Accepted Manuscript

Single-cell Transcriptome Analyses Reveal Molecular Signals to Intrinsic and Acquired Paclitaxel Resistance in Esophageal Squamous Cancer Cells

Hongjin Wu, Sean Chen, Charles Wang, Juehua Yu, Ying Li, Xiao-yan Zhang, Ling Yang, Hongfang Zhang, Qiang hou, Mingfeng Jiang, F. Charles Brunicardi, Shixiu Wu

PII: S0304-3835(18)30092-2

DOI: 10.1016/j.canlet.2018.01.059

Reference: CAN 13727

To appear in: Cancer Letters

Received Date: 1 October 2017

Revised Date: 23 January 2018

Accepted Date: 24 January 2018

Please cite this article as: H. Wu, S. Chen, C. Wang, J. Yu, Y. Li, X.-y. Zhang, L. Yang, H. Zhang, Q. hou, M. Jiang, F.C. Brunicardi, S. Wu, Single-cell Transcriptome Analyses Reveal Molecular Signals to Intrinsic and Acquired Paclitaxel Resistance in Esophageal Squamous Cancer Cells, *Cancer Letters* (2018), doi: 10.1016/j.canlet.2018.01.059.

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

1	Single-cell Transcriptome Analyses Reveal Molecular Signals to Intrinsic and Acquired Paclitaxel
2	Resistance in Esophageal Squamous Cancer Cells
3	
4	Hongjin Wu ^{1,2,3} , Sean Chen ² , Charles Wang ² , Juehua Yu ⁴ , Ying Li ¹ , Xiao-yan Zhang ¹ , Ling Yang ¹ , Hongfang
5	Zhang ¹ , Qiang hou ¹ , Mingfeng Jiang ¹ , F. Charles Brunicardi ^{4*} , Shixiu Wu ^{1*}
6	¹ Cancer Research Institute, Hangzhou Cancer Hospital, Hangzhou, 320000, Zhejiang Province, P. R.
7	China. ² Center for Genomics & Department of Basic Sciences, School of Medicine, Loma Linda University,
8	Loma Linda, CA 92350, USA. ³ Department of Life Science, Sogang University, 35 Baekbeom-ro, Mapo-gu,
9	Seoul 121-742, Republic of Korea. ⁴ Department of Surgery, College of Medicine and Life Sciences,
10	University of Toledo, Toledo, Ohio, 43614.
11	
12	Running Title: Paclitaxel resistance revealed by single-cell transcriptome.
13	Keywords: esophageal squamous cancer, single-cell RNA-seq, intrinsic paclitaxel resistance, acquired
14	paclitaxel resistance, proteasome, HIF-1 signaling.
15	
16	Conflict of interest disclosure statement: The authors disclose no potential conflicts of interest.
17	*Address correspondence and reprint requests to: Dr. Shixiu Wu, Cancer Research Institute, Hangzhou
18	Cancer Hospital, Hangzhou, 320000, Zhejiang Province, P. R. China. Tel: +86013757186599, E-mail
19	address: wushixiu@medmail.com.cn; Or Dr. F. Charles Brunicardi, Department of Surgery, College of
20	Medicine and Life Sciences, University of Toledo, Toledo, Ohio, 43614. Tel: (419) 343-9398, E-mail
21	address: cbrunicardi@gmail.com
22	
23	Total number of figures and tables: 5
24	

Download English Version:

https://daneshyari.com/en/article/8434671

Download Persian Version:

https://daneshyari.com/article/8434671

Daneshyari.com