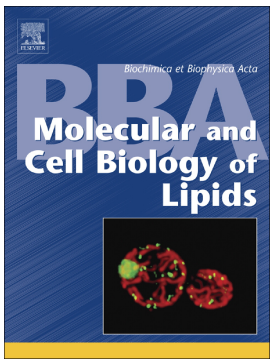

Phosphatidylglycerophosphate phosphatase is required for root growth in Arabidopsis

Ying-Chen Lin, Koichi Kobayashi, Hajime Wada, Yuki Nakamura

PII: S1388-1981(18)30027-1
DOI: doi:10.1016/j.bbalip.2018.02.007
Reference: BBAMCB 58254

To appear in:

Received date: 12 September 2017
Revised date: 11 February 2018
Accepted date: 19 February 2018

Please cite this article as: Ying-Chen Lin, Koichi Kobayashi, Hajime Wada, Yuki Nakamura , Phosphatidylglycerophosphate phosphatase is required for root growth in Arabidopsis. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Bbamcb(2018), doi:10.1016/j.bbalip.2018.02.007

Phosphatidylglycerophosphate phosphatase is required for root growth in Arabidopsis

Ying-Chen Lin[1,2,3], Koichi Kobayashi[4], Hajime Wada[4], and Yuki Nakamura[1,5#]

1. Institute of Plant and Microbial Biology, Academia Sinica, Taipei, Taiwan,

2. Molecular and Biological Agricultural Sciences Program, Academia Sinica, Taiwan International Graduate Program, Taipei, Taiwan

3. Graduate Institute of Biotechnology, National Chung-Hsing University, Taichung, Taiwan

4. Department of Life Sciences, Graduate School of Arts and Sciences, The University of Tokyo, Japan.

5. Biotechnology Center, National Chung-Hsing University, Taichung, Taiwan

#Corresponding author: Yuki Nakamura, Institute of Plant and Microbial Biology, Academia Sinica, 128 sec.2 Academia Rd., Nankang, Taipei 11529, Taiwan. TEL: +886-2-27871130 FAX: +886-2-27827954 E-mail: nakamura@gate.sinica.edu.tw;

Running title: **Phosphatidylglycerol biosynthesis in root**

Keywords: *Arabidopsis thaliana*, phosphatidylglycerol, phosphatidylglycerophosphate phosphatase, phospholipid, root growth

Manuscript total words: 5,872 (Introduction, 530; Results, 2,309; Discussion, 913; Experimental procedures, 1,076; Figure legends, 1,044)