



Biology for the post-genomic era

Genome Biology publishes research articles, new methods and software tools, in addition to reviews and opinions, from the full spectrum of biology, including molecular, cellular, organism or population biology studied from a genomic perspective, as well as sequence analysis, bioinformatics, proteomics, comparative biology and evolution.

Editor

Clare Garvey, PhD

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Epigenomics
special issue: research
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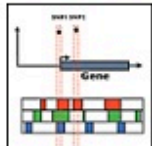
Articles

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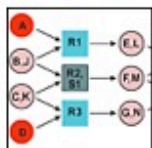
Crocodilian genome sequencing

An Open Letter describing the project to sequence the genomes of the saltwater crocodile, the American alligator and the Indian gharial
Genome Biology 2012, **13**:415



Regulatory element eQTLs

An analysis of eQTLs located in regulatory elements in the human genome
Genome Biology 2012, **13**:R7



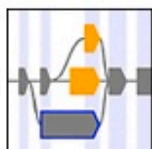
MetaMerge

An algorithm that reconciles metabolic network reconstructions into a single model
Genome Biology 2012, **13**:R6



Uberon multi-species ontology

A description of the Uberon ontology tool that allows comparisons of genomic information across multiple animal phyla
Genome Biology 2012, **13**:R5



SpliceGrapher

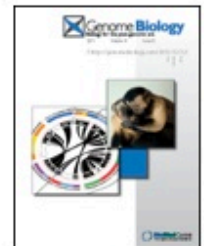
A tool that uses a priori information to optimize alternative splicing prediction from RNA-seq data
Genome Biology 2012, **13**:R4

RTK mosaic amplification

Latest issue

The complete issue of **Genome Biology** Volume 12 Issue 12 is now available.

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Genome Biology podcast



To coincide with September's special issue, we talk with Jim Lupski, Jay Shendure, Elaine Mardis and Joris Veltman about the challenges of identifying

disease genes using exome sequencing and whole genome sequencing.

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