

Democratizing Metagenomic Testing

BioUtah E&I Summit • February 2020

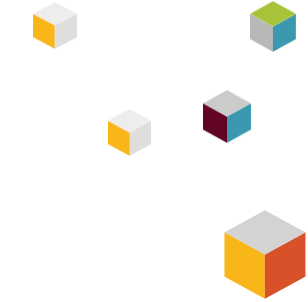
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Proprietary & Confidential



Explify – Metagenomic Testing as a Computational Task

Powered by Complex Science & Tech



Sample Integration



QA / QC



Metagenomic Analysis



Clinical Review



Report Generation

Digitizing



Controls & Protocols

Library Prep QC

cDNA/DNA Libraries

RNA & DNA

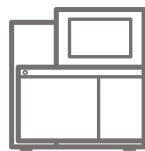


Extract

NGS

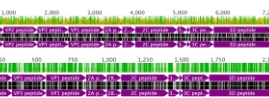
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Millions of DNA Sequences

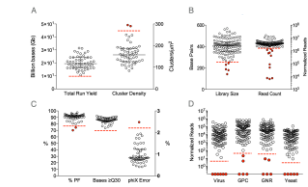


Sequencing

Analyzing, Interpreting, Reporting



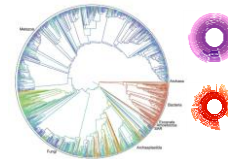
Protein-Level Classification



Run-Level

Sample-Level

Detect Pathogens

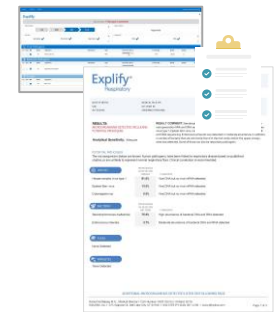


Interpret Results

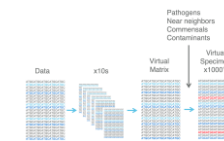


AI / ML

Diagnostic Report



50,000+ Microorganisms
 3,000+ Pathogens



Clinical Review Portal (Optional)

Fully Automated Transfer into Lab Information System in Less Than 1 Hour

Funding History

- Series A, \$9M, 2016
- Series B, \$20M, 2019