

Ingenuity® iReport™

The fastest and most accurate way to get biological meaning from your expression data.

Overview

Ingenuity® iReport™ is a revolutionary new series of interactive reports for researchers who need to understand RNA-Seq, microarray, and real-time PCR data.

Current approaches to analyzing expression data often require complex software, statistical know-how, and informatics training. In contrast, Ingenuity iReport is an easy, stand-alone report that eliminates these obstacles by providing a fully integrated, one-step solution for statistical and biological analysis. Its unique combination of interactive and visualization tools helps you quickly identify significant genes, molecular interactions, pathways, diseases, and processes most relevant to your experiment, resulting in a deeper biological understanding of your experimental results and a more efficient way to rapidly translate a single experimental dataset into actionable biological insights.

Upload your data for a free preview of your iReport:
www.ingenuity.com/getireport/

How Does It Work?

Ingenuity iReport takes raw expression data and transforms it into a customized, interactive report that clearly summarizes the affected biology. It quickly provides you with a list of significantly differentially expressed genes, along with easy, intuitive tools that help you better identify and understand interesting biological insights and connections.

- **Easy:** Ingenuity iReport reduces data processing bottlenecks by providing a single source for statistical and biological analysis in one accessible step.
- **Interactive:** Ingenuity iReport provides interactive tools to help you visually organize and filter your results, so you can quickly and effectively narrow in on the biology most relevant to your own experimental data.
- **Accurate:** Ingenuity iReport leverages the Ingenuity® Knowledge Base, a manually reviewed repository of millions of biological and chemical findings from peer reviewed literature and commonly used databases, so you can quickly relate known biology to your experimental results.

Benefits

Researchers: Save time and resources by more quickly extracting actionable and accurate biological insights from your experimental data without getting bogged down in complex statistics. Get better and more useful insights by leveraging highly interactive tools that quickly identify the results most biologically relevant to your particular experimental question.

Core Labs: Deliver improved customer service by providing more compelling, accurate, and easily interpretable results that enable publications. Benefit from using a web-based, consumable product that seamlessly integrates into existing operations without the hassle of software licensing, installation, or maintenance.



"iReport's smooth workflow gets me quickly to a summary of my experimental data and lets me easily focus in on genes most relevant to my experimental question. Everything I need to understand the biological meaning of my data is right at hand – interactive tables, genes, pathways, literature findings, biomarker information, and more. It drastically reduces the time it takes to identify genes that are worth following up on – it is amazing how quickly I can go from experimental results to biological insights."

*-Dr. Chan Whiting, Senior Research Scientist
Stanford University, CA*