

Indian Crop Phenome Database

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Project Record
ID: PPJ_100010

Project Details

Functional Characterization of miR408 in drought sensitive rice cultivar

Project Information	
Project ID	PPJ_100010
Uploaded By	Saurabh Raghuvanshi
Project Title	Functional Characterization of miR408 in drought sensitive rice cultivar
Description	The transgenic lines of miR408 at T2 generation were analyzed for their morphometric differences to the wild type PB1 plants. The shoot length, root length, root density, 3rd leaf length and width (from the midpoint) and whole seedling weight at different seedling stages were recorded for both transgenic lines and wild type plants. The data were represented in the form of graphs. For most of the lines more that 10 plants were analyzed for each parameter.
Grant Number	BT/PR3311/AGR/2/817/2011
Funding Agency	Department of Biotechnology (DBT), Ministry of Science & Technology, Govt. of India.
Publications (DOI / PMID)	Balyan, S., Kansal, S., Jajo, R. et al. Delineating the tissue-mediated drought stress governed tuning of conserved miR408 and its targets in rice. Funct Integr Genomics 23, 187 (2023). https://doi.org/10.1007/s10142-023-01111-2
Release Date	Sept. 30, 2023
Project Type	Individual
Consortium Details	
No consortium members registered for this project.	

Crop Details



Oryza sativa

Taxon ID: 4530

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