

## **Affymetrix- Datasets required for Database**

1. For each case, the following data files have to be submitted. (As the files are quite large, one should find an easy way to send the files, most probably as zipped files).
  - GeneChip Cell file (approximately 12 MB)
  - ChipSeq Sequence (approximately 5-15 MB)
  - DAT File (approximately 45 MB)
  - Gene Chip Experiment (2 KB)
  - ChipReport (3KB)
2. For each case, one separate file containing the expression data in Tab Delimited format. For the whole sample examined, one file including the data from all cases in Tab Delimited format.
3. For all cases, in one file (Excel or Tab Delimited format), the following basic data for QC of the arrayed cases:
  - Scale Factor (SF)
  - Noise (RawQ)
  - Background
  - Number present
  - GAPDH/M33197
  - BIOB
  - BIOB
4. RNA quality control data
  - 18S value
  - 28S/18S ratio
  - RIN (if available)
  - If possible send us the raw data file from the Agilent Bioanalyzer (for further investigation by us).

## **cDNA- Datasets required for Database**

1. For each case, the following data files have to be submitted. (As the files are quite large, one should find an easy way to send the files, most probably as zipped files).
  - Image file (.tif)
  - GenePix Array List File (.gal)
  - GenePix Results File (.gpr)
2. For each case, one separate file containing the expression data in Tab Delimited format. For the whole study, one file including the data from all cases in Tab Delimited format. *These files should contain the values for both channels.*

3. For all cases, in one file (Excel or Tab Delimited format), basic data for QC of the arrayed cases.

4. RNA quality control data

- 18S value
- 28S/18S ratio
- RIN (if available)
- If possible send us the raw data file from the Agilent Bioanalyzer (for further investigation by us).