

Integrated Genomics Incorporated

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Genome analysis: contract DNA sequencing and bioinformatics analysis of genome and EST projects. Includes functional annotation for ORFs and metabolic reconstruction of entire genomes. The bioinformatics software package WIT Pro with a database of 250 annotated genomes (public and sequenced in house). Metabolic modeling for industrial applications such as targets for new antibiotics and strain improvement. Functional microbial genomics: gene knockouts, microarray-based expression analysis, targets for novel anti-infectives

Recent Publications by Integrated Genomics Incorporated:



- [The impact of altered polyprotein ratios on the assembly and infectivity of Mason-Pfizer monkey virus.](#)
Most retroviruses employ a frameshift mechanism during polyprotein... 24th February, 2009
Department of Biochemistry and Microbiology and the Center for Integrated- Virology. 2009 Feb 5;384(1):59-68. Epub 2008 Dec 4. ([DOI Direct Link](#))
- [Segmental Trisomy of Mouse Chromosome 17: Introducing an Alternative Model of Down's Syndrome.](#)
All of the mouse models of human trisomy 21 syndrome that have been... 17th July, 2008
Institute of Molecular Genetic Academy of Sciences of the Czech Republic- Comp Funct Genomics. 2003;4(6):647-52. ([DOI Direct Link](#))
- [A new mutation within the porphobilinogen deaminase gene leading to a truncated protein as a cause of acute intermittent porphyria in an extended Indian family.](#)
Based on Internet search, we were contacted by a 50-year-old man suffering... 17th January, 2008
Department of Pediatrics and Center for Integrated Genomics, Charles- Folia Biol (Praha). 2007;53(6):194-201.
- [Multimerization of the p12 domain is necessary for Mason-Pfizer monkey virus Gag assembly in vitro.](#)
Mason-Pfizer monkey virus (M-PMV) Gag protein contains a domain p12 that... 28th September, 2007

- Department of Biochemistry and Microbiology and Center for Integrated- Virology. 2007 Sep 1;365(2):260-70. Epub 2007 May 9. ([DOI Direct Link](#))
- [Moving to a higher level of abstraction.](#)
*Mason-Pfizer monkey virus (M-PMV) Gag protein contains a domain p12 that...*3rd July, 2007 Integrated Genomics, Inc., Chicago, IL, USA.- Environ Microbiol. 2007 Jan;9(1):7-8. ([DOI Direct Link](#))
 - [p38 mitogen-activated protein kinase plays an inhibitory role in hepatic lipogenesis.](#)
*Hepatic lipogenesis is the principal route to convert excess carbohydrates...*27th March, 2007 Endocrine Biology Program, Center for Integrated Genomics, The Hamner- J Biol Chem. 2007 Feb 16;282(7):4975-82. Epub 2006 Dec 17. ([DOI Direct Link](#))
 - [Growth of Escherichia coli MG1655 on LB medium: determining metabolic strategy with transcriptional microarrays.](#)
*Expression profiles of genes related to stress responses, substrate...*29th September, 2006 Integrated Genomics Incorporated, Chicago, IL 60612, USA.- Appl Microbiol Biotechnol. 2006 Jul;71(3):323-8. Epub 2006 Apr 28. ([DOI Direct Link](#))
 - [Growth of Escherichia coli MG1655 on LB medium: monitoring utilization of sugars, alcohols, and organic acids with transcriptional microarrays.](#)
*Microorganisms respond to environmental changes by reprogramming their...*29th September, 2006 Integrated Genomics, Inc., Chicago, IL 60612, USA.- Appl Microbiol Biotechnol. 2006 Jul;71(3):310-6. Epub 2006 Apr 21. ([DOI Direct Link](#))
 - [Growth of Escherichia coli MG1655 on LB medium: monitoring utilization of amino acids, peptides, and nucleotides with transcriptional microarrays.](#)
*Analysis of gene expression data related to assimilation and biosynthesis...*29th September, 2006 Integrated Genomics Inc, Chicago, IL 60612, USA.- Appl Microbiol Biotechnol. 2006 Jul;71(3):317-22. Epub 2006 Mar 31. ([DOI Direct Link](#))
 - [Global transcriptome analysis of the C57BL/6J mouse testis by SAGE: evidence for nonrandom gene order.](#)
*BACKGROUND: We generated the gene expression profile of the total testis...*2nd May, 2006 Institute of Molecular Genetics, Academy of Sciences of the Czech Republic- BMC Genomics. 2005 Mar 5;6(1):29. ([DOI Direct Link](#))
 - [Comparative genome analysis of Bacillus cereus group genomes with Bacillus subtilis.](#)
*Genome features of the Bacillus cereus group genomes (representative...*13th January, 2006 Integrated Genomics, 2201 W. Campbell Park Dr., Chicago, IL 60612, USA.- FEMS Microbiol Lett. 2005 Sep 15;250(2):175-84. ([DOI Direct Link](#))
 - [Development of cytochrome-c oxidase activity in rat heart: downregulation in newborn rats.](#)
*Cytochrome-c oxidase (COX) activity of the rat heart was two- to sevenfold...*5th November, 2005 Center for Integrated Genomics, Academy of Sciences of the Czech Republic,- Cell Biochem Biophys. 2005;43(1):87-94. ([DOI Direct Link](#))
 - [The Rhodobacter capsulatus genome.](#)
*The genome of Rhodobacter capsulatus has been completely sequenced. It...*18th October, 2005 Integrated Genomics, Inc., 2201 West Campbell Park Drive, Chicago, IL,- Photosynth Res. 2001;70(1):43-52. ([DOI Direct Link](#))
 - [Omega-3 PUFA of marine origin limit diet-induced obesity in mice by reducing cellularity of adipose tissue.](#)
*Omega-3 PUFA of marine origin reduce adiposity in animals fed a high-fat...*15th June, 2005 Department of Adipose Tissue Biology and Centre for Integrated Genomics,- Lipids. 2004 Dec;39(12):1177-85.

Press Releases on Integrated Genomics Incorporated:

[Nation's Largest Network of Doctors Specializing in Bioidentical Hormones Grows at an Exponential Rate](#)

25th November, 2009 BodyLogicMD

BOCA RATON, Fla., Nov. 25 /PRNewswire/ -- For many businesses, 2009 has been a painful year. Not so for BodyLogicMD. The nation's largest and fastest growing network of expert physicians

[Reportlinker Adds Blood Banking and Blood Products - Global Market Perspective](#)

25th November, 2009 Reportlinker

NEW YORK, Nov. 25 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue: Blood Banking and Blood Products - Global Market Perspective <http://www>

[Quest Diagnostics To Speak At The 21st Annual Piper Jaffray Healthcare Conference](#)

24th November, 2009 Quest Diagnostics

MADISON, N.J., Nov. 24 /PRNewswire-FirstCall/ -- Quest Diagnostics Incorporated (NYSE: DGX), the world's leading provider of diagnostic testing, information and services, announced that it is

[Integrated Electrical Services Awarded Contract to Provide Electrical Systems for U.S. Army Medical Research Institute of Infectious Diseases](#)

24th November, 2009 Integrated Electrical Services

HOUSTON, Nov. 24 /PRNewswire-FirstCall/ -- IES (Nasdaq: IESC), a leading national provider of electrical and communications systems and services for the commercial, industrial and residential markets,

[Chindex International to Present at Piper Jaffray Health Care Conference](#)

24th November, 2009 Chindex International, Inc.

BETHESDA, Md., Nov. 24 /PRNewswire-Asia/ -- Chindex International, Inc. ("Chindex") (Nasdaq: CHDX), a leading independent American provider of Western healthcare products and services in

BioNews Results for Integrated Genomics Incorporated



- [Interactive 3D Visualisations Of Biological Molecules Integrated Into The Scholarly Literature](#)
Medical News Today: Oct 21 2009 8:43AM Matching: integrated genomics
- [Research and Markets: CEO 360 Degree Perspective: Global Pharmaceuticals & Biotechnology - Now Available](#)

Business Wire via Yahoo!: Oct 12 2009 1:53PM Matching: integrated genomics

- [Research and Markets: CEO 360 Degree Perspective: Global Pharmaceuticals & Biotechnology - Now Available](#)

Business Wire via Yahoo!: Oct 12 2009 1:52PM Matching: integrated genomics

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