Input: GAPDH



Figure S5J

ATR

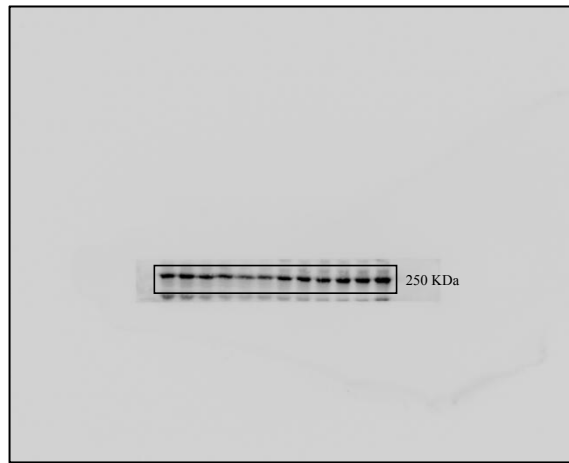


GAPDH



Figure S5K

ATR



GAPDH

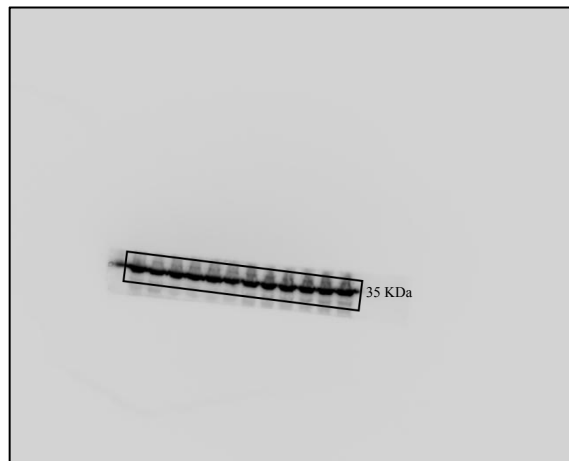
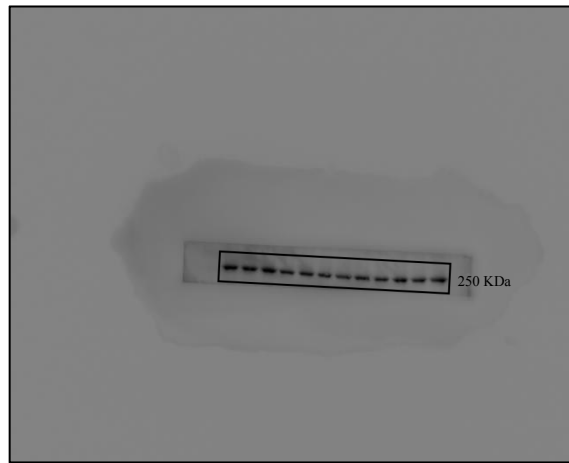


Figure S5L

ATR



GAPDH

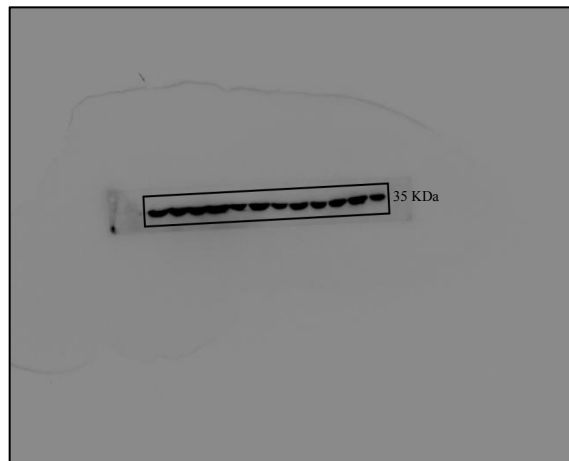
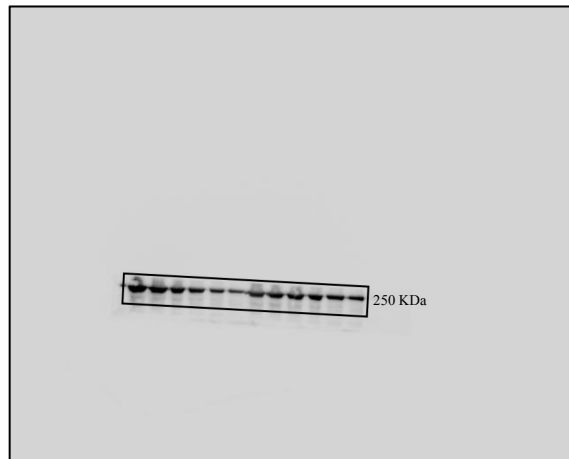


Figure S5M

ATR



GAPDH

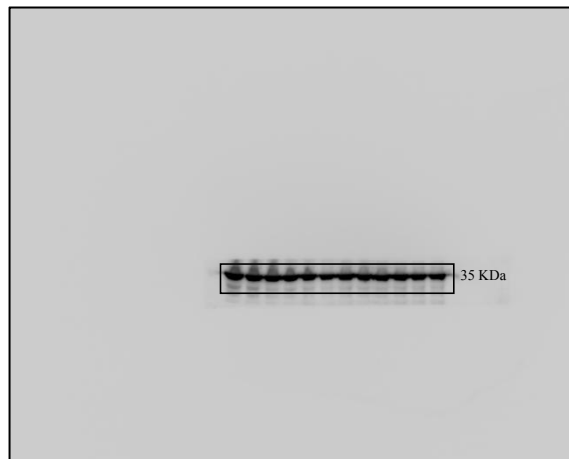
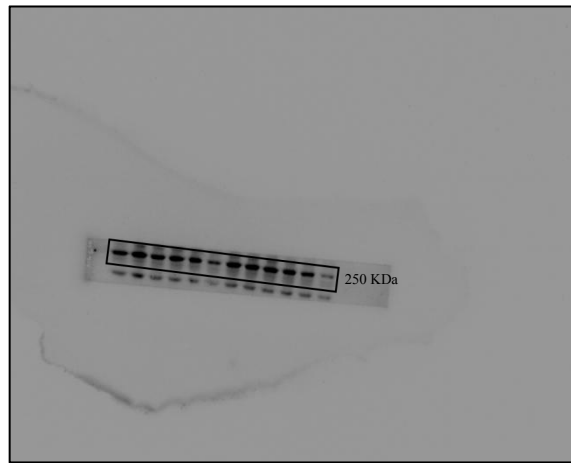


Figure S5P

ATR



GAPDH

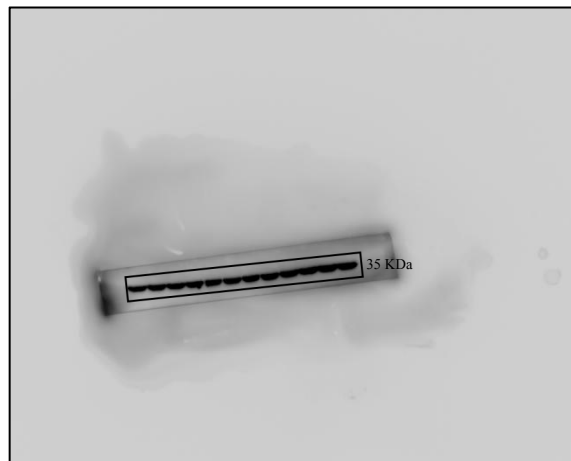
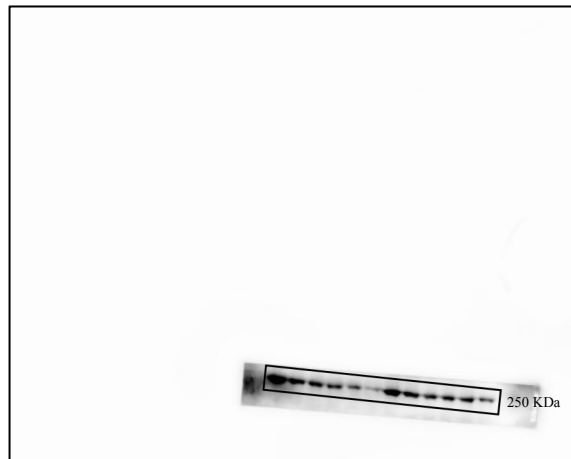


Figure S5Q

ATR



GAPDH

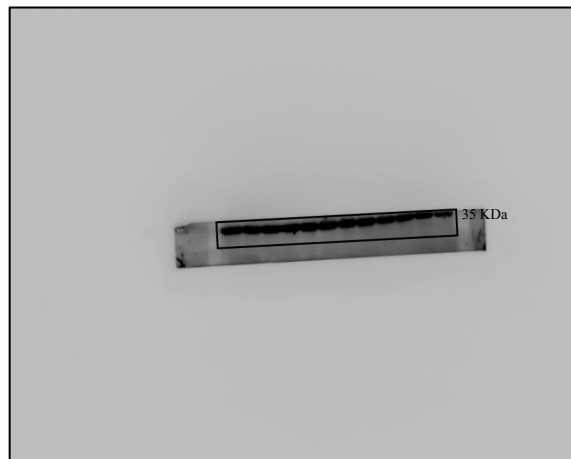
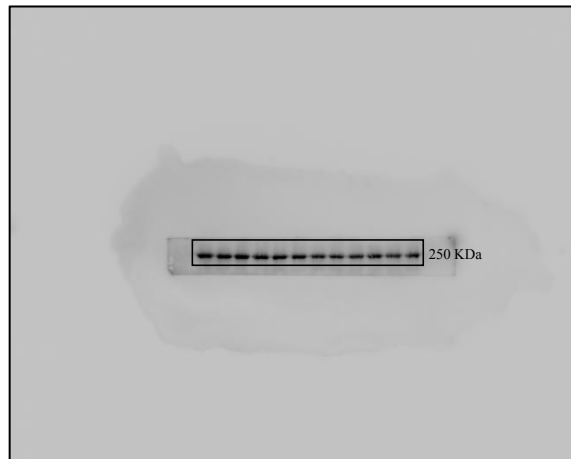


Figure S5R

ATR



GAPDH

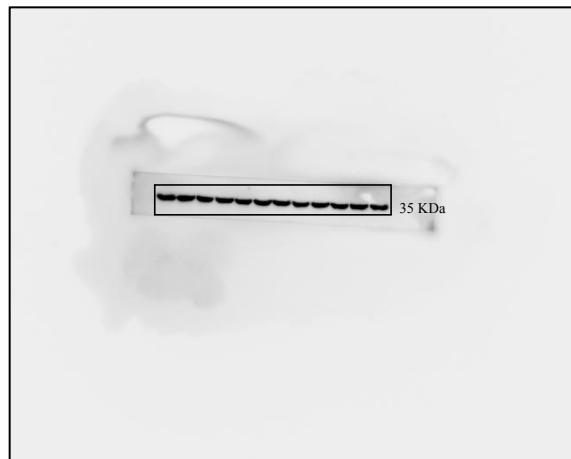
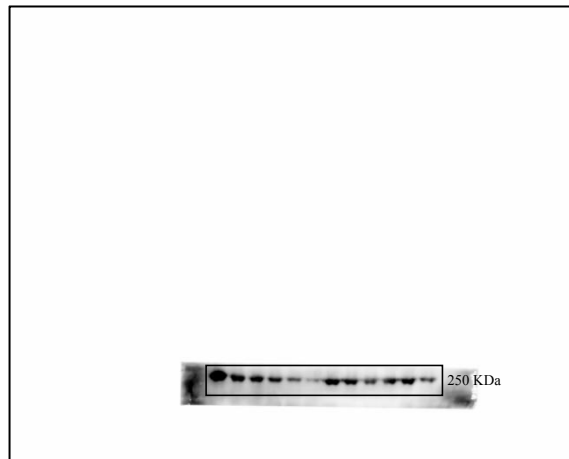


Figure S5S

ATR

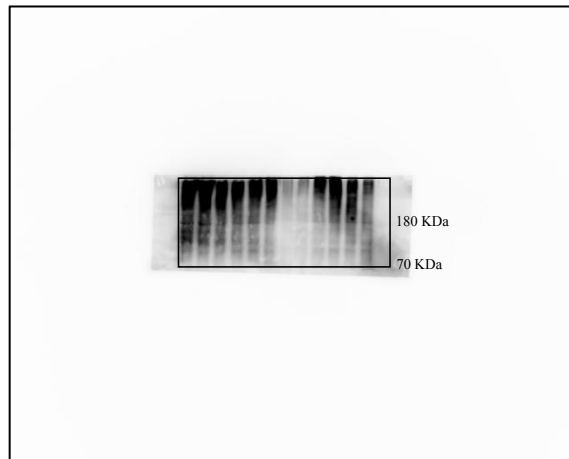


GADPH

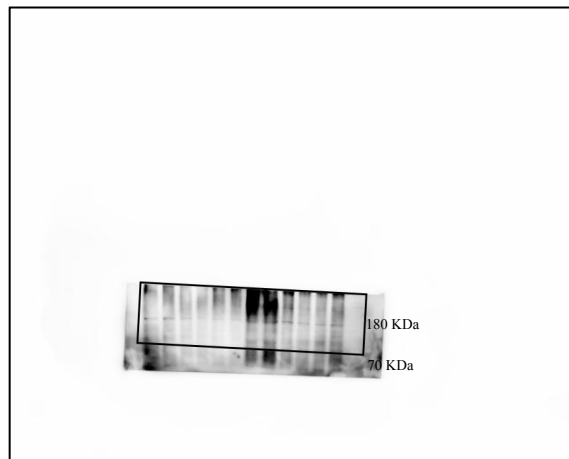


Figure S5V

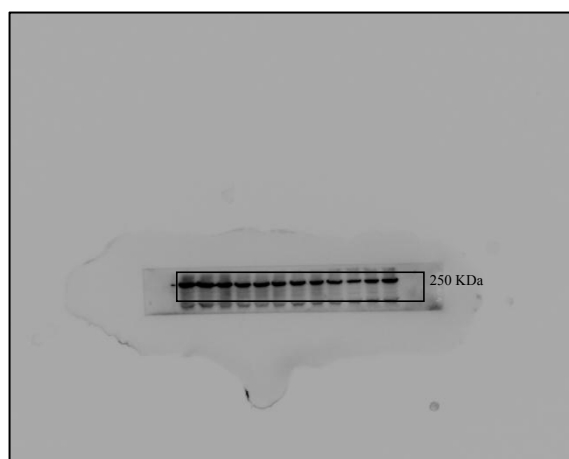
K63-Ub



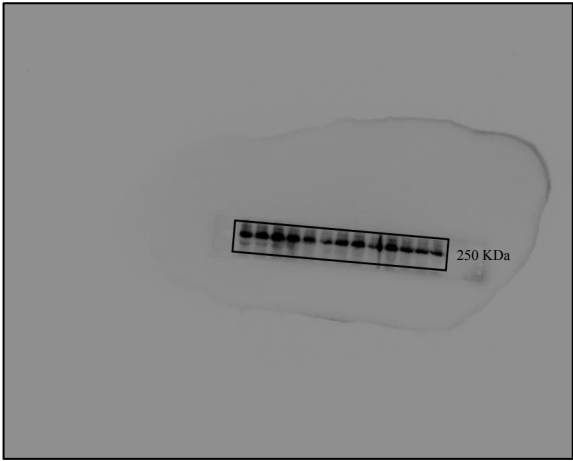
K48-Ub



IP: ATR



Input: ATR



Input: GAPDH

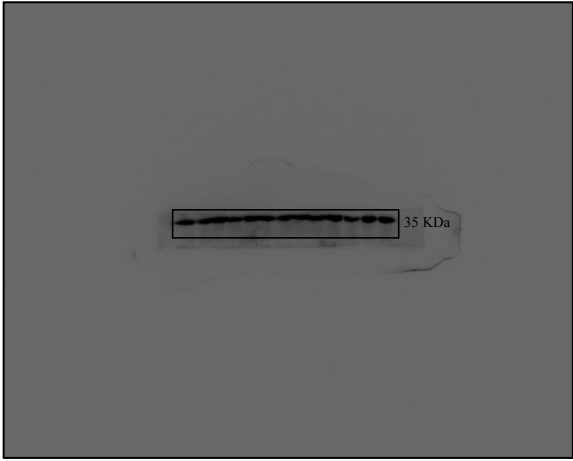
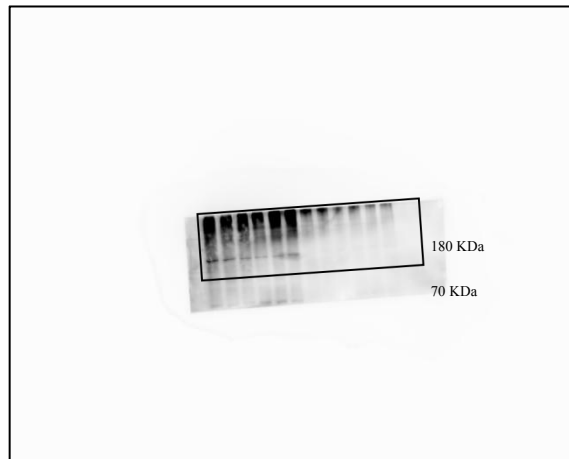
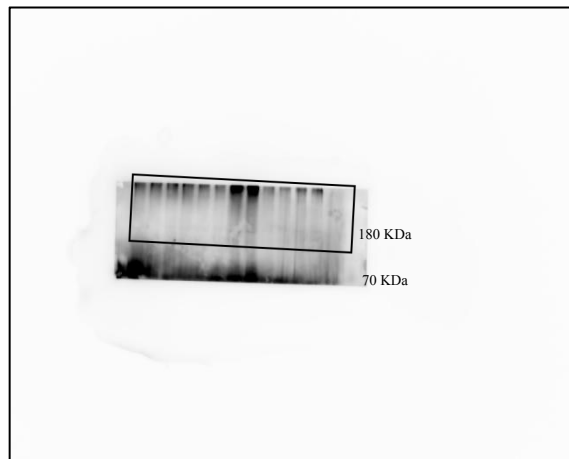


Figure S5W

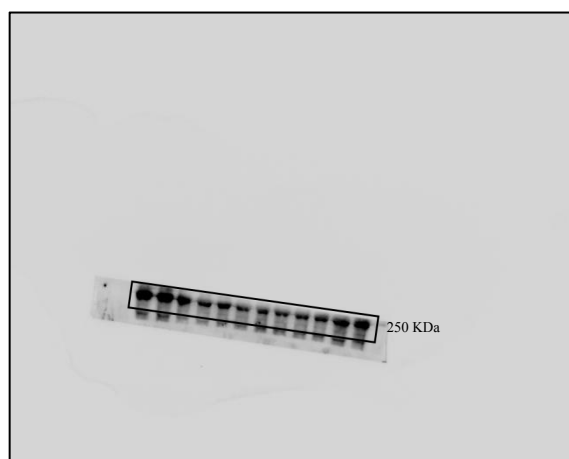
K63-Ub



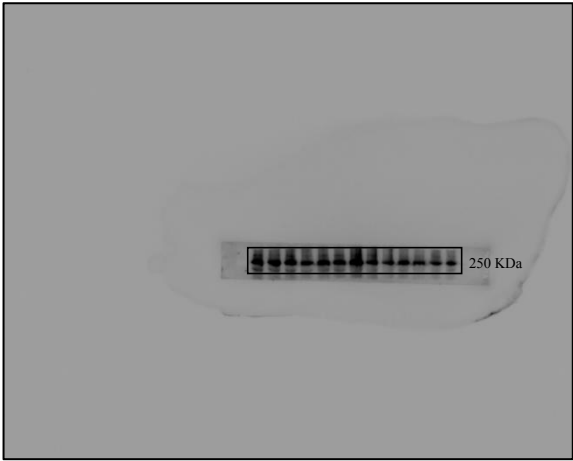
K48-Ub



IP: ATR



Input: ATR



Input: GAPDH

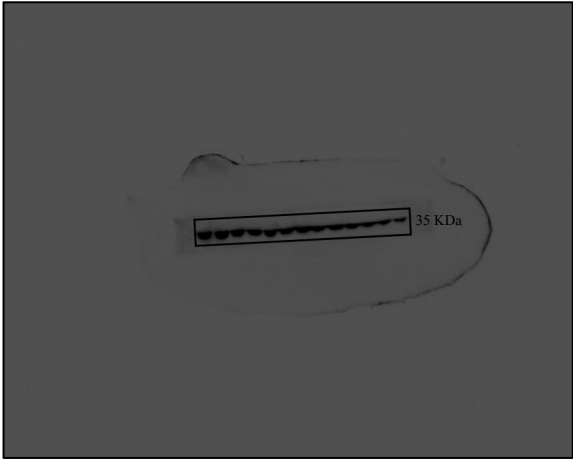
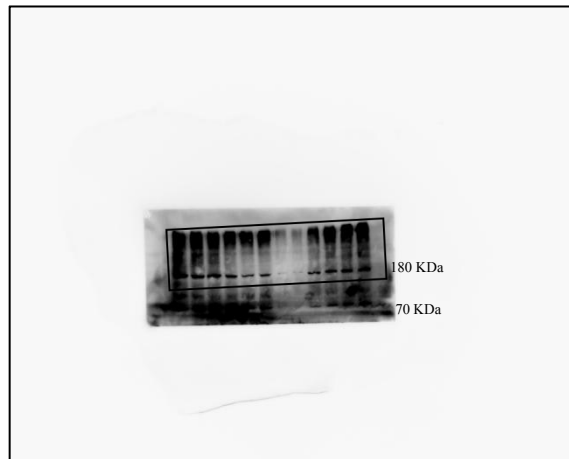
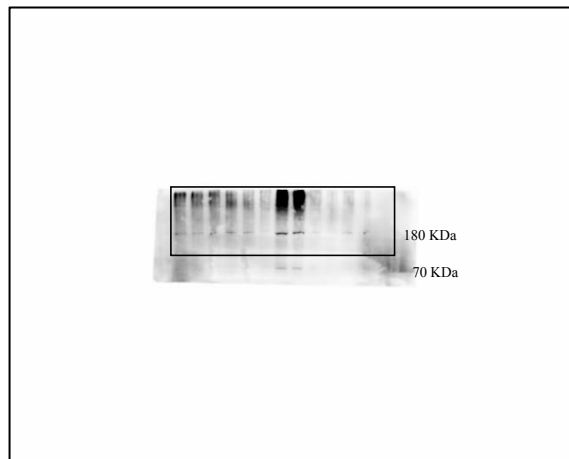


Figure S5X

K63-Ub



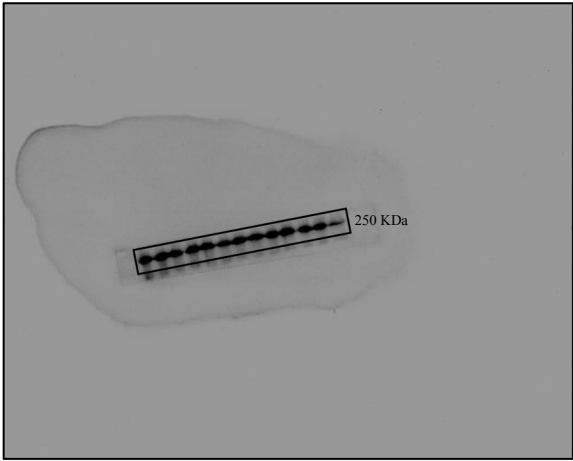
K48-Ub



IP: ATR



Input: ATR



Input: GAPDH

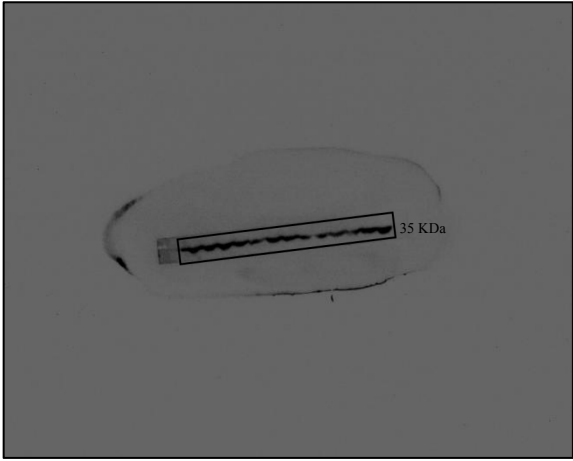
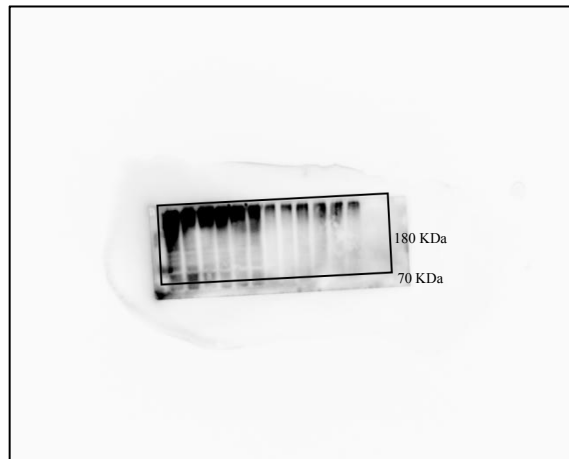
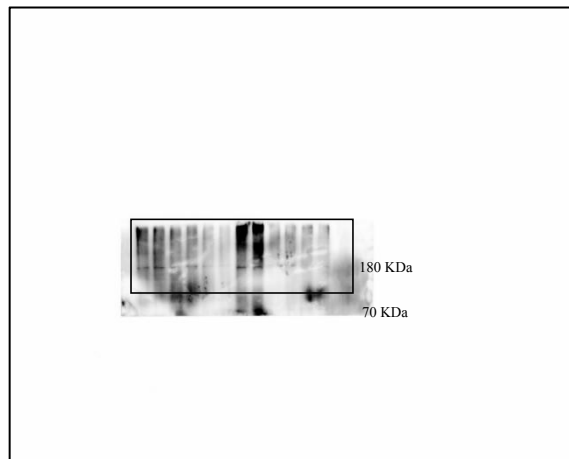


Figure S5Y

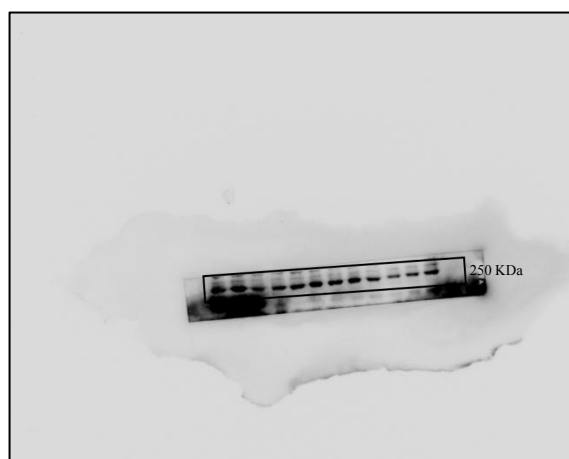
K63-Ub



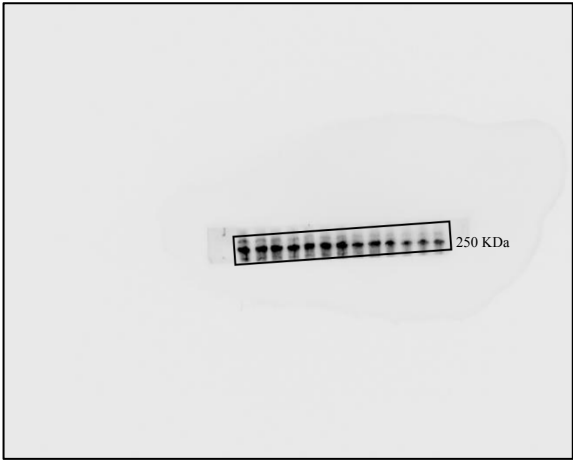
K48-Ub



IP: ATR



Input: ATR



Input: GAPDH

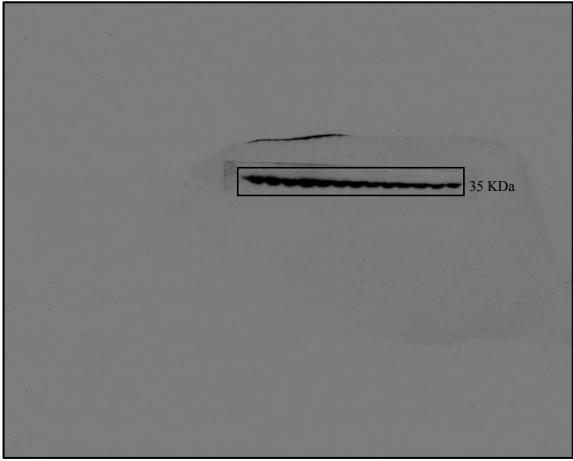
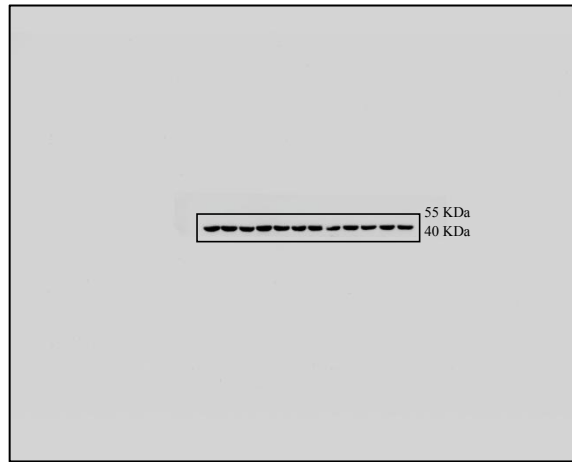


Figure S6A

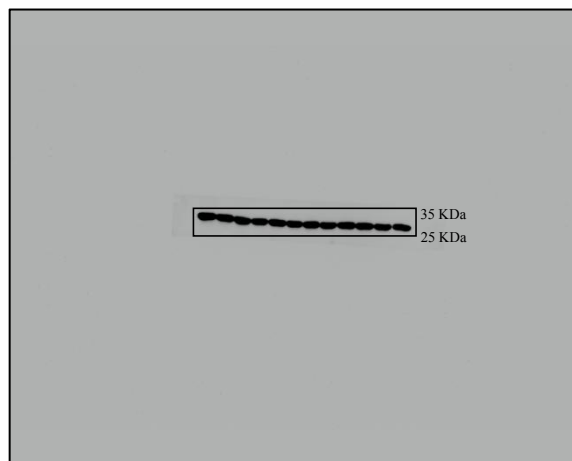
ATR



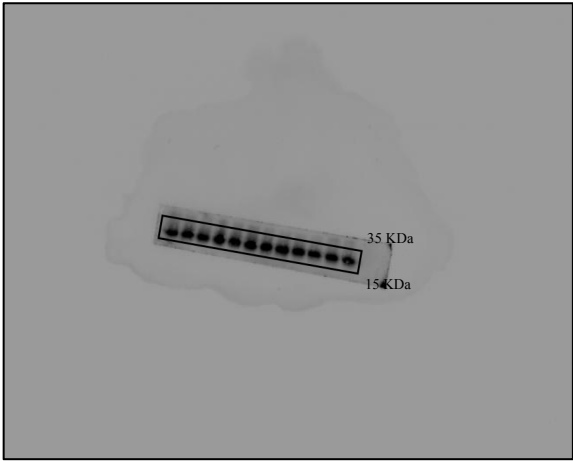
TSG101



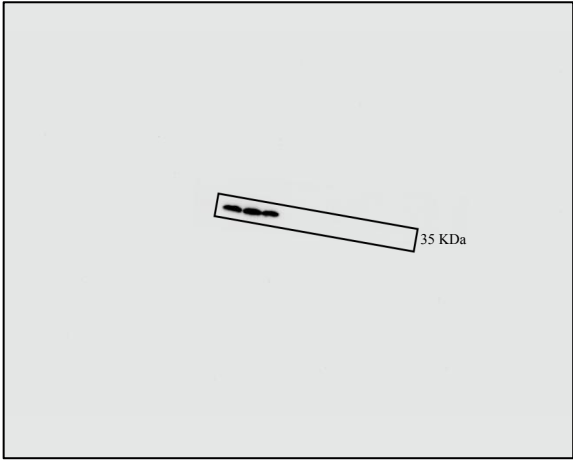
CD63



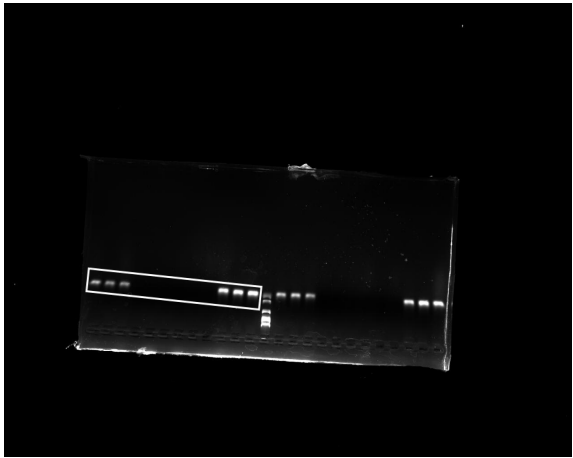
CD9



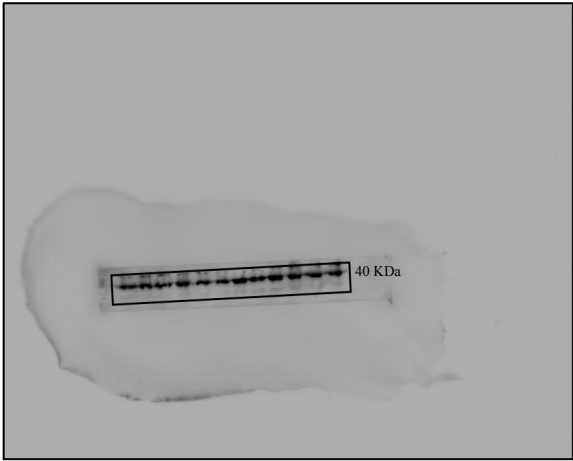
GAPDH



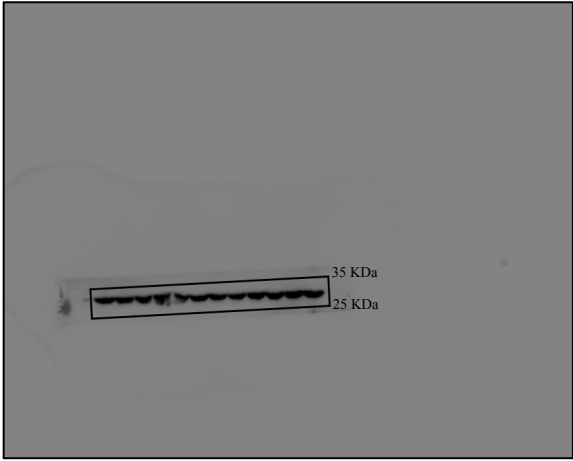
ATR



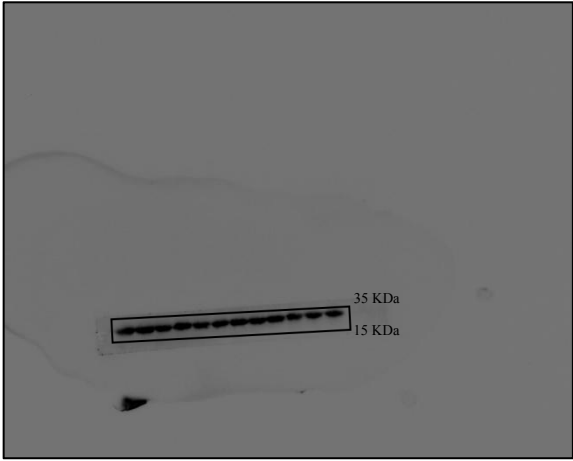
TSG



CD63



CD9



GAPDH

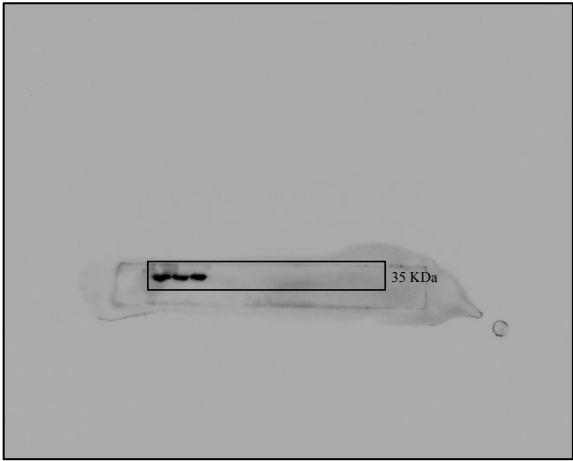
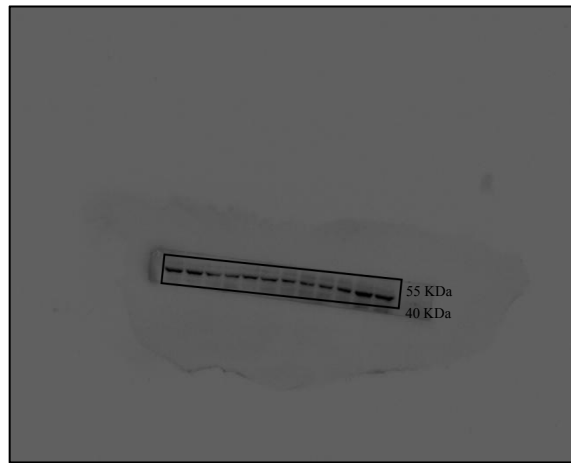
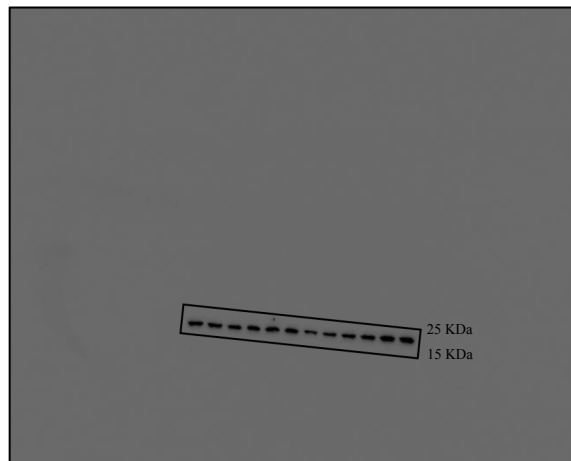


Figure S6E

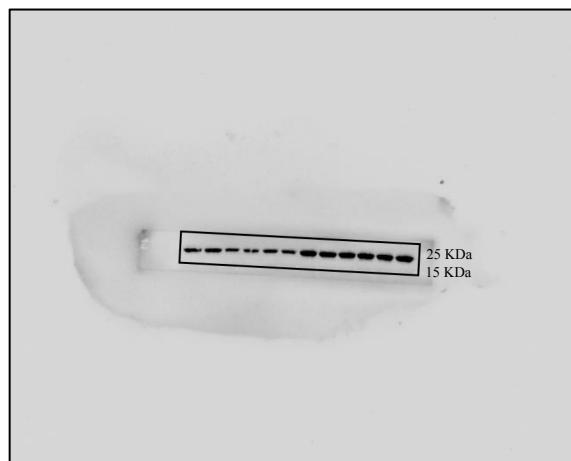
p-p53



p21



p16



GAPDH

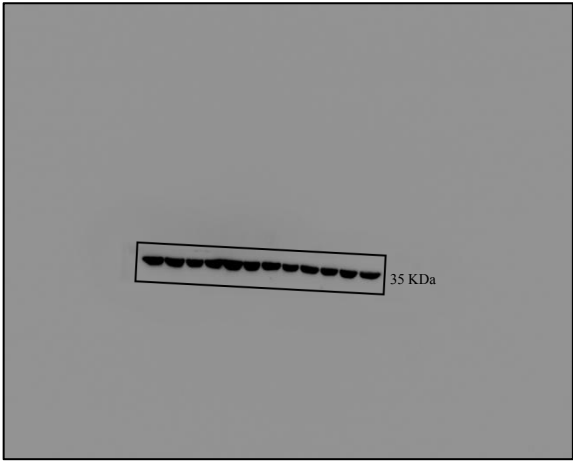
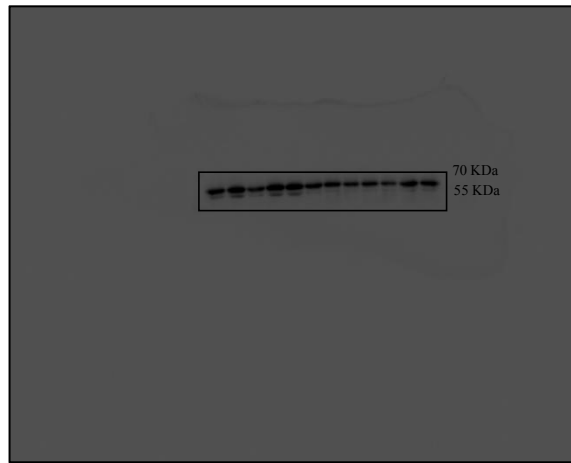
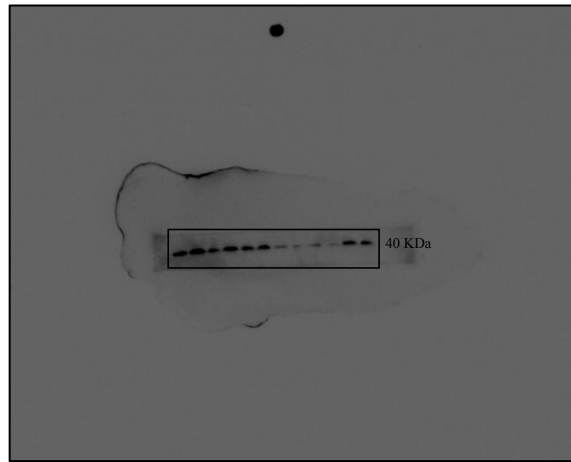


Figure S6F

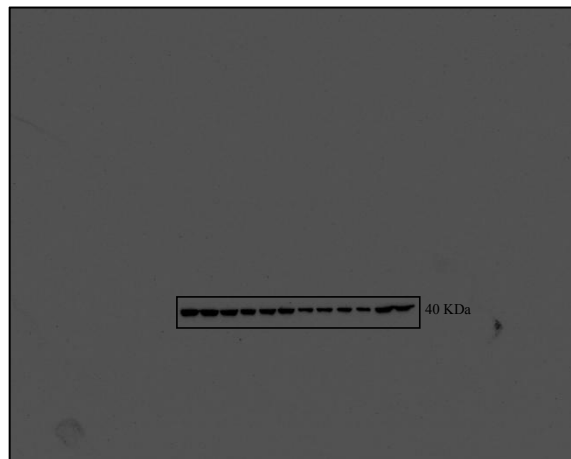
cGAS



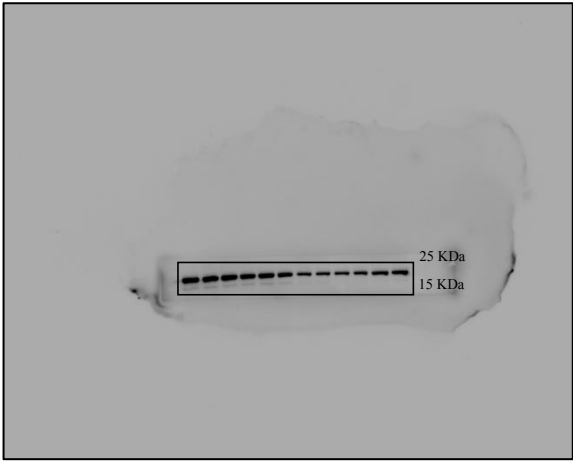
p-STING



STING



γ H2A



GAPDH

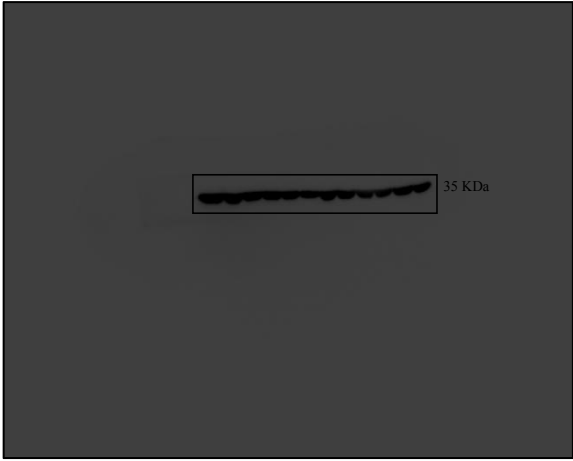
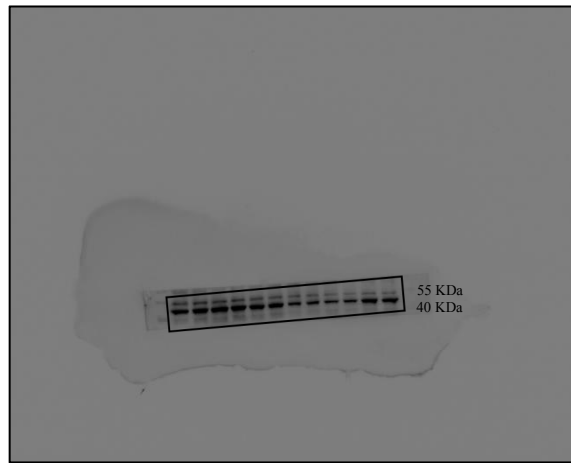
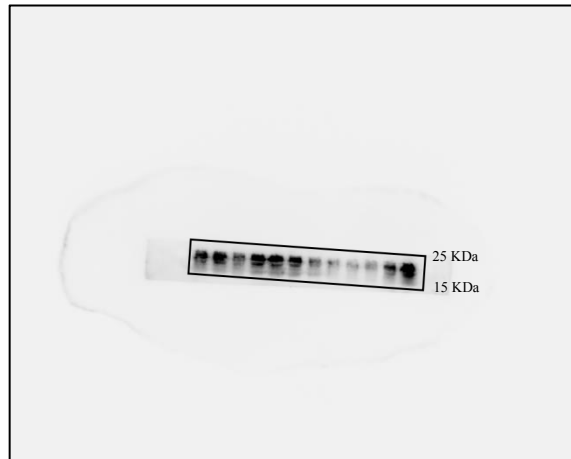


Figure S6H

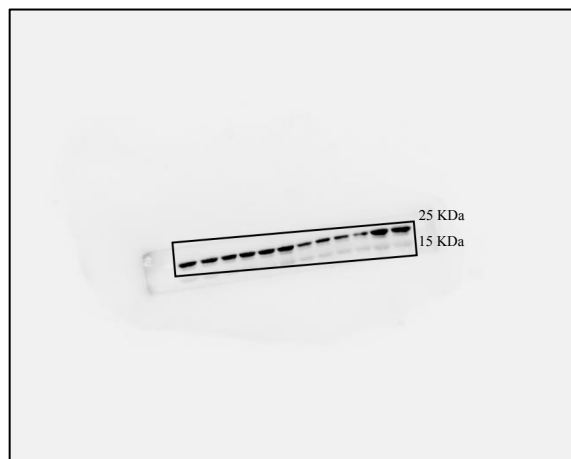
p-p53



p21



p16



GAPDH

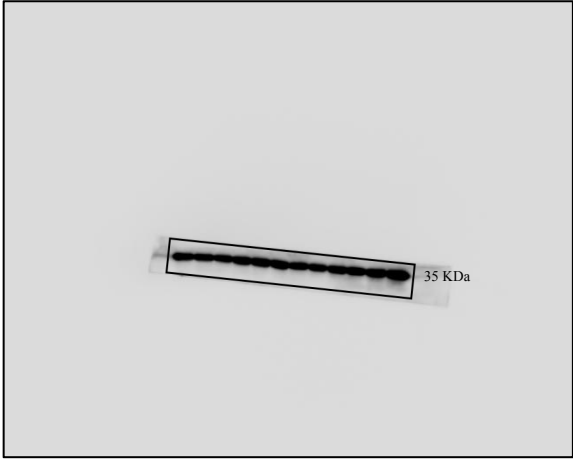
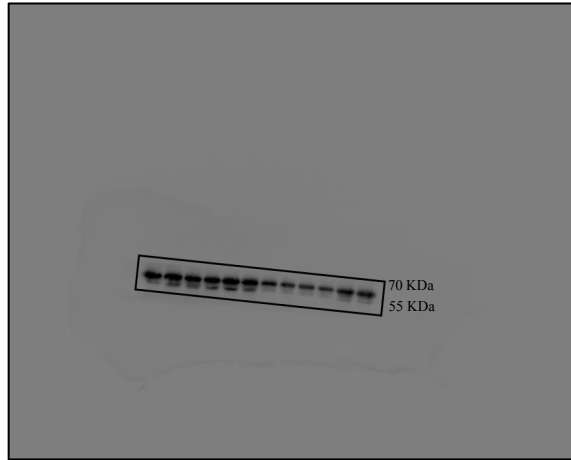
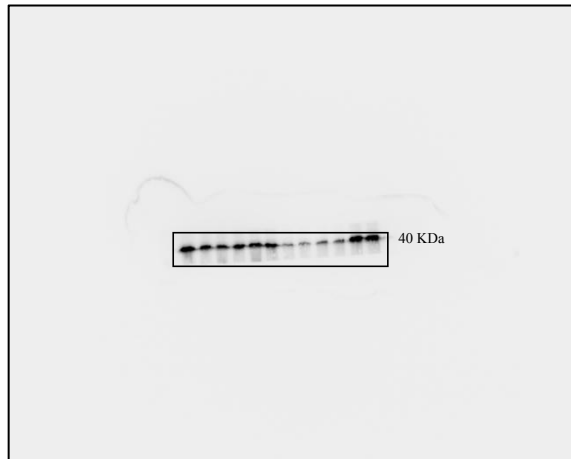


Figure S6I

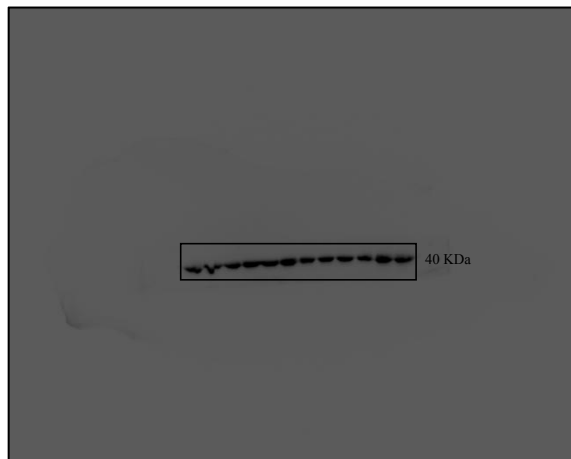
cGAS



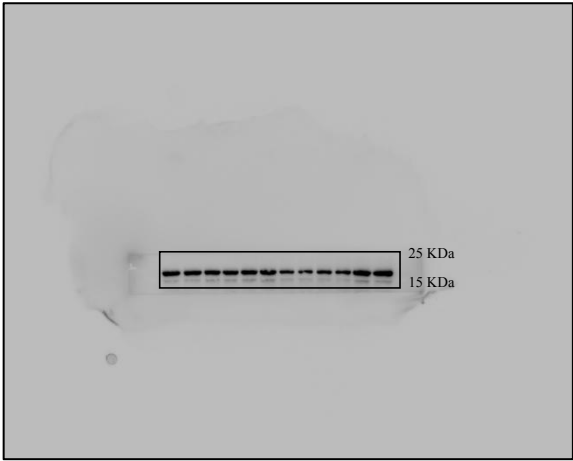
p-STING



STING



γ H2A



GAPDH

