

Katarzyna Hanna Kamińska

Lista publikacji

z dnia 30 października 2010

Publikacje w czasopismach

1. Husain N., Tkaczuk K. L., Tulsidas S. R., Kamińska K. H., Cubrilo S., Maravic-Vlahovicek G., Bujnicki J. M., Sivaraman J., **Structural basis for the methylation of G1405 in 16S rRNA by aminoglycoside resistance methyltransferase Sgm from an antibiotic producer: a diversity of active sites in m7G methyltransferases**, *Nucleic Acids Res.* 2010 Jul 1; 38(12): 4120-32
2. Zhang Z., Theler D., Kamińska K. H., Hiller M., de la Grange P., Pudimat R., Rafalska I., Heinrich B., Bujnicki J. M., Allain F. H., Stamm S., **The YTH domain is a novel RNA binding domain**, *J Biol Chem.* 2010 May 7; 285(19): 14701-10
3. Khan F., Furuta Y., Kawai M., Kamińska K. H., Ishikawa K., Bujnicki J. M., Kobayashi I., **A putative mobile genetic element carrying a novel type IIF restriction-modification system (PluTI)**, *Nucleic Acids Res.* 2010 May; 38(9): 3019-30
4. Kamińska K. H., Purta E., Hansen L. H., Bujnicki J. M., Vester B., Long K. S., **Insights into the structure, function and evolution of the radical-SAM 23S rRNA methyltransferase Cfr that confers antibiotic resistance in bacteria**, *Nucleic Acids Res.* 2010 Mar; 38(5): 1652-63
5. Palfi Z., Jae N., Preusser C., Kamińska K. H., Bujnicki J. M., Lee J. H., Gunzl A., Kambach C., Urlaub H., Bindereif A., **SMN-assisted assembly of snRNP-specific Sm cores in trypanosomes**, *Genes Dev.* 2009 Jul 15; 23(14): 1650-64
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9. Purta E., Kamińska K. H., Kasprzak J. M., Bujnicki J. M., Douthwaite S., **YbeA is the m3Psi methyltransferase RlmH that targets nucleotide 1915 in 23S rRNA**, *RNA.* 2008 Oct; 14(10): 2234-44
10. Roovers M., Kamińska K. H., Tkaczuk K. L., Gigot D., Droogmans L., Bujnicki J. M., **The YqfN protein of Bacillus subtilis is the tRNA: m1A22 methyltransferase (TrmK)**, *Nucleic Acids Res.* 2008 Jun; 36(10): 3252-62
11. Kamińska K. H., Bujnicki J. M., **Bacteriophage Mu Mom protein responsible for DNA modification is a new member of the acyltransferase superfamily**, *Cell Cycle.* 2008 Jan 1; 7(1): 120-1
12. Roovers M., Oudjama Y., Kamińska K. H., Purta E., Caillet J., Droogmans L., Bujnicki J. M., **Sequence-structure-function analysis of the bifunctional enzyme MnmC that catalyses the last two steps in the biosynthesis of hypermodified nucleoside mnm5s2U in tRNA**, *Proteins.* 2008 Jun; 71(4): 2076-85
13. Kamińska K. H., Baraniak U., Boniecki M., Nowaczyk K., Czerwoniec A., Bujnicki J. M., **Structural bioinformatics analysis of enzymes involved in the biosynthesis pathway of the hypermodified nucleoside ms(2)io(6)A37 in tRNA**, *Proteins.* 2008 Jan 1; 70(1): 1-18

Książki i monografie

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2. Czerwoniec A., Kasprzak J. M., Kaminska K. H., Rother K., Purta E., Bujnicki J. M., *Folds and functions of domains in RNA modification enzymes*, [w:] *DNA and RNA modification enzymes: comparative structure, mechanism, functions, cellular interactions and evolution*, Grosjean H., Landes Bioscience, 2009
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