

Accepted Manuscript

The phylogeny of extant starfish (Asteroidea: Echinodermata) including *Xyloplax*, based on comparative transcriptomics

Gregorio V. Linchangco Jr., David W. Foltz, Rob Reid, John Williams, Conor Nodzak, Alexander M. Kerr, Allison K. Miller, Rebecca Hunter, Nerida G. Wilson, William J. Nielsen, Christopher L. Mah, Greg W. Rouse, Gregory A. Wray, Daniel A. Janies

PII: S1055-7903(17)30165-3

DOI: <http://dx.doi.org/10.1016/j.ympev.2017.07.022>

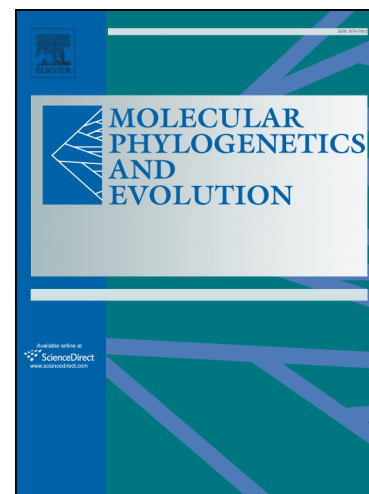
Reference: YMPEV 5885

To appear in: *Molecular Phylogenetics and Evolution*

Received Date: 22 February 2017

Revised Date: 5 June 2017

Accepted Date: 25 July 2017



Please cite this article as: Linchangco, G.V. Jr., Foltz, D.W., Reid, R., Williams, J., Nodzak, C., Kerr, A.M., Miller, A.K., Hunter, R., Wilson, N.G., Nielsen, W.J., Mah, C.L., Rouse, G.W., Wray, G.A., Janies, D.A., The phylogeny of extant starfish (Asteroidea: Echinodermata) including *Xyloplax*, based on comparative transcriptomics, *Molecular Phylogenetics and Evolution* (2017), doi: <http://dx.doi.org/10.1016/j.ympev.2017.07.022>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

The phylogeny of extant starfish (Asteroidea: Echinodermata) including *Xyloplax*, based on comparative transcriptomics

Gregorio V. Linchangco, Jr.^{1*}, David W. Foltz², Rob Reid¹, John Williams¹, Conor Nodzak¹, Alexander M. Kerr³, Allison K. Miller³, Rebecca Hunter⁴, Nerida G. Wilson^{5,6}, William J. Nielsen⁷, Christopher L. Mah⁸, Greg W. Rouse⁵, Gregory A. Wray⁷, Daniel A. Janies^{1*}

¹ Department of Bioinformatics and Genomics, University of North Carolina at Charlotte, Charlotte, North Carolina, United States of America

² Department of Biological Sciences, Louisiana State University, Baton Rouge, Louisiana, United States of America

³ Marine Laboratory, University of Guam, Mangilao, Guam, United States of America

⁴ Department of Biology, Abilene Christian University, Abilene, Texas, United States of America

⁵ Scripps Institution of Oceanography, University of California San Diego, La Jolla, California, United States of America

⁶ Western Australian Museum, Locked Bag 49, Welshpool DC, Western Australia 6986, Australia

⁷ Department of Biology and Center for Genomic and Computational Biology, Duke University, Durham, North Carolina, United States of America

⁸ Department of Invertebrate Zoology, Smithsonian Institution, Washington, District of Columbia, United States of America

Download English Version:

<https://daneshyari.com/en/article/5592281>

Download Persian Version:

<https://daneshyari.com/article/5592281>

[Daneshyari.com](https://daneshyari.com)