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

Articles selected by Faculty *of* **1000**: chemical modification analysis of siRNAs; allele-specific variation in gene expression; gut parasite comparative genomics; functional promoter variants; microRNA finction in leaf development

ArticleInfo		
ArticleID	:	3474
ArticleDOI	:	10.1186/gb-2003-4-11-348
ArticleCitationID	:	348
ArticleSequenceNumber	:	18
ArticleCategory	:	Paper report
ArticleFirstPage	:	1
ArticleLastPage	:	3
ArticleHistory	:	RegistrationDate : 2003–10–9 OnlineDate : 2003–10–9

Summary

A selection of evaluations from Faculty *of* **1000** covering a chemical modification analysis of siRNAs; allele-specific variation in gene expression in the human genome; gut parasite comparative genomics; functional promoter variants; microRNA finction in leaf development.

Chemical modification analysis of siRNAs

siRNA function in RNAi: A chemical modification analysis. Chiu YL, Rana TM. *RNA* 2003, **9:**1034-1048

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2003-4-11-348.asp#Chiu

Allele-specific variation in gene expression

Allelic variation in gene expression is common in the human genome. Lo HS, Wang Z, Hu Y, Yang HH, Gere S, Buetow KH, Lee MP. *Genome Res* 2003, **13:**1855-1862.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2003-4-11-348.asp#Lo

Gut parasite comparative genomics

Gene discovery in the *Entamoeba invadens* genome. Wang Z, Samuelson J, Clark CG, Eichinger D, Paul J, Van Dellen K, Hall N, Anderson I, Loftus B. *Mol Biochem Parasitol* 2003, **129:**23-31.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2003-4-11-348.asp#Wang

Functional promoter variants

Functional analysis of human promoter polymorphisms. Hoogendoorn B, Coleman SL, Guy CA, Smith K, Bowen T, Buckland PR, O'Donovan MC. *Hum Mol Genet* 2003, **12:**2249-2254.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2003-4-11-348.asp#Hoogendoorn

MicroRNA finction in leaf development

Control of leaf morphogenesis by microRNAs. Palatnik JF, Allen E, Wu X, Schommer C, Schwab R, Carrington JC, Weigel D. *Nature* 2003, **425:**257-263.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2003-4-11-348.asp#Palatnik