Electronic Supplementary Material (ESI) for Biomaterials Science. This journal is © The Royal Society of Chemistry 2023

# Raw western blot images

The corresponding blots used in the manuscript were circled with red or black rectangles

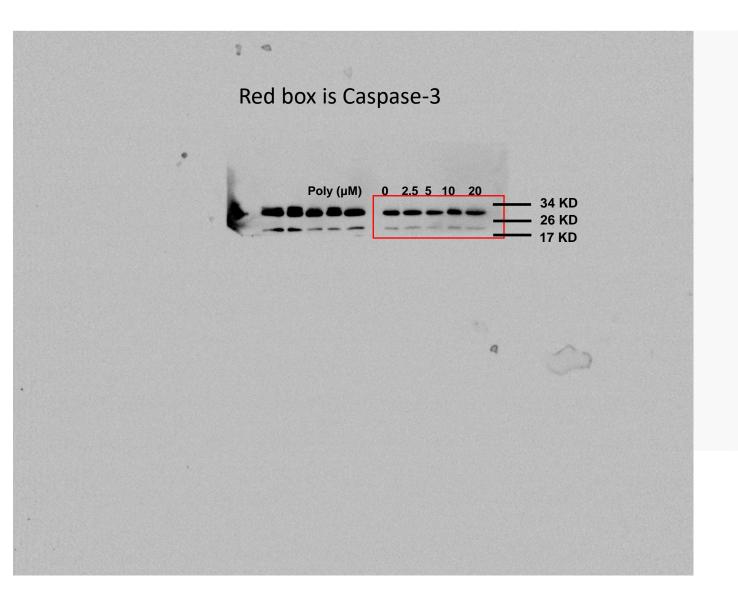
# Figure 3F

The red box is targeted PARP





Figure 3G



Red box is  $\beta$ -actin

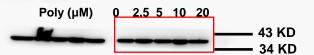
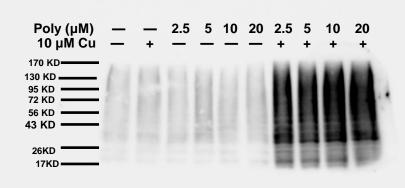
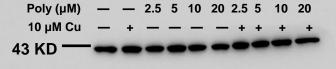


Figure 4A

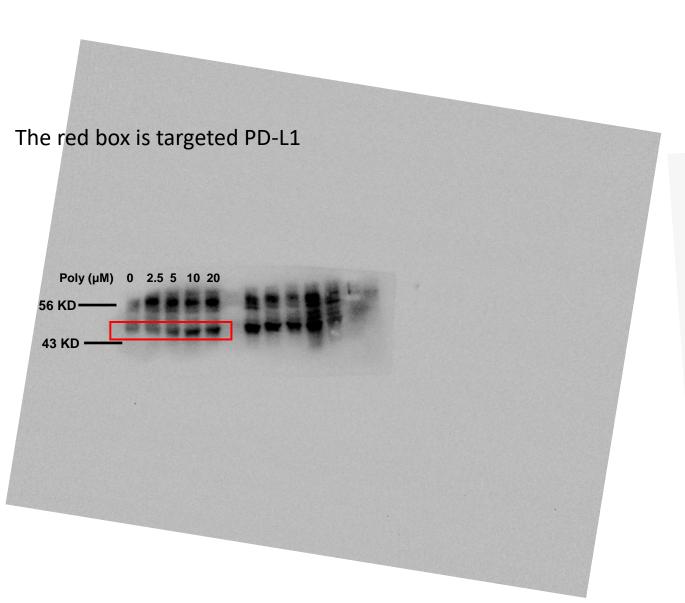


**Poly-ubiquitin** 



**β-actin** 

Figure 4F

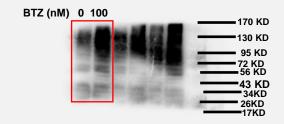


The red box is targeted  $\beta$ -actin

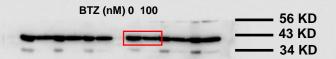


Figure 4G

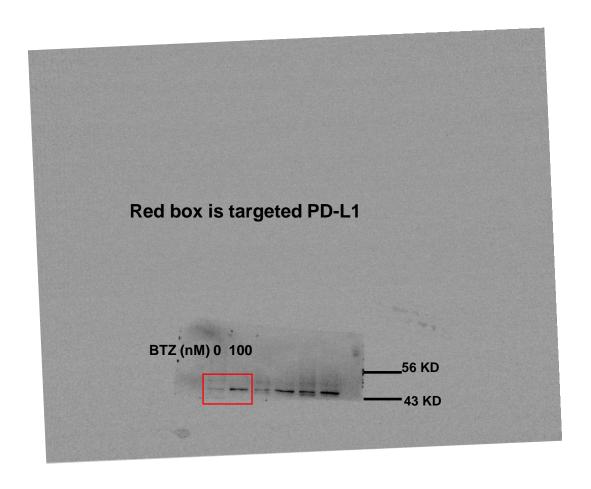
### Red box is targeted Poly-ubiquitin



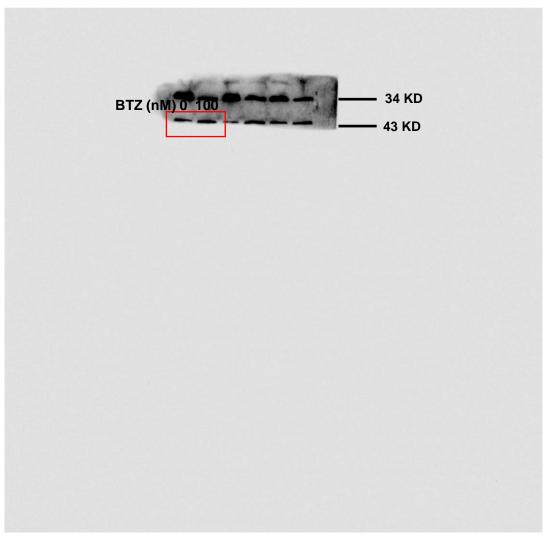
### Red box is targeted $\beta$ -actin



# Figure 4H

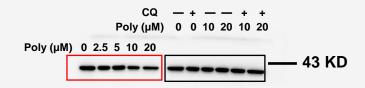


## Red box is targeted $\beta$ -actin

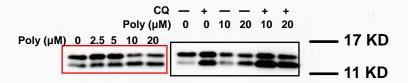


## Figure 5B and 5E

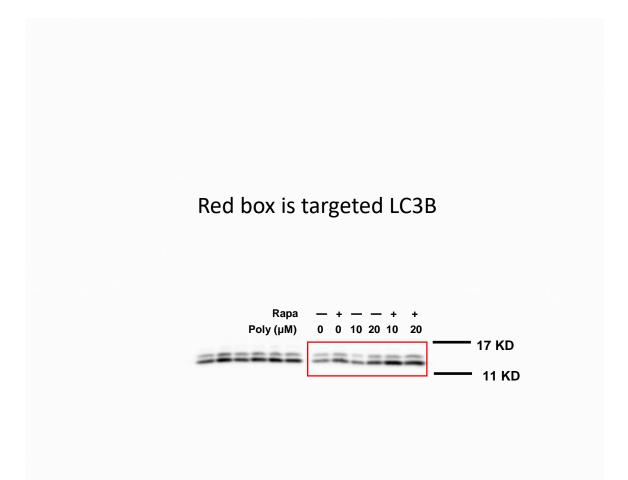
Red box is Figure 5B  $\beta$ -actin Black box is Figure 5E  $\beta$ -actin



Red box is Figure 5B LC3B Black box is Figure 5E LC3B



# Figure 5C



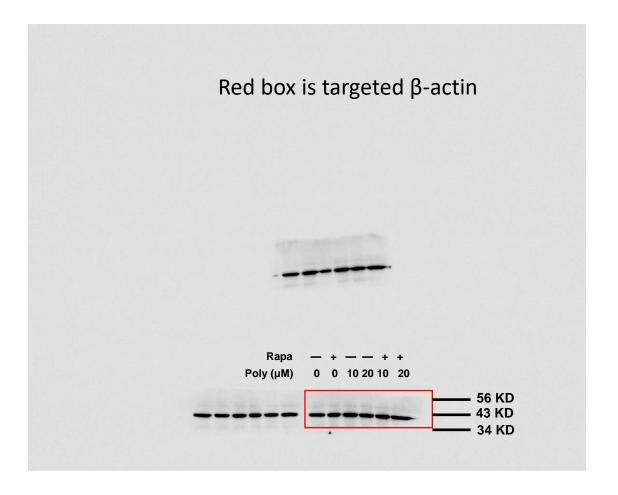
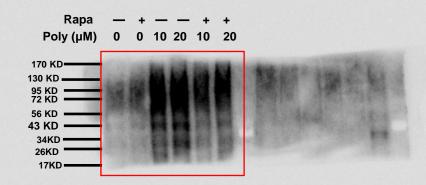
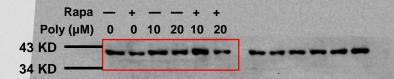


Figure 5 D

Red box is targeted Poly-ubiquitin

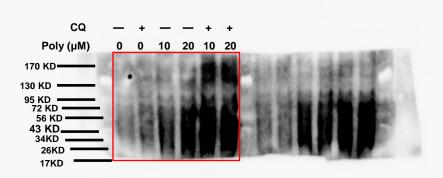


Red box is targeted β-actin



# Figure 5 F

# Red box is targeted Poly-ubiquitin



# Red box is targeted $\beta$ -actin

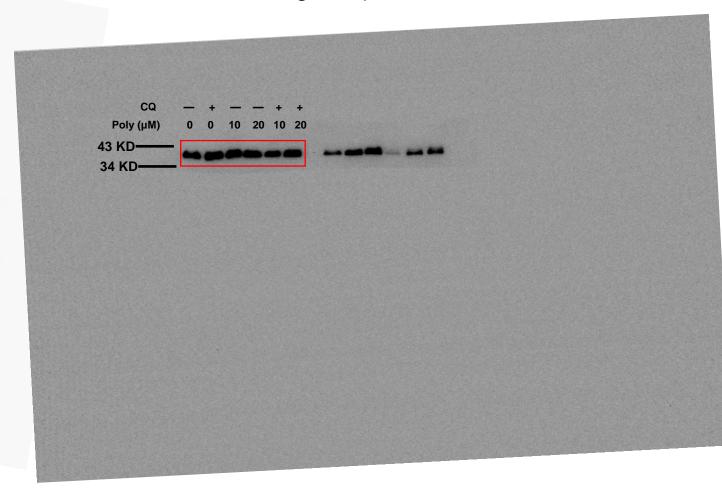
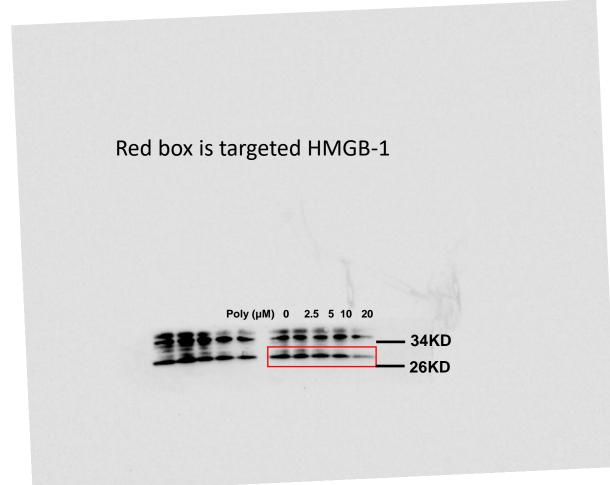


Figure 6C



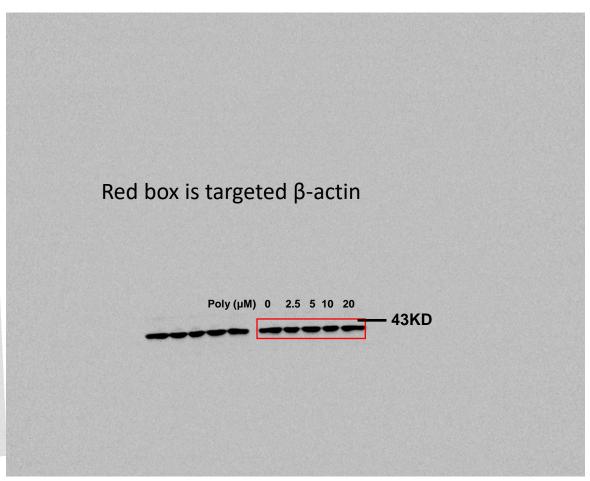


Figure 6E

