Accepted Manuscript

Smurf2, an E3 ubiquitin ligase, interacts with PDE4B and attenuates liver fibrosis through miR-132 mediated CTGF inhibition

Yu Cai, Guanqun Huang, Lijie Ma, Ling Dong, She Chen, Xizhong Shen, Shuncai Zhang, Ruyi Xue, Deqiang Sun, Si Zhang

PII: S0167-4889(17)30286-0

DOI: doi:10.1016/j.bbamcr.2017.10.011

Reference: BBAMCR 18199

To appear in:

Received date: 31 May 2017
Revised date: 23 October 2017
Accepted date: 29 October 2017

Please cite this article as: Yu Cai, Guanqun Huang, Lijie Ma, Ling Dong, She Chen, Xizhong Shen, Shuncai Zhang, Ruyi Xue, Deqiang Sun, Si Zhang, Smurf2, an E3 ubiquitin ligase, interacts with PDE4B and attenuates liver fibrosis through miR-132 mediated CTGF inhibition. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Bbamcr(2017), doi:10.1016/j.bbamcr.2017.10.011

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

Smurf2, an E3 ubiquitin ligase, interacts with PDE4B and attenuates liver fibrosis through miR-132 mediated CTGF inhibition

Yu Cai^{1#}, Guanqun Huang^{2#}, Lijie Ma³, Ling Dong¹, She Chen⁴, Xizhong Shen¹, Shuncai Zhang¹, Ruyi Xue^{1*}, Deqiang Sun^{5*}, Si Zhang^{4*}

Running title:: Smurf2 inhibits CTGF production by induction of miR-132.

Authors' Affiliations:

¹Department of Gastroenterology and Hepatology, Zhongshan Hospital, Shanghai Institute of Liver Disease, Fudan University, Shanghai, China.

²The Fifth Affiliated Hospital of Guangzhou Medical University, Guangzhou 510260, Guangdong Province, China.

³Liver Cancer Institute, Zhongshan Hospital, Fudan University, Shanghai, China

⁴Key Laboratory of Glycoconjugate Research Ministry of Public Health, Department of Biochemistry and Molecular Biology, Shanghai Medical College, Fudan University, Shanghai, China.

⁵Institute of Biosciences & Technology, College of Medicine, Texas A&M University, Houston, TX, USA.

#equal contribution.

*Corresponding author: Si Zhang, Key Laboratory of Glycoconjugate Research Ministry of Public Health, Department of Biochemistry and Molecular Biology, Shanghai Medical College, Fudan University, Shanghai, China. Email: 1/41

Download English Version:

https://daneshyari.com/en/article/8303722

Download Persian Version:

https://daneshyari.com/article/8303722

<u>Daneshyari.com</u>