

TABLE S2. **Plasmids used in this study**

| Name | Relevant information | Source |
|----------------------|--|---------------|
| pBN2 | CEN, LEU2, pNOP1-rrp12 ¹⁰⁷⁰⁻¹²²⁸ | |
| pJB1 | CEN, URA3, tsr1-GFP | S. Lemmon (1) |
| pNL25-T | CEN, TRP1, rpl25-GFP, mRFP-nop1 | E. Hurt (2) |
| pGFP-Ulp1 | CEN, LEU2, pNOP1-GFP-ulp1 | V. Panse (3) |
| pGM4-5 | CEN, HIS3, pGAL1-Rrp12-mCherry | This study |
| pGM16 | CEN, LEU2, pGAL1-rrp12 ¹⁰⁷⁰⁻¹²²⁸ -GFP | This study |
| pGM34 | CEN, LEU2, pGAL1-rrp12 ¹⁹⁸⁻¹²²⁸ -GFP | This study |
| pGM37 | CEN, LEU2, pNOP1-GFP-rrp12 | This study |
| pGM51 | CEN, LEU2, pGAL1-rrp12-GFP | This study |
| pGM57 | CEN, URA3, pNOP1-GFP-rrp12 | This study |
| pGM61 | CEN, LEU2, pNOP1-GFP-pwp2 | This study |
| pGM62 | CEN, LEU2, pNOP1-GFP-nop7 | This study |
| pGM63 | CEN, LEU2, pNOP1-GFP-arx1 | This study |
| pGM64 | CEN, LEU2, pNOP1-GFP-ltv1 | This study |
| pGM65 | CEN, LEU2, pNOP1-GFP-rio2 | This study |
| pLG1 | CEN, LEU2, pNOP1-rrp12 | This study |
| pLG2 | CEN, LEU2, pNOP1-rrp12 ¹⁹⁸⁻¹²²⁸ | This study |
| pUN100-Nup49-mCherry | CEN, LEU2, nup49-mCherry | V. Doye (4) |

1. Gelperin, D., Horton, L., Beckman, J., Hensold, J. and Lemmon, S.K. (2001) Bms1p, a novel GTP-binding protein, and the related Tsr1p are required for distinct steps of 40S ribosome biogenesis in yeast. *RNA (New York, N.Y.)*, **7**, 1268-1283.
2. Ulbrich, C., Diepholz, M., Bassler, J., Kressler, D., Pertschy, B., Galani, K., Bottcher, B. and Hurt, E. (2009) Mechanochemical removal of ribosome biogenesis factors from nascent 60S ribosomal subunits. *Cell*, **138**, 911-922.
3. Panse, V.G., Kuster, B., Gerstberger, T. and Hurt, E. (2003) Unconventional tethering of Ulp1 to the transport channel of the nuclear pore complex by karyopherins. *Nat Cell Biol*, **5**, 21-27.
4. Chadrin, A., Hess, B., San Roman, M., Gatti, X., Lombard, B., Loew, D., Barral, Y., Palancade, B. and Doye, V. (2010) Pom33, a novel transmembrane nucleoporin required for proper nuclear pore complex distribution. *The Journal of cell biology*, **189**, 795-811.