

## Additional table

The protein complexes were manually annotated in the defined categories. The color codes are the same used in figure 1.

<b>Protein complex</b>	<b>Category</b>
prefoldin complex	Cytoskeleton-related
chaperonin-containing T-complex	Cytoskeleton-related
Arp2/3 protein complex	Cytoskeleton-related
Golgi transport complex	Golgi/vacuolar/vesicular
alpha-1,6-mannosyltransferase complex(Anp1p/Mnn9p)	Golgi/vacuolar/vesicular
retromer complex	Golgi/vacuolar/vesicular
ESCRT I complex	Golgi/vacuolar/vesicular
H <sup>+</sup> -transporting ATPase, vacuolar	Golgi/vacuolar/vesicular
H <sup>+</sup> -transporting ATPase, Golgi	Golgi/vacuolar/vesicular
CORVET complex	Golgi/vacuolar/vesicular
HOPS complex	Golgi/vacuolar/vesicular
ESCRT III complex	Golgi/vacuolar/vesicular
Exocyst complex	Golgi/vacuolar/vesicular
OCA complex	Golgi/vacuolar/vesicular
COPI	Golgi/vacuolar/vesicular
AP-1 adaptor complex	Golgi/vacuolar/vesicular
AP-2 adaptor complex	Golgi/vacuolar/vesicular
GSE Complex	Golgi/vacuolar/vesicular
AP-3 adaptor complex	Golgi/vacuolar/vesicular
TRAPP complex	Golgi/vacuolar/vesicular
cytoplasmic ribosomal large subunit	Translation machinery
mitochondrial ribosomal small subunit	Translation machinery
cytoplasmic ribosomal small subunit	Translation machinery
mitochondrial ribosomal large subunit	Translation machinery
eIF2B	Translation machinery
Cytoplasmic exosome complex	RNA processing
mRNA cleavage and polyadenylation specificity factor complex	RNA processing
ribonuclease MRP complex	RNA processing
nucleolar ribonuclease P complex	RNA processing
Prp19-associated complex	RNA processing
Nuclear exosome complex	RNA processing
DNA-directed RNA polymerase III complex	Chromatin dynamics
DNA-directed RNA polymerase I complex	Chromatin dynamics
NuA4 histone acetyltransferase complex	Chromatin dynamics
COMPASS complex	Chromatin dynamics
RSC complex	Chromatin dynamics

Elongator complex	Chromatin dynamics
SAGA complex	Chromatin dynamics
HIR complex	Chromatin dynamics
Swr1p complex	Chromatin dynamics
Ada2p/Gcn5p/Ada3 transcription activator complex	Chromatin dynamics
Kornberg's mediator (SRB) complex	Chromatin dynamics
THO complex	Chromatin dynamics
CCR4-NOT core complex	Chromatin dynamics
SLIK (SAGA-like) complex	Chromatin dynamics
transcription factor TFIID complex	Chromatin dynamics
Rpd3L complex	Chromatin dynamics
Set3p complex	Chromatin dynamics
20S proteasome	Proteasome
FBP degradation complex	Proteasome
19/22S regulator	Proteasome