

Osmotic stress-specific genes

Gene name	Annotation
SPCC757.12	putative alpha-amylase
SPAC25B8.12C	haloacid dehalogenase-like hydrolase
SPCC794.04C	MFS drug efflux transporter of unknown specificity
atf21	atf creb-family transcription factor
map1	pheromone receptor transcription activator for mating response
SPAC26F1.11	very hypothetical protein
SPAC6B12.07C	zinc-finger protein
SPAC1002.20	very hypothetical protein
SPBC947.04	"hypothetical serine/threonine rich repeat protein SPAC977.07C; possibly S. pombe specific; serine/threonine-rich low similarity to cell surface glycoproteins"
SPBC29A3.08	F-box protein; putative elongin A transcription elongation factor; similar to S. cerevisiae ELA1
SPAC1805.09C	putative methionyl-trna formyltransferase
mip1	DNA polymerase gamma

CESR genes that are super-induced in response to sorbitol

SPAC22A12.17C	short chain dehydrogenase; possible sorbitol utilization
SPCC320.03	hypothetical zinc-finger protein
SPAC2C4.17C	hypothetical protein
pyp2	protein-tyrosine phosphatase 2
SPCC1183.11	Mechanosensitive ion channel domain
SPBC1105.14	putative Zinc-finger transcriptional activator
SPAC513.02	protein with similarity to phosphoglycerate mutases
SPACUNK4.17	putative sugar oxidoreductase; possible sorbitol utilisation