

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

Articles selected by Faculty of **1000**: proteomics of macromolecular complexes; verification of microarray data; chromosome 22 transcript map; arraying maize tissue-specific genes; profiling plant defense responses

| ArticleInfo | | |
|-----------------------|---|--|
| ArticleID | : | 3461 |
| ArticleDOI | : | 10.1186/gb-2003-4-4-316 |
| ArticleCitationID | : | 316 |
| ArticleSequenceNumber | : | 16 |
| ArticleCategory | : | Paper report |
| ArticleFirstPage | : | 1 |
| ArticleLastPage | : | 3 |
| ArticleHistory | : | RegistrationDate : 2003-3-21 OnlineDate : 2003-3-21 |

| | | |
|------------------|---|------------------------|
| ArticleCopyright | : | BioMed Central Ltd2003 |
| ArticleGrants | : | |
| ArticleContext | : | 130594444 |

The Author(s)

Summary

A selection of evaluations from Faculty of 1000 covering the proteomics of macromolecular complexes, verification of microarray data, a transcript map of chromosome 22, arraying maize tissue-specific genes and profiling plant defense responses.

Proteomics of macromolecular complexes

The study of macromolecular complexes by quantitative proteomics. Ranish JA, Yi EC, Leslie DM, Purvine SO, Goodlett DR, Eng J, Aebersold R. *Nat Genet* 2003, **33**:349-355

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-4-316.asp#Ranish>

Verification of microarray data

Identifying differentially expressed genes using false discovery rate controlling procedures. Reiner A, Yekutieli D, Benjamini Y. *Bioinformatics* 2003, **19**:368-375.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-4-316.asp#Reiner>

Chromosome 22 transcript map

The transcriptional activity of human Chromosome 22. Rinn JL, Euskirchen G, Bertone P, Martone R, Luscombe NM, Hartman S, Harrison PM, Nelson FK, Miller P, Gerstein M, *et al.* *Genes Dev* 2003, **17**:529-540.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-4-316.asp#Rinn>

Arraying maize tissue-specific genes

Laser-capture microdissection, a tool for the global analysis of gene expression in specific plant cell types: identification of genes expressed differentially in epidermal cells or vascular tissues of maize. Nakazono M, Qiu F, Borsuk LA, Schnable PS. *Plant Cell* 2003, **15**:583-596.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-4-316.asp#Nakazono>

Profiling plant defense responses

Expression profiling of the host response to bacterial infection: the transition from basal to induced defence responses in RPM1-mediated resistance. Torres Md M, Sanchez P, Fernandez-Delmond I, Grant MG. *Plant J* 2003 **33**:665-676.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-4-316.asp#Torres>