### Accepted Manuscript

Identification of human circadian genes based on time course gene expression profiles by using a deep learning method

Peng Cui, Tingyan Zhong, Zhuo Wang, Tao Wang, Hongyu Zhao, Chenglin Liu, Hui Lu

PII: S0925-4439(17)30453-2

DOI: doi:10.1016/j.bbadis.2017.12.004

Reference: BBADIS 64980

To appear in:

Received date: 18 September 2017 Revised date: 28 November 2017 Accepted date: 3 December 2017

Please cite this article as: Peng Cui, Tingyan Zhong, Zhuo Wang, Tao Wang, Hongyu Zhao, Chenglin Liu, Hui Lu, Identification of human circadian genes based on time course gene expression profiles by using a deep learning method. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Bbadis(2017), doi:10.1016/j.bbadis.2017.12.004

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.



## **ACCEPTED MANUSCRIPT**

# Identification of human circadian genes based on time course gene expression profiles by using a deep learning method

Peng Cui $^{1,2}$ , Tingyan Zhong $^{1,2}$ , Zhuo Wang $^1$ , Tao Wang $^{1,2}$ , Hongyu Zhao $^{2,3}$ , Chenglin Liu $^{1,*}$ , Hui Lu $^{1,2,*}$ 

<sup>1</sup>School of Life Science and Biotechnology, Shanghai Jiao Tong University, 800 Dong Chuan Road, Shanghai 200240, China

<sup>2</sup>SJTU-Yale Joint Center for Biostatistics, Shanghai Jiao Tong University, 800 Dong Chuan Road, Shanghai 200240, China

<sup>3</sup>Department of Biostatistics, Yale University, New Heaven, USA

\*Correspondence should be addressed to: tocliu@126.com or huilu@sjtu.edu.cn.

#### Download English Version:

## https://daneshyari.com/en/article/8258412

Download Persian Version:

https://daneshyari.com/article/8258412

<u>Daneshyari.com</u>