

Figure 1B

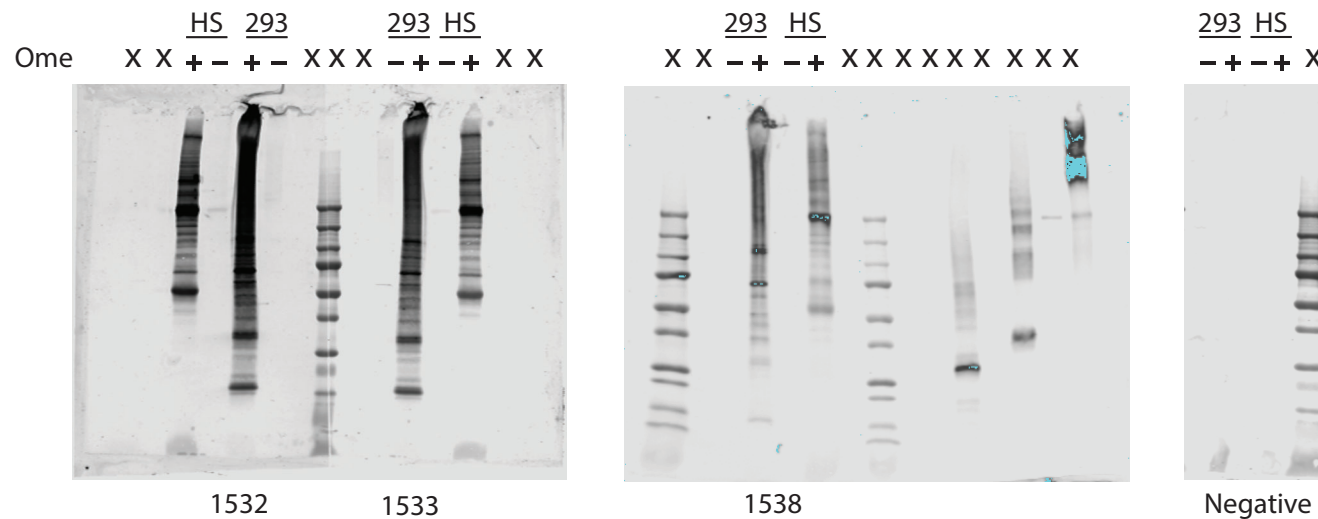
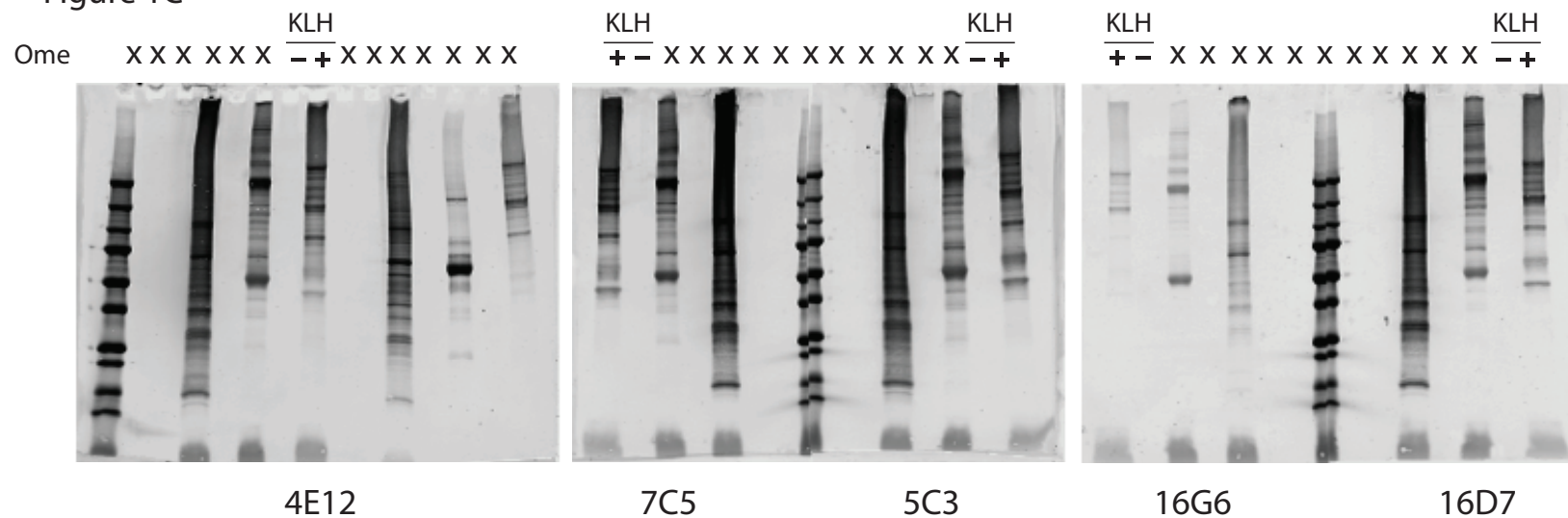


Figure 1C



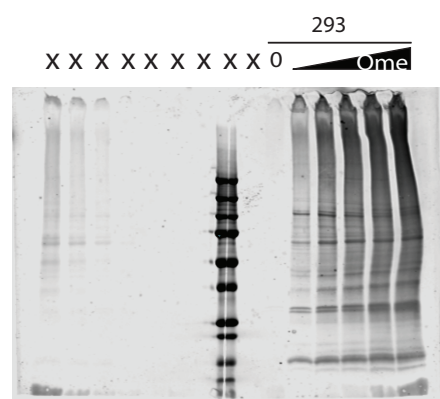
Sample wells were loaded in the indicated manner and Odyssey LICOR imager was used for the image capture.

Ome=Omeprazole

Figure 1B, 293 = HEK 293 cells lysate, HS = Human Serum

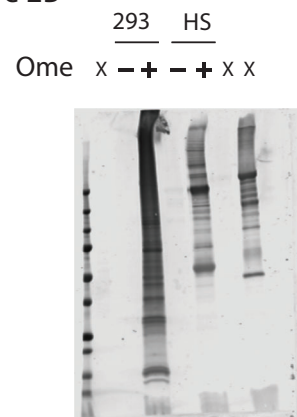
Figure 1C, KLH = Keyhole Lympet Hemocyanin

Figure 2A

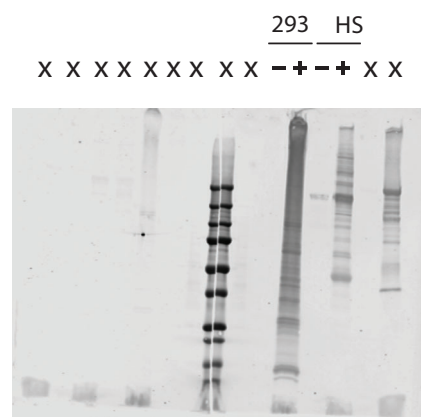


4E12

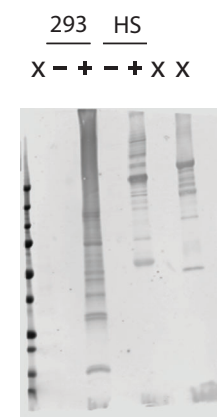
Figure 2B



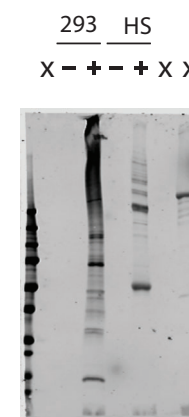
4E12



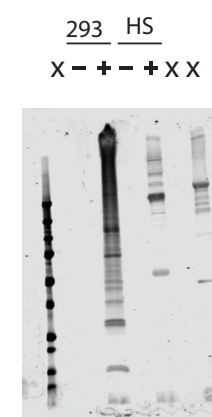
5C3



7C5

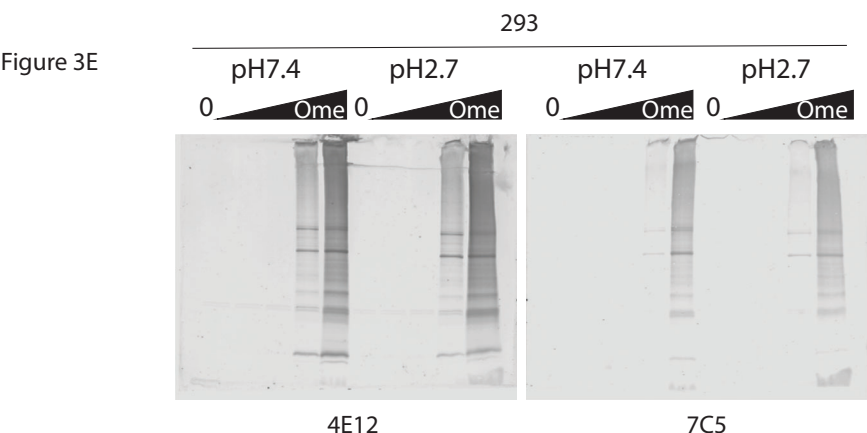
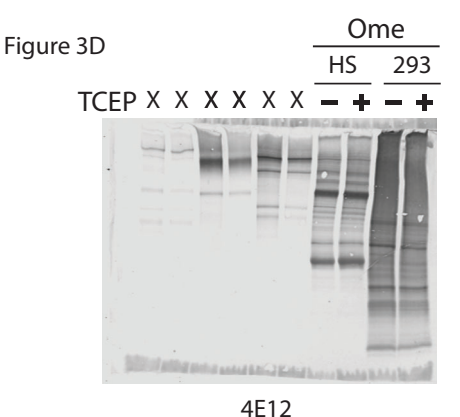
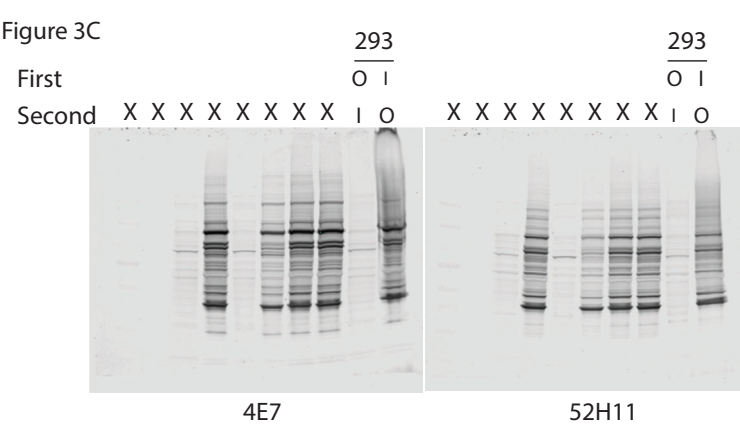
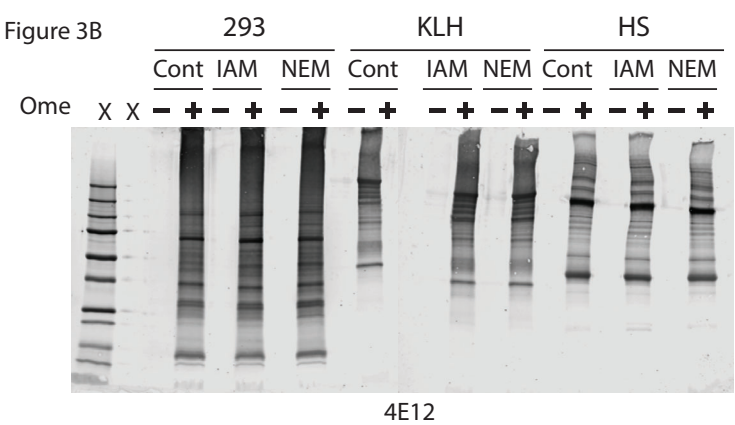
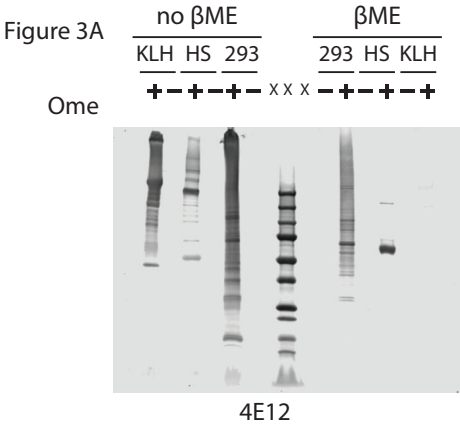


16D7



16G6

Sample wells were loaded in the indicated manner and Odyssey LICOR imager was used for the image capture.
Ome = omeprazole treatment dose in figure 1A, 0, 0.1, 0.25, 0.5, 1, 2mM. 293 = HEK 293 cells lysate,
Figure 2B, HS = Human Serum
X = sample not included in the manuscript



Samples wells were loaded as indicated in the figures above and Odyssey LICOR was used for the image capture.
 Ome = Omeprazole, 293 = 293 cells lysate, HS = Human Serum, KLH = Keyhole Lympet Hemocyanin, X = samples not included in the manuscript figures
 Figure 3B, Cont= Control, IAM = Iodoacetamide, NEM = N-ethylmaleimide
 Figure 3C, I = Iodoacetamide, O = Omeprazole

Figure 4A

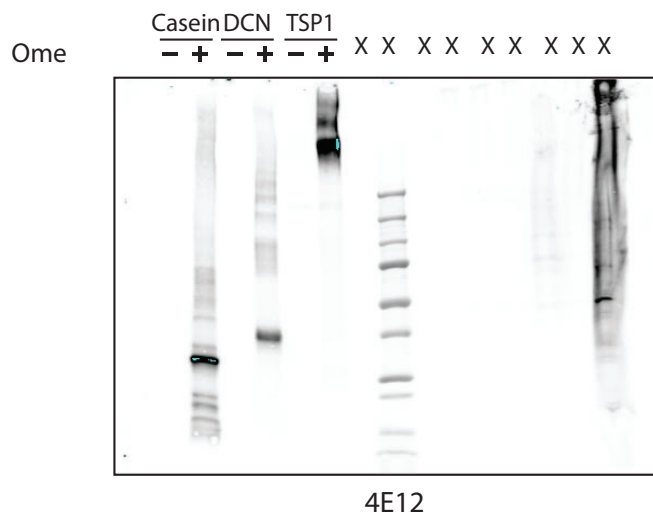


Figure 4B

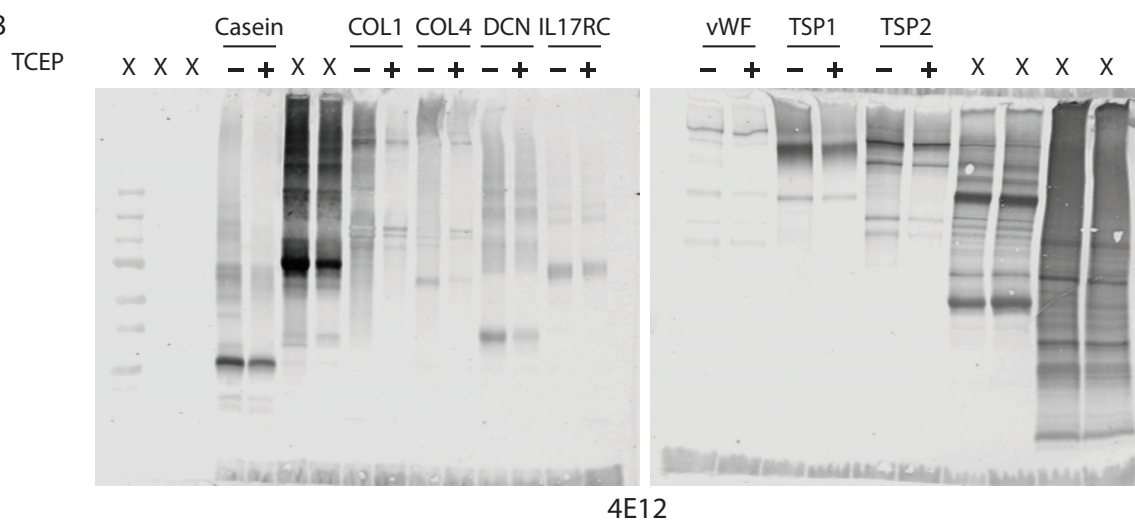
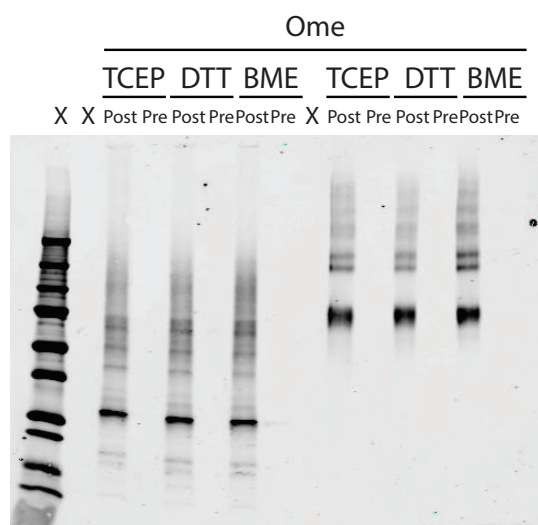


Figure 4C



Sample wells loading are as shown in the figures. Odyssey LICOR imager was used for the image capture.

Ome = Omeprazole

X = Sample not included in the manuscript

Figure 5A

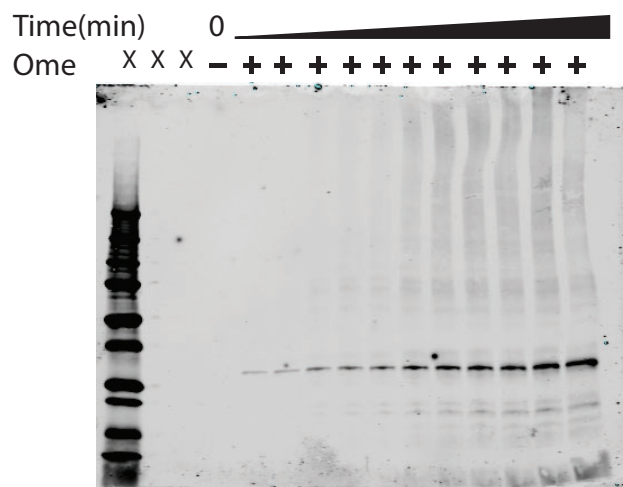
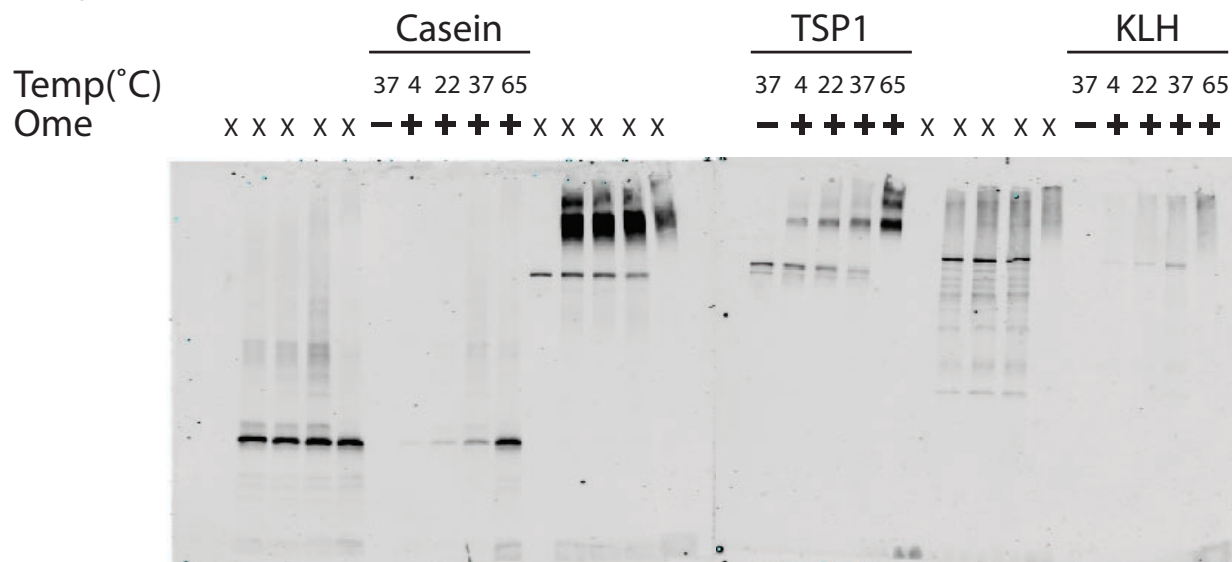
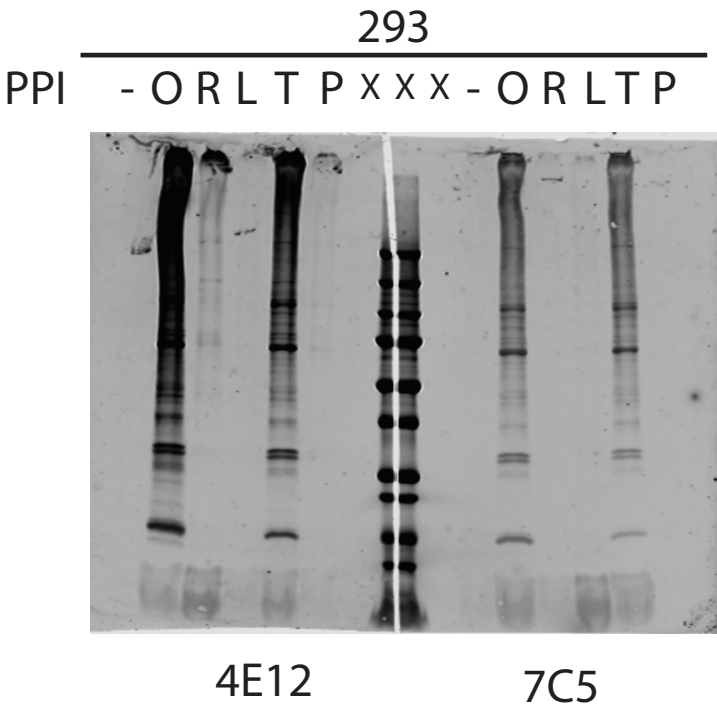


Figure 5B



All samples were loaded as indicated and Odyssey LICOR was used for the image capture.
X = sample not included in the manuscript figures.

Figure 5A



Sample wells were loaded as indicated and Odyssey LICOR imager was used for image capture.

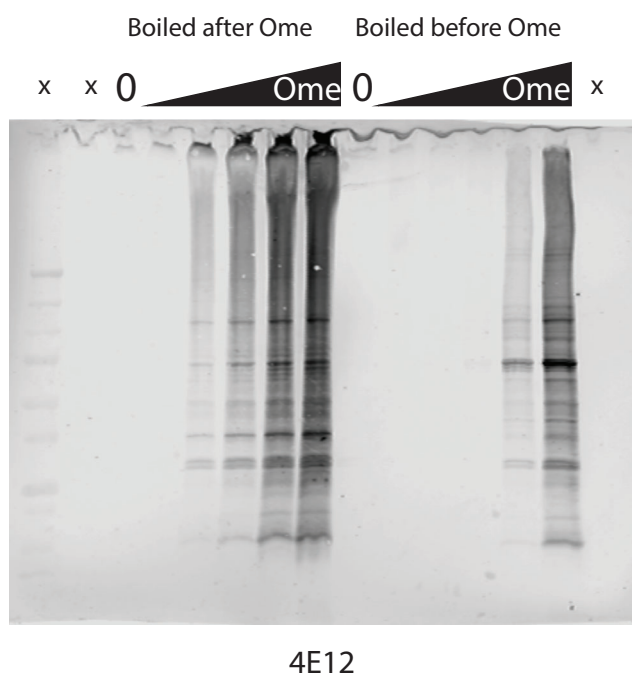
293 = HEK 293 cells lysate

PPI = proton pump inhibitor

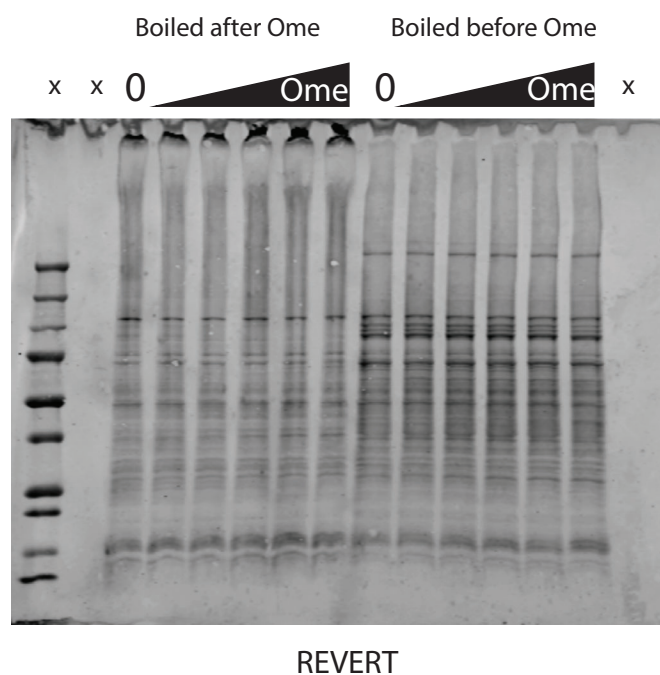
O = omeprazole, R = Rabeprazole, L= Lansoprazole, T = Tenatoprazole

P = Pantoprazole

Supplemental Figure A



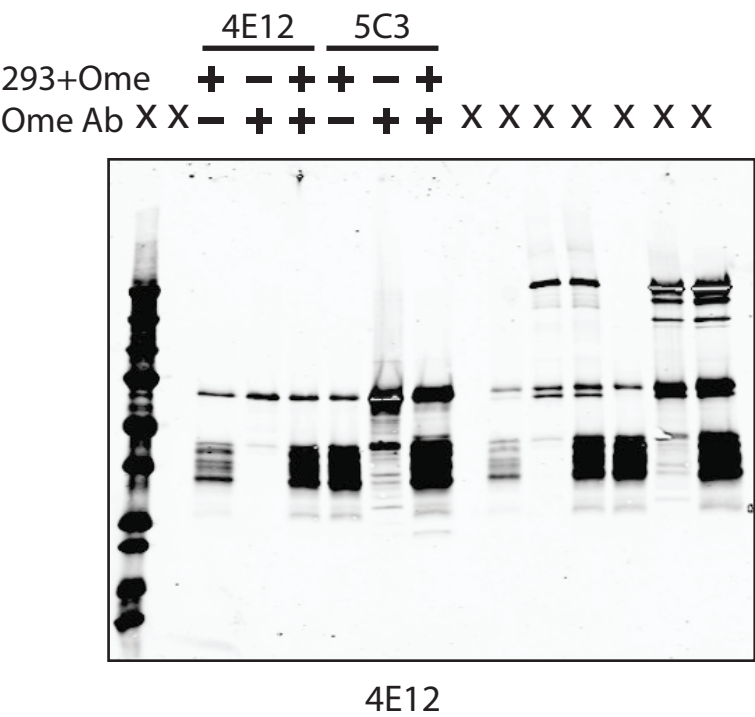
B



Sample wells were loaded as indicated and Odyssey LICOR imager was used for image capture.

Ome = Omeprazole concentration 1, 10, 25, 50, 100 μ M.

Supplemental Figure 2



Sample wells were loaded as indicated and Odyssey LICOR imager was used for image capture.

293 = HEK 293 lysates, Ome = Omeprazole,
Ome Ab = Omeprazole monoclonal antibody
X = sample not included in the manuscript figure.