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Articles selected by Faculty of **1000**: transcriptome of *Plasmodium falciparum*; species-specific proteomic signatures; predicting protein subcellular localization; *in vivo* expression profiling of *Borrelia burgdorferi*; cell fate during *Arabidopsis* embryogenesis

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## Transcriptome of *Plasmodium falciparum*

A selection of evaluations from Faculty of 1000 covering the transcriptome of *Plasmodium falciparum*, species- and phyla-specific proteomic signatures, predicting protein subcellular localization, *in vivo* expression profiling of *Borrelia burgdorferi* in the central nervous system of non-human primates, cell fate decisions during early embryonic patterning in *Arabidopsis*.

**The transcriptome of the intraerythrocytic developmental cycle of *Plasmodium falciparum*.** Bozdech Z, Llinás M, Pulliam BL, Wong ED, Zhu J, DeRisi JL. *PLoS Biol* 2003, **1**:E5.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2004-5-2-312.asp#Bozdech>

## Species-specific proteomic signatures

**Proteomic signatures: amino acid and oligopeptide compositions differentiate among phyla.** Pe'er I, Felder CE, Man O, Silman I, Sussman JL, Beckmann JS. *Proteins* 2004, **54**:20-40.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2004-5-2-312.asp#Peer>

## Predicting protein subcellular localization

**A new hybrid approach to predict subcellular localization of proteins by incorporating gene ontology.** Chou KC, Cai YD. *Biochem Biophys Res Commun* 2003, **311**:743-747.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2004-5-2-312.asp#Chou>

# *In vivo* expression profiling of *Borrelia burgdorferi*

***Borrelia burgdorferi* transcriptome in the central nervous system of non-human primates.**

Narasimhan S, Camaino MJ, Liang FT, Santiago F, Laskowski M, Philipp MT, Pachner AR, Radolf JD, Fikrig E. *Proc Natl Acad Sci U S A* 2003, **100**:15953-15958.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2004-5-2-312.asp#Narasimhan>

# Cell fate during *Arabidopsis* embryogenesis

**Expression dynamics of WOX genes mark cell fate decisions during early embryonic patterning in *Arabidopsis thaliana*.** Haecker A, Gross-Hardt R, Geiges B, Sarkar A, Breuninger H, Herrmann M, Laux T. *Development* 2004, Jan 7.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2004-5-2-312.asp#Haecker>