

PublisherInfo		
PublisherName	:	BioMed Central
PublisherLocation	:	London
PublisherImprintName	:	BioMed Central

Articles selected by Faculty of **1000**: phage receptor-binding proteins; genetic diversity in *Toxoplasma*; ribosome biogenesis and cell size; gene regulation by retrotransposons; manipulation of the cancer epigenome

ArticleInfo		
ArticleID	:	3501
ArticleDOI	:	10.1186/gb-2004-5-12-361
ArticleCitationID	:	361
ArticleSequenceNumber	:	19
ArticleCategory	:	Paper report
ArticleFirstPage	:	1
ArticleLastPage	:	3
ArticleHistory	:	RegistrationDate : 2004-11-18 OnlineDate : 2004-11-18

ArticleCopyright	:	BioMed Central Ltd2004
ArticleGrants	:	
ArticleContext	:	13059551212

## The Author(s)

### Summary

A selection of evaluations from Faculty of 1000 covering phage receptor-binding proteins; genetic diversity in *Toxoplasma*; ribosome biogenesis and cell size; gene regulation by retrotransposons; manipulation of the cancer epigenome.

## Phage receptor-binding proteins

**Identification of the receptor-binding protein in 936-species lactococcal bacteriophages.** Dupont K, Vogensen FK, Neve H, Bresciani J, Josephsen J. *Appl Environ Microbiol* 2004, **70**:5818-5824.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2004-5-12-361.asp#Dupont>

## Genetic diversity in *Toxoplasma*

**Genetic diversity, clonality and sexuality in *Toxoplasma gondii*.** Ajzenberg D, Bañuls AL, Su C, Dumètre A, Demar M, Carme B, Dardé ML. *Int J Parasitol* 2004, **34**:1185-1196.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2004-5-12-361.asp#Ajzenberg>

## Ribosome biogenesis and cell size

**A dynamic transcriptional network communicates growth potential to ribosome synthesis and critical cell size.** Jorgensen P, Rupes I, Sharom JR, Schneper L, Broach JR, Tyers M. *Genes Dev* 2004, **18**:2491-2505.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2004-5-12-361.asp#Jorgensen>

## Gene regulation by retrotransposons

**Retrotransposons regulate host genes in mouse oocytes and preimplantation embryos.** Peaston AE, Evsikov AV, Graber JH, de Vries WN, Holbrook AE, Solter D, Knowles BB. *Dev Cell* 2004, **7**:597-606.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2004-5-12-361.asp#Peaston>

## Manipulation of the cancer epigenome

**Distinct effects on gene expression of chemical and genetic manipulation of the cancer epigenome revealed by a multimodality approach.** Gius D, Cui H, Bradbury CM, Cook J, Smart DK, Zhao S, Young L, Brandenburg SA, Hu Y, Bisht KS, *et al.* *Cancer Cell* 2004, **6**:361-371.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2004-5-12-361.asp#Gius>