

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Genes predicted to be TFs

File Name: Supplementary Data 2

Description: TF ChIP-Seq Stats

File Name: Supplementary Data 3

Description: Model Weight Matrices and Corresponding PFMs

File Name: Supplementary Data 4

Description: ChIP-Seq Artifacts

File Name: Supplementary Data 5

Description: Primers Used. Includes primers used in Library-ChIP for cloning and generation of NGS libraries as well as primers used in generation of tagged-TF strains.

File Name: Supplementary Data 6

Description: Oligos Used in Library-ChIP. Sequences were ordered as ssDNA and converted to dsDNA via primer extension for cloning into pAMD and use in Library-ChIP.

File Name: Supplementary Data 7

Description: Oligos Used in BLI. A biotinylated forward-strand oligo and corresponding reverse oligo were annealed and used in BLI.

File Name: Supplementary Data 8

Description: TF-DNA Pairs Tested in BLI. Table lists the DNA sequences TFs were tested against and the fit K_D and binding energy of each pair.

File Name: Supplementary Data 9

Description: GEO Accession Numbers for GEODataSeries GSE268698