Table S4. Relative binding affinities of promoters for TBP and TFBc

Gene	Promoter sequence (BRE/TATA box)	BRE/TATA box score (bit)	Relative binding affinity[a]
MJ0842	AAAACTGGATATATATA	5.58	0.025
MJ0319	AACAATAATTTTAAATA	11.88	0.026
MJ1265	ATCAAAAAGCTTTAAAG	5.34	0.046
MJ0822	ATCGTAAGATTTATATA	14.53	0.050
MJ1534	AATAGAAAACTTAATTA	3.08	0.062
MJ1266	CTCGAAAAATTTAAATA	13.32	0.096
MJ0891	CGCAAAAAGAATATATT	7.19	0.105
MJ0746	ACCATTAATATTATATA	11.20	0.153
MJ1404	CTGTTAAACTTTAAATA	9.59	0.162
MJ0318	ATGATAAGATATTAATA	10.58	0.268
MJ1053	TACAAAAACTTTAAATA	12.80	0.280
MJ1054	AACGAAAATTATAAGTA	10.45	0.411
$tRNA^{Cys(}GCA)^{b}$	ACCATAAAATTTATATA	15.39	0.345
$tRNA^{Leu}(GAG)^{b}$	GGCGTAAGTTTTATATA	12.23	0.521
$tRNA^{Met}(CAT)^{b}$	GCCGAAAAGTATATATA	14.56	0.521
$tRNA^{Ser}(GCT)^{b}$	AACGAAAACTATATATA	15.30	0.563
$tRNA^{Val}(TAC)^{b}$	AGCATAAACTTTATATA	13.90	0.876
$tRNA^{Ser}(TGA)^{b}$	ACCGTAAAATTTATATA	15.79	0.890
$tRNA^{Arg}(TCT)^{b}$	AACGAAAAGTATATATA	14.98	1.010
$tRNA^{Thr}(TGT)^{b}$	ACCGAAAAGTTTATATA	16.11	1.070
$tRNA^{Ile}(GAT)^{b}$	ACCGAAAAGTATATATA	15.96	1.465
$tRNA^{Ala}(GGC)^{b}$	ATAGAAAAGTTTATATA	14.35	1.494
$tRNA^{Lys}(TTT)^{b}$	ACCGAAAAGTATATATA	15.96	1.591
$tRNA^{Ser}(GGA)^{b}$	ACCGAAAATAATATATA	13.48	1.673
$tRNA^{Phe}(GAA)^{b}$	ACCGAAAAGTTTATATA	16.11	1.679
$tRNA^{Val}(GAC)^{b}$	ACCGAAAAGTTTATATA	16.11	1.684
$tRNA^{Gly}(GCC)^{b}$	ACCGAAAAGTATTTATA	14.83	1.765
$tRNA^{Leu}(TAA)^{b}$	ACCGAAAAGTATATATA	15.96	2.964
$tRNA^{Val}(CAC)^{c}$	ACCATAAAAATTTTATA	11.69	0.064
$tRNA^{Arg}(GCG)^{c}$	AACAAAAACTAAAATTA	5.32	0.069
$tRNA^{Trp}(CCA)^{c}$	ACCGTAAAATTTATATA	15.79	0.512

[a]Data of the tRNA promoters from (1).
[b]Identified by the *in vitro* selection (2).
[c]Identified computationally (1).

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