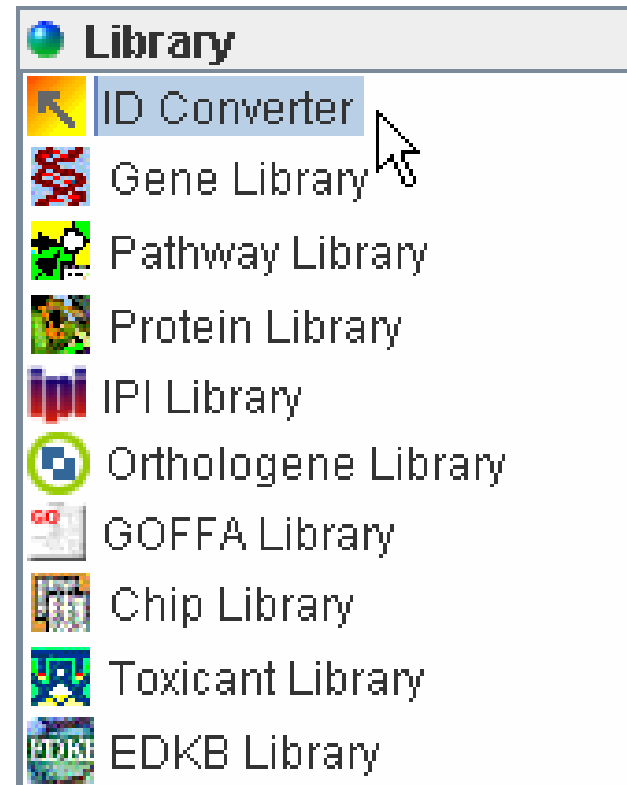# Tutorial 10:
Other Useful Functions

Other Functions in ArrayTrack

1. ID converter
2. Join table
3. Split table
4. Get unique ID

ID Converter

ID converter is a very useful tool that converts one kind of ID to another when user searching libraries with only a few available ID types

Double-click ID Converter
In the Library panel

ID Converter - continued

Select the input ID type

Paste the IDs in this box

Select the output ID type

Join Table

User can join two data tables according to a common ID
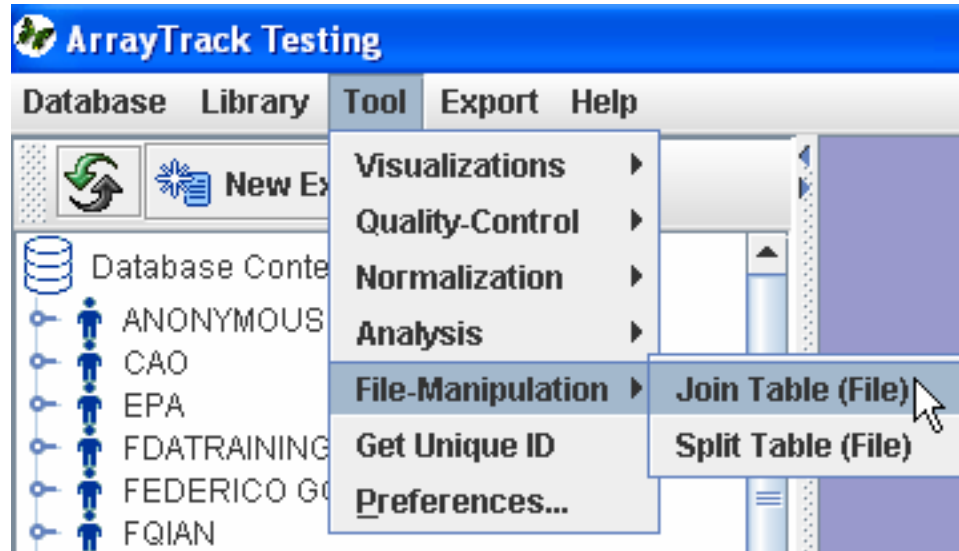
Join Table - continued

Join Table - continued

Highlight the columns for merging

Split Table

ArrayTrack provides a tool for splitting a big spreadsheet to separated files.

Split Table - continued

Click "Open Input File" button
To open the table file
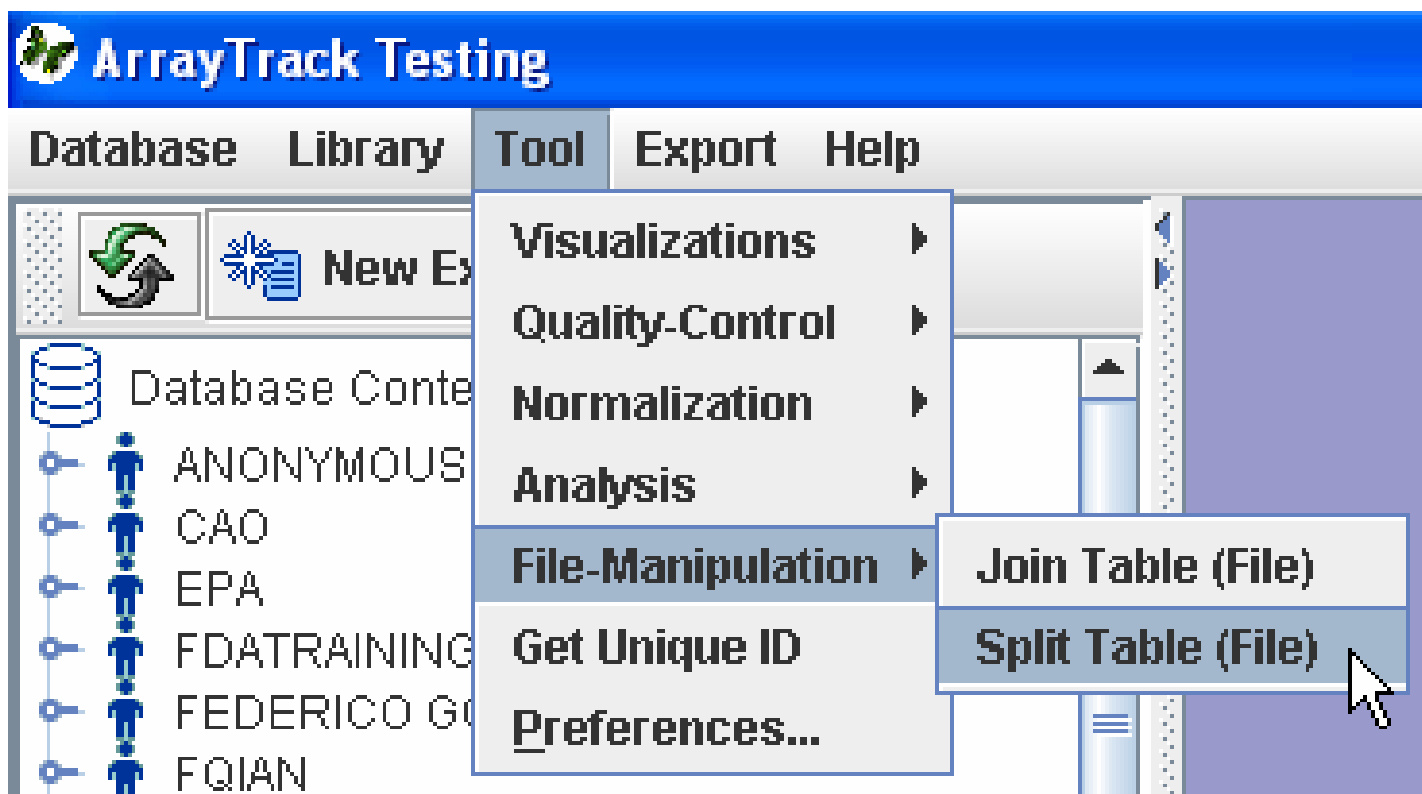
Split Table - continued

Split File

○ By Columns   ○ By Rows

① Step1: Load Input File:

Open Input File	Manually select first data row...

N_DESCR_MFR	GEN_ID_MFR	LOCUSID	POS_...	RE...	SPOTID	{AFX_1_A1} Biotin [A]	{AFX_1_A1} Original Flag	{AFX_1_A2} Biotin [A]	{AFX_1_A2} Original Flag
IM_005505.2 /D...	1552256_a_at	949	1		173067	3798.917	P	3455.846	P
IM_015140.1 /D...	1552257_a_at	23170	2		173068	1646.628	P	1507.641	P
IM_052871.1 /D...	1552258_at		3		173069	187.298	P	197.691	P
IM_080735.1 /D...	1552261_at	10406	4		173070	20.75	A	6.251	A
IM_138957.1 /D...	1552263_at	5594	5		173071	355.916	P	344.965	P

② Step2: Assign first column for the first two dataset:

| First Column for DataSet 1:	✕ {AFX_1_A1} Biotin [A]

First Column for DataSet 2:	✕ {AFX_1_A2} Biotin [A]

Select the column header of the first column for the first dataset, then click button "First Column for dataset 1". Then select the column header of the first column for the Second dataset, then click button "First Column for dataset 2".

③ Step3: Save to folder :

DataFiles Root Directory S:\EKB\FQian\MAQC_main_Affy_Export | Browse |

Click Browse to find the folder to save the split files.

④ Step4: Start saving :

| Split File |

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Get Unique ID

Using this tool, the user can find out how many unique IDs there are in a data file.

Paste the IDs in here
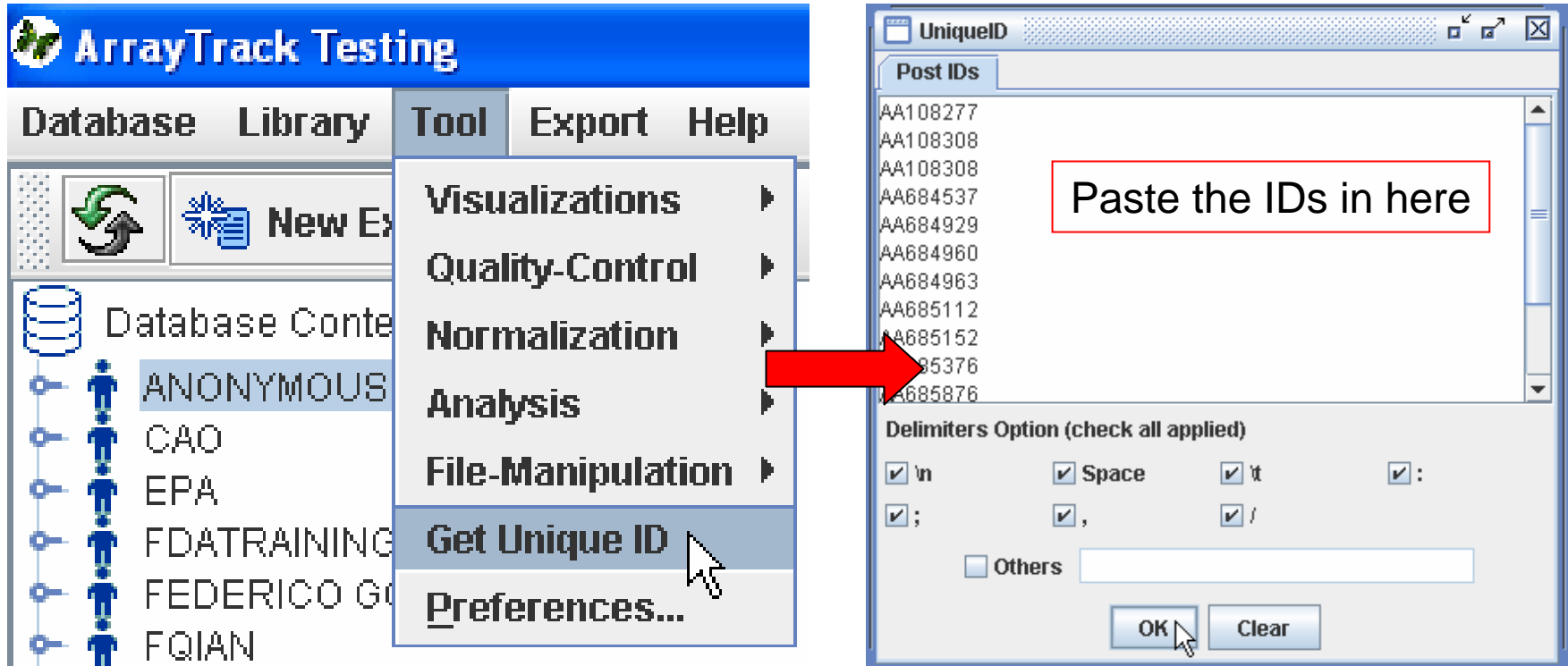
Get Unique ID - continued

The value in Column N represents the frequency of the ID in the data table

This is not an unique ID