

**Table S5:**

Gene Ontology analysis of deregulation of gene expression in *mcd1-1* with respect to biological processes affected. Results of the Gene Ontology Slim Term Mapper searching for all terms from GO Set: Yeast GO slim: process.

GO Terms from the biological process Ontology GO Term (GO ID)	Percentage of total affected genes	Total no. of genes in process	No. of genes affected within process	Affected genes within process (percentage)
Cytoplasmic translation (GO:0002181)	12.09	206	115	55.83
Transmembrane transport (GO:0055085)	8.94	459	85	18.52
Meiotic cell cycle (GO:0051321)	8.62	323	82	25.39
Cell wall organization and biogenesis (GO:0071554)	7.26	299	69	23.08
Carbohydrate metabolic process (GO:0005975)	6.83	248	65	26.21
Response to chemical (GO:0042221)	6.83	552	65	11.78
rRNA processing (GO:0006364)	6.1	359	58	16.16
Ion transport (GO:0006811)	5.99	359	57	15.88
Sporulation (GO:0043934)	5.89	170	56	32.94
Monocarboxylic metabolic process (GO:0032787)	4.73	174	45	25.86
All terms	-	6439	951	14.77

List of GO term process – top 10 categories are shown here (Total affected categories - 96)