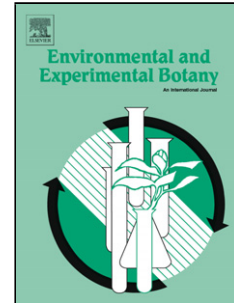


Accepted Manuscript

Title: Transcriptomic and physiological studies identify cues for germination stage oxygen deficiency tolerance in rice

Authors: Joshitha Vijayan, Swetaleena Senapati, Soham Ray, Koushik Chakraborty, Kutubuddin Ali Molla, Nabaneeta Basak, Bhubaneswar Pradhan, Lucina Yeasmin, Krishnendu Chattopadhyay, Ramani Kumar Sarkar



PII: S0098-8472(17)30334-9
DOI: <https://doi.org/10.1016/j.envexpbot.2017.12.013>
Reference: EEB 3353

To appear in: *Environmental and Experimental Botany*

Received date: 25-8-2017
Revised date: 12-12-2017
Accepted date: 14-12-2017

Please cite this article as: { <https://doi.org/>

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.

Transcriptomic and physiological studies identify cues for germination stage oxygen deficiency tolerance in rice

Joshitha Vijayan^{1†}, Swetaleena Senapati^{1†}, Soham Ray^{1†}, Koushik Chakraborty^{1†}, Kutubuddin Ali Molla¹, Nabaneeta Basak¹, Bhubaneswar Pradhan¹, Lucina Yeasmin¹, Krishnendu Chattopadhyay¹ and Ramani Kumar Sarkar^{1*}

ICAR-National Rice Research Institute, Cuttack-753 006, Odisha, India

¹*National Rice Research Institute, Cuttack, 753006, Odisha, India*

† Authors contributed equally

*Corresponding author, E-mail: rk.sarkar@icar.gov.in

Tel: +91 671-2367757. Fax: +91 671-2367663

E-mail IDs of the Authors

JoshithaVijayan: jovijayan@gmail.com

Swetalina Senapati: swetaleenasenapati@gmail.com

Soham Ray: sohamray27@gmail.com

Koushik Chakraborty: koushikiari@gmail.com

Kutubuddin Ali Molla: kutubjoy@gmail.com

Nabaneeta Basak: nabaneeta.84@gmail.com

Bhubaneswar Pradhan: bbs.blast@gmail.com

Lucina Yasmin: lucina1827@yahoo.com

Krishnendu Chattopadhyay: krishnenducrri@gmail.com

Ramani Kumar Sarkar: rk.sarkar@icar.gov.in

Download English Version:

<https://daneshyari.com/en/article/8887119>

Download Persian Version:

<https://daneshyari.com/article/8887119>

[Daneshyari.com](https://daneshyari.com)