

Supporting Information

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Table S1. *Saccharomyces cerevisiae* strains used in this study

Strain	Genotype	Source
W303 α	<i>MATα leu2-3, -112; his3-11,-15; trp1-1; ura3-1; ade2-1; can1-100</i>	(1)
PLY1141	W303 α , except <i>avo3-30-MYC:TRP1</i>	This study
<i>atg7</i> Δ	W303 α , except <i>atg7::kanMX6</i>	(2)
PLY521	W303 α , except <i>ypk1::TRP1</i>	(3)
PLY1360	W303 α , except <i>ypk2::HIS3MX6</i>	(3)
PLY1569	W303 α , except <i>cnb1::kanMX6</i>	This study
PLY1570	W303 α , except <i>ypk1::TRP1 cnb1::kanMX6</i>	This study
PLY1571	W303 α , except <i>atg19::HIS3MX6 2xyEGFP-ATG8:URA3</i>	This study
PLY1572	W303 α , except <i>ypk1::TRP1 atg19::HIS3MX6 2xyEGFP-ATG8:URA3</i>	This study
PLY1573	W303 α , except <i>cnb1::kanMX6 atg19::HIS3MX6 2xyEGFP-ATG8:URA3</i>	This study
PLY1574	W303 α , except <i>ypk1::TRP1 cnb1::kanMX6 atg19::HIS3MX6 2xyEGFP-ATG8:URA3</i>	This study
PLY1575	W303 α , except <i>gcn2::kanMX6</i>	This study
PLY1576	W303 α , except <i>ypk1::TRP1 gcn2::kanMX6</i>	This study
PLY1596	W303 α , except <i>crz1::kanMX6</i>	This study
PLY1597	W303 α , except <i>ypk1::TRP1 crz1::kanMX6</i>	This study
JGY149	W303a, except <i>cmd1-6</i>	(4)
PLY1599	W303a, except <i>cmd1-6 ypk1::TRP1</i>	This study

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3. Niles BJ, Joslin AC, Fresques T, Powers T (2014) TOR complex 2-Ypk1 signaling maintains sphingolipid homeostasis by sensing and regulating ROS accumulation. *Cell Reports* 6(3):541–552.
4. Moser MJ, Geiser JR, Davis TN (1996) Ca²⁺-calmodulin promotes survival of pheromone-induced growth arrest by activation of calcineurin and Ca²⁺-calmodulin-dependent protein kinase. *Mol Cell Biol* 16(9):4824–4831.

Table S2. Plasmids used in this study

Plasmid	Vector	Insert/ORF	Source
pr ^{ATG8} -GFP-ATG8	pRS416	pr ^{ATG8} -GFP-ATG8	(1)
pPL590	pRS415	pr ^{ATG8} -GFP-ATG8	This study
pRS426- pr ^{ATG8} -GFP	pRS426	pr ^{ATG8} -GFP	(2)
pPL250	pRS315	Pr ^{YPK1} -YPK1	(3)
pPL491	pPL420	pMET25-YPK1 ^{S644A T662A} -3HA	(4)
pAMS363	pAMS363	2xCDRE: <i>lacZ</i>	(5)
pRS306-2xyEGFP-ATG8	pRS306	pr ^{ATG8} -2xyEGFP-ATG8	(6)
p180	p180	GCN4 URE -1 to -4: <i>lacZ</i>	(7)
pB107	pRS316	GCN2	(8)
pB111	pB107	GCN2 ^c S577A	(8)

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