

Affymetrix Upload File Formats

UPLOADING MAS5 or GCOS1.1 TO mAdb

Exporting Metrics Data and Associated analysis information:

(This is done after the CEL file has been analyzed and a CHP file has been created.)

- Set Analysis Options in MAS5/GCOS1.1
 - Open the chip file (.chp) of interest
 - Click the Analysis Options toolbar button to open Analysis Option dialog box
 - Click the metrics tab to view export preferences
 - Choose the Save Analysis Info option to include the analysis information with the metrics data for export
 - Choose the Save All Metric Results option to view the save preferences
 - Choose the Save each analysis to a separate file option exports the analysis information and the metrics data for each analysis to a separate text file
 - Click OK button to close the Analysis Option dialog box
- Export Metrics Data in Text Format
 - Open the chip file (.chp) of interest (as necessary), then click the Metrics tab
 - Select File->Save As from the menu bar
 - Select Save as type to be Text File (*.txt). Enter a name for the text file (we suggest the same name as chip file).
 - Click Save to export the metrics data
 - For additional chips, the analysis options need not be re-set each time.

Uploading Data to mAdb:

- Follow the upload link from the mAdb Gateway page
 - Select "Affymetrix Array" from the Array Type drop-down list – must get prior approval from madb-support@bimas.cit.nih.gov.
 - Select the Project, and then hit continue.
- Upload Data File
 - Click Browse button to find the saved Metrics data file (with extension .txt)
 - Click Open to select the file into Data File field.
- Upload Cel File
 - Click Browse button to find the corresponding Cel file (with extension .cel)
 - Click Open to select the file into Cel File field.
 - Click Continue button

NOTE:

1. For Absolute Analysis, only Data File and Cel File for each experiment is required.
2. For Comparison Analysis, the absolute analysis files (Data and Cel) for the reference sample has to be uploaded first. Wait a couple of minutes for the files to be processed. The comparison analysis files(Data and Cel) for the experiment samples will be uploaded with the identification of the reference sample. You do not need to upload the absolute analysis results for your experiment samples. The data for absolute analysis are embedded in the comparison result files.