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# Articles selected by Faculty *of* **1000**: linkage disequilibrium across the human genome; identifying low abundance proteins; bacterial phylogenetics; *trans*-acting regulatory variation in yeast; promoter detection in *Arabidopsis*

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## Summary

A selection of evaluations from Faculty *of* **1000** covering the distribution of linkage disequilibrium across the human genome, identifying low abundance and membrane proteins, bacterial phylogenetics, *trans*-acting regulatory variation in yeast and promoter detection in *Arabidopsis*.


# Linkage disequilibrium across the human genome

**Linkage disequilibrium and inference of ancestral recombination in 538 single-nucleotide polymorphism clusters across the human genome.** Clark AG, Nielsen R, Signorovitch J, Matise TC, Glanowski S, Heil J, Winn-Deen ES, Holden AL, Lai E. *Am J Hum Genet* 2003, **73:**285-300.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2003-4-9-339.asp#Clark

# Identifying low abundance proteins

**Unseen proteome: mining below the tip of the iceberg to find low abundance and membrane proteins.** Pedersen SK, Harry JL, Sebastian L, Baker J, Traini MD, McCarthy JT, Manoharan A, Wilkins MR, Gooley AA, Righetti PG, *et al. J Proteome Res* 2003, **2:**303-311.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2003-4-9-339.asp#Pedersen

# Bacterial phylogenetics

**Phylogenetics and the cohesion of bacterial genomes.** Daubin V, Moran NA, Ochman H. *Science* 2003, **301:**829-832.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2003-4-9-339.asp#Daubin

# *Trans*-acting regulatory variation in yeast

***Trans* -acting regulatory variation in Saccharomyces cerevisiae and the role of transcription factors.** Yvert G, Brem RB, Whittle J, Akey JM, Foss E, Smith EN, Mackelprang R, Kruglyak L. *Nat Genet* 2003, Aug 3.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2003-4-9-339.asp#Yvert

# Promoter detection in *Arabidopsis*

**Computational approaches to identify promoters and *cis* -regulatory elements in plant genomes.** Rombauts S, Florquin K, Lescot M, Marchal K, Rouzé P, van de Peer Y. *Plant Physiol* 2003, **132:**1162-1176.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2003-4-9-339.asp#Rombauts