

INGENUITY PRODUCTS AND SERVICES: Ingenuity Analysis Services

Overview

Ingenuity Analysis Services are professional services that provide you with fast, accurate answers when you don't have time to explore the data yourself, or when you need the confidence that your results were generated using best practices and reliable information. Our team of experts can help you:

- Analyze and interpret data quickly and reliably
- Generate testable hypotheses and provide clear direction for follow-up experiments
- Create clear report summaries and or graphics for presentations or publications

Services:

When would I use Analysis Services?

- You have data from SNP chips or microarray, proteomics, or metabolomics experiments (*data analysis services*)
- You have smaller lists of genes, proteins, or chemicals (*custom pathways, analysis services, publication services*)
- You have single genes, proteins, or chemicals of interest (*custom pathways, publication services*)

Service projects are customized to meet your needs. Some common types of projects include:

Custom pathways: When you need to understand key genes or processes in a system of interest, validate experimental assumptions, understand the biological effects of chemicals, or just gain a better understanding of the biological context of your genes of interest, Ingenuity scientists can help by creating a custom interactive pathway that reflects the relationships for your genes or chemicals of interest and other biological themes (such as diseases, signaling pathways, phenotypes, and drug targets).

Data Upload and Analysis Services: Ingenuity scientists will properly format and upload your dataset, and then run an analysis to understand such things as biological impact due to time and dose effects, key mechanistic differences between various patient populations, relationship of molecular events to higher-order cellular and disease processes, and relevance to organismal physiology and pathophysiology. In addition, you will receive written documentation of how the work was performed, what parameters were used, and obtain a written copy of the results.

Publishing Services: If you have no time to create top-notch presentations from your materials, Ingenuity scientists will create interactive, publication-quality, biologically accurate pathways that help you clearly communicate the core of your findings in publications or presentations. Reference lists can also be created.

All services also include a complete list of references used to complete the project and a one-on-one consultation with the consulting Ingenuity scientist, enabling you to:

- Understand how IPA was used to generate results, enabling you to replicate or explain the process
- Understand the methodology, data parameters, and other important aspects of the results
- Discuss results with an Ingenuity subject expert to ensure that your questions have been answered

Our website includes a complete list of acceptable identifier types and other guidelines for data submission. To view this information, please visit www.ingenuity.com/products/analysis_services.html.

To learn more, please contact analytics@ingenuity.com or call 650.381.5111.