

## Introns

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### Recent Publications on Introns:

- [Ubiquitous internal gene duplication and intron creation in eukaryotes.](#)  
*Duplication of genomic segments provides a primary resource for the origin...* 21st November, 2009  
Department of Biology, Indiana University, 1001 East Third Street,- Proc Natl Acad Sci U S A. 2009 Nov 19. ([DOI Direct Link](#))
- [The Lanius excubitor \(Aves, Passeriformes\) conundrum - taxonomic dilemma when molecular and non-molecular data tell different stories.](#)  
*The phylogeny of 18 taxa in the Lanius excubitor complex, and the related...* 21st November, 2009  
Systematics and Biodiversity, Goteborg University, Department of Zoology,- Mol Phylogenet Evol. 2009 Nov 16. ([DOI Direct Link](#))
- [Large intragenic deletions of the NF2 gene: Breakpoints and associated phenotypes.](#)  
*In this study, the breakpoints of six large intragenic deletions in the...* 20th November, 2009  
Institute of Human Genetics, University Medical Center Hamburg-Eppendorf,- Genes Chromosomes Cancer. 2009 Nov 18. ([DOI Direct Link](#))
- [The Peculiarities of Large Intron Splicing in Animals.](#)  
*In mammals a considerable 92% of genes contain introns, with hundreds and...* 20th November, 2009  
Department of Medicine, University of Toledo, Toledo, Ohio, United States- PLoS One. 2009 Nov 16;4(11):e7853. ([DOI Direct Link](#))
- [A novel porcine gene, MAPKAPK3, is differentially expressed in the pituitary gland from mini-type Diannan small-ear pigs and large-type Diannan small-ear pigs.](#)  
*The mRNA differential display technique was performed to investigate the...* 19th November, 2009  
College of Animal Sciences and Technology, Yunnan Agricultural University,- Mol Biol Rep. 2009 Nov 18. ([DOI Direct Link](#))
- [PROTEIN L: -ISOASPARTYL METHYLTRANSFERASE1 \(CaPIMT1\) from chickpea mitigates oxidative stress-induced growth inhibition of Escherichia coli.](#)  
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National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New- Planta. 2009 Nov 17. ([DOI Direct Link](#))
- [Extensive mis-splicing of a bi-partite plant mitochondrial group II intron.](#)  
*Expression of the seed plant mitochondrial nad5 gene involves two...* 19th November, 2009  
Department of Biology, McGill University, Montreal, Quebec H3A 1B1,- Nucleic Acids Res. 2009 Nov 17. ([DOI Direct Link](#))
- [The pathobiology of splicing.](#)

- Ninety-four percent of human genes are discontinuous, such that segments...* 18th November, 2009  
 Departments of Molecular and Cellular Biology and Pathology, Baylor- J Pathol. 2009 Nov 13. ([DOI Direct Link](#))
- [Relationship between Gene Compactness and Base Composition in Rice and Human Genome.](#)  
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  - [Homing endonucleases: from basics to therapeutic applications.](#)  
*Homing endonucleases (HE) are double-stranded DNAses that target large...* 17th November, 2009  
 Macromolecular Crystallography Group, Structural Biology and Biocomputing- Cell Mol Life Sci. 2009 Nov 15. ([DOI Direct Link](#))
  - [Mutational spectrum of Phenylketonuria in the Chinese Han population: A novel insight into the geographic distribution of the common mutations.](#)  
*The absence of a comprehensive analysis for Phenylketonuria (PKU)...* 17th November, 2009  
 Department of Endocrinology and Genetic Metabolism [T.Z., J.Y., W.Q.,- Pediatr Res. 2009 Nov 12. ([DOI Direct Link](#))
  - [Characterization of the novel antifungal protein PgAFP and the encoding gene of Penicillium chrysogenum.](#)  
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  - [Protein roles in group I intron RNA folding: The tyrosyl-tRNA synthetase CYT-18 stabilizes the native state relative to a long-lived misfolded structure without compromising folding kinetics.](#)  
*The Neurospora crassa CYT-18 protein is a mitochondrial tyrosyl-tRNA...* 17th November, 2009  
 Department of Chemistry and Biochemistry, Institute for Cellular and- J Mol Biol. 2009 Nov 10. ([DOI Direct Link](#))
  - [The pivotal roles of TIA proteins in 5' splice-site selection of alu exons and across evolution.](#)  
*More than 5% of alternatively spliced internal exons in the human genome...* 17th November, 2009  
 Department of Human Molecular Genetics and Biochemistry, Sackler Faculty- PLoS Genet. 2009 Nov;5(11):e1000717. Epub 2009 Nov 13. ([DOI Direct Link](#))
  - [Processing of multiple-intron-containing pretRNA.](#)  
*Computational studies predict the simultaneous presence of two and even...* 17th November, 2009  
 Istituto di Biologia Cellulare, Consiglio Nazionale delle Ricerche, Campus- Proc Natl Acad Sci U S A. 2009 Nov 12. ([DOI Direct Link](#))

## BioNews Results for Introns

- [The Economics Of Gene Testing Cattle](#)  
*CattleNetwork.com: Oct 12 2009 8:05PM Matching: introns*

## Introns Patents:



- [7612192- Neisseria genomic sequences and methods of their use](#)
- [7615529- Methods and compositions for modulating hyperstabilized c-met](#)
- [7615610- Modified trafficking patterns for arrestin and G-protein-coupled receptors via arrestin-ubiquitin chimera](#)
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- [7615680- Temporal seed promoters for expressing genes in plants](#)
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