Author's Accepted Manuscript

Regulatory circuit rewiring and functional divergence of the duplicate *admp* genes in dorsoventral axial patterning

Yi-Cheng Chang, Chih-Yu Pai, Yi-Chih Chen, Hsiu-Chi Ting, Pedro Martinez, Maximilian J. Telford, Jr-Kai Yu, Yi-Hsien Su



ww.elsevier.com/locate/developmentalbiology

 PII:
 S0012-1606(15)30365-1

 DOI:
 http://dx.doi.org/10.1016/j.ydbio.2015.12.015

 Reference:
 YDBIO6958

To appear in: Developmental Biology

Received date: 18 December 2015 Accepted date: 18 December 2015

Cite this article as: Yi-Cheng Chang, Chih-Yu Pai, Yi-Chih Chen, Hsiu-Chi Ting, Pedro Martinez, Maximilian J. Telford, Jr-Kai Yu and Yi-Hsien Su, Regulatory circuit rewiring and functional divergence of the duplicate *adm*₁ genes in dorsoventral axial patterning, *Developmental Biology* http://dx.doi.org/10.1016/j.ydbio.2015.12.015

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable 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

ACCEPTED MANUSCRIPT

Regulatory circuit rewiring and functional divergence of the duplicate *admp* genes in dorsoventral axial patterning

Yi-Cheng Chang^{1,2}, Chih-Yu Pai¹, Yi-Chih Chen¹, Hsiu-Chi Ting¹, Pedro Martinez^{3,4}, Maximilian J. Telford⁵, Jr-Kai Yu¹, and Yi-Hsien Su^{1,2,*}

¹Institute of Cellular and Organismic Biology, Academia Sinica, Taipei, Taiwan ²Department of Bioscience and Biotechnology, National Taiwan Ocean University, Keelung, Taiwan

³Department de Genètica, Universitat de Barcelona, Barcelona, Spain

⁴Institució de Recerca I Estudis Avançats (ICREA), Barcelona, Spain

⁵Department of Genetics, Evolution and Environment, University College London, London, UK

*Correspondence: yhsu@gate.sinica.edu.tw

Keywords: BMP, Admp, sea urchin, acorn worm, ambulacraria

Download English Version:

https://daneshyari.com/en/article/10931306

Download Persian Version:

https://daneshyari.com/article/10931306

Daneshyari.com