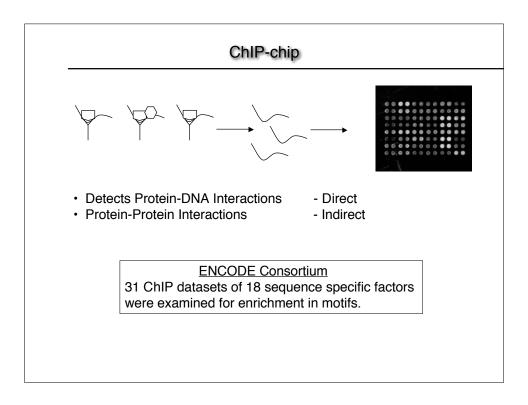


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repositories	COMPEL
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	GenBank
	MPromDE
	OM CProm
	TRRD

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	Rousem	
	<b>TRBD</b>	

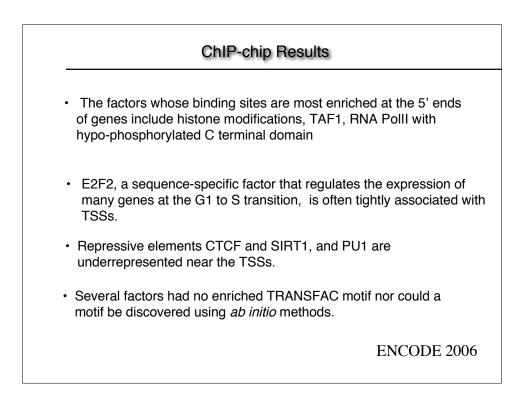
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	Buoprinten
	RootErinten
	Gibbs Motifi Sampler
	GLAM
	MITRA
	motiliSempler
	M SCAN
	Oligo/Dyad-analysis
	<u>oPOSSUM</u>
	Weeden Web
	YAMIF
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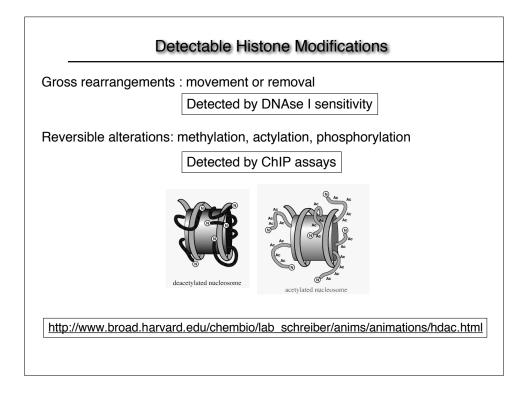
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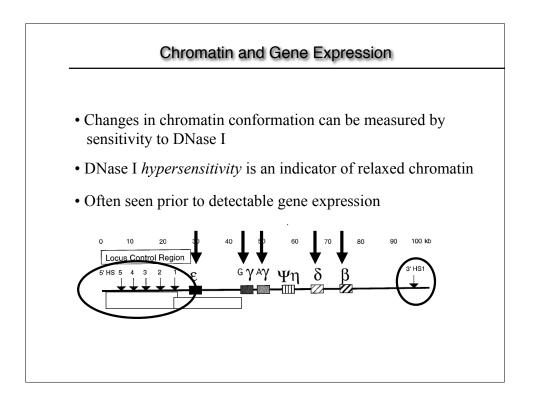


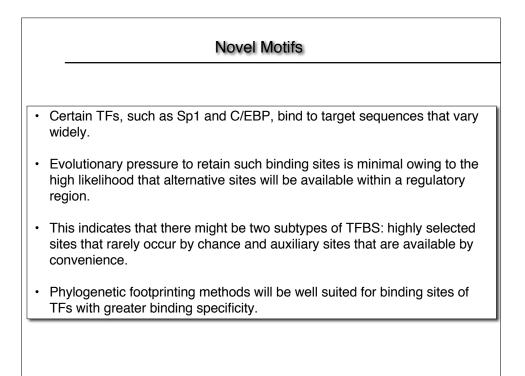
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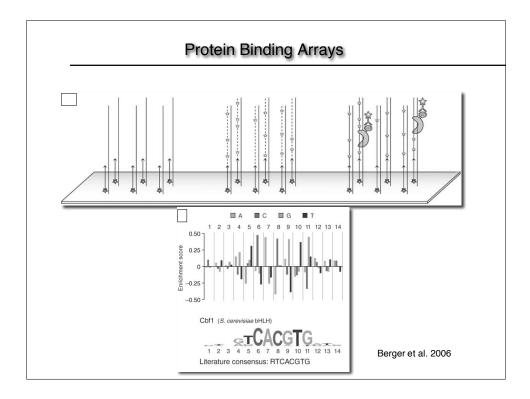
Resource	URI
ArrayExpress	www.ebi.ac.uk/arrayexpress
GALAXY2	www.bx.psu.edu
(C) F(O)	www.nebl.nhm.nffl.gov/geo
ENCODEdb	http://research.nhgril.min.gov//BNCCODB
Busembil	www.ensembl.org
UCSC	www.genome.ucsc.edu

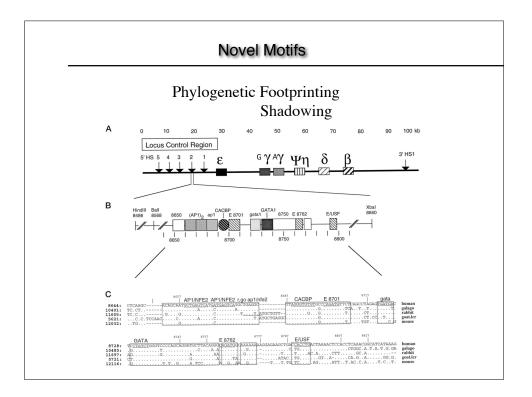


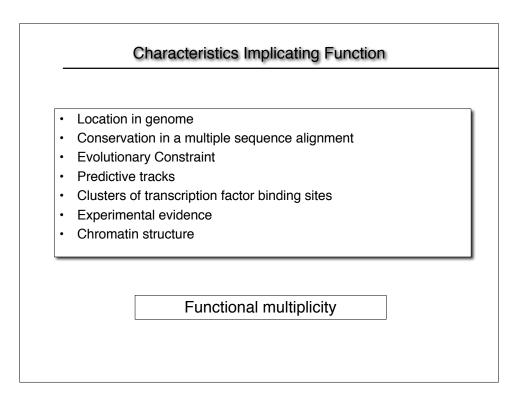


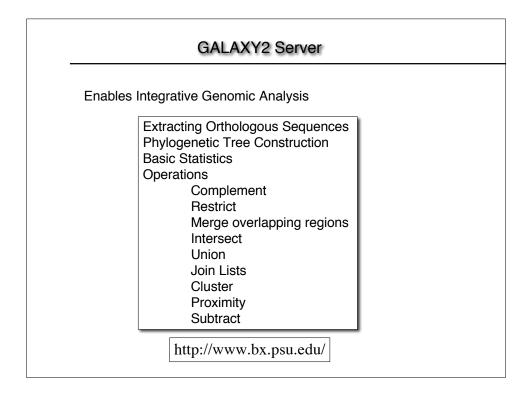


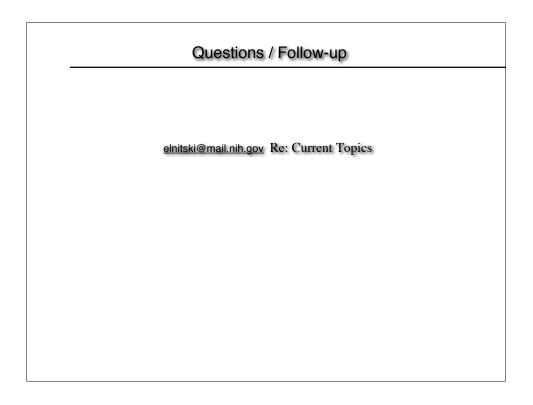












## **Supplementary Tables Table 1(A).** Web Servers for *in silico* predictions

	Servers for in silico predi	ctions
Service	Site	URL
Whole genome	GALA Browser	www.bx.psu.edu
binding site	UCSC Genome	genome.ucsc.edu
predictions	Browser	
	rVista	rvista.dcode.org
Position-weight	JASPAR	jaspar.cgb.ki.se
matrix	SELEXdb	wwwmgs.bionet.nsc.ru/mgs/systems/selex/
repositories	TRANFAC	www.gene-regulation.com
Experimental	CAGE Basic/Analysis	fantom3.gsc.riken.jp
data	Databases	
repositories	COMPEL	compel.bionet.nsc.ru/new/compel/compel.html
	EPD	www.epd.isb-sib.ch
	GenBank	www.ncbi.nlm.nih.gov
	MPromDb	bioinformatics.med.ohio-state.edu/MPromD
	OMGProm	bioinformatics.med.ohio-state.edu/OMGProm
	TRRD	wwwmgs.bionet.nsc.ru/mgs/gnw/trrd/
Pattern	AliBaba2	www.gene-regulation.com/pub/programs/alibaba2/index.html
matching	AlignACE	Atlas.med.harvard.edu
U	ANN-Spec	www.cbs.dtu.dk/services/DNAarray/ann-spec.php
	Bayesian Phylogenetic	bayesweb.wadsworth.org/cgi-bin/bayes_align12.pl
	Footprint	
	cisRED	www.cisred.org
	COnreal	conreal.niob.knaw.nl
	ConSite	mordor.cgb.ki.se/cgi-bin/CONSITE/consite
	CompelPatternSearch	compel.bionet.nsc.ru/FunSite/CompelPatternSearch.html
	DoOP	doop.abc.hu
	Dragon ERE Finder	sdmc.lit.org.sg/ERE-V2/index
	ECR browser	ecrbrowser.dcode.org
	Mapper	bio.chip.org/mapper
	MatInspector	www.genomatix.de/products/MatInspector
	MDscan -	ai.stanford.edu/~xsliu/MDscan/
	MotifViz	biowulf.bu.edu/MotifViz
	P-Match	www.gene-regulation.com/cgi-bin/pub/programs/pmatch/bin/p-
	1 Maten	match.cgi
	PROMO	www.lsi.upc.es/~alggen
	PromoterPlot	promoterplot.fmi.ch
	RSAT	rsat.ulb.ac.be/rsat/
	SeSiMCMC	favorov.hole.ru/gibbslfm
	SiteSeer	rocky.bms.umist.ac.uk/SiteSeer/
	TESS	www.cbil.upenn.edu/tess
	TFbind	tfbind.ims.u-tokyo.ac.jp
	TFSEARCH	www.cbrc.jp/research/db/TFSEARCH.html
		homes.esat.kuleuven.be/~saerts/software/toucan.php
	Toucan TRED	rulai.cshl.edu/TRED
	INED	Tutat.CSIII.CUU/TKED

Pattern	Consensus	bifrost.wustl.edu/consensus
discovery	Dcode.org	www.dcode.org
	Ensembl.org	www.ensembl.org
	Evoprinter	evoprinter.ninds.nih.gov
	FootPrinter	bio.cs.washington.edu/software.html
	Gibbs Motif Sampler	bayesweb.wadsworth.org/gibbs/gibbs.html
	GLAM	Zlab.bu.edu/glam
	MITRA	www1.cs.columbia.edu/compbio/mitra/
	motifSampler	www.esat.kuleuven.ac.be/~dna/Biol/Software.html
	MSCAN	mscan.cgb.ki.se/cgi-bin/MSCAN
	Oligo/Dyad-analysis	rsat.scmbb.ulb.ac.be/rsat/
	oPOSSUM	www.cisreg.ca
	Weeder Web	www.pesolelab.it/
	YMF	bio.cs.washington.edu/software.html
	Target Explorer	trantor.bioc.columbia.edu/Target_Explorer
Cluster	Cluster Buster	zlab.bu.edu/cluster-buster
detection	CRÈME	creme.dcode.org
	Improbizer	www.cse.ucsc.edu/~kent/improbizer/improbizer.html
	ModuleSearcher	homes.esat.kuleuven.be/~saerts/software/modulesearcher.html
	MEME	meme.sdsc.edu/meme/
	Over-represented	www.bioinfo.tsinghua.edu.cn/%7Ezhengjsh/OTFBS/index.htm
	Transcription Factor	
	<b>Binding Site Prediction</b>	
	Tool (OTFBS)	
	TraFaC	trafac.cchmc.org/trafac/index.jsp
	TFBind	tfbind.ims.u-tokyo.ac.jp
	TRANSCompel	www.gene-regulation.com/pub/databases.html#transcompel
ChIP-chip	Chip-chip antibodies	www.chiponchip.org/antibody.html
	Chip-chip protocols	genomecenter.ucdavis.edu/farnham/farnham/protocol.html
	MPEAK	www.stat.ucla.edu/~zmdl/mpeak/
	PeakFinder	research.stowers-institute.org/jeg/2004/cohesin/peakfinder
Transcripton	ooTFD	www.ifti.org/ootfd
factor		
information		
PWM	T-Reg Comparator	treg.molgen.mpg.de
comparisons		

Table 1(B). Web Servers for *in silico* predictions

\* Note – tools or servers may belong to more than category in the table. Additional tools are frequently provided at each site. Web sites may occasionally be down due to server errors or discontinued altogether.

Assay	Reference (Chapter)		
	Molecular Cloning (Sambrook	Current Protocols in Mol.	
	and Russell 2001)	Biol. (Ausubel et al. 2005)	
DNase I Hypersensitivity	17.18	21	
EMSA	17.13	12	
DNase I Protection	17.4	21	
ChIP*	N/A	21	
Transfection	16	9	

 Table 2. Resources for Experimental protocols

\*Note: Additional information is available in (Allis and Wu, 2003).

**Table 3.** Web servers and repositories for publicly available high-throughput ChIP-chip binding data

Resource	URL
ArrayExpress	www.ebi.ac.uk/arrayexpress
GALAXY2	www.bx.psu.edu
GEO	www.ncbi.nlm.nih.gov/geo
ENCODEdb	http://research.nhgri.nih.gov/ENCODEdb
Ensembl	www.ensembl.org
UCSC	www.genome.ucsc.edu

Allis C.D. and C. Wu. 2003. *Chromatin and Chromatin Remodeling Enzymes, Part B.* Methods in Enzymology. Elsevier Inc.

Ausubel, F.M., Brent, R., Kingston, R.E., Moore, D.D., Seidman, J.G., Smith, K.A., Struhl, K. 2005. *Current Protocols In Molecular Biology*. John Wiley & Sons, Inc.

Sambrook, J. and Russell, D.W. 2001. *Molecular Cloning: A Laboratory Manual (3-Volume Set)*. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York.