Case Study: Educational Institution

Introduction

This case study of a educational institution is based on a July 2013 survey of Ingenuity IPA customers by TechValidate, a 3rd-party research service. The profiled organization asked to have their name blinded to protect their confidentiality.

> "I appreciate the insight from IPA analysis, especially from upstream regulator analysis."

Challenges

- Solved the following challenges since deploying IPA for RNA sequencing analysis:
  - Can now distinguish different 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
  - Compile targeted bibliographies with experimental evidence linking their differentially expressed isoforms to biological processes, disease, and molecular interactions

Use Case

- Uses the following species in their RNA seq analysis:
  - Humans
  - Mice
- Uses the following upstream analysis packages to generate RNA-Seq expression values:
  - Use R and perl

Results

- Purchased IPA for RNA seq analysis over the following competitors:
  - In-house developed software
- Rates the following IPA capabilities compared to the competition:
  - Faster time to insights: highly differentiated
  - Ease of use: differentiated
  - Novel insights: highly differentiated
  - Deeper analysis: highly differentiated
- Saved 1 to 3 days per analysis with IPA for their RNA seq analysis.
- Is very satisfied with the value for identifying biologically relevant isoforms from RNA seq data using IPA.
- Increased the productivity of their bioinformatics staff for RNA seq analysis by 2 to 5x with IPA.

Organization Profile

The organization 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.

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.

Learn More:

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Ingenuity IPA

Source: TechValidate Survey of a Educational Institution

Validated Published: Sep. 3, 2013 TVID: 8E8-65B-F8C

Research by TechValidate by SurveyMonkey