Online material 5. Correspondence between protein clusters and functional modules

GO class	GO terms	GO Id	Cluster(s)	Specificity
A	Exocyst (CC)	GO:0000145	4	7/8 (88%)
B	Vesicle-mediated transport (BP)	GO:0016192	3, 4	33/38 (87%)
C	Cell cortex (CC)	GO:0005938	3	21/26 (81%)
	Actin cortical patch (CC)	GO:0030479		
D	Septin ring (CC)	GO:0005940	1, 3	16/17 (94%)
	Cellular bud neck septin ring (CC)	GO:0000144		
	Cellular bud neck contractile ring (CC)	GO:0000142		
E	Establishment of cell polarity (BP)	GO:0030468	1,5	28/45 (62%)
	Cellular bud site selection (BP)	GO:0000282		
	Axial bud site selection (BP)	GO:0007120		
F	Signal transduction (BP)	GO:0007165	2	9/12 (75%)
	Cellular morphogenesis (BP)	GO:0000903		

'GO class' identifies the six classes of GO annotations, in either the 'biological process' (BP) or 'cellular components ('CC') vocabulary, that are reported in Figure 2b. 'Specificity' quantifies the ratio between the number of proteins, which are annotated with the term(s) of the indicated GO class and belong to the indicated cluster(s), and the total number of yeast proteins with the same annotation(s) in the GO database. For instance, 7 out of the 8 proteins, which are annotated with the 'Exocyst' term in GO, belong to Cluster 4 of the polarity network.