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Articles selected by Faculty *of* **1000**: a TATA-box binding protein survey; *Arabidopsis* enzyme-activity profiling; *cis*-regulatory systems in Ascomycetes; *Candida* comparative genomics; a functional genomics pipeline

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Summary

A selection of evaluations from Faculty *of* **1000** covering a TATA-box binding protein survey; *Arabidopsis* enzyme-activity profiling; *cis*-regulatory systems in Ascomycetes; *Candida* comparative genomics; a functional genomics pipeline.

A TATA-box binding protein survey

Global role of TATA box-binding protein recruitment to promoters in mediating gene expression profiles. Kim J, Iyer VR. *Mol Cell Biol* 2004, **24:**8104-8112.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2004-6-1-305.asp#Kim

Arabidopsis enzyme-activity profiling

A robot-based platform to measure multiple enzyme activities in *Arabidopsis* using a set of cycling assays: comparison of changes of enzyme activities and transcript levels during diurnal cycles and in prolonged darkness. Gibon Y, Blaesing OE, Hannemann J, Carillo P, Höhne M, Hendriks JH, Palacios N, Cross J, Selbig J, Stitt M. *Plant Cell* 2004, November 17.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2004-6-1-305.asp#Gibon

Cis-regulatory systems in Ascomycetes

Conservation and evolution of *cis* -regulatory systems in Ascomycete fungi. Gasch AP, Moses AM, Chiang DY, Fraser HB, Berardini M, Eisen MB. *PLoS Biol* 2004, **2:**e398.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2004-6-1-305.asp#Gasch

Candida comparative genomics

Comparative genomics using *Candida albicans* DNA microarrays reveals absence and divergence of virulence-associated genes in *Candida dubliniensis* . Moran G, Stokes C, Thewes S, Hube B, Coleman DC, Sullivan D. *Microbiology* 2004, **150:**3363-3382.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2004-6-1-305.asp#Moran

A functional genomics pipeline

From ORFeome to biology: a functional genomics pipeline. Wiemann S, Arlt D, Huber W, Wellenreuther R, Schleeger S, Mehrle A, Bechtel S, Sauermann M, Korf U, Pepperkok R, Sültmann H, Poustka A. *Genome Res* 2004, **14:**2136-2144.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2004-6-1-304.asp#Young