## Accepted Manuscript

Bioinformatical identification of key pathways and genes in human hepatocellular carcinoma after CSN5 depletion

Qiang Fu, Fan Yang, Ji Zhao, Xingxing Yang, Tengxiao Xiang, Guoli Huai, Jiashu Zhang, Liang Wei, Shaoping Deng, Hongji Yang

PII: S0898-6568(18)30122-0

DOI: doi:10.1016/j.cellsig.2018.06.002

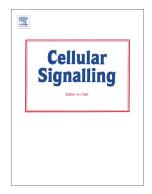
Reference: CLS 9124

To appear in: Cellular Signalling

Received date: 21 April 2018 Revised date: 31 May 2018 Accepted date: 5 June 2018



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**

Bioinformatical Identification of Key Pathways and Genes in Human Hepatocellular Carcinoma after CSN5 Depletion

Qiang Fu<sup>1, 2</sup>, Fan Yang<sup>3</sup>, Ji Zhao<sup>1, 2</sup>, Xingxing Yang<sup>1, 2</sup>, Tengxiao Xiang<sup>4</sup>, Guoli Huai<sup>1, 2</sup>, Jiashu Zhang<sup>2, 5</sup>, Liang Wei<sup>1, 2</sup>, Shaoping Deng<sup>1, 2, 5, 6\*</sup>, Hongji Yang<sup>1, 2\*</sup>

<sup>1</sup>Organ Transplantation Center, Sichuan Academy of Medical Sciences and Sichuan Provincial People's Hospital, School of Medicine, University of Electronic Science and Technology of China, Chengdu 610072, Sichuan province, China.

<sup>2</sup>Organ Transplantation translational medicine Key laboratory of Sichuan province, Chengdu, Sichuan 610072, China.

<sup>3</sup>Women and Children Health Care Center of Luoyang, Luoyang 471000, Henan province, China.

<sup>4</sup>People's Hospital of Changshou Chongging, Chongging 401220, China.

<sup>5</sup>North Sichuan Medical College, Nanchong 637100, Sichuan province, China.

<sup>6</sup>Human Islet Laboratory, Massachusetts General Hospital, Harvard Medical School, Boston 02114, MA, USA.

Shaoping Deng (Email: sdeng10@126.com).

Address: 1st Ring Road West 2 Section No.32 Sichuan Provencal People's Hospital, Chengdu 610072, School of Medicine, University of Electronic Science and Technology of China, Chengdu 610072, Sichuan province, China; Massachusetts General Hospital, Harvard Medical School, Boston 02114, MA, USA. Telephone: +86-28-87393987, Fax: +86-28-87795585.

Hongji Yang (Email: hongji\_yang65@126.com)

Address: 1st Ring Road West 2 Section No.32 Sichuan Provencal People's Hospital, Chengdu 610072, School of Medicine, University of Electronic Science and Technology of China, Chengdu 610072, Sichuan province, China. Telephone: +86-28-87393987, Fax: +86-28-87795585.

Running title: Bioinformatical Identification of Key Genes and

Pathways in HCC after CSN5 depletion

**Disclosure statement:** None.

<sup>\*</sup>Corresponding author:

## Download English Version:

## https://daneshyari.com/en/article/8308530

Download Persian Version:

https://daneshyari.com/article/8308530

<u>Daneshyari.com</u>