

Table S1

A

List of potential transcription factors (TF) that have a binding sequence in the *DGA1* promoter regions (first 1000 bp upstream of the START codon), according to YEASTRACT+ (Monteiro et al., 2020).

Transcription factor	Consensus binding site	Position
Abf1p	TCN{7}ACG	-290
Abf1p	TCN{7}ACG	-115
Abf1p	TCN{7}ACG	-658
Abf1p	RTCRN{6}ACGNR	-291
Ash1p	YTGAT	-303
Ash1p	YTGAT	-166
Ash1p	YTGAT	-388
Ash1p	YTGAT	-495
Ash1p	YTGAT	-805
Azf1p	AAAAGAAA	-704
Cat8p/Sip4p	NCCDTYNVNCCGN	-783
Cbf1p	TCACGTT	-108
Cup2p	HTHNNGCTGD	-708
Fkh1p/Fkh2p	RYMAAYA	-114
Fkh1p/Fkh2p	RYMAAYA	-811
Fkh1p/Fkh2p	AAACA	-116
Gcn4p	TGACTGA	-287
Gcr1p	CTTCC	-214
Gcr1p	CTTCC	-147
Gcr1p	CTTCC	-268
Gcr1p	CTTCC	-588
Gcr1p	CWTCC	-777
Gcr1p	CWTCC	-214
Gcr1p	CWTCC	-147
Gcr1p	CWTCC	-268
Gcr1p	CWTCC	-588
Gln3p	GATTAG	-831
Ino2p/Ino4p	WYTTCAVRTGS	-875
Mot3p	WAGGTA	-862
Mot3p	CAGGYA	-357
Mot3p	TAGGTA	-862
Mot3p	AAGGWT	-733
Mot3p	AAGGWT	-656
Msn2p	RGGGG	-577
Msn2p	RGGGG	-576

Ndt80p	CACAAA	-757
Pho4p	CACGTK	-107
Pip2p	CCGNNNTA	-842
Rgt1p	CGGANNA	-771
Rox1p	ACAAT	-542
Rox1p	ACAAT	-401
Rox1p	ACAAT	-969
Rtg1p/Rtg3p	GTCAC	-9
Rtg1p/Rtg3p	GGTAC	-860
Skn7p	GGCCR	-939
Skn7p	GGCCR	-814
Skn7p	GGCCR	-340
Skn7p	GGCCR	-810
Stb5p	CGGNS	-673
Stb5p	CGGNS	-578
Stb5p	CGGNS	-342
Stb5p	CGGNS	-205
Stb5p	CGGNS	-335
Stb5p	CGGNS	-484
Stb5p	CGGNS	-503
Stb5p	CGGNS	-779
Xbp1p	CTCGA	-946
Xbp1p	CTCGA	-553
Yap1p	TKACAAA	-892
Yap1p	TACTCA	-844
Yrr1p	WCCGYKKWW	-488
Pho2p	WTAWTW	-430
Pho2p	WTAWTW	-422
Pho2p	WTAWTW	-418
Pho2p	WTAWTW	-877
Mot2p	ATATA	-476
Mot2p	ATATA	-474
Mot2p	ATATA	-47
Mot2p	ATATA	-470

B

List of documented regulations, according to YEASTRACT+ (Monteiro et al., 2020), and filtered by:

- a) DNA binding plus expression evidence;
- b) TF acting as activator or inhibitor.

Aca1p
Bas1p
Fhl1p
Hal9p
Ino2p
Msn2p
Msn4p
Rtg1p
Rpn4p
Sfp1p
Sok2p
Sut1p
Gat1p
Pdr1p
Pdr3p
Yap1p
Gcn4p
Met28p
Cbf1p
Met31p
Adr1p

References

1. Monteiro, P.T., J. Oliveira, P. Pais, M. Antunes, M. Palma, M. Cavalheiro, M. Galocha, C.P. Godinho, L.C. Martins, N. Bourbon, M.N. Mota, R.A. Ribeiro, R. Viana, I. Sa-Correia, and M.C. Teixeira. YEASTRACT+: a portal for cross-species comparative genomics of transcription regulation in yeasts. *Nucleic Acids Res.* **2020**, *48*, 642-649.