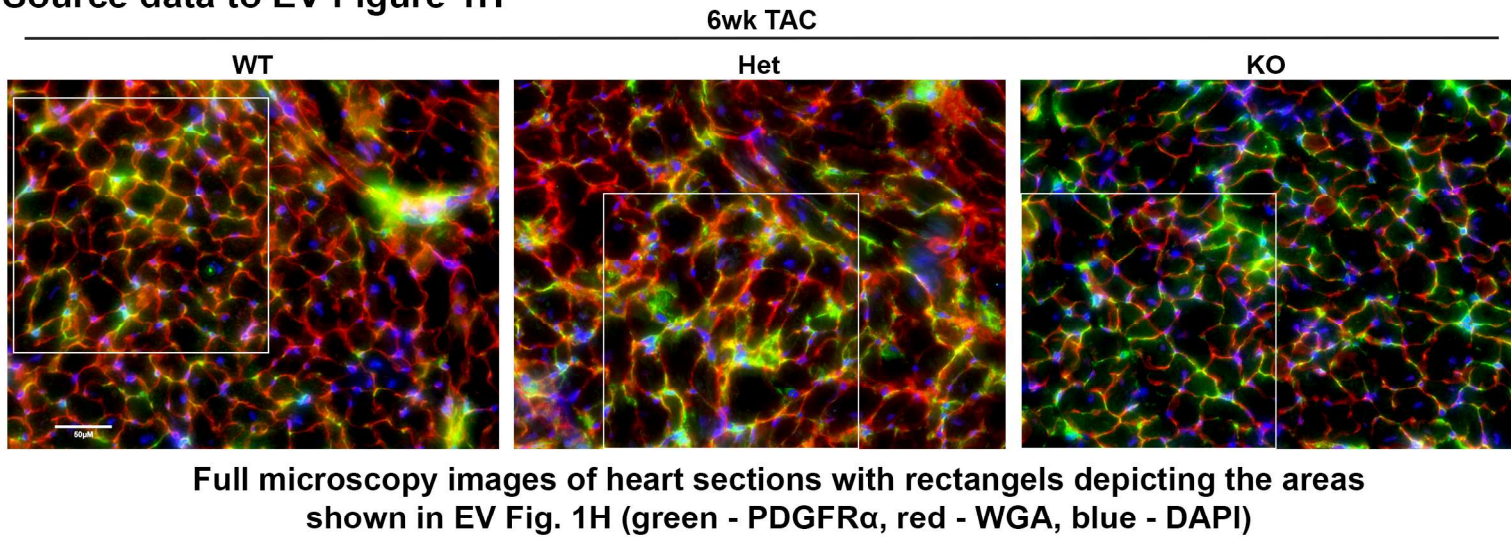
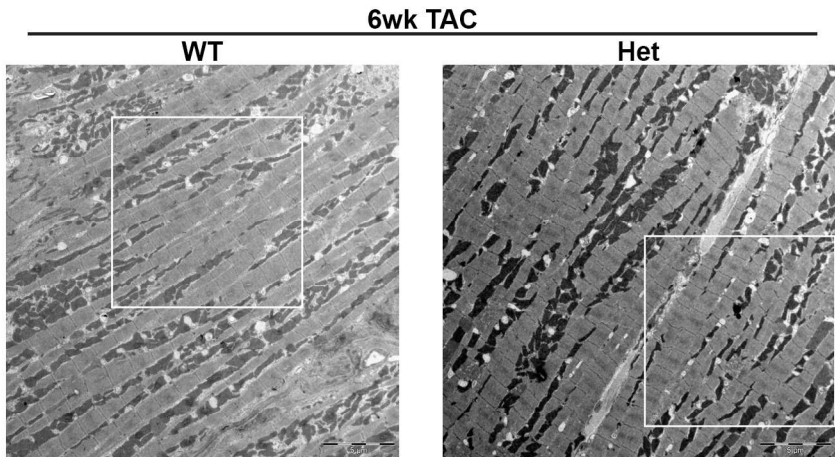


Source data to EV Figure 1H

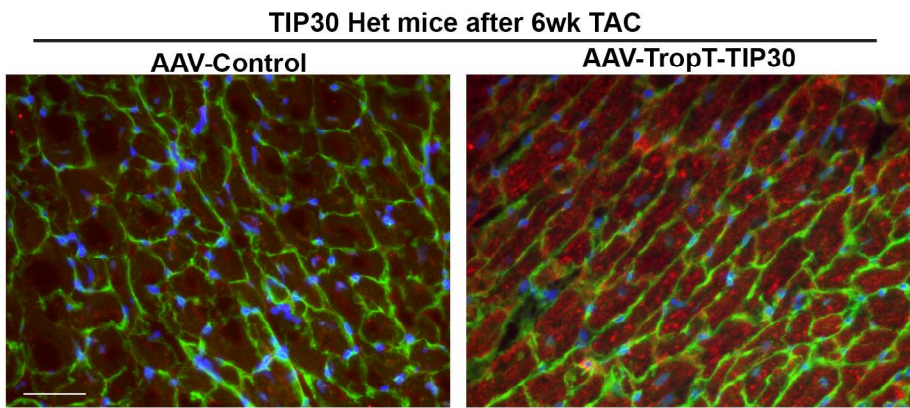


Source data to EV Figure 1K



Full electron microscopy images of heart sections with rectangles depicting the areas shown in EV Fig. 1K

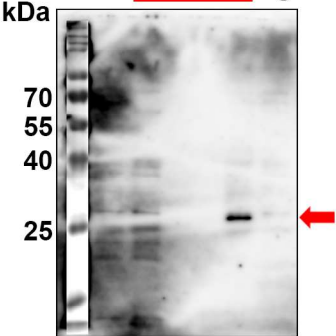
Source data to EV Figure 1L



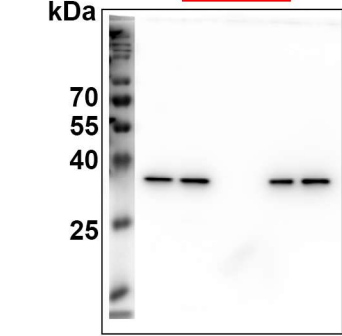
Full microscopy images of heart sections shown in EV Fig. 1L (green - WGA, red - TIP30, blue - DAPI)

Source data to EV Figure 1M

shown in EV Fig. 1M

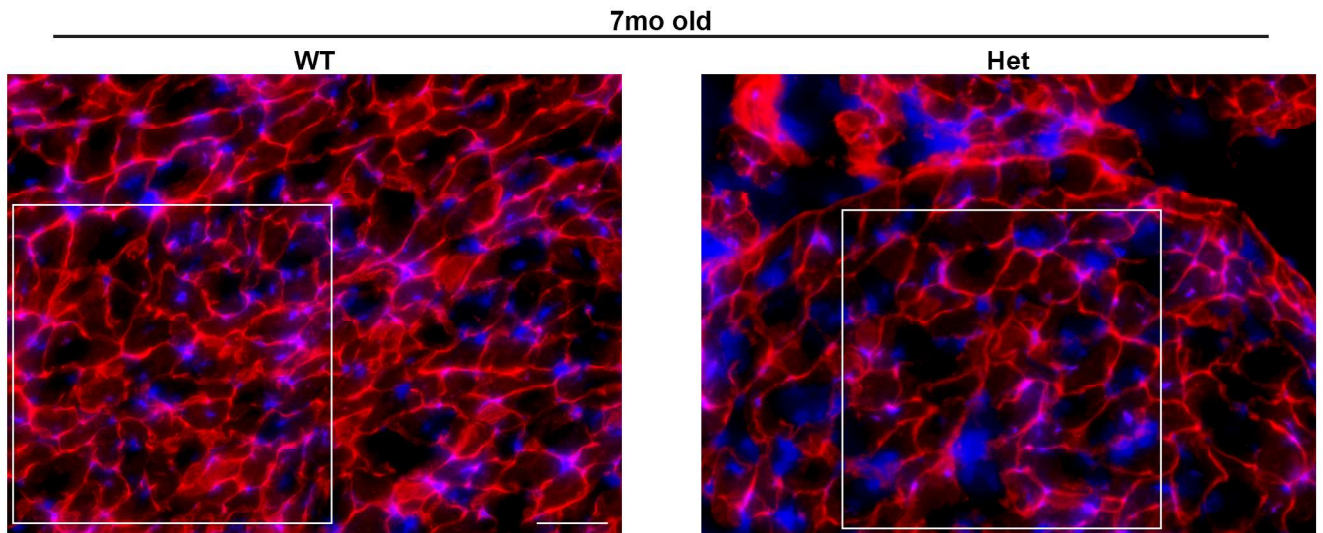


shown in EV Fig. 1M



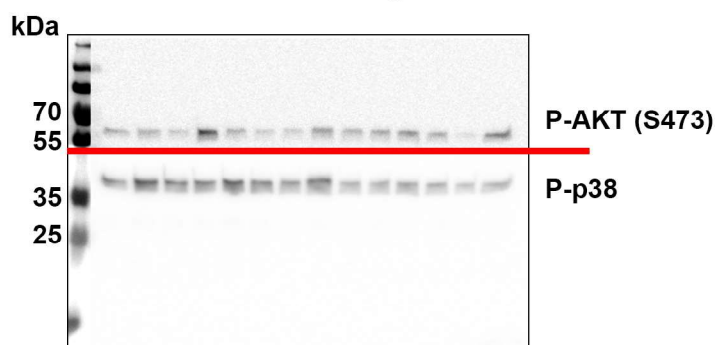
Full unedited Western Blot membrane stripped and incubated with anti-GAPDH (Fitzgerald #10R-G109a)

Source data to EV Figure 2F

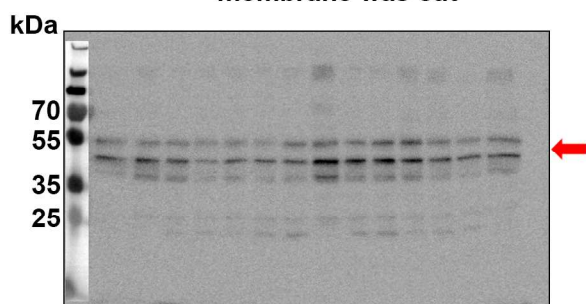


Full microscopy images of heart sections with rectangles depicting the areas shown in EV Fig. 2F (red - WGA, blue - DAPI)

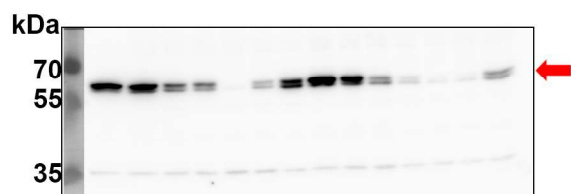
Source data to EV Figure 3A



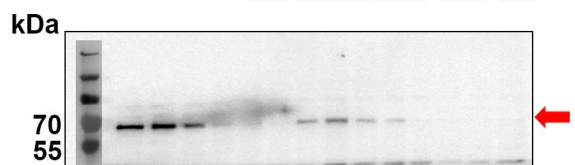
Full unedited Western Blot membrane incubated with anti-Phospho-AKT (S473, Cell Signaling #9271) and anti-Phospho-p38 (Cell Signaling #9211); membrane was cut



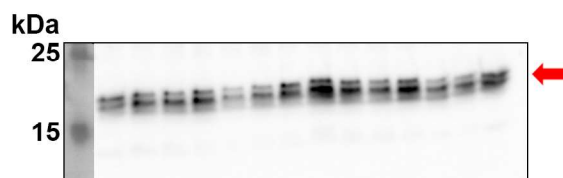
Full unedited Western Blot membrane incubated with anti-Phospho-SAPK/JNK (T183/Y185; Cell Signaling #9251)



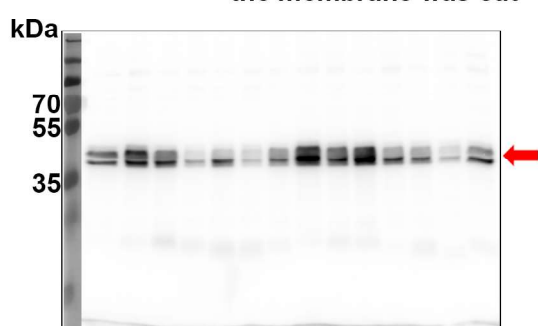
Full unedited Western Blot membrane incubated with anti-Phospho-p70S6 kinase (S371; Cell Signaling #9208); the membrane was cut



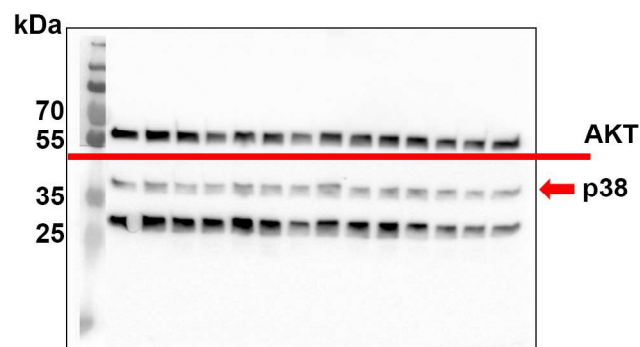
Full unedited Western Blot membrane incubated with anti-Phospho-p70S6 kinase (T389; Cell Signaling #9234); the membrane was cut



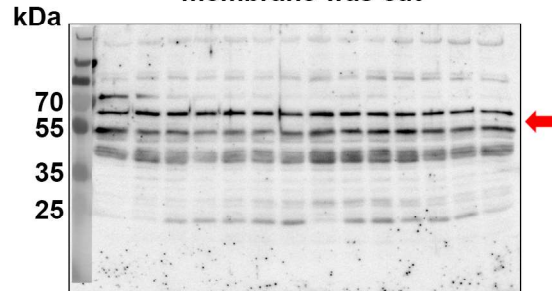
Full unedited Western Blot membrane incubated with anti-Phospho-4E-BP1 (T37/46; Cell Signaling #2855); the membrane was cut



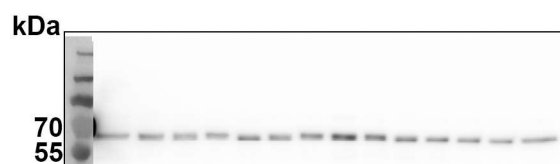
Full unedited Western Blot membrane incubated with anti-Phospho-ERK1/2 (T202/Y204; Cell Signaling #9101)



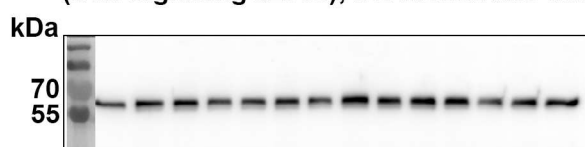
Full unedited Western Blot membrane stripped and incubated with anti-AKT (Cell Signaling #9272) and anti-p38 (Cell Signaling #9212); membrane was cut



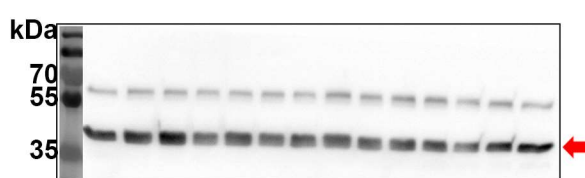
Full unedited Western Blot membrane stripped and incubated with anti-SAPK/JNK (Cell Signaling #9252)



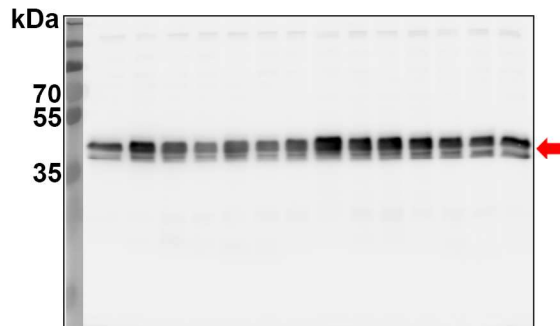
Full unedited Western Blot membrane stripped and incubated with anti-p70S6 kinase (Cell Signaling #2708); the membrane was cut



Full unedited Western Blot membrane stripped and incubated with anti-p70S6 kinase (Cell Signaling #2708); the membrane was cut

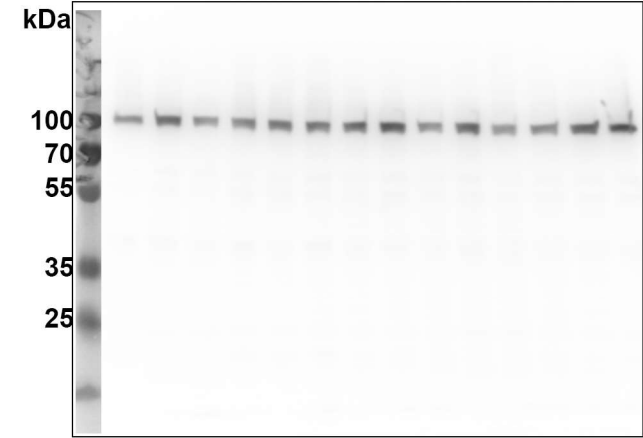


Full unedited Western Blot membrane stripped and incubated with anti-Actin (Sigma #2066); the membrane was cut

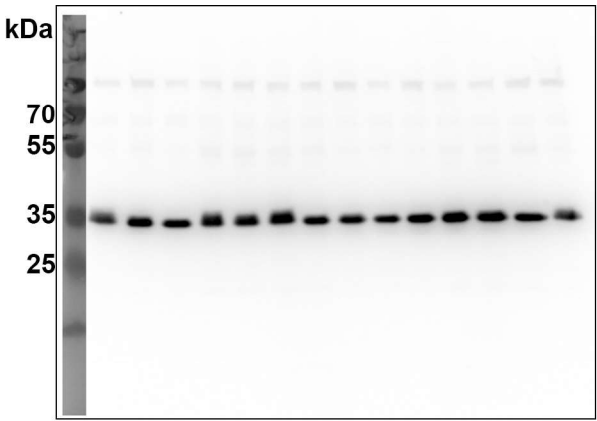


Full unedited Western Blot membrane stripped and incubated with anti-ERK1/2 (Cell Signaling #9102)

Source data to EV Figure 3A

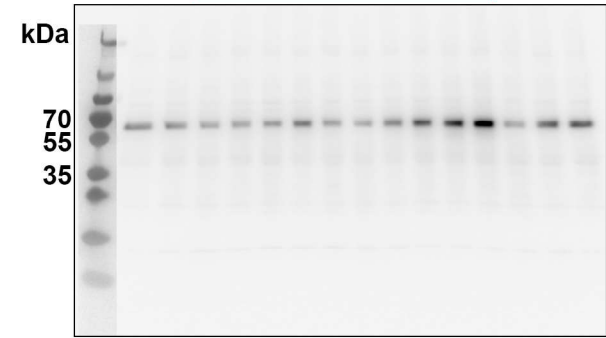


Full unedited Western Blot membrane incubated with anti-Phospho-eEF2 (T56, Cell Signaling #2331)



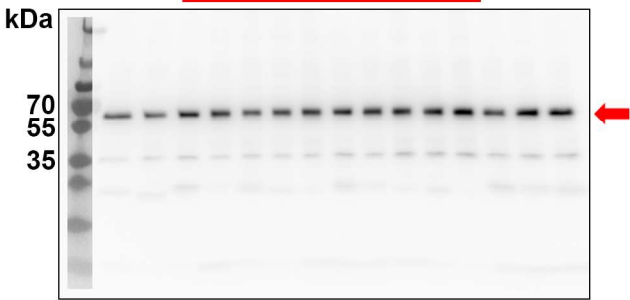
Full unedited Western Blot membrane stripped and incubated with anti-GAPDH (Fitzgerald #10R-G109a)

shown in EV Fig. 3A



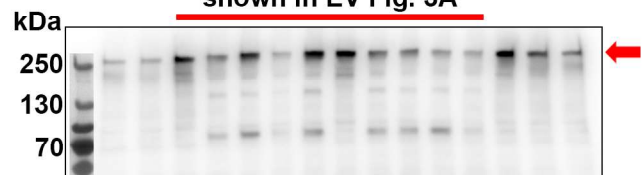
Full unedited Western Blot membrane incubated with anti-Phospho-AMPKα (T172, Cell Signaling #2235)

shown in EV Fig. 3A



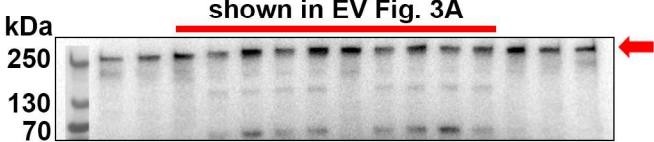
Full unedited Western Blot membrane stripped and incubated with anti-AMPKα (Cell Signaling #2532)

shown in EV Fig. 3A



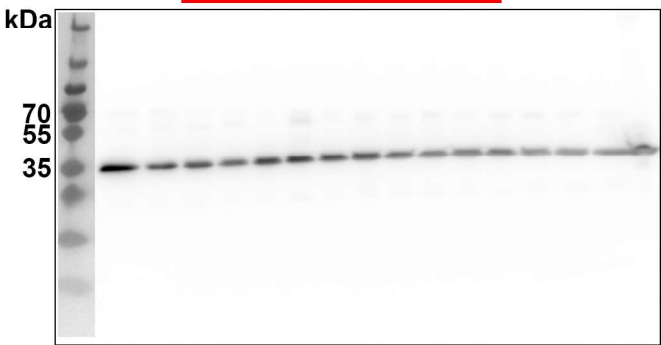
Full unedited Western Blot membrane incubated with anti-Phospho-mTOR (S2448, Cell Signaling #5536); membrane was cut

shown in EV Fig. 3A



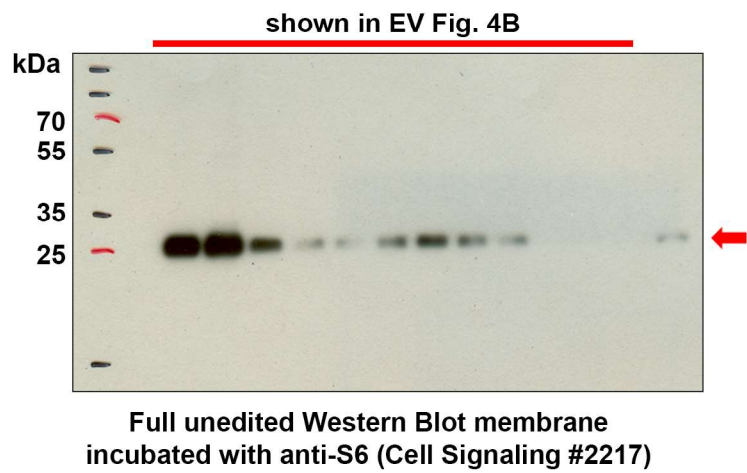
Full unedited Western Blot membrane stripped and incubated with anti-mTOR (Cell Signaling #29836); membrane was cut

shown in EV Fig. 3A

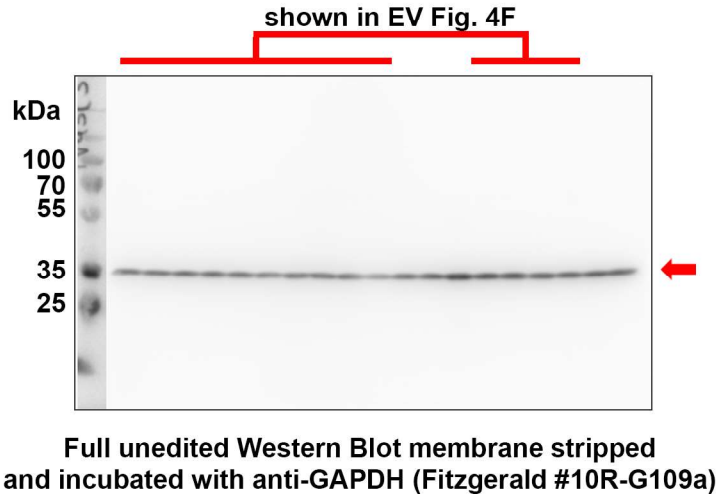
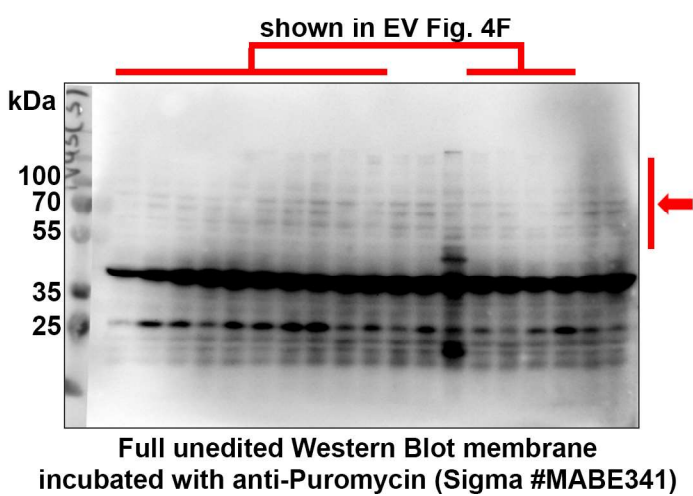


Full unedited Western Blot membrane stripped and incubated with anti-GAPDH (Fitzgerald #10R-G109a)

Source data to EV Figure 4B

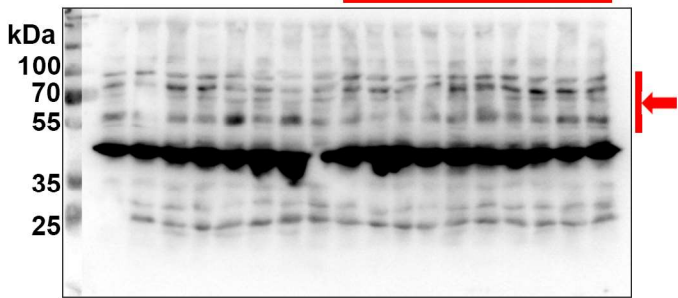


Source data to EV Figure 4F



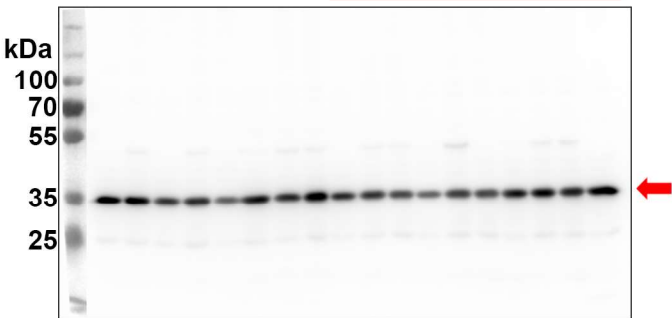
Source data to EV Figure 5A

shown in EV Fig. 5A



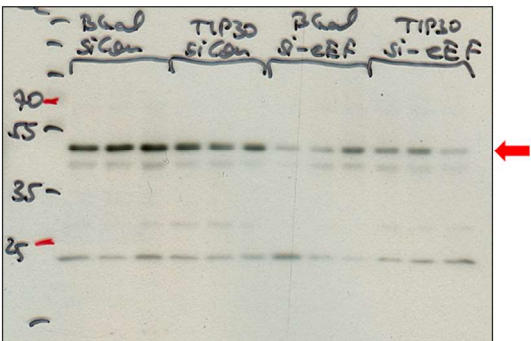
Full unedited Western Blot membrane incubated with anti-Puromycin (Sigma #MABE341)

shown in EV Fig. 5A

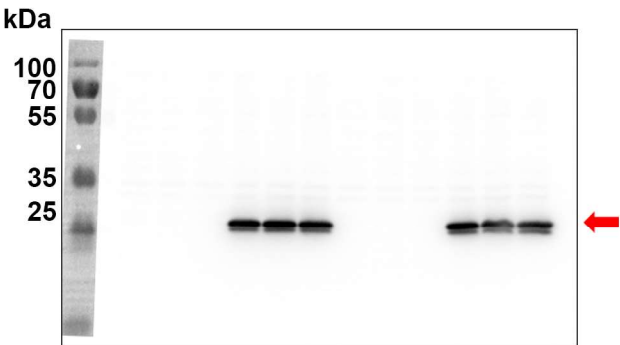


Full unedited Western Blot membrane stripped and incubated with anti-GAPDH (Fitzgerald #10R-G109a)

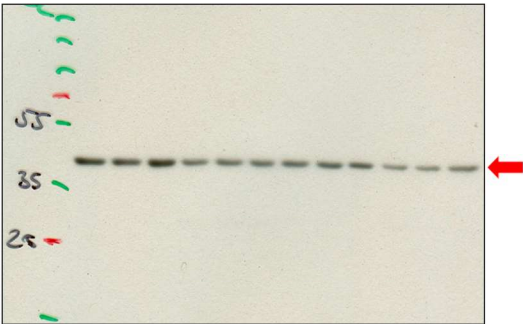
Source data to EV Figure 5C



Full unedited Western Blot membrane incubated with anti-eEF1A1 (Abcam #ab37969)



Full unedited Western Blot membrane incubated with anti-TIP30 (Abcam #ab177961)



Full unedited Western Blot membrane stripped and incubated with anti-Actin (Sigma #2066)