

Supplementary table 1. Yeast strains used in this study

| Strain Number | Genotype | Notes |
|---------------|--|--------------------|
| KAY1450 | <i>MATα pep4::HIS3 prbl-AI.6R HIS3 lys2-208 trpl-Δ101 ura3-52 gal2 can1 Vps1Gly₆GFP::KanMx-loxP</i> | Peters et al, 2004 |
| KAY1470 | <i>MATα his3-Δ200, leu2-3/112, ura3-52, trp1-1 Abp1mRFP::HIS3</i> | This study |
| KAY870 | <i>MATα his3-Δ200, leu2-3/112, ura3-52 Sla1-mRFP::HIS3</i> | This study |
| KAY1492 | <i>MAT a/α KAY1450 x KAY1470</i> | This study |
| KAY1493 | <i>MAT a/ α KAY1450 x KAY870</i> | This study |
| KAY684 | <i>MATα SAC6-RFP::kanMX, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0</i> | Huh et al, 2003 |
| KAY1368 | <i>KAY684 Δvps1::LEU2</i> | This study |
| KAY723 | <i>MATα SLA2-GFP::HIS3, his3Δ1, leu2Δ0, met15Δ0, ura3Δ0</i> | Invitrogen |
| KAY1459 | <i>KAY723 Δvps1::LEU2</i> | This study |
| KAY1320 | <i>MATα ENT1-GFP::HIS3, his3Δ1, leu2Δ0, met15Δ0, ura3Δ0</i> | Invitrogen |
| KAY1460 | <i>KAY1320 Δvps1::LEU2</i> | This study |
| KAY757 | <i>MATα LAS17-GFP::HIS3, his3Δ1, leu2Δ0, met15Δ0, ura3Δ0</i> | Invitrogen |
| KAY1370 | <i>KAY757 Δvps1::LEU2</i> | This study |
| KAY726 | <i>MATα Rvs167-GFP::HIS3, his3Δ1, leu2Δ0, met15Δ0, ura3Δ0</i> | Invitrogen |
| KAY1337 | <i>KAY726 Δvps1::LEU2</i> | This study |
| BY4741 | <i>MATα his3Δ1, leu2Δ0, met15Δ0, ura3Δ0</i> | Invitrogen |
| BY4742 | <i>MATα his3Δ1, leu2Δ0, lys2Δ, ura3Δ0</i> | Invitrogen |
| KAY1095 | <i>MATα his3Δ1, leu2Δ0, lys2Δ, ura3Δ0 Δvps1::KanMx</i> | Invitrogen |
| KAY1098 | <i>BY4742 Δrvs167::LEU2</i> | This study |
| KAY1100 | <i>KAY1095 Δrvs167::LEU2</i> | This study |
| KAY1096 | <i>BY4742 Δdnm1::KanMx Δvps1::HIS5</i> | EH lab |
| KAY1462 | <i>BY4742 + integrated GFP-Snc1-SUC2 URA</i> | This study |
| KAY1535 | <i>MATα his3-Δ200, leu2-3/112, ura3-52, trp1-1 Rvs167-mRFP</i> | This study |
| KAY1536 | <i>KAY1450 x KAY1535</i> | |