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Articles selected by Faculty of **1000**: transcriptional regulation in parasitic helminths; interspecies expression-profile comparison; rice microRNAs; mRNA localization to the yeast bud tip; compartmental localisation of *E. coli* proteins

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Summary

A selection of evaluations from Faculty of 1000 covering transcriptional regulation in parasitic helminths; interspecies expression-profile comparison; rice microRNAs; mRNA localization to the yeast bud tip; compartmental localisation of *E. coli* proteins

Transcriptional regulation in parasitic helminths

Biolistic transformation of *Schistosoma mansoni* with 5' flanking regions of two peptidase genes promotes tissue-specific expression. Wippersteg V, Sajid M, Walshe D, Khiem D, Salter JP, McKerrow JH, Grevelding CG, Caffrey CR. *Int J Parasitol* 2005, **35**:583-589.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-7-332.asp#Wippersteg>

Interspecies expression-profile comparison

Multi-species microarrays reveal the effect of sequence divergence on gene expression profiles. Gilad Y, Rifkin SA, Bertone P, Gerstein M, White KP. *Genome Res* 2005, **15**:674-680.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-7-332.asp#Gilad>

Rice microRNAs

Cloning and characterization of microRNAs from rice. Sunkar R, Girke T, Jain PK, Zhu JK. *Plant Cell* 2005, **17**:1397-1411.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-7-332.asp#Sunkar>

mRNA localization to the yeast bud tip

Identification of a conserved RNA motif essential for she2p recognition and mRNA localization to the yeast bud. Olivier C, Poirier G, Gendron P, Boisgontier A, Major F, Chartrand P. *Mol Cell Biol* 2005, **25**:4752-4766.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-7-332.asp#Olivier>

Compartmental localisation of *E. coli* proteins

Localization, annotation & comparison of the *Escherichia coli* K-12 proteome under two states of growth. Lopez-Campistrous A, Semchuk P, Burke L, Palmer-Stone T, Brokx SJ, Broderick G, Bottorff D, Bolch S, Weiner JH, Ellison MJ. *Mol Cell Proteomics* 2005, May 18.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-7-332.asp#Lopez-Campistrous>