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

Articles selected by Faculty *of* **1000**: enhancer evolution in flies; modeling nuclear import; cell-cycle kinase substrates; transgenic plants change little; early embryo epigenetics

ArticleInfo		
ArticleID	:	3511
ArticleDOI	:	10.1186/gb-2005-6-5-323
ArticleCitationID	:	323
ArticleSequenceNumber	:	18
ArticleCategory	:	Paper report
ArticleFirstPage	:	1
ArticleLastPage	:	3
ArticleHistory	:	RegistrationDate : 2005–4–22 OnlineDate : 2005–4–22
ArticleCopyright	:	BioMed Central Ltd2005

ArticleGrants	:	
ArticleContext	:	130596655

Enhancer evolution in flies

A selection of evaluations from Faculty *of* **1000** covering enhancer evolution in flies; modeling nuclear import; cell-cycle kinase substrates; transgenic plants change little; early embryo epigenetics.

Functional evolution of a *cis* -regulatory module. Ludwig MZ, Palsson A, Alekseeva E, Bergman CM, Nathan J, Kreitman M. *PLoS Biol* 2005, **3:**e93.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2005-6-5-323.asp#Ludwig

Modeling nuclear import

A systems analysis of importin-{alpha}-{beta} mediated nuclear protein import. Riddick G, Macara IG. *J Cell Biol* 2005, **168:**1027-1038.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2005-6-5-323.asp#Riddick

Cell-cycle kinase substrate

Drosophila **genome-scale screen for PAN GU kinase substrates identifies Mat89Bb as a cell cycle regulator.** Lee LA, Lee E, Anderson MA, Vardy L, Tahinci E, Ali SM, Kashevsky H, Benasutti M, Kirschner MW, Orr-Weaver TL. *Dev Cell* 2005, **8:**435-442.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2005-6-5-323.asp#Lee

Transgenic plants change little

The stability of the *Arabidopsis* transcriptome in transgenic plants expressing the marker genes *nptII* and *uidA* . El Ouakfaoui S, Miki B. *Plant J* 2005, **41:**791-800.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2005-6-5-323.asp#El

Early embryo epigenetics

Dynamic chromatin modifications characterise the first cell cycle in mouse embryos. Santos F, Peters AH, Otte AP, Reik W, Dean W. *Dev Biol* 2005, **280:**225-236.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2005-6-5-323.asp#Santos