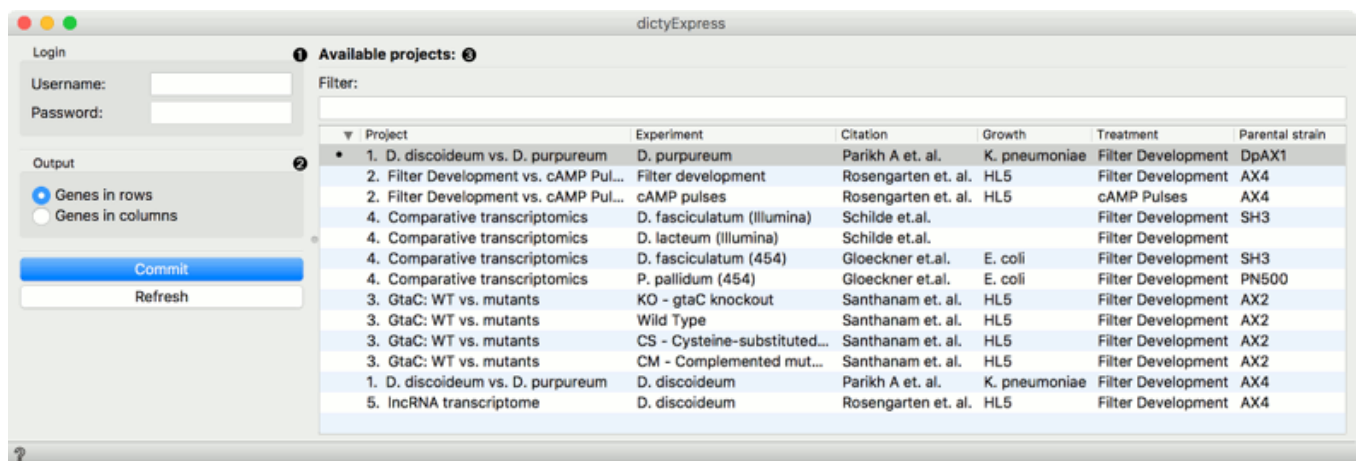# dictyExpress

Gives access to [dictyExpress](#) databases.

Inputs - None

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

dictyExpress widget gives a direct access to the [dictyExpress](#) 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.