

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

130591474-760XGenome BiologyGenome BiolLife SciencesAnimal Genetics and GenomicsHuman GeneticsPlant Genetics & GenomicsMicrobial Genetics and GenomicsBioinformaticsEvolutionary BiologyBiomedical and Life Sciences6613121219

CoverDate : 2005-12-

The Author(s)2005

**Articles selected by Faculty of 1000 Biology: genetically identical SNPs; detailed histone modification mapping; plant gene-expression diversity; photosynthesis gene evolution;  $\epsilon$ -Proteobacteria diversity.**

ArticleInfo		
ArticleID	:	3524
ArticleDOI	:	10.1186/gb-2005-6-12-362
ArticleCitationID	:	362
ArticleSequenceNumber	:	18
ArticleCategory	:	Paper report
ArticleFirstPage	:	1
ArticleLastPage	:	3
ArticleHistory	:	RegistrationDate : 2005-11-21 OnlineDate : 2005-11-21

ArticleCopyright	:	BioMed Central Ltd2005
ArticleGrants	:	
ArticleContext	:	13059661212

## The Author(s)

### Summary

A selection of evaluations from Faculty of 1000 Biology Genetically identical SNPs; detailed histone modification mapping; plant gene-expression diversity; photosynthesis gene evolution;  $\epsilon$ -Proteobacteria diversity.

## Genetically identical SNPs

**Genetically indistinguishable SNPs and their influence on inferring the location of disease-associated variants.** Lawrence R, Evans DM, Morris AP, Ke X, Hunt S, Paolucci M, Ragoussis J, Deloukas P, Bentley D, Cardon LR. *Genome Res* 2005, **15**:1503-1510.

For the Faculty of 1000 Biology evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-12-362.asp#Lawrence>

## Detailed histone modification mapping

**Single-nucleosome mapping of histone modifications in *S. cerevisiae*.** Liu CL, Kaplan T, Kim M, Buratowski S, Schreiber SL, Friedman N, Rando OJ. *PLoS Biol* 2005, **3**:e328.

For the Faculty of 1000 Biology evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-12-362.asp#Liu>

## Plant gene-expression diversity

**Genomic survey of gene expression diversity in *Arabidopsis thaliana*.** Kliebenstein DJ, West MA, van Leeuwen H, Kim K, Doerge RW, Michelmore RW, St Clair DA. *Genetics* 2005, October 3.

For the Faculty of 1000 Biology evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-12-362.asp#Kliebenstein>

## Photosynthesis gene evolutione

**Potential photosynthesis gene recombination between *Prochlorococcus* and *Synechococcus* via viral intermediates.** Zeidner G, Bielawski JP, Shmoish M, Scanlan DJ, Sabehi G, Béjà O. *Environ Microbiol* 2005, **7**:1505-1513.

For the Faculty of 1000 Biology evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-12-362.asp#Zeidner>

## $\epsilon$ -Proteobacteria diversity

**Distribution, phylogenetic diversity and physiological characteristics of  $\epsilon$ -Proteobacteria in a deep-sea hydrothermal field.** Nakagawa S, Takai K, Inagaki F, Hirayama H, Nunoura T, Horikoshi K, Sako Y. *Environ Microbiol* 2005, **7**:1619-1632.

For the Faculty of 1000 Biology evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-12-362.asp#Nakagawa>