Promoter	Protein function	Organism	Derepressed by: (strength)	Regulating sequence	DNA-binding target protein	Ref.
HXT7	high affinity hexose transporter	*S. cerevisiae*	low glucose level (10-15x)	no information available		[28] [29]
HXT2	high affinity hexose transporter	*S. cerevisiae*	low glucose level (10-15x)	-590 to -579 -430 to -424 -393 to -387	Rgt1	[30] [31]
				-504 to -494 -427 to -415	Mig1	[30]
				-291 to -218	UAS	[32]
				-226 to -218	activator protein?	[32]
HXT4	high affinity hexose transporter	*S. cerevisiae*	low glucose level	-645 to -639	Rgt1	[31]
HXT6	high affinity hexose transporter	*S. cerevisiae*	low glucose level (10x)	no information available	Mig2	[10]
KHT2	high affinity hexose transporter	*K. lactis*	low glucose level (2x)	no information available		[33]
HGT9, 10, 12, 17	high affinity hexose transporter	*C. albicans*	low glucose level	no information available		[34]
SUC2	Invertase	*S. cerevisiae*	sucrose low glucose level (200x)	-499 to -480 -442 to -425	Mig1/2	[20]
				-627 to -617	Sko1	
				-650 to -418	UAS	
				-133	RNA-Pol II	
ADH2	alcohol dehyrogenase	*S. cerevisiae*	low glucose level (100x)	-319 to -292	Cat8	[24]
				-291 to ??	Adr1	
JEN1	lactat permease	*S. cerevisiae*	low glucose level (10x) lactat	-651 to -632 -1321 to -1302	Cat8	[22] [35]
				-660 to -649 -1447 to -1436	Mig1	[35]
				-739 to -727	Abf1	[35]
MOX	methanol oxidase	*H. polymorpha*	low glucose level, glycerol	-245 to -112	Adr1	[36]
				-507 to -430	UAS	[37]
AOX delta 6*	Alcohol oxidase	*P. pastoris*	low glucose level, glycerol		deleted GCR1-site	[36]
GLK1	Glucokinase	*S. cerevisiae*	low glucose level (6x) (ethanol (25x))	-881 to -702	Gcr1	[39]
				-572 to -409	URS	
				-408 to -104	Msn2/4	
HXK1	Hexokinase	*S. cerevisiae*	low glucose level (10x) (ethanol)	no information available		[40]

ALG2	isocitrate lyase	*H. polymorpha*	low glucose level	no information available	[41]

Tab. 3. Yeast promoters derepressed by gradual glucose consumption (repressed by glucose), and respective known regulator elements and binding sites.