

Supporting Information

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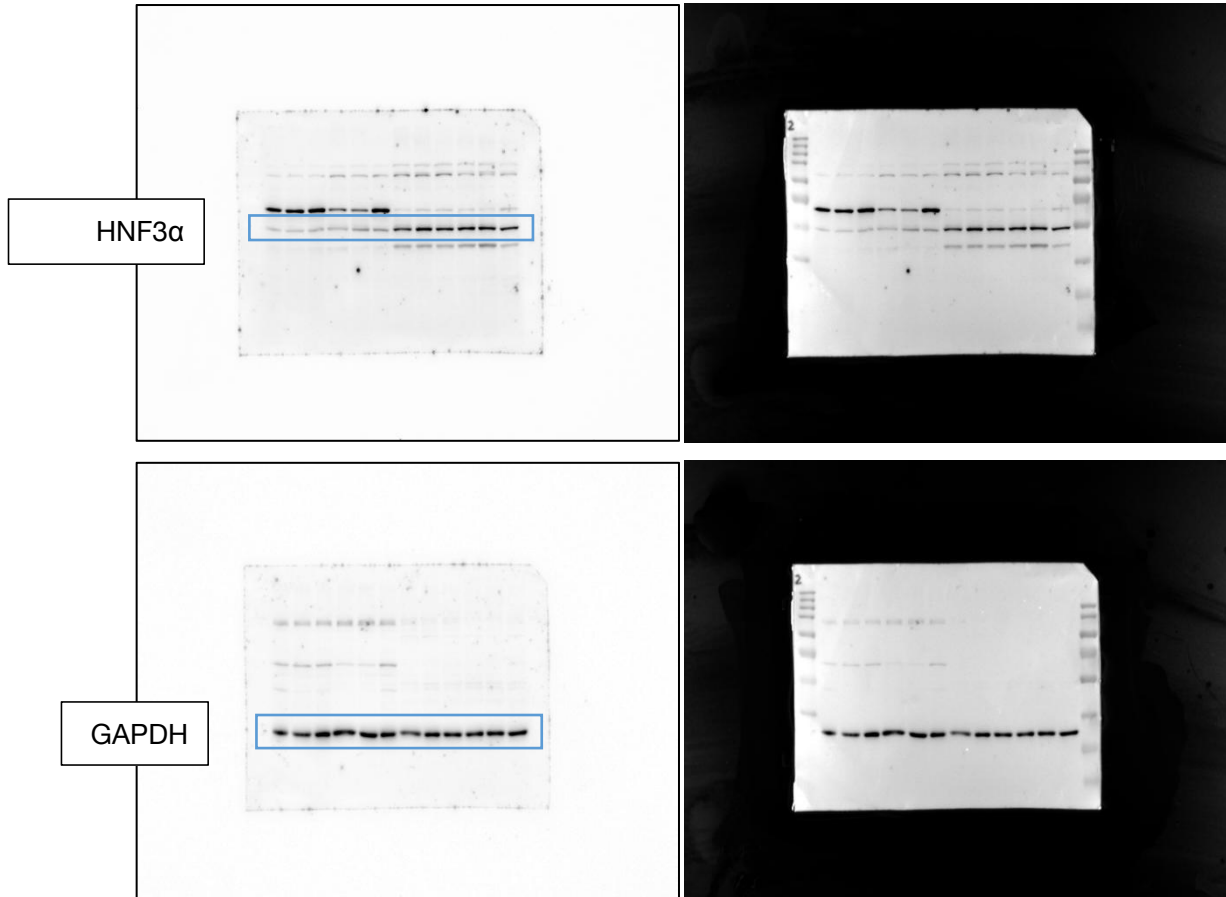
HNF3 α Targets Nckap1l and Promotes Renal Fibrosis Following Ischemia-Reperfusion Injury

Ling Hou*, Yan Guo, Shuang Xu, Mi Bai, Weidong Cao, Yue Zhang*, Zhanjun Jia* and Aihua Zhang*

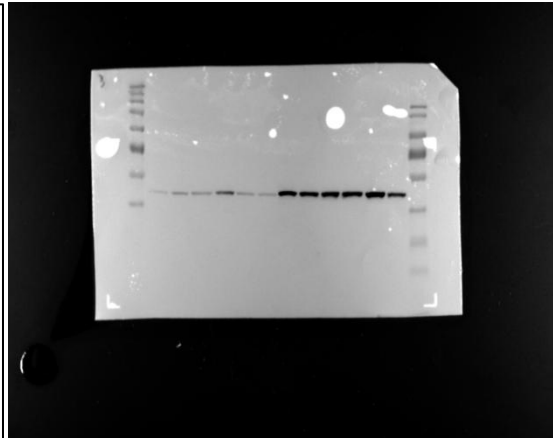
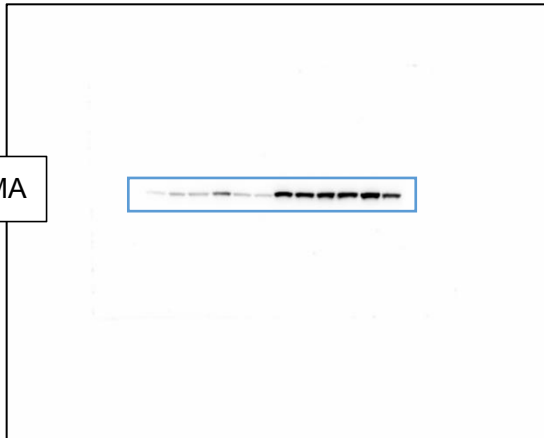
SUPPLEMENTARY INFORMATION

Figure 1d

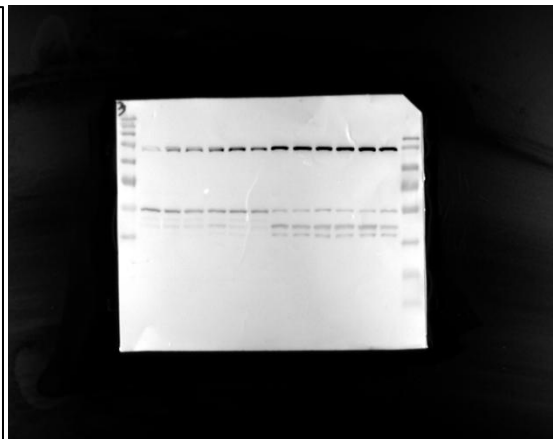
The right MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



α -SMA



Collagen I



GAPDH

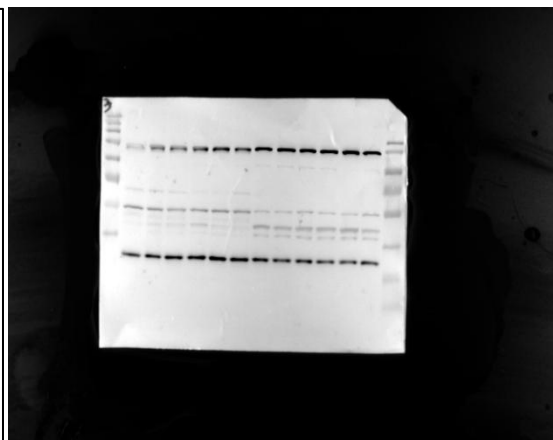
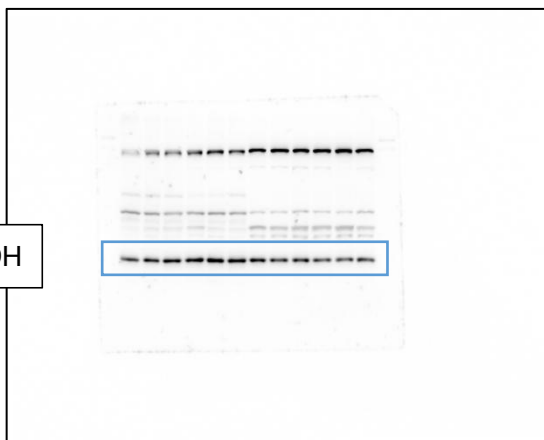
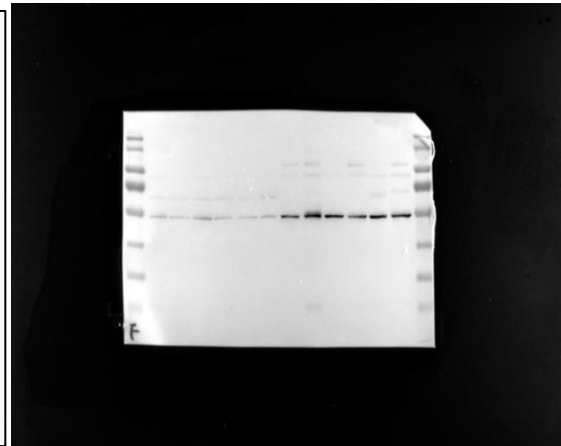


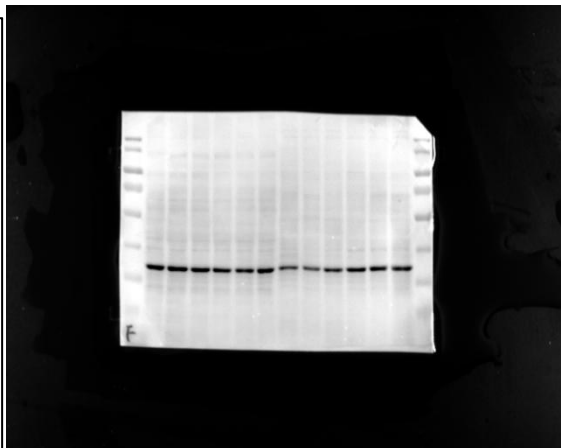
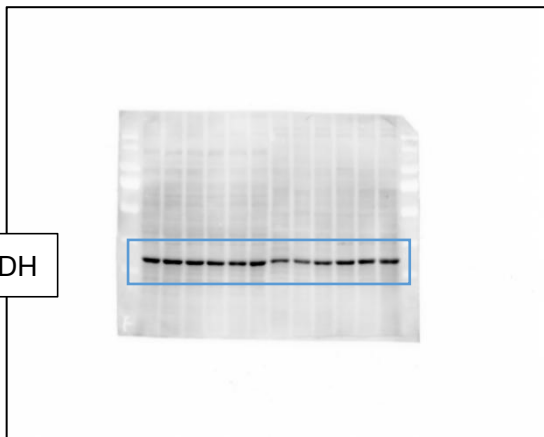
Figure 1h

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).

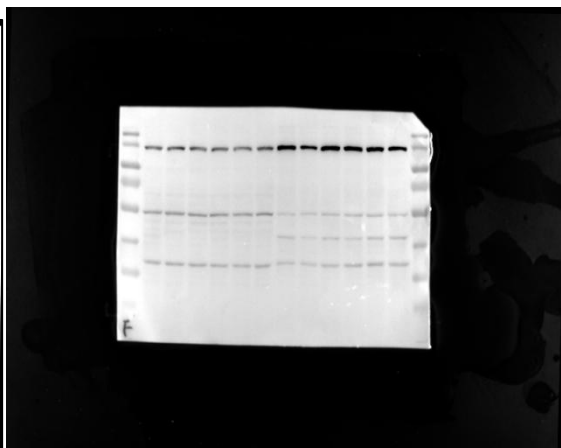
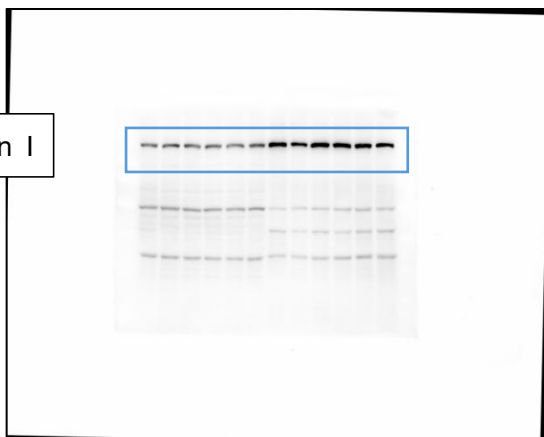
HNF3 α



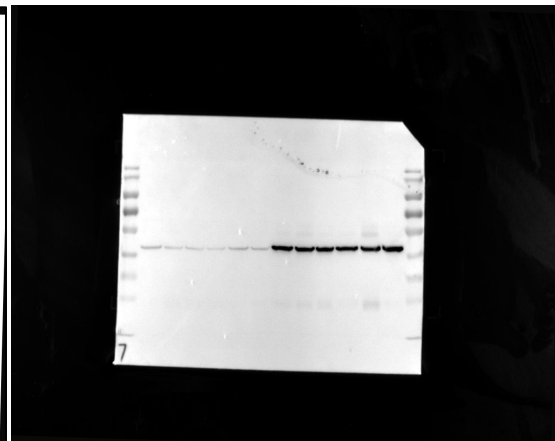
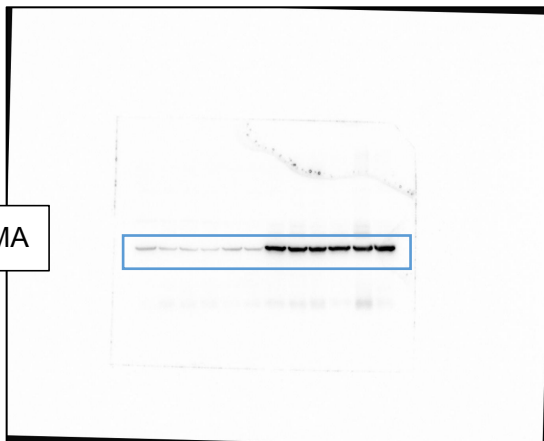
GAPDH



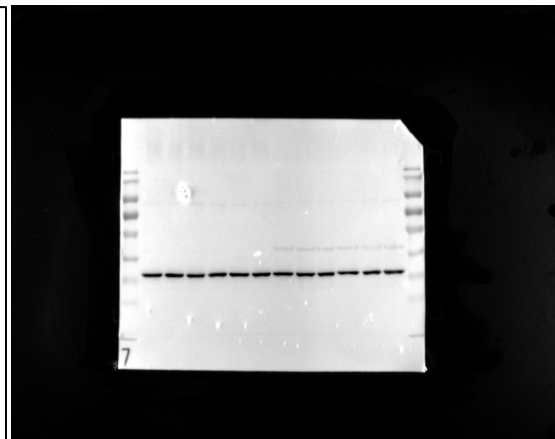
Collagen I



α -SMA



GAPDH

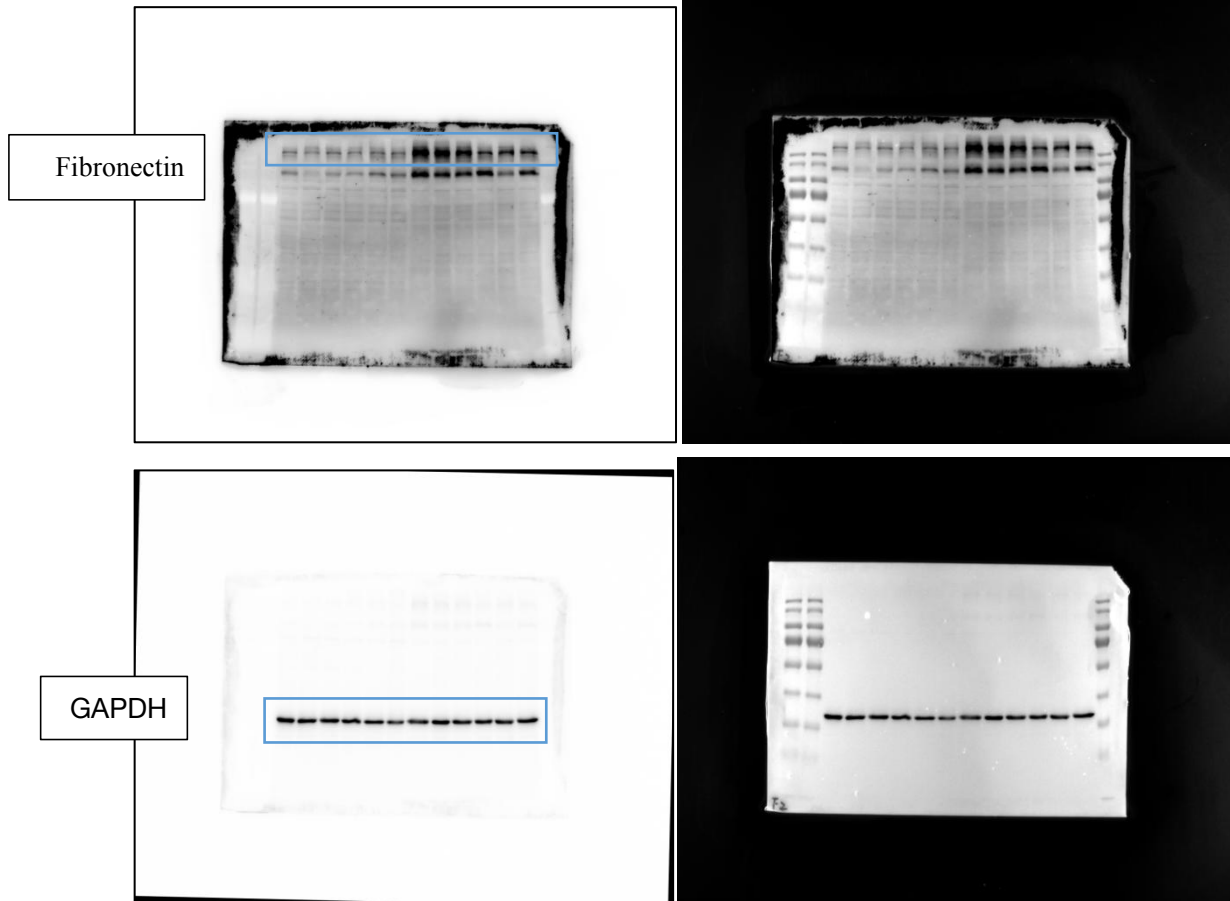


The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).

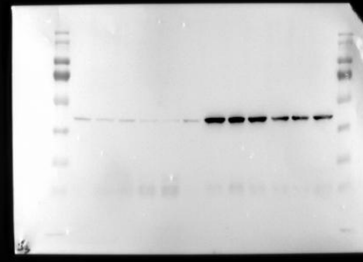
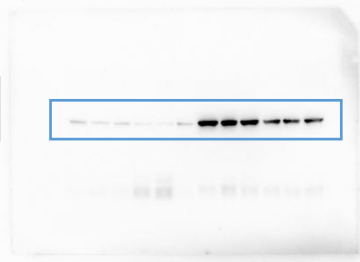


Figure 2g

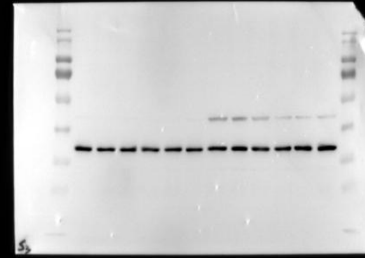
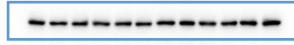
The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



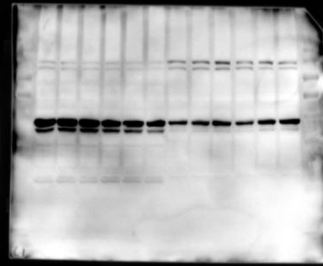
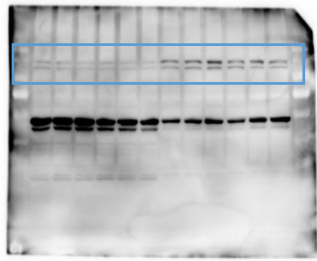
α -SMA



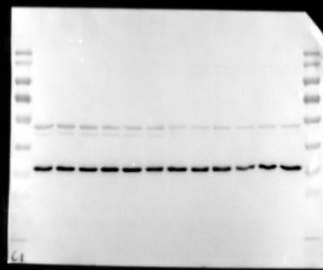
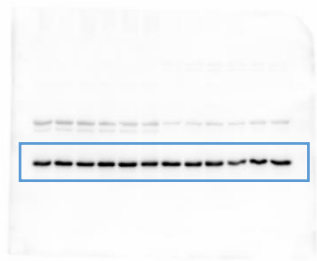
GAPDH



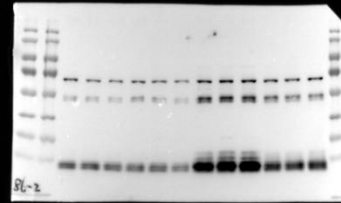
Collagen I



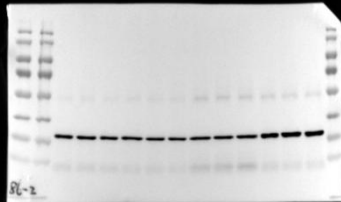
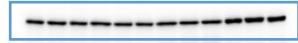
GAPDH



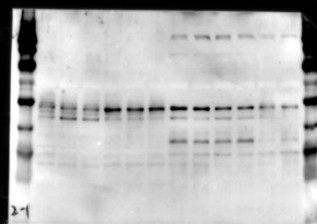
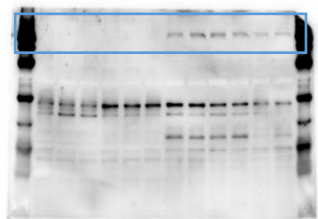
CD86



GAPDH



CD206



GAPDH

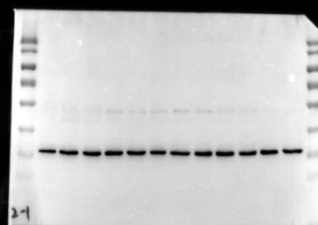
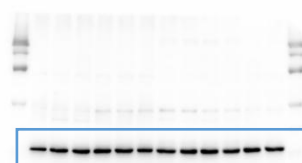
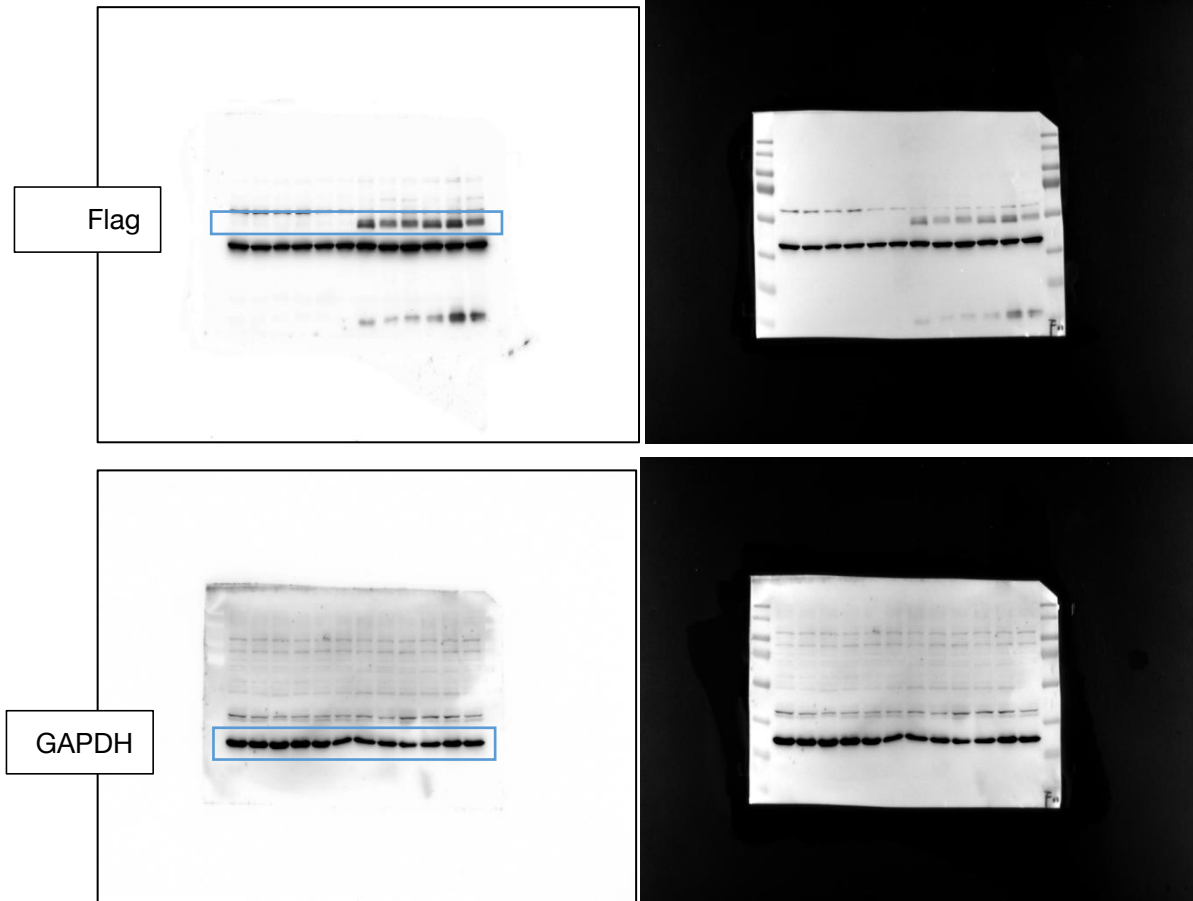
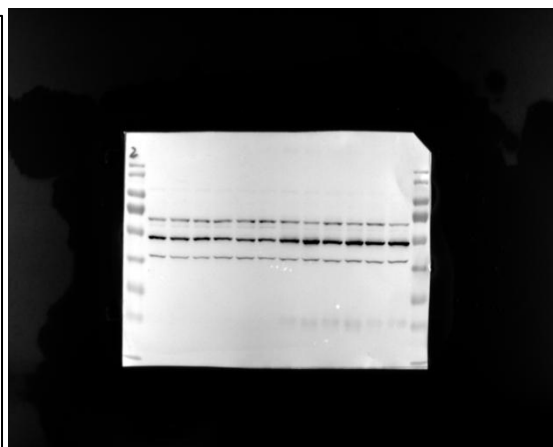
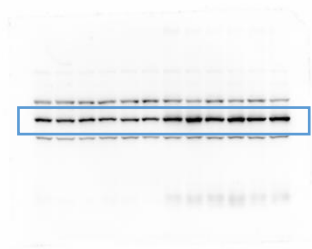


Figure 3b

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



HNF3 α



GAPDH

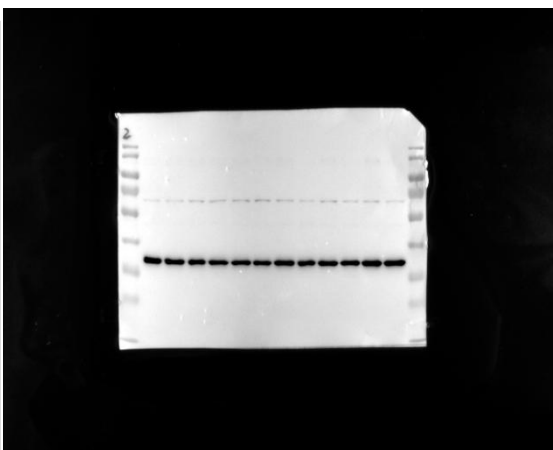
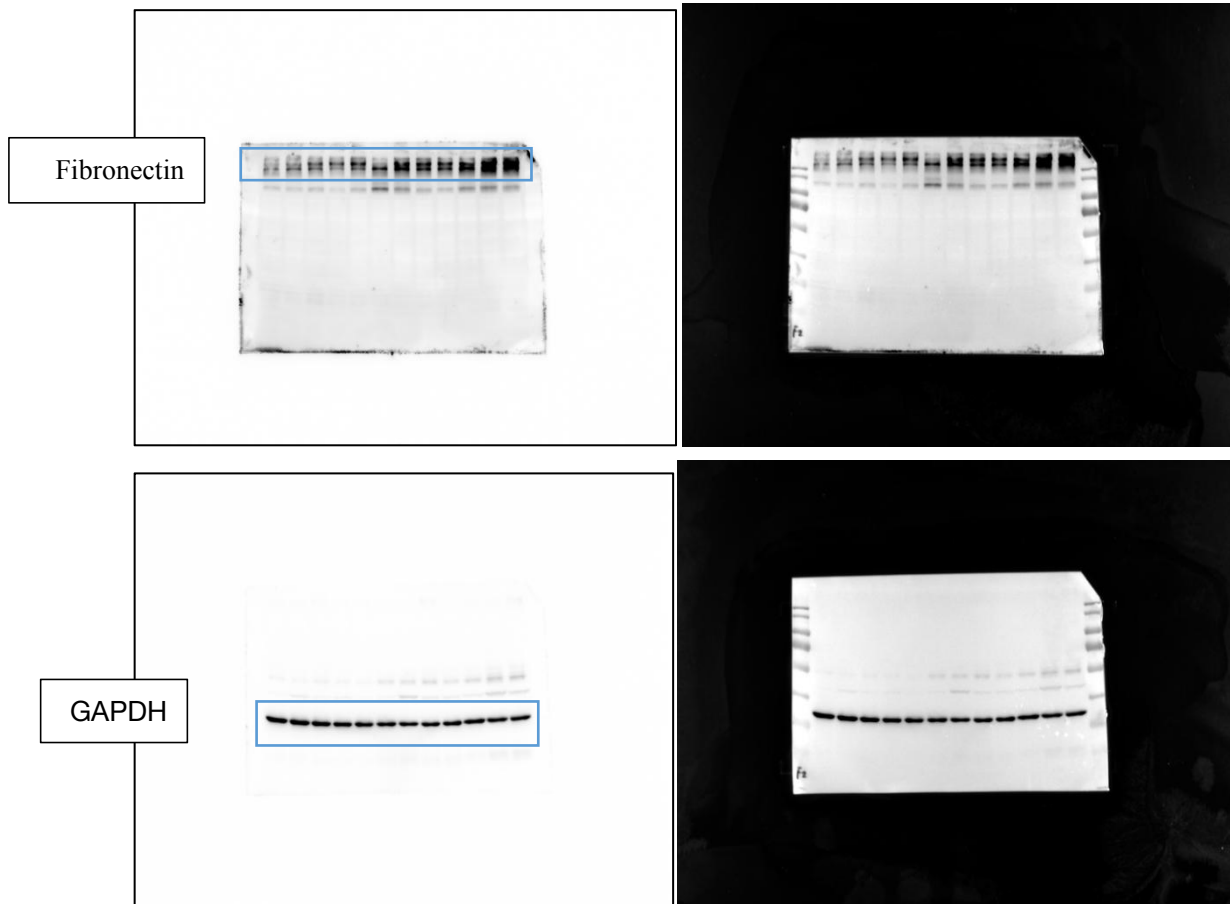
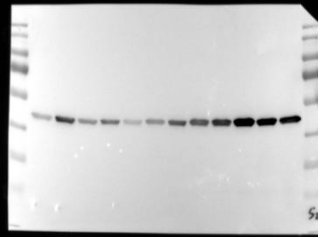


Figure 3g

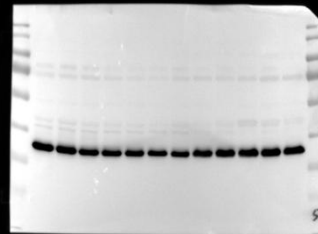
The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



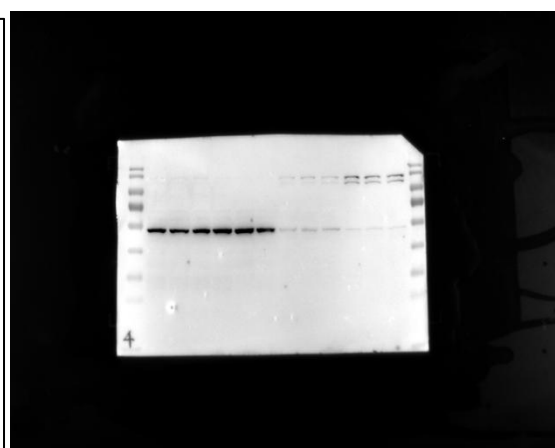
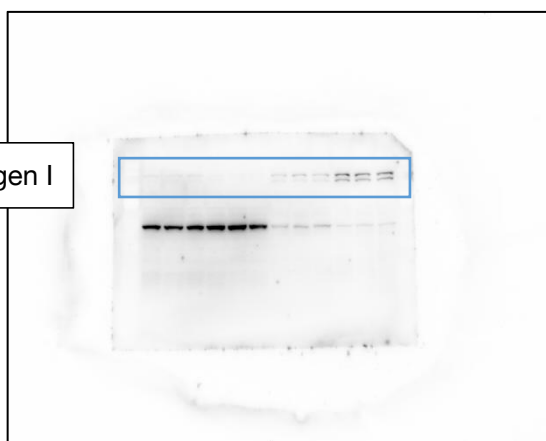
α -SMA



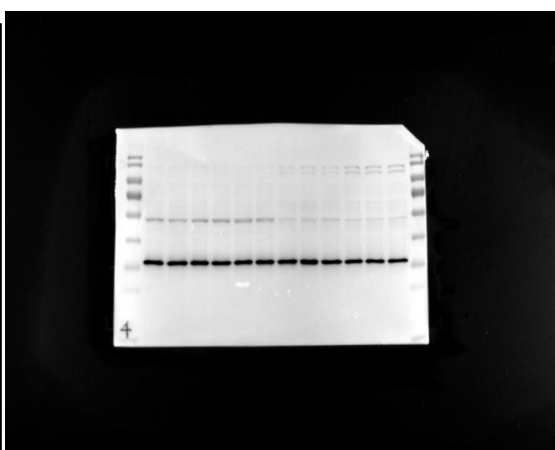
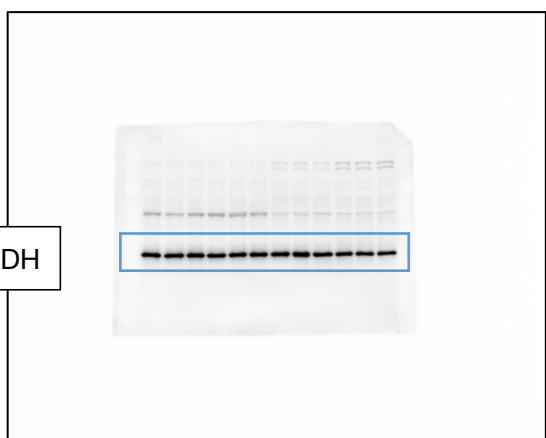
GAPDH



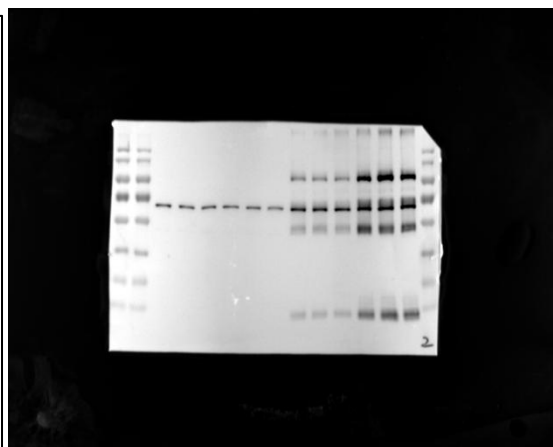
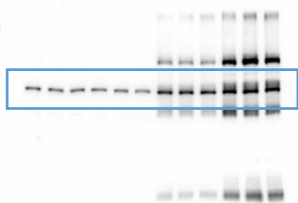
Collagen I



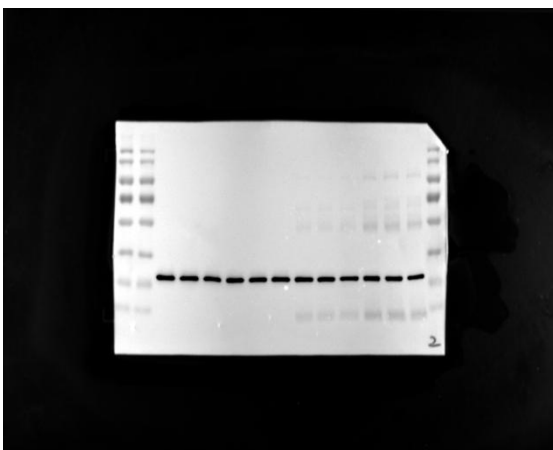
GAPDH



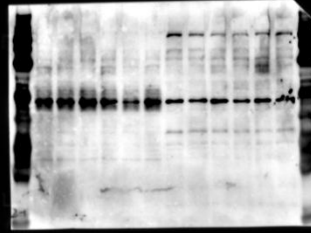
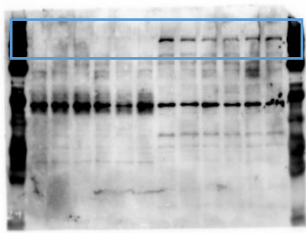
CD86



GAPDH



CD206



GAPDH

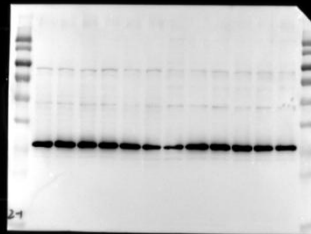
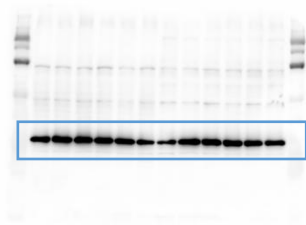


Figure 4a

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).

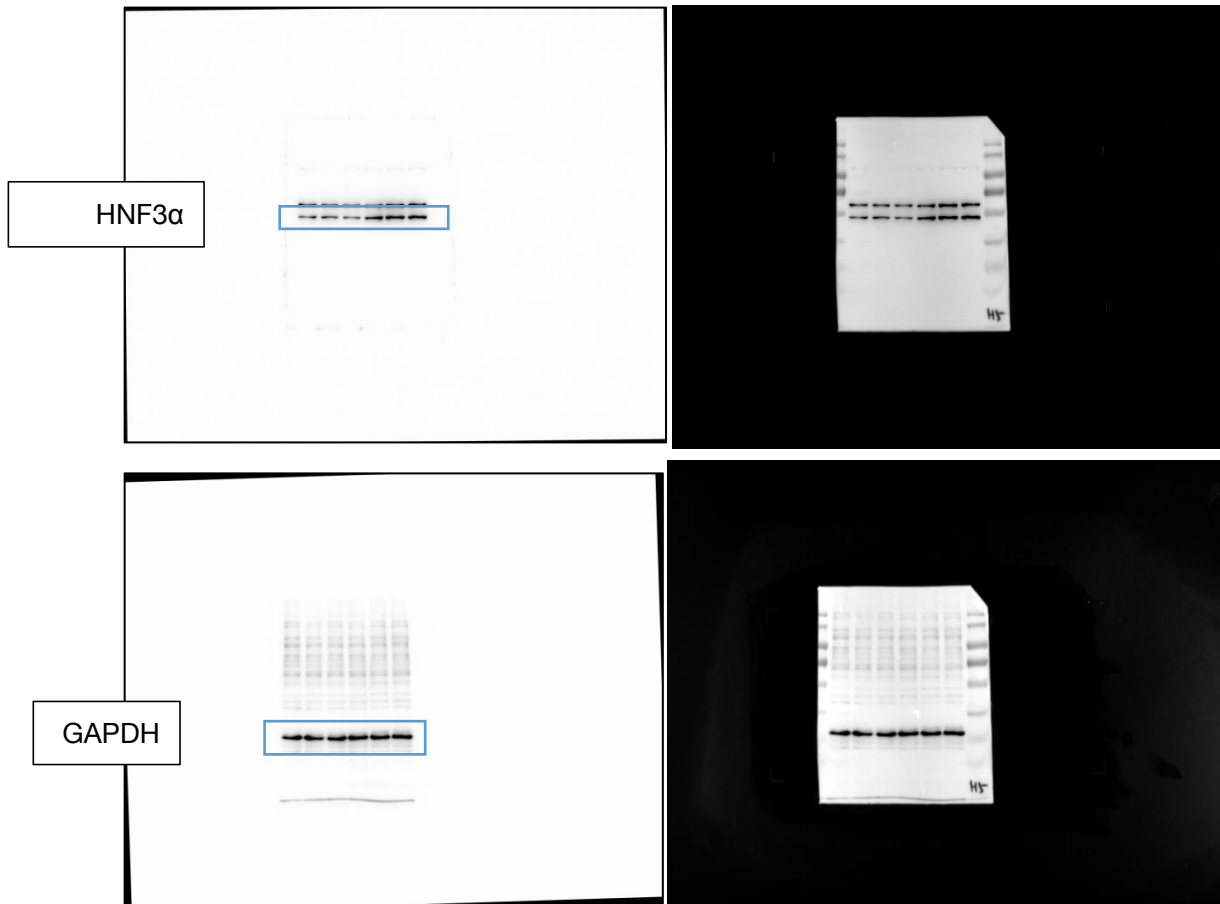


Figure 4c

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).

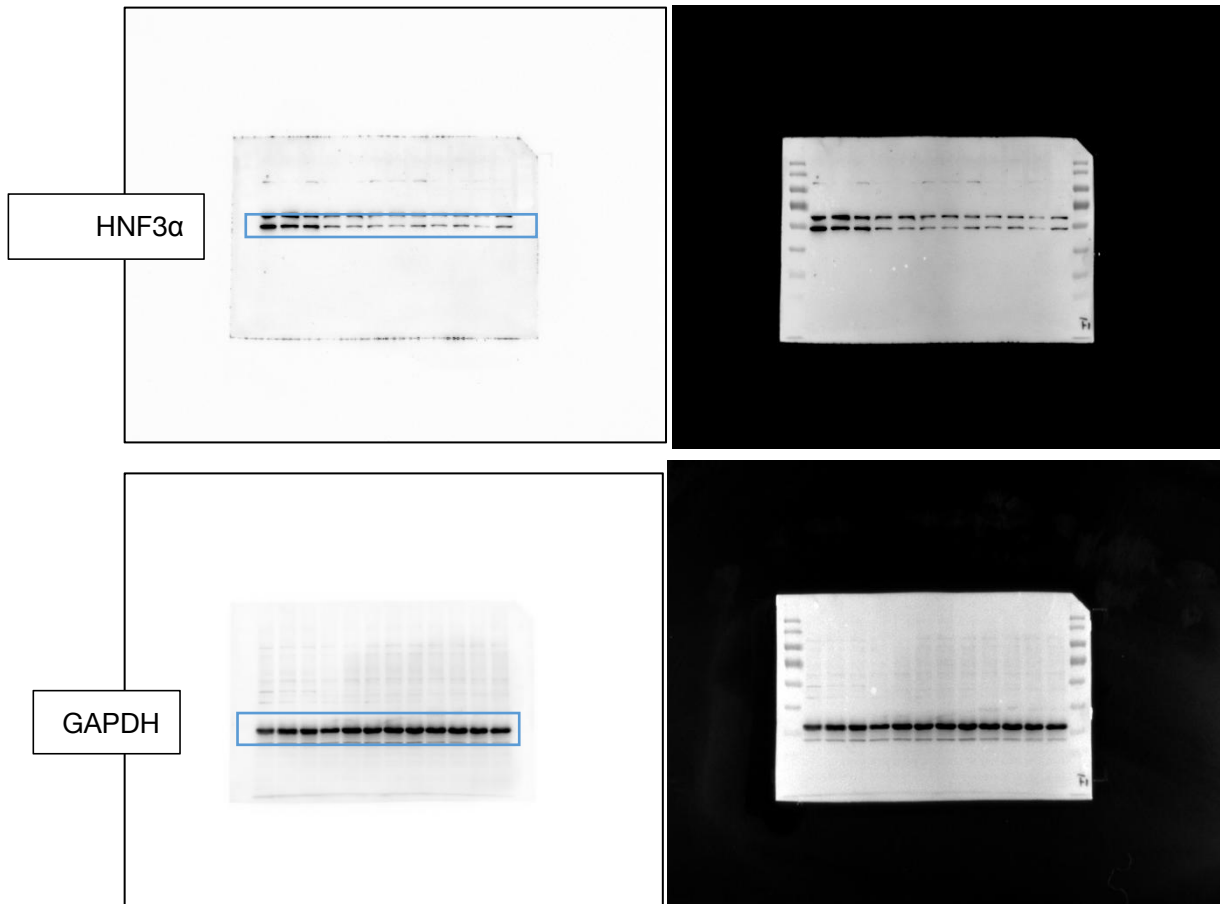
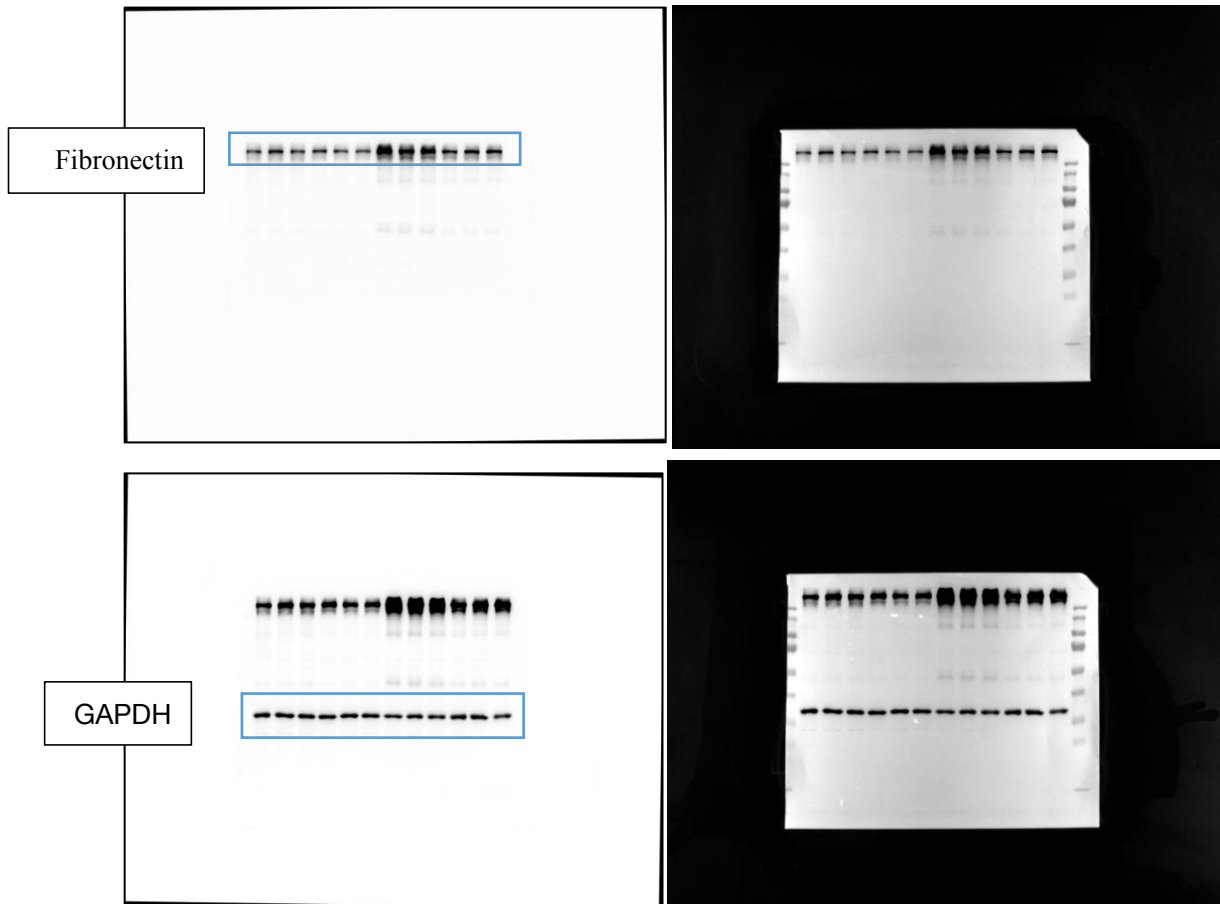
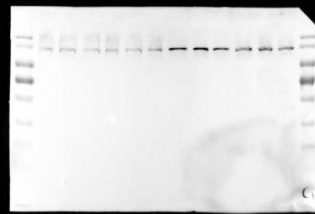
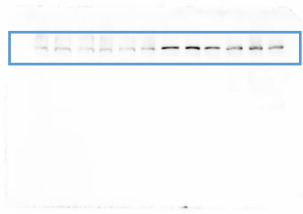


Figure 4e

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



Collagen I



GAPDH

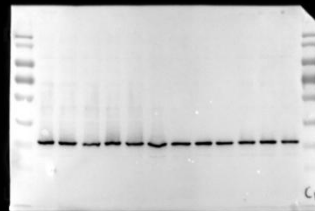
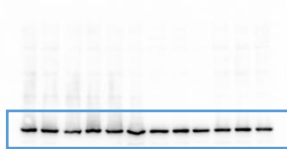
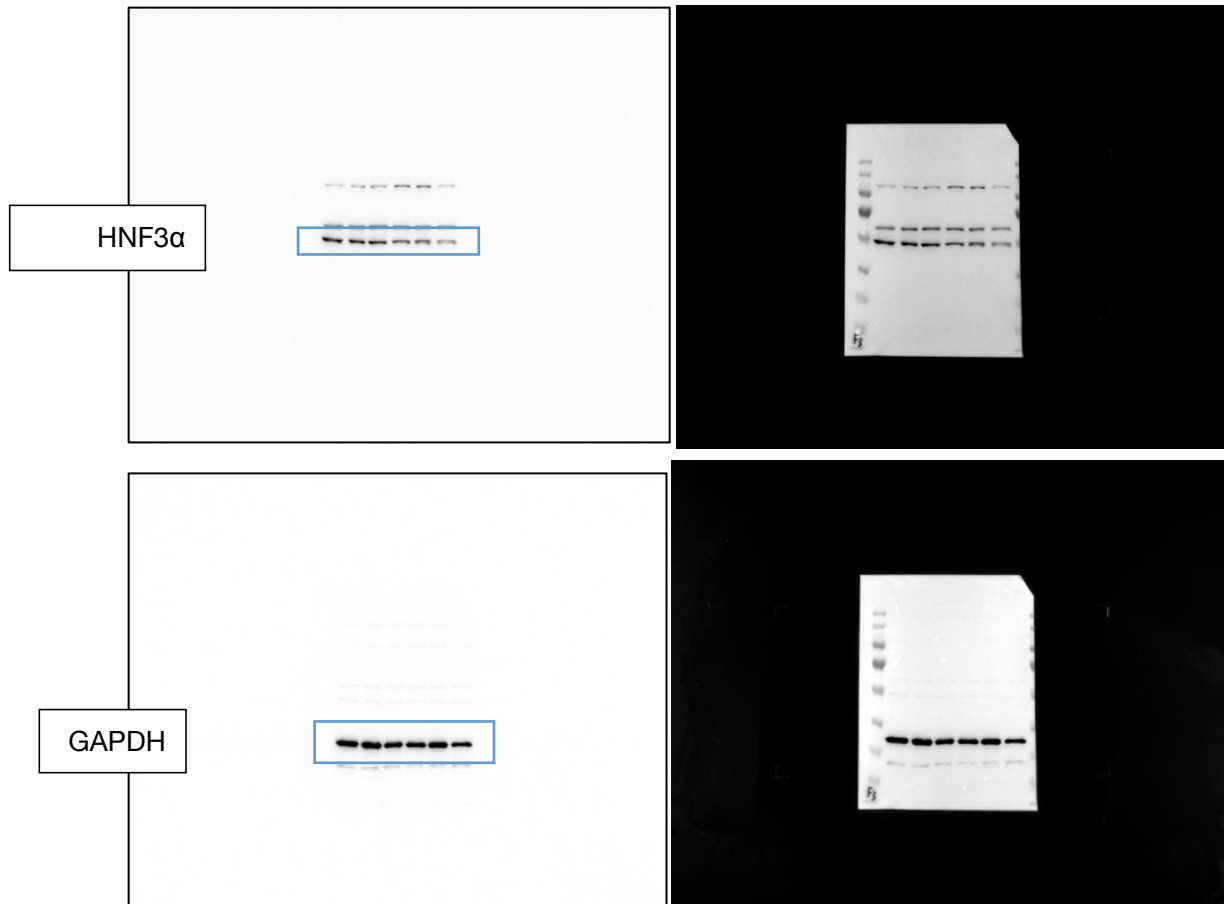
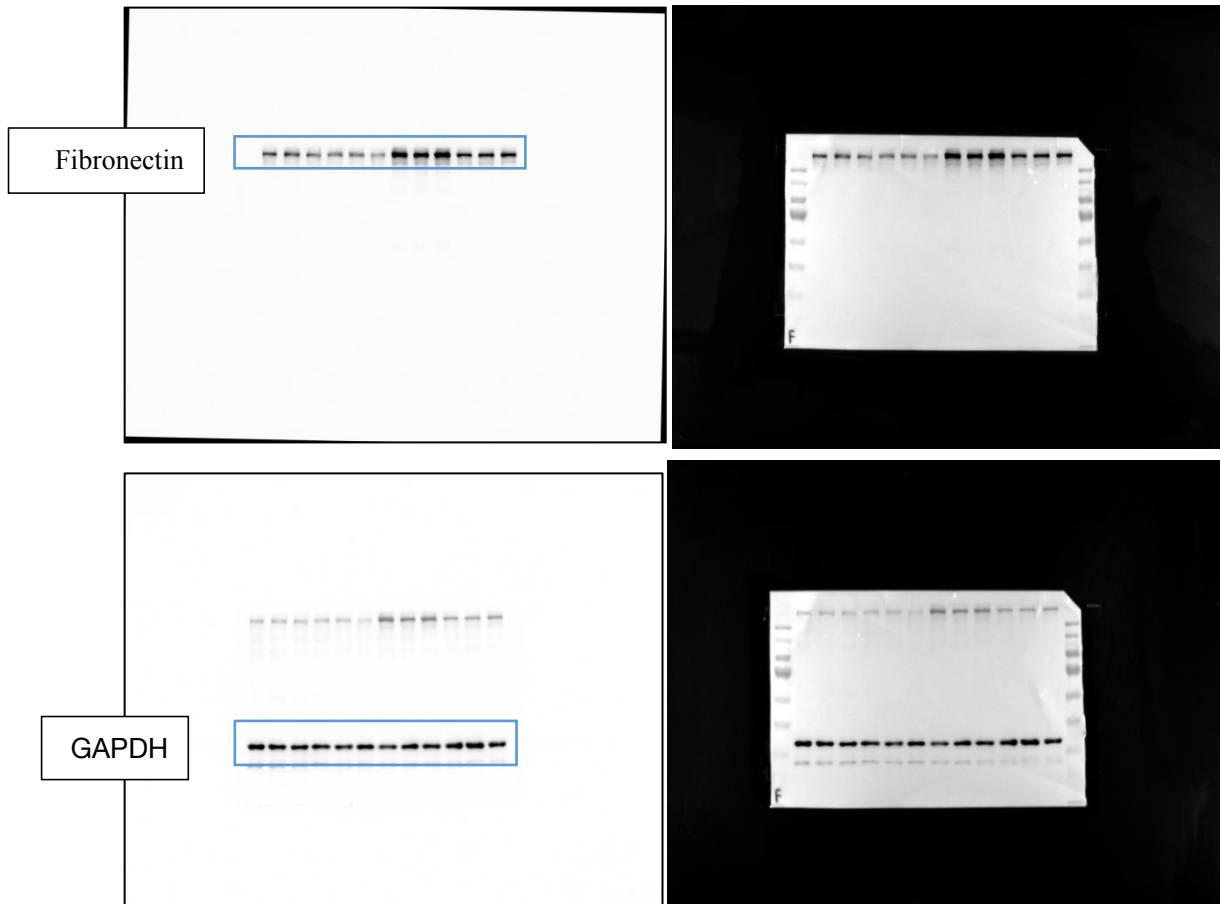


Figure 4h

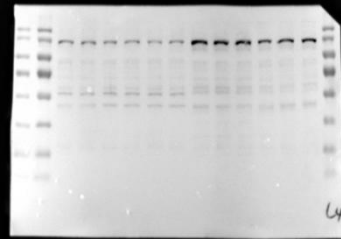
The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



Collagen I



GAPDH

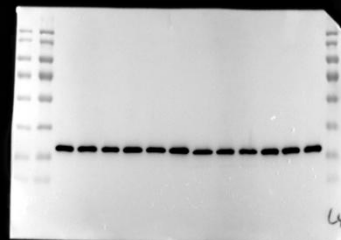
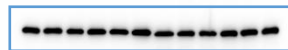
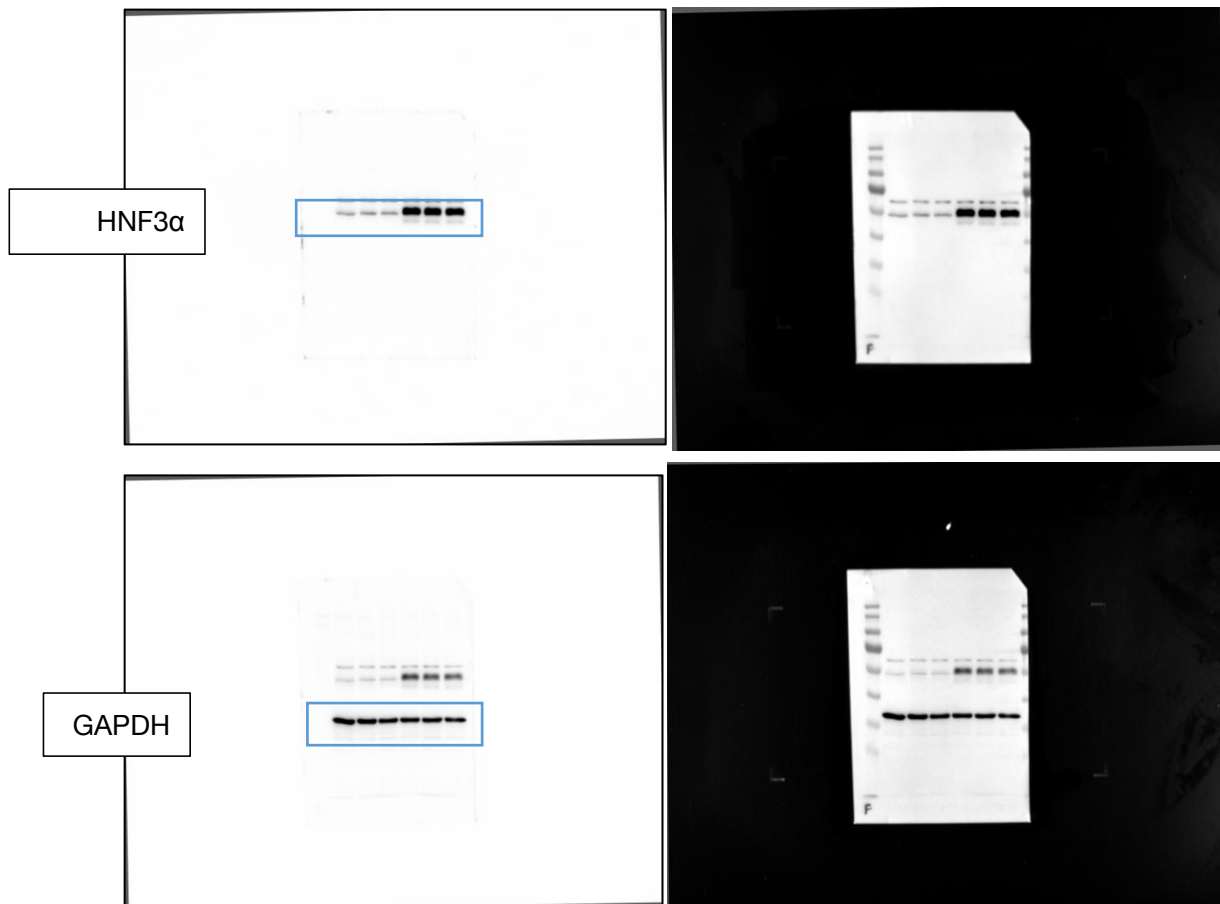


Figure 4l

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).

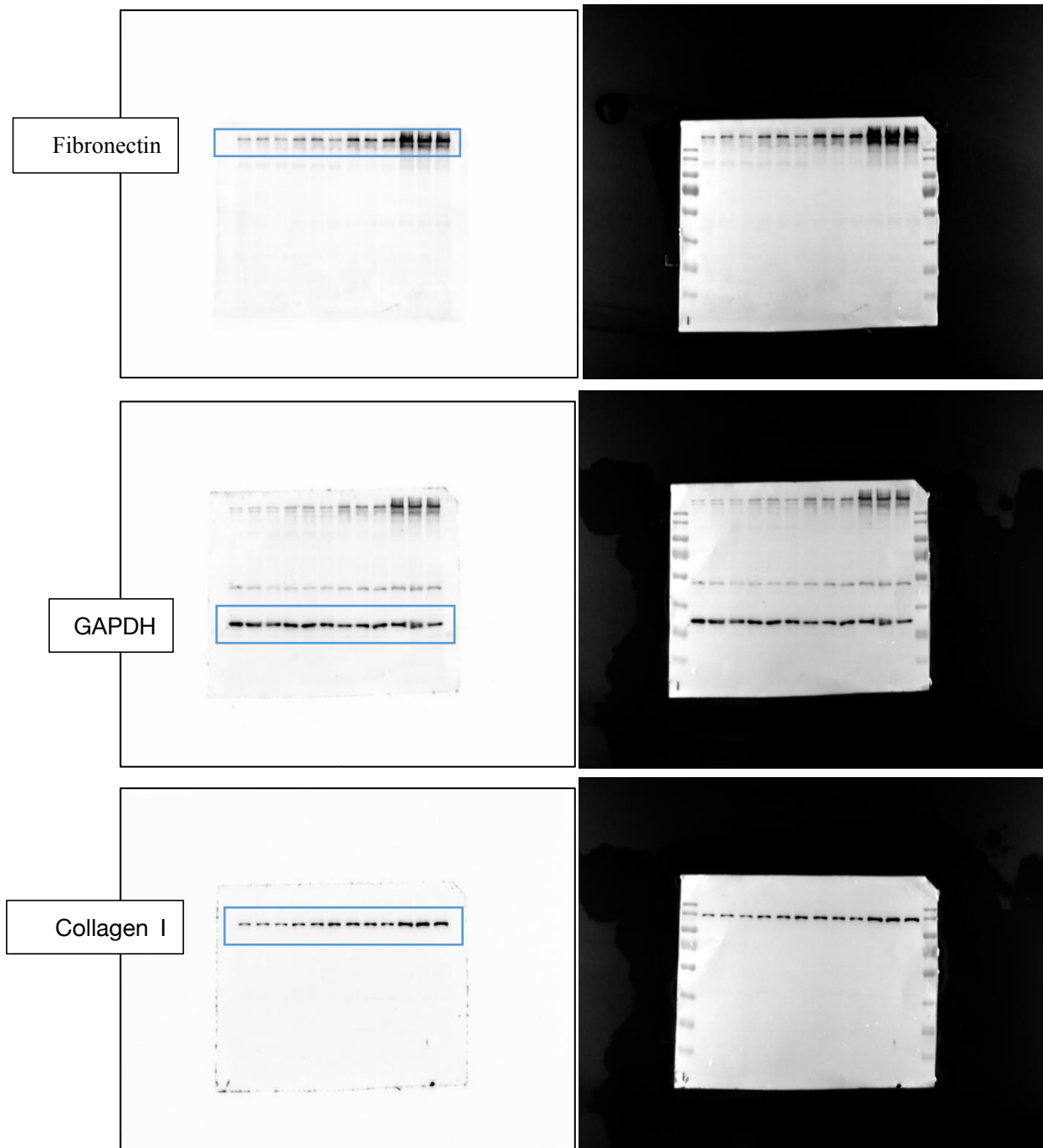


Figure 4p

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).

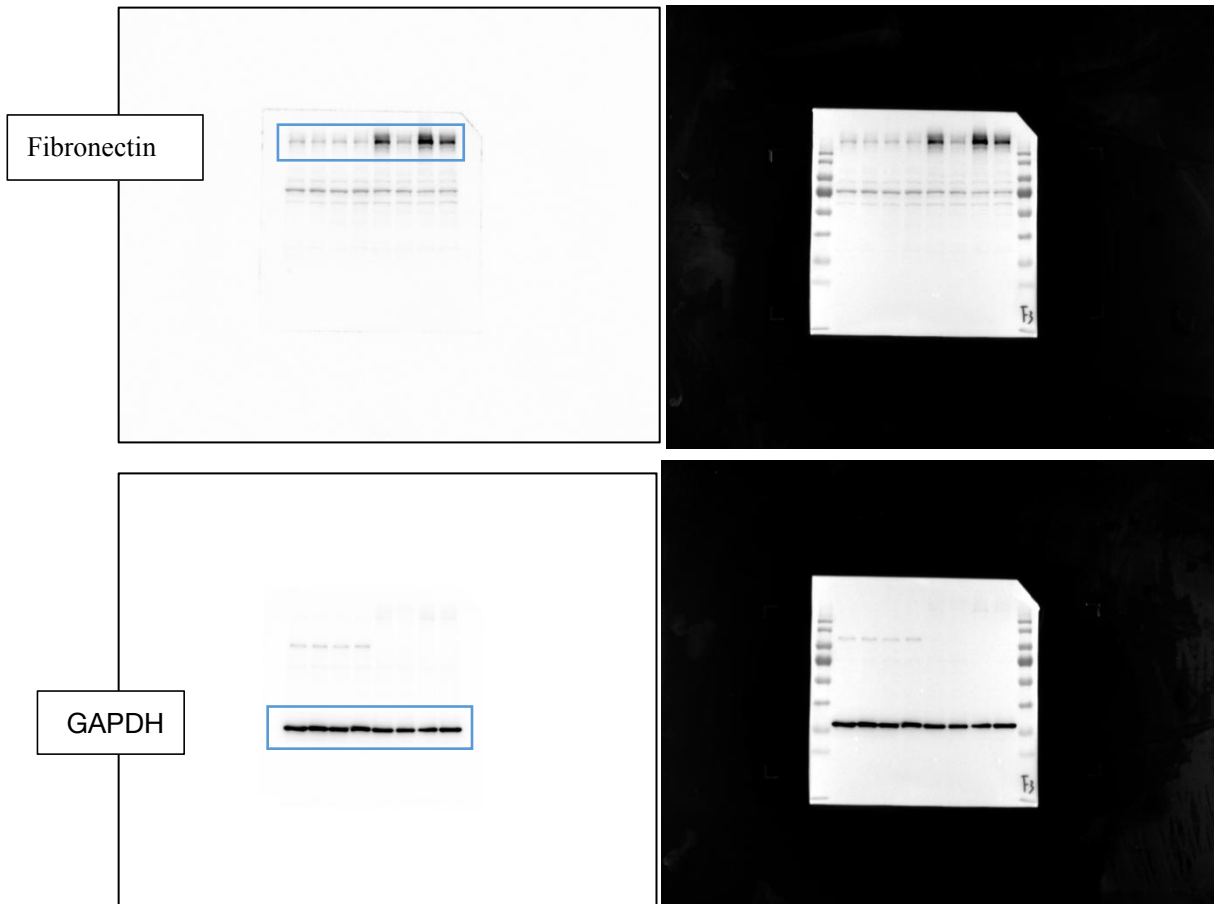
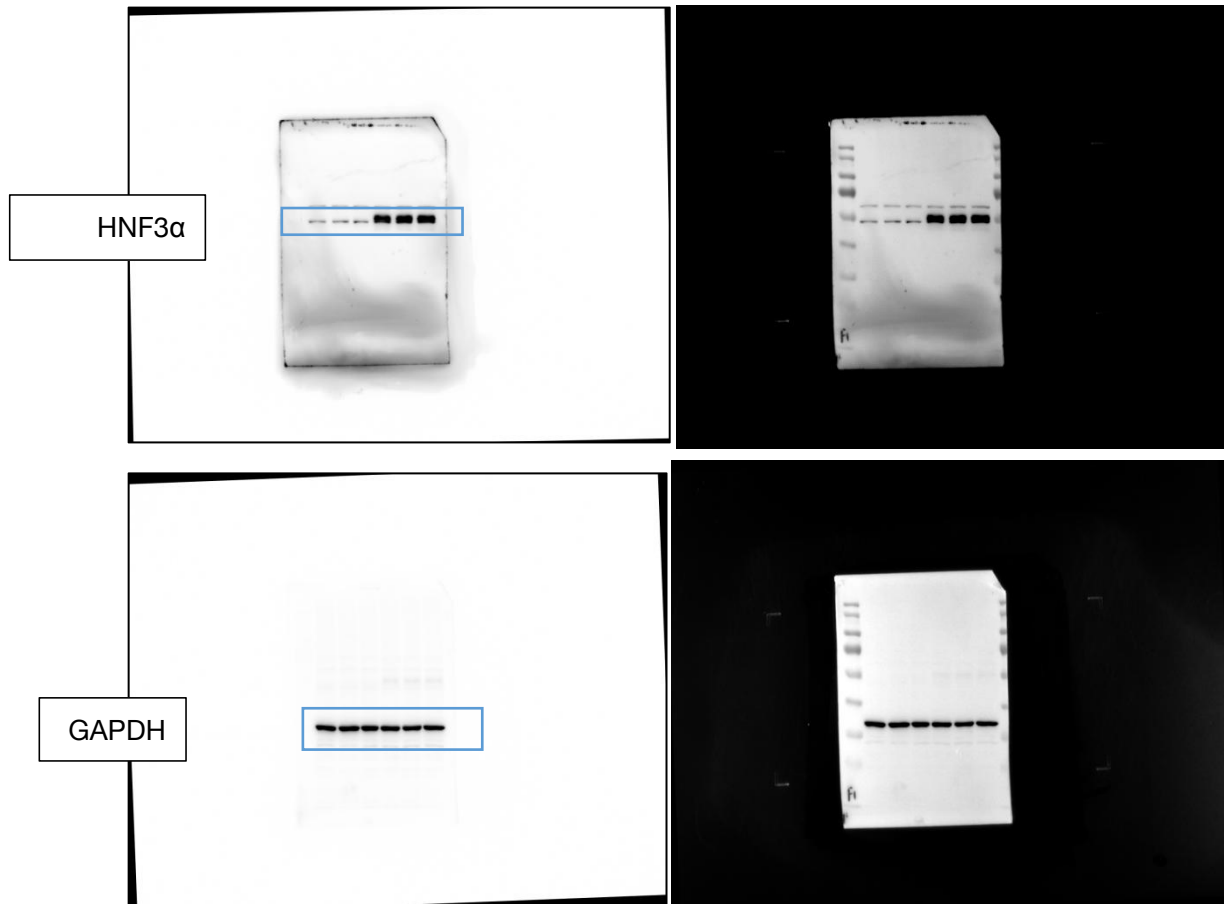
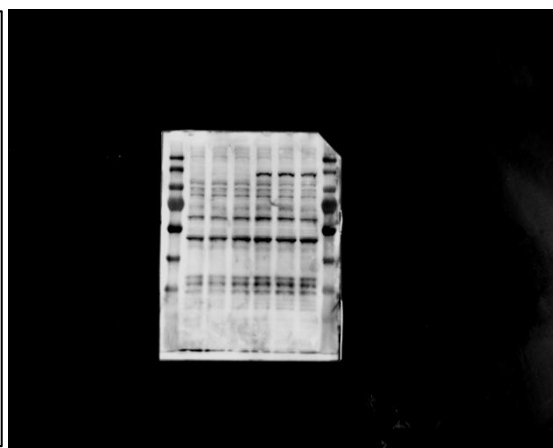
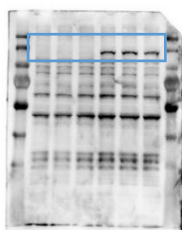


Figure 5g

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



Nckap1l



GAPDH

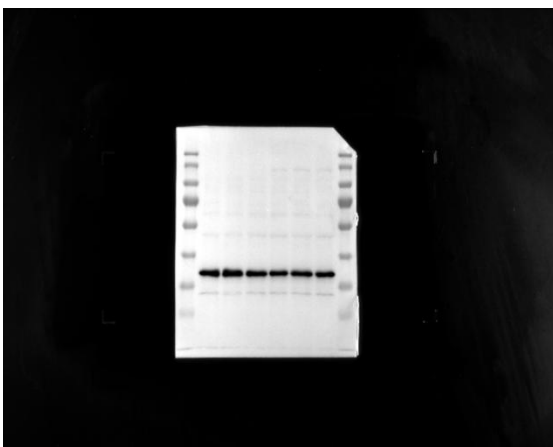
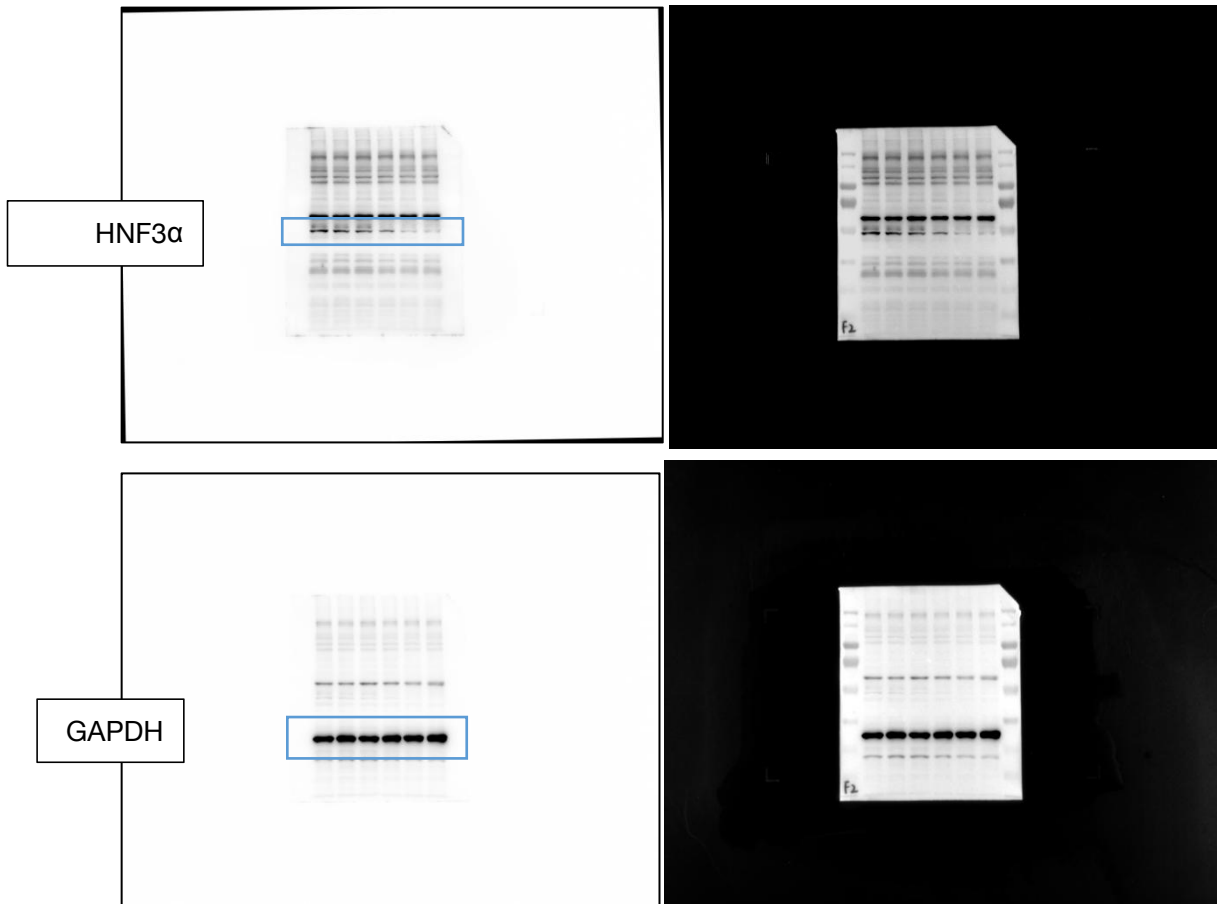
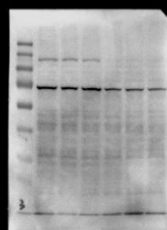
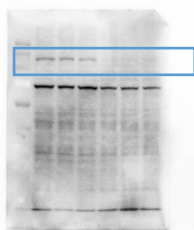


Figure 5i

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



Nckap1l



GAPDH

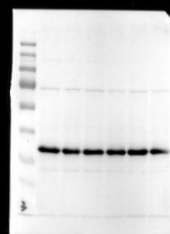
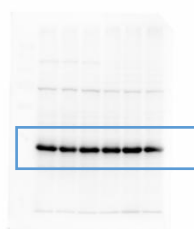


Figure 5k

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).

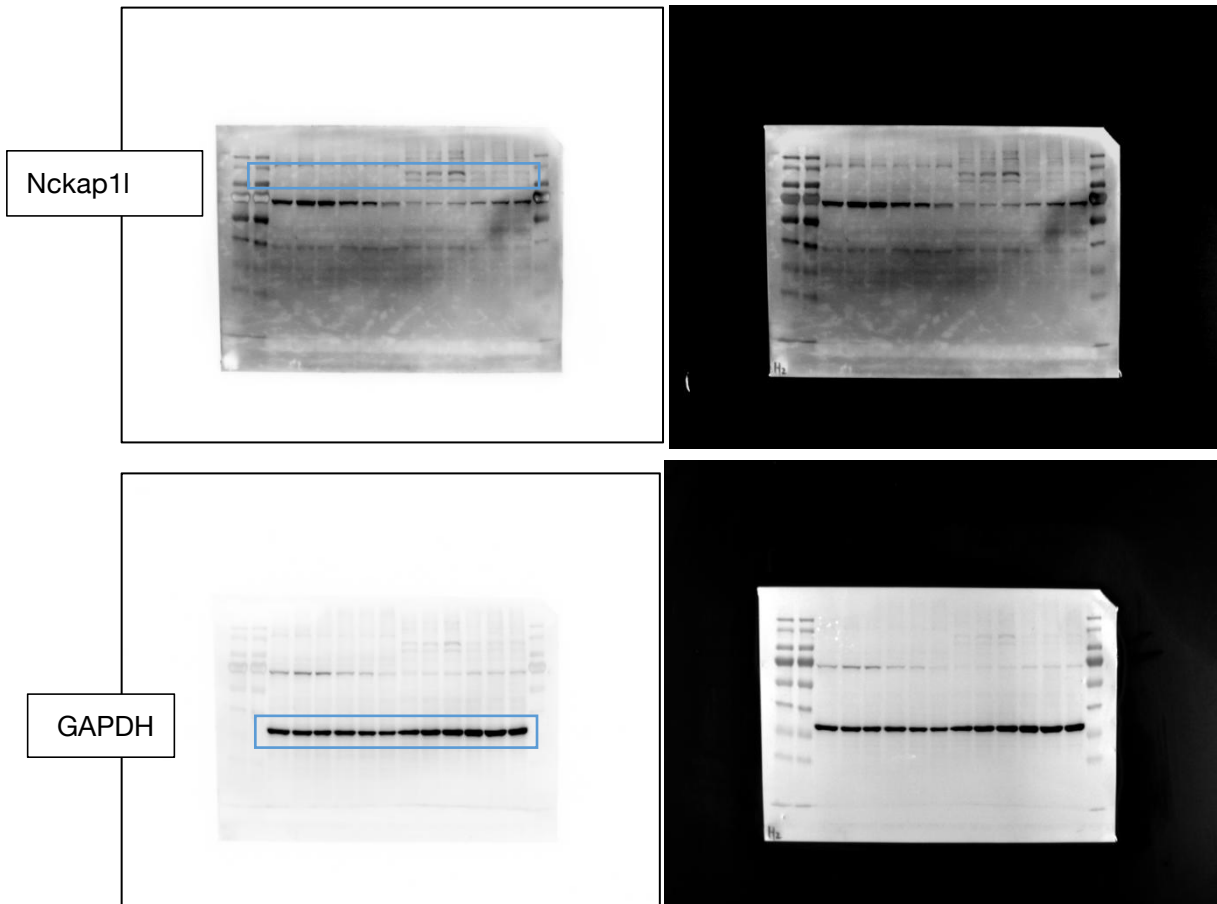


Figure 6c

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).

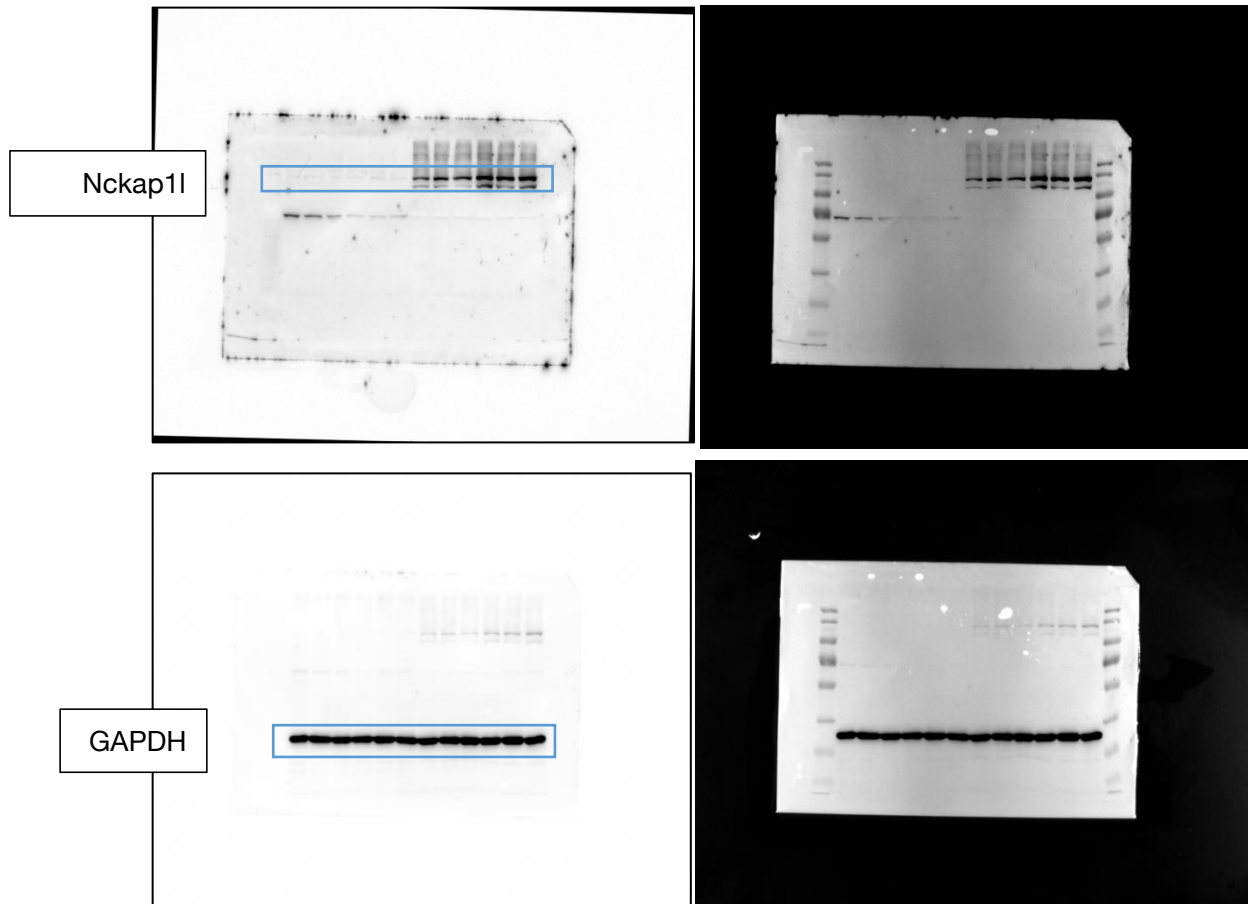


Figure 6g

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).

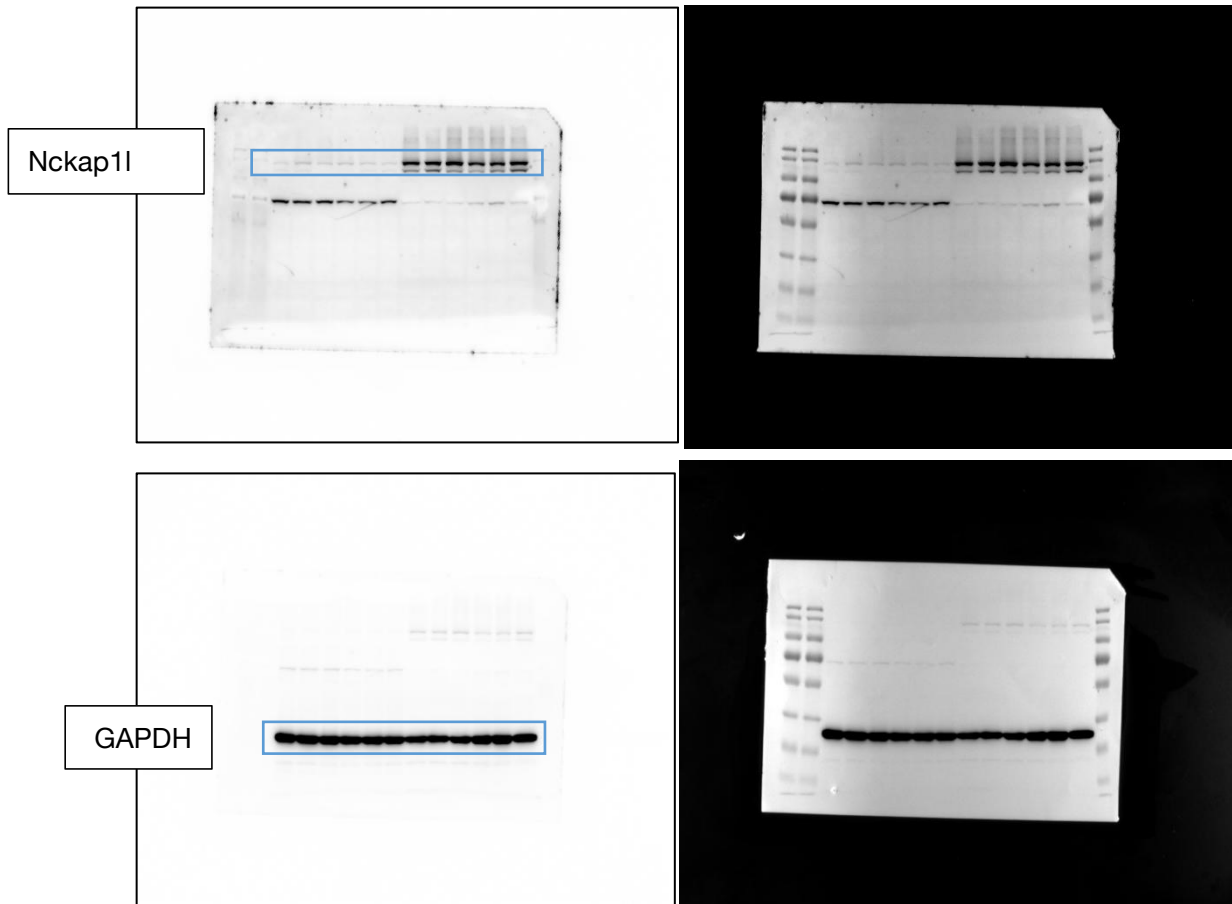
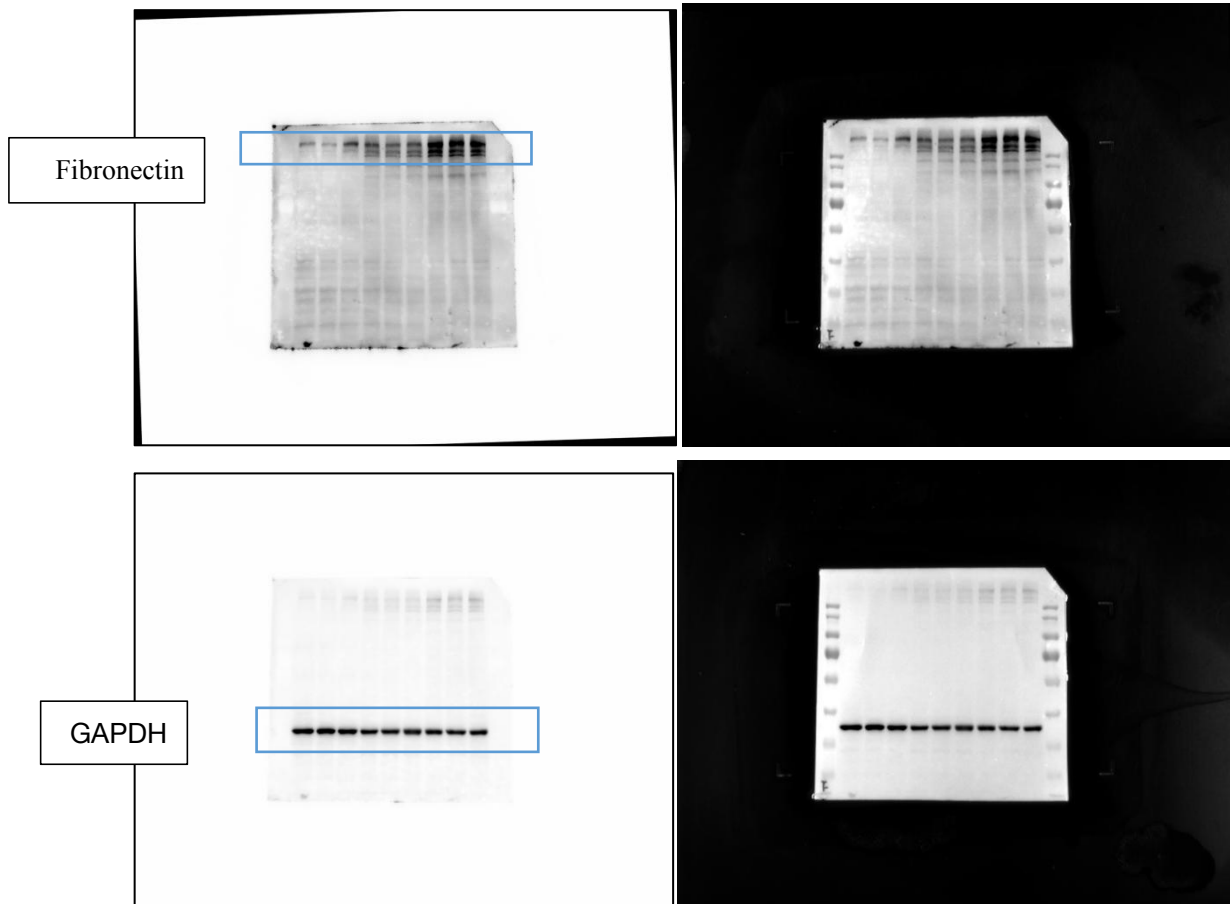
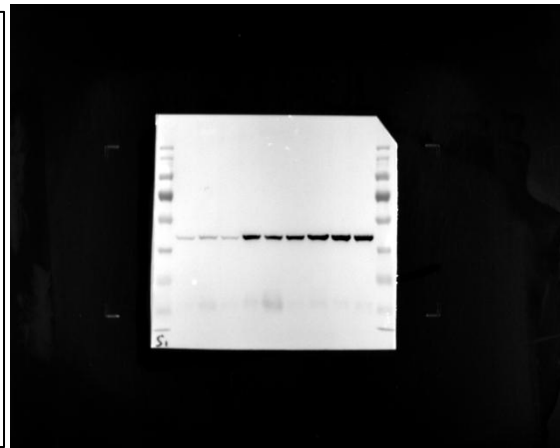
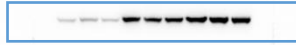


Figure 7c

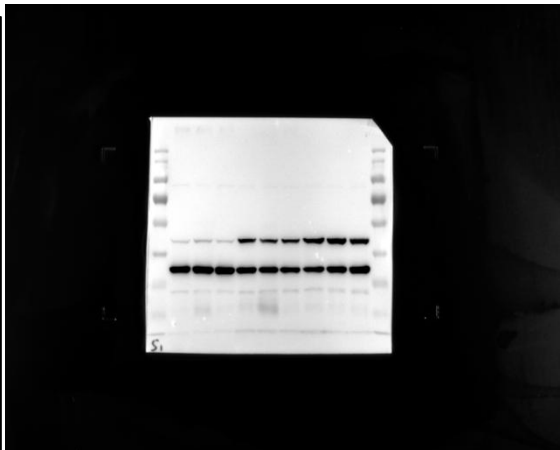
The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



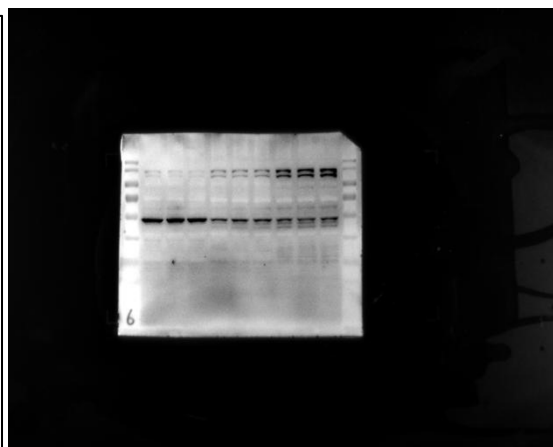
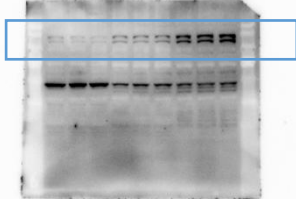
α -SMA



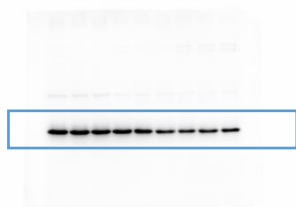
GAPDH



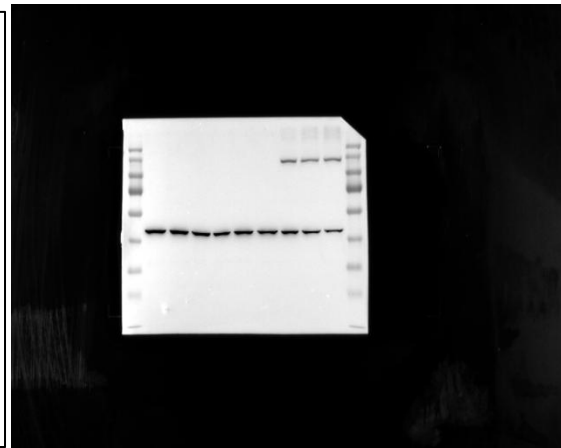
Collagen I



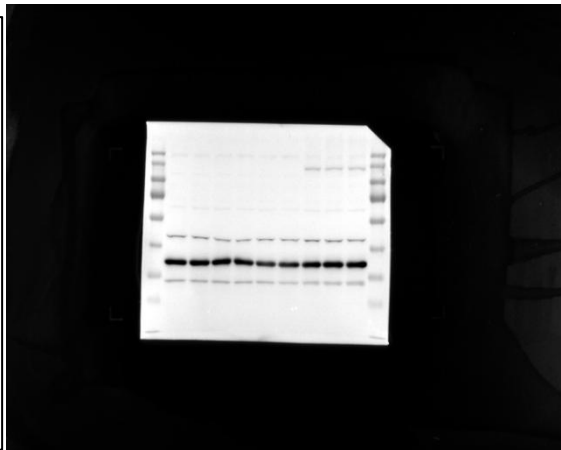
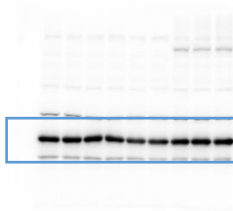
GAPDH



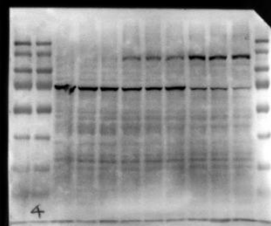
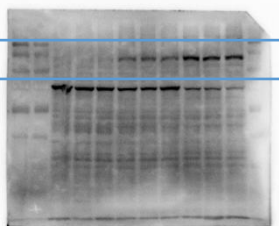
Flag



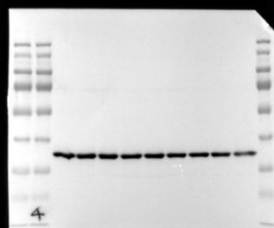
GAPDH



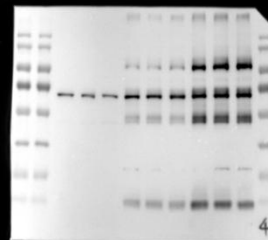
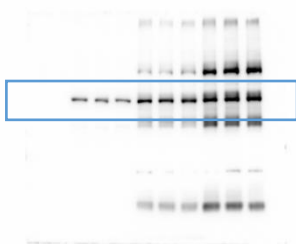
Nckap1l



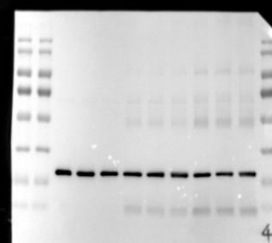
GAPDH



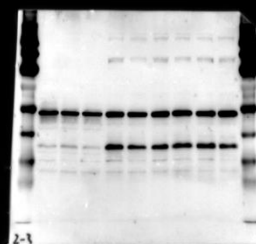
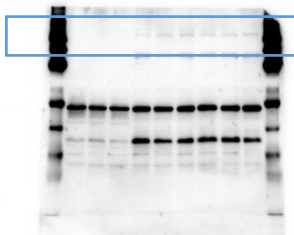
CD86



GAPDH



CD206



GAPDH

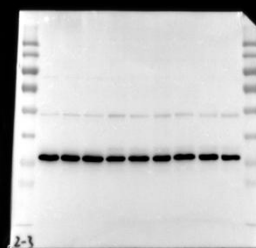
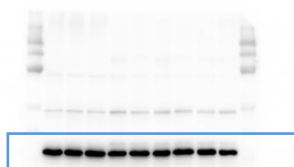


Figure 8a

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15
(ThermoFisher Scientific #26616).



Figure 8c

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15
(ThermoFisher Scientific #26616).

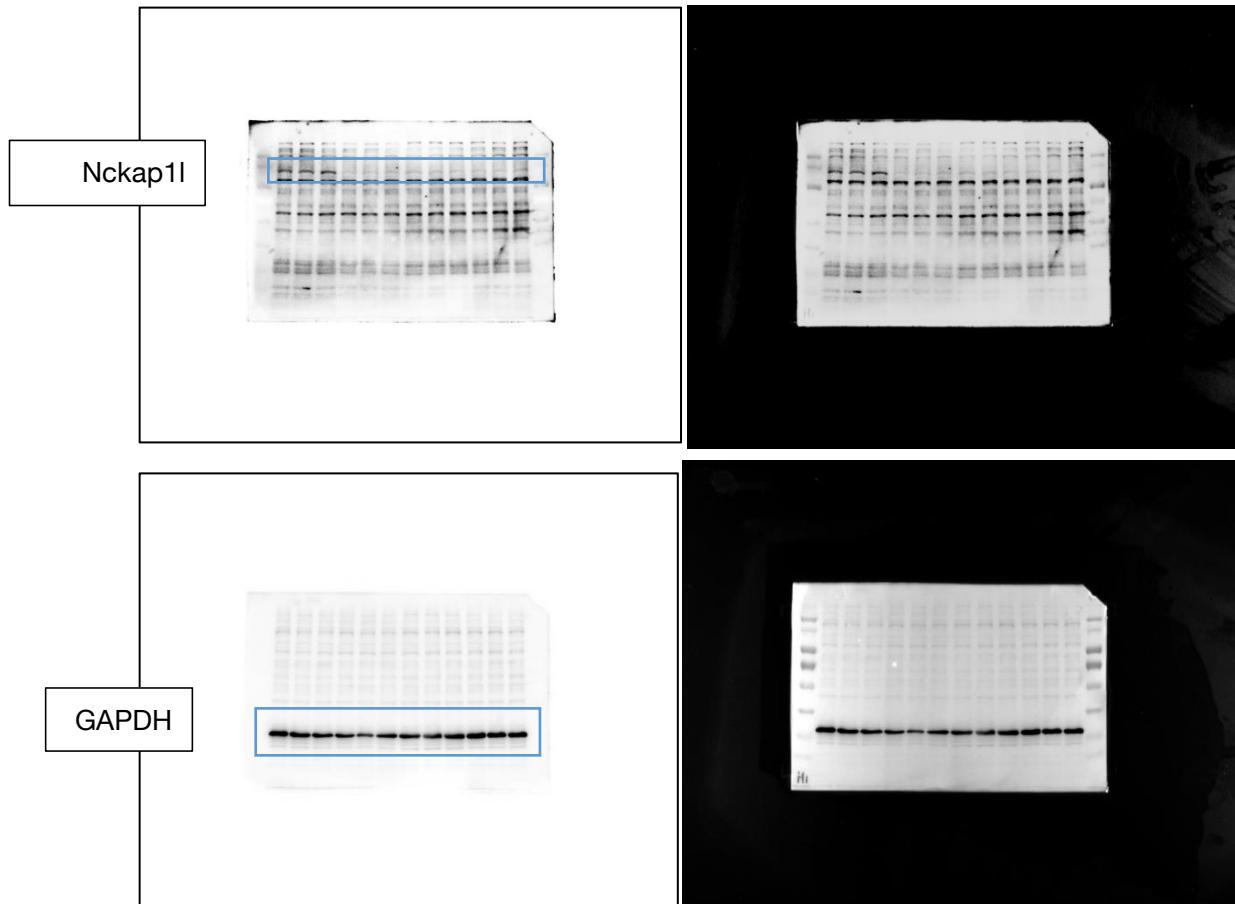
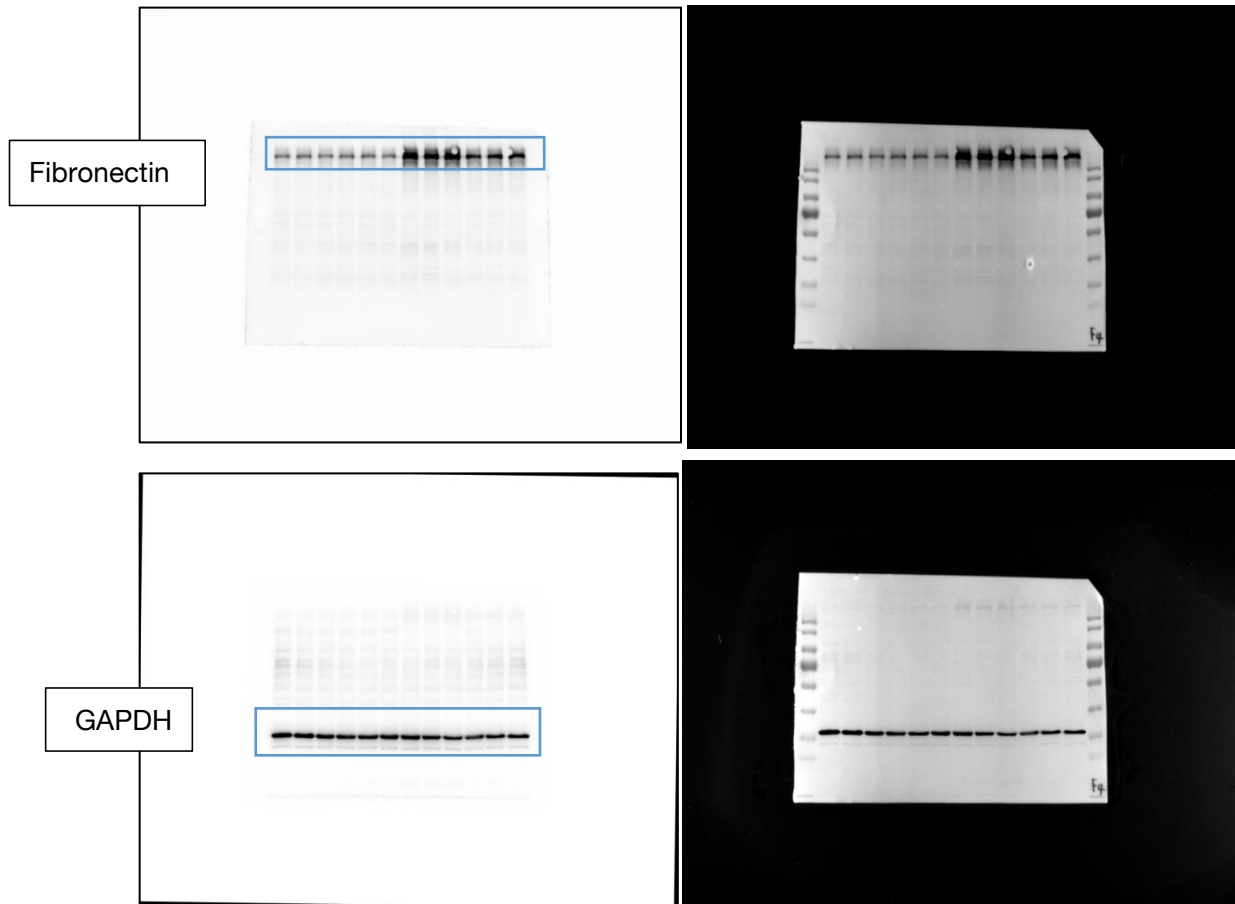
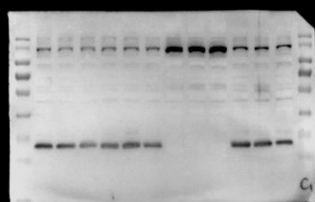
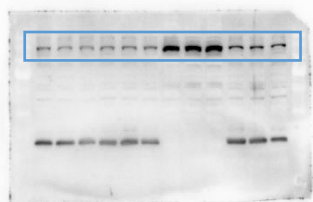


Figure 8e

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15
(ThermoFisher Scientific #26616).



Collagen I



GAPDH

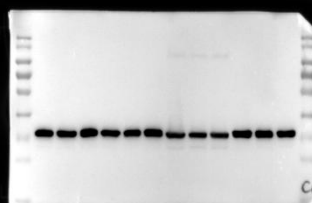
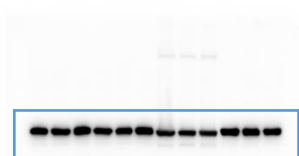


Figure 8h

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15
(ThermoFisher Scientific #26616).

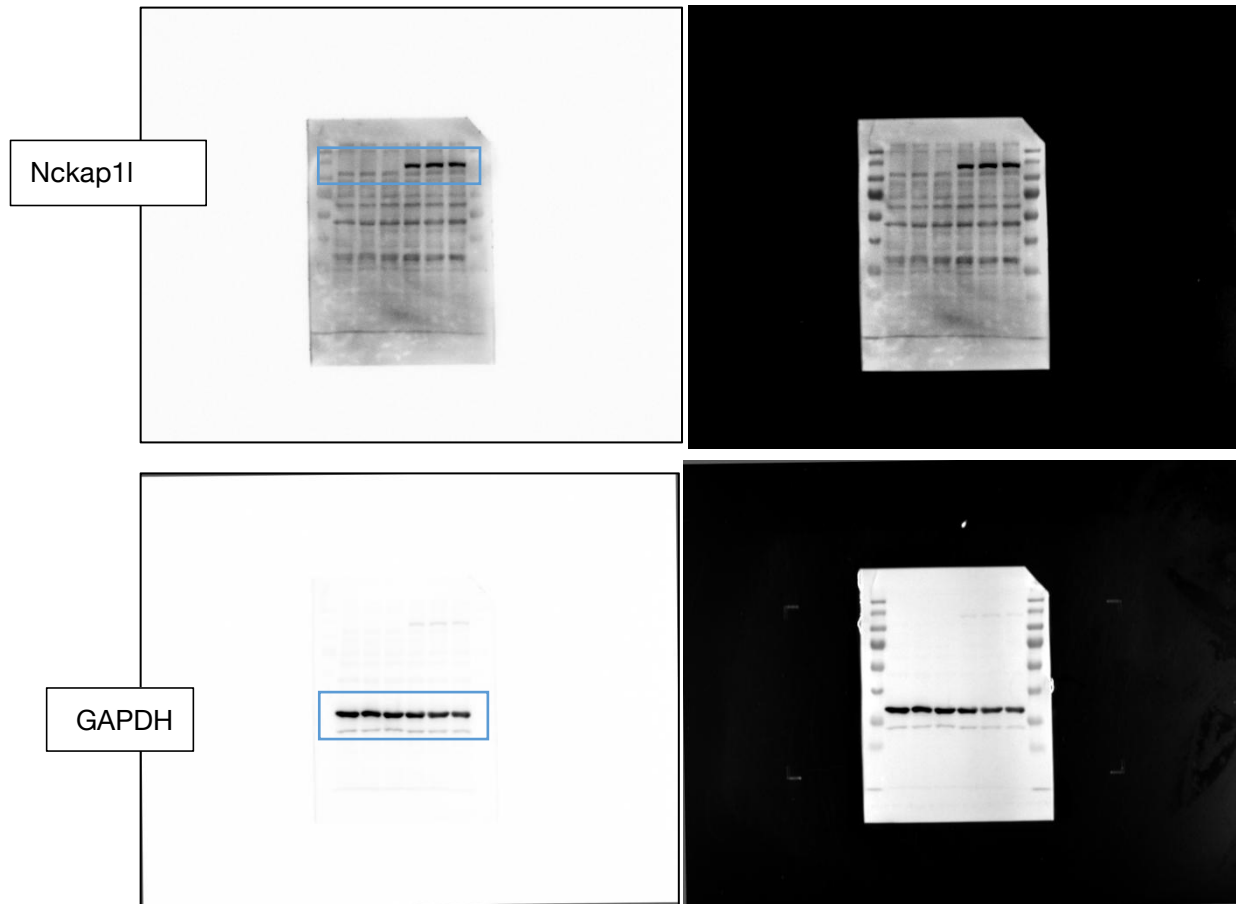
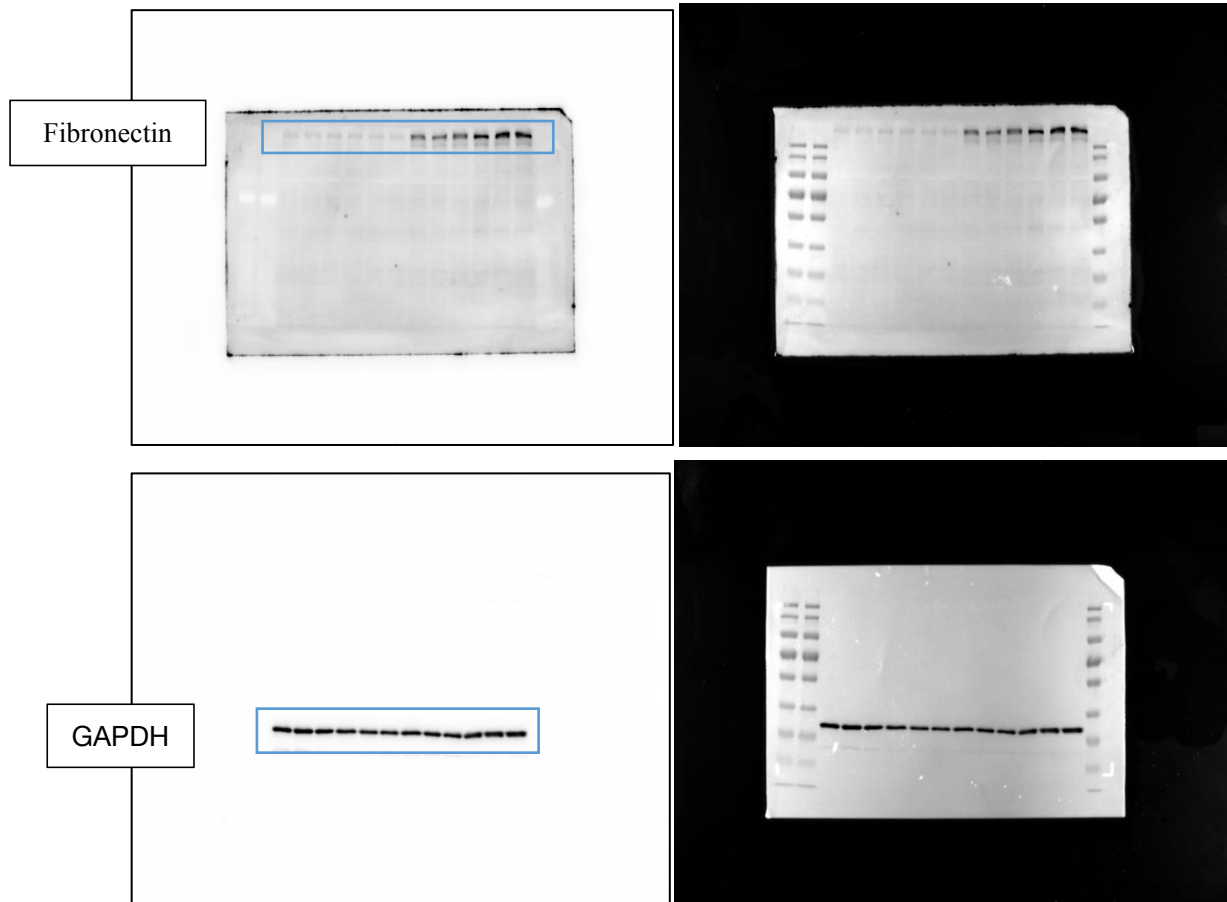
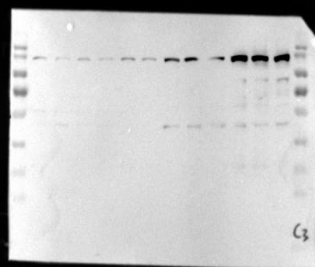
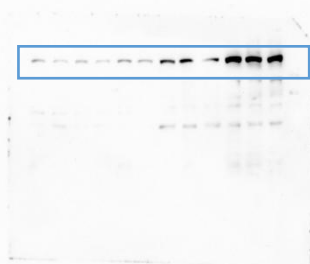


Figure 8j

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15
(ThermoFisher Scientific #26616).



Collagen I



GAPDH

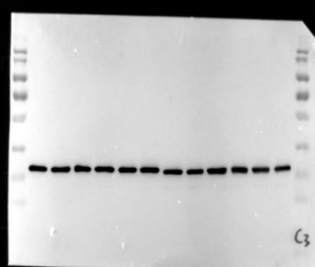
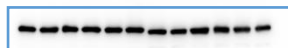
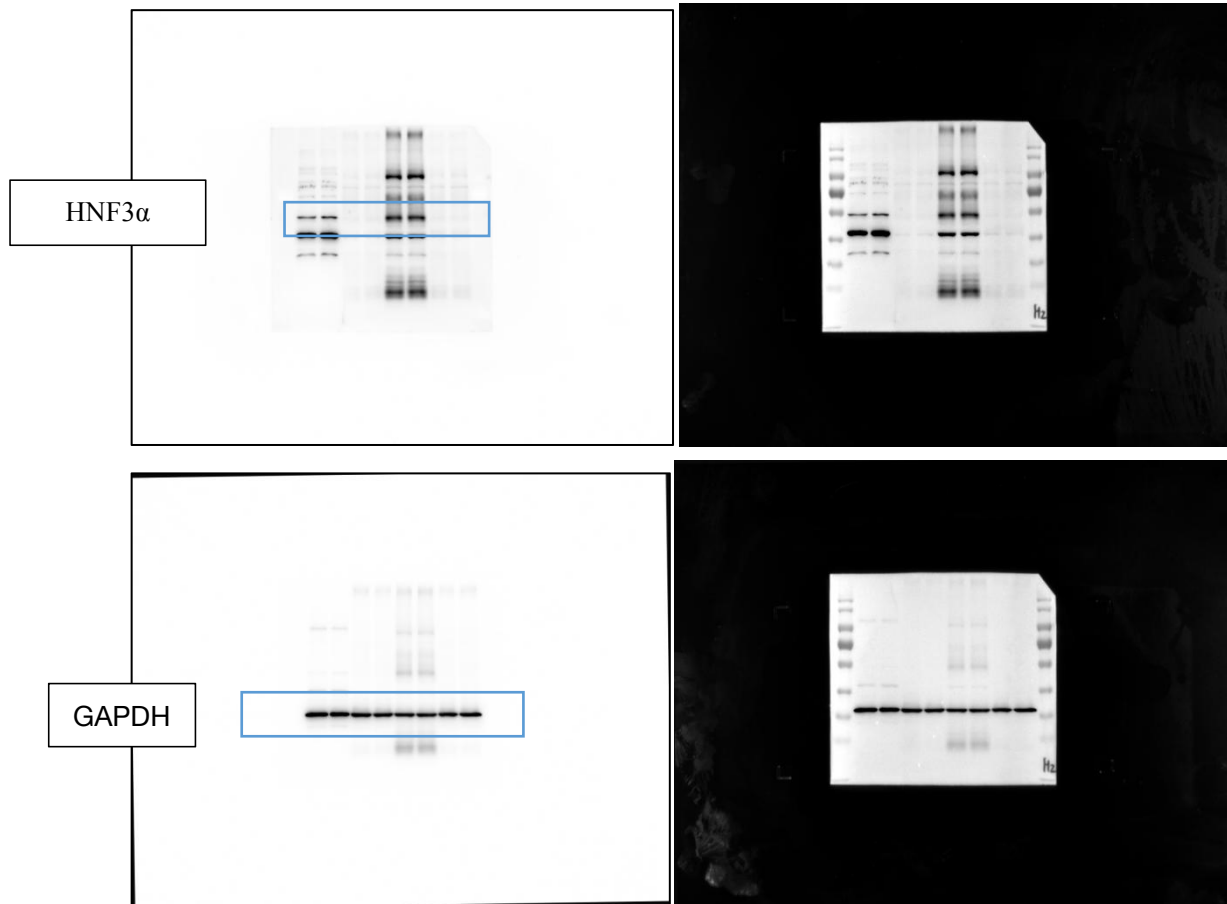
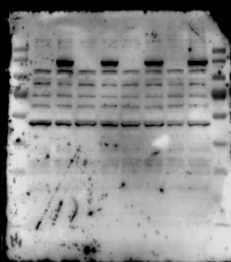
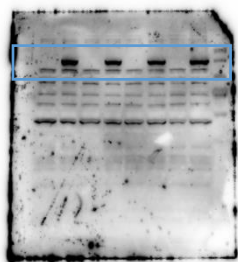


Figure 8I

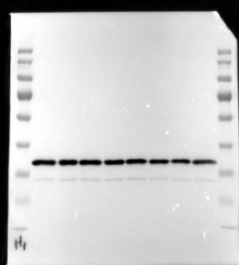
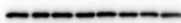
The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15
(ThermoFisher Scientific #26616).



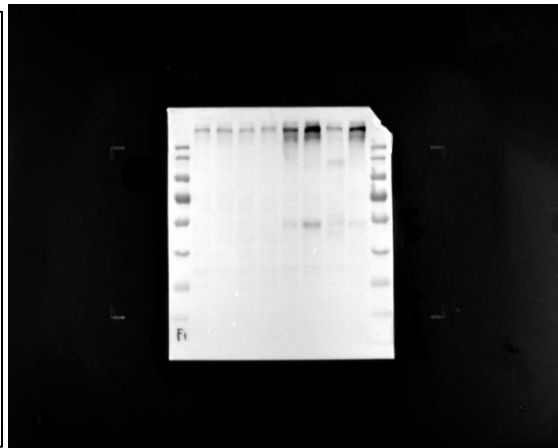
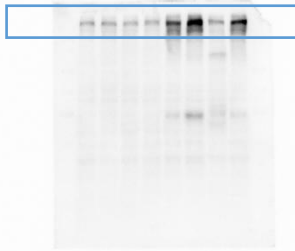
Nckap1l



GAPDH



Fibronectin



GAPDH

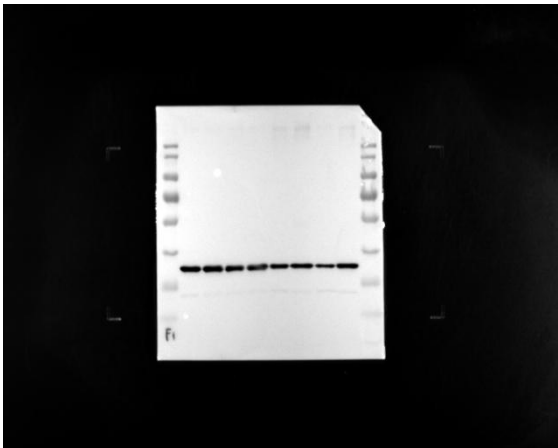
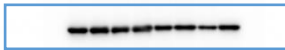
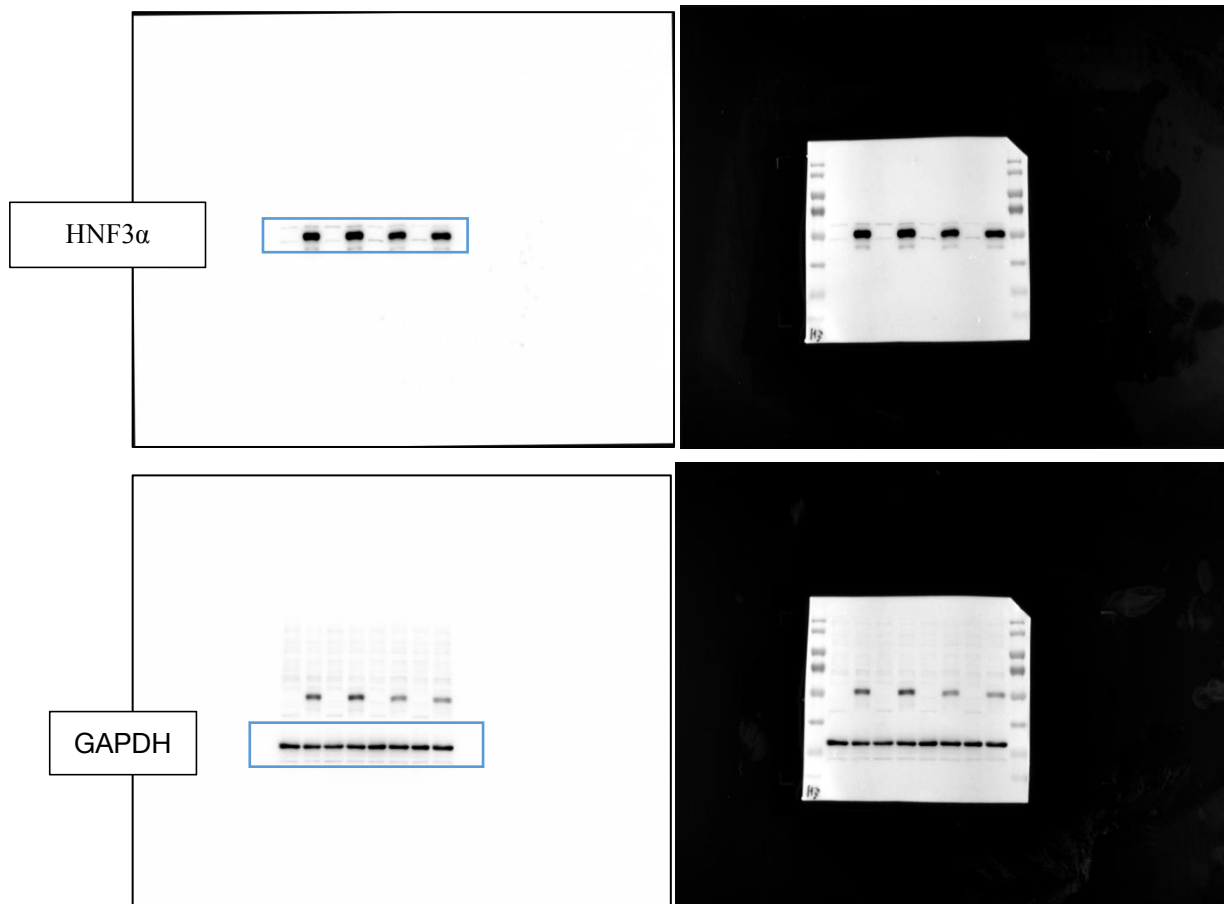
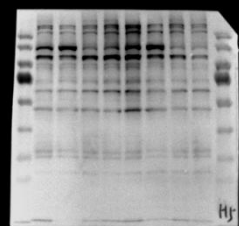
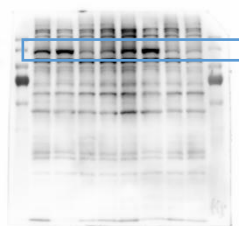


Figure 8p

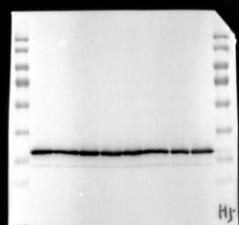
The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15
(ThermoFisher Scientific #26616).



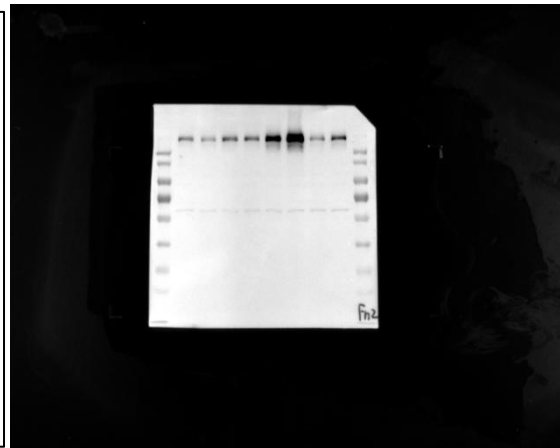
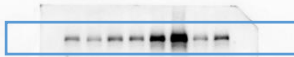
Nckap1l



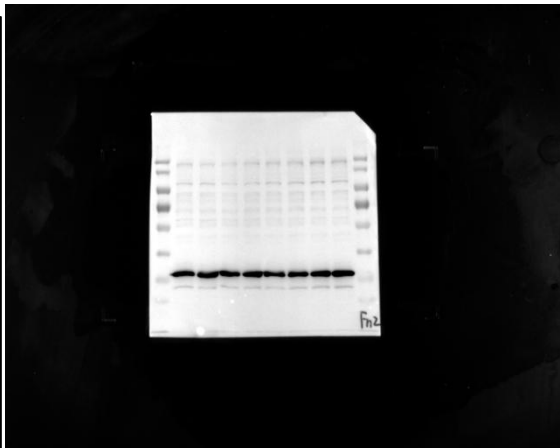
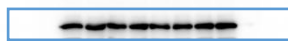
GAPDH



Fibronectin

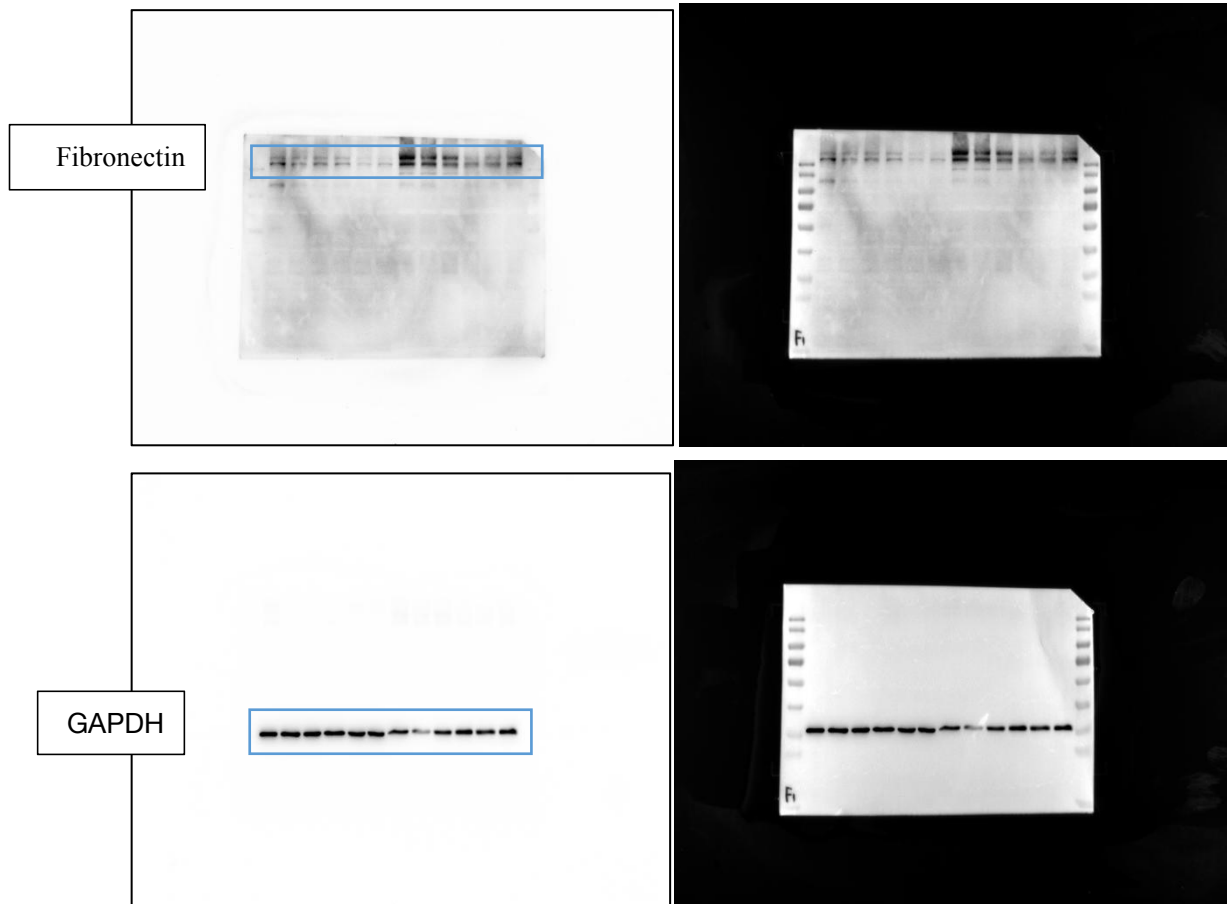


GAPDH

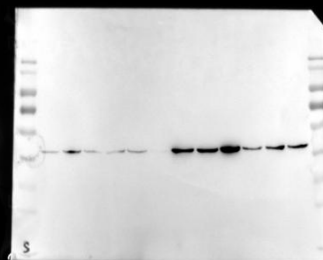
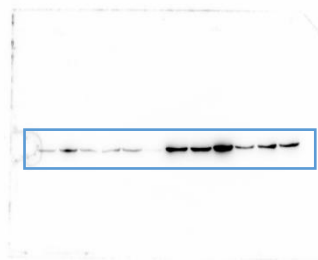


Supplementary Figure 3e

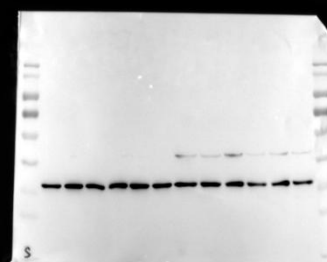
The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



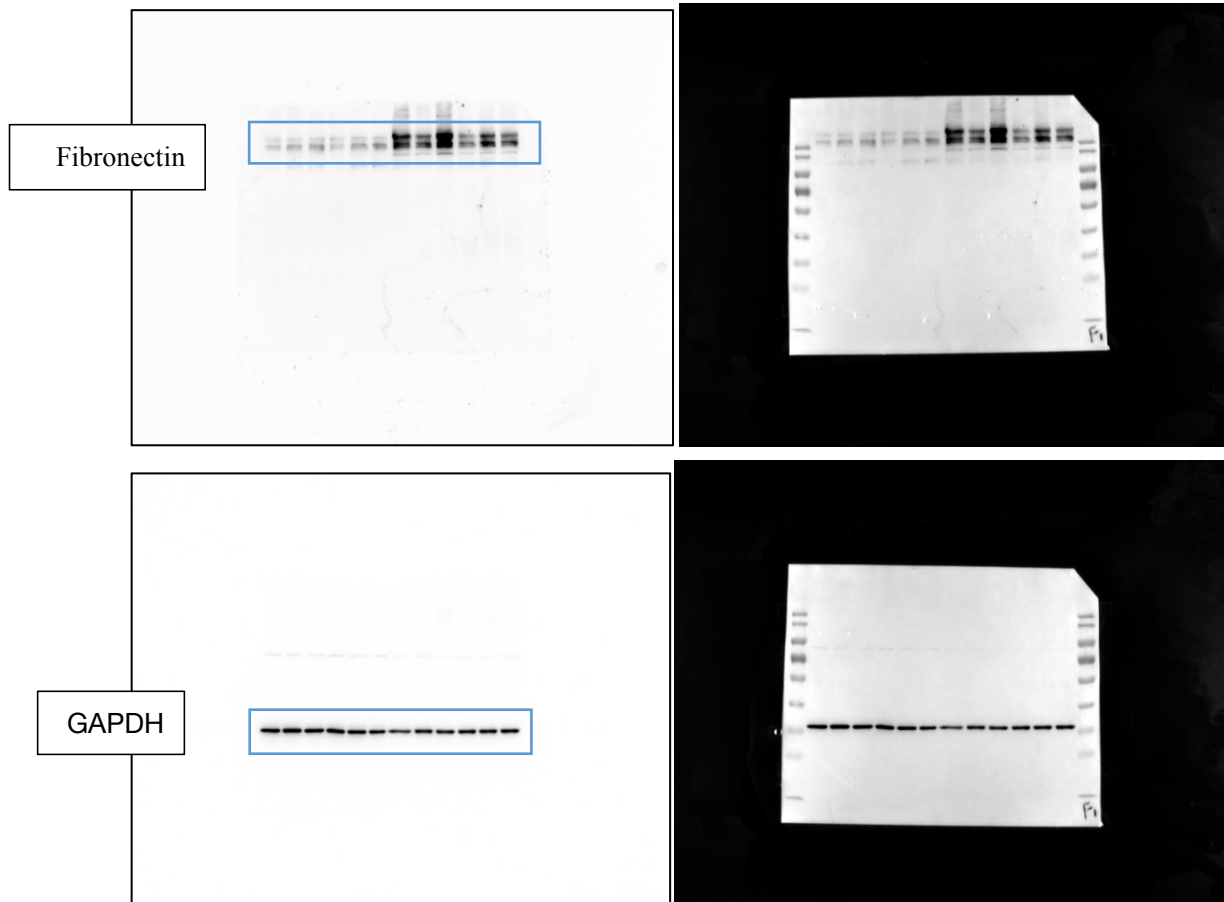
α -SMA



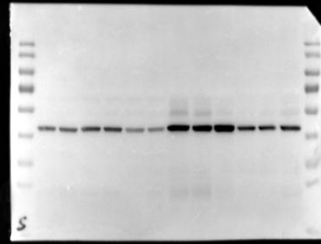
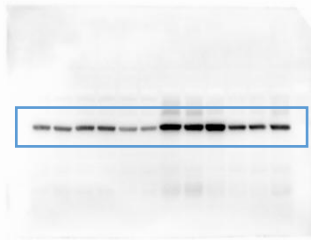
GAPDH



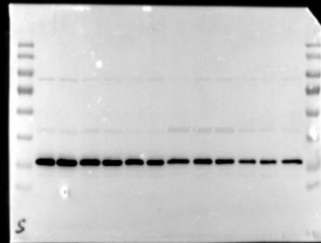
The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



α -SMA



GAPDH



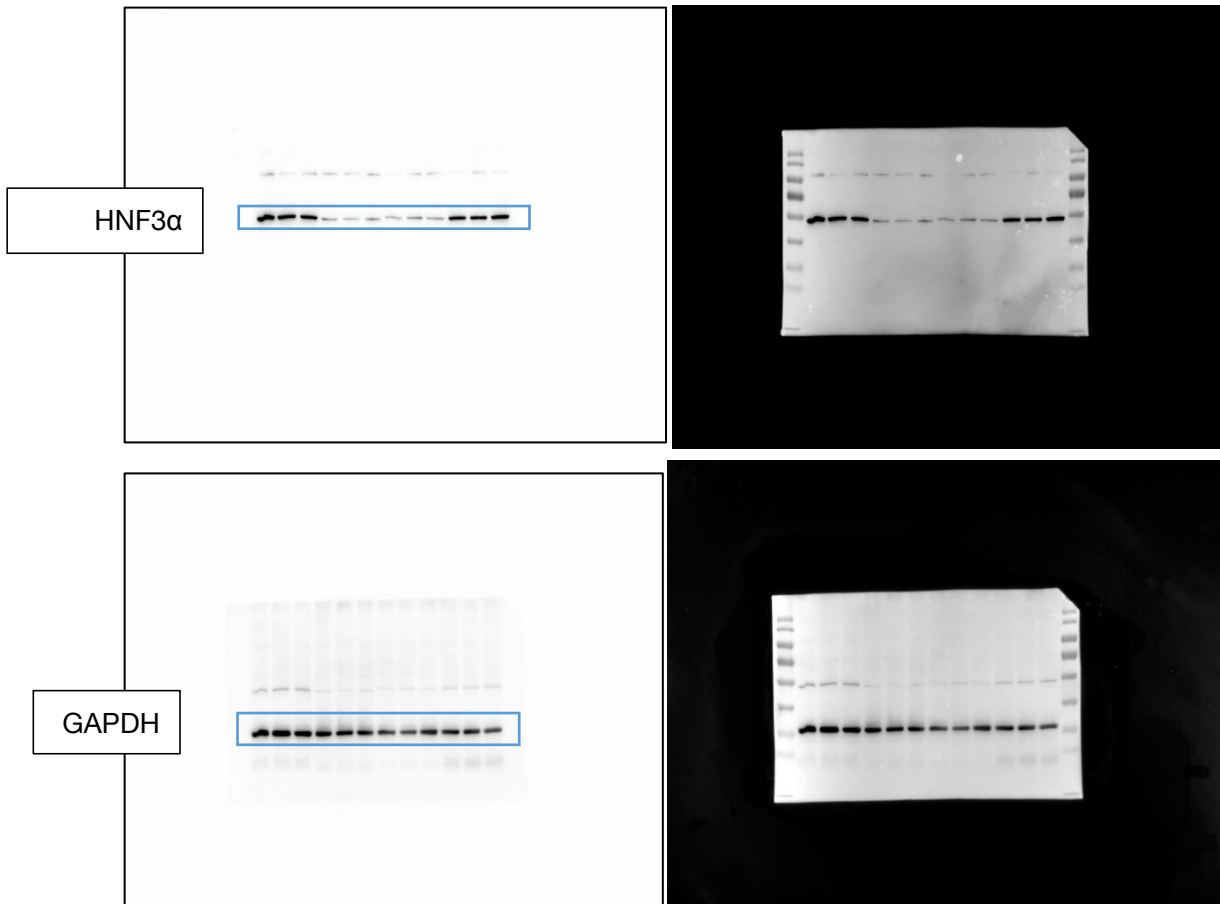
Supplementary Figure 5a

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



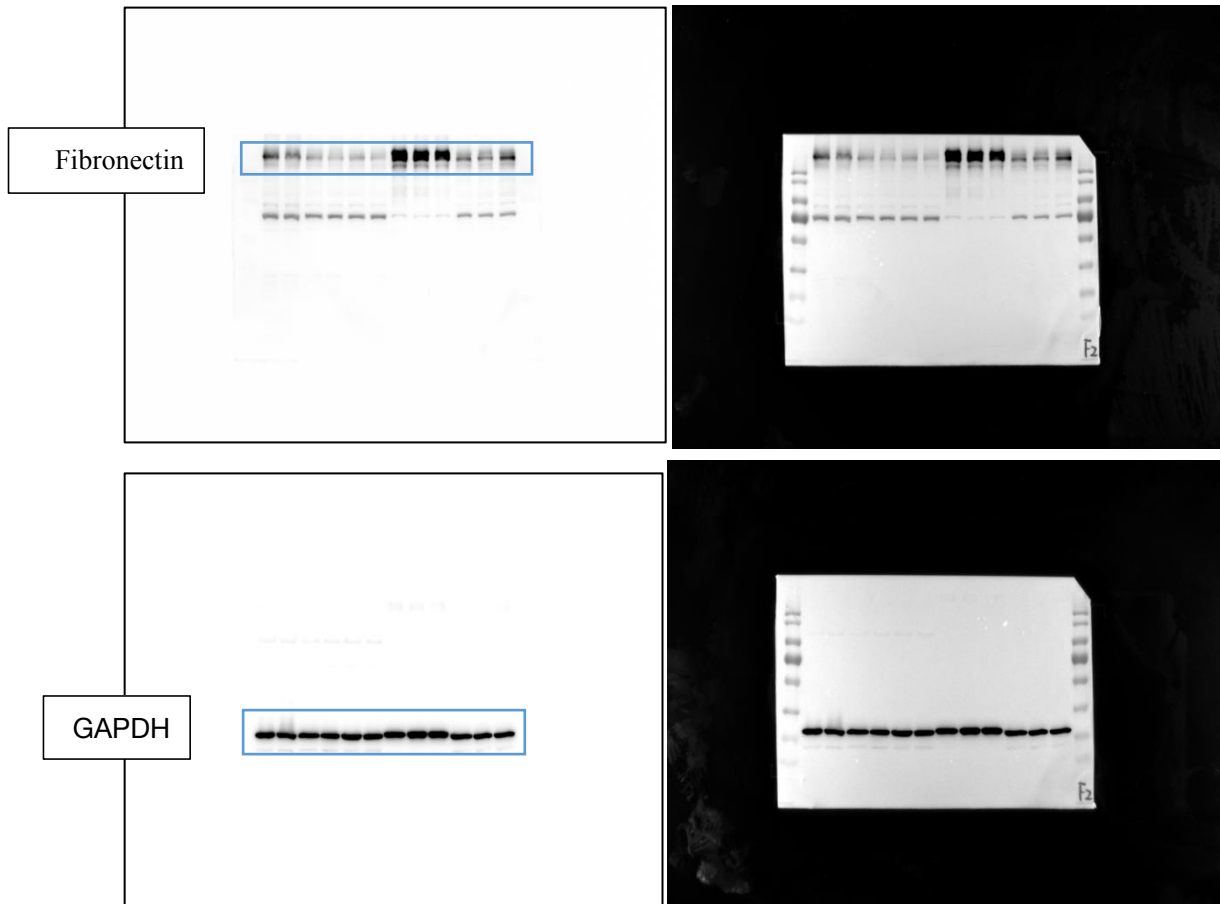
Supplementary Figure 5c

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).

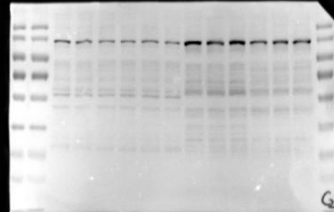
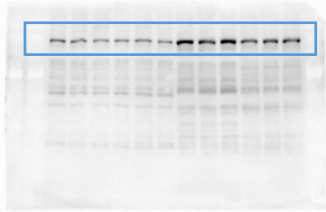


Supplementary Figure 5e

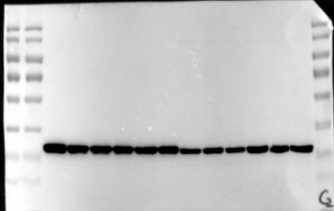
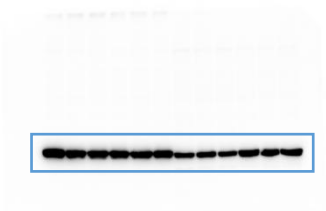
The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



Collagen I

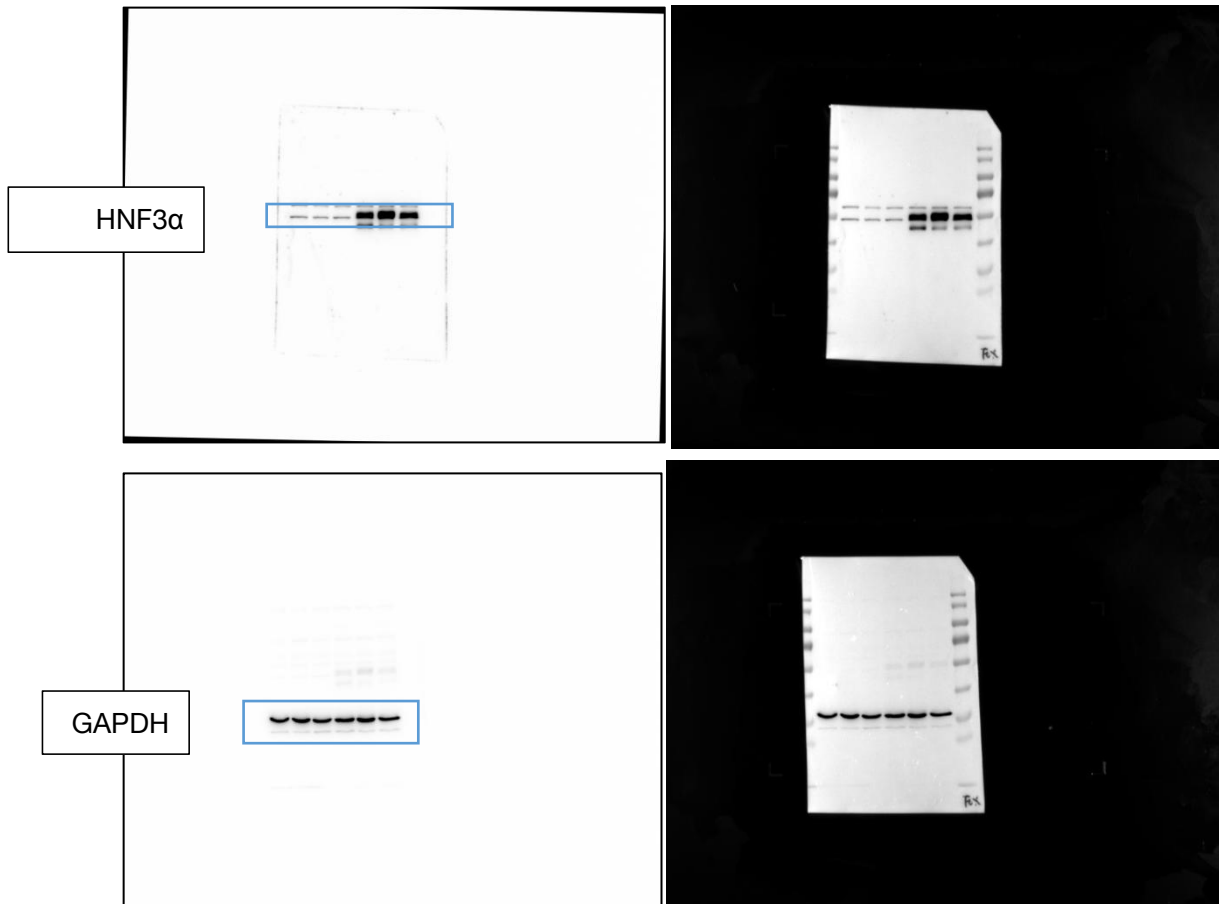


GAPDH



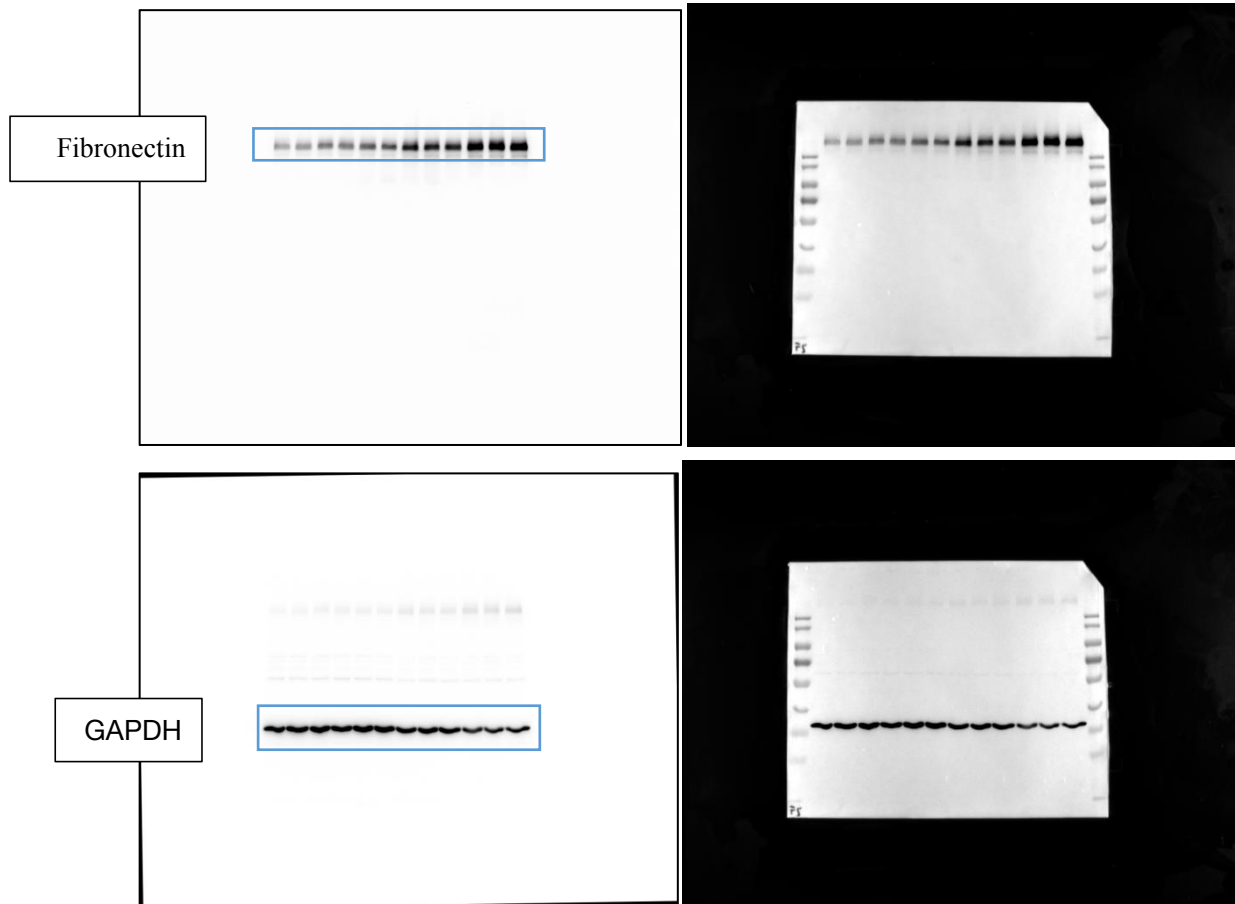
Supplementary Figure 5g

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).

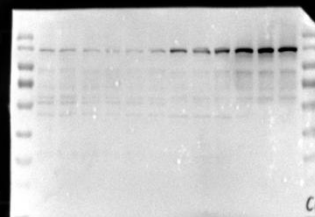


Supplementary Figure 5i

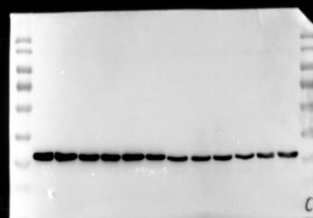
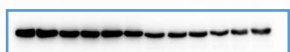
The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



Collagen I

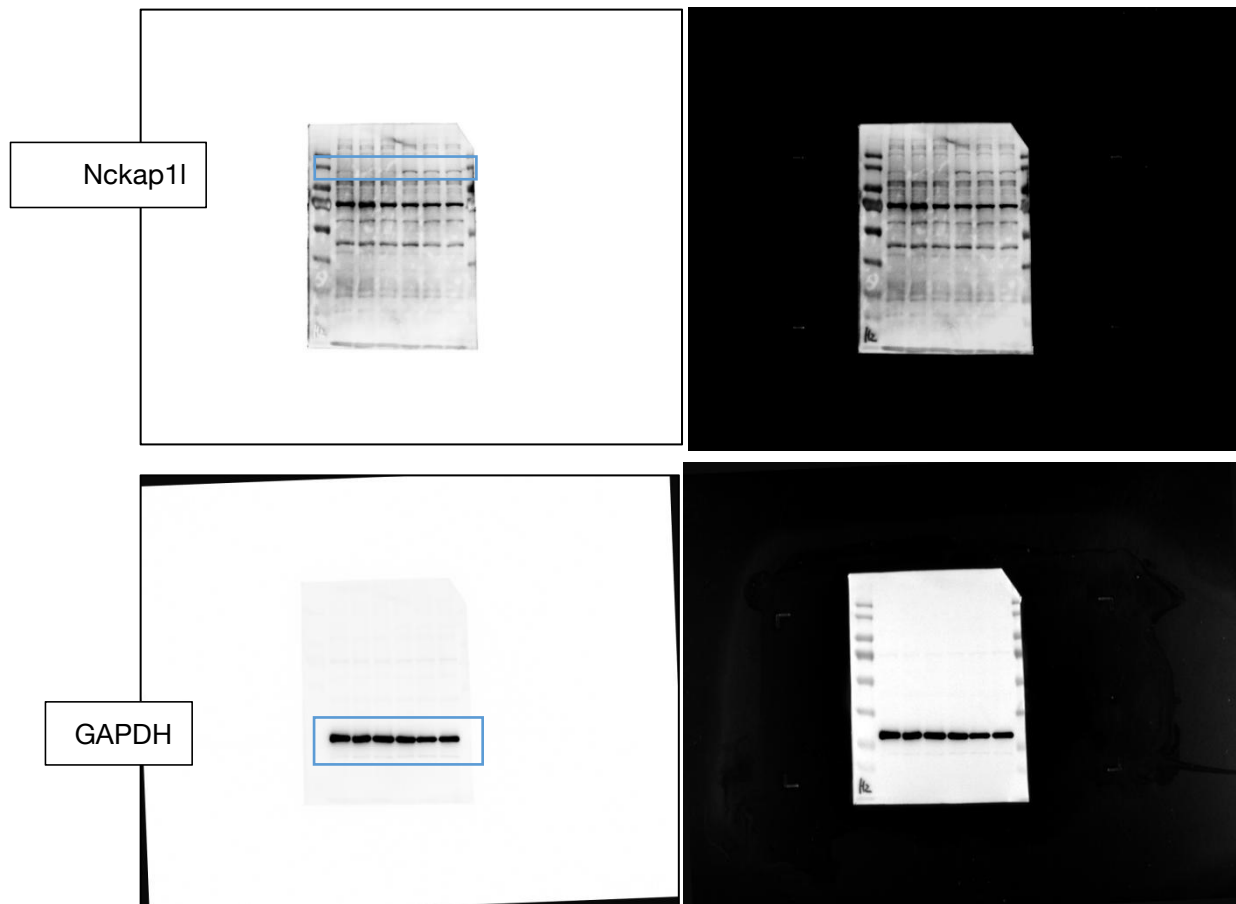


GAPDH



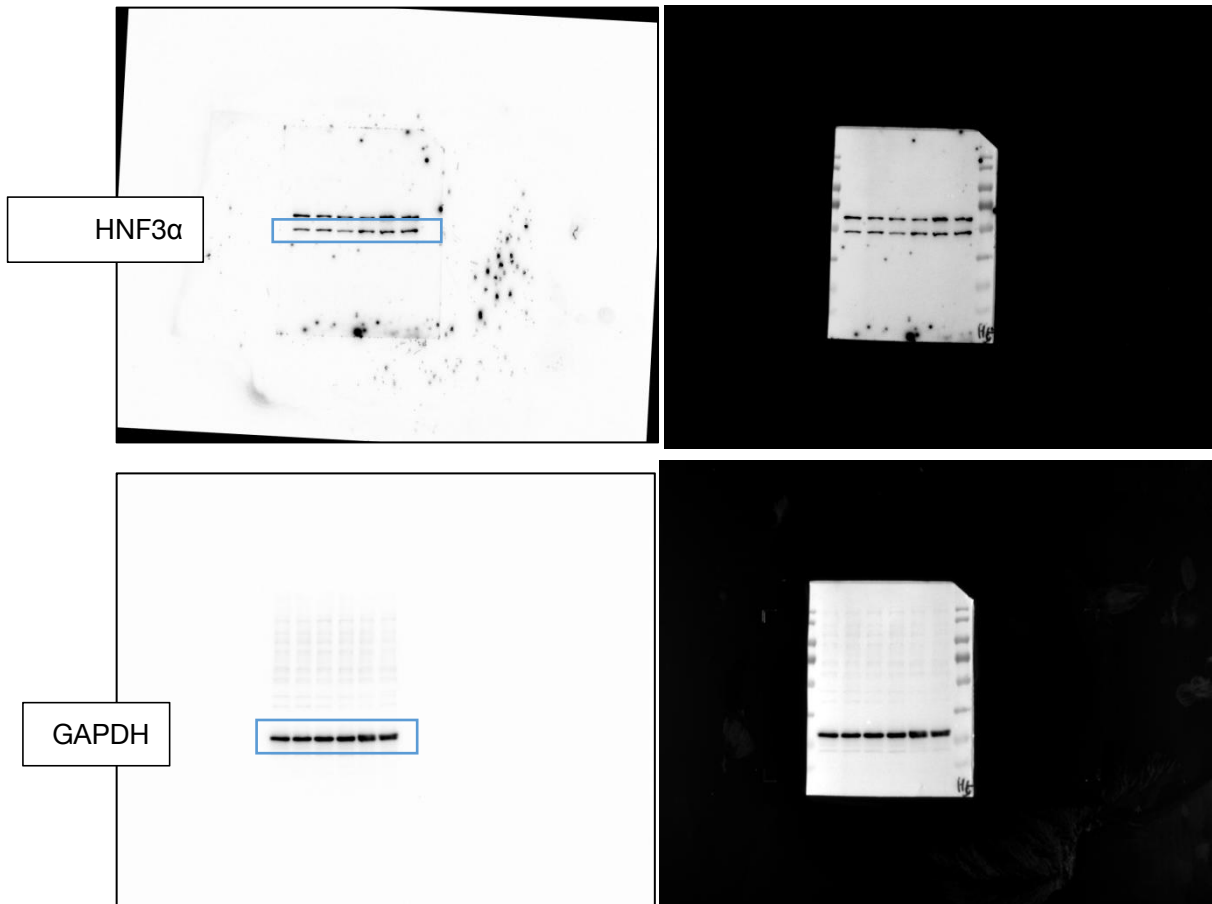
Supplementary Figure 5k

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15
(ThermoFisher Scientific #26616).



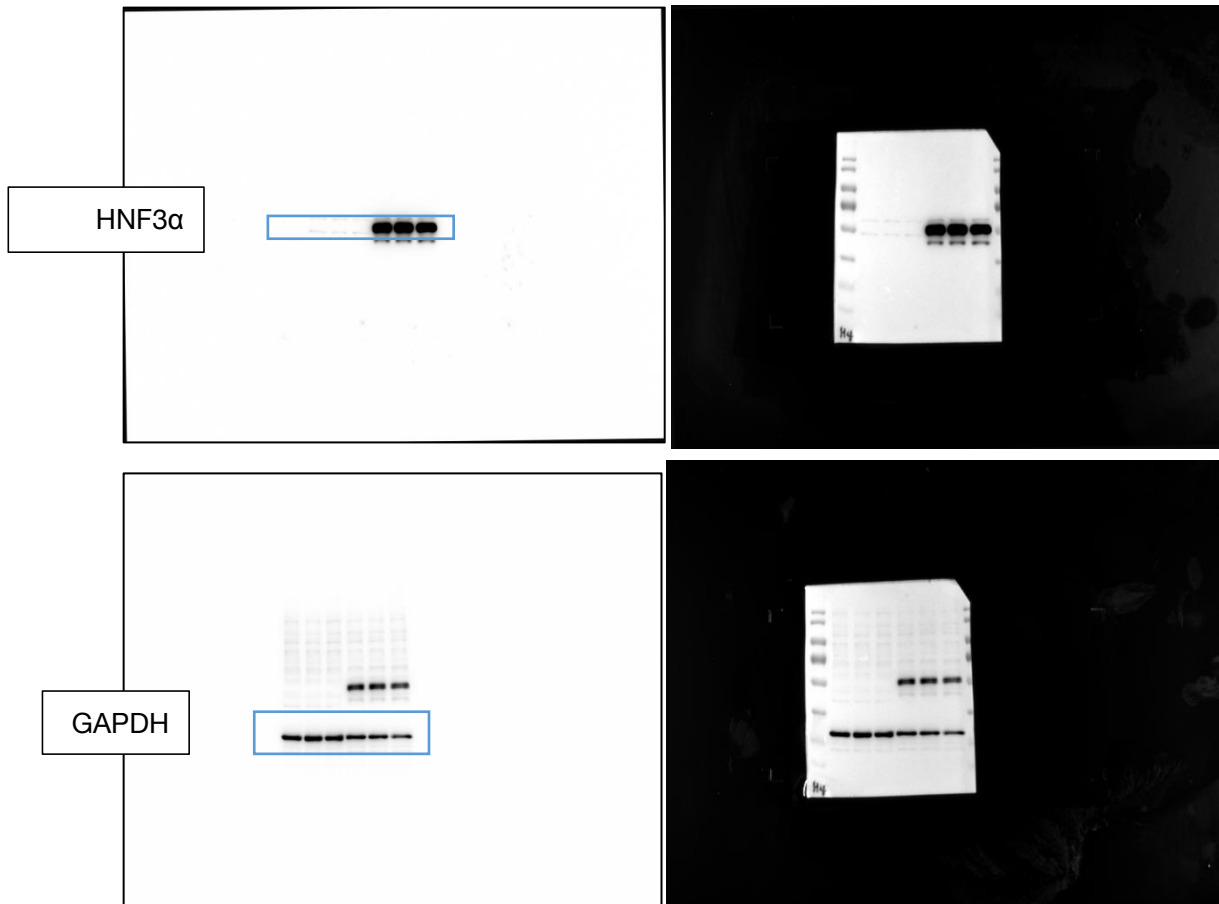
Supplementary Figure 6a

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



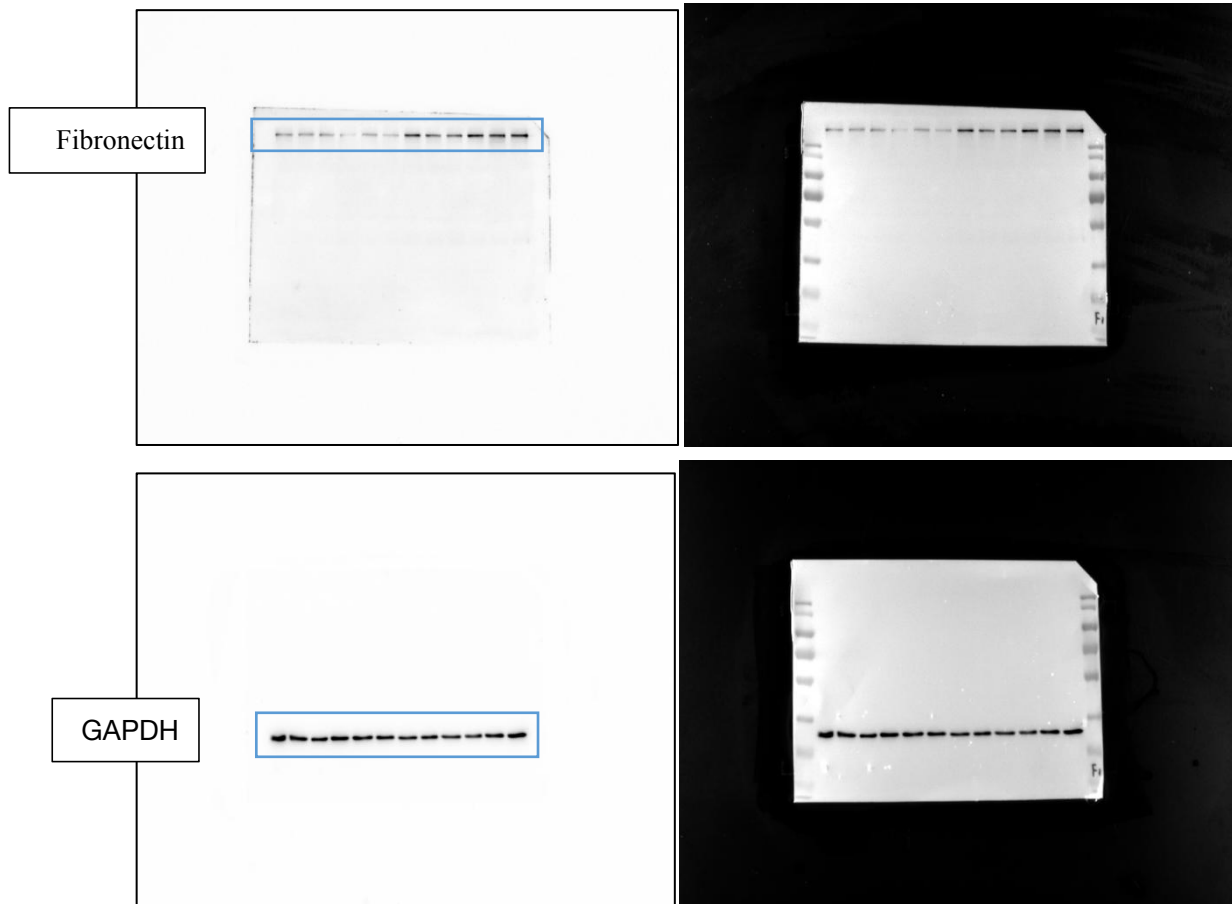
Supplementary Figure 6c

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



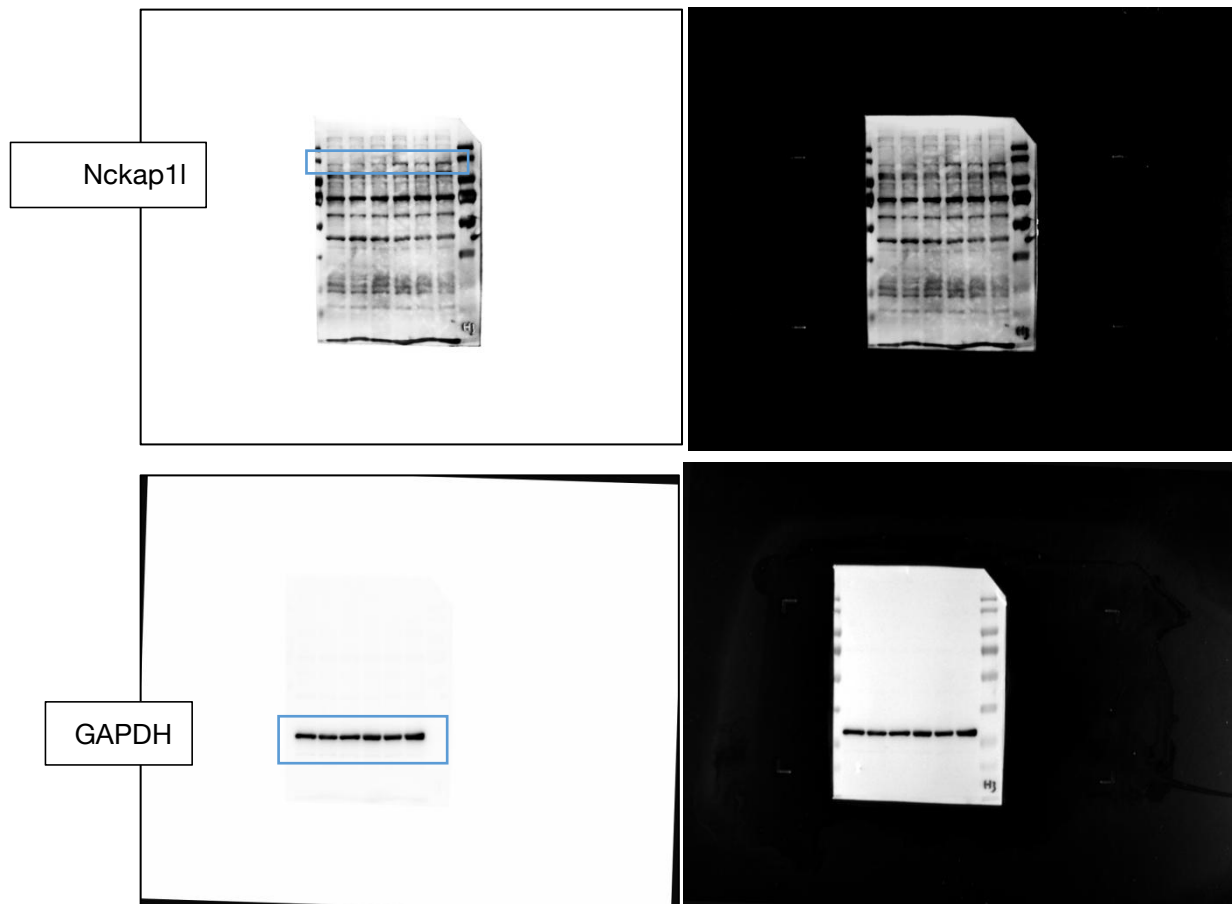
Supplementary Figure 6e

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15 (ThermoFisher Scientific #26616).



Supplementary Figure 6g

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15
(ThermoFisher Scientific #26616).

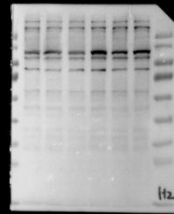
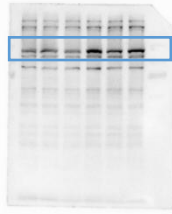


Supplementary Figure 7b

The MARKER from top to bottom are sequentially 180, 130, 100, 70, 55, 40, 35, 25, 15
(ThermoFisher Scientific #26616).



Nckap1l



GAPDH

