
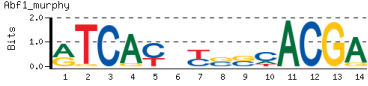

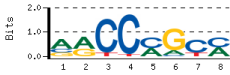

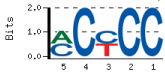


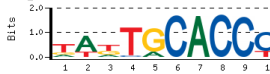




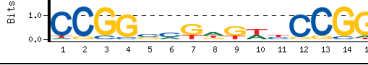







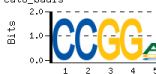




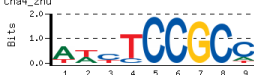



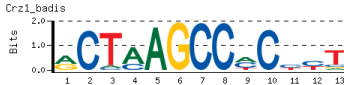

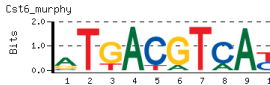




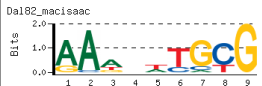
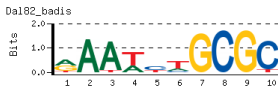






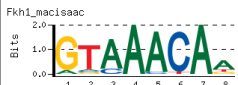









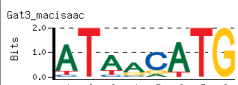

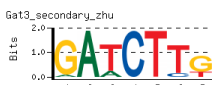




















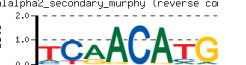










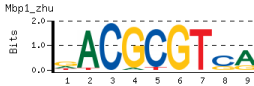
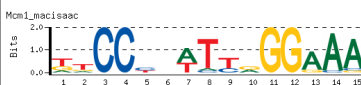
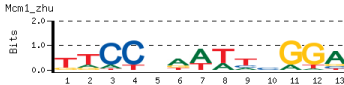
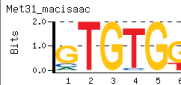
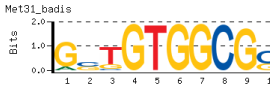

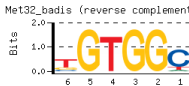


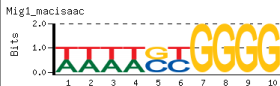
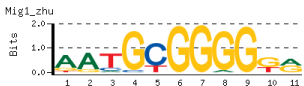
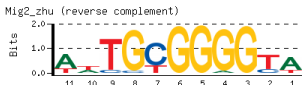
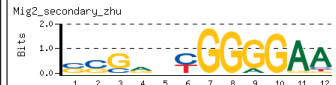
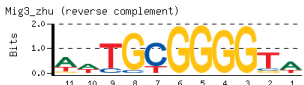


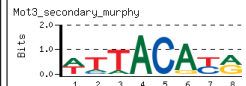

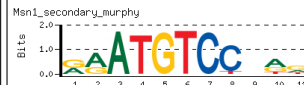

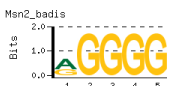
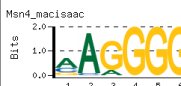
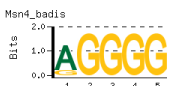






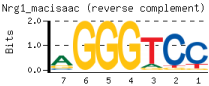



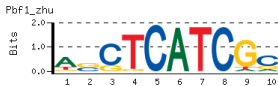

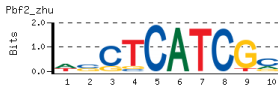


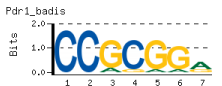


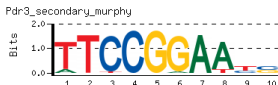









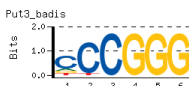







Table S6. Comparison of *in vivo* motifs (MacIsaac et al. 2006) and *in vitro* motifs (selected from this study, Zhu et al. 2009, or Badis et al. 2008) for 150 *S. cerevisiae* TFs. TFs for which the *in vivo* and *in vitro* motifs are different are marked in red font.

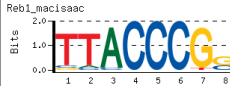

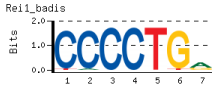
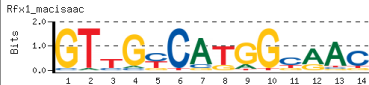

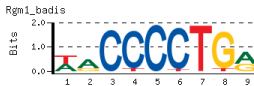


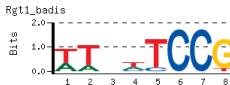

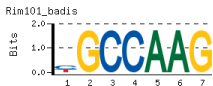

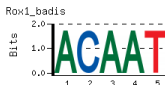

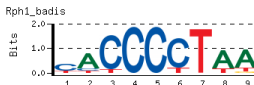









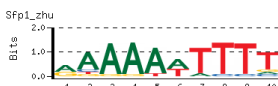
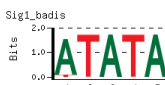

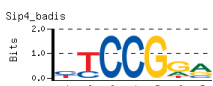
No.	TF	<i>In vivo</i> motif (MacIsaac et al.)	<i>In vitro</i> PBM motif (primary)	<i>In vitro</i> PBM motif (secondary)
1	Abf1			
2	Abf2			
3	Ace2			
4	Adr1			
5	Aft1			
6	Aft2			
7	Aro80			
8	Asg1			
9	Azf1			
10	Bas1			
11	Cad1			
12	Cat8			
13	Cbf1			
14	Cep3			
15	Cha4			

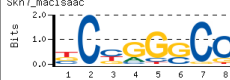
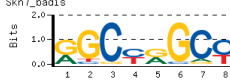




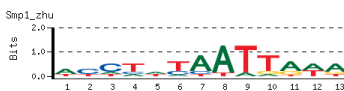




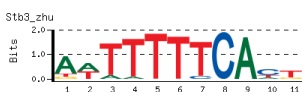




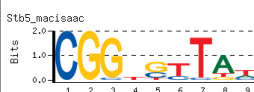
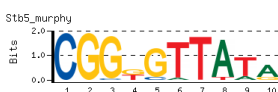














No.	TF	<i>In vivo</i> motif (MacIsaac et al.)	<i>In vitro</i> PBM motif (primary)	<i>In vitro</i> PBM motif (secondary)
16	Cin5			
17	Crz1			
18	Cst6			
19	Cup9			
20	Dal80			
21	Dal82			
22	Ecm22			
23	Ecm23			
24	Fhl1			
25	Fkh1			
26	Fkh2			
27	Fzf1			
28	Gal4			
29	Gat1			
30	Gat3			
31	Gat4			

No.	TF	<i>In vivo</i> motif (MacIsaac et al.)	<i>In vitro</i> PBM motif (primary)	<i>In vitro</i> PBM motif (secondary)
32	Gcn4	Gcn4_macisaac 	Gcn4_zhu 	Gcn4_secondary_zhu 
33	Gcr1	Gcr1_macisaac (reverse complement) 	Gcr1_murphy 	
34	Gis1		Gis1_badis 	
35	Gln3	Gln3_macisaac 	Gln3_badis (reverse complement) 	
36	Gsm1		Gsm1_zhu 	
37	Gzf3	Gzf3_macisaac 	Gzf3_zhu 	
38	Hac1	Hac1_macisaac 	Hac1_badis 	
39	Hal9		Hal9_zhu 	
40	Hap1	Hap1_macisaac 	Hap1_murphy 	Hap1_secondary_murphy 
41	Hcm1		Hcm1_badis 	
42	Hmlalpha2		Hmlalpha2_murphy 	Hmlalpha2_secondary_murphy (reverse co 
43	Hmra2		Hmra2_badis 	
44	Hsf1	Hsf1_macisaac 	Hsf1_badis 	
45	Leu3	Leu3_macisaac 	Leu3_zhu 	Leu3_secondary_zhu 
46	Lys14		Lys14_zhu 	Lys14_secondary_zhu 
47	Matalpha2		Matalpha2_zhu 	

No.	TF	<i>In vivo</i> motif (MacIsaac et al.)	<i>In vitro</i> PBM motif (primary)	<i>In vitro</i> PBM motif (secondary)
48	Mbp1			
49	Mcm1			
50	Met31			
51	Met32			
52	Mga1			
53	Mig1			
54	Mig2			
55	Mig3			
56	Mot3			
57	Msn1			
58	Msn2			
59	Msn4			
60	Ndt80			
61	Nhp10			
62	Nhp6a			
63	Nhp6b			

No.	TF	<i>In vivo</i> motif (MacIsaac et al.)	<i>In vitro</i> PBM motif (primary)	<i>In vitro</i> PBM motif (secondary)
64	Nrg1	Nrg1_macisaac (reverse complement) 	Nrg1_zhu 	
65	Nrg2		Nrg2_murphy 	
66	Oaf1		Oaf1_badis 	
67	Pbf1		PbF1_zhu 	PbF1_secondary_zhu (reverse complement) 
68	Pbf2		PbF2_zhu 	PbF2_secondary_zhu (reverse complement) 
69	Pdr1	Pdr1_macisaac 	Pdr1_badis 	
70	Pdr3	Pdr3_macisaac 	Pdr3_murphy 	Pdr3_secondary_murphy 
71	Pdr8		Pdr8_badis (reverse complement) 	
72	Phd1	Phd1_macisaac (reverse compleme) 	Phd1_zhu 	
73	Pho2	Pho2_macisaac 	Pho2_badis 	
74	Pho4	Pho4_macisaac 	Pho4_zhu 	Pho4_secondary_zhu 
75	Put3	Put3_macisaac 	Put3_badis 	
76	Rap1	Rap1_macisaac (reverse complement) 	Rap1_zhu 	
77	Rdr1		Rdr1_zhu 	
78	Rds1	Rds1_macisaac 	Rds1_zhu 	Rds1_secondary_zhu (reverse complement) 
79	Rds2		Rds2_badis 	

No.	TF	<i>In vivo</i> motif (MacIsaac et al.)	<i>In vitro</i> PBM motif (primary)	<i>In vitro</i> PBM motif (secondary)
80	Reb1			
81	Rei1			
82	Rfx1			
83	Rgm1			
84	Rgt1			
85	Rim101			
86	Rox1			
87	Rph1			
88	Rpn4			
89	Rsc3			
90	Rsc30			
91	Rtg3			
92	Sfl1			
93	Sfp1			
94	Sig1			
95	Sip4			

No.	TF	<i>In vivo</i> motif (MacIsaac et al.)	<i>In vitro</i> PBM motif (primary)	<i>In vitro</i> PBM motif (secondary)
96	Skn7			
97	Sko1			
98	Smp1			
99	Sok2			
100	Spt15			
101	Srd1			
102	Stb3			
103	Stb4			
104	Stb5			
105	Ste12			
106	Stp1			
107	Stp2			
108	Stp3			
109	Stp4			
110	Sum1			
111	Sut1			

No.	TF	<i>In vivo</i> motif (MacIsaac et al.)	<i>In vitro</i> PBM motif (primary)	<i>In vitro</i> PBM motif (secondary)
112	Sut2		Sut2_zhu 	
113	Swi4	Swi4_macisaac 	Swi4_badis 	
114	Swi5	Swi5_macisaac 	Swi5_badis 	
115	Tbf1		TbF1_zhu 	TbF1_secondary_zhu
116	Tbs1		Tbs1_zhu 	Tbs1_secondary_zhu
117	Tea1		Tea1_zhu 	Tea1_secondary_zhu
118	Tec1	Tec1_macisaac 	Tec1_badis 	
119	Tos8		Tos8_badis 	
120	Tye7	Tye7_macisaac 	Tye7_zhu 	Tye7_secondary_zhu
121	Uga3	Uga3_macisaac 	Uga3_badis 	
122	Ume6	Ume6_macisaac (reverse complement) 	Ume6_zhu 	Ume6_secondary_zhu
123	Upc2		Upc2_murphy 	Upc2_secondary_murphy (reverse com)
124	Usv1		Usv1_zhu 	Usv1_secondary_zhu
125	Vhr1		Vhr1_murphy 	
126	Xbp1	Xbp1_macisaac 	Xbp1_badis 	
127	Yap1	Yap1_macisaac 	Yap1_zhu 	Yap1_secondary_zhu

No.	TF	<i>In vivo</i> motif (MacIsaac et al.)	<i>In vitro</i> PBM motif (primary)	<i>In vitro</i> PBM motif (secondary)
128	Yap3	Yap3_macisaac 	Yap3_murphy 	Yap3_secondary_murphy
129	Yap6	Yap6_macisaac 	Yap6_zhu 	
130	Ybr033w		Ybr033w_murphy 	
131	Ybr239c		Ybr239c_zhu 	Ybr239c_secondary_zhu
132	Ydr520c	Ydr520c_macisaac (reverse complement) 	Ydr520c_badis 	
133	Yer064c		Yer064c_murphy 	Yer064c_secondary_murphy
134	Yer130c		Yer130c_badis 	
135	Yer184c		Yer184c_murphy 	
136	Ygr067c		Ygr067c_badis 	
137	Ykl222c		Ykl222c_zhu 	
138	Yll054c		Yll054c_zhu 	
139	Ylr278c		Ylr278c_murphy 	Ylr278c_secondary_murphy
140	Yml081w	Yml081w_macisaac 	Yml081w_zhu 	Yml081w_secondary_zhu (reverse com)
141	Ynr063w		Ynr063w_badis 	
142	Yox1	Yox1_macisaac 	Yox1_badis 	
143	Ypr013c		Ypr013c_zhu 	

No.	TF	<i>In vivo</i> motif (MacIsaac et al.)	<i>In vitro</i> PBM motif (primary)	<i>In vitro</i> PBM motif (secondary)
144	Ypr015c		Ypr015c_zhu 	
145	Ypr022c		Ypr022c_badis 	
146	Ypr196w		Ypr196w_badis 	
147	Yrm1		Yrm1_badis 	
148	Yrr1	Yrr1_macisaac (reverse complement) 	Yrr1_zhu 	
149	Zap1	Zap1_macisaac 	Zap1_murphy 	Zap1_secondary_murphy
150	Zms1		Zms1_badis 	