

Base Pair Mismatch

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- [Effects of N2,N2-dimethylguanosine on RNA structure and stability: crystal structure of an RNA duplex with tandem m2 2G:A pairs.](#)
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Department of Biochemistry, School of Medicine, Vanderbilt University,- RNA. 2008 Oct;14(10):2125-35. Epub 2008 Sep 4. ([DOI Direct Link](#))
- [Thermodynamic characterization of naturally occurring RNA single mismatches with G-U nearest neighbors.](#)
Due to their prevalence and roles in biological systems, single mismatches... 4th October, 2008
Department of Chemistry, Saint Louis University, Saint Louis, Missouri- Biochemistry. 2008 Sep 23;47(38):10178-87. Epub 2008 Aug 29. ([DOI Direct Link](#))
- [Timing and deciphering mitochondrial DNA macro-haplogroup R0 variability in Central Europe and Middle East.](#)
BACKGROUND: Nearly half of the West Eurasian assemblage of human... 3rd October, 2008
Institute of Legal Medicine, Innsbruck Medical University, Innsbruck,- BMC Evol Biol. 2008 Jul 4;8:191. ([DOI Direct Link](#))
- [The enhanced DNA replication fidelity of a mutant herpes simplex virus type 1 DNA polymerase is mediated by an improved nucleotide selectivity and reduced mismatch extension ability.](#)
We previously demonstrated that a recombinant herpes simplex virus... 30th September, 2008
Department of Microbiology and Immunology, State University of New York,- J Virol. 2008 Sep;82(17):8937-41. Epub 2008 Jul 2. ([DOI Direct Link](#))
- [Postglacial colonisation patterns and the role of isolation and expansion in driving diversification in a passerine bird.](#)
Pleistocene glacial cycles play a major role in diversification and... 25th September, 2008
Department of Animal Ecology, Lund University, Ecology Building, Lund,- PLoS ONE. 2008 Jul 30;3(7):e2794. ([DOI Direct Link](#))
- [Time-resolved fluorescent properties of 8-vinyl-deoxyadenosine and 2-amino-deoxyribosylpurine exhibit different sensitivity to their opposite base in duplexes.](#)
8-Vinyl-deoxyadenosine (8VA) has been recently introduced as a fluorescent... 23rd September, 2008
Photophysique des Interactions Biomoléculaires, UMR 7175 CNRS, Institut- J Phys Chem B. 2008 Aug 14;112(32):9736-45. Epub 2008 Jul 23. ([DOI Direct Link](#))
- [Selective recognition of pyrimidine-pyrimidine DNA mismatches by distance-constrained macrocyclic bis-intercalators.](#)
Binding of three macrocyclic bis-intercalators, derivatives of acridine... 17th September, 2008

- Institute of Organic Chemistry, RWTH Aachen University, Landoltweg 1,- Nucleic Acids Res. 2008 Sep;36(15):5000-12. Epub 2008 Jul 25. ([DOI Direct Link](#))
- [Comparison of the mismatch-specific endonuclease method and denaturing high-performance liquid chromatography for the identification of HBB gene mutations.](#)
*ABSTRACT: BACKGROUND: Beta-thalassemia is a common autosomal recessive...*16th September, 2008
1Institute of Biomedical Engineering, College of Medicine and College of- BMC Biotechnol. 2008 Aug 12;8:62. ([DOI Direct Link](#))
 - [Formation of purine-purine mispairs by Sulfolobus solfataricus DNA polymerase IV.](#)
*DNA damage that stalls replicative polymerases can be bypassed with the...*11th September, 2008
Department of Biochemistry and Molecular Biology, Milton S. Hershey- Biochemistry. 2008 Aug 5;47(31):8157-64. Epub 2008 Jul 11. ([DOI Direct Link](#))
 - [Mismatch repair deficiency does not mediate clinical resistance to temozolomide in malignant glioma.](#)
*PURPOSE: A major mechanism of resistance to methylating agents, including...*9th September, 2008
Department of Surgery, Duke University Medical Center, Durham, North- Clin Cancer Res. 2008 Aug 1;14(15):4859-68. ([DOI Direct Link](#))
 - [SPR imaging for label-free multiplexed analyses of DNA N-glycosylase interactions with damaged DNA duplexes.](#)
*Base excision repair (BER) is the major mechanism for the correction of...*5th September, 2008
Laboratoire des Lesions des Acides Nucleiques, SCIB/UMR E3 CEA-UJF, INAC,- Analyst. 2008 Aug;133(8):1036-45. Epub 2008 May 1. ([DOI Direct Link](#))
 - [MLH1 -93G>A promoter polymorphism and risk of mismatch repair deficient colorectal cancer.](#)
*Rare inherited mutations in the mutL homolog 1 (MLH1) DNA mismatch repair...*21st August, 2008
Northern Institute for Cancer Research, Newcastle University, Newcastle- Int J Cancer. 2008 Nov 15;123(10):2456-9. ([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](#))
 - [Strong position-dependent effects of sequence mismatches on signal ratios measured using long oligonucleotide microarrays.](#)
*BACKGROUND: Microarrays are an important and widely used tool....*20th August, 2008
Biosciences Building, School of Biological Sciences, University of- BMC Genomics. 2008 Jul 3;9:317. ([DOI Direct Link](#))
 - [\[DNA replication fidelity\]](#)
*DNA replication fidelity plays fundamental role in faithful transmission...*1st August, 2008
Pracownia Mechanizmow replikacji DNA, Zaklad Biologii Molekularnej,- Postepy Biochem. 2008;54(1):43-56.

BioNews Results for Base Pair Mismatch

- [DNA virus microRNA](#)
PharmCast: Sep 10 2008 4:10AM Matching: base pair mismatch
- [A novel solid phase technology for high-throughput gene synthesis](#)
Bio Techniques: Sep 7 2008 11:18PM Matching: base pair mismatch
- [Coupled rolling circle amplification loop-mediated amplification for rapid detection of short DNA sequences](#)
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