



Integromics Biomarker Discovery™ (IBD) for TIBCO Spotfire® Custom Output Report Plug-in for GenomeStudio™ Gene Expression Module

Introduction

Integromics Biomarker Discovery™ (IBD) for TIBCO Spotfire® provides an analytic environment for scientific exploration and analysis of genomic expression data, which facilitates the identification of statistically meaningful results, expression patterns and biologically-relevant insights. Dynamic linked visualizations coupled with the ability to interactively filter your results ensure an optimal end-user experience, answers to questions on demand and unmatched breath of insight.

A series of step-by-step workflows guide the analysis from start to finish, integrating advanced statistics and interactive visualizations to extract significant biological signals, this enables users of all levels to produce meaningful and reliable results. Each guided workflow contains a unique configuration of data access, quality control, analysis tools and process support for specific expression platforms, allowing fast informed decision-making. Workflows promote consistency and best practices while allowing maximum flexibility in analysis.



For a 15-day trial access, webinars, training and other information visit:
<http://www.integromics.com/IBD.php>

Installing the Custom Output Report Plug-in

The Integromics Biomarker Discovery™ (IBD) for TIBCO Spotfire® Custom Output Report Plug-in is a software plug-in that works with the GenomeStudio Gene Expression Module v1.0 and above. This plug-in allows you to create input files (Sample Probe Profile, Control Probe Profile) for analysis with IBD.

Perform the following steps to install the IBD Custom Output Report Plug-in on your computer:

1. Download the IBD Custom Output Report Plug-in bundle (*.zip) from the illumina•connect website, www.illumina.com/software/illumina_connect.ilmn or the GenomeStudio Portal.
2. Run the IBD Custom Output Report Plug-in setup program.

The GX Custom Output Report Plug-in is installed on your computer.

Using the IBD Custom Output Report Plug-in

To create a Sample Probe Profile and/or Control Probe Profile for import in IBD you have to perform the following steps:

1. Open a gene expression project using the GenomeStudio Gene Expression Module.



2. In the main menu, select Analysis | Reports.

The GenomeStudio Gene Expression Reports dialog box appears.

In the GenomeStudio Gene Expression Reports dialog box, select Custom Report and choose either **IBD Custom Sample Probe Profile** or **IBD Custom Control Probe Profile** from the dropdown menu.

The table on the next page of this document includes descriptions of the input parameters.

Click **OK** to start the report.

A progress bar shows the status of the report.

When the report has finished processing, a dialog box asking “Would you like to view this report?” appears.

Click **Yes** to display a text file showing the location of the output file.



The report output file may be too large to display in your default text file viewer. If this is the case, you can open the report output file using WordPad.



TECHNICAL SUPPORT:

Direct questions about the IBD Custom Output Report Plug-in for GenomeStudio Gene Expression Module to Integromics Technical Support at: support@integromics.com

About INTEGROMICS

INTEGROMICS, S.L. provides IT solutions for Life Sciences (Genomics and Proteomics). In the post-genomic era, Integromics S.L. offers state-of-the-art products, services and training in two strategic areas: data management/integration and intelligent data analysis. The company has developed a network of collaborations both in industry and academia to provide complete technological solutions that will help our clients to achieve their goals. Integromics S.L., was founded in 2002 and is based in Granada, Spain, with offices in Madrid (Spain) and Philadelphia (USA). Integromics Inc. is a wholly owned subsidiary which was established in 2007. For more information, visit <http://www.integromics.com/>