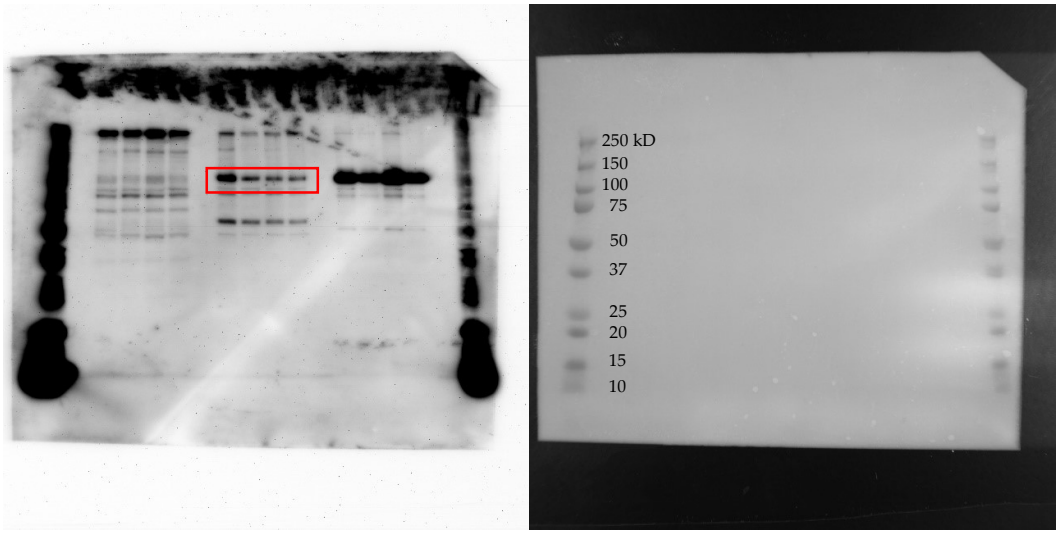
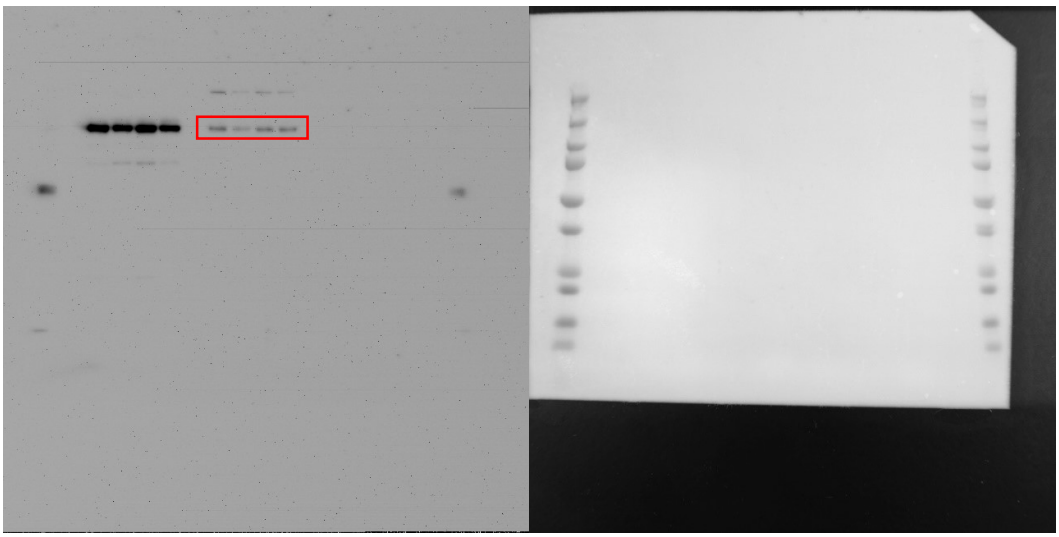
(A)

LNCaP

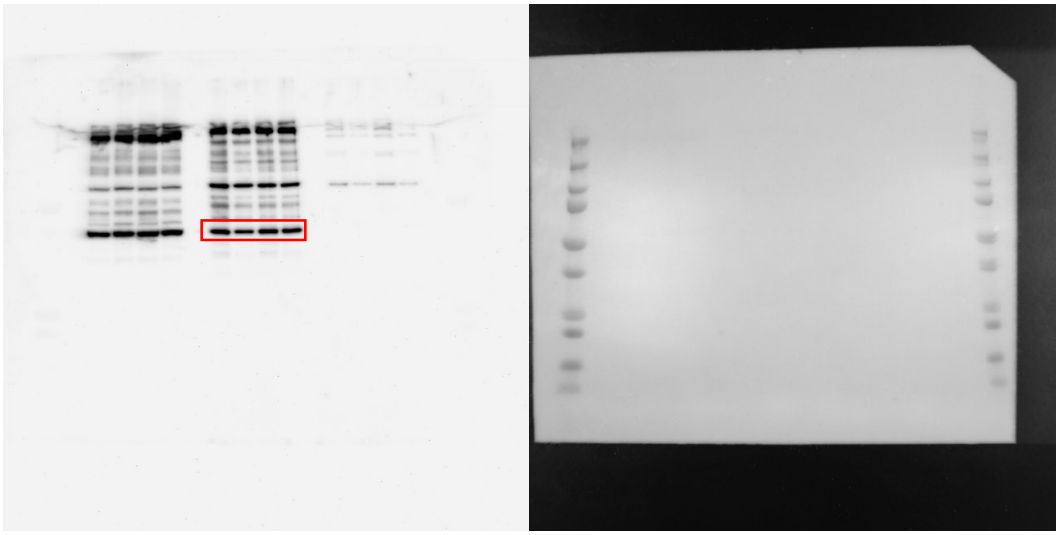
E-cadherin



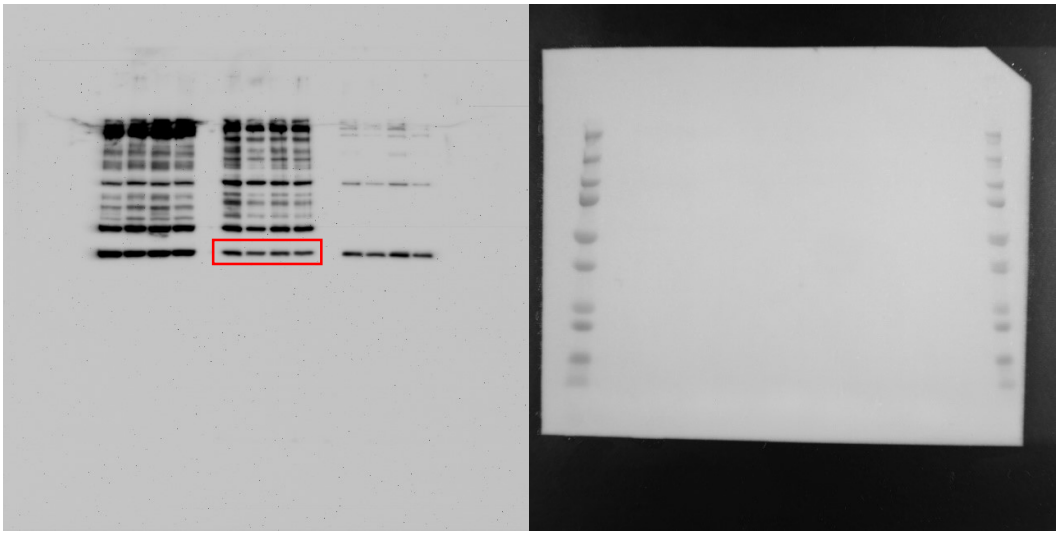
N-cadherin



Vimentin

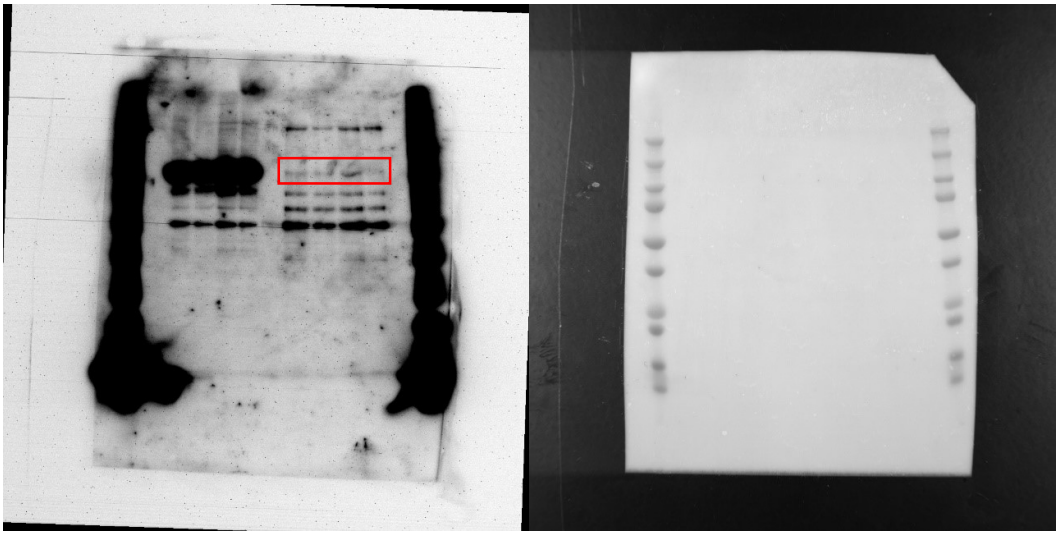


β-actin

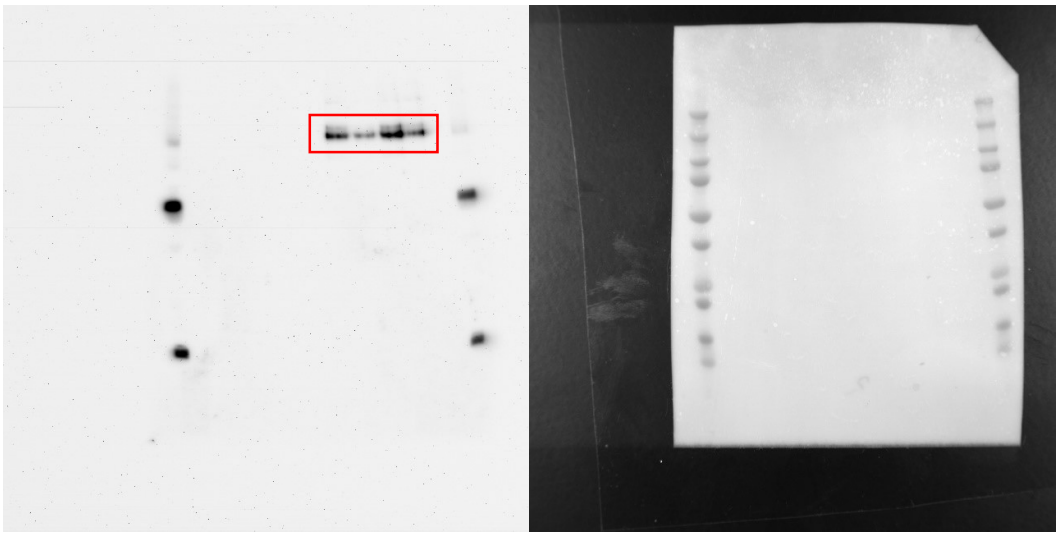


PC-3

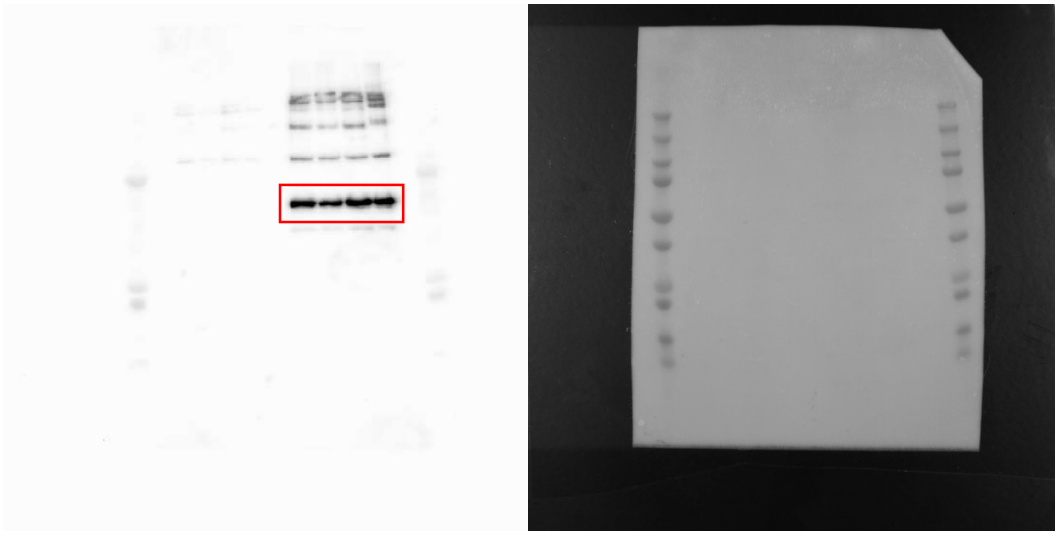
E-cadherin



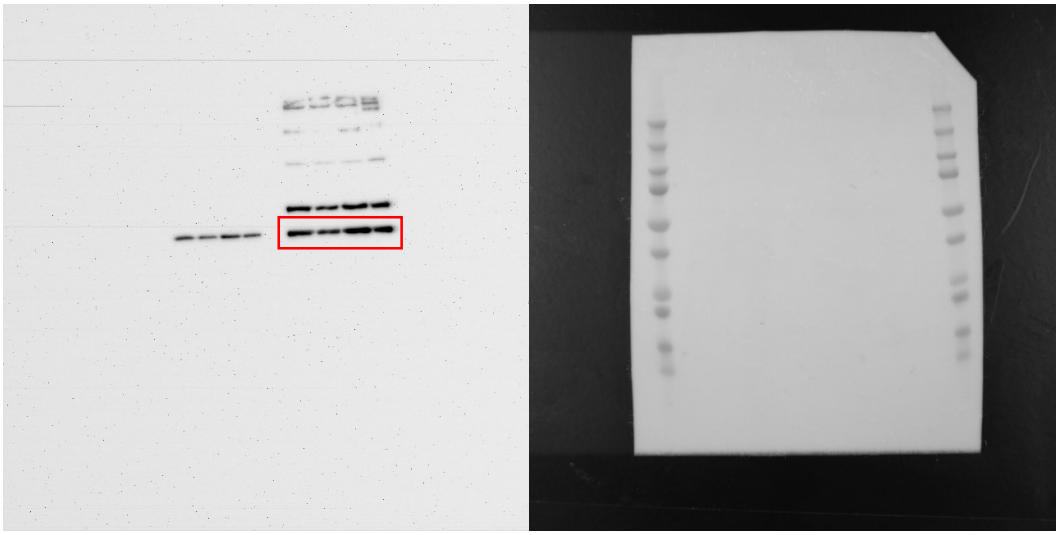
N-cadherin



Vimentin

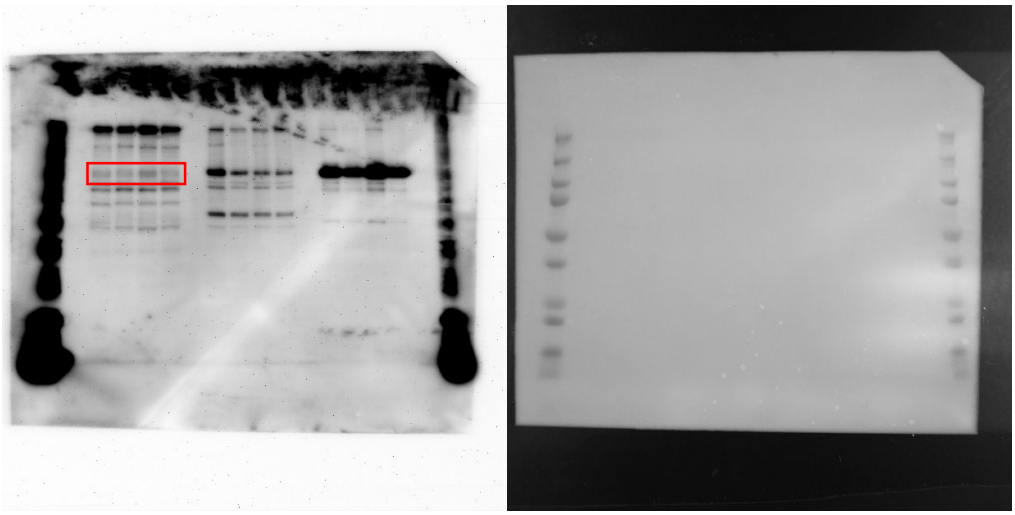


β-actin

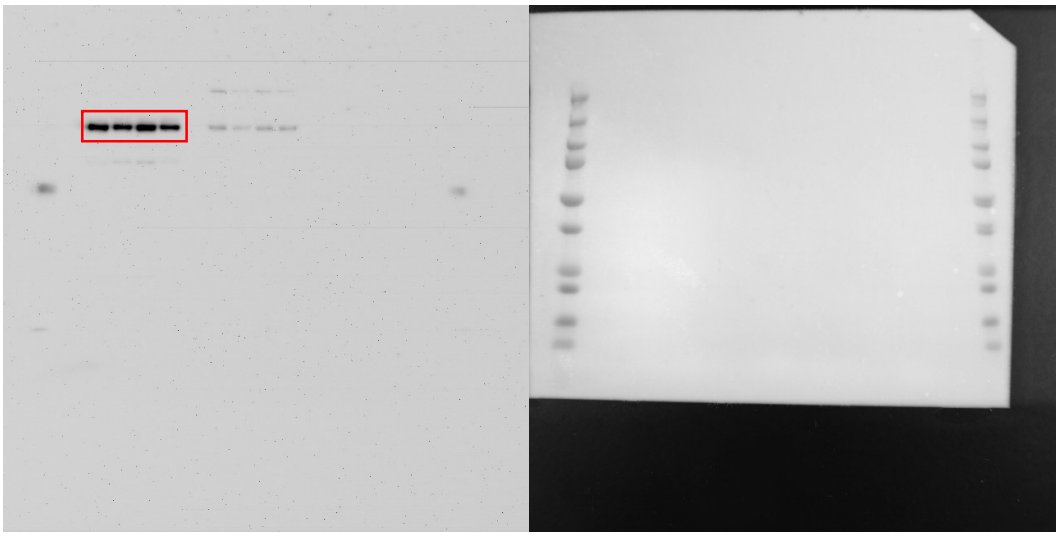


TRAMP-C2

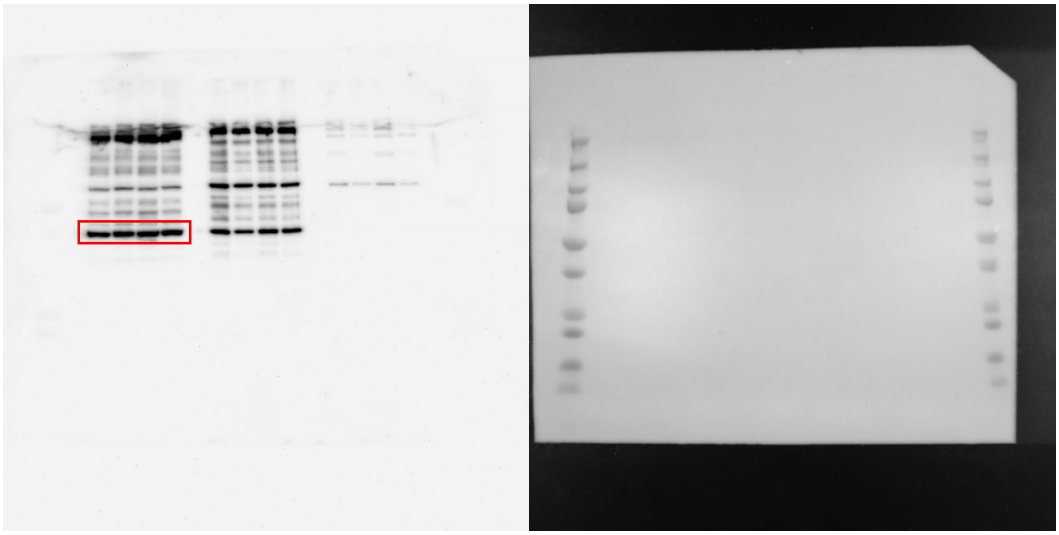
E-cadherin



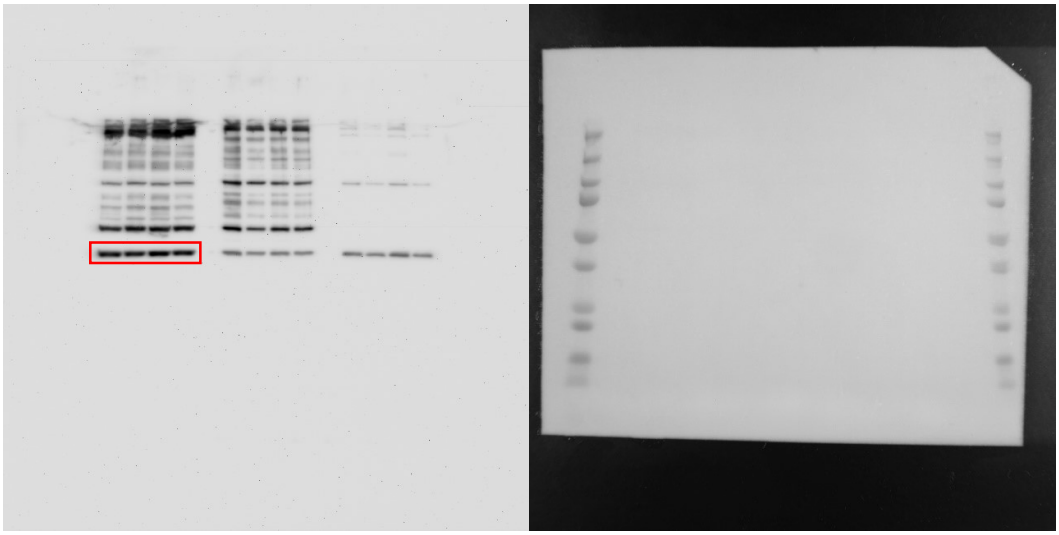
N-cadherin



Vimentin



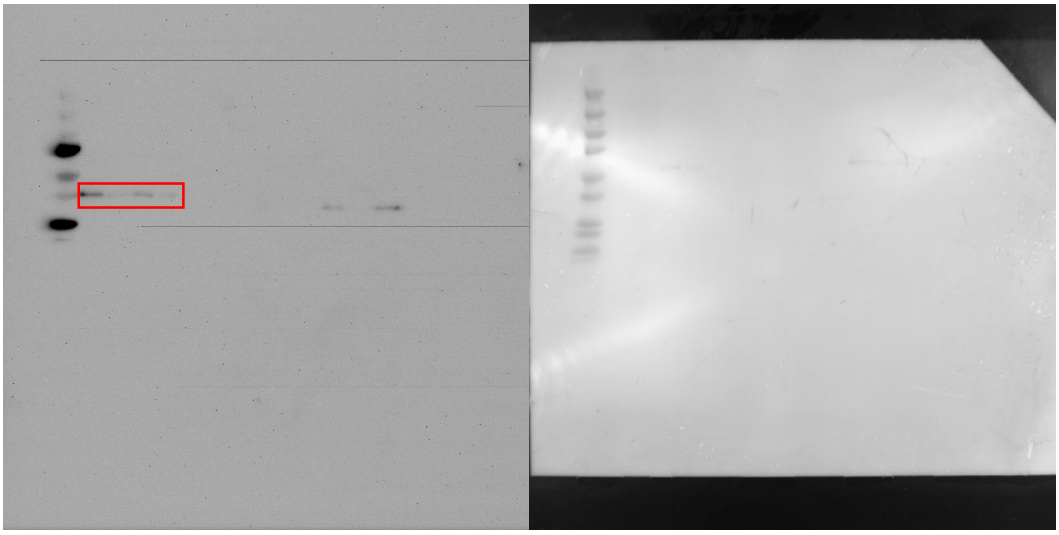
β-actin



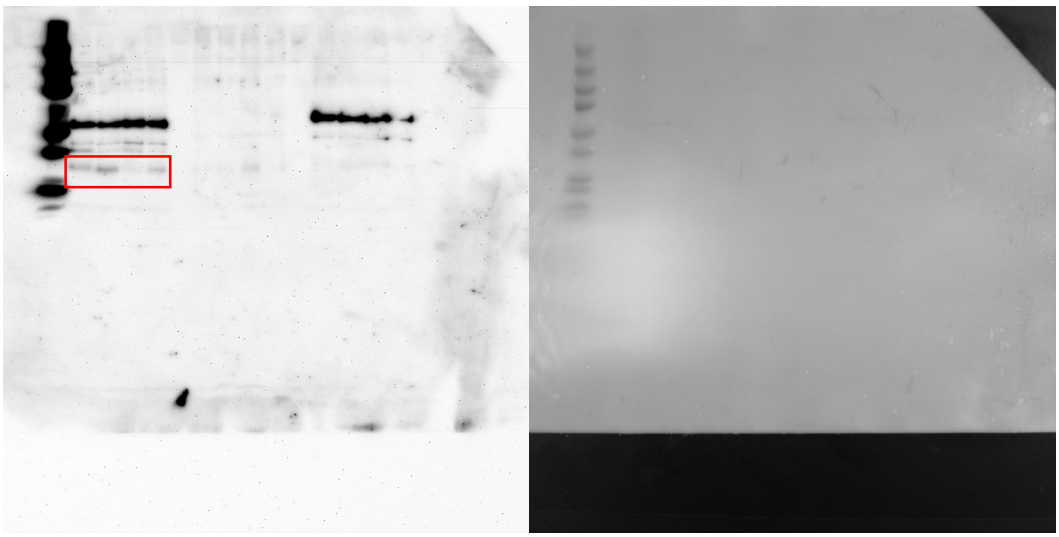
(B)

LNCaP

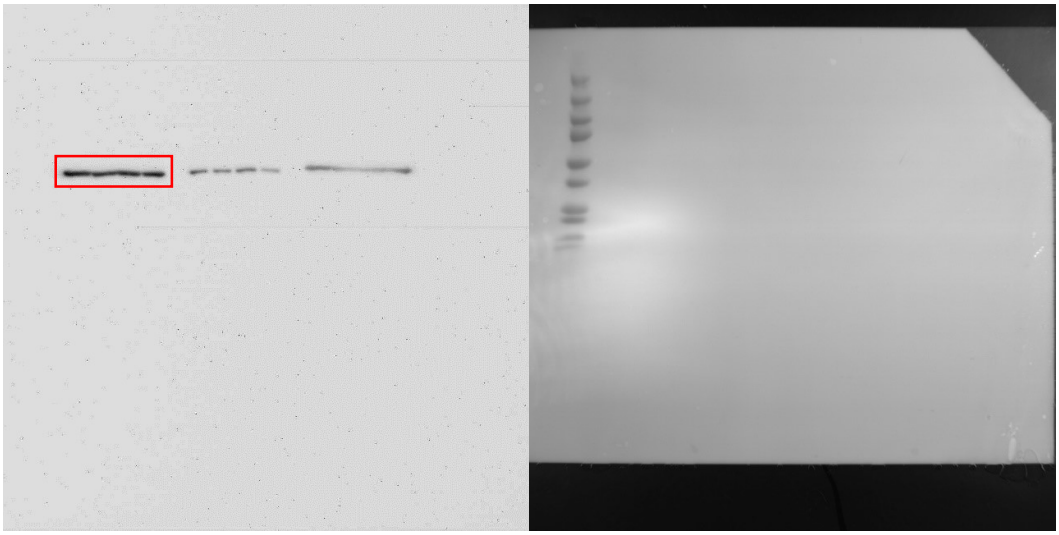
Slug



Snail

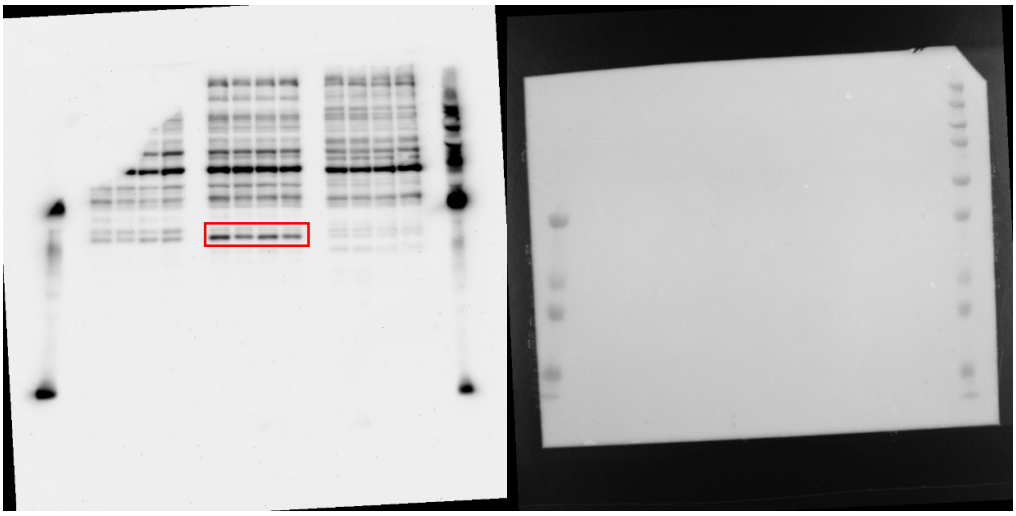


β-actin

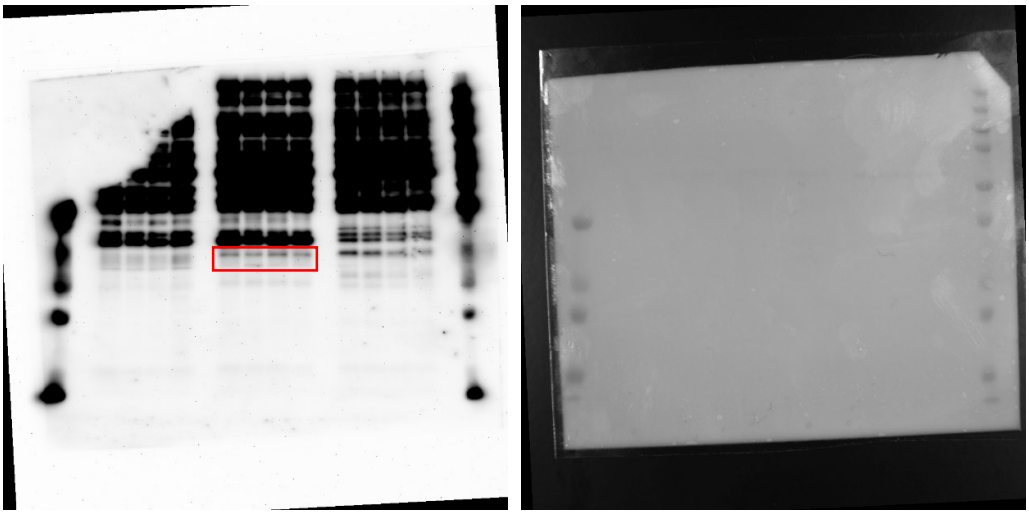


PC-3

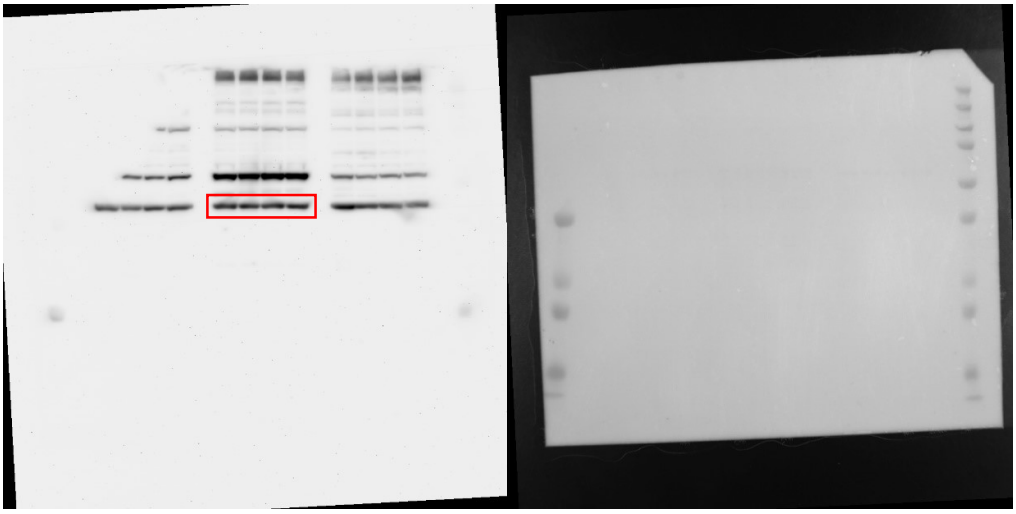
Slug



Snail

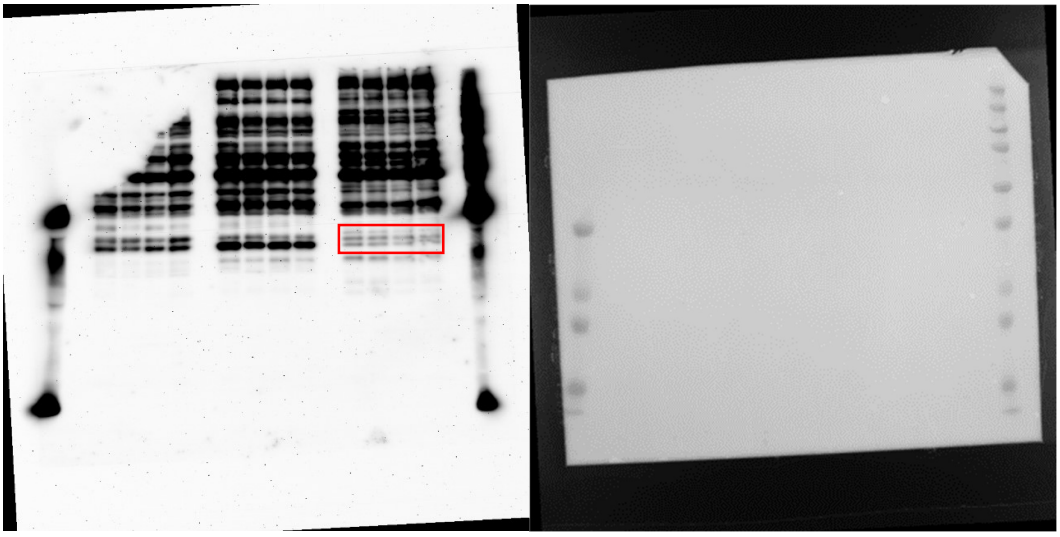


β-actin

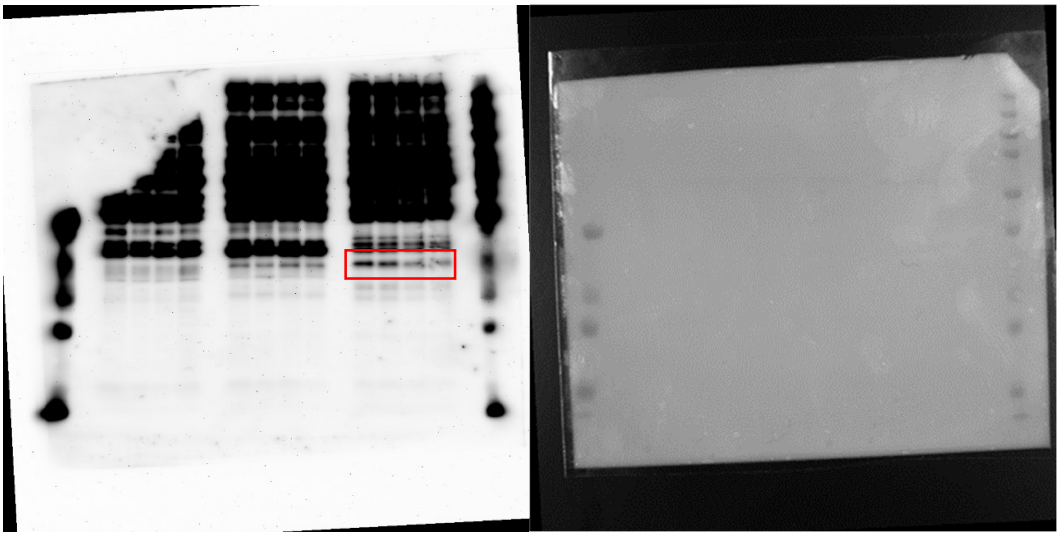


TRAMP-C2

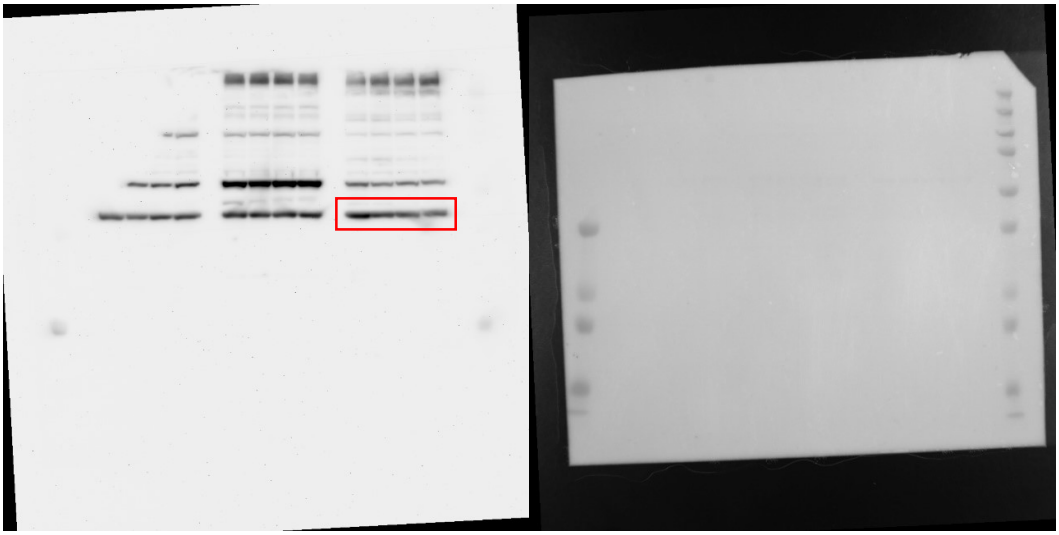
Slug



Snail



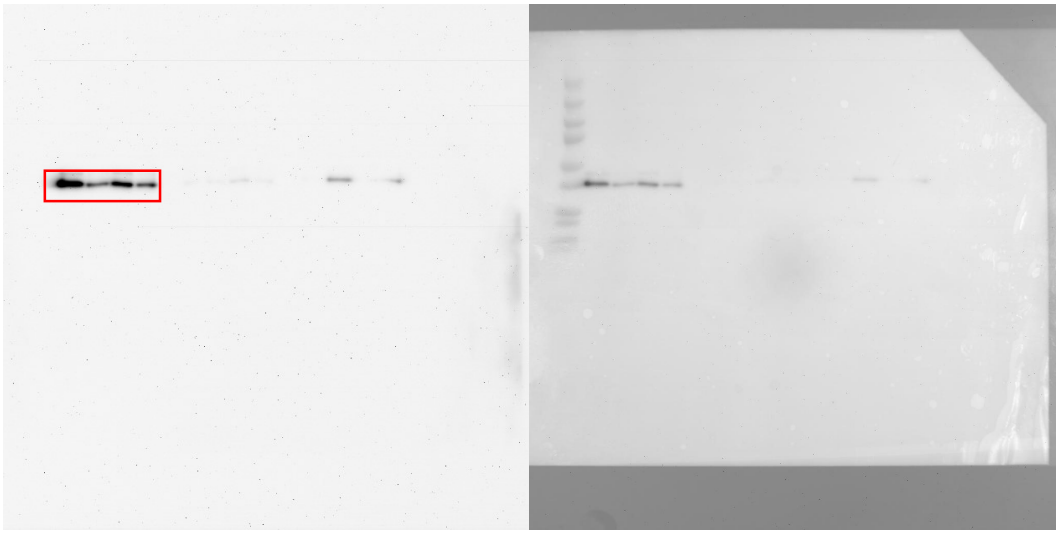
β-actin



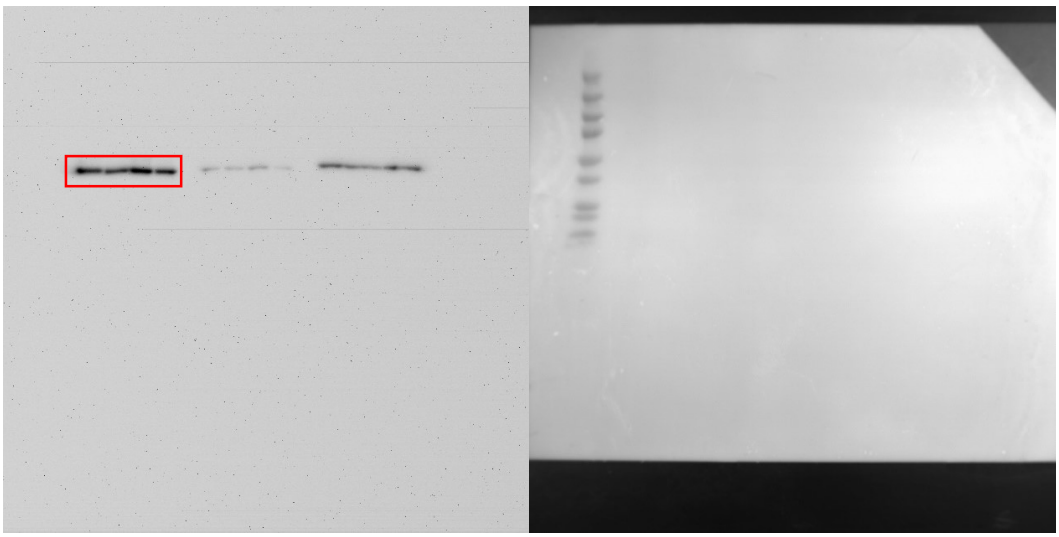
(C)

LNCaP

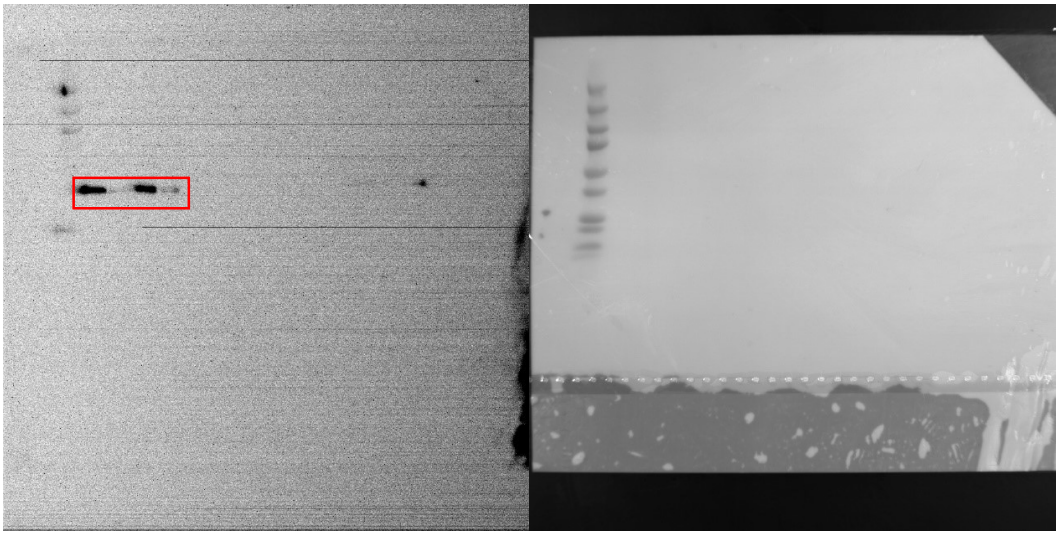
Phospho-p38



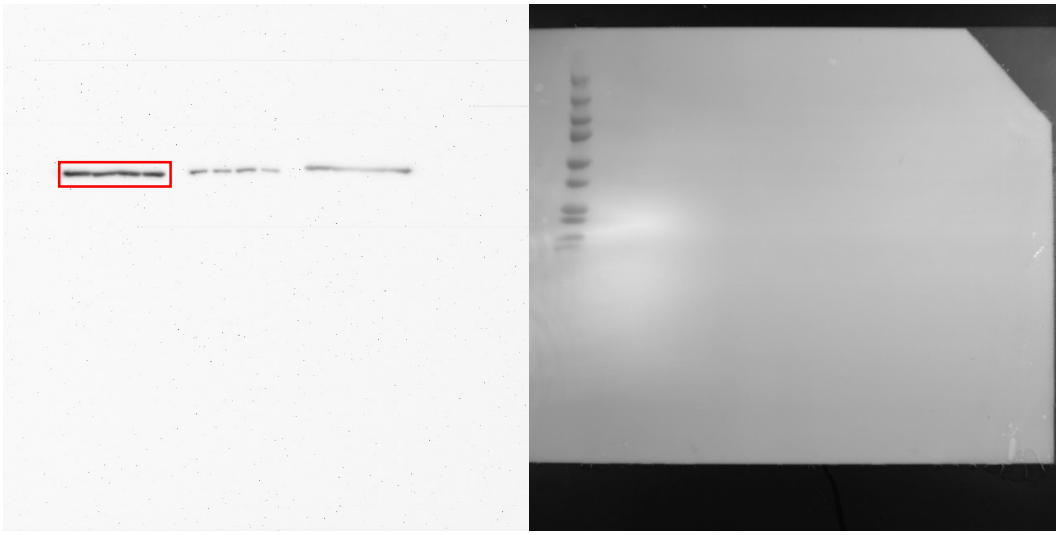
Phospho-SAPK/JNK



Phospho-Erk1/2

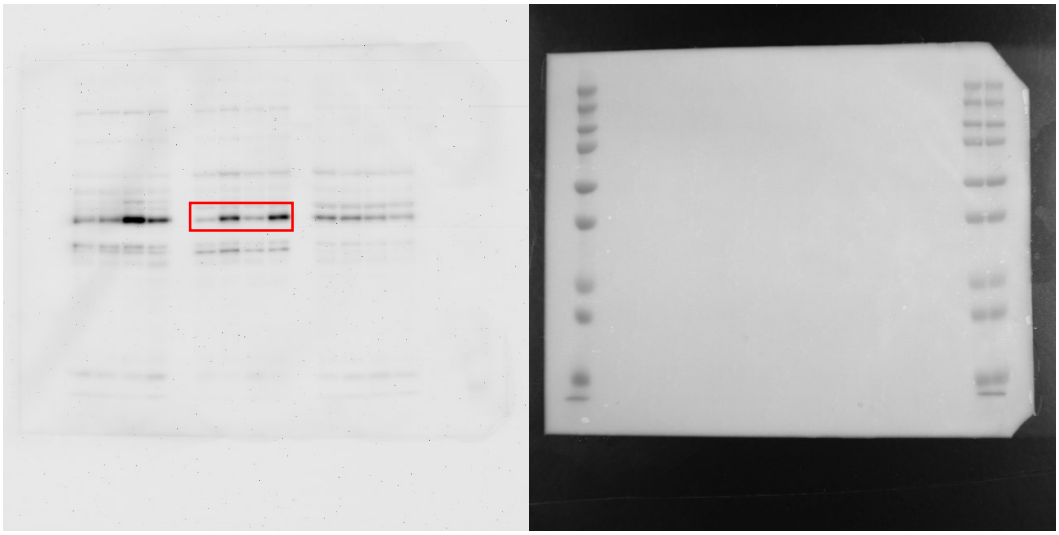


β-actin

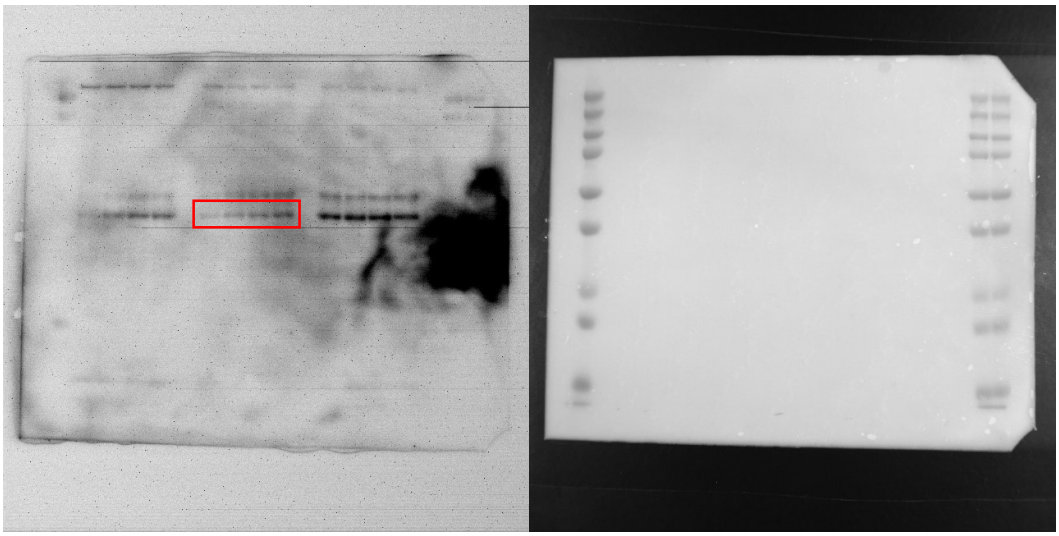


PC-3

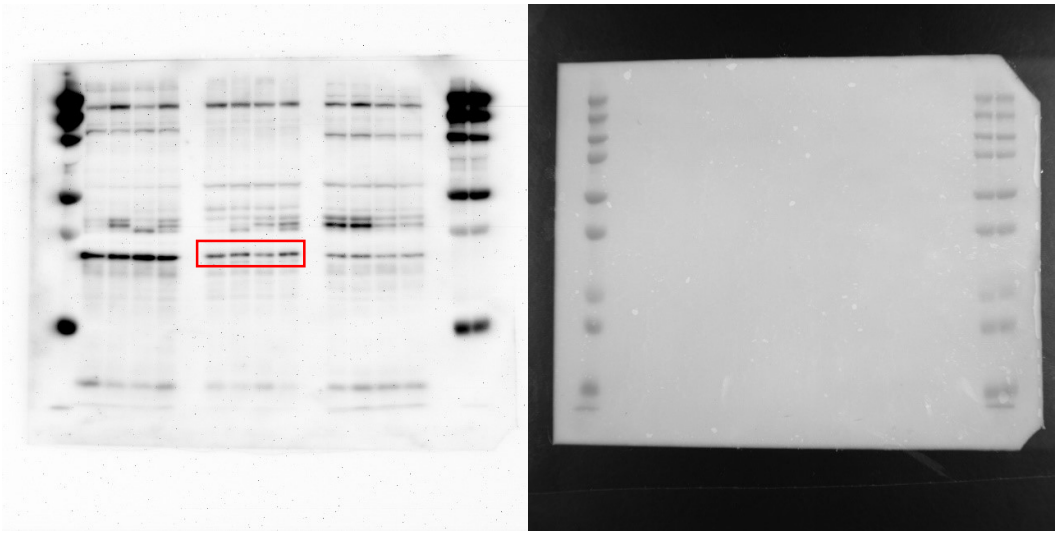
Phospho-p38



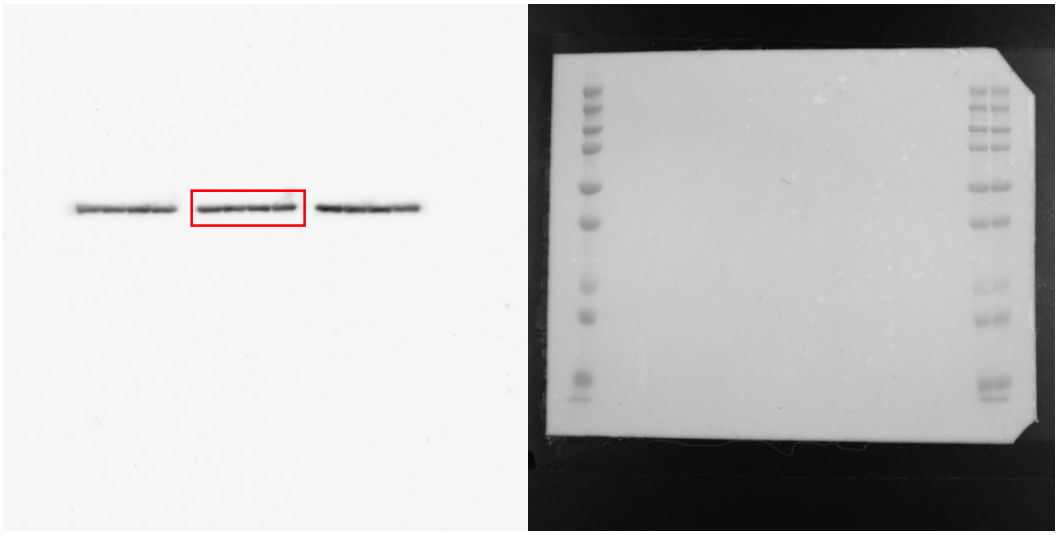
Phospho-SAPK/JNK



Phospho-Erk1/2

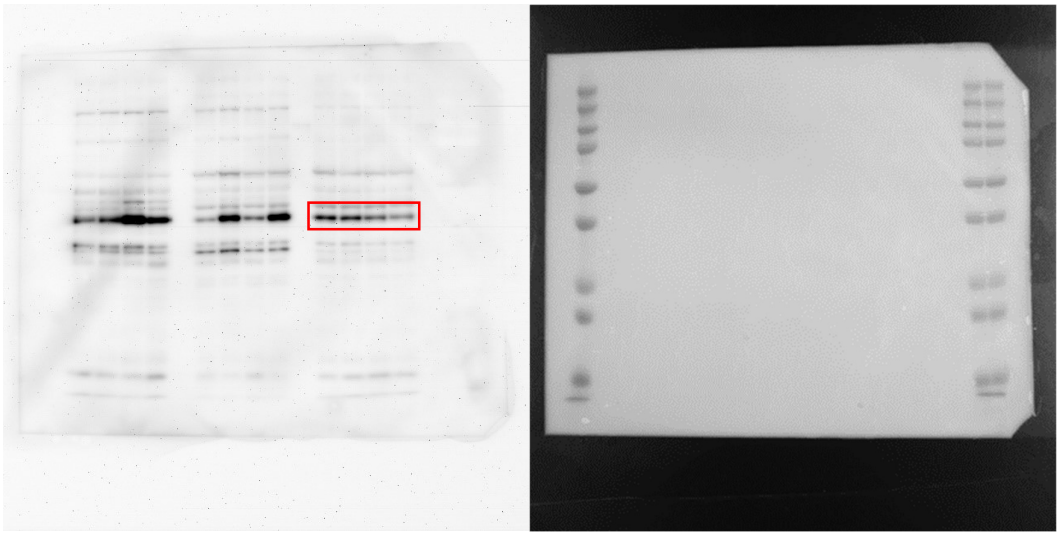


β-actin

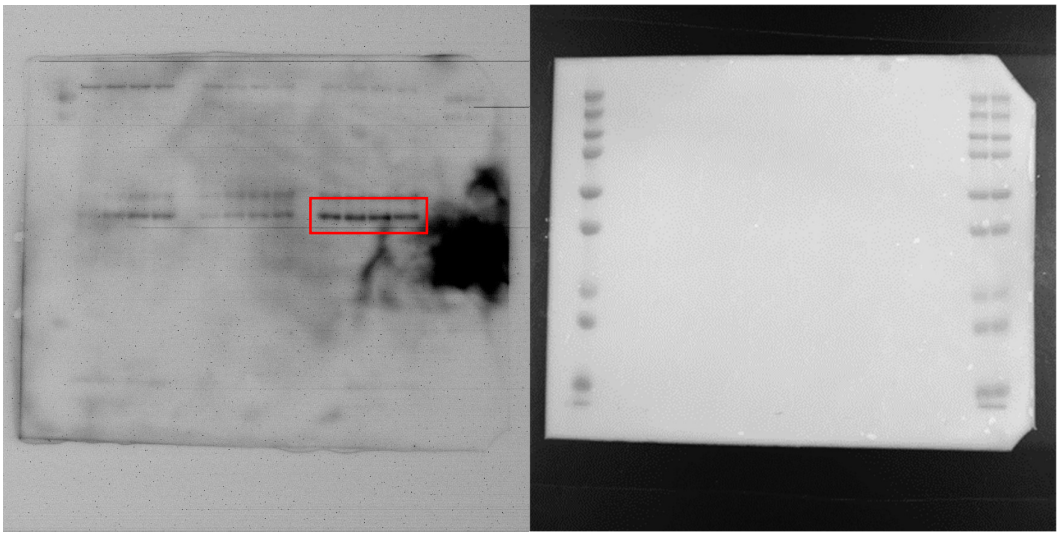


TRAMP-C2

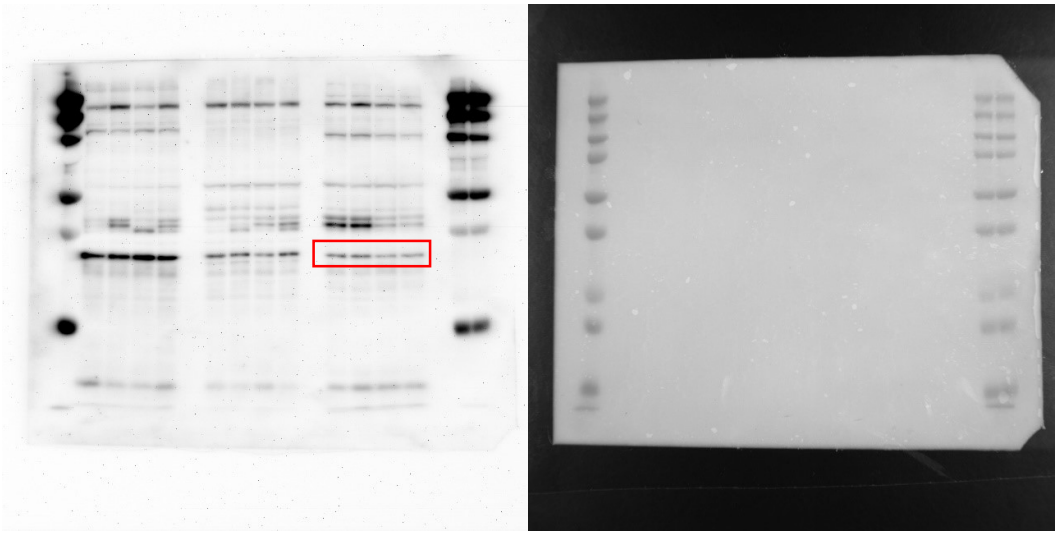
Phospho-p38



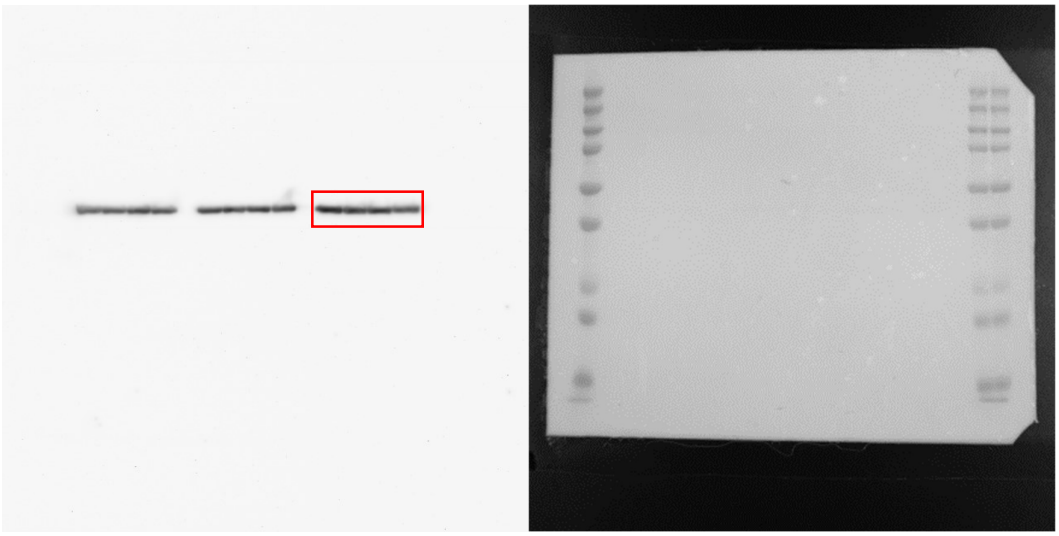
Phospho-SAPK/JNK



Phospho-Erk1/2



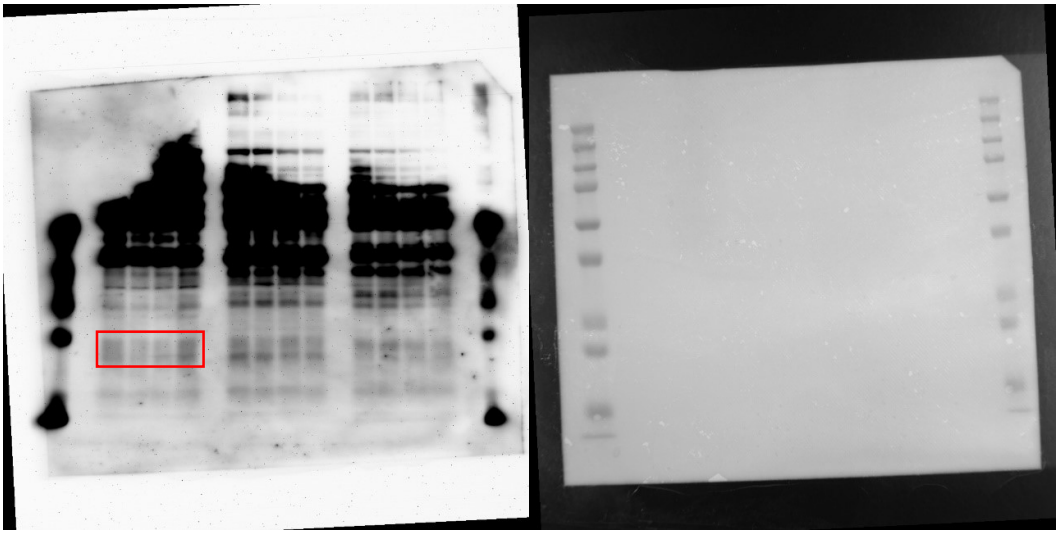
β-actin



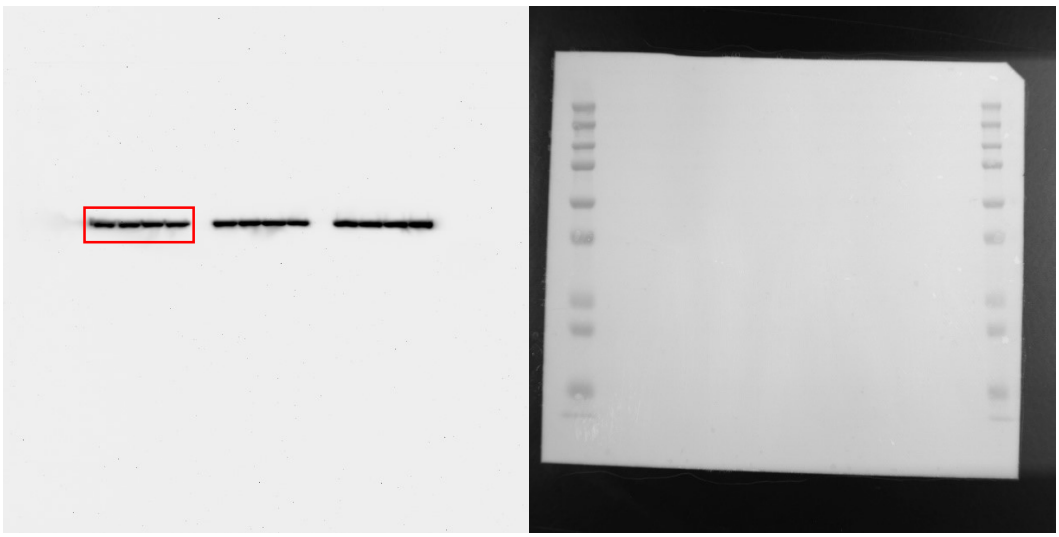
(D)

LNCaP

Ras

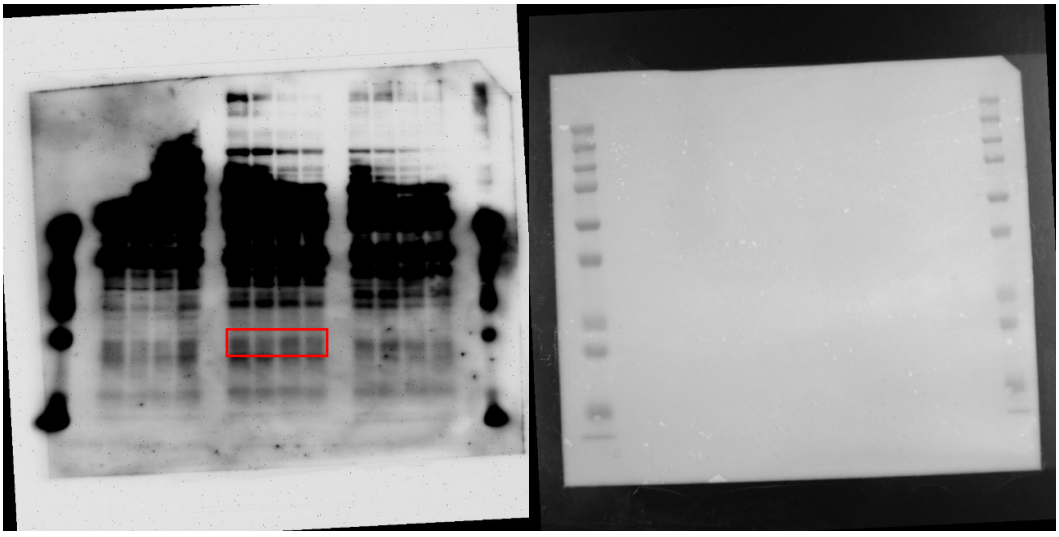


β-actin

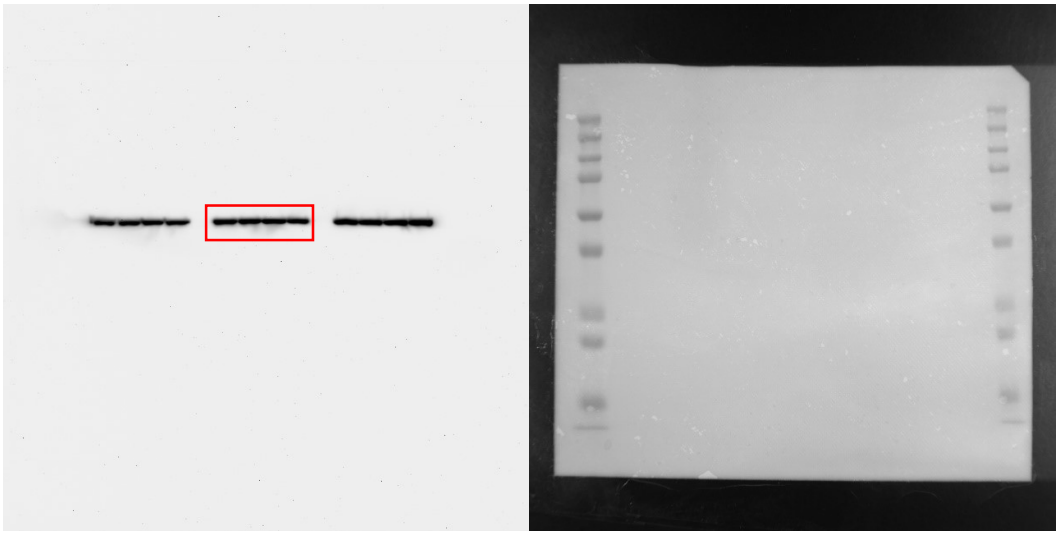


PC-3

Ras

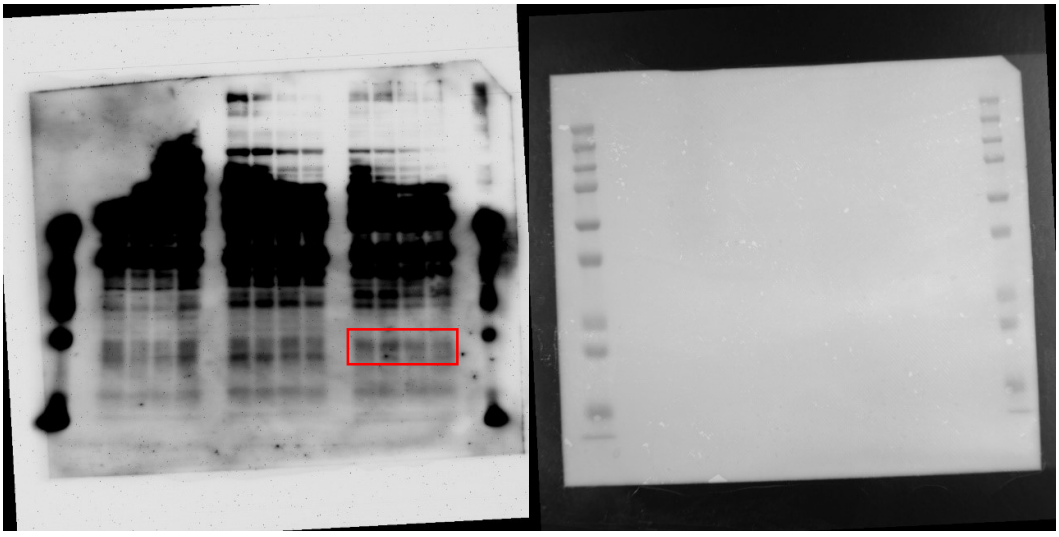


β-actin

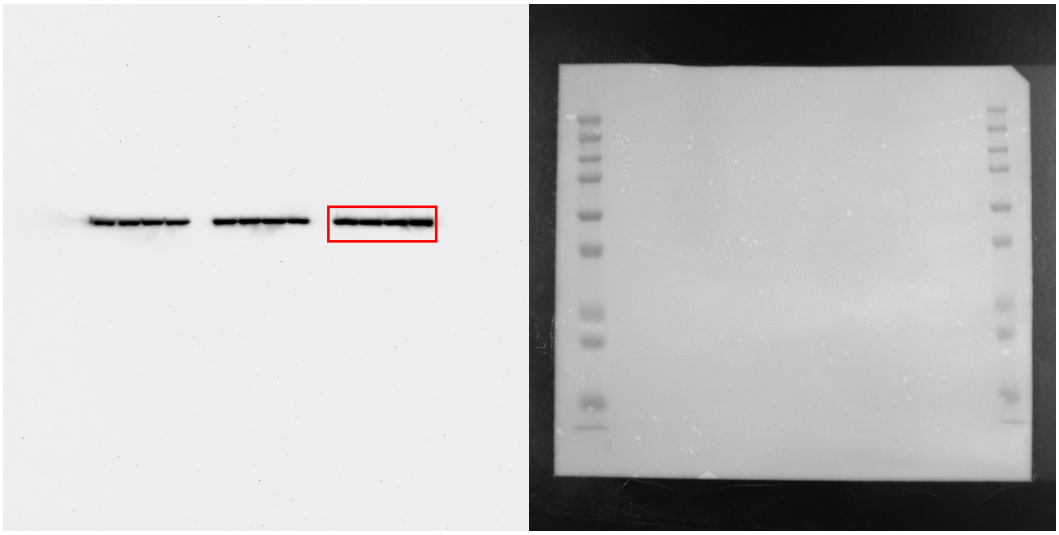


TRAMP-C2

Ras



β-actin



Supplementary Figure S1. Expression of EMT Related Protein and MAPK Signaling after Culture with Nanaomycin K. Protein expression of EMT-related markers and MAPK signaling. The expressions of (A)EMT markers (E-cadherin, N-cadherin, and Vimentin), (B)E-cadherin repressors (Slug, Snail), (C)MAPK signaling (phospho-p38, phospho-SAPK/JNK, phospho-ERK1/2), and (D)Ras were determined in the presence of 25 μg/mL Nanaomycin K and in the presence or absence of TGF-β in vitro for 48 h in LNCaP, PC-3, and TRAMP-C2 cells. β-actin was used as a housekeeping protein. In each protein, the left is a whole blot and

the right is a molecular weight marker taken at the same time. The molecular weight markers are all the same, and are shown from top to bottom as 250, 150, 100, 50, 37, 25, 20, 15, and 10 kD.