

Supplementary Table 2. Yeast strains used in this study.

Strain	Genotype	Fig
YUK267	<i>h⁺ P_{nmt41}-kan-slp1 ark1-as3-hph</i> <i>Z-locus::natMX-P_{cnd3}-cnd3-GFP</i>	Fig. S1f, S2c, S4b-d, S6b,c
YUK421	<i>h⁺ P_{nmt41}-kan-slp1 cnd2-HA-kan ade6</i>	Fig. 4c,d, S8
YUK585	<i>h⁺ P_{nmt41}-kan-slp1 SV40-GFP-atb2-LEU2</i> <i>nat-P_{nmt81}-cnd3-IAA-ura4⁺ his7 ura4-D18 his2</i> <i>ade6::ade6⁺-P_{adh15}-skp1-OsTIR1-bsd-P_{adh15}-skp1-AtTIR1-2NLS</i>	Fig. S1b, S2c, S4a,c,d, S6a,c
YUK621	<i>h⁻ nat-P_{nmt81}-cut14-IAA-ura4⁺ SV40-GFP-atb2-LEU2</i> <i>ade6::ade6⁺-P_{adh15}-skp1-OsTIR1-bsd-P_{adh15}-skp1-AtTIR1-2NLS</i> <i>P_{nmt41}-kan-slp1ura4-D18</i>	Fig. 2a-d, 3, 4a,b,d, S1a,b, S2c, S5, S7, S8c
YUK628	<i>h⁺ SV40-GFP-atb2-LEU2 P_{nmt41}-kan-slp1 ura4-D18 his2</i> <i>ade6::ade6⁺-P_{adh15}-skp1-OsTIR1-bsd-P_{adh15}-skp1-AtTIR1-2NLS</i>	Fig. 1, 2a,c-e, 3, 4, S1a, S2, S3, S4a, S5, S7, S8a,b
YUK760	<i>h⁺ SV40-GFP-atb2-LEU2</i> <i>P_{nmt41}-kan-slp1 mis6-2mCherry-hph ura4-D18 his2</i> <i>ade6::ade6⁺-P_{adh15}-skp1-OsTIR1-bsd-P_{adh15}-skp1-AtTIR1-2NLS</i>	Fig. 2e,f
YUK765	<i>h⁺ SV40-GFP-atb2-LEU2 nat-P_{nmt81}-cut14-IAA-ura4⁺</i> <i>P_{nmt41}-kan-slp1 mis6-2mCherry-hph ura4-D18 his2</i> <i>ade6::ade6⁺-P_{adh15}-skp1-OsTIR1-bsd-P_{adh15}-skp1-AtTIR1-2NLS</i>	Fig. 2e,f
YUK799	<i>h⁻ nat-P_{nmt81}-cut14-IAA-ura4⁺ P_{nmt41}-kan-slp1</i> <i>ChrII-3.6Mb::TetO-hphMX ChrI-1.95Mb::LacO-natMX6</i> <i>TetR-tdTom::leu1+ LacI-eGFP::his7+ ura4-D18</i> <i>ade6::ade6⁺-P_{adh15}-skp1-OsTIR1-bsd-P_{adh15}-skp1-AtTIR1-2NLS</i>	Fig.5b
YUK808	<i>h⁻ P_{nmt41}-kan-slp1 TetR-tdTom::leu1+ LacI-eGFP::his7+</i> <i>ChrII-3.6Mb::TetO-hphMX ChrI-1.95Mb::LacO-natMX6</i> <i>lys1 ade6-M210</i>	Fig.5, S9
YUK792	<i>h⁻ nat-P_{nmt81}-cut14-IAA-ura4⁺ P_{nmt41}-kan-slp1</i> <i>ade6::ade6⁺-P_{adh15}-skp1-OsTIR1-bsd-P_{adh15}-skp1-AtTIR1-2NLS</i> <i>ChrI-1.95Mb::hphMX-TetO LacO::lys1⁺</i> <i>Z-locus::natMX-TetR-tdTom LacI-eGFP::his7⁺ ura4-D18</i>	Fig. S1d,e
YUK804	<i>h⁻ P_{nmt41}-kan-slp1 ChrI-1.95Mb::hphMX-TetO LacO::lys1⁺</i> <i>Z-locus::natMX-TetR-tdTom LacI-eGFP::his7⁺</i> <i>leu1 ura4 ade6-M210</i>	Fig. S1d,e

Supplementary Table 3. PCR primer sequences used in this study.

Name	Sequence	Figure
YK717	<i>CAGGAAGAGATTGAGTCGACC</i>	Fig. 3e
YK718	<i>CTTTAATGCCTGACCAACCTC</i>	Fig. 3e
YK719	<i>ACACCAACACTTTCACCAGG</i>	Fig. 3e
YK720	<i>GCGTACATATCTTACTCAATTCGTC</i>	Fig. 3e
YK722	<i>ATCTTCTTGGCCTTTGCTTAGA</i>	Fig. 3e
YK724	<i>GAGATTCAAAGGGACCGTAGTG</i>	Fig. 3e
YK725	<i>TGGAAAGCAAAGTGTGGTAGAG</i>	Fig. 3e
YK728	<i>GATTTGGTTGGCGTTGGTTATT</i>	Fig. 3e
YK729	<i>GGCAATAGGACGACCATCAA</i>	Fig. 3e
YK731	<i>GCATGGAGCGACCAAGAAA</i>	Fig. 3e
YK377	<i>CTTGGTATCCGTAGCGTTGTT</i>	Fig. 2d
YK378	<i>CGATGATGAGTGTTGACGAGAG</i>	Fig. 2d
YK565	<i>GTTGTAACTGGTTGCCTGAC</i>	Fig. 2d
YK566	<i>GTAATTAAGGCTGCTTGCTCTTT</i>	Fig. 2d