

Supplementary Table 1. ChIP-seq, RNA-seq, GRO-seq, ChIA-PET and microarray data sets analysed and respective references

Organism (cell type)	Data Type	IP sample (ChIP-seq)	Reference (or GEO /SRA ID)
Mouse Embryonic Stem Cells	ChIP-seq	H3K4me3, H3K79me2, whole-cell extract	¹ GSE8024
		RNAP II (total, Ser5P and Ser2P); Flavopiridol treatment; WHSC2 TBP	² GSE20485 GSE22303
	RNA-seq		³ GSE20851
	GRO-seq		⁴ GSE27037
Human CD4+ T cells	ChIP-seq	RNAP II total	⁵ SRA000206
		RNAP II unphosphorylated, RNAP II Ser5P and Nucleosomes	⁶ SRA000234
		Chromatin modifications	^{5,7} SRA000206, SRA000287
	Microarray		⁶ GSE10437
Mouse CD4+/CD8+ T cells	ChIP-seq	RNAP II total, Ser2P, Ser5P	⁸ GSE29362
	RNA-seq		⁸ GSE29362
Human MCF7 cell line	ChIP-seq	RNAP II total	⁹ GSE14664
	GRO-seq		¹⁰ GSE27463
	ChIA-PET		¹² GSE33664
	Microarray		¹¹ GSE18912
Human K562 cell line	ChIA-PET		¹² GSE33664
	Microarray		¹³ GSE14083

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