
SPELL results for genes co-regulated with *YER067W*

GO Term	P-val	Annotated Genes
energy reserve metabolic process (biological_process)	2.25e-05	GSY2, GLC3, TSL1, GSY1, TPS2
cellular carbohydrate metabolic process (biological_process)	5.22e-05	GSY2, PGM2, GLC3, TSL1, SOL4, HXK1, GSY1, TPS2
carbohydrate metabolic process (biological_process)	1.01e-04	GSY2, PGM2, GLC3, TSL1, SOL4, HXK1, GSY1, TPS2
carbohydrate biosynthetic process (biological_process)	6.74e-04	GSY2, GLC3, TSL1, GSY1, TPS2
glycogen biosynthetic process (biological_process)	1.85e-03	GSY2, GLC3, GSY1
UDP-glucosyltransferase activity (molecular_function)	2.39e-03	GSY2, TSL1, GSY1
glycogen (starch) synthase activity (molecular_function)	2.87e-03	GSY2, GSY1
generation of precursor metabolites and energy (biological_process)	3.61e-03	STF2, GSY2, GLC3, TSL1, GSY1, TPS2
glucosyltransferase activity (molecular_function)	3.79e-03	GSY2, TSL1, GSY1
trehalose-phosphatase activity (molecular_function)	8.59e-03	TSL1, TPS2
glucan biosynthetic process (biological_process)	9.40e-03	GSY2, GLC3, GSY1
UDP-glycosyltransferase activity (molecular_function)	1.66e-02	GSY2, TSL1, GSY1
alpha,alpha-trehalose-phosphate synthase complex (UDP-forming) (cellular_component)	1.72e-02	TSL1, TPS2
trehalose biosynthetic process (biological_process)	1.72e-02	TSL1, TPS2
disaccharide biosynthetic process (biological_process)	1.72e-02	TSL1, TPS2
energy derivation by oxidation of organic compounds (biological_process)	1.75e-02	GSY2, GLC3, TSL1, GSY1, TPS2
transferase activity, transferring hexosyl groups (molecular_function)	2.79e-02	GSY2, GLC3, TSL1, GSY1
glycogen metabolic process (biological_process)	2.96e-02	GSY2, GLC3, GSY1
polysaccharide biosynthetic process (biological_process)	4.38e-02	GSY2, GLC3, GSY1

SPELL results for genes co-regulated with *YIL057C*

GOTerm	P-val	Annotated Genes
peroxisome (cellular_component)	5.95e-03	PXA1, CTA1, POT1, ECI1
microbody (cellular_component)	5.95e-03	PXA1, CTA1, POT1, ECI1
ammonium transporter activity (molecular_function)	3.45e-02	ADY2, ATO2
ammonium transport (biological_process)	3.45e-02	ADY2, ATO2
organic cation transport (biological_process)	3.45e-02	ADY2, ATO2
organic cation transporter activity (molecular_function)	3.45e-02	ADY2, ATO2
microbody part (cellular_component)	3.87e-02	PXA1, CTA1, POT1
peroxisomal part (cellular_component)	3.87e-02	PXA1, CTA1, POT1
