'Connecting the biologies of rice disease resistance, drought tolerance and flowering times'

OBJECTIFS

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ACTIONS

’WP1 To establish the phenotype for disease resistance, drought tolerance and flowering time of all rice lines in the project
WP2 To establish, using gene expression studies, the regulatory connections between the targeted biological pathways
WP3 To establish connections nodes, as identified by Yeast-two-hybrid approaches and cellular imaging, between the targeted biological pathways
WP4 To integrate all information produced by the other WPs, identifying the most relevant connection hubs and demonstrating their role in the targeted biological pathways
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RESULTATS

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PERSPECTIVES

’The data from the project (exression and Y2H) will be inserted into the OrygenesDB. Mutants in the genes corresponding to the starting nodes have been produced and will be evaluated for all traits targeted by the project. One expectation is to dis-connect the regulation of drought and disease resistance.’

Responsable :

Date de démarrage : 01/07/2012
Date de clôture : 31/12/2015
Montant :