Accepted Manuscript

Title: Title: Metabolomic Profiling from Leaves and Roots of Tomato (*Solanum lycopersicum* L.) Plants Grown under Nitrogen, Phosphorus or Potassium-Deficient Condition

Author: Jwakyung Sung Suyeon Lee Yejin Lee Sangkeun Ha Beomheon Song Taewan Kim Brian M. Waters Hari B.

Krishnan

PII: S0168-9452(15)30083-2

DOI: http://dx.doi.org/doi:10.1016/j.plantsci.2015.09.027

Reference: PSL 9306

To appear in: Plant Science

Received date: 28-1-2015 Revised date: 29-9-2015 Accepted date: 30-9-2015

Please cite this article as: Jwakyung Sung, Suyeon Lee, Yejin Lee, Sangkeun Ha, Beomheon Song, Taewan Kim, Brian M.Waters, Hari B.Krishnan, Title: Metabolomic Profiling from Leaves and Roots of Tomato (Solanum lycopersicum L.) Plants Grown under Nitrogen, Phosphorus or Potassium-Deficient Condition, Plant Science http://dx.doi.org/10.1016/j.plantsci.2015.09.027

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.



Title: Metabolomic Profiling from Leaves and Roots of Tomato (Solanum lycopersicum L.)

Plants Grown under Nitrogen, Phosphorus or Potassium-Deficient Condition

Jwakyung Sung¹, Suyeon Lee¹, Yejin Lee¹, Sangkeun Ha¹, Beomheon Song², Taewan Kim³, Brian

M. Waters⁴, and Hari B. Krishnan^{5,6*}

¹Division of Soil and Fertilizer, National Academy of Agricultural Science, RDA, Wanju, North

Jeolla province 565-851, Republic of Korea

²Department of Agronomy, Chungbuk National University, Cheongju, North Chungcheong

province 361-763, Republic of Korea

³Department of Plant Life and Environmental Science, Hankyong National University, Anseong,

Gyeonggi province 456-749, Republic of Korea

⁴Department of Agronomy and Horticulture, University of Nebraska, Lincoln, NE, USA

⁵Plant Genetics Research Unit, Agriculture Research Service, USDA, 205 Curtis Hall, Columbia,

MO 65211, USA

⁶Plant Science Division, University of Missouri, 1-41, Agriculture Bldg., Columbia, MO 65211,

USA

Corresponding author

Hari B Krishnan

Plant Genetics Research Unit, Agricultural Research Service, USDA

205 Curtis Hall, Columbia, MO 65211, USA

Tel: 1-573-882-8151

Fax: 1-573-884-7850

Email: KrishnanH@missouri.edu

1

Download English Version:

https://daneshyari.com/en/article/8357414

Download Persian Version:

https://daneshyari.com/article/8357414

<u>Daneshyari.com</u>