

Table 5.

Biomodule ID	Proteins	Representative Gene Ontology biological process
Biomodule 8	GAL80, GAL1, GAL2, GAL3, GAL4, GAL7, GAL10	Galactose metabolism
Biomodule 1	UGA3, CHA4, DAL81, LYS14, LAS17	Nitrogen utilization, AA catabolism, Lys biosynthesis
Biomodule 3	RVS167, AGP2, HOR2, RHR2, SKN7	Endocytosis, response to osmotic stress, actin filament organization, glycerol metabolism/synthesis
Biomodule 5	ACC1, DUR1,2, URA2, CPA1, CPA2, PYC2, URA8, ABZ1	Urea metabolism, pyrimidine base biosynthesis, arginine biosynthesis, NADPH regeneration, gluconeogenesis
Biomodule 6	GLC7, GAC1, GSY1, GSY2, PGM1, PGM2	Glycogen metabolism
Biomodule 9	ARA1, GLK1, GLO2, MAL33	Carbohydrate metabolism, maltose metabolism
Biomodule 12	EMI2, HXK1, HXK2, YDL036C	Fructose metabolism
Biomodule 13	YML131W, YNL134C, ADH6, YIM1, AST2, YAL061W, AST1, SFA1	Aldehyde/alcohol metabolism, formaldehyde assimilation, protein-membrane targeting
Biomodule 19	GIP2, PIG2, SEC17, GIP1	Protein phosphatase, protein transport.
Biomodule 20	GRE3, YPR1, GCY1, YJR096W, YPR127W	Response to stress, salinity response, arabinose metabolism