

Case Study: Semmelweis University

Introduction

This case study of Semmelweis University is based on a July 2013 survey of Ingenuity IPA customers by TechValidate, a 3rd-party research service.



“[IPA provides] complex, integrated analysis, pathway analysis, and super visualization.”

Challenges

- Solved the following challenges since deploying IPA for RNA sequencing analysis:
 - Improved understanding of the structure of different isoforms
 - Improved precise measurement of transcripts
 - Can now distinguish different isoforms
 - Can more clearly identify biologically relevant isoforms
- Purchased IPA for RNA sequencing analysis for the following reasons:
 - Interpret the impact of expression changes in the context of biological processes, disease and cellular phenotypes, and molecular interactions

Use Case

- Uses the following species in their RNA seq analysis:
 - Humans
- Uses the following upstream analysis packages to generate RNA-Seq expression values:
 - CLC bio

Results

- Purchased IPA for RNA seq analysis over the following competitors:
 - In-house developed software
 - CLC Genomic Workbench
- Rates the following IPA capabilities compared to the competition:
 - Faster time to insights: differentiated
 - Ease of use: differentiated

Organization Profile

Organization:
Semmelweis University

Industry:
Educational Institution

About Ingenuity IPA

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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