

Case Study: Small Pharmaceutical Company and Ingenuity Variant Analysis

Introduction

This case study of a small business pharmaceuticals company is based on a March 2013 survey of Ingenuity Systems customers by TechValidate, a 3rd-party research service. The profiled company asked to have their name blinded to protect their confidentiality.



“The Ingenuity Variant Analysis platform allowed us to start analyzing our samples faster than building our own informatics pipeline. It also made it easier to customize the analytical approach. The filter settings could be easily modified. Overall it made analysis easier and faster.”

Challenges

- Solved the following challenges by deploying Ingenuity Variant Analysis:
 - Realized faster and easier identification of causal variants
 - Reduced the need for developing own informatics pipeline
 - Enabled independent study without the need for specialized bioinformatics skills
- Purchased Ingenuity Variant Analysis for the following reasons:
 - Reduce time to identify variants worth following up on

Use Case

- Uses the following applications with Ingenuity Variant Analysis:
 - DNA sequencing – Whole Exome
 - Illumina Omni DNA Array
- Sequencing data is from the following platforms:
 - Illumina Genome Analyzer (GA) / HiSeq
 - Illumina Omni DNA Array

Results

- Chose Ingenuity Systems over the following solutions:
 - PLINK
- Rated the following Ingenuity Variant Analysis capabilities in terms of how differentiated they are compared to other data analysis solutions:
 - Speed: 5 (strongly differentiated)
 - Accessibility/ ease of use: 4 (very differentiated)
 - Sharing with colleagues/peers: 3 (differentiated)
 - Security: 3 (differentiated)
- Is very satisfied with the ease of use of Ingenuity Variant Analysis.

Company Profile

The company featured in this case study asked to have its name publicly blinded because publicly endorsing vendors is against their policies.

TechValidate stands behind the authenticity of this data.

Company Size:
Small Business

Industry:
Pharmaceuticals

About Ingenuity Systems

QIAGEN offers industry-leading applications for the analysis, interpretation, and reporting of biological data.

Understanding raw data is one of the most significant challenges in modern molecular methods. Data must be examined within the context of complex biological processes, and rapidly increasing throughput makes analyses time and labor intensive. QIAGEN's portfolio of powerful tools addresses this bottleneck with innovative applications based on cutting-edge bioinformatics.

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