

Base Composition

[View the current Base Composition InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Base_Composition.html)

(http://www.bioportfolio.com/indepth/Base_Composition.html)



Recent Publications on Base Composition:

- [Maxicircle \(mitochondrial\) genome sequence \(partial\) of Leishmania major: Gene content, arrangement and composition compared with Leishmania tarentolae.](#)
*We report 8420 bp of DNA sequence data from the maxicircle (mitochondrial)...*23rd August, 2008
Department of Environmental Health Sciences, Kochi Medical School, Oko,- Gene. 2008 Jul 30. ([DOI Direct Link](#))
- [Direct estimation of the mitochondrial DNA mutation rate in Drosophila melanogaster.](#)
Mitochondrial DNA (mtDNA) variants are widely used in evolutionary...22nd August, 2008
Institute of Evolutionary Biology, School of Biological Sciences,- PLoS Biol. 2008 Aug 19;6(8):e204. ([DOI Direct Link](#))
- [The complete mitochondrial genome of the bag-shelter moth Ochrogaster lunifer \(Lepidoptera, Notodontidae\).](#)
BACKGROUND: Knowledge of animal mitochondrial genomes is very important to...20th August, 2008
Department of Public Health, Comparative Pathology and Veterinary Hygiene,- BMC Genomics. 2008 Jul 15;9:331. ([DOI Direct Link](#))
- [The complete mitochondrial genome of the Antarctic springtail Cryptopygus antarcticus \(Hexapoda: Collembola\).](#)
BACKGROUND: Mitogenomics data, i.e. complete mitochondrial genome...20th August, 2008
Department of Evolutionary Biology, University of Siena, Via A, Moro 2,- BMC Genomics. 2008 Jul 1;9:315. ([DOI Direct Link](#))
- [The linear chromosome of the plant-pathogenic mycoplasma 'Candidatus Phytoplasma mali'.](#)
BACKGROUND: Phytoplasmas are insect-transmitted, uncultivable bacterial...20th August, 2008
Max Planck Institute for Molecular Genetics, Ihnestr, 63, D-14195 Berlin,- BMC Genomics. 2008 Jun 26;9:306. ([DOI Direct Link](#))
- [Roseomonas stagni sp. nov., isolated from pond water in Japan.](#)
BACKGROUND: Animal mitochondrial (mt) genomes are characteristically...16th August, 2008
School of Life and Environmental Science, Azabu University, Kanagawa,- J Gen Appl Microbiol. 2008 Jun;54(3):167-71.
- [Compositional properties and thermal adaptation of 18S rRNA in vertebrates.](#)
In order to investigate the influence of temperature on the GC level of...13th August, 2008
Laboratory of Molecular Evolution, Stazione Zoologica Anton Dohrn, 80121- RNA. 2008 Aug;14(8):1492-500. Epub 2008 Jun 20. ([DOI Direct Link](#))
- [Rhodobacter megalophilus sp. nov., a phototroph from the Indian Himalayas possessing a wide temperature range for growth.](#)

- Two strains of phototrophic, purple non-sulfur bacteria capable of growing...* 5th August, 2008
Bacterial Discovery Laboratory, Centre for Environment, IST, JNT- Int J Syst Evol Microbiol. 2008
Aug;58(Pt 8):1792-6. ([DOI Direct Link](#))
- [A fragmented metazoan organellar genome: the two mitochondrial chromosomes of *Hydra magnipapillata*.](#)
BACKGROUND: Animal mitochondrial (mt) genomes are characteristically... 29th July, 2008
Courant Research Center Geobiology, Georg-August-Universitat Gottingen,- BMC Genomics. 2008 Jul
26;9:350. ([DOI Direct Link](#))
 - [ORF organization and gene recognition in the yeast genome.](#)
*Some rules on gene recognition and ORF organization in the *Saccharomyces*...* 17th July, 2008
Laboratory of Theoretical Biophysics Faculty of Science and Technology- Comp Funct Genomics.
2003;4(3):318-28. ([DOI Direct Link](#))
 - [Sequence segmentation.](#)
Whole-genome comparisons among mammalian and other eukaryotic organisms... 9th July, 2008
School of Mathematical Sciences, Queensland University of Technology,- Methods Mol Biol.
2008;452:207-29. ([DOI Direct Link](#))
 - [Molecular cloning and sequence analysis of the duck enteritis virus UL5 gene.](#)
Duck enteritis virus (DEV) is a herpesvirus that causes an acute,... 28th June, 2008
Institute of Applied Ecology, Chinese Academy of Sciences, Shenyang- Virus Res. 2008
Sep;136(1-2):152-6. Epub 2008 Jun 11. ([DOI Direct Link](#))
 - [In Silico Prediction of the Origin of Replication among Bacteria: A Case Study of *Bacteroides thetaiotaomicron*.](#)
Abstract The initiation of chromosomal replication occurs only once during... 28th June, 2008
Evolutionary Genomics Group, Department of Biochemistry and Biotechnology,- OMICS. 2008 Jun 26.
([DOI Direct Link](#))
 - [Microsatellites that violate Chargaff's second parity rule have base order-dependent asymmetries in the folding energies of complementary DNA strands and may not drive speciation.](#)
Models for meiotic recombination based on Crick's "unpairing postulate"... 27th June, 2008
Institute of Life Sciences, Jiangsu University, Zhenjiang, Jiangsu 212013,- J Theor Biol. 2008 Sep
7;254(1):168-77. Epub 2008 May 22. ([DOI Direct Link](#))
 - [The complete mitogenome of the Chinese bush cricket, *Gampsocleis gratiosa* \(Orthoptera: Tettigoniidae\).](#)
*The complete mitochondrial genome (mitogenome) of *Gampsocleis gratiosa* was...* 24th June, 2008
College of Life Science, Shaanxi Normal University, Xi'an, China.- J Genet Genomics. 2008
Jun;35(6):341-8. ([DOI Direct Link](#))

BioNews Results for Base Composition

- [Pharmaceutical, Nutraceutical, Dietetic and Nutritional Compositions Based on Vegetable Fibres 'border='0' sr](#)
Flex News: Aug 13 2008 12:04AM Matching: base composition
- [Anxiety Disorders in Later Life](#)
Consultant Live: Aug 11 2008 9:17AM Matching: base composition
- [Orexigen Therapeutics Receives Notice of Allowance for U.S. Patent Covering the Composition of Matter in OREX-](#)
Pharmalife.com: Jul 30 2008 3:17AM Matching: base composition
- [OREXIGEN\(R\) Therapeutics Receives Notice of Allowance for U.S. Patent Covering the Composition of Matter in OR](#)
KOTA Territory News: Jul 29 2008 1:52PM Matching: base composition

- [Orexigen Therapeutics Receives Notice of Allowance for U.S. Patent Covering the Composition of Matter in OREX-](#)
Pharma Live: Jul 29 2008 6:13PM Matching: base composition
- [CDC Observes Reduction in Rotavirus Disease After the Introduction of ROTATEQ\(R\), Merck's Rotavirus Vaccine](#)
Stockwatch: Jun 25 2008 7:01PM Matching: base composition

Base Composition Patents:



- 7407759- [Genetic alterations associated with prostate cancer](#)
- 7408042- [Anti-PRO6181 antibodies](#)
- 7408047- [Fibroblast growth factor-like polypeptides](#)
- 7408100- [Method of controlling character of monocotyledon by modification and/or overexpression of cytochrome P450 monooxygenase gene involved in brassinosteroid biosynthesis and monocotyledon modified by the gene](#)
- 7410506- [Dicationic bis-hydrazone compound, dye composition comprising at least one such compound, implementation process therefor and uses thereof](#)
- 7410610- [Method for producing a titanium metallic composition having titanium boride particles dispersed therein](#)
- 7410772- [Compositions and methods for treatment of non-Hodgkin's lymphoma](#)
- 7410787- [Diagnosis of Whipple's disease](#)
- 7410795- [Codon-optimized polynucleotide-based vaccines against human cytomegalovirus infection](#)
- 7410926- [Polymerization process using a supported, treated catalyst system](#)
- 7410944- [Depression gene](#)
- 7408035- [PRO9864 polypeptides](#)
- 7408034- [PRO20025 polypeptides](#)
- 7408033- [PRO5995 polypeptides](#)
- 7407763- [Systems and methods for detecting and regulating metastasis](#)
- 7407782- [Nucleic acid detection compositions](#)
- 7407784- [L-amino acid oxidase with cytotoxic activity from Aplysia punctata](#)
- 7407786- [Lipase genes](#)
- 7407790- [Recombinant double-stranded RNA phages and uses thereof](#)
- 7407804- [Human genes relating to respiratory diseases and obesity](#)
- 7407805- [Skin substitutes with improved barrier function](#)
- 7407944- [Modulation of immunostimulatory properties of oligonucleotide-based compounds by optimal presentation of 5' ends](#)
- 7408003- [Pigmented polymer composition](#)
- 7408032- [PRO1188 polypeptides](#)
- 7411037- [Polypeptides encoded by a nucleic acid underexpressed in melanoma](#)
- 7411040- [PRO6182 polypeptides](#)
- 7416868- [Polyene polyketides, processes for their production and their use as a pharmaceutical](#)
- 7416870- [Methods of directing C-O bond formation utilizing a type II polyketide synthase system](#)
- 7417000- [Pre-moistened wipe comprising polymeric biguanide for treating a surface](#)
- 7417019- [Hollow body with a compartment, containing a portion of a washing, cleaning or rinsing agent](#)

- 7417026- [Mobilization of hematopoietic cells](#)
- 7417115- [PRO6027 polypeptides](#)
- 7417116- [PRO7155 polypeptides](#)
- 7417123- [PRO4399 Antibodies](#)
- 7417125- [Antibodies that bind a PRO1158 polypeptide](#)
- 7417126- [PRO246 antibodies](#)
- 7416849- [HBM variants that modulate bone mass and lipid levels](#)
- 7416821- [Thermally cured undercoat for lithographic application](#)
- 7416724- [Diagnosis and treatment of diseases arising from defects in the tuberous sclerosis pathway](#)
- 7411047- [PRO6097 antibodies](#)
- 7411055- [Attractin/mahogany-like polypeptides, polynucleotides, antibodies and methods of use thereof](#)
- 7413537- [Directed evolution of disulfide-bonded micro-proteins](#)
- 7413603- [Fiberboard with improved water resistance](#)
- 7413852- [Multiplexed diagnostic and therapeutics](#)
- 7413864- [Treating cancer using a telomerase vaccine](#)
- 7414112- [Antibodies to PRO1550 polypeptides](#)
- 7414115- [Length determination of nucleic acid repeat sequences by discontinuous primer extension](#)
- 7414122- [Nucleic acids encoding B7-Like molecules and uses thereof](#)
- 7415358- [Molecular toxicology modeling](#)
- 7417133- [Methods for obtaining thermostable enzymes, DNA polymerase I variants from Thermus aquaticus having new catalytic activities, methods for obtaining the same, and applications of the same](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Wessex Barn, Dorchester Road, Frampton, Dorset, DT2 9NB, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2008 - BioPortfolio Limited.

