Electronic Supplementary Material (ESI) for Molecular BioSystems. This journal is © The Royal Society of Chemistry 2014 В ALG1 ALG11 ALG2 GAA1 GPI16 PER1 GPI8 GWT1 CHO1 GPI19 GPI2 ELO1 SUR2 FEN1 SUR4 TSC13 SAC1 PSD1 YPC1 ARE2 IFA38 PHS1 YEL1 YJR015W D C NMA111 ERG2 ERG28 ERG6 YOR097C PDR17 AYR1 ERG1 PSD2 KES1 ERG7 EHT1 VPS74 TGL1 SLC1 **YBR141C** ERG27 YEH1 HMF1 FAT1 TGL3 **YPR097W** TSC10 VPS66 SCT1 Direct interaction

Supplementary figure 1. Protein-protein interaction network of lipid metabolism and function. (A) Protein-protein interaction network of proteins known or predicted to be involved in lipid homeostasis. Interaction data was retrieved from BioGRID, predictions are made by the GeneMANIA algorithm. Interactions between known and predicted proteins are arranged using average linkage agglomerative hierarchical clustering. Interactions between known members of lipid metabolism are shown in red; interactions between proteins predicted to be involved in lipid metabolism in blue. Detailed interaction network around predicted proteins Yjr015wp (B), Yor097cp (C) and Ybr141cp (D) are shown.

Indirect interaction

Direct interaction involving predicted protein