SUPPLEMENTARY FIGURE LEGENDS
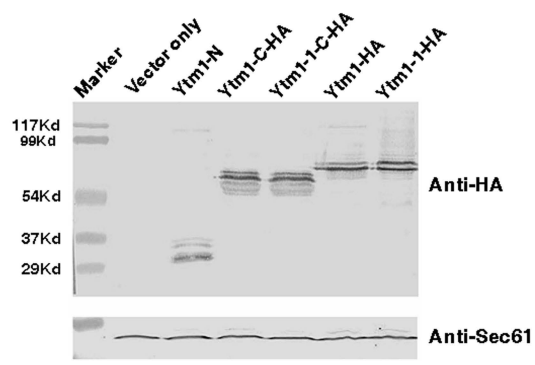
Supplementary Figure 1. Expression of full-length or truncated Ytm1, Erb1, and Nop7 proteins. Yeast strains containing each of the galactose inducible full-length or truncated *YTM1* (A), *ERB1* (B) or *NOP7* (C) genes were grown at 30°C in synthetic medium containing 1% raffinose to ~$1.5 \cdot 10^7$ cells/ml. Galactose was added to each strain to a final concentration of 1%. Cells were harvested after 4 hours induction (one doubling time). Cell lysates were prepared, separated by SDS-PAGE, and analyzed by western blotting using antibodies against the HA tag (top), or Sec61 (bottom) as a loading control.

Supplementary Figure 2. Subcellular localization of Ytm1, Erb1, or Nop7 truncations. Cells expressing HA-tagged truncations of Ytm1 (A), Erb1 (B), or Nop7 (C) were harvested, fixed, permeabilized, and analyzed by indirect immunofluoresence microscopy with a monoclonal anti-HA antibody (green). Also shown is the position of the nucleus visualized by DAPI staining (red) and a wild-type control strain containing no HA-tagged proteins (D).
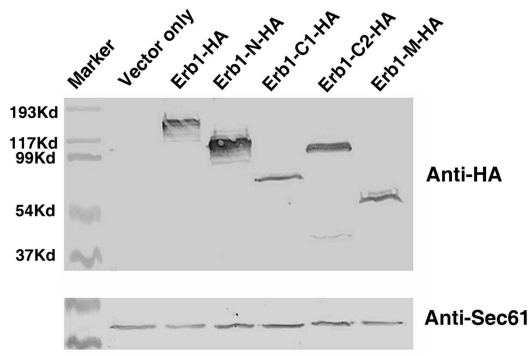
Supplementary Figure 3. Preribosomes co-purify with Ytm1-C, Erb1-N, Erb1-C2, and Nop7-M. Cell lysates were prepared from yeast strains expressing each of the TAP-tagged truncated proteins. Proteins associated with each truncated protein were purified by tandem affinity purification, resolved by SDS-PAGE, and subjected to western blot analysis using antibodies against Ebp2 and Cic1, two assembly factors present in 66S preribosomal particles. Preribosomes purified using Rpf2-TAP were used as a positive control.

Supplementary Figure 4. Erb1 is a WD40 repeat-containing protein. Predicted amino acid sequence of *S. cerevisiae* Erb1 is shown. The seven WD40 repeats are overlined.
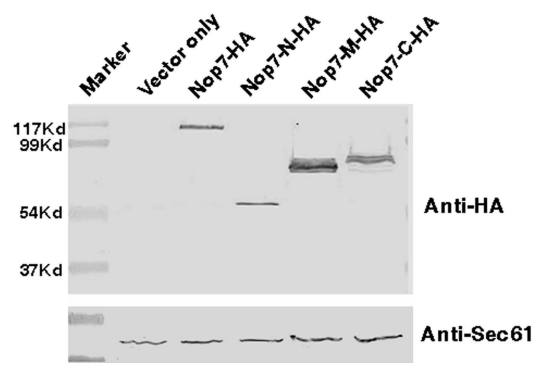
A

Marker | Vector only | Ytm1-N | Ytm1-C-HA | Ytm1-1-C-HA | Ytm1-HA | Ytm1-1-HA

117Kd
99Kd

54Kd

37Kd

29Kd

Anti-HA

Anti-Sec61

B

Marker | Vector only | Erb1-HA | Erb1-N-HA | Erb1-C1-HA | Erb1-C2-HA | Erb1-M-HA

193Kd

117Kd
99Kd

54Kd

37Kd

Anti-HA

Anti-Sec61

C

Marker | Vector only | Nop7+HA | Nop7-N-HA | Nop7-M-HA | Nop7-C-HA

117Kd
99Kd

54Kd

37Kd

Anti-HA

Anti-Sec61

Supplementary Figure 1

A

	Anti-HA	DAPI	Overlay
Ytm1-N			
Ytm1-C			
Ytm1-1-C			

B

	Anti-HA	DAPI	Overlay
Erb1-N			
Erb1-C1			
Erb1-C2			
Erb1-M			

C

Nop7-N			
Nop7-C			
Nop7-M			

D

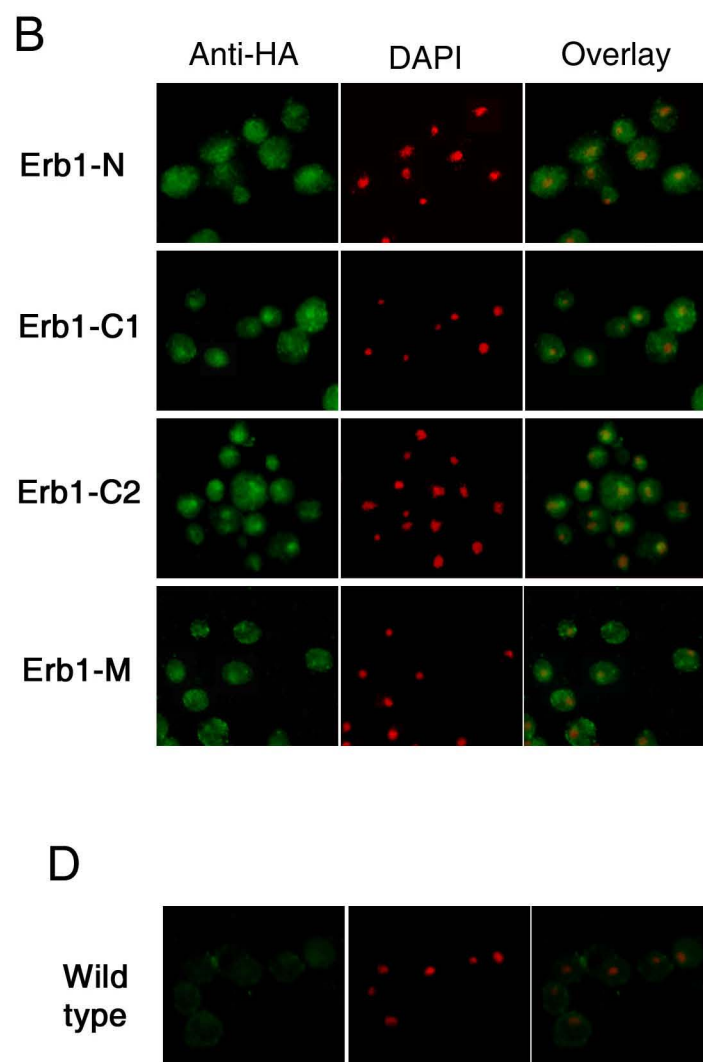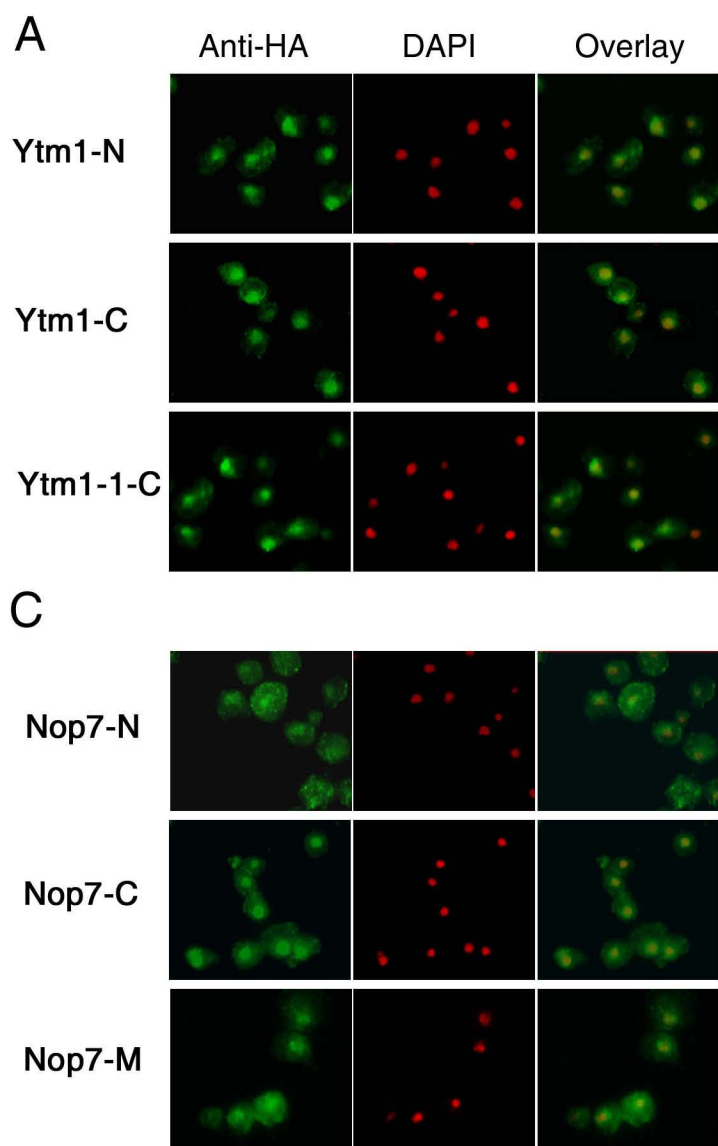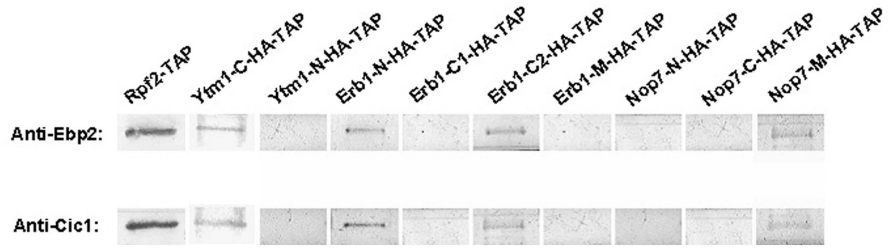|			
Wild type			

Supplementary Figure 2

Supplementary Figure 3

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  1  MMAKNNKTTE AKMSKKRAAS EESDVEEDED KLLSVDGLID AEASESDEDD
 51  DEYESAVEEK ESSSDKEAQD DSDDDSDAEL NKLLAEEEGD GEEDYDSSEF
101  SDDTTSLTDR LSGVKLQTIV DPNIYSKYAD GSDRIIKPEI NPVYDSDDSD
151  AETQNTIGNI PLSAYDEMPH IGYDINGKRI MRPAKGSALD QLLDSIELPE
201  GWTGLLDKNS GSSLNLTKEE LELISKIQRN EQTDDSINPY EPLIDWFTRH
251  EEVMPLTAVP EPKRRFVPSK NEAKRVMKIV RAIREGRIIP PKKLKEMKEK
301  EKIENYQYDL WGDSTETNDH VMHLRAPKLP PPTNEESYNP PEEYLLSPEE
351  KEAWENTEYS ERERNFIPQK YSALRKVPGY GESIRERFER SLDLYLAPRV
                                              WD 1 (426-465)
401  RKNKLNIDPN SLIPELPSPK DLRPFPIRCS TIYAGHKGKV RTLSIDPSGL
                                              WD 2 (471-514)
451  WLATGSDDGT VRVWEILTGR EVYRTTLIDD EENPDYHIEC IEWNPDANNG
501  ILAVAVGENI HLIVPPIFGY DIENNGKTKI EDGFGYDTFG TVKKSNLEVN
551  ENGDGDEDGE NESAKNAVKK QVAQWNKPSQ KQLEKDICIT ISCKKTVKKL
         WD 3 (587-625)                     WD 4 (630-666)
601  SWHRKGDYFV TVQPDSGNTS VLIHQVSKHL TQSPFKKSKG IIMDAKFHPF
                                              WD 5 (672-708)
651  KPQLFVCSQR YVRIYDLSQQ ILVKKLLPGA RWLSKIDIHP RGDNLIASSF
                                              WD 6 (714-751)
701  DKRVLWHDLD LASTPYKTLR YHEKAVRSVN FHKKLPLFSS AADDGTIHVF
                                              WD 7 (767-806)
751  HATVYDDMMK NPMIVPLKKL TGHKVINSLG VLDAIWHPRE AWLFSAGADN
801  TARLWTT*
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Supplementary Figure 4