## Accepted Manuscript

Alternative translation initiation of Caveolin-2 desensitizes insulin signaling through dephosphorylation of insulin receptor by PTP1B and causes insulin resistance

Biochimica et Biorphysica Acta

Molecular
Basis of
Disease

Hayeong Kwon, Jaewoong Lee, Donghwan Jang, Moonjeong Choi, Kyuho Jeong, Yunbae Pak

PII: S0925-4439(18)30112-1

DOI: doi:10.1016/j.bbadis.2018.03.022

Reference: BBADIS 65093

To appear in:

Received date: 4 January 2018 Revised date: 8 March 2018 Accepted date: 26 March 2018

Please cite this article as: Hayeong Kwon, Jaewoong Lee, Donghwan Jang, Moonjeong Choi, Kyuho Jeong, Yunbae Pak, Alternative translation initiation of Caveolin-2 desensitizes insulin signaling through dephosphorylation of insulin receptor by PTP1B and causes insulin resistance. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Bbadis(2018), doi:10.1016/j.bbadis.2018.03.022

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**

Alternative translation initiation of Caveolin-2 desensitizes insulin signaling through dephosphorylation of insulin receptor by PTP1B and causes insulin resistance

Hayeong Kwon, Jaewoong Lee, Donghwan Jang, Moonjeong Choi, Kyuho Jeong and Yunbae Pak\*

Division of Life Science, Graduate School of Applied Life Science (BK21 Plus Program), PMBBRC, Gyeongsang National University, Jinju 52828, Korea

Running title: Insulin sensitivity control by Cav-2 ATI

*Keywords*: Caveolin-2; alternative translation initiation; insulin receptor; protein tyrosine phosphatase 1B; lysosomal degradation; insulin resistance

\*Corresponding Author: Yunbae Pak, Ph.D., Division of Life Science, Graduate School of Applied Life Science, Gyeongsang National University, Jinju 52828, Korea, Phone: 82-55-772-1354, Fax: 82-55-759-9363, E-Mail: ybpak@gnu.ac.kr

1

## Download English Version:

## https://daneshyari.com/en/article/8258439

Download Persian Version:

https://daneshyari.com/article/8258439

<u>Daneshyari.com</u>