

1 **Title:** Lipid Droplet Biogenesis Is Spatially Coordinated at Yeast ER-Vacuole Contact
2 Sites in Response to Nutritional Stress

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45 **Appendix Table S1:** yeast expression plasmids used in this study

Plasmids used for this Study		
<i>Plasmid</i>	<i>Characteristics</i>	<i>Origin</i>
Mdm1-GFP (<i>pGPD</i>)	FL Mdm1-GFP with GPD promoter on pBP73G (Ura)	Henne, JCB, 2015
Erg6-mRed (<i>pERG6</i>)	Erg6-mRed (pRS315) (Leu)	a kind gift from Dr Joel Goodman, UTSW
Faa1-GFP (<i>pADH</i>)	GFP-Faa1 on pBP73A (<i>pADH</i>)	this study
Nvj1-mCherry	Nvj1-mCherry (<i>pNVJ1</i>); pRS315 (Leu)	this study

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48 **Appendix Table S2:** yeast strains utilized in this study. Note: strains are in SEY6210
49 background unless otherwise noted.

Yeast strains used for this Study		
<i>Strain</i>	<i>Genotype</i>	<i>Origin</i>
SEY6210 (<i>wildtype</i>)	<i>MATα ura3-52 leu2-3,112 his3-Δ100 trp1-Δ901 lys2-801suc2-Δ9</i>	Scott Emr Lab
Nvj1-GFP, DsRed-HDEL (ER marker)	<i>NVJ1-GFP::NATMX DSRED-HDEL::LEU2</i>	this study
DsRed-HDEL (ER marker)	<i>DSRED-HDEL::LEU2</i>	this study
Mdm1-GFP, Nvj1-mCherry	<i>MDM1-GFP::KANMX NVJ1-MCHERRY::TRP1</i>	this study
<i>mdm1Δ</i>	<i>MDM1::KANMX</i>	Henne, JCB, 2015
<i>nvj1Δ</i>	<i>NVJ1::NATMX</i>	this study
Faa1-mCherry	<i>FAA1-MCHERRY::TRP1</i>	this study
<i>faa1Δ</i>	<i>FAA1::HIS3</i>	this study
<i>mdm1Δ nvj3Δ</i>	<i>MDM1::KANMX NVJ3::NATMX</i>	this study
<i>faa1Δ mdm1Δ nvj3Δ</i>	<i>FAA1::HIS3MDM1::KANMX NVJ3::NATMX</i>	this study
GFP-tagged strains for visual screen	BY4741; all strains have 3'-terminal GFP::HIS3 tag	Yeast GFP collection (Huh, 2003)
<i>are1Δ are2Δ lro1Δ pGAL-DGA1</i>	<i>(w303) ARE1::HIS3 ARE2::LEU2 LRO1::URA3 TRP-GAL1-10(PROM) DGA1</i>	from Choudhary, JCB, 2015

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