Accepted Manuscript

Basic helix-loop-helix (bHLH) transcriptional activator regulates ammonium uptake in rice

Zi Yuan Wang, Yue Gao, Jingmiao Liu, Vikranth Kumar, Tian Ya Li, Yuan Hu Xuan

PII: S2352-4073(17)30046-X

DOI: doi: 10.1016/j.plgene.2017.07.008

Reference: PLGENE 122

To appear in: Plant Gene

Received date: 29 March 2017 Revised date: 18 May 2017 Accepted date: 27 July 2017



Please cite this article as: Zi Yuan Wang, Yue Gao, Jingmiao Liu, Vikranth Kumar, Tian Ya Li, Yuan Hu Xuan, Basic helix-loop-helix (bHLH) transcriptional activator regulates ammonium uptake in rice, *Plant Gene* (2017), doi: 10.1016/j.plgene.2017.07.008

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

basic Helix-loop-Helix (bHLH) transcriptional activator regulates ammonium uptake in rice

Zi Yuan Wang^{1#}, Yue Gao^{1#}, Jingmiao Liu², Vikranth Kumar³, Tian Ya Li^{1*}, Yuan Hu

Xuan¹*

¹College of Plant Protection, Shenyang Agricultural University, Dongling Road 120,

Shenyang, China 110866

²Department of Agricultural and Biological Technology, WenZhou Agricultural Science

Research Institute (WenZhou Vocational College of Science & Technology), Liuhongqiao

road 1000, Wenzhou 325006, China

³Division of Applied Life Science (BK21 Plus Program), Plant Molecular Biology &

Biotechnology Research Center (PMBBRC), Gyeongsang National University, Jinju 52828,

Republic of Korea

#These authors contributed equally to this work.

*Corresponding authors

Phone/Fax: +86 24 8834 2056, xuanyuanhu115@syau.edu.cn (Yuan Hu Xuan);

Phone/Fax: +86 24 8834 2056, litianya11@163.com (Tian Ya Li)

Working title: bHLH Regulates Ammonium Uptake in Rice

Key words: ammonium uptake, bHLH, transcriptional activator, rice, roots

1

Download English Version:

https://daneshyari.com/en/article/5590964

Download Persian Version:

https://daneshyari.com/article/5590964

<u>Daneshyari.com</u>