

Table S4. Motif-discovery algorithms used in comparison

Algorithm	Website (http://)	Parameters	Ref.
FIRE-pro	tavazoielab.princeton.edu/FIRE-pro	k=2-5, g=0-2, N=50000	This paper
Motif-X	motif-x.med.harvard.edu	SGD yeast proteome	(Schwartz & Gygi, 2005)
TEIRESIAS	cbcsrv.watson.ibm.com/Tspd.html	Exact discovery	(Rigoutsos & Floratos, 1998)
DiLiMot	dilimot.embl.de	Removed: Smart, Pfam, Homology; <i>S. cerevisiae</i>	(Neduva et al., 2005)
SLiMFinder 4.1	bioware.ucd.ie/slimfinder.html	Upload sequence	(Edwards et al., 2006)

Note: Default parameters used unless otherwise noted.