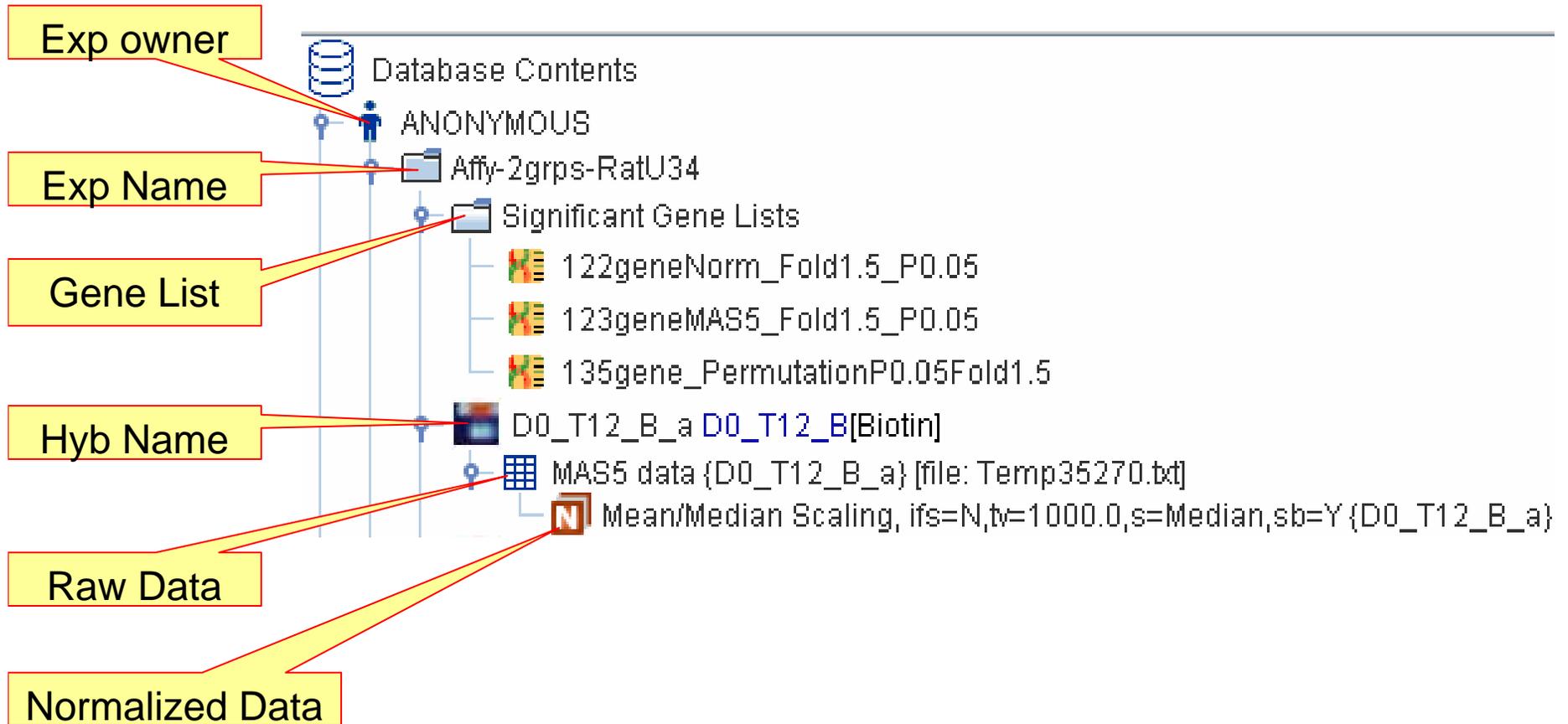


# Tutorial 8: How to create your own workspace



# The structure of the data in ArrayTrack

Data is organized as a hierarchical tree structure:



# Create new user group and experiment

User can create his own group to congregated all the experiments under his own space

**ArrayTrack Testing**  
Database Library Tool Export Help

New Exp

Database Contents

- ANONYMOUS
- CAO
- EPA
- FDATRaining

**Give an unique experiment title**

User Group Name: --Select-- e.g., John Lab; mygrp; Anonymous ...

Experiment Name: --New-- e.g., myexp; Rat treated with drug; ...

Owner ID: ANGEla HARRIS  
ANONYMOUS  
APOGGE  
BRANHAM  
BZAWMSLAK  
CAO

• User Group conducted by the User Group and will be displayed in the database tree

• Experiment Name should be descriptive to the experiment .

to organize a set of experiments played in the database tree  
We recommend that the name you use

OK Cancel

**Create new user group**

**Type in the new experiment name**

**Give an unique experiment title**

User Group Name: My\_Group e.g., John Lab; mygrp; Anonymous ...

Experiment Name: Test e.g., myexp; Rat treated with drug; ...

Owner ID: FQIAN

• User Group Name can be any text. It is used to organize a set of experiments conducted by the User Group and will be displayed in the database tree

• Experiment Name can be any text. We recommend that the name you use should be descriptive to the experiment .

OK Cancel

**Input**

New Item Name:

My\_Group

OK Cancel

# Create Experiment

**Input Form**

Clean Form Print Form Help

**1 Experiment Design**

\* is required

\* Experiment ID: Test

Delete Exp Edit Privileges

\* Experimenter: Date(mm/dd/yyyy): / /

\* Institute: --Select--

\* Exp Types: Select

\* Key words:

\* Exp Description:

\* Phenotype Anchoring: Select

Comments:

Protocol: Import Export

Exp Design Protocol: Import Export

Hybridization Protocol: Import Export

Labeling Protocols: Import Export

RNA Extraction Protocols: Import Export

Manuscript/Reprint: Import Export

Significant Gene List: Import Export

Must Save Exp before continuing.

save the experiment section

**2 Hybridization and Data**

\* Hybridization: --Select-- Save Hyb Delete Hyb

Array Information

\* ArrayType: --Select--

Slide ID:

\* Array Platform: One Channel Two Channel

Slide has: 1 array(s)

Array used: 1 times

Sample & Label Information

Channel 1 Channel 2

\* Sample ID: --Select-- View/Edit

\* Label: --Select--

Label by whom: when(mm/dd/yyyy):

QC Notes for Label:

Hyb Information

Data Import

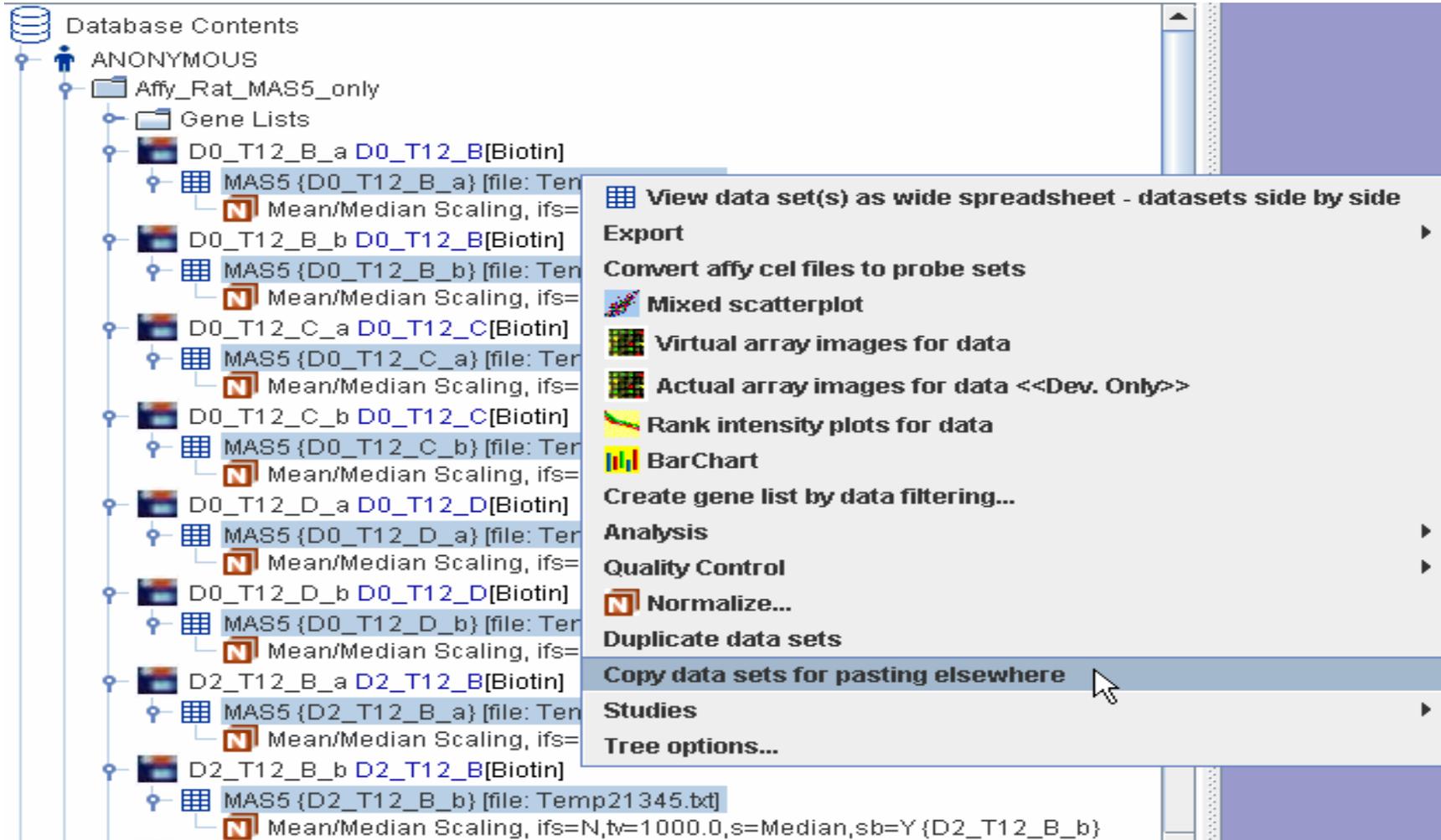
Import

Experiment name

Must save experiment

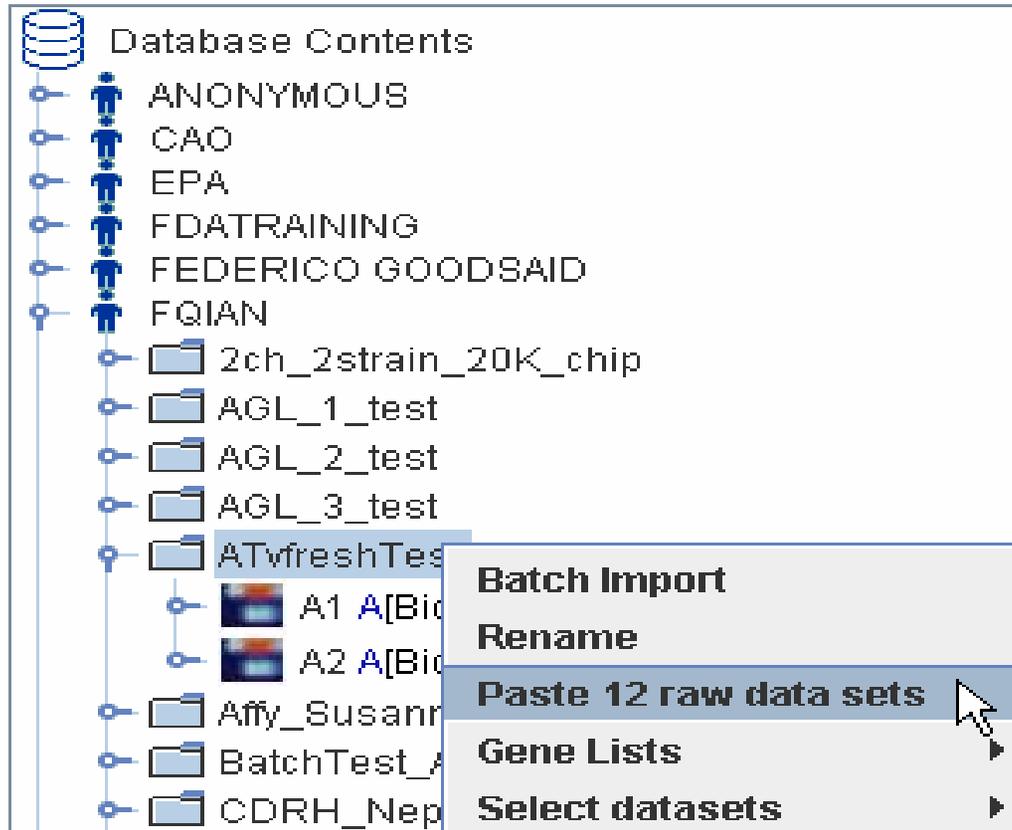
# Copy Experiment

User can also copy experiment from other group and paste it under his own group



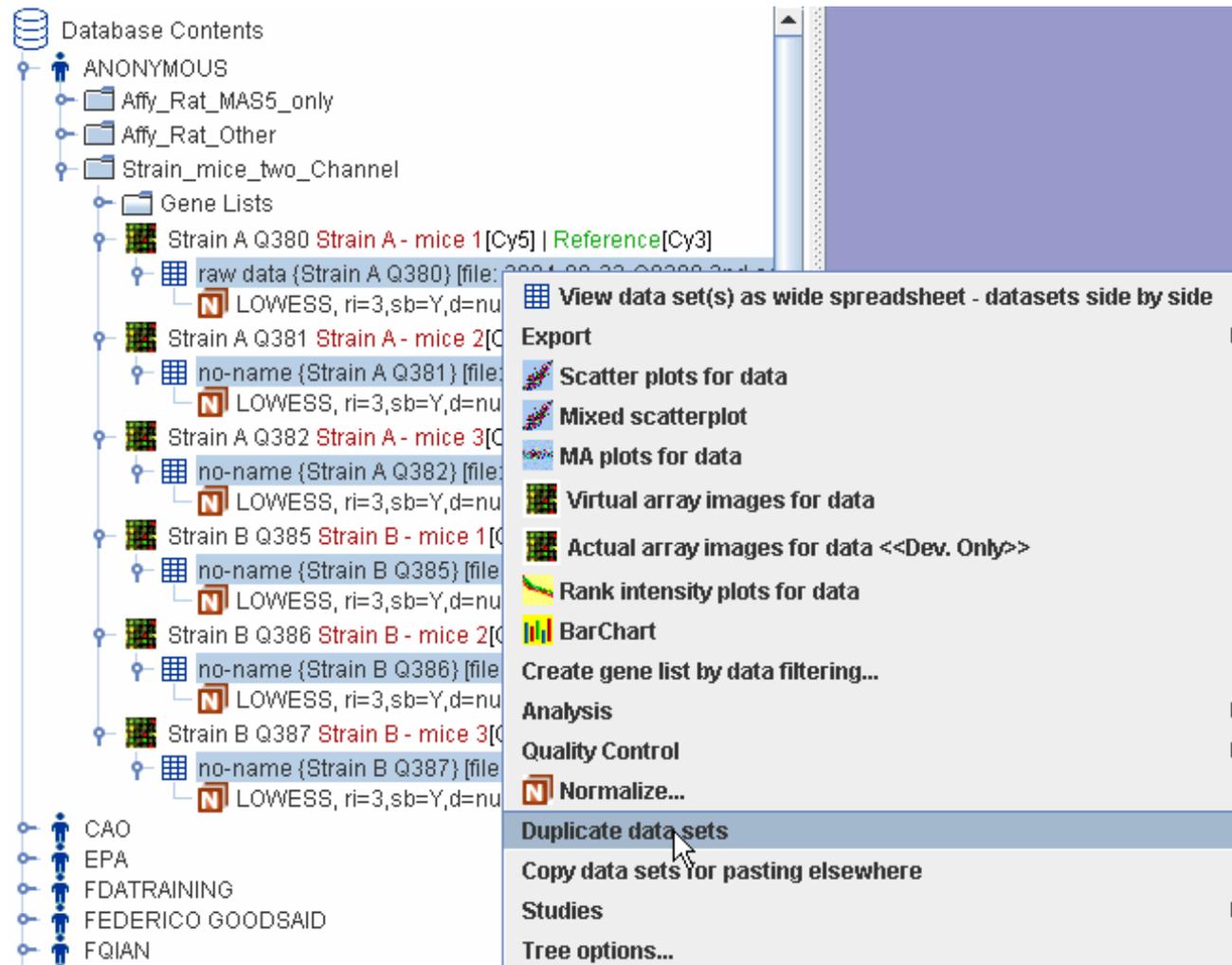
Select the hybridizations to be copied, right-click -> choose "Copy data sets for Pasting elsewhere" 5

# Copy experiment - continued



Right-click the other experiment (for storing the copied data), then choose “Paste # raw data sets”.

# Duplicate an experiment



Select the data to be duplicated, right-click -> choose “Duplicate data sets”. The data sets will be duplicated under the same experiment folder. This is different from copying data that the copied data can be copied to a different experiment.