

Carbon-Nitrogen Ligases Ec 6.3

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Recent Publications on Carbon-Nitrogen Ligases Ec 6.3:



- [Fingerprinting the genetic diversity of the biotin carboxylase gene \(*accC*\) in aquatic ecosystems as a potential marker for studies of carbon dioxide assimilation in the dark.](#)
*We designed and tested a set of specific primers for specific PCR...*7th November, 2008
Group of Limnology-Department of Continental Ecology. Centre d'Estudis- Environ Microbiol. 2008 Oct;10(10):2527-36. Epub 2008 Jun 28. ([DOI Direct Link](#))
- [Human cytidine triphosphate synthetase 1 interacting proteins.](#)
*We investigated the interacting proteins and intracellular localization of...*31st October, 2008
Department of Pharmacology, University of North Carolina at Chapel Hill,- Nucleosides Nucleotides Nucleic Acids. 2008 Jun;27(6):850-7. ([DOI Direct Link](#))
- [Use of protein biotinylation in vivo for immunoelectron microscopic localization of a specific protein isoform.](#)
*Tagging of proteins in vivo by covalent attachment of a biotin moiety has...*28th October, 2008
Universite Paris-Sud 11, CNRS, Interactions Moleculaires et Cancer UMR- J Histochem Cytochem. 2008 Oct;56(10):911-9. Epub 2008 Jun 23. ([DOI Direct Link](#))
- [A channel connecting the mother cell and forespore during bacterial endospore formation.](#)
*At an early stage during Bacillus subtilis endospore development the...*25th October, 2008
Department of Microbiology and Immunology, Emory University School of- Proc Natl Acad Sci U S A. 2008 Sep 30;105(39):15100-5. Epub 2008 Sep 23. ([DOI Direct Link](#))
- [Noncovalent immobilization of streptavidin on in vitro- and in vivo-biotinylated bacterial magnetic particles.](#)
*Biotinylated magnetic nanoparticles were constructed by displaying biotin...*20th September, 2008
Department of Biotechnology, Tokyo University of Agriculture and- Appl Environ Microbiol. 2008 Aug;74(16):5139-45. Epub 2008 Jun 20. ([DOI Direct Link](#))
- [Structure, mechanism and regulation of pyruvate carboxylase.](#)
*PC (pyruvate carboxylase) is a biotin-containing enzyme that catalyses the...*9th September, 2008
Department of Biochemistry, Faculty of Science, Mahidol University,- Biochem J. 2008 Aug 1;413(3):369-87. ([DOI Direct Link](#))
- [Protein-protein interaction detection in vitro and in cells by proximity biotinylation.](#)
*We investigated the interacting proteins and intracellular localization of...*3rd September, 2008
Department of Chemistry, Massachusetts Institute of Technology, 77- J Am Chem Soc. 2008 Jul 23;130(29):9251-3. Epub 2008 Jun 27. ([DOI Direct Link](#))
- [Influence of MTHFR and RFC1 polymorphisms on toxicities during maintenance chemotherapy for childhood acute lymphoblastic leukemia or lymphoma.](#)

We investigated preliminarily whether methylenetetrahydrofolate reductase... 8th August, 2008
Department of Pediatrics, Keio University School of Medicine, Shinjuku-ku,- J Pediatr Hematol Oncol.
2008 May;30(5):347-52. ([DOI Direct Link](#))

- [RAPIDO: a web server for the alignment of protein structures in the presence of conformational changes.](#)

Rapid alignment of proteins in terms of domains (RAPIDO) is a web server... 5th August, 2008
IFOM, the FIRC Institute for Molecular Oncology Foundation, Via Adamello- Nucleic Acids Res. 2008
Jul 1;36(Web Server issue):W42-6. Epub 2008 May 6. ([DOI Direct Link](#))

- [Prevalence and effects of gene-gene and gene-nutrient interactions on serum folate and serum total homocysteine concentrations in the United States: findings from the third National Health and Nutrition Examination Survey DNA Bank.](#)

BACKGROUND: Abnormalities of folate and homocysteine metabolism are... 1st August, 2008
National Center on Birth Defects and Developmental Disabilities, Centers- Am J Clin Nutr. 2008
Jul;88(1):232-46.

- [Theanine production by coupled fermentation with energy transfer using gamma-glutamylmethylamide synthetase of *Methylovorus mays* No. 9.](#)

*Gamma-glutamylmethylamide synthetase (GMAS) of *Methylovorus mays* No. 9...* 30th July, 2008
Department of Chemistry, Kyorin University School of Medicine, Mitaka,- Biosci Biotechnol Biochem.
2008 May;72(5):1206-11. Epub 2008 May 7.

- [Targeting and purification of metabolically biotinylated baculovirus.](#)

Targeting viral entry is one of the major goals in the development of... 23rd July, 2008
Department of Biotechnology and Molecular Medicine, A.I. Virtanen- Hum Gene Ther. 2008
Jun;19(6):589-600. ([DOI Direct Link](#))

- [Crystallization and preliminary X-ray diffraction analysis of biotin acetyl-CoA carboxylase ligase \(BirA\) from *Mycobacterium tuberculosis*.](#)

The gene encoding biotin acetyl-CoA carboxylase ligase (BirA) from... 4th July, 2008
Department of Biochemistry, University of Delhi South Campus, Benito- Acta Crystallogr Sect F Struct
Biol Cryst Commun. 2008 Jun 1;64(Pt ([DOI Direct Link](#)))

- [Purification, crystallization and preliminary crystallographic analysis of biotin protein ligase from *Staphylococcus aureus*.](#)

*Biotin protein ligase from *Staphylococcus aureus* catalyses the...* 4th July, 2008
School of Molecular and Biomedical Sciences, University of Adelaide, North- Acta Crystallogr Sect F
Struct Biol Cryst Commun. 2008 Jun 1;64(Pt ([DOI Direct Link](#)))

- [Kinetic partitioning between alternative protein-protein interactions controls a transcriptional switch.](#)

Proteins can perform completely distinct functions in response to the... 26th June, 2008
Department of Chemistry and Biochemistry, Center for Biological Structure- J Mol Biol. 2008 Jun
27;380(1):223-36. Epub 2008 May 3. ([DOI Direct Link](#))

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