

Prediction of gene functions

Oryza sativa Japonica

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Sources

- RAPDB
- Oryzabase
- NCBI (gene2go)
- GO Ontology

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Database	Genes annotated	Functions (biological process)	Assignments (gene-function)
RAPDB	7.478	617	13.116
NCBI (gene2go)	341	149	489
Oryzabase	6.622	3.257	34.646

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GO Ontology

- 46.047 Terms
- 29.385 Biological process
- 258.890.626 Associations
- 43.8GB SQL database (6.7GB)

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TODOs

- GO Ontology
 - Load database (Hydra, pending Andres answer)
 - Get data for rice (and other if necessary)
- NCBI (gene2go)
 - Keep only bp annotations
- Analysis
 - Get intersection of all databases
 - Run algorithms with new data



Thanks!