

SPARC Japan Seminar

研究者によるオープンアクセス雑誌の たちあげを!

斎藤 成也

国立遺伝学研究所

総合研究大学院大学生命科学研究科遺伝学専攻
東京大学大学院理学系研究科生物科学専攻

科学紀元11年10月28日

ベルサール九段

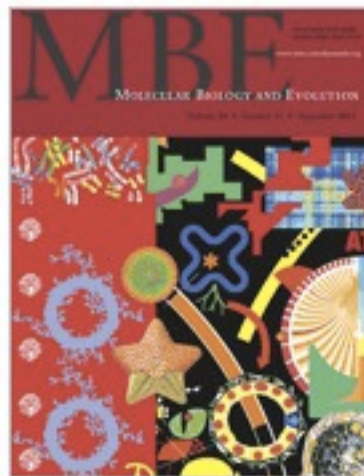
自己紹介

- 1979年 東京大学理学部生物学科人類学課程卒業
- 1979年～1982年 理学部二号館内の回覧誌 Journal of Second Houseを立ち上げ運営
- 1980～1982年 7名を中心とする土曜会を組織・運営
- 1981年 東京大学大学院理学系研究科人類学専攻修士課程 修了
- 1982～1986年 米国テキサス大学ヒューストン校GSBS留学 (Ph.D.)
- 1983～1986年 フルブライトプログラム同期のニューズレターを発行
- 1987～1989年 日本学術振興会PD
- 1989～1991年 東京大学理学部生物学科人類学教室 助手
- **1989年 進化学研究会を発足；SHINKAの発行**
- 1991年～2002年 国立遺伝学研究所 進化遺伝研究部門 助教授
- 1991～2009年 日本DNAデータベースの運営に参加
- **1996年～現在 *Molecular Biology and Evolution* associate editor**
- **1997年～2000年 *Anthropological Science* 編集長**
- 2002年～ 国立遺伝学研究所 集団遺伝研究部門 教授（現職）
- 2005年～現在 日本学術会議 会員
- 2008年 郷里の福井市で足羽三山文化協議会を発足
- **2009年～現在 *Molecular Phylogenetics and Evolution* associate editor**
- **2009年～現在 *Human Biology* editorial board member**
- 2010～2011年 日本進化学会 会長
- 2010年 Neighbor-Joining Method (Saitou & Nei 1987)の引用件数が2万を超える

MOLECULAR BIOLOGY AND EVOLUTION

[ABOUT THIS JOURNAL](#)[CONTACT THIS JOURNAL](#)[SUBSCRIPTIONS](#)[CURRENT ISSUE](#)[ARCHIVE](#)[SEARCH](#)[Oxford Journals](#) > [Life Sciences](#) & [Mathematics & Physical Sciences](#) & [Medicine](#) > Molecular Biology and Evolution

READ THIS JOURNAL

[View Current Issue \(Volume 28 Issue 11 November 2011\)](#)[Advance Access](#)[Browse the Archive](#)

Molecular Biology and Evolution publishes research at the interface between molecular and evolutionary biology. The journal publishes investigations of molecular evolutionary patterns and processes, tests of evolutionary hypotheses that use molecular data, and studies that use molecular evolutionary information to address questions about biological function at all levels of organization.

LATEST ARTICLES

[The Dynamics and Evolutionary Potential of Domain Loss and Emergence](#)

Moore, A. D., Bornberg-Bauer, E.

[Dynamic Gene Copy Number Variation in Collinear Regions of Grass Genomes](#)

Xu, J.-H., Bennetzen, J. L., Messing, J.

[Likelihood-based inferences under isolation by distance: two-dimensional habitats and confidence intervals](#)

Rousset, F., Leblois, R.

[Population genomics in Bacteria: A case study of *Staphylococcus aureus*](#)

Takuno, S., Kado, T., Sugino, R. P., Nakhleh, L., Innan, H.

[SPIn: model selection for phylogenetic mixtures via linear invariants](#)

Kedzierska, A. M., Drton, M., Guigo, R., Casanellas, M.

THE JOURNAL

- > [About this journal](#)
- > [Rights & Permissions](#)
- > [Dispatch date of the next issue](#)
- > [This journal is a member of the Committee on Publication Ethics \(COPE\)](#)
- > [We are mobile – find out more](#)

Published on behalf of



- > [Society for Molecular Biology and Evolution](#)

Impact factor: 5.510**5-Yr impact factor: 8.907****Editor-in-Chief****Marcy Uyenoyama**

- > [View full editorial board](#)

FOR AUTHORS

SEARCH THIS JOURNAL

GO

> [Advanced search](#)

NARUYA SAITOU

Division of Population Genetics
National Institute of Genetics
Mishima, 411-8540
JAPAN

Telephone: +81-559 81-6790

Fax: +81-559 81-6789

Online: <http://sayer.lab.nig.ac.jp/~saitou/>

Human/primate evolution; Phylogenetic and
sequence alignment methods; Selection vs
neutrality; Evidence of positive selection;
Evolutionary genome analysis

YOKO SATTA

Graduate Universit for Advanced Studies (SOKENDAI)
Hayama Center for Advanced Studies (HCAS)
Department of Biosystems Science
JAPAN

Telephone: +81-46-858-1574

Fax: +84-46-858-1544

Online: http://www.sendou.soken.ac.jp/esb/satta/index_e.html

Immunogenetics; Molecular population
genetics; Primate/human evolution

BETH SHAPIRO

Department of Biology
The Pennsylvania State University
326 Mueller Laboratory
University Park, PA 16802
USA

Telephone: +1-814-863-9178

Online: <http://www.bio.psu.edu/people/faculty/bshapiro/>

Molecular evolution and phylogenetics;
ancient DNA; demographic reconstruction;
virus evolution; genealogy-based population
genetics

NEELIMA SINHA

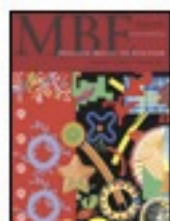
Plant Biology

[Oxford Journals](#) > [Life Sciences & Mathematics & Physical Sciences & Medicine](#) > [Molecular Biology and Evolution](#) > [Volume 28, Issue 11](#) > Pp. 3005-3007.

Oxford Journals: Committed to the environment

[click here to see our environmental policies](#)

This item requires a subscription* to Molecular Biology and Evolution.



Full Text (HTML)

Loss-of-Function Mutation in a Repressor Module of Human-Specifically Activated Enhancer HACNS1

Mol Biol Evol (2011) 28(11): 3005-3007 first published online September 22, 2011

To view this item, select one of the options below:

► Oxford Journals Subscribers and Registrants Sign In

If your subscription is through Oxford University Press, or you have signed up for personalization on this site, sign in below.

User Name

Sign In

Password

☐ Remember my user name & password.

[Forgot](#) your user name or password?

► [Can't get past this page?](#)

► [Help with Cookies.](#)

► [Need to Activate?](#)

► Purchase Short-Term Access

- **Pay per View** - If you would like to purchase short-term access you must have a personal account. Please sign in with your personal user name and password or [Register](#) to obtain a user name and password for free. You may access this article for 1 day for US\$32.00.

This Article

Mol Biol Evol (2011) 28 (11):
3005-3007.

doi: 10.1093/molbev/msr231

First published online: September
22, 2011

[Abstract](#)

» [Full Text \(HTML\)](#)

[Full Text \(PDF\)](#)

All Versions of this Article:

[msr231v1](#)

[msr231v2](#)

28/11/3005 **most recent**

- Classifications

[Letter](#)

- Services

[Alert me when cited](#)

[Alert me if corrected](#)

[Find similar articles](#)

[Similar articles in Web of Science](#)

[Similar articles in PubMed](#)

[Add to my archive](#)

[Download citation](#)

[Request Permissions](#)

+ Citing Articles

+ Google Scholar

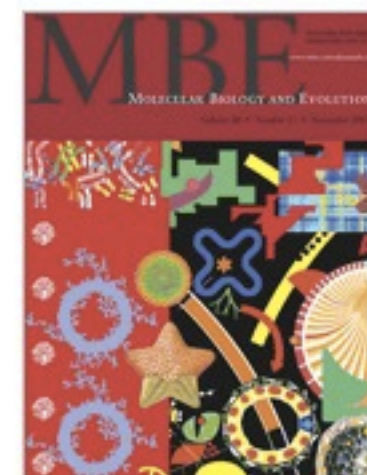
Search this journal:

GO

[Advanced »](#)

Current Issue

November 2011 28 (11)



[Alert me to new issues](#)

The Journal

[About this journal](#)

[Rights & Permissions](#)

[Dispatch date of the next issue](#)

[This journal is a member of the
Committee on Publication
Ethics \(COPE\)](#)

[We are mobile – find out more](#)

GENOME BIOLOGY AND EVOLUTION

[ABOUT THIS JOURNAL](#)
[CONTACT THIS JOURNAL](#)
[CURRENT ISSUE](#)
[ARCHIVE](#)
[SEARCH](#)

[Oxford Journals](#) > [Life Sciences](#) > Genome Biology and Evolution

READ THIS JOURNAL


[View Current Content](#)
[Advance Access](#)
[Browse the Archive](#)
[Cover Image Library](#)

Genome Biology and Evolution is a wholly open access journal that publishes evolutionary advances at the forefront of genomics.

GBE is included in the Web of Science, Science Citation Index, and PubMed

[Larger image and cover caption](#)

LATEST ARTICLES

[No excess gene movement is detected off the avian or lepidopteran Z chromosome](#)

Toups, M. A., Pease, J. B., Hahn, M. W.

[Systematic error in seed plant phylogenomics](#)

Zhong, B., Deusch, O., Goremykin, V. V., Penny, D., Biggs, P. J., Atherton, R. A., Nikiforova, S. V., Lockhart, P. J.

[The evolution of mammalian genomic imprinting was accompanied by the acquisition of novel CpG islands](#)

Suzuki, S., Shaw, G., Kaneko-Ishino, T., Ishino, F., Renfree, M. B.

[Time dependency of molecular evolutionary rates? Yes and No](#)

Subramanian, S., Lambert, D.

[CpG deamination creates transcription factor binding sites with high efficiency](#)

Zemojtel, T., Kielbasa, S. M., Arndt, P. F., Behrens, S., Bourque, G., Vingron, M.

THE JOURNAL

> [About the journal](#)

> [Rights & permissions](#)

> [We are mobile – find out more](#)



Impact factor: 2.674
5-Yr impact factor: 2.674

**Published on behalf of the
Society for Molecular
Biology and Evolution**



> [Society for Molecular Biology and Evolution](#)

Editor-in-Chief

William Martin

> [View full editorial board](#)

> [Advanced search](#)

GENOME BIOLOGY AND EVOLUTION

[ABOUT THIS JOURNAL](#) [CONTACT THIS JOURNAL](#)[CURRENT ISSUE](#) [ARCHIVE](#) [SEARCH](#)

[Oxford Journals](#) > [Life Sciences](#) > [Genome Biology and Evolution](#) > [Volume 3](#) > Pp. 1119-1135.

[Click here for more information](#)

Evolutionary Patterns of Recently Emerged Animal Duplogs



Kiyoshi Ezawa^{1,2,4}, Kazuho Ikeo^{2,3}, Takashi Gojobori^{2,3} and Naruya Saitou^{1,*}

[+](#) Author Affiliations

[↵](#) *Corresponding author: E-mail: saitounr@lab.nig.ac.jp.

Accepted July 19, 2011.

Abstract

Duplogs, or intraspecies paralogs, constitute the important portion of eukaryote genomes and serve as a major source of functional innovation. We conducted detailed analyses of recently emerged animal duplogs. Genome data of three vertebrate species (*Homo sapiens*, *Mus musculus*, and *Danio rerio*), *Caenorhabditis elegans*, and two *Drosophila* species (*Drosophila melanogaster*



Molecular Phylogenetics and Evolution

Molecular Phylogenetics and Evolution is dedicated to bringing Darwin's dream within grasp - to "have fairly true genealogical trees of each great kingdom of Nature." The journal provides a forum...

[View full aims and scope](#)

Editor-in-Chief: D.E. Wildman

[View full editorial board](#)

[Guide for Authors](#)

[Submit Your Paper](#)

[Track Your Paper](#)

[Order Journal](#)

[Access Full Text](#)



ADVERTISEMENT



Have you
seen the
Article
of the
Future?

Impact Factor:
3.889

5-Year Impact Factor:
4.394

Imprint: ELSEVIER

ISSN: 1055-7903

Stay up-to-date

Register your interests
and receive email
alerts tailored to your
needs

[Click here to sign up](#)

Recent Articles

ScienceDirect

**Molecular phylogeny of Pholadoidea
Lamarck, 1809 supports a single origin for
xylotrophy (wood feeding) and xylotrophic
bacterial endosymbiosis in Bivalvia**

Daniel L. Distel | Mehwish Amin | ...

**Phylogenomic analyses and improved
resolution of Cetartiodactyla**

Xuming Zhou | Shixia Xu | ...

**Molecular systematics of the Middle
American genus *Hypopachus* (Anura:
Microhylidae)**

Eli Greenbaum | Eric N. Smith | ...

[VIEW ALL](#)

Most Read Articles

ScienceDirect

**Diversification in the Andes: Age and origins
of South American *Heliotropium* lineages
(*Heliotropiaceae*, *Boraginales*)**

Federico Luebert | Hartmut H. Hilger | ...

**Phylogeny and character evolution in the
jelly fungi (*Tremellomycetes*, *Basidiomycota*,
Fungi)**

Ana M. Millanes | Paul Diederich | ...

**Evolution of the hymenopteran
megaradiation**

John Heraty | Fredrik Ronquist | ...

[VIEW ALL](#)

Most Cited Articles

Scopus

N. Saitou

Div. of Population Genetics, National Institute of Genetics, 1111 Yata, 411-0801 Mishima, Japan

B. Schierwater

ITZ, Ecology and Evolution, TiHo Hannover: Tierärztliche Hochschule, Bünteweg 17D, 30559 Hannover, Germany

J. Schulte, II

Dept. of Biology, Clarkson University, 8 Clarkson Avenue, Potsdam, NY 13699-5805, USA

J. Shaw

Dept. of Biology, Duke University, Box 90338, Durham, NC 27708, USA

R.E. Tashian

Dept. of Human Genetics and Internal Medicine, University of Michigan Medical School, 1241 E. Catherine Street, Ann Arbor, MI 48109-5618, USA

A.P. Vogler

South Kensington Campus, Imperial College London, Exhibition Road, London, SW7 2AZ, UK

B. Whitlock

Dept of Biology, University of Miami, 1301 Memorial Drive, Coral Gables, 33124, USA

S. Williams

Dept. of Zoology, 709 Darwin Centre 1, Natural History Museum, Cromwell Road, London, SW7 5BD, UK

Review Editor

All fields Author
 Journal/Book title Volume Issue Page [Search ScienceDirect](#)

Download 30 years of research career insights. Today.

[return to SCIRUS](#)

 [Purchase](#) |  [Export citation](#)



Abstract | Article | Figures/Tables | References

Molecular Phylogenetics and Evolution
Volume 51, Issue 3, June 2009, Pages 465-471

doi:10.1016/j.ympev.2009.02.023 | [How to Cite or Link Using DOI](#)

 [Permissions & Reprints](#)

Relic of ancient recombinations in gibbon ABO blood group through phylogenetic network analysis

Takashi Kitano^{a, 1}, Reiko Noda^a, Osamu Takenaka^{b, †}, Naruya Saitou^a, , 

^a Division of Population Genetics, National Institute of Genetics, 1111 Yata, Mishima 411-8540, Japan

^b Primate Research Institute, Kyoto University, Inuyama 484-8506, Japan

Received 11 September 2008; revised 4 February 2009; Accepted 16 February 2009. Available online 17 March 2009.

Gene diversity of chimpanzee ABO blood group genes elucidated from exon 7 sequences [Original Research Article](#)
Gene, Volume 259, Issues 1-2, 23 December 2000, Pages 75-79
Kenta Sumiyama, Takashi Kitano, Reiko Noda, Robert E Ferrell, Naruya Saitou

Abstract

Human and non-human primate ABO blood group genes show relatively large numbers of nucleotide differences. In this study, we determined exon 7 sequences for 10 individuals of common chimpanzee and for four individuals of bonobo to estimate nucleotide diversities among them. Sequence data

 [PDF \(217 K\)](#)

[Available Issues](#) | [Japanese](#)>> [Publisher Site](#)

Author: [ADVANCED](#)
Keyword:

Volume Page

Add to
Favorite
PublicationsRegister
AlertsMy J-STAGE
HELP[List of materials in J-STAGE of this issue publisher](#)▶ [Advance Publication](#)▶ [Latest Issue](#)▶ [Available Issues](#)▶ [Archive Issues](#)

<<Announcement from J-STAGE>>

- **Regular Scheduled Downtime for Maintenance**
J-STAGE will not be available during the hours below due to the regular system maintenance.

Oct 29(Sat),10:00 to 12:30(JST)
- The annual maintenance schedule is available [here](#).

Author: [ADVANCED](#) | Volume Page
Keyword:

Add to
Favorite
ArticlesAdd to
Favorite
PublicationsRegister
AlertsMy J-STAGE
HELP

[TOP](#) > [Available Issues](#) > [Advance Publication](#) > Abstract

ONLINE ISSN : 1348-8570

Anthropological Science

Advance Publication

[\[PDF \(575K\)\]](#)

Advanced CT images reveal nonmetric cranial variations in living humans

[NARUYA SAITOU](#)¹⁾, [RYOSUKE KIMURA](#)²⁾, [HITOSHI FUKASE](#)³⁾, [AKIRA YOGI](#)⁴⁾, [SADAYUKI MURAYAMA](#)⁴⁾ and [HAJIME ISHIDA](#)³⁾

1) Division of Population Genetics, National Institute of Genetics, Mishima

2) Transdisciplinary Research Organization for Subtropics and Island Studies, University of the Ryukyus, Okinawa

3) Department of Human Biology and Anatomy, Faculty of Medicine, University of the Ryukyus, Okinawa

4) Department of Radiology, Faculty of Medicine, University of the Ryukyus, Okinawa

(received September 28, 2010)

(accepted October 15, 2010)

Abstract Two mainland Japanese males were examined with a computer tomography (CT) X-ray scanner to reconstruct three-dimensional CT simulation images of their

Human Biology

Founded by Raymond Pearl in 1929

The International Journal of
Population Genetics and Anthropology

Last update : 25/07/11

- Content
- About Human Biology
- Editorial Focus
- Submission - Contact
- Publishing Agreement
- Style Notes
- Journal Staff
- Editorial Board



June 30, 2011

**These pages will no longer be updated as Human Biology
now has a NEW WEBSITE at the following address
<http://digitalcommons.wayne.edu/humbiol/>**

**Electronic submission will soon be available,
meanwhile you can submit manuscripts for publication
by writing to the Editorial Office at
human.biology@mnhn.fr**

 **June 2011 (83:3)**

 **April 2011 (83:2)**

Special Issue on "Integrating genetic and Cultural Evolutionary Approaches to Language"

 **February 2011 (83:1)**

 **October-December 2010 (82:5-6)**

Special Issue on "Origins of the Populations of the Aleutian Islands"

 **August 2010 (82:4)**

 **June 2010 (82:3)**

 **April 2010 (82:2)**

 **February 2010 (82:1)**

 **October-December 2009 (81:5-6)**



WAYNE STATE
UNIVERSITY
PRESS

Human Biology

Founded by R. Pearl in 1929

The International Journal of Population Genetics and Anthropology

Home > WSU Press > HUMBIOL

Journal Home
About This Journal
Aims & Scope
Editorial Board
Policies
Subscriptions
Contact Us

Most Popular Papers

Custom Email Notices or [RSS](#)

About *Human Biology*

A worldwide forum for state-of-the-art ideas, methods, and techniques in the field, *Human Biology* focuses on genetics in its broadest sense. Included under this rubric are: human population genetics, evolutionary and genetic demography, quantitative genetics, evolutionary biology, ancient DNA studies, biological diversity interpreted in terms of adaptation (biometry, physical anthropology), and interdisciplinary research linking biological and cultural diversity (inferred from linguistic variability, ethnological diversity, archaeological evidence, etc.).

Human Biology is the official publication of the American Association of Anthropological Genetics (AAAG), an educational and scientific organization founded in 1994. AAAG aims to promote the study of anthropological genetics, as this field is broadly defined, to facilitate communication between individuals engaged in the study of anthropological genetics and to foster cooperation among anthropological geneticists.

Current Issue: Volume 83, Issue 5 (2011)

Open Access Preprints



PDF

Delineating Europe's Cultural Regions: Population Structure and Surname Clustering

SPECIAL ISSUES:

Special Issue on Integrating Genetic and Cultural Evolutionary Approaches to Language

Special Issue on the Origins of the Populations of the Aleutian Islands

Special Issue in Honor of the 80th Anniversary of Human Biology: The Gabriel W. Lasker Award Winners, 1992–2008

Special Issue on Demography and Cultural Macroevolution

Select an issue:



Prof. Naruya Saitou, National Institute of Genetics, Japan

Discipline: evolutionary genomics

Research interests: divergence of modern humans specially in Asia; genetic features of human uniqueness; ancient DNA study

Keywords: evolution, genomics, population, aDNA, humanness



Prof. Joseph Salmons, University of Wisconsin–Madison, USA

Discipline: linguistics

Research interests: language change and linguistic reconstruction, especially sound change, in settings from prehistory to the present; how structural aspects of language are intertwined with social aspects, including migration, language, and dialect contact along with geographical and social variation

Keywords: historical linguistics, comparative linguistics, language variation, dialectology, language contact



Prof. Alicia Sanchez-Mazas, University of Geneva, Switzerland

Discipline: population genetics

Research interests: the genetic study of human populations and its application to human peopling history since the emergence of modern humans; the molecular analysis of the HLA polymorphism (human MHC) in worldwide human populations, the statistical analysis of population genetics data; the comparison of genetics with archaeology, palaeontology, and historical linguistics; the study of HLA molecular evolution

Keywords: population genetics, evolution, anthropology, human peopling history, HLA polymorphism



Prof. Monica Sans, Universidad de la República, Montevideo, Uruguay

DNA Research

[ABOUT THIS JOURNAL](#)
[CONTACT THIS JOURNAL](#)
[SUBSCRIPTIONS](#)
[CURRENT ISSUE](#)
[ARCHIVE](#)
[SEARCH](#)
[Oxford Journals](#) > [Life Sciences](#) > DNA Research

READ THIS JOURNAL


[View Current Issue \(Volume 18 Issue 5 October 2011\)](#)
[Advance Access](#)
[Browse the archive](#)

DNA Research is an internationally peer-reviewed journal which aims to publish the highest quality papers on structures and function of genes and genomes.

Article collections

[Invited Reviews](#)
[Editor's Choice](#)

News

[Editor's Choice Collection](#)

To highlight key research published in *DNA Research*, the Editor-in-Chief is now selecting an article from each issue to be featured on the journal home page.

The most recent Editor's Choice article, from Volume 18, Issue 5, is:

[In silico analysis of transcription factor repertoires and prediction of stressresponsive transcription factors from six major Gramineae plants](#)

The transcription factors and *cis*-regulatory elements of six Gramineae plants including rice, maize and wheat are summarized in a specialized database termed GramineaeTFDB. It provides sequence features, promoter regions, domain alignments, GO assignment, and cDNA information of related transcription factors along with crossreferences to public databases, related genetic resources, expression profiles of the transcription factor genes and available mutant lines. [Read more](#)

SEARCH THIS JOURNAL

GO

[Advanced search](#)

THE JOURNAL

[About this journal](#)
[Rights & Permissions](#)
[Dispatch date of the next issue](#)
[This journal is a member of the Committee on Publication Ethics \(COPE\)](#)
[We are mobile – find out more](#)
Impact Factor: 4.754
5-Yr impact factor: 4.781

Published on behalf of

[Kazusa DNA Research Institute](#)

Editor-in-Chief

Michio Oishi
[View full editorial board](#)

FOR AUTHORS

[Instructions to authors](#)
[Online submission instructions](#)
[Submit now!](#)

DNA Research

[ABOUT THIS JOURNAL](#)
[CONTACT THIS JOURNAL](#)
[SUBSCRIPTIONS](#)
[CURRENT ISSUE](#)
[ARCHIVE](#)
[SEARCH](#)

Oxford Journals > Life Sciences > DNA Research > Volume 18, Issue 3 > Pp. 177-187.



Read this journal on the move

Exploration for Functional Nucleotide Sequence Candidates within Coding Regions of Mammalian Genes

Rumiko Suzuki^{1,2,†} and Naruya Saitou^{1,2,*}

+ Author Affiliations

* To whom correspondence should be addressed. Tel. +81 559-81-6790. Fax. +81 559-81-6789. E-mail: saitounr@lab.nig.ac.jp

Edited by Katsumi Isono

† Present address: Department of Environmental and Preventive Medicine, Oita University, Yufu 879-5593, Japan.

Received September 12, 2010.
Accepted April 14, 2011.

Abstract

The primary role of a protein coding gene is to encode amino acids. Therefore, synonymous sites of codons, which do not change the encoded amino acid, are regarded as evolving neutrally. However, if a certain region of a protein coding gene contains a functional nucleotide element (e.g. splicing signals), synonymous sites in the region may have selective pressure. The existence of such elements would be detected by searching regions of low nucleotide substitution. We explored invariant nucleotide sequences in 10 790 orthologous genes of six mammalian species (*Homo sapiens*, *Macaca mulatta*, *Mus musculus*, *Rattus*

[« Previous](#) | [Next Article »](#)
[Table of Contents](#)

This Article

DNA Res (2011) 18 (3): 177-187.
doi: 10.1093/dnares/dsr010
First published online: May 17, 2011

This article is Open Access

[Abstract](#)

» [Full Text \(HTML\)](#)

[Full Text \(PDF\)](#)

[Supplementary Data](#)

All Versions of this Article:
[dsr010v1](#)
18/3/177 **most recent**

- Classifications

[Full Papers](#)

- Services

[Alert me when cited](#)

[Alert me if corrected](#)

[Find similar articles](#)

[Similar articles in PubMed](#)

[Add to my archive](#)

[Download citation](#)

Search this journal:

[Advanced »](#)

Current Issue

October 2011 18 (5)



[Alert me to new issues](#)

The Journal

[About this journal](#)

[Rights & Permissions](#)

[Dispatch date of the next issue](#)

This journal is a member of the
Committee on Publication
Ethics (COPE)

[We are mobile – find out more](#)

Impact Factor: 4.754







International Journal of **Obesity**

Presents... Pediatric Highlights

January, April, July and October 2011

Click here to access selected **FREE** content online



-  [My account](#)
-  [Submit manuscript](#)
-  [Register](#)
-  [Subscribe](#)

Journal of Human Genetics

[Login](#)

Search

This journal

go

[Advanced search](#)

- Journal home**
- [Advance online publication](#)
 - [About AOP](#)
 - [Current issue](#)
 - [Archive](#)
 - [Focuses](#)
 - [Press releases](#)




Welcome to *Journal of Human Genetics*

The *Journal of Human Genetics* is the official journal of the Japan Society of Human Genetics, publishing high-quality original research articles, short communications, reviews, correspondences and editorials on all aspects of human genetics and genomics. It is the leading genetics journal based in the Asia-Pacific region.

We are happy to announce that the archive of the *Journal of Human Genetics* from 1977-2005 is now freely available in our [Archive](#).

27 October 2011

Journal services

-  [Sign up for e-alerts](#)
- ☒ [Recommend to your library](#)
-  [Web feed](#)
-  [Top ten](#)

-  [Online submission](#)
- [For authors](#)
- [For referees](#)
- [Contact editorial office](#)
- [About the journal](#)
- [About the society](#)
- [For librarians](#)
- [Subscribe](#)
- [Advertising](#)
- [Reprints and permissions](#)
- [Contact NPG](#)
- [Customer services](#)
- [Site features](#)



[Free online issue](#)

Volume 56, No 10
October 2011
 ISSN: 1434-5161
 EISSN: 1435-232X

FEATURED ARTICLES

ORIGINAL ARTICLE

[HRAS mutants identified in Costello syndrome patients can induce cellular senescence: possible implications for the pathogenesis of Costello syndrome](#) **FREE**

ORIGINAL ARTICLE

[Integration-free and stable expression of FVIII using a human artificial chromosome](#) **FREE**

ORIGINAL ARTICLE

[Mitochondrial DNA and Y-chromosome microstructure in Tunisia](#) **FREE**

- [Current issue table of contents](#)
- [Advance online publication in full](#)

naturejobs

Postdoctoral scientist at QCRI
QCRI

Postdoctoral Fellow F / M
Universitaetsklinikum Carl Gustav Carus

- [More science jobs](#)
- [Post a job for free](#)

natureevents

Genetic and Molecular Basis of Obesity and Body Weight Regulation (J7) / Emerging Molecular Mechanisms for the Pathogenesis of Diabetes (J8)
 29 January 2012 – 03 February 2012

Access

To read this article in full you may need to log in, make a payment or gain access through a site license (see right).

[nature.com](#) > [Journal home](#) > [Table of Contents](#)

Commentary

Journal of Human Genetics **56**, 257 (April 2011) | doi:10.1038/jhg.2011.8






A Commentary on The Soliga, an isolated tribe from Southern India: genetic diversity and phylogenetic affinities

Naruya Saitou

The Subcontinent India is located at the South-Central part of Eurasia, and has been the cross-roads of human dispersal.¹ Now in this issue of *Journal of Human Genetics*, Rene J Herrera and collaborators showed a new genetic connection between one isolated tribe in India, Soliga and Aborigines in Australia.² The Soliga tribe is distributed in the state of Karnataka, Southern India, and phenotypically resemble the Australian Aborigines. This study may be the first one to show that a particular human population in this Subcontinent may be phylogenetically close to Aborigines.

To read this article in full you may need to log in, make a payment or gain access through a site license (see right).

ARTICLE TOOLS

-  Send to a friend
-  Export citation
-  Rights and permissions
-  Order commercial reprints
-  Bookmark in Connotea

SEARCH PUBMED FOR

► Naruya Saitou

Personal subscribers to *Journal of Human Genetics* can view this article. To do this, associate your subscription with your registration via the [My Account](#) page. If you already have an active subscription, [login here](#) to your nature.com account.

If you do not have access to the article you require, you can purchase the article (see below) or access it through a [site license](#). Institutions can add additional archived content to their license at any time. [Recommend](#) site license access to your institution.

I am a member of the Japan Society of Human Genetics

Members of the Japan Society of Human Genetics receive access to *Journal of Human Genetics* as part of their membership.

Access is available through the [Japan Society of Human Genetics web site](#).

[Login via your institution](#)

[Login via Athens](#)

Email:

Password:

☐ save your password

[What happens if I save my password](#)



Quick Search

 [Go!](#)

- ☒ BMC Bioinformatics
- ☐ BioMed Central
- ☐ PubMed Central
- ☐ PubMed

Jump to article

 [Go!](#)

vol. article no.

BMC Bioinformatics

- [Home](#)
- [About this journal](#)
- [Editorial board](#)
- [Archive](#)
- [Advanced search](#)
- [Most viewed](#)
- [Article alerts](#)
- [Submit an article](#)
- [Instructions for authors](#)
- [Series](#)

Welcome to **BMC Bioinformatics** published by BioMed Central

BMC Bioinformatics is an open access journal publishing original peer-reviewed research articles in all aspects of the development, testing and novel application of computational and statistical methods for the modeling and analysis of all kinds of biological data, as well as other areas of computational biology. *BMC Bioinformatics* (ISSN 1471-2105) is indexed/tracked/covered by PubMed, MEDLINE, BIOSIS, CAS, EMBASE, Scopus, ACM, CABI, Thomson Reuters (ISI) and Google Scholar.

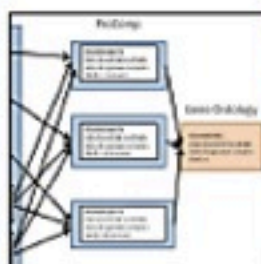
Featured articles [Open Access](#)



Enriching corpora with meta-knowledge

BMC Bioinformatics 2011, **12**:393

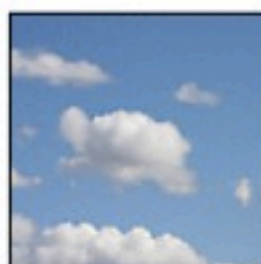
An annotation scheme for meta-knowledge enrichment of biomedical event corpora achieves high levels of inter-annotator agreement when applied to the GENIA event corpus, and facilitates more sophisticated training of information extraction systems.



Protein complex ontology

BMC Bioinformatics 2011, **12**:371

ProComp is a component of the Protein Ontology (PRO) database for implementing a logical and consistent representation of protein complexes, and facilitates robust annotation of variations in composition and function contexts within and between species



Sequence analysis in the cloud

BMC Bioinformatics 2011, **12**:356

Cloud Virtual Resource (CloVR) is a new desktop application for large-scale sequence analysis using remote computing resources that provides several automated pipelines for microbial genomics, including 16S, whole genome and metagenome sequence analysis.

SUBMIT A MANUSCRIPT

[submit now for full peer review](#)

Related Journals from BioMed Central

- [Automated Experimentation](#)
- [BMC Biophysics](#)
- [BMC Genomics](#)
- [BMC Structural Biology](#)
- [BMC Systems Biology](#)
- [BioData Mining](#)
- [Biology Direct](#)
- [EURASIP Journal on Bioinformatics and Systems Biology](#)
- [Genetics Selection Evolution](#)
- [Genome Biology](#)
- [Genome Medicine](#)
- [GigaScience](#)
- [Health Information Science and Systems](#)
- [Journal of Biomedical Semantics](#)
- [Journal of Clinical Bioinformatics](#)
- [Microbial Informatics and Experimentation](#)

Top

Abstract

Background

Implementation

Results and
Discussion

Conclusion

Availability and
requirements

Authors'
contributions

Acknowledgements

References

Software

Highly accessed

Open Access

MISHIMA - a new method for high speed multiple alignment of nucleotide sequences of bacterial genome scale data

Kirill Kryukov^{1,2}  and Naruya Saitou¹ 

¹ Division of Population Genetics, National Institute of Genetics 1111 Yata, Mishima, 411-8540, Japan

² Genome Network Project, National Institute of Genetics 1111 Yata, Mishima, 411-8540, Japan

 author email  corresponding author email

BMC Bioinformatics 2010, **11**:142 doi:10.1186/1471-2105-11-142

The electronic version of this article is the complete one and can be found online at: <http://www.biomedcentral.com/1471-2105/11/142>

Received: 17 July 2009

Accepted: 18 March 2010

Published: 18 March 2010

© 2010 Kryukov and Saitou; licensee BioMed Central Ltd.

This is an Open Access article distributed under the terms of the Creative Commons Attribution License (<http://creativecommons.org/licenses/by/2.0>), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

Abstract

Background

Large nucleotide sequence datasets are becoming increasingly common objects of comparison. Complete bacterial genomes are reported almost everyday. This creates challenges for developing new multiple sequence alignment methods. Conventional multiple alignment methods are based on pairwise alignment and/or progressive alignment techniques. These approaches have performance problems when the number of sequences is large and when dealing with genome scale sequences.

Results


We present a new method of multiple sequence alignment, called MISHIMA (Method for Inferring Sequence History In terms of Multiple Alignment), that does not depend on pairwise sequence comparison. A new algorithm

BMC Bioinformatics
Volume 11

Viewing options:

- [Abstract](#)
- [Full text](#)
- [PDF \(4.7MB\)](#)
- [Additional files](#)

Associated material:

- [Readers' comments](#) 
- [PubMed record](#)

Related literature:

- [Articles citing this article on Google Scholar](#)
- [on ISI Web of Science](#)
- [on PubMed Central](#)
- [Other articles by authors](#)
- [on Google Scholar](#)
- [on PubMed](#)
- [Related articles/pages on Google](#)
- [on Google Scholar](#)
- [on PubMed](#)

Tools:

- [Download citation\(s\)](#)
- [Download XML](#)
- [Email to a friend](#)
- [Order reprints](#)
- [Post a comment](#)

Post to:

-  [Citeulike](#)
-  [Connotea](#)
-  [Del.icio.us](#)
-  [Facebook](#)
-  [Mendeley](#)
-  [Twitter](#)

Find the
genomics
resources,
tools and
training
relevant to
your needs

type your query...

Search

powered by

» *Evolutionary & Developmental Biology*

[SUBDISCIPLINES](#) | [JOURNALS](#) | [BOOKS](#) | [SERIES](#) | [TEXTBOOKS](#) | [REFERENCE WORKS](#) |   [SHARE](#)


Journal of Molecular Evolution

Editor-in-Chief: Martin Kreitman

ISSN: 0022-2844 (print version)

ISSN: 1432-1432 (electronic version)

Journal no. 239


[▶](#) [ORDER OR RECOMMEND TO LIBRARIAN](#)
[ABOUT THIS JOURNAL](#) | [EDITORIAL BOARD](#) | [SIGN UP FOR TOC ALERTS](#)

OPEN ACCESS

Interested in publishing your article in this journal?

Learn about your Open Access option!


CLICK

- Presents experimental and theoretical work aimed at deciphering features of molecular evolution and the processes bearing on these features
- Examines comparative structural and functional genomics, and other topics
- Coverage includes the evolution of informational macromolecules and their relation to more complex levels of biological organization, up to populations and taxa

READ THIS JOURNAL ON SPRINGERLINK

[Online First Articles](#)
[Current Issue](#)
[Free Electronic Sample Copy](#)
[Most Downloaded Articles](#)

FOR AUTHORS AND EDITORS

 2010 Impact Factor

2.311

[Aims and Scope](#)
[Submit Online](#)
[Instructions for Authors](#)
[How to submit online](#)
[Submission information](#)

SERVICES FOR THE JOURNAL

[Contacts](#)
[Shipping dates](#)

SEARCH FOR

GO

Advanced S

Search

AUTHOR OR EDITOR

PUBLICATION

VOLUME

ISSUE

PAGE

HOME

MY SPRINGERLINK

BROWSE

TOOLS

HELP

 SHOPPING

Journal

About

Search Within This Journal

GO

Browse This Journal

Show Filters

Online First™

Open Access

Samples

▼ Contemporary Content

Volume 72

Numbers 5-6 / June 2011 433-546

Number 4 / April 2011 339-431

Number 3 / March 2011 253-338

Number 2 / February 2011 127-252

Number 1 / January 2011 1-126

Volume 71

BIOMEDICAL AND LIFE SCIENCES



Journal of Molecular Evolution

Volume 1 / 1971 - Volume 72 / 2011

Online First™

Viewing items 1 - 10 of 13

Sort by: Date ▼



Online First

Open Access

Phylogenetic and Preliminary Phenotypic Analysis of Yeas

SEARCH FOR

GO

Advanced Search ▼

Search Tips

You have **Guest** access.

What can I do as a guest?


HOME

MY SPRINGERLINK

BROWSE

TOOLS

HELP

 SHOPPING CART

LOG IN

Access Options

▼ MyCopy

What are MyCopy books?

MyCopy books are printed versions from the Springer eBook Collection to which your library provides you access via SpringerLink. MyCopy complements the Springer eBook Collection and enables you to choose the content format that best suits your individual research needs. You may opt for the eBook format or the printed book - whatever you prefer. MyCopy books have a colored soft cover, with the interior being black and white. Thus, colored illustrations in the eBook and conventional Springer print books are always monochrome in the corresponding MyCopy book.

What is the price of a MyCopy book?

► Pay-Per-View

BIOMEDICAL AND LIFE SCIENCES



JOURNAL OF MOLECULAR EVOLUTION

Volume 71, Numbers 5-6, 427-436, DOI: 10.1007/s00239-010-9396-1



Evolution of Conserved Non-Coding Sequences Within the Vertebrate Hox Clusters Through the Two-Round Whole Genome Duplications Revealed by Phylogenetic Footprinting Analysis

Masatoshi Matsunami, Kenta Sumiyama and Naruya Saitou

Access to this Content is Restricted

This content is secured to subscribers. Options for obtaining access to this content are indicated below.

Buy Online Access to this Article

Individual Article (Electronic Only)

EUR 34.95

BUY NOW

ADD TO SHOPPING CART

Share this Item

 email

 citeulike

 Connotea

 Delicious



Explore the Origin of our Species;

The Wiley-Blackwell Encyclopedia of Human Evolution
is now available!

 **WILEY**  **ONLINE LIBRARY**

  [PUBLICATIONS](#) | [BROWSE BY SUBJECT](#) | [RESOURCES](#) | [ABOUT US](#)

LOGIN

Enter e-mail address






Enter password

☒ REMEMBER ME

NOT REGISTERED ?
FORGOTTEN PASSWORD ?
INSTITUTIONAL LOGIN >

[Home](#) > [Evolution](#) > [Evolutionary Biology](#) > [Journal Home](#)

JOURNAL TOOLS

-  [Get New Content Alerts](#)
-  [Get RSS feed](#)
-  [Save to My Profile](#)
-  [Get Sample Copy](#)
-  [Recommend to Your Librarian](#)

JOURNAL MENU

[Journal Home](#)

FIND ISSUES

[Current Issue](#)
[All Issues](#)
[Virtual Issues](#)

FIND ARTICLES

[Early View](#)
[Accepted Articles](#)

GET ACCESS

[Subscribe / Renew](#)

FOR CONTRIBUTORS

[OnlineOpen](#)
[Author Guidelines](#)
[Submit an Article](#)

ABOUT THIS JOURNAL

[Society Information](#)
[News](#)
[Overview](#)

EVOLUTION

INTERNATIONAL JOURNAL OF ORGANIC EVOLUTION



Evolution

© Society for the Study of Evolution



Edited By: Daphne Fairbairn

Impact Factor: 5.659

ISI Journal Citation Reports © Ranking: 2010: 6/45 (Evolutionary Biology);
9/130 (Ecology); 19/156 (Genetics & Heredity)

Online ISSN: 1558-5646

[Recently Published Issues](#) | [See all](#)

Current Issue: November 2011

Volume 65, Issue 11

October 2011

Volume 65, Issue 10

September 2011

Volume 65, Issue 9

August 2011

Volume 65, Issue 8

July 2011

Volume 65, Issue 7

[Virtual Issues](#)

Welcome to Wiley Online Library



SEARCH

In this journal

[Advanced >](#) [Saved Searches >](#)

Published on behalf of the Society for
the Study of Evolution



100m +
ad impressions
monthly

International Journal of Evolutionary Biology

[About this Journal](#) [Submit a Manuscript](#) [Table of Contents](#)



Journal Menu

- [Abstracting and Indexing](#)
- [Aims and Scope](#)
- [Annual Issues](#)
- [Article Processing Charges](#)
- [Articles in Press](#)
- [Author Guidelines](#)
- [Bibliographic Information](#)
- [Contact Information](#)
- [Editorial Board](#)
- [Editorial Workflow](#)
- [Free eTOC Alerts](#)
- [Reviewers Acknowledgment](#)
- [Subscription Information](#)

- [Open Focus Issues](#)
- [Focus Issue Guidelines](#)

- [Open Special Issues](#)
- [Published Special Issues](#)

About this Journal

International Journal of Evolutionary Biology is a peer-reviewed, open access journal that publishes original research articles as well as review articles in all areas of evolutionary biology.



International Journal of Evolutionary Biology

[About this Journal](#)[Submit a Manuscript](#)[Table of Contents](#)

Journal Menu

- [Abstracting and Indexing](#)
- [Aims and Scope](#)
- [Annual Issues](#)
- [Article Processing Charges](#)
- [Articles in Press](#)
- [Author Guidelines](#)
- [Bibliographic Information](#)
- [Contact Information](#)
- [Editorial Board](#)
- [Editorial Workflow](#)
- [Free eTOC Alerts](#)
- [Reviewers Acknowledgment](#)
- [Subscription Information](#)

- [Open Focus Issues](#)
- [Focus Issue Guidelines](#)

- [Open Special Issues](#)
- [Published Special Issues](#)
- [Special Issue Guidelines](#)

Editorial Board

[Giacomo Bernardi](#), University of California Santa Cruz, USA

[Terry A. Burke](#), University of Sheffield, United Kingdom

[Ignacio Doadrio](#), Consejo Superior de Investigaciones Científicas, Spain

[Simon Easteal](#), The Australian National University, Australia

[Santiago F. Elena](#), Consejo Superior de Investigaciones Científicas, Spain

[Renato Fani](#), Università degli Studi di Firenze, Italy

[Dmitry A. Filatov](#), University of Oxford, United Kingdom

[F. González-Candelas](#), Universidad de Valencia, Spain

[D. Graur](#), University of Houston, USA

[A. Rus Hoelzel](#), Durham University, United Kingdom

[Kazuho Ikeo](#), National Institute of Genetics, Japan

[Yoh Iwasa](#), Kyushu University, Japan

[Henrik J. Jensen](#), Imperial College London, United Kingdom

[Amitabh Joshi](#), Jawaharlal Nehru Centre for Advanced Scientific Research, India

[Hirohisa Kishino](#), University of Tokyo, Japan

[A. Moya](#), Universitat de València, Spain

[G. Pesole](#), Università degli Studi di Bari, Italy

[I. Popescu](#), mark.springer@ucr.edu, USA

[David Posada](#), Universidad de Vigo, Spain

[Jeffrey R. Powell](#), Yale University, USA

[Hudson Kern Reeve](#), Cornell University, USA

[Y. Satta](#), Graduate University for Advanced Studies (Sokendai), Japan

[Koji Tamura](#), Tohoku University, Japan

[Yoshio Tateno](#), National Institute of Genetics, Japan

Quick Search

 [Go!](#)

- ☒ BMC Evolutionary Biology
- ☐ BioMed Central
- ☐ PubMed Central
- ☐ PubMed

Jump to article

 [Go!](#)
vol. article no.

BMC Evolutionary Biology

- [Home](#)
- [About this journal](#)
- [Editorial board](#)
- [Archive](#)
- [Advanced search](#)
- [Most viewed](#)
- [Article alerts](#)
- [Submit an article](#)
- [Instructions for authors](#)

Welcome to **BMC Evolutionary Biology** published by BioMed Central

BMC Evolutionary Biology is an open access journal publishing original peer-reviewed research articles in all aspects of molecular and non-molecular evolution of all organisms, as well as phylogenetics and palaeontology. *BMC Evolutionary Biology* (ISSN 1471-2148) is indexed/tracked/covered by PubMed, MEDLINE, BIOSIS, CAS, EMBASE, Scopus, Zoological Record, Current Contents, CABI, Thomson Reuters (ISI) and Google Scholar.

Featured articles [Open Access](#)



Depth divergence in coral

BMC Evolutionary Biology 2011, **11**:303

Genetic differences between populations of the brooding coral *Seriatopora hystrix* and its algal endosymbionts across reef habitats of varying depth are due to divergent selection and adaptation to the different environmental conditions encountered at each depth.



Hitchhiking parasites co-evolve

BMC Evolutionary Biology 2011, **11**:284

Combining sequence data from rare mockingbirds and their host-specific parasites on the Galapagos Islands increases confidence in the inferred mockingbird phylogeny than using host data alone, leading to more accurate predictions about population structure and effective conservation.



Language linked to scavenging

BMC Evolutionary Biology 2011, **11**:261

Derek Bickerton and Eors Szathmary discuss current thinking in the role of human confrontational scavenging in the emergence of language and the high degree of cooperation seen, and directions for future research in this area.

Journal Menu

Journal Home

Aims & Scope
 Author Guidelines
 Editorial Contacts
 Table of Contents
 Association / Society

Sales and Services

Subscribe / Renew
 Recommend to Library
 Customer Services
 Permissions
 Privacy Policy
 Offprints
 Advertising

Wiley-Blackwell

Books
 Journals
 About Wiley-Blackwell



New!
[JEB Cover Art Gallery](#)

Journal of Evolutionary Biology

The journal of the
[European Society for Evolutionary Biology](#)

JEB Open Access

New Discounted Open Access publication rate for ESEB Members

As a new benefit of membership, ESEB members are offered a discounted fee for publishing their manuscripts in *JEB* using the pay-to-publish option, OnlineOpen. [Click here to view the Online Open form](#) | [Click here to become a member](#)

All JEB content is freely available once it is 2 years old.

JEB has always made all content freely available 2 years after publication. [Click here](#) to access all content available in JEB.

All review content is made freely available immediately on publication.

The editorial team behind JEB know that authors invest significant time and effort in writing reviews and target reviews. It is also clear that readers find review material particularly valuable. JEB therefore makes all reviews and target reviews freely available to all immediately on publication. [Click here](#) to access all review content in JEB.

Authors of all JEB papers have the option to pay to make their content freely available immediately on publication.

JEB recognizes that authors want flexible options in choosing where to publish. JEB Open Access gives authors the opportunity to ensure that their article is immediately made freely available for all to access online. This pay-to-publish option acknowledges calls for open access options and reflects JEB's commitment to viable high quality publishing on behalf of ESEB. Authors interested in this route to publication can find more information [here](#) and the appropriate [forms](#) to submit on acceptance of a manuscript.

Editor's Choice – Volume 22, Issues 11-12

- [Evidence for autotetraploidy associated with reproductive](#)

For Readers

[Online Early](#)
[Latest Issue](#)
[Full archive](#)
[Advanced Search](#)
[Review Articles](#)
[In the News](#)
[Cover Gallery **New!**](#)
[Sign up for E-alerts](#)

For Authors

[Submit an Article](#)
[Author Guidelines](#)

About the Society

[eseb](#)
[Meetings](#)

Journal Highlights

Rapid publication of
 Evolutionary Results.
 Submission to decision:
 37 days.
 Acceptance to online
 publication: 44 days.
 Impact factor: 3.471

Download a
[JEB fact-sheet](#)



FOLLOW ON

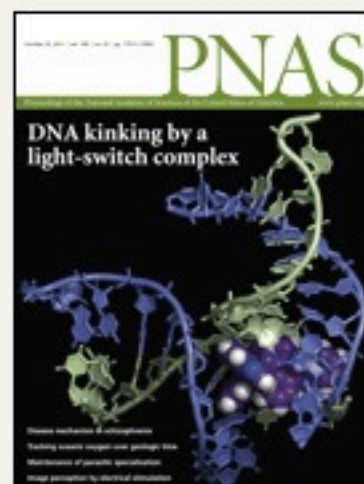
[Current Issue](#)[Archives](#)[Online Submission](#)

Search PNAS

GO

[advanced search >>](#)

- ❖ [Feature Articles](#)
- ❖ [PNAS Plus](#)
- ❖ [Commentaries](#)
- ❖ [Letters](#)
- ❖ [Inaugural Articles](#)
- ❖ [PNAS Profiles](#)
- ❖ [Sustainability Science](#)
- ❖ [Special Features](#)
- ❖ [Sackler Colloquia](#)
- ❖ [Podcasts](#)
- ❖ [Collected Papers](#)

[Physical Sciences](#)[Biological Sciences](#)[Social Sciences](#)**Early Edition** | October 26, 2011[Highlights from Early Edition >>](#)**Current Issue** | October 25, 2011[In This Issue >>](#)[DNA kinking by a light-switch complex](#)[Disease mechanism in schizophrenia](#)[Tracking oceanic oxygen over geologic time](#)[Maintenance of parasitic specialization](#)[Image perception by electrical stimulation](#)[50 Most-Read Articles >>](#)[Cazzarelli Prize >>](#)[PNAS in the News >>](#)[Top Stories: Electrical stimulation allows monkeys to see contrasts, colors](#)[Recent Press Highlights >>](#)For an alternate route to Proceedings of the National Academy of Sciences use this URL: <http://intl.pnas.org>PNAS is published by the [National Academy of Sciences](#)

PNAS Online is distributed with the assistance of

[Stanford University's Highwire Press®](#)

Online ISSN 1091-6490

Copyright © 2011 by the National Academy of Sciences

pnas@nas.edu • phone: 1-202-334-2679 • fax: 1-202-334-2739

XML



ADVERTISEMENT

WE HAVE THE TECHNOLOGY. LET'S GO.



ADVERTISEMENT

nature

International weekly journal of science

Search

Go

▶ [Advanced search](#)
[Home](#) | [News & Comment](#) | [Research](#) | [Careers & Jobs](#) | [Current Issue](#) | [Archive](#) | [Audio & Video](#) | [For Authors](#)

NEWS & COMMENT

▶ [See all news & comment](#)

Malaria vaccine results face scrutiny

Experts question early release of incomplete trial data.

Interim results suggest that \$200 million vaccine development programme may fall short of expectations, but still marks a 'significant achievement'.



Reuters/J. Okanga

Current issue

- ▶ [Table of contents](#)
- ▶ [Podcast](#)
- ▶ [Archive](#)
- ▶ [Subscribe to nature](#)
- ▶ [About](#)
- ▶ [Submit manuscript](#)



Culprit behind bat scourge confirmed

A cold-loving fungus is behind an epidemic decimating bat populations in North America.



Tissue-bank shortage: Brain child

Feature

Asking parents to donate a child's brain to research is emotionally fraught. Some researchers say th...



EU to fund Tunisian research programme

Nature Middle East

Funding will focus on national research priorities.



Seven days: 21–27 October 2011

The week in science: Earthquake hits Turkey; global warming verified; and promising trial results fr...

LATEST RESEARCH

CAREERS & JOBS

**Thermo**
SCIENTIFIC

How can you turn essential instruments into instrumental rewards?

Rollover to learn how

Hint: Reward yourself with a free laptop when you purchase any Thermo Scientific NanoDrop instrument.

My account

Submit manuscript

Register

Subscribe

Login

nature
COMMUNICATIONS

Home

About the journal

Authors and referees

Browse archive

Search

Nature Communications is an online-only, multidisciplinary journal dedicated to publishing high-quality research in all areas of the biological, physical and chemical sciences. → [Read more.](#)

Search the journal...

GO

→ [Advanced search](#)Submit to *Nature
Communications*

Submit

Most recent

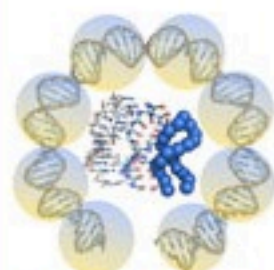
Browse by subject

LATEST REVIEW

→ [View all reviews](#)

Capturing the essence of folding and functions of biomolecules using coarse-grained models

Changbong Hyeon, D. Thirumalai



Coarse-grained models can be used to study the folding of biological macromolecules such as DNA, RNA and proteins. In this Review, Hyeon and Thirumalai describe recent advances in the use of these theoretical models to describe dynamic processes in biology.

27 Sep | *Nat. Commun.* 2 : 487 doi: 10.1038/ncomms1481 (2011)

Biological Sciences

Biochemistry

Biophysics

LATEST ARTICLES

→ [View all articles](#)

JOURNAL SERVICES

[Sign up for e-alerts](#) [Recommend to library](#) [Web feeds](#)

PERSONALIZED CONTENT

Personalize this section below or [login](#) to retrieve your current preference

Biochemistry



Choose

1. [Capturing the essence of folding and functions of biomolecules using coarse-grained models](#)

Nature Communications | 27 Sep 2011

Collection: *MESSENGER* Orbits Mercury :: Collection: *Australopithecus sediba* :: Web editor opening at *Science*



Sign Up For eAlerts

Including *Science* TOC, Editor's Choice and more.

Your Email Address

Submit

ADVERTISEMENT

Morpholinos

No innate immune response.

No nucleolytic degradation.

Far less off-target gene modulation than from catalytic knockdowns (RISC, RNase-H).

Silence

21 OCTOBER 2011

ANTHROPOLOGY

PRE-CLOVIS MASTODON HUNTING

New dating shows that people were hunting mastodons in North America by 14,000 years ago. (Research + News + Podcast)



PREVIOUS

NEXT



NEXTGEN VOICES SURVEY

How will the practice of science change in your lifetime? Send us your ideas!

SCIENCE

CURRENT ISSUE

PREVIOUS ISSUES

SCIENCE EXPRESS



21 OCTOBER 2011, VOL. 334, #6054

ANTHROPOLOGY

[Pre-Clovis Mastodon Hunting](#)

PHYSICS

[The Sterile Neutrino](#)

EPIDEMIOLOGY

[What West Nile Virus Can Teach Us](#)

CELL BIOLOGY

[Information Transfer Through Noisy Signaling Networks](#)

ASTRONOMY

[A Watery Planet-Forming Disk](#)

- » Table of Contents
- » Author Index
- » Subject Index
- » Top Last Month
- » Products

Science Japanese Gateway

SCIENCE SIGNALING

DAILY NEWS

Science LIVE

THURSDAY 27 OCTOBER, 3:00 PM EDT

The Intersection of Science, Art, and Humor

27 OCTOBER 2011 | **SCIENCENOW**

Mummy Has Oldest Case of Prostate Cancer in Ancient Egypt

Study suggests disease was more prevalent than previously believed

27 OCTOBER 2011 | **SCIENCEINSIDER**

UPDATE: House Approves Arizona Land Swap

The House of Representatives has approved the Arizona land swap on a



Proceedings B is the Royal Society's flagship biological research journal, dedicated to the rapid publication and broad dissemination of high-quality research papers, reviews and comment and reply papers. The scope of the journal is diverse and is especially strong in organismal biology. **Find out more about *Proceedings B*.**

Editor: Professor Michael P Hassell FRS

Impact Factor 2010: 5.064

Average receipt to acceptance time: 30 days

Citation: *Proc. R. Soc. B*

Frequency: Every two weeks in print; [Firstcite online weekly](#)

 [Citation Metrics](#)

 [Editorial Board](#)

 [RSS Feeds](#)

 [Submit Now](#)

 [Alerts](#)

Search Proceedings B

[Advanced »](#)

- ▶ Latest *FirstCite*® Content
- ▶ About *Proceedings B*
- ▶ Author Information
- ▶ Publishing Policies
- ▶ Referee Information
- ▶ Purchasing Information
- ▶ Subject Collections
- ▶ Publishing Podcasts
- ▶ Permission Requests
- ▶ Recommend to your library
- ▶ Contact Information
- ▶ FAQs

Current Issue

Latest FirstCite Content →

What's this?

- ▶ Invited reply. Rain and photoperiod affect departure
- ▶ Permo-Triassic tetrapod diversity
- ▶ Fertility and BRCA1 and BRCA2 mutations
- ▶ Comment. Environmental cues and spring departure
- ▶ Editorial 2012

Free Content →

All *Proceedings B* content is FREE to access after one year, back to 2001.

- ▶ This week's highlighted articles
- ▶ Latest free issue - 22 Oct 2010
- ▶ *EXiS Open Choice* articles
- ▶ Review articles
- ▶ Geographic range limits Issue
- ▶ Chinese Palaeontology Issue

Featured Topics →

- ▶ Latest News - 26 October
- ▶ Most-read articles - Sep 2011
- ▶ 2010's Most cited & downloaded
- ▶ Top referees in 2010
- ▶ Faculty of 1000 - September 2011
- ▶ Special Feature: Miniature brains
- ▶ *Proceedings B* - 准备文章
- ▶ Chinese Premier & *Proceedings B*
- ▶ Get Interactive!

Royal Society Publishing

- ▶ Other Journals
- ▶ Author Information
- ▶ News
- ▶ Manage your Account
- ▶ Conferences

Social Networking

[facebook](#)

[twitter](#)

[Royal Society Homepage](#)

Spread the word
download a poster



BioMed Central
The Open Access Publisher

ADVERTISEMENT

[Log on](#)

BioMed Central

[Journals](#)

[Gateways](#)



BIOLOGY DIRECT

IMPACT
FACTOR
3.74

Search

for

[Go](#)

[Advanced Search](#)

[Home](#)

[Articles](#)

[Authors](#)

[Reviewers](#)

[About this journal](#)

[My Biology Direct](#)

Biology Direct serves the life science research community as an open access, peer-reviewed online journal, providing authors and readers with an alternative to the traditional model of peer review. *Biology Direct* considers original research articles, hypotheses, comments, discovery notes and reviews in selected subject areas, and will eventually cover the full spectrum of biology.

Subject areas already launched include:

- Genomics, Bioinformatics and Systems Biology - Edited by Eugene Koonin, Laura Landweber, & David Lipman.
- Immunology - Edited by Neil S Greenspan & David R Kaplan.
- Mathematical Biology - Edited by Marek Kimmel.

[Instructions for authors](#) [FAQ](#)

Editors-in-Chief

Eugene Koonin, NCBI, NLM, NIH

Laura Landweber, Princeton University

David Lipman, NCBI, NLM, NIH

[Editorial Board](#)

Articles

[Latest](#) [Most viewed](#)

[Research](#)

[Open Access](#)

Evolution of milk proteins in mammals



[Submit a
manuscript](#)

[Register](#)

[Sign up for article
alerts](#)

ADVERTISEMENT

Unique model of peer review

Biology Direct offers a [novel system of peer review](#), allowing authors to select suitable reviewers from the journal's [Editorial Board](#); making the peer-review process open rather than anonymous; and making the reviewers' reports public, thus increasing the responsibility of the referees and eliminating sources of abuse in the refereeing process.

Selected articles
from
**BMC Biology,
BMC Medicine &
Genome Medicine**

**Guest & Consulting
Editors:**
Stuart H Orkin &
Arthur D Lander

Ebook on
Frontiers in Medicinal Chemistry



[Click here for details](#)

Current Bioinformatics

ISSN: 1574-8936
eISSN: 2212-392X

Volume 6, 4 Issues, 2011

[View Related Ebooks](#)

[Recommend to Librarian/Colleague](#)

[Online Store](#)

Aims & Scope

Current Bioinformatics aims to publish all the latest and outstanding developments in bioinformatics. Each issue contains a series of time in-depth reviews, drug clinical trial studies and guest edited thematic issues written by leaders in the field, covering a wide range of integration of biology with computer and information science.

The journal focuses on reviews on advances in computational molecular/structural biology, encompassing areas such as computing, biomedicine and genomics, computational proteomics and systems biology, and metabolic pathway engineering. Developments in these fields have direct implications on key issues related to health care, medicine, genetic disorders, development of agricultural products, renewable energy, environmental protection, etc.

Current Bioinformatics is an essential journal for all academic and industrial researchers who want expert knowledge on all major advances in bioinformatics.



genes

Title / Keyword Journal Volume
 Author Section Issue
 Article Type Special Issue Page

Clear

Search



sciforum
electronic conferences
for scholars

Genes

- Genes Home
- Aims & Scope
- Indexing & Abstracting
- Instructions for Authors
- Publication Fees
- Special Issues
- Editorial Board

E-Mail Alert

- Add your e-mail address to receive forthcoming issues of this journal:

Subscribe

Journal Browser

- Forthcoming Issue
- Current Issue
- Vol. 2 (2011)
- Vol. 1 (2010)

Genes — Open Access Journal

Genes (ISSN 2073-4425), an open access journal of genetics and genomics, is published by MDPI online quarterly.

- **OPEN ACCESS** - free for readers, with low publishing fees paid by authors or their institutions.
- **Rapid publication:** accepted papers are immediately published online.

[Full Imprint Information](#) | [Download Journal Flyer](#)

Journal Contact

MDPI AG
 Genes Editorial Office
 Postfach, CH-4005 Basel, Switzerland
 E-Mail: genes@mdpi.com
 Tel. +41 61 683 77 34; Fax: +41 61 302 89 18
[Click here to see the full Editorial Board](#)
[Click here to see Contact Details](#)

Latest Publications

News & Announcements [1]

Conferences & Events [2]

OPEN ACCESS

Rafael A. Baraúna , Alessandra Ciprandi , Agenor V. Santos , Marta S.P. Carepo , Evonnildo C. Gonçalves , Maria P.C. Schneider and Artur Silva

*Article: Proteomics Analysis of the Effects of Cyanate on *Chromobacterium violaceum* Metabolism*

Genes **2011**, *2*(4), 736-747; doi:10.3390/genes2040736 - published online 19 October 2011

[Show/Hide Abstract](#)

OPEN ACCESS

Saul Burdman , Ofir Bahar , Jennifer K. Parker and Leonardo De La Fuente

Review: Involvement of Type IV Pili in Pathogenicity of Plant Pathogenic Bacteria

Genes **2011**, *2*(4), 706-735; doi:10.3390/genes2040706 - published online 18 October 2011

[Show/Hide Abstract](#)

OPEN ACCESS

Jeffrey A. Kimbrel , Yanming Di , Jason S. Cumble and Jeff H. Chang

Review: RNA-Seq for Plant Pathogenic Bacteria

Genes **2011**, *2*(4), 689-705; doi:10.3390/genes2040689 - published online 13 October 2011

[Show/Hide Abstract](#)

OPEN ACCESS

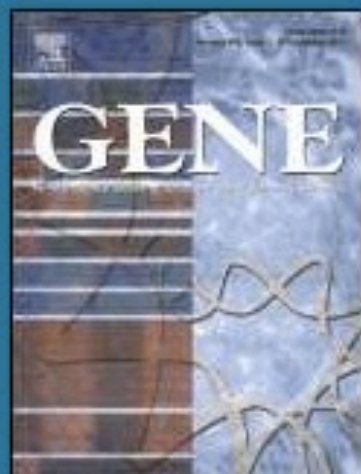
E. James Milner-White and Michael J. Russell

Article: Functional Capabilities of the Earliest Peptides and the Emergence of Life

Genes **2011**, *2*(4), 671-688; doi:10.3390/genes2040671 - published online 26 September 2011

[Show/Hide Abstract](#)

OPEN ACCESS



Gene

An International Journal of Functional and Evolutionary Genomics

!!! Important information for NIH authors !!!

Sponsored Articles

Gene offers authors the option to sponsor non-subscriber access to their articles on Elsevier's electronic publishing platforms. For more information please view our [Sponsored Articles page](#).

GENE publishes papers that focus on the regulation, expression, function and evolution of genes in all biological contexts, including all prokaryotic and eukaryotic organisms, as well as viruses.

GENE...

[View full aims and scope](#)

Editor-in-Chief: A.J. van Wijnen

[View full editorial board](#)



[Guide for Authors](#)

[Submit Your Paper](#)

[Track Your Paper](#)

[Order Journal](#)

[Access Full Text](#)



Impact Factor:
2.266

5-Year Impact Factor:
2.610

Imprint: ELSEVIER

ISSN: 0378-1119

Recent Articles

ScienceDirect

Semaphorin-plexin signalling genes associated with human breast tumourigenesis

P.N. Gabrovska | R.A. Smith | ...

Molecular characterization of genes encoding trypsin-like enzymes from *Aedes aegypti*
Ismael and Identification of digestive

Most Read Articles

ScienceDirect

Four new derivatives of the broad-host-range cloning vector pBBR1MCS, carrying different antibiotic-resistance cassettes

Michael E. Kovach | Philip H. Elzer | ...

Acetylation and deacetylation of non-histone proteins

Journal

[VOL.11, 2011 SHINKA](#)

Members

[Introduce](#)

What's New

- Journal SHINKA VOL.11. will be published in April 2011.
- SHINKA Homepage was open in December 20th, 2010.

Members

Masakado Kawata Professor



Department of Ecology and Evolutionary Biology
Graduate School of Life Sciences Tohoku University

Nobuhiro Minaka Senior Fellow



National Institute for Agro-Environmental Sciences

Masaki Miya Senior Fellow



National History Museum and Institute, Chiba

Naruya Saitou



Professor, Division of Population Genetics, National Institute of Genetics
Professor, Dept. Genetics, Graduate University for Advanced Studies (concurrent)
Professor, Dept. Biological Sciences, Graduate School of Science, The University of Tokyo (concurrent)
Member, Japan Science Council (concurrent)

Yoko Satta Professor



Department of Evolutionary Studies of Biosystems
The Graduate University for Advanced Studies (Sokendai)

Kaichiro Tamura Professor



Department of Biological Sciences
Tokyo Metropolitan University

Shintaro Ueda Professor



Department of Biological Sciences
Graduate School of Science, The University of Tokyo

どのようにして雑誌を運営するのか

0. WebPageを立ち上げて論文をつのる
 1. 著者が論文を投稿する
 2. 一定期間編集委員のあいだで論文を閲覧する
 3. 査読する価値なし/あり → 却下/査読
 4. 査読の結果、却下/受理
 5. 受理された論文を公開用に編集
 6. 編集済みの論文を雑誌WebPageで公開
 7. 掲載された論文のダウンロード数、引用数などの統計を雑誌WebPageで公開

雑誌運営の具体策；神は細部に宿る

- 論文は電子媒体のみ、オープンアクセスのみとする
- 論文の体裁は横長とする（PCで読みやすいように）
- 論文投稿は当分メール経由とする（将来はウェブを開発）
- 使用言語は基本的に科学英語（日常英語とは異なる）
- 編集委員数は当初の7名から数十名に増加する予定
- 学会とは無関係
- 著者のメールアドレスは公開しない（依頼があれば教える）
- 問題の多いIFにかわる別の指標を導入する（将来の課題）
- 原著論文以外に、総説、書評や会議報告など多彩にする
- 巻数とページ数はつけるが、号番号はなしとする
- 複数の自動バックアップシステムを用意する