

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

Articles selected by Faculty of **1000** Biology: from an RNA to a DNA world; sex chromosome evolution; vertebrate whole-genome duplication; U5 snRNA variants in *Drosophila*; human influenza A virus variation

ArticleInfo		
ArticleID	:	3522
ArticleDOI	:	10.1186/gb-2005-6-11-356
ArticleCitationID	:	356
ArticleSequenceNumber	:	18
ArticleCategory	:	Paper report
ArticleFirstPage	:	1
ArticleLastPage	:	3
ArticleHistory	:	RegistrationDate : 2005-10-24 OnlineDate : 2005-10-24

ArticleCopyright	:	BioMed Central Ltd2005
ArticleGrants	:	
ArticleContext	:	13059661111

The Author(s)

Summary

A selection of evaluations from Faculty of **1000** Biology covering the transition from an RNA to a DNA world; sex chromosome evolution; vertebrate whole-genome duplication; U5 snRNA variants in *Drosophila*; human influenza A virus variation.

From an RNA to a DNA world

The two ages of the RNA world, and the transition to the DNA world: a story of viruses and cells. Forterre P. *Biochimie* 2005, **87**:793-803.

For the Faculty of 1000 Biology evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-11-356.asp#Forterre>

Sex chromosome evolution

Sex chromosome evolution: molecular aspects of Y-chromosome degeneration in *Drosophila*. Bachtrog D. *Genome Res* 2005, September 16.

For the Faculty of 1000 Biology evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-11-356.asp#Bachtrog>

Vertebrate whole-genome duplication

Two rounds of whole genome duplication in the ancestral vertebrate. Dehal P, Boore JL. *PLoS Biol* 2005 **3**:e314.

For the Faculty of 1000 Biology evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-11-356.asp#Dehal>

U5 snRNA variants in *Drosophila*

Identification and analysis of U5 snRNA variants in *Drosophila* . Chen L, Lullo DJ, Ma E, Celniker SE, Rio DC, Doudna JA. *RNA* 2005, **11**:1473-1477.

For the Faculty of 1000 Biology evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-11-356.asp#Chen>

Human influenza A virus variation

Whole-genome analysis of human influenza A virus reveals multiple persistent lineages and reassortment among recent H3N2 viruses. Holmes EC, Ghedin E, Miller N, Taylor J, Bao Y, St George K, Grenfell BT, Salzberg SL, Fraser CM, Lipman DJ, Taubenberger JK. *PLoS Biol* 2005, **3**:e300.

For the Faculty of 1000 Biology evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-11-356.asp#Holmes>