dictyExpress

Gives access to dictyExpress databases.

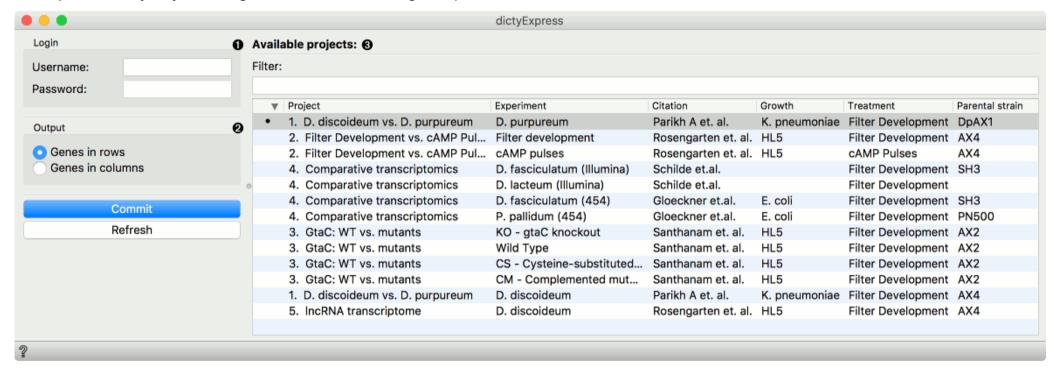
Inputs

None

Outputs

Data: Selected experiment (time-course gene expression data).

dictyExpress widget gives a direct access to the <u>dictyExpress</u> database. It allows you to download the data from selected experiments in *Dictyostelium* by Baylor College of Medicine. The widget requires internet connection to work.



- 1. Log into the database to access personal files.
- 2. Define the output. Genes from experiments can be either in rows or in columns. Press *Commit* to output the data and *Refresh* to update the list of experiments.
- 3. List of available experiments. Use *Filter* to find a particular experiment.

Example

dictyExpress widget can be used to retrieve data from a database, just like **GEO Data Sets** and similar to the **File** widget. We have retrieved the *D. discoideum vs. D. purpureum* data and sent it to the output by pressing *Commit*. We have observed the data in a **Data Table** and in a **Heat Map**, where we used *Merge by k-means* and clustering by rows to find similar genes.

