

Case Study: State and Local Government

Introduction

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



“IPA provides access to functional annotation of high throughput data in an easy way.”

Challenges

- Solved the following challenges since deploying IPA for RNA sequencing analysis:
 - Improved precise measurement of transcripts
 - 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
- Uses the following upstream analysis packages to generate RNA-Seq expression values:
 - Cufflinks/Cuffdiff
 - DESeq
 - EdgeR
 - Partek

Results

- Purchased IPA for RNA seq analysis over the following competitors:
 - GeneGo
- Rates the following IPA capabilities compared to the competition:
 - Ease of use: highly differentiated
- Is satisfied with the value for identifying biologically relevant isoforms from RNA seq data using IPA.

Organization Profile

Organization:
CRP-Sante

Organization Size:
State & Local

Industry:
Government

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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