

Figure S1

A.

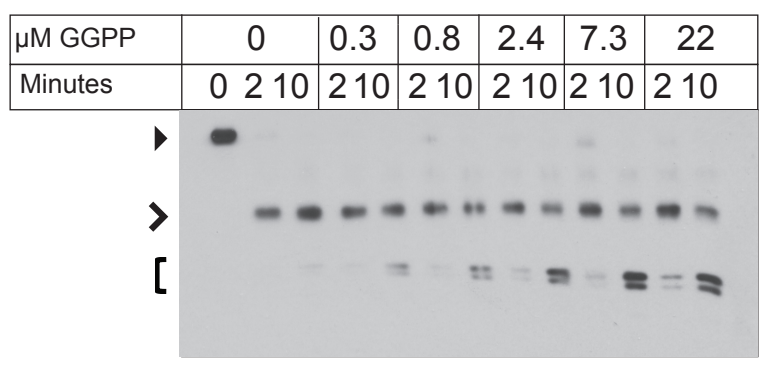
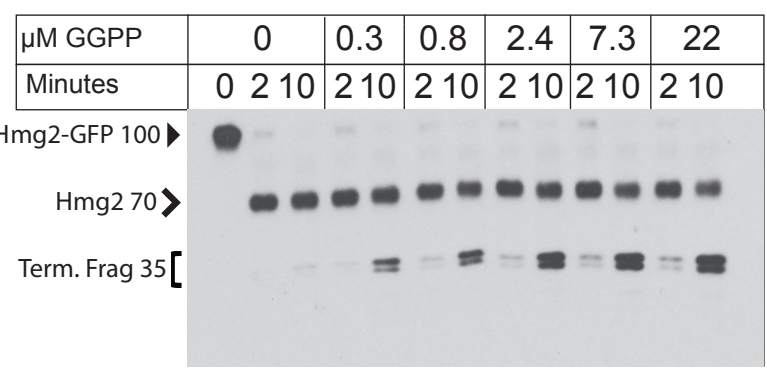


Figure S1. GGPP dose response controls for Figure 3B dose-response of the two inactive GGPP analogues in limited proteolysis assay. Left panel is the GGPP control for the 2F-GGPP experiment, and right panel is the GGPP control for the GGSP experiment. Full length 1myc-Hmg2-GFP runs at approximately 100 kDa and is indicated by a solid arrowhead. After initial cleavage, the transmembrane region runs at approximately 70 kDa (open arrowhead), while the smaller doublets run at approximately 35 kDa (bracket).

Supplemental Table 1. Yeast strains used in this work

Strain	Genotype	Figure
RHY3970	MATa <i>ade2-101 met2 his3Δ200 lys2-801 leu2Δ ura3-52::URA3::TDH3pr-HMG2-GFP</i>	1D, 5A-D
RHY3971	MATa <i>ade2-101 met2 his3Δ200 lys2-801 leu2Δ ura3-52::URA3::TDH3pr-HMG2-GFP pdr5ΔKanMX</i>	4A
RHY7661	MATa <i>ade2-101 met2 his3Δ200 lys2-801 leu2Δ ura3-52::URA3::TDH3pr-1mycHMG2-GFP</i>	2B-G, 3B,C
RHY7683	MATa <i>ade2-101 met2 his3Δ200 lys2-801 leu2Δ ura3-52::URA3::TDH3pr-S215A-1mycHMG2-GFP</i>	2B
RHY10296	MATa <i>ade2-101 met2 his3Δ200 lys2-801 leu2Δ::LEU2 ura3-52::URA3::TDH3pr-HMG2-GFP pdr5ΔKanMX</i>	4B
RHY10297	MATa <i>ade2-101 met2 his3Δ200 lys2-801 leu2Δ::LEU2::TDH3pr-BTS1-PGK1term ura3-52::URA3::TDH3pr-HMG2-GFP pdr5ΔKanMX</i>	4B,C
RHY10300	MATa <i>ade2-101 met2 his3Δ200 lys2-801 leu2Δ::LEU2 ura3-52::URA3::TDH3pr-TFYSA-HMG2-GFP pdr5ΔKanMX</i>	4A
RHY10301	MATa <i>ade2-101 met2 his3Δ200 lys2-801 leu2Δ::LEU2::TDH3pr-BTS1-PGK1term ura3-52::URA3::TDH3pr-TFYSA-HMG2-GFP pdr5ΔKanMX</i>	4C
RHY11113	MATa <i>ade2-101 met2 his3Δ200 lys2-801 leu2Δ ura3-52::URA3::TDH3pr-HMG2-1myc-no catalytic domain</i>	6A,B
RHY11114	MATa <i>ade2-101 met2 his3Δ200 lys2-801 leu2Δ::LEU2::Hmg2-GFP ura3-52</i>	6A,B
RHY11115	MATa <i>ade2-101 met2 his3Δ200 lys2-801 leu2Δ::LEU2::Hmg2-GFP ura3-52::URA3::TDH3pr-HMG2-1myc-no catalytic domain</i>	6A,B
RHY11116	MATa <i>ade2-101 met2 his3Δ200 lys2-801 leu2Δ ura3-52::URA3::TDH3pr-1mycHMG2-GFP</i>	6A,B

Supplemental Table 2. Plasmids used in this work

Plasmid	Genotype
pRH312	pRS405 LEU2 Ylp
pRH469	URA3::TDH3pr-HMG2-GFP Ylp
pRH680	LEU2::TDH3pr-HMG2-GFP Yip
pRH1581	URA3::TDH3pr-1myc-HMG2-GFP Ylp
pRH1694	URA3::TDH3pr-TFYSA-1myc-HMG2-GFP Ylp
pRH2250	URA3::TDH3pr-HMG2-1myc-no catalytic domain
pRH2477	LEU2::GAL1pr-BTS1 Yip
pRH2654	LEU2 TDH3-pr-PGK1term YIP
pRH2657	LEU2::TDH3pr-BTS1-PGK1term Yip