

Supplementary Table 1. Yeast COG interactome.

COG subunit	Partner	Class	Reference
Cog1	COPI	Coat	1
Cog2	Sed5	SNARE	1
	Ypt1	Rab	1
	Ypt6	Rab	1
	COPI	Coat	1
	Sec21	Coat	1
Cog3	Sed5	SNARE	1
	Ykt6	SNARE	1
	Gos1	SNARE	1
	Sec22	SNARE	1
	Ypt1	Rab	1
	Ypt6	Rab	1
	Vps52	Tether	2
	COPI	Coat	1
Cog4	Sed5	SNARE	3
	Tip20	Tether	4
	COPI	Coat	1
Cog6	Ypt1	Rab	5
	Ypt6	Rab	5
	COPI	Coat	1

1. Suvorova, E.S., Duden, R. & Lupashin, V.V. The Sec34/Sec35p complex, a Ypt1p effector required for retrograde intra-Golgi trafficking, interacts with Golgi SNAREs and COPI vesicle coat proteins. *J Cell Biol* **157**, 631-43 (2002).
2. Tarassov, K. et al. An in vivo map of the yeast protein interactome. *Science* **320**, 1465-70 (2008).
3. Shestakova, A., Suvorova, E., Pavliv, O., Khaidakova, G. & Lupashin, V. Interaction of the conserved oligomeric Golgi complex with t-SNARE Syntaxin5a/Sed5 enhances intra-Golgi SNARE complex stability. *J Cell Biol* **179**, 1179-1192 (2007).
4. Uetz, P. et al. A comprehensive analysis of protein-protein interactions in *Saccharomyces cerevisiae*. *Nature* **403**, 623-7 (2000).
5. Yu, H. et al. High-quality binary protein interaction map of the yeast interactome network. *Science* **322**, 104-10 (2008).