

# ArrayStar®

## A New Way to View Gene Expression Analysis

### Features

- RNA-Seq applications for expanded transcriptome capability from popular Next Generation sequencing platforms
- Compatible with file formats of all major gene expression microarrays
- Supports a wide range of analyses and visualizations to evaluate expression patterns
- Expanded Gene Ontology search analysis capability

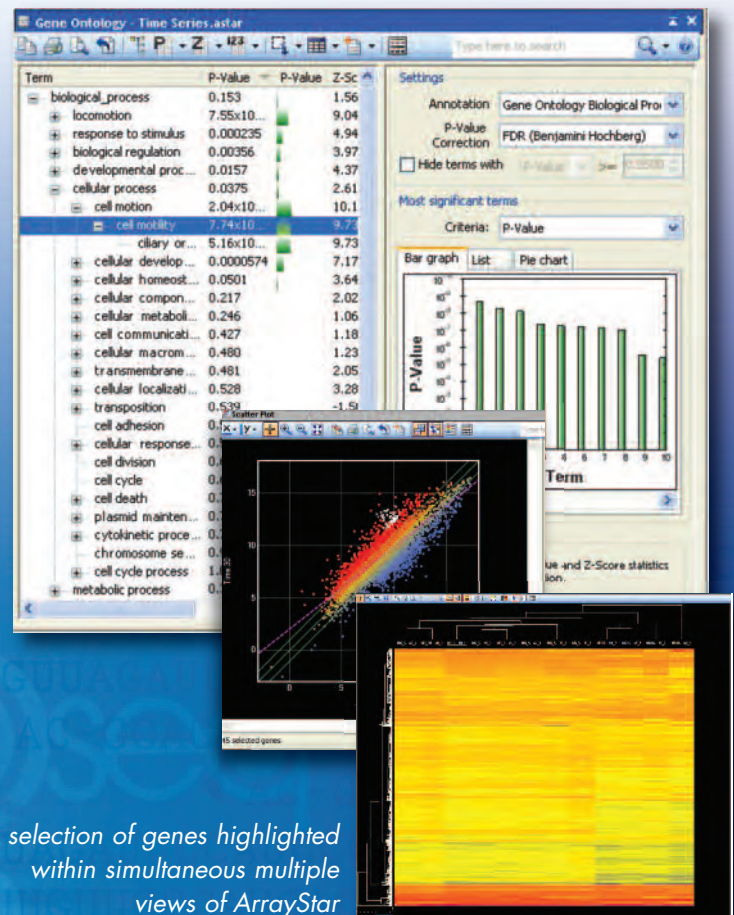
### Plus ArrayStar permits:

- Graphic and sub-grouping analysis of genes for association study analysis
- Cluster images to identify groups of co-regulated genes
- Simplified analysis of Heat Map tree nodes by distance

ArrayStar software helps make your gene expression analysis easy to perform. From its visualization and analysis capabilities with either microarray or sequence data (*through the optional new QSeq module*), desktop expression analysis has never been so easy or fast.

Additional Normalization methods and Gene Characterization search capabilities provide you with powerful genomic analysis tools in one package that eliminate the need to shuffle between confusing assortments of complex, expensive, hard-to-learn software.

Whether it is analyzing complex Next Generation sequencing data or microarray data, ArrayStar and the new QSeq module let you perform the analyses you want with a single user-friendly program.

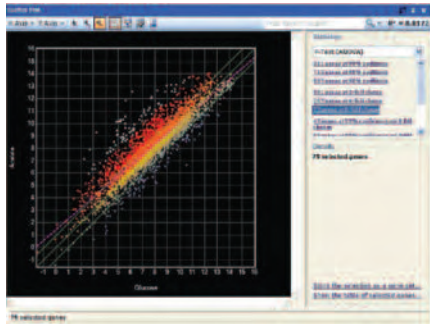
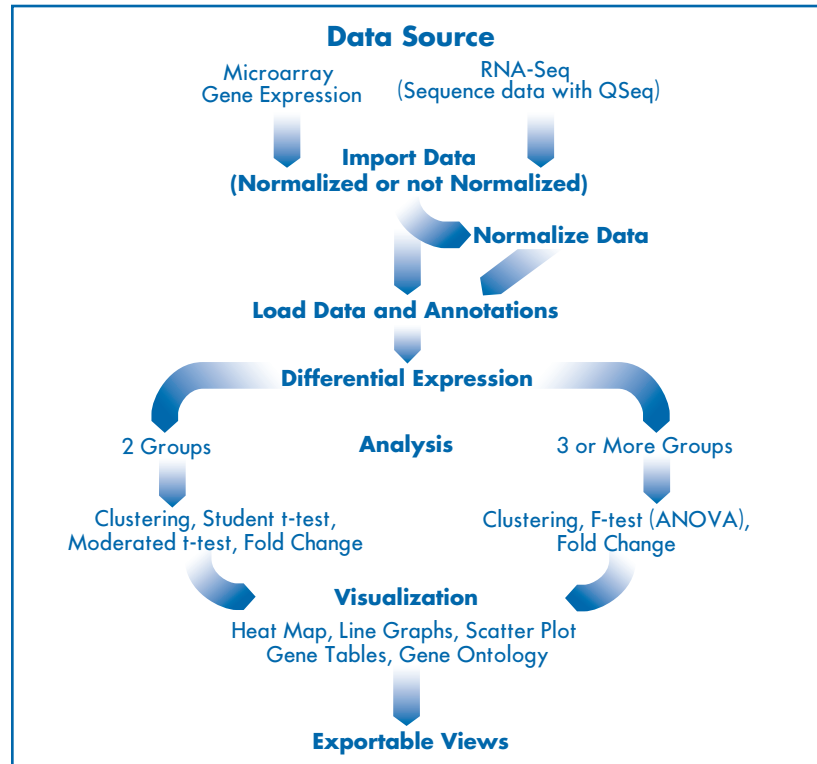


A selection of genes highlighted within simultaneous multiple views of ArrayStar

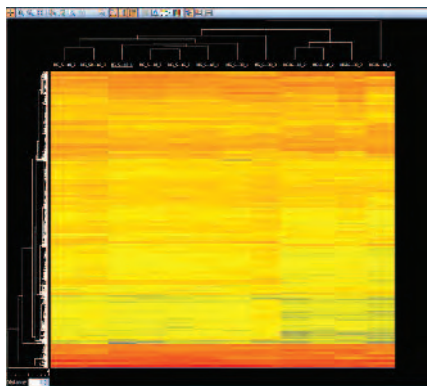
# ArrayStar<sup>®</sup>

## Gene Expression and RNA-Seq Analysis

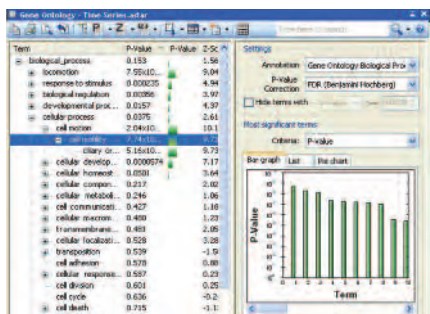
### ArrayStar Workflow



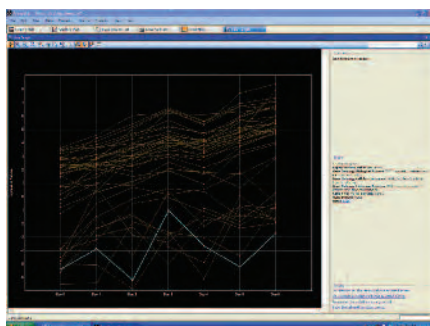
ArrayStar Scatter Plot



ArrayStar Heat Map



Group Genes by Functionality



ArrayStar Line Graph

### Microarray Gene Expression Analysis

- RNA-Seq for advanced transcriptome analysis (QSeq module required)
- Identify expression patterns of genes
- Identify groups of co-regulated genes
- Identify differentially expressed genes
- Annotate for grouping of genes by functionality
- Gene Ontology association analyses

### Minimum Computer Requirements

- Windows XP™ or Windows Vista™
- 1 GHz or faster x86 CPU
- 384 MB of RAM (512 MB RAM on Vista™) QSeq 1 GB of RAM
- 140 MB of available hard drive space; 280 MB if normalizing data
- Internet access (required to install, recommended for NetAffx usage)

For more information, or to order ArrayStar today, please call toll-free in the US and Canada, **1.866.511.5090**

**To receive a fully-functional free trial version visit us at [www.dnastar.com/arraystar/](http://www.dnastar.com/arraystar/)**

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