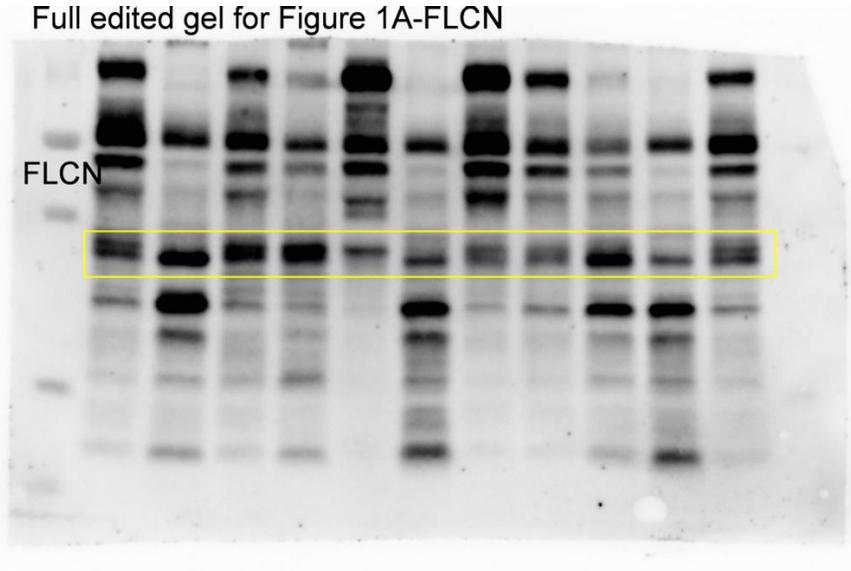
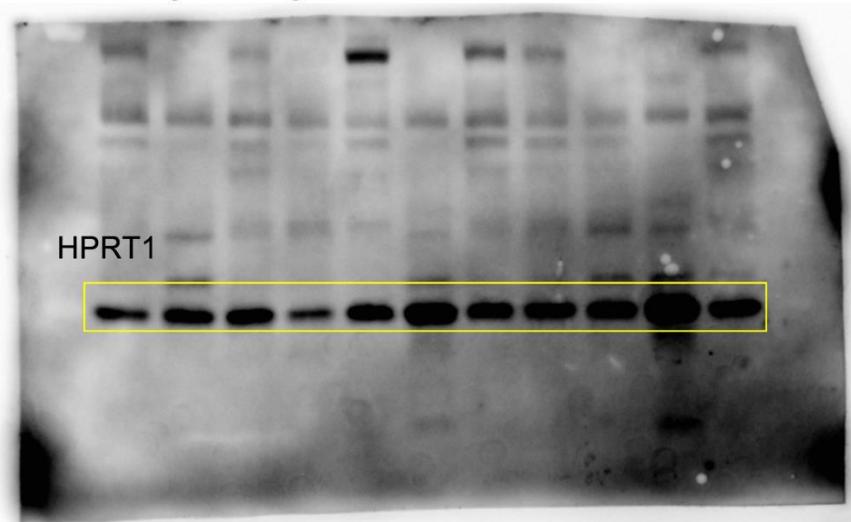


1A

Full edited gel for Figure 1A-FLCN

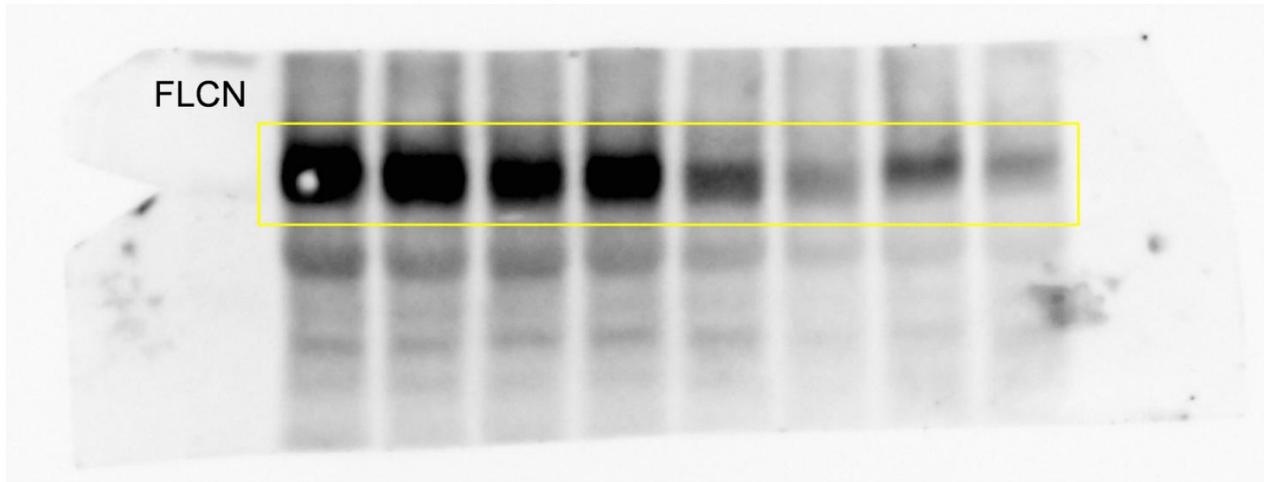
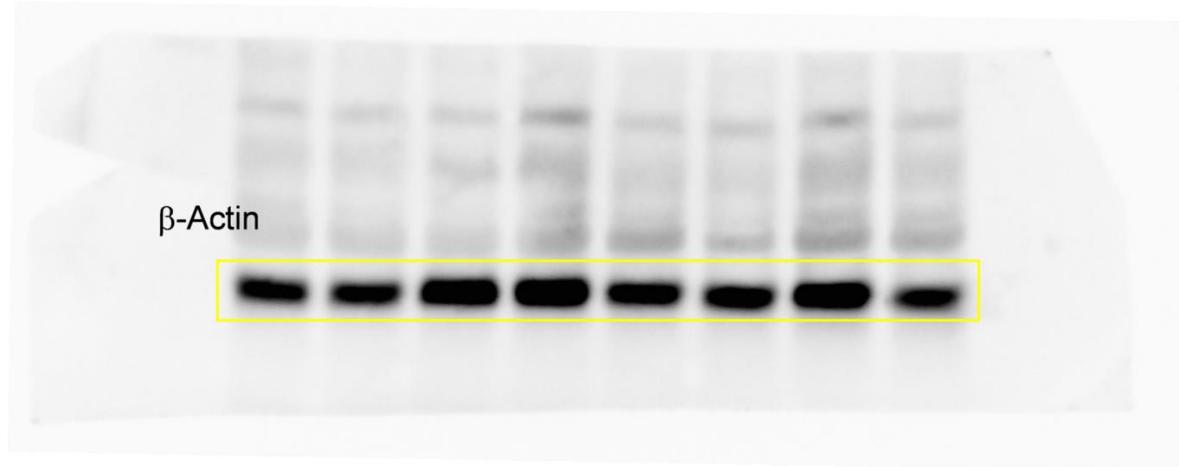


Full edited gel for Figure 1A-HPRT1



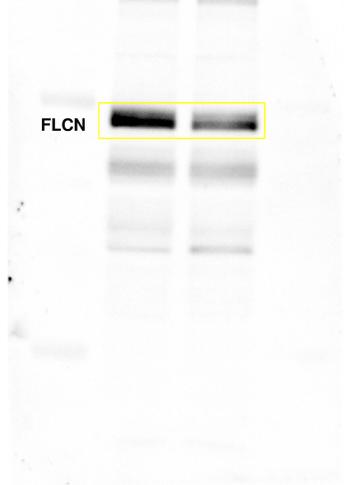
**Full edited gel for Figure 2A-FLCN**

2A

**Full edited gel for Figure 2A-β-Actin**

3A

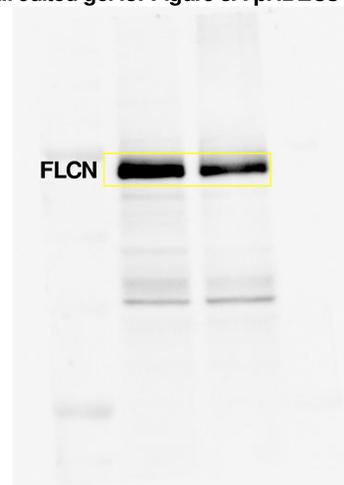
Full edited gel for Figure 3A-pHAECs-FLCN



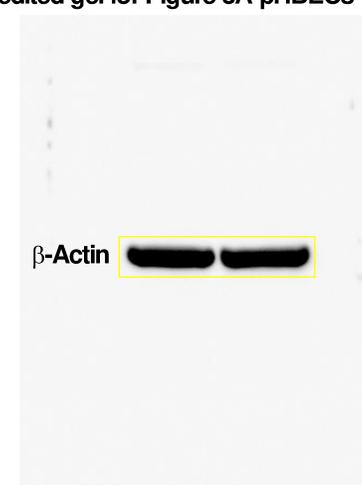
Full edited gel for Figure 3A-pHAECs-β-Actin



Full edited gel for Figure 3A-pHBECs-FLCN

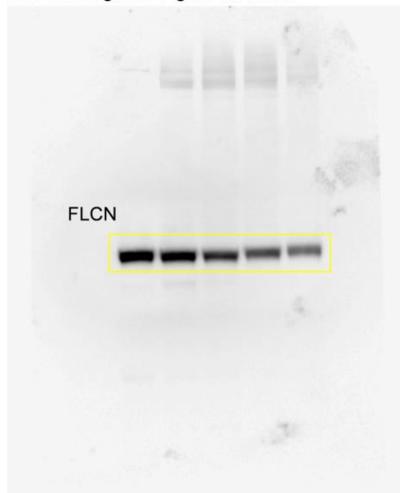


Full edited gel for Figure 3A-pHBECs-β-Actin

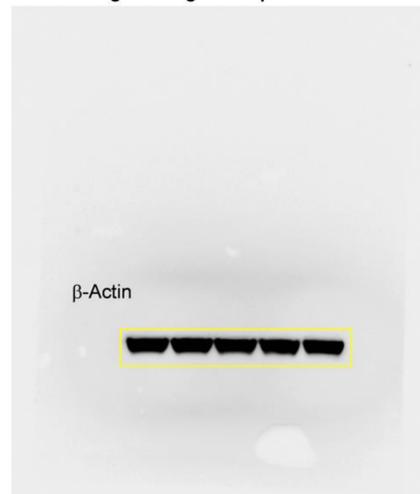


3B

Full edited gel for Figure 3A-FLCN

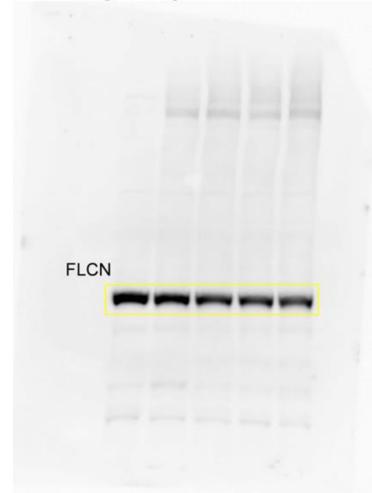


Full edited gel for Figure 3A-β-Actin



3C

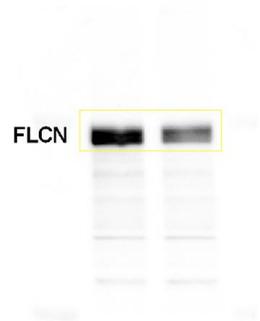
Full edited gel for Figure 3B-FLCN



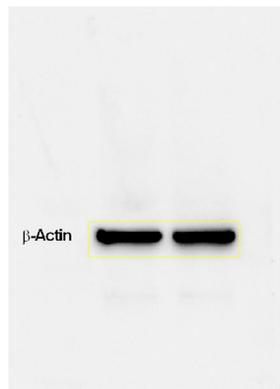
Full edited gel for Figure 3B-β-Actin



Full edited gel for Figure 3F-FLCN



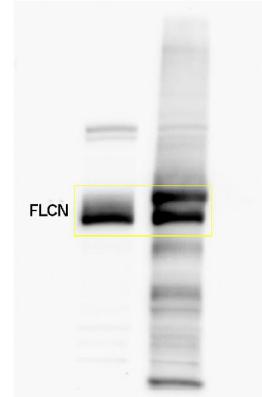
Full edited gel for Figure 3F-β-Actin



Full edited gel for Figure 3H-HA

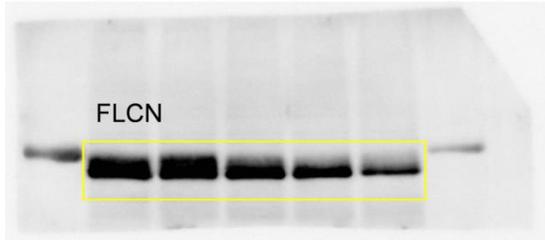
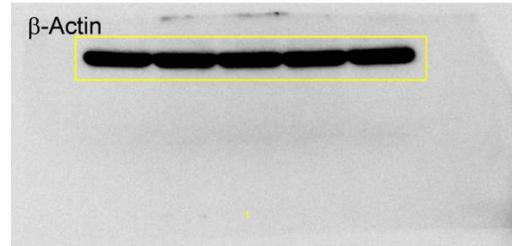


Full edited gel for Figure 3H-FLCN

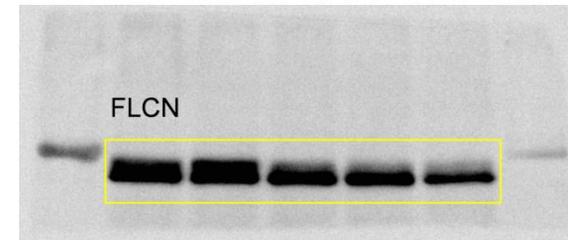
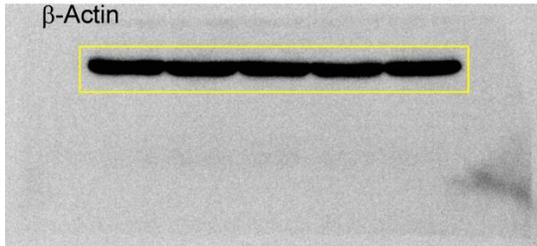


Full edited gel for Figure 3H-FLCN

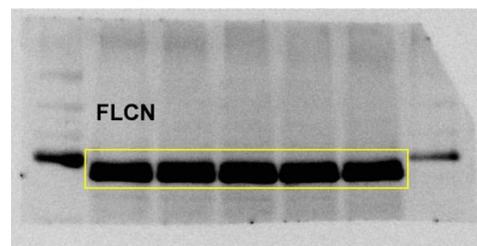
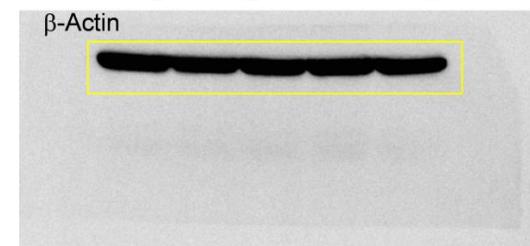


**4A** Full edited gel for Figure 4A-CHX-FLCNFull edited gel for Figure 4A-CHX- $\beta$ -Actin

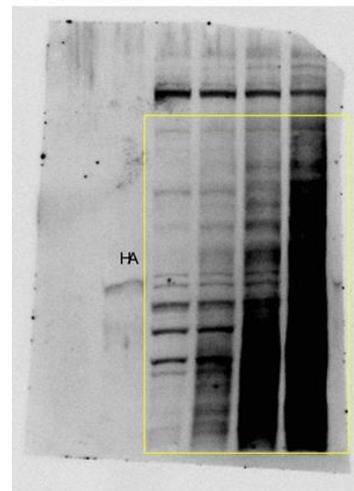
## Full edited gel for Figure 4A-Leupeptin-FLCN

Full edited gel for Figure 4A-Leupeptin- $\beta$ -Actin

## Full edited gel for Figure 4A-MG132-FLCN

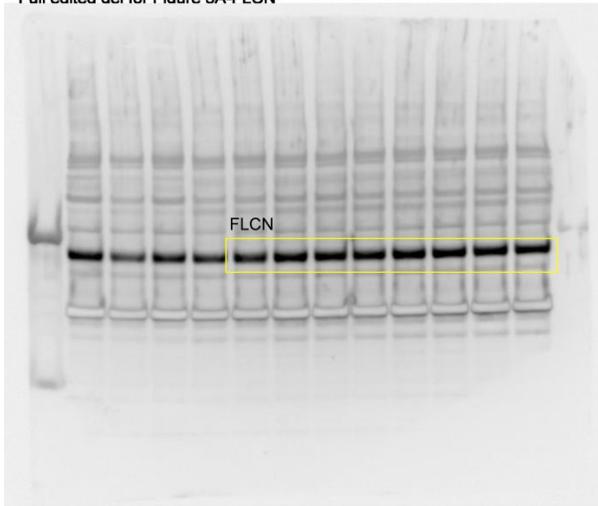
Full edited gel for Figure 4A-MG132- $\beta$ -Actin**4C** Full edited gel for Figure 4C-FLCN

## Full edited gel for Figure 4C-HA

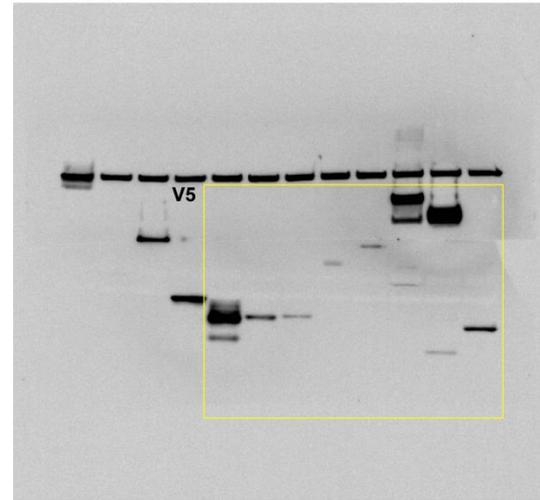
Full edited gel for Figure 4C- $\beta$ -Actin

5A

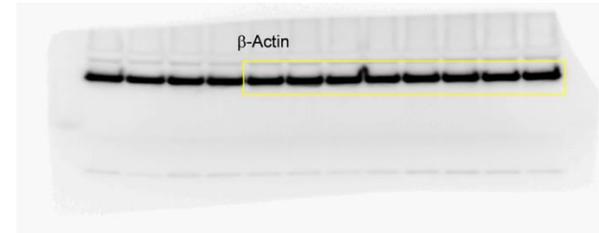
Full edited gel for Figure 5A-FLCN



Full edited gel for Figure 5A-V5

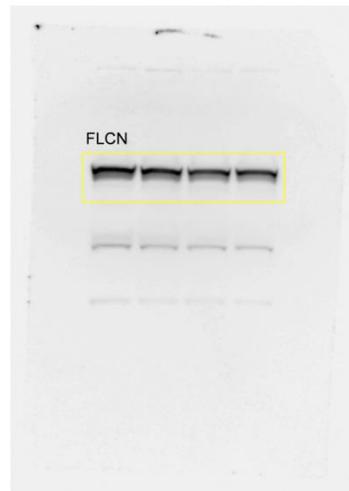


Full edited gel for Figure 5A-β-Actin

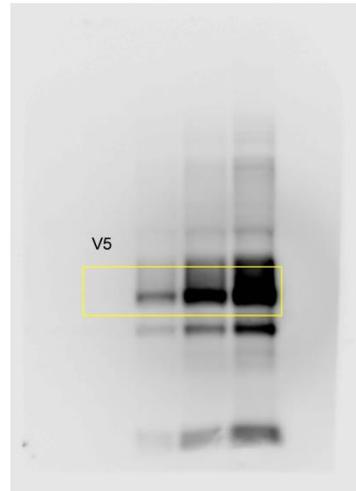


5C

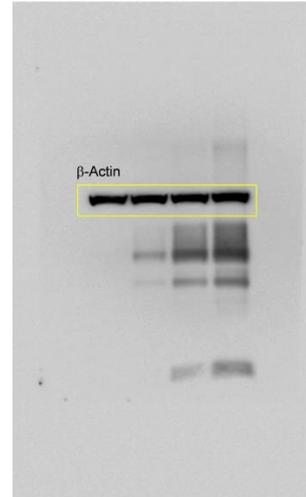
Full edited gel for Figure 5B-FBXO23-FLCN



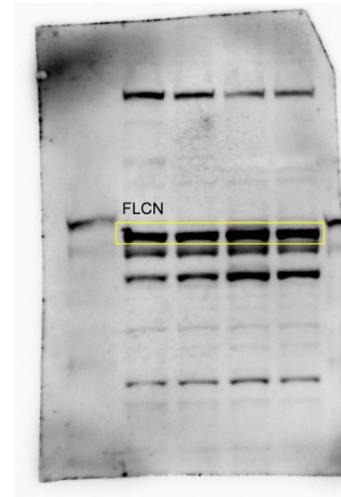
Full edited gel for Figure 5B-FBXO23-V5



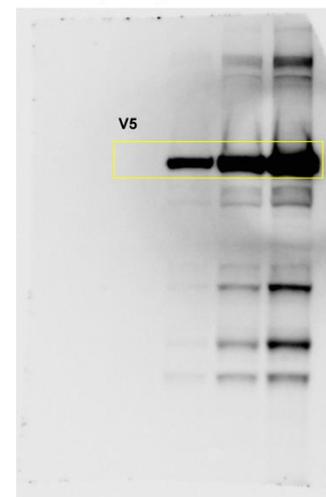
Full edited gel for Figure 5B-FBXO23-β-Actin



Full edited gel for Figure 5B-FBXO41-FLCN



Full edited gel for Figure 5B-FBXO41-V5

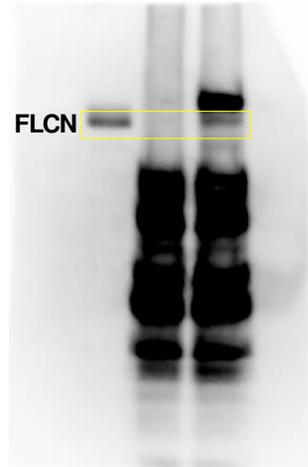


Full edited gel for Figure 5B-FBXO41-β-Actin

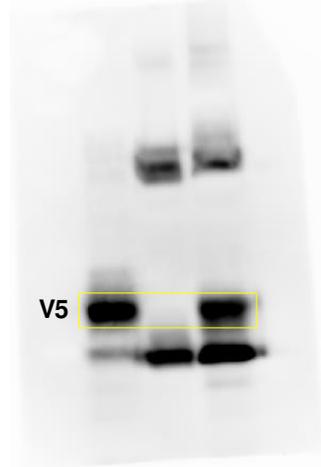


5E

Full edited gel for Figure 5E-o23 IP-FLCN



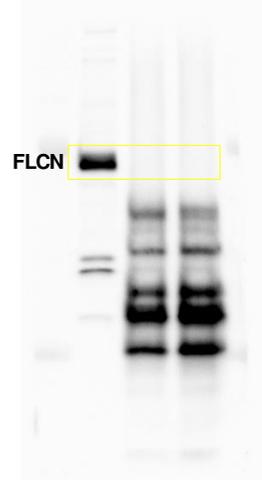
Full edited gel for Figure 5E-o23 IP-V5



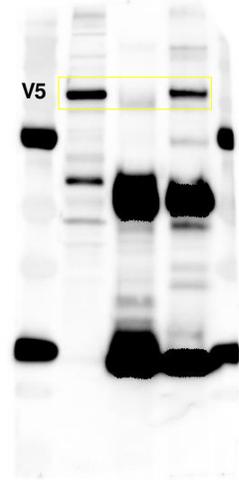
Full edited gel for Figure 5E-o23 IP-GAPDH



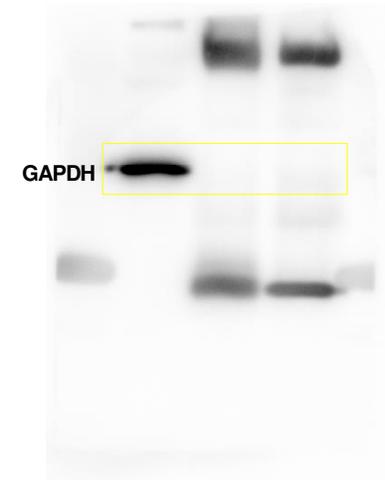
Full edited gel for Figure 5E-o41 IP-FLCN



Full edited gel for Figure 5E-o41 IP-V5

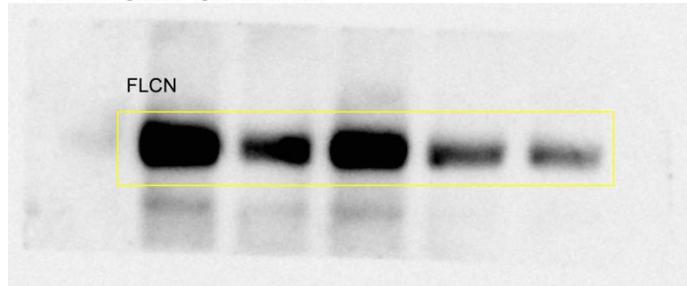


Full edited gel for Figure 5E-o41 IP-GAPDH

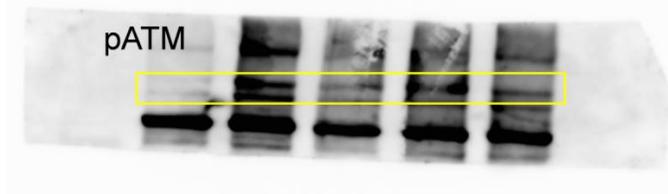


6A

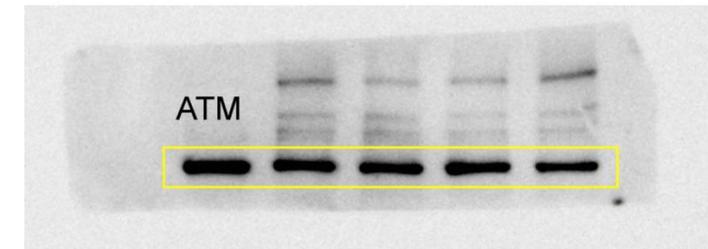
Full edited gel for Figure 6A-FLCN



Full edited gel for Figure 6A-pATM

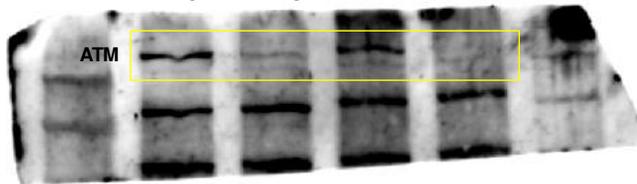


Full edited gel for Figure 6A-ATM

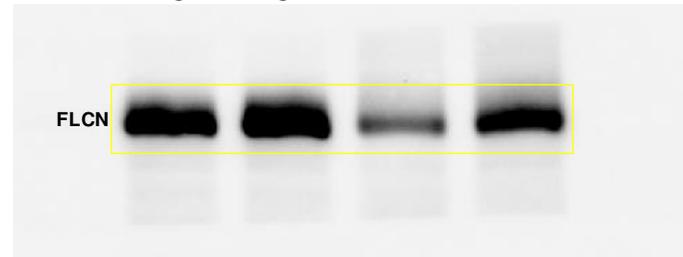


6B

Full edited gel for Figure 6B-ATM



Full edited gel for Figure 6B-FLCN

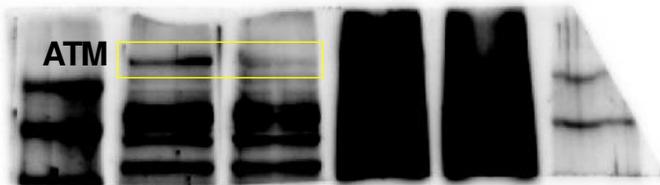


Full edited gel for Figure 6B-β-Actin

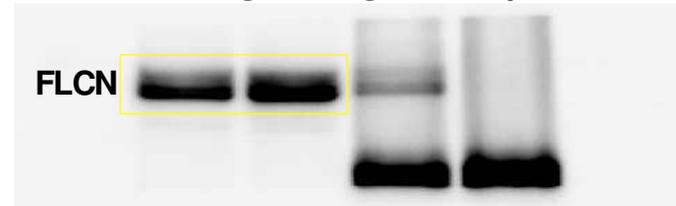


6C

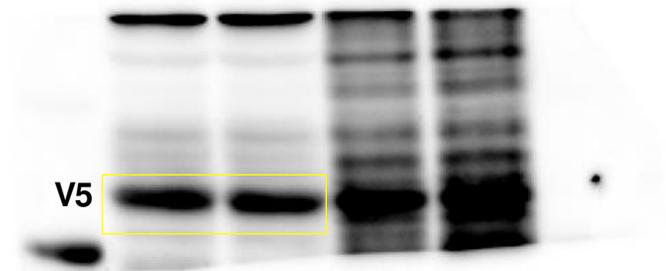
Full edited gel for Figure 6C-Input-ATM



Full edited gel for Figure 6C-Input-FLCN

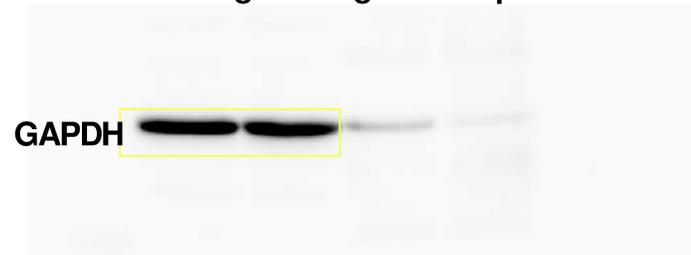


Full edited gel for Figure 6C-Input-V5

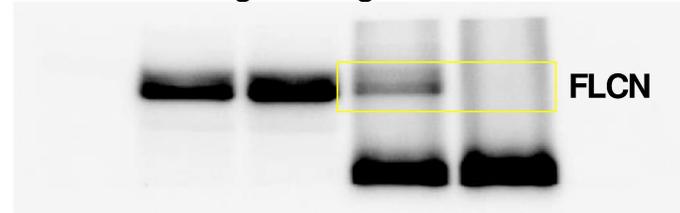


6C

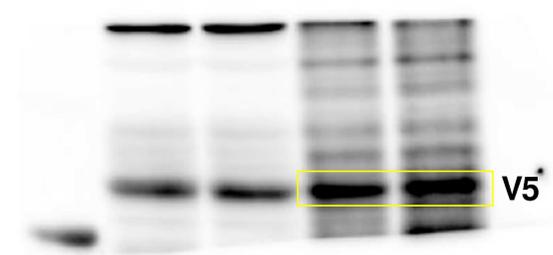
Full edited gel for Figure 6C-Input-GAPDH



Full edited gel for Figure 6C-IP-FLCN

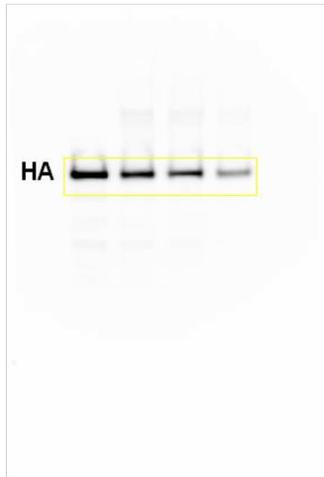


Full edited gel for Figure 6C-IP-V5



6D

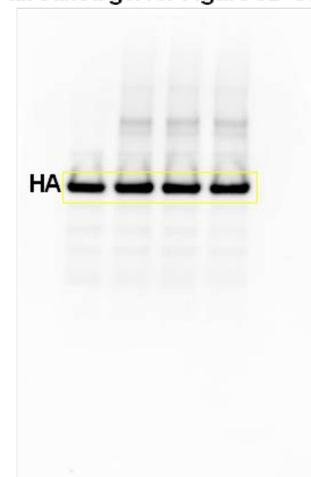
Full edited gel for Figure 6D-WT-HA



Full edited gel for Figure 6D-WT-β-Actin



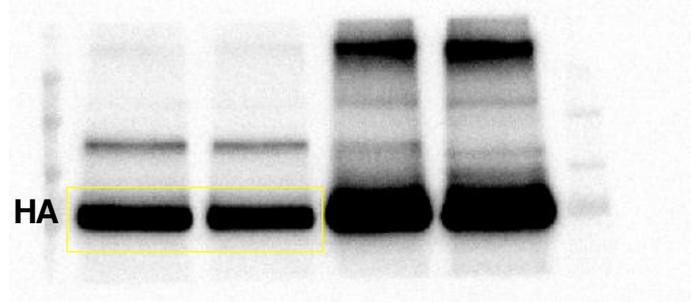
Full edited gel for Figure 6D-S62A-HA



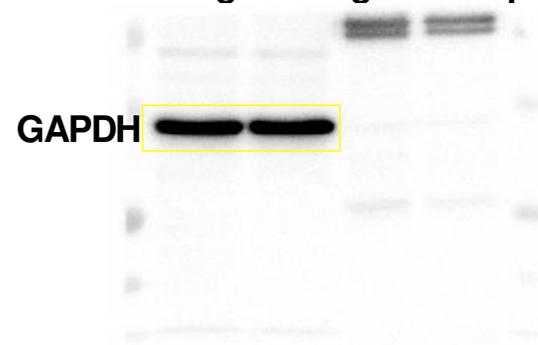
Full edited gel for Figure 6D-S62A-β-Actin



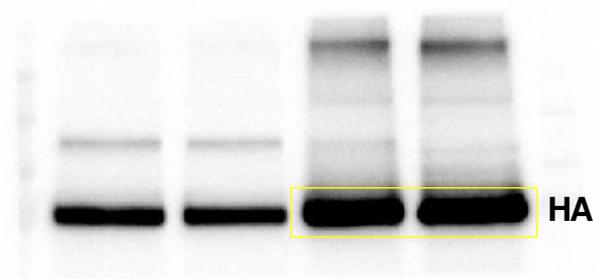
6F Full edited gel for Figure 6F-Input-HA



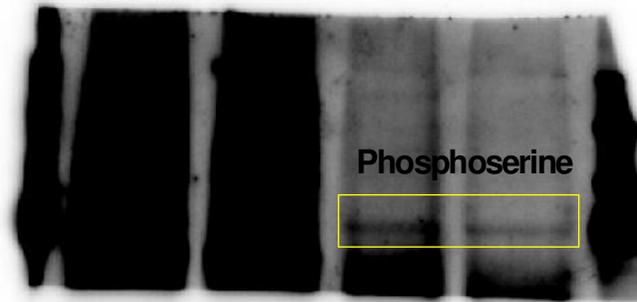
Full edited gel for Figure 6F-Input-GAPDH



Full edited gel for Figure 6F-IP-HA

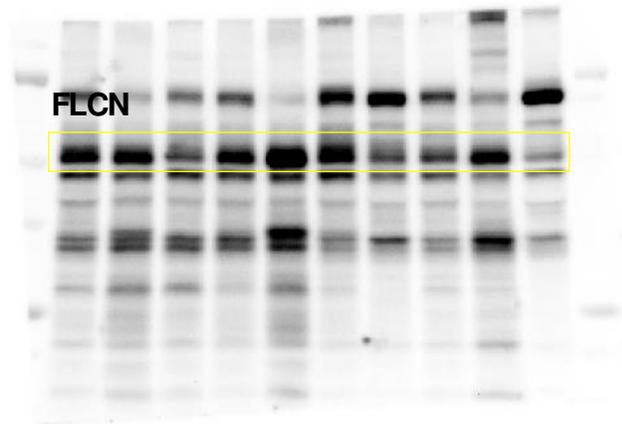


Full edited gel for Figure 6F-IP-Phosphoserine

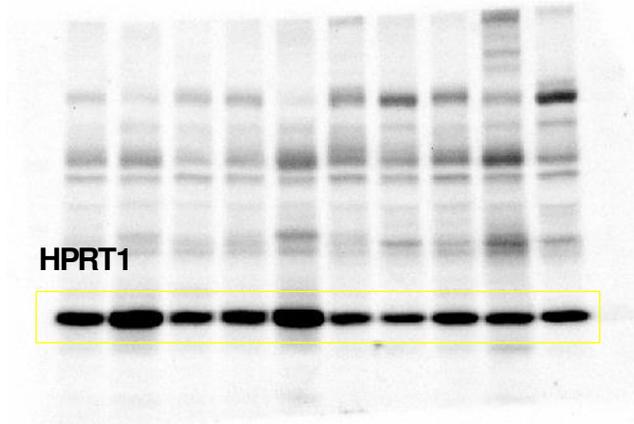


## Supplemental Figure 1

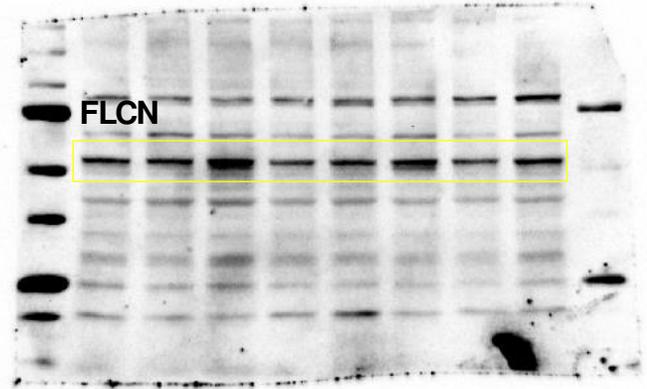
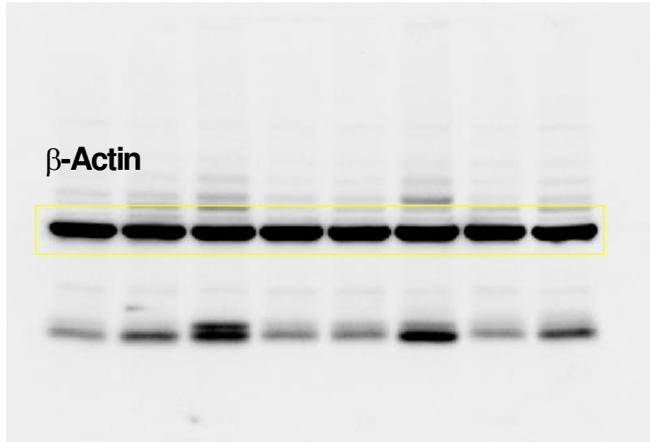
Full edited gel for Supplemental Figure 1A-FLCN



Full edited gel for Supplemental Figure 1A-HPRT1

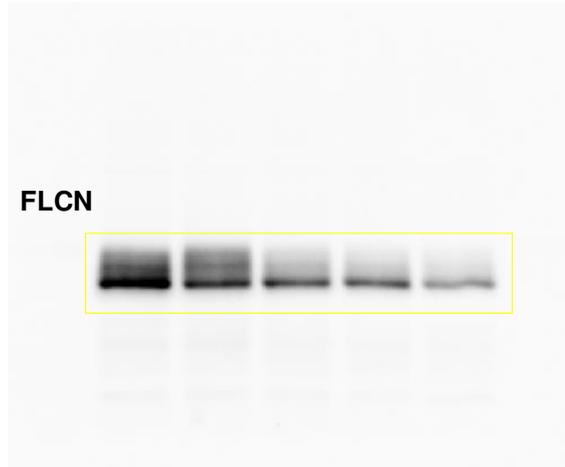


Full edited gel for Supplemental Figure 1C-FLCN

Full edited gel for Supplemental Figure 1C- $\beta$ -Actin

## Supplemental Figure 2

Full edited gel for Supplemental Figure 2A-FLCN

Full edited gel for Supplemental Figure 2A- $\alpha$ -Tubulin