Accepted Manuscript

An acrodermatitis enteropathica-associated Zn transporter, ZIP4, regulates human epidermal homeostasis

Bum-Ho Bin, Jinhyuk Bhin, Nan-Hyung Kim, Su-Hyon Lee, Haeng-Sun Jung, Juyeon Seo, Dae-Kyum Kim, Daehee Hwang, Toshiyuki Fukada, Ai-Young Lee, Tae Ryong Lee, Eun-Gyung Cho

PII: S0022-202X(16)32776-2

DOI: 10.1016/j.jid.2016.11.028

Reference: JID 653

To appear in: The Journal of Investigative Dermatology

Received Date: 4 July 2016

Revised Date: 24 October 2016

Accepted Date: 16 November 2016

Please cite this article as: Bin B-H, Bhin J, Kim N-H, Lee S-H, Jung H-S, Seo J, Kim D-K, Hwang D, Fukada T, Lee A-Y, Lee TR, Cho E-G, An acrodermatitis enteropathica-associated Zn transporter, ZIP4, regulates human epidermal homeostasis, *The Journal of Investigative Dermatology* (2017), doi: 10.1016/j.jid.2016.11.028.

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	An acrodermatitis enteropathica-associated Zn transporter, ZIP4, regulates human
2	epidermal homeostasis
3	
4	Bum-Ho Bin ^a , Jinhyuk Bhin ^b , Nan-Hyung Kim ^c , Su-Hyon Lee ^d , Haeng-Sun Jung ^d , Juyeon Seo ^a ,
5	Dae-Kyum Kim ^{e,f} , Daehee Hwang ^g , Toshiyuki Fukada ^h , Ai-Young Lee ^c , Tae Ryong Lee ^{a,*} and
6	Eun-Gyung Cho ^{a,*}
7	
8	^a Basic Research & Innovation Division, R&D Unit, AmorePacific Corporation, Yongin, Republic
9	of Korea
LO	^b Department of Chemical Engineering, POSTECH, Pohang, Republic of Korea
l1	^c Department of Dermatology, Dongguk University Ilsan Hospital, Goyang, Republic of Korea
L2	^d Bio Solution Corporation, Seoul, Republic of Korea
L3	^e Donnelly Centre, Departments of Molecular Genetics and Computer Science, University of
L4	Toronto, Toronto, Ontario, Canada.
L5	^f Lunenfeld-Tanenbaum Research Institute, Mount Sinai Hospital, Toronto, Ontario M5G 1X5,
L6	Canada.
L7	^g Department of New Biology and Center for Plant Aging Research, Institute for Basic Science,
L8	DGIST, Daegu, Republic of Korea.
L9	^h Faculty of Pharmaceutical Sciences, Tokushima Bunri University, Tokushima, JAPAN.
20	
21	
22	
23	

Download English Version:

https://daneshyari.com/en/article/5649553

Download Persian Version:

https://daneshyari.com/article/5649553

<u>Daneshyari.com</u>