Uncropped western blot images:

Conditions and marker molecular weights are indicated in blue; probed antibodies are indicated in pink. For more information, please refer to corresponding figure legends and Methods section.

Figure 1C:

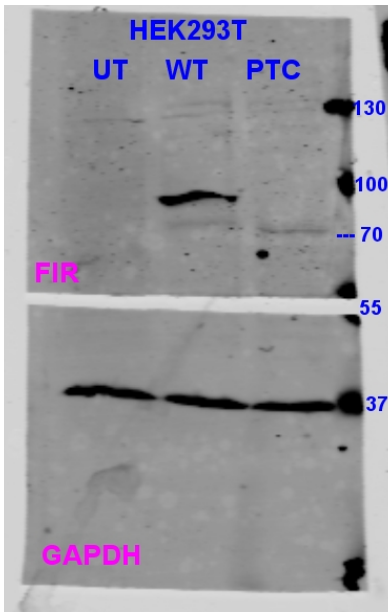
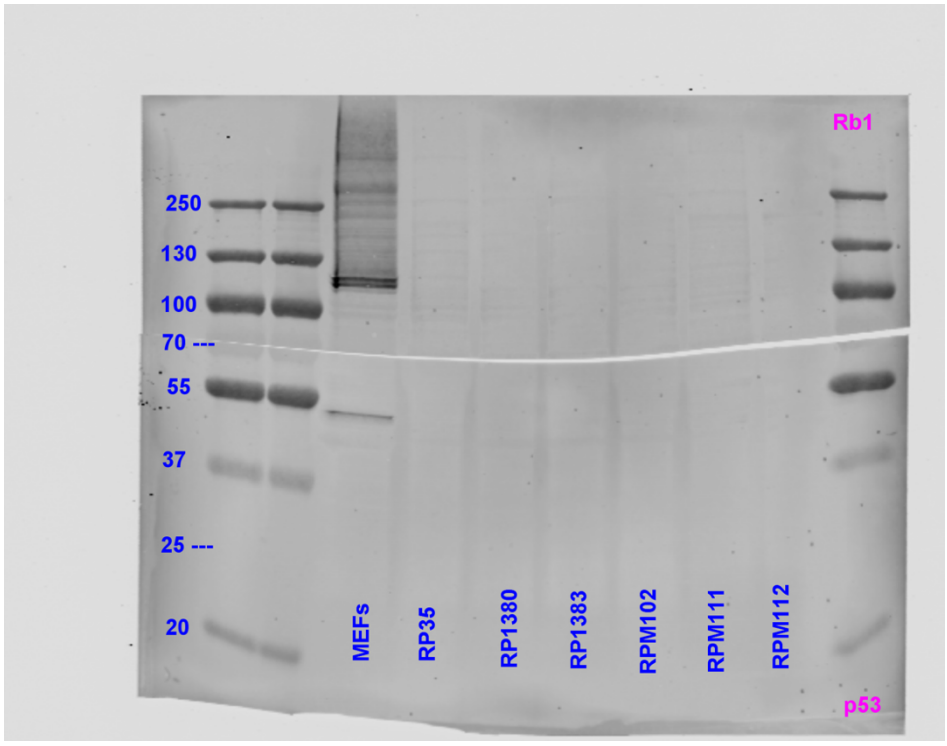
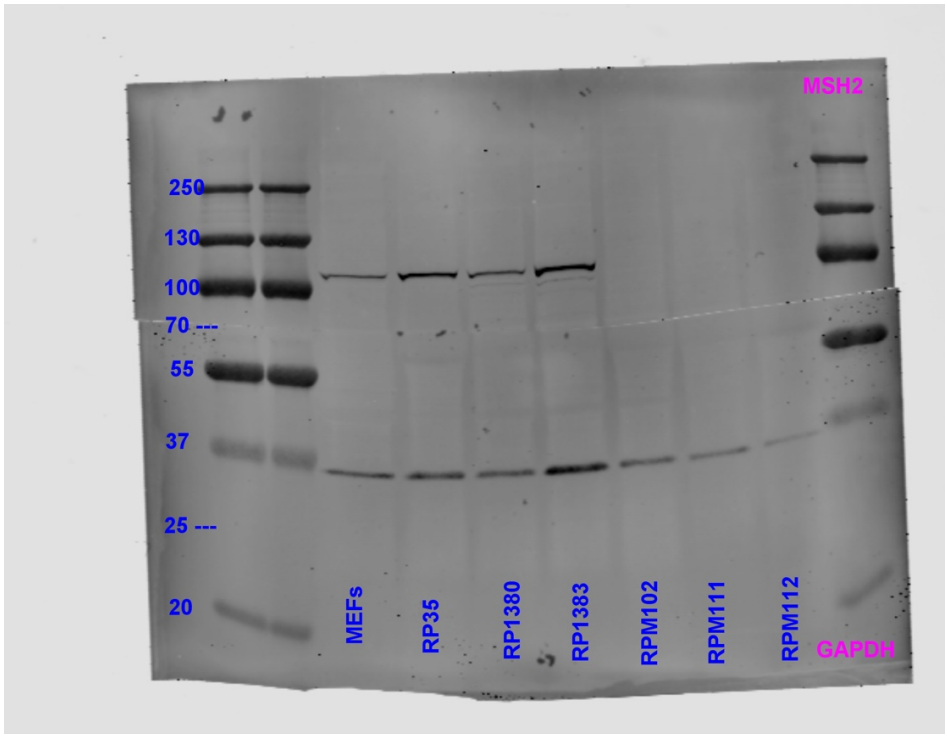


Figure 2S:




MSH2
250
130
100
70 ---
55
37
25 ---
20
MEFs
RP35
RP1380
RP1383
RPM102
RPM111
RPM112
GAPDH

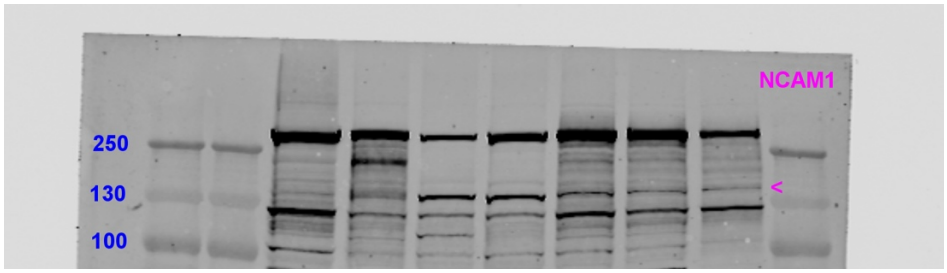
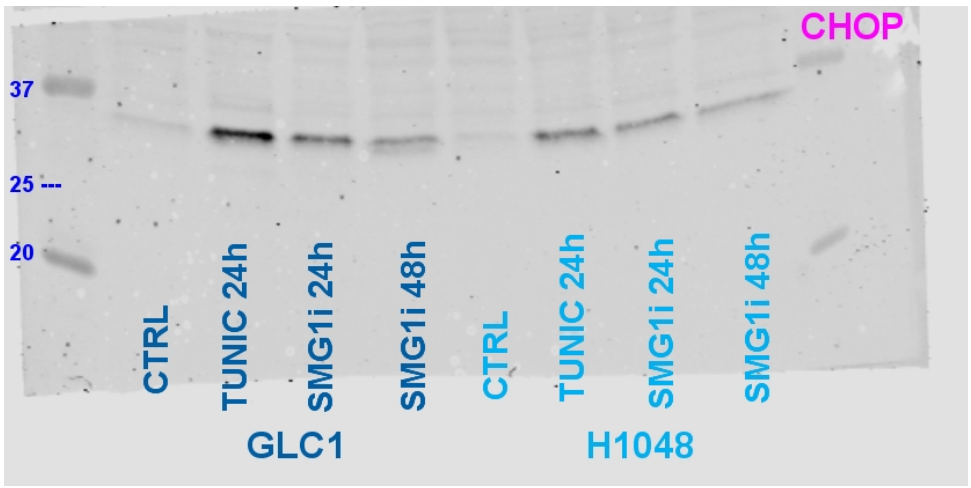
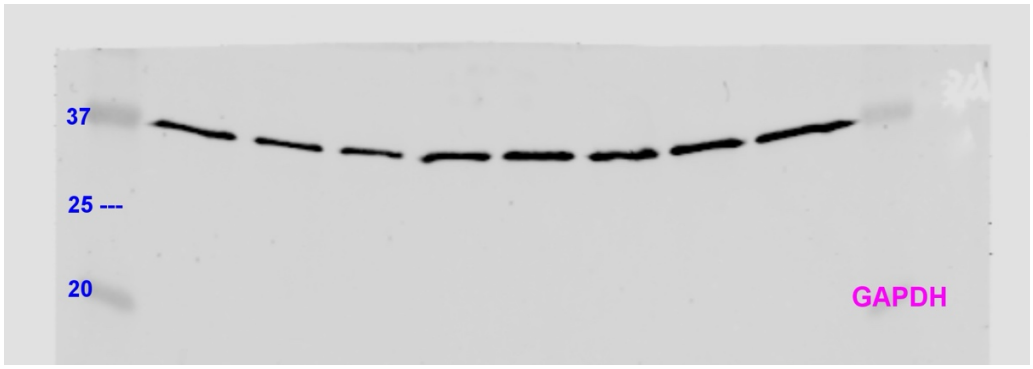

NCAM1
250
130
100
<

Figure 3C:


CHOP
37
25 ---
20
CTRL
TUNIC 24h
SMG1i 24h
SMG1i 48h
CTRL
TUNIC 24h
SMG1i 24h
SMG1i 48h
GLC1
H1048


37
25 ---
20
GAPDH

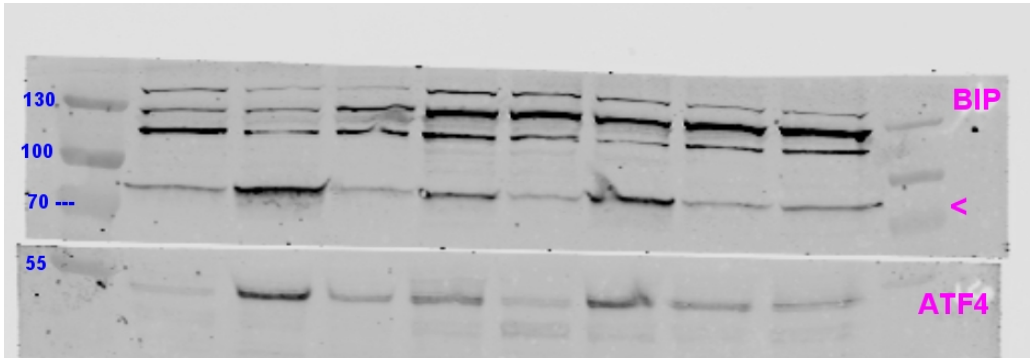
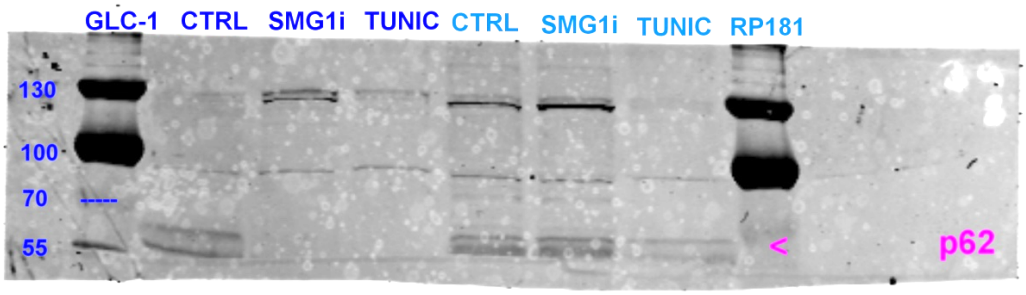
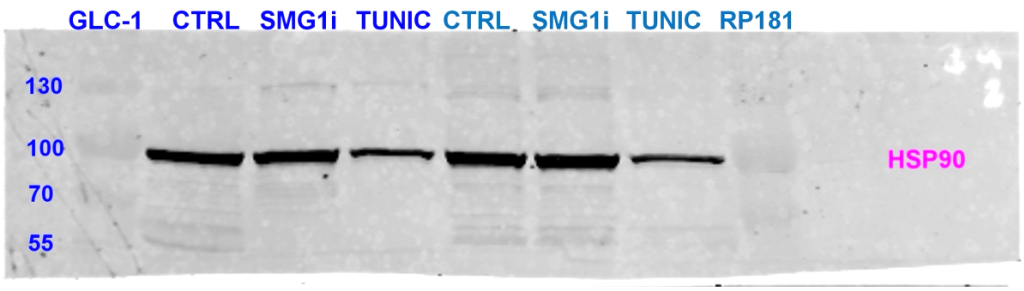
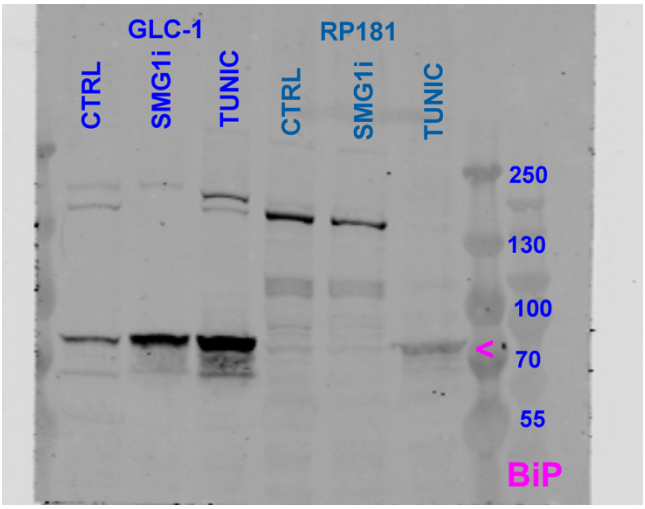

130
100
70 ---
55
BIP
<
ATF4

Figure 3D:


GLC-1 CTRL SMG1i TUNIC CTRL SMG1i TUNIC RP181
130
100
70 -----
55
<
p62


GLC-1 CTRL SMG1i TUNIC CTRL SMG1i TUNIC RP181
130
100
70
55
HSP90



*Run on a separate blot due to close migration of BiP and p62 (both rabbit antibodies)

Figure 5E:

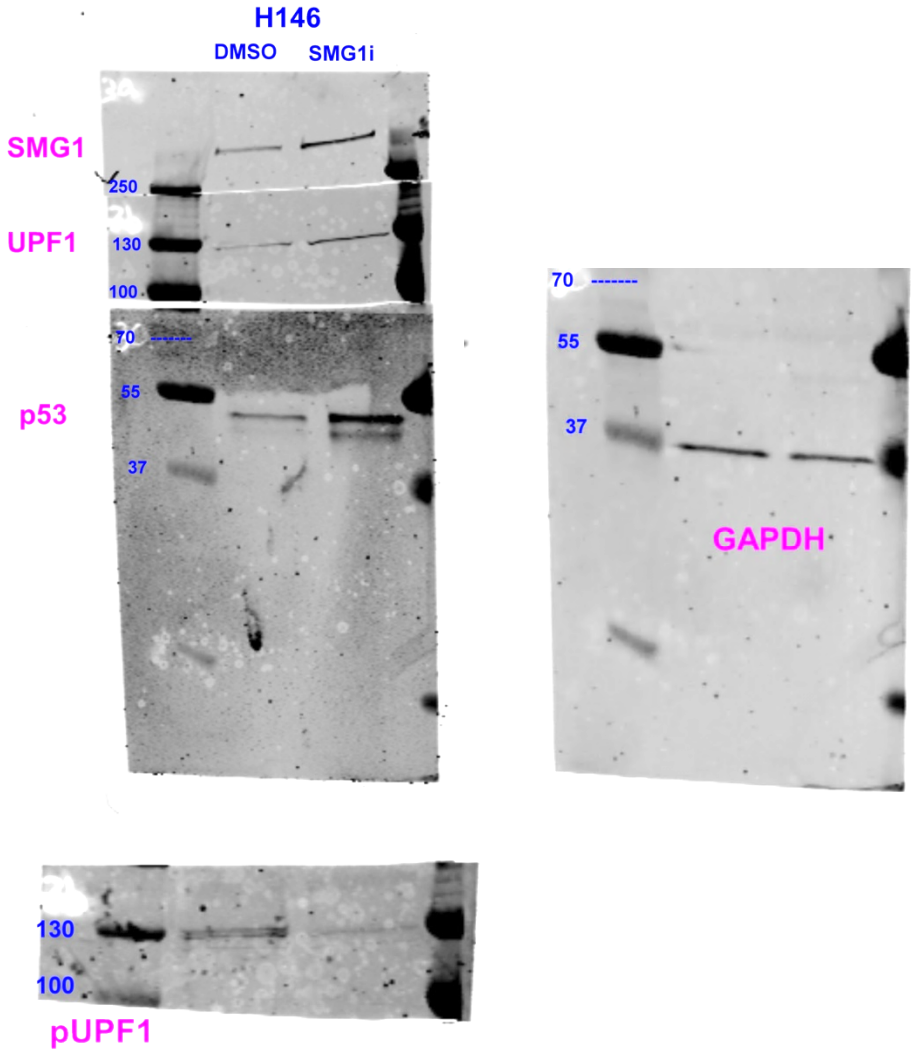
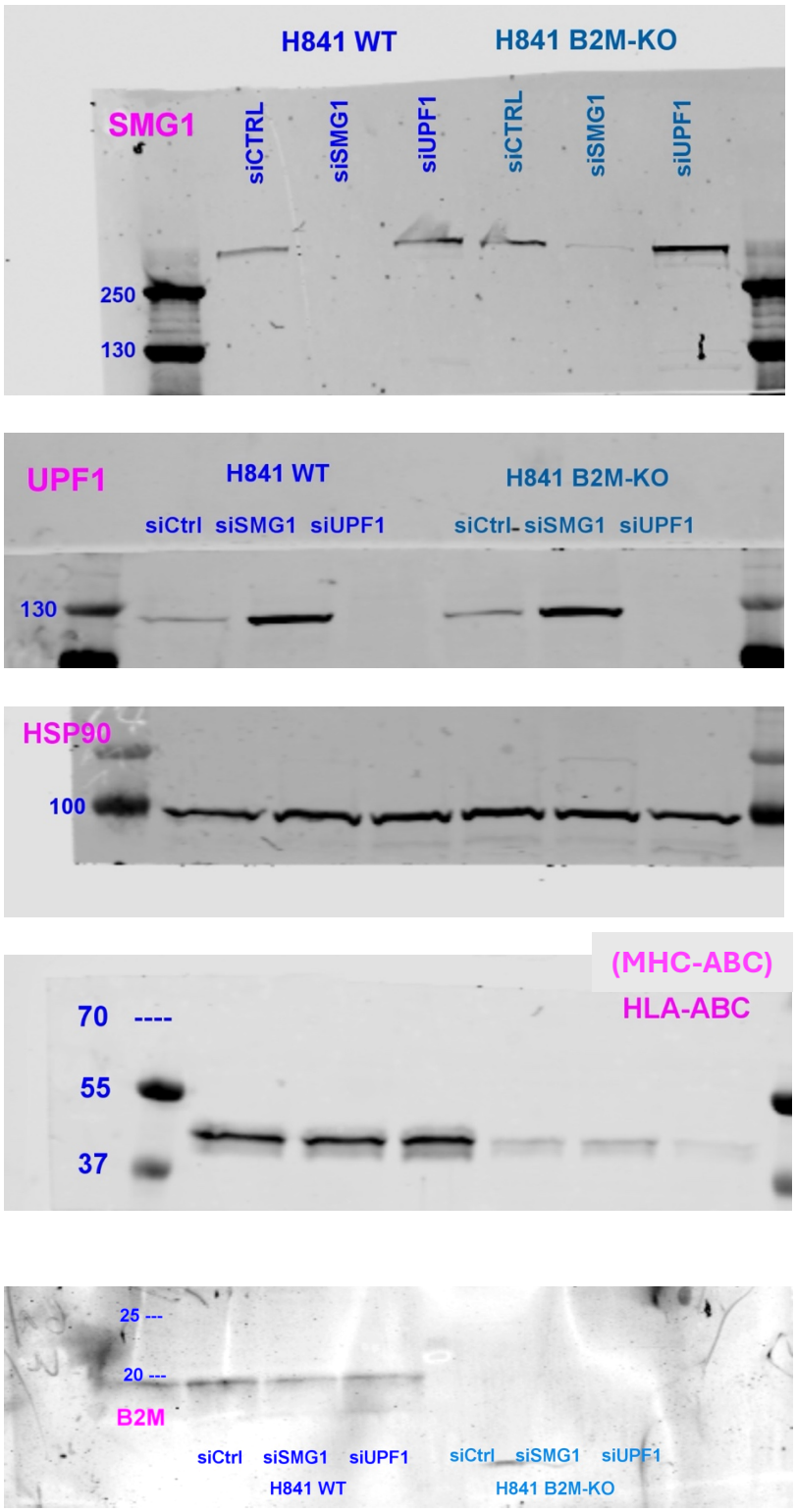
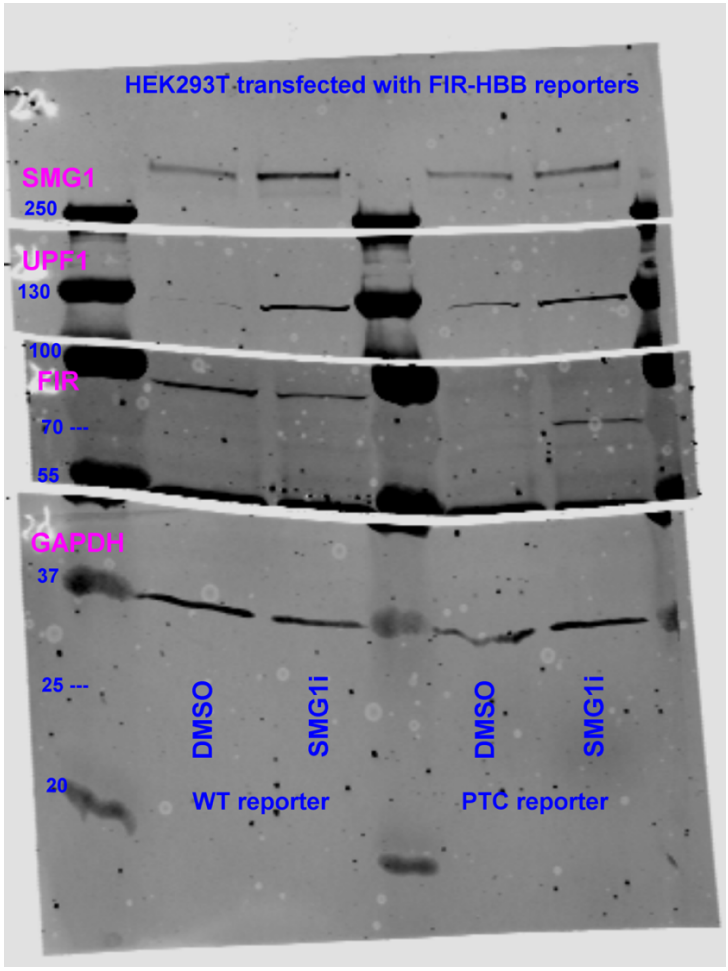


Figure 6C:



*Run on a separate blot because B2M is very small and required different transfer conditions

Figure S1F



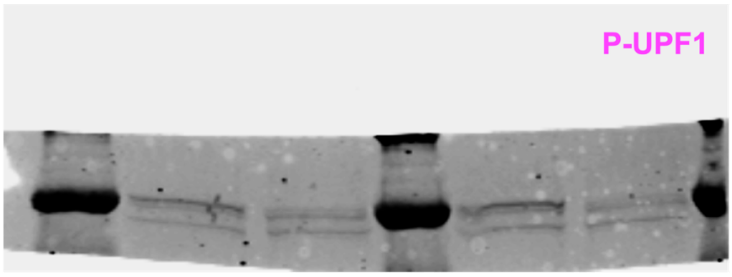
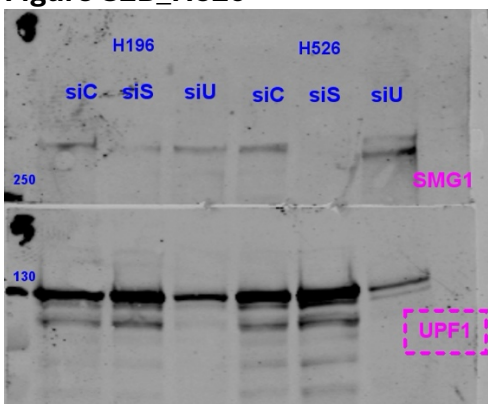
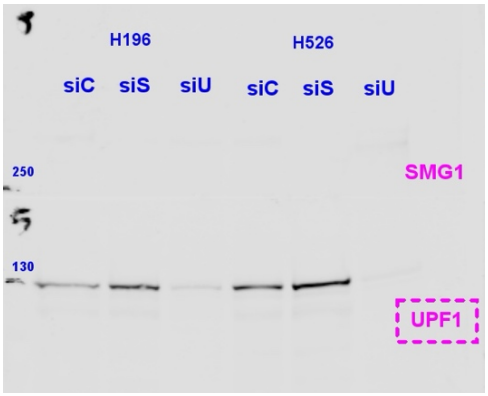


Figure S2B_H526





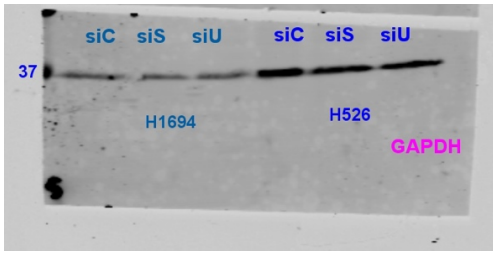


Figure S2B_H841

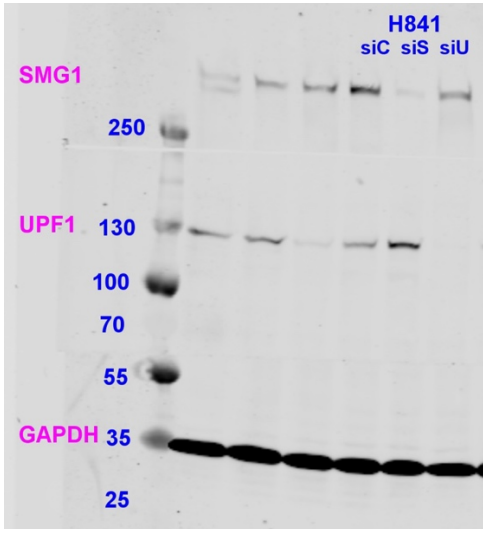


Figure S2B_H1048

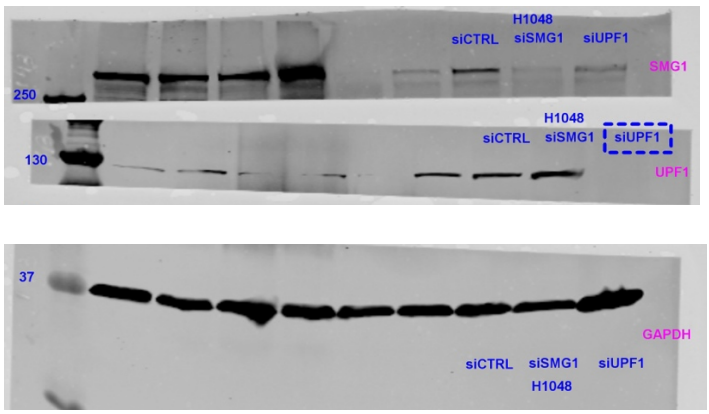
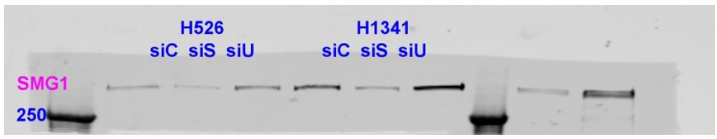


Figure S2B_H1341



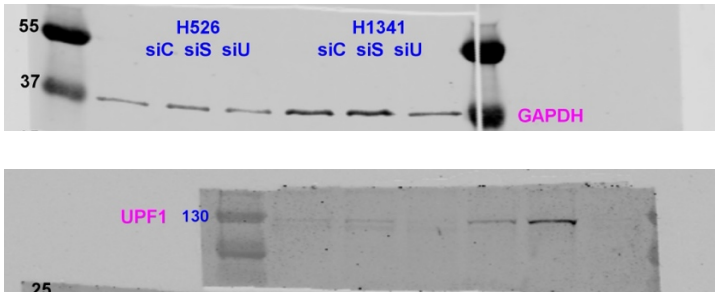


Figure S2B_GLC-1

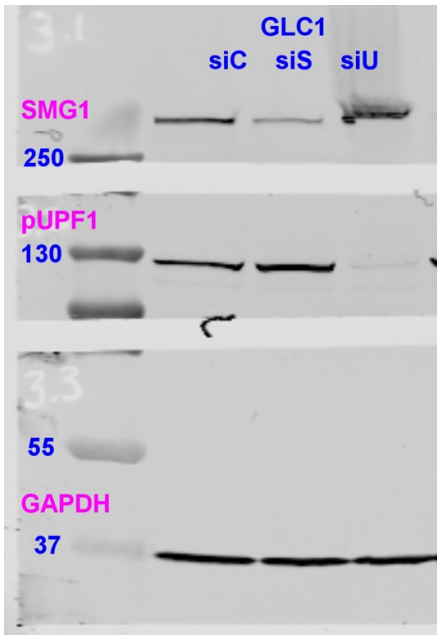


Figure S2B_N417

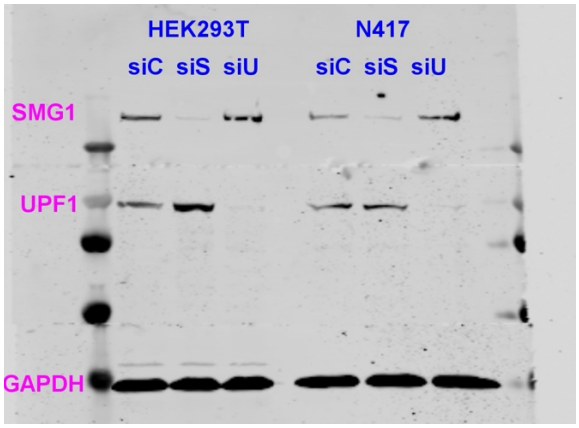


Figure S2D_GLC-1, H146, H1048, H1341, H841, N417

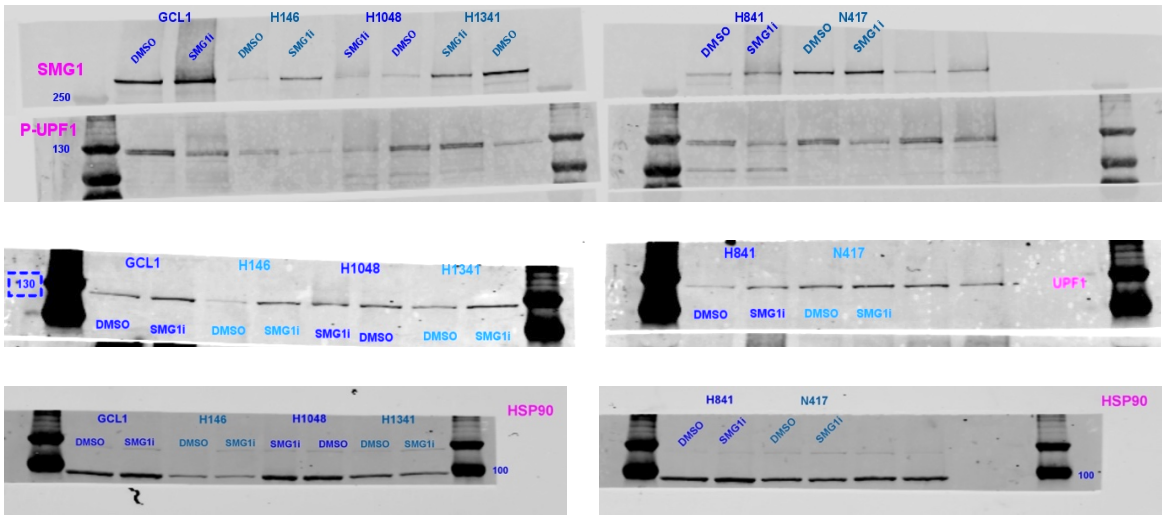


Figure S2D_H1694 & Figure S2K_RP1380

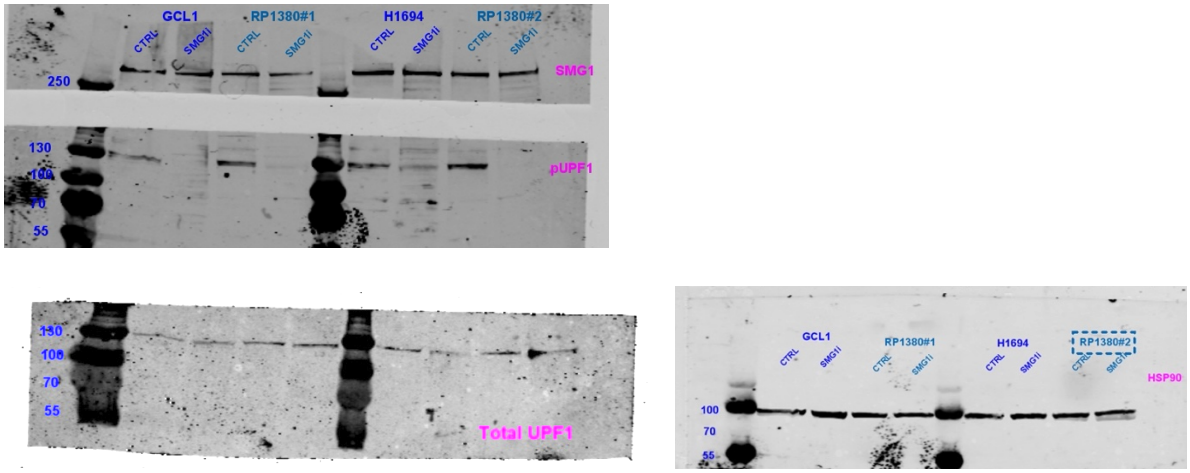


Figure S2K_RPM111

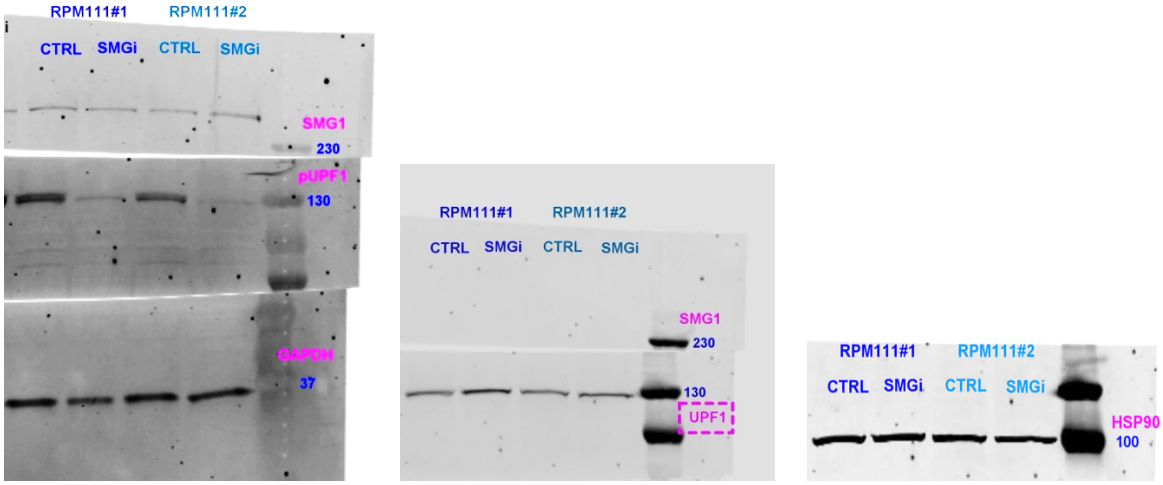
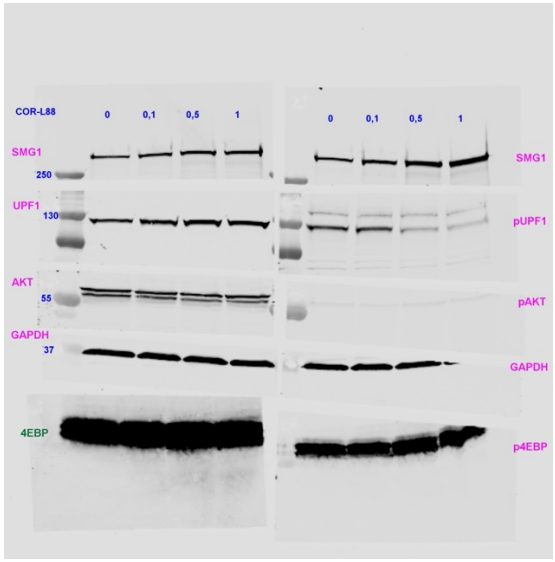
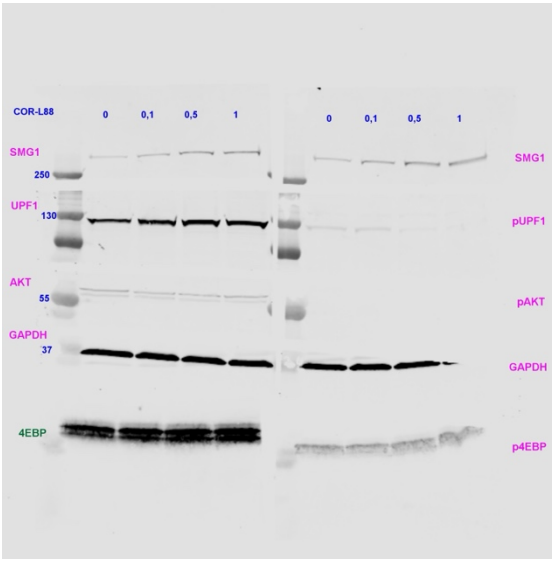


Figure S3C_UPF1, AKT, 4EBP





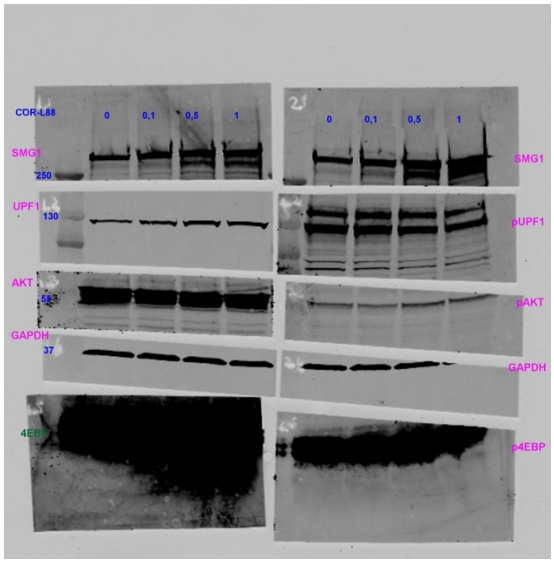
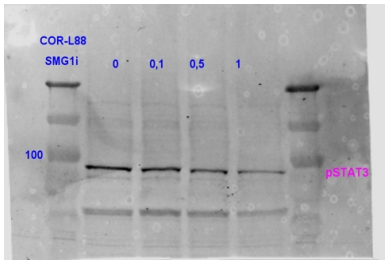
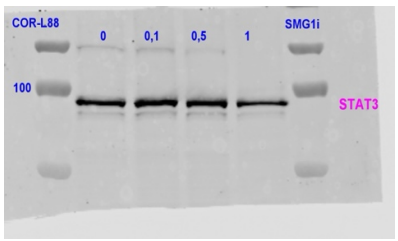


Figure S3C_STAT3





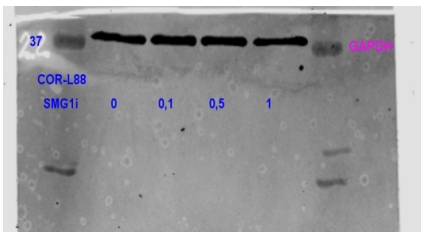


Figure S7G

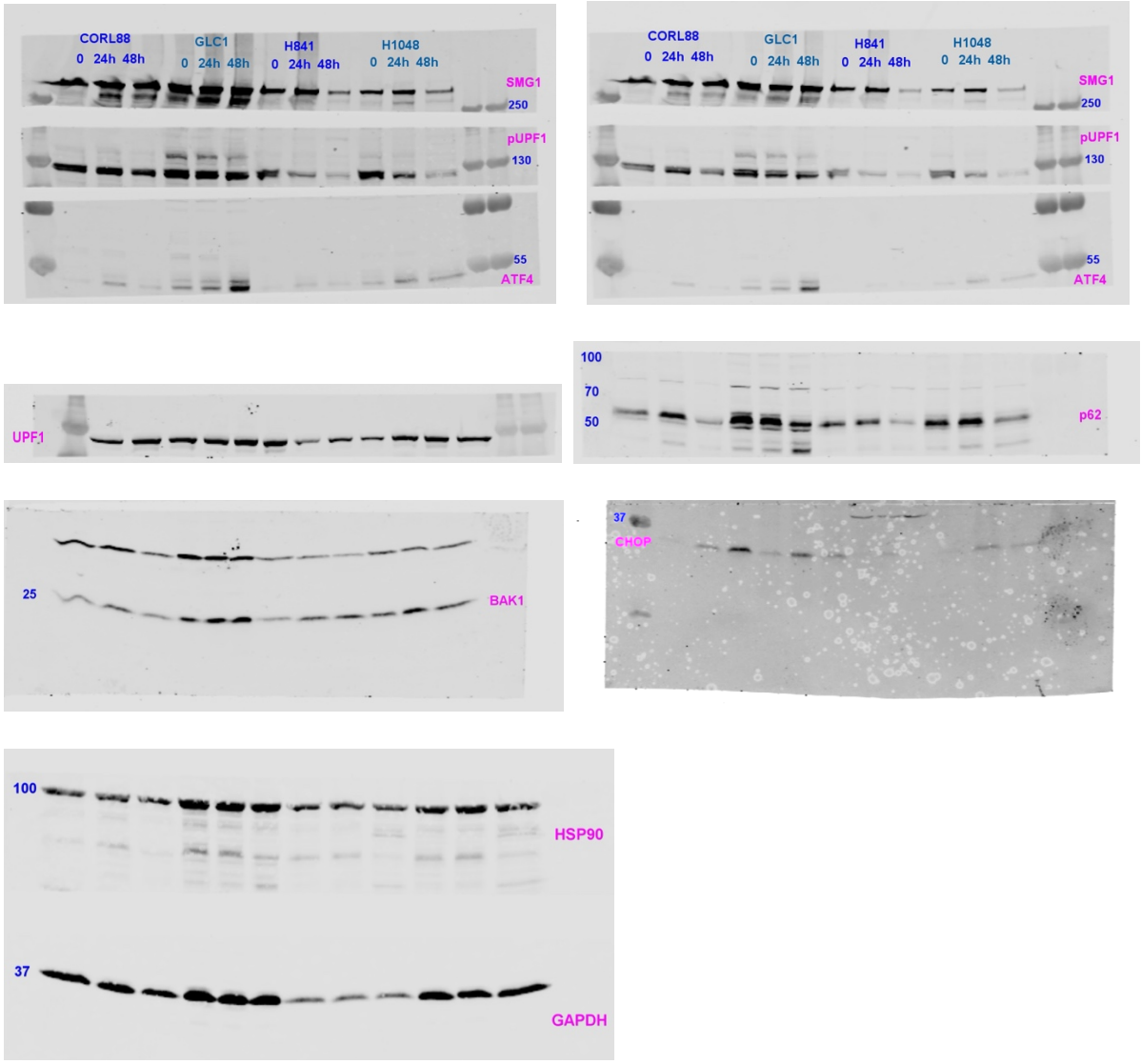


Figure S8A

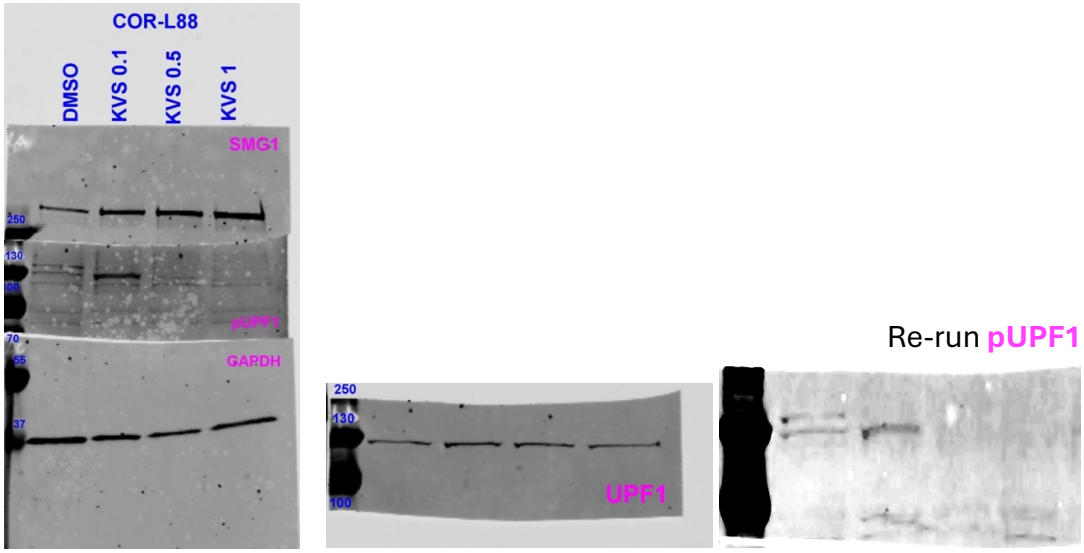
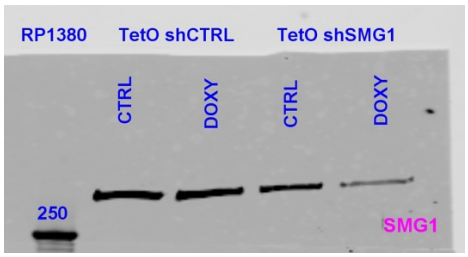
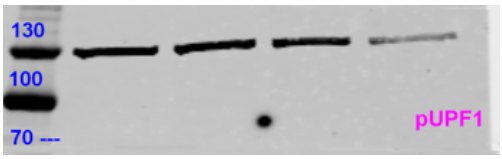
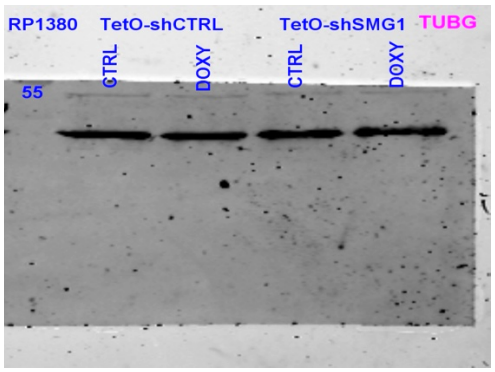


Figure S8D_RP1380







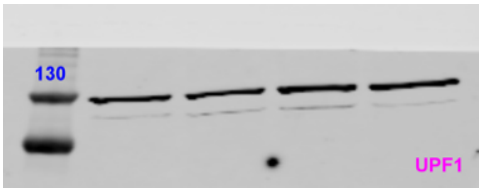
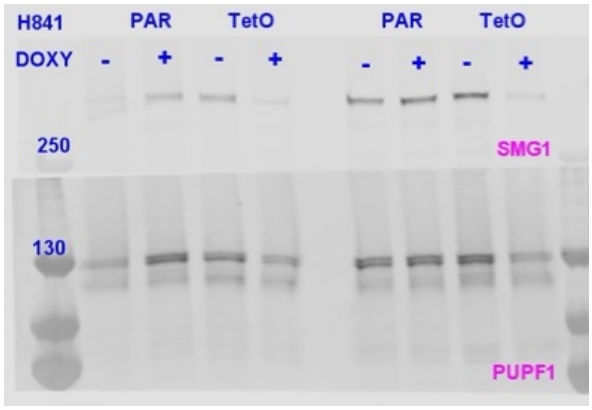
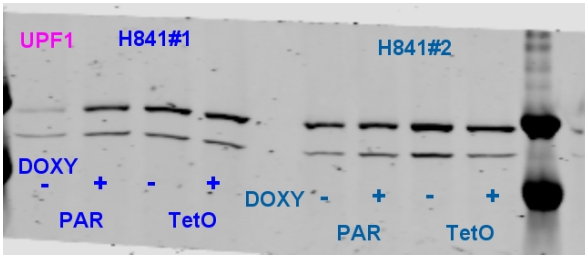


Figure S8D_H841





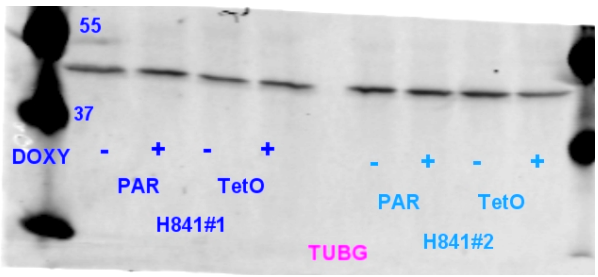
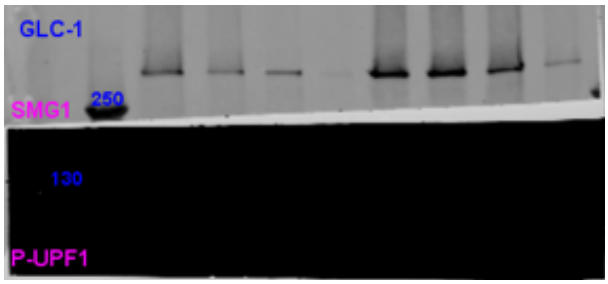
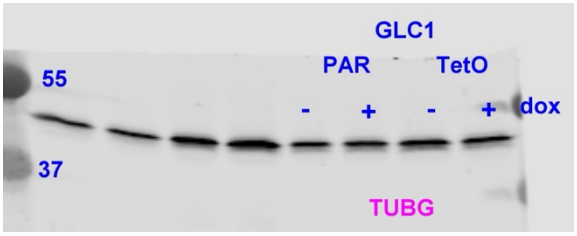
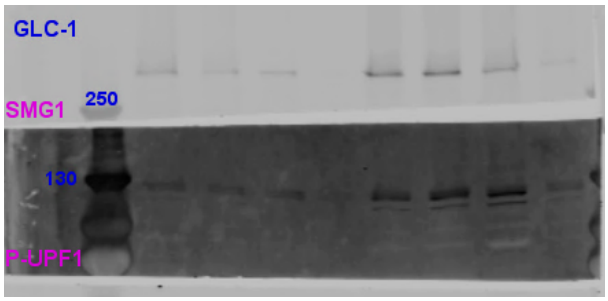
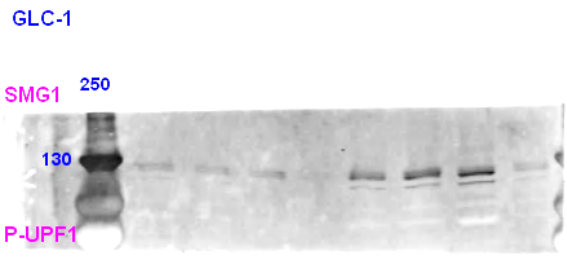


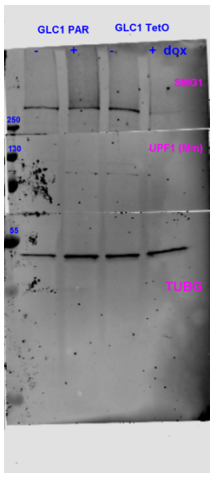
Figure S8D_GLC-1

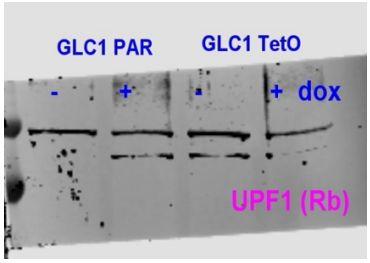






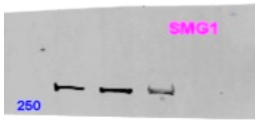


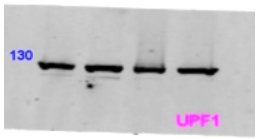


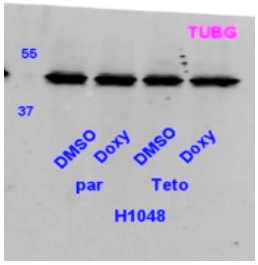


Blot re-run to detect total UPF1

Figure S8D_H1048







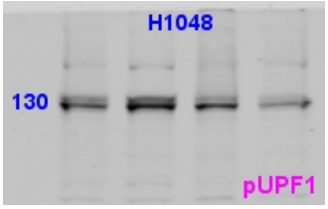


Figure 8H

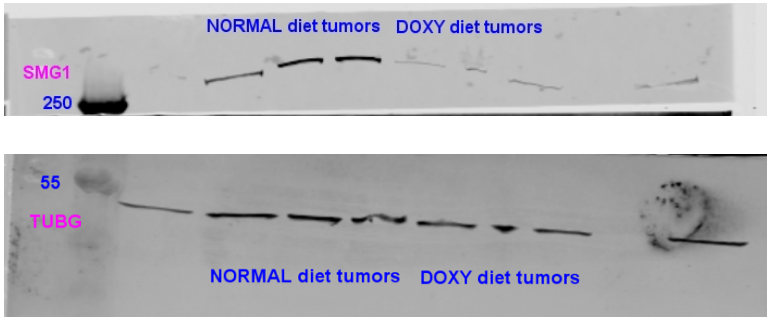


Figure S13C