

Integromics' AB1700 and ArrayUnlock: Two guides powered by Spotfire for analysis and functional interpretation of microarray data

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AB1700Guide (<http://www.integromics.com/AB1700.php>) is an analysis workflow that integrates a wide range of statistical libraries of Bioconductor and outstanding graphical capabilities of Spotfire DecisionSite. Therefore, the AB1700Guide combines the powerful R calculation engine with the interactive graphical capabilities of Spotfire for its guided analytics. This perfect synergy of two very strong applications is providing researchers a complete software suite for analyzing, displaying and interacting with Applied Biosystems microarray data. Within minutes, the user is guided through an easy-to-use application to obtain a reliable list of annotated differentially expressed genes.

ArrayUnlock (<http://www.integromics.com/ArrayUnlock.php>) is an advanced data analysis tool, designed by Integromics (<http://www.integromics.com>) to extract biological knowledge from gene expression data. ArrayUnlock allows users to explore gene expression datasets or large gene lists in order to find the main biological processes associated to the experimental system. It incorporates advanced data mining techniques that provide a global understanding of the underlying biological processes, by integrating external biological information on genes and genes products. The significance of the analysis output is statistically supported.

Our guides enable non-expert users to run analysis within a few minutes. Powerful Statistics (100% Bioconductor), Powerful Visualization (Spotfire DecisionSite), advanced associations between gene annotations and possibility to create reports are part of the benefits.