

Erratum to "Isolation and Characterization of Novel Copper-Inducible Metallothionein Gene of Locally Isolated *Tetrahymena tropicalis lahorensis*" J Cell Biochem 110:630–644

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In J Cell Biochem 110:630–644, the authors wish to note that sufficient credit failed to be attributed to the below referenced articles:

Coyle P, Philcox JC, Carey LC, Rofe AM. 2002. Metallothionein: The multipurpose protein. *Cell Mol Life Sci* 59:627–647.

Diaz S, Amaro F, Rico D, Campos V, Benitez L, Martin-Gonzalez A, Hamilton EP, Orias E, Gutierrez JC. 2007. Tetrahymena metallothioneins fall into two discrete subfamilies. *PLoS One* 3:1–14.

Tanguy A, Mura C, Moraga D. 2001. Cloning of a metallothionein gene and characterization of the two other cDNA sequences in the Pacific oyster *Crassostrea gigas* (CgMTT). *Aquatic Toxicol* 55:35–47.

Boldrin F, Santovito G, Negrisolo E, Piccinni E. 2003. Cloning and sequencing of four new metallothionein genes from *Tetrahymena thermophila* and *T. pigmentosa*: Evolutionary relationships in *Tetrahymena* MT family. *Protist* 154:431–442.

Guo L, Fu C, Miao W. 2008. Cloning, characterization, and gene expression analysis of a novel cadmium metallothionein gene in *Tetrahymena pigmentosa*. *Gene* 423:29–35.

Kan NC, Gall JG. 1981. Sequence homology near the center of the extrachromosomal rDNA palindrome in *Tetrahymena*. *J Mol Biol* 153:1151–1155.

Simon EM. 1980. Mating type inheritance and maturity times in crosses between subspecies of *Tetrahymena pigmentosa*. *Genetics* 94:93–113.

Domenech J, Bofill R, Tinti A, Torreggiani A, Atrian S, Capdevila M. 2008. Comparative insight into the Zn(II)-, Cd(II)- and Cu(I)-binding features of the protozoan *Tetrahymena pyriformis* MT1 metallothionein. *Biochim Biophys Acta* 1784:693–704.

Amaro F, Ruotolo R, Martin-Gonzalez A, Faccini A, Ottonello S, Gutierrez JC. 2009. A psdeudo-phytochelatin synthase in the ciliated protozoan (*Tetrahymena thermophila*). *Comp Biochem Physiol C Toxicol Pharmacol* 149:598–604.

Fu C, Miao W. 2006. Cloning and characterization of a new multi-stress inducible metallothionein gene in *Tetrahymena pyriformis*. *Protist* 157:193–203.

Thompson JD, Higgins DG, Gibson TJ. 1994. CLUSTAL W: Improving the sensitivity of progressive multiple sequence alignment through sequence weighting position-specific gap penalties and weight matrix choice. *Nucleic Acids Res* 22:4673–4680.

Struder-Kypke MC, Wright ADG, Jerome CA, Lynn DH. 2001. Parallel evolution of histophagy in ciliates of the genus *Tetrahymena*. *BMC Evol Biol* 1:5.

Kyte J, Doolittle RF. 1982. A simple method for displaying the hydropathic character of a protein. *J Mol Biol* 157:105–132.

Santovito G, Formigari A, Boldrin F, Piccinni E. 2007. Molecular and functional evolution of *Tetrahymena* metallothioneins: New insights into the gene family of *Tetrahymena thermophila*. *Comp Biochem Physiol C Toxicol Pharmacol* 144:391–397.

Jaeckel P, Krauss G, Menge S, Scierhorn A, Rucknagel P, Krauss G. 2005. Cadmium induces a novel metallothionein and phyochelin 2 in an aquatic fungus. *Biochem Biophys Res Commun* 333:150–155.

Amaro F, Lucas M, Martin-Gonzalez A, Gutierrez JC. 2008. Two new members of the *Tetrahymena* multi-stress-inducible metallothionein family: Characterization and expression analysis of *T. rostrata* Cd/Cu metallothionein genes. *Gene* 423:85–91.

Dondero F, Cavalletto M, Ghezzi AR, La Terza A, Banni M. 2004. Biochemical characterization and quantitative gene expression analysis of the multi-stress inducible metallothionein from *Tetrahymena thermophila*. *Protist* 155:157–168.

REFERENCE

Chaudhry R, Shakoori AR. 2010. Isolation and Characterization of Novel Copper-inducible Metallothionein Gene of Locally Isolated *Tetrahymena tropicalis lahorensis*. *J Cell Biochem* 110:630–644.