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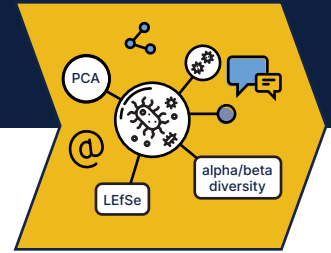
1. Upload Your Raw Data



2. Choose Your Workflow



3. Upload Your Metadata



4. Create Comparative Analyses, Run Statistics & Interpret Your Data

Benefits of CosmosID-HUB

Usability & Access



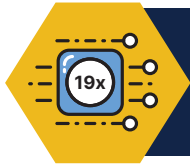
Save costs on computational infrastructure through cloud-based data



Centralized storage hub for your fastq and its associated clinical and experimental metadata



Be safe with a secure & encrypted HUB account



Save time with pipelines up to 19X faster than open-source tools



Command line functionality for Bioinformaticians/Automation

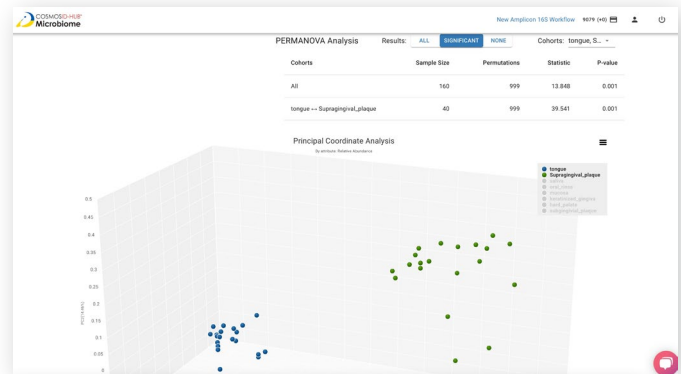


Seamless integration with Illumina BaseSpace and NCBI SRA



Their unique online portal for microbiome data mining is a tremendous resource for researchers without a bioinformatics background.

Richard Murphy, PhD – Research Director – Alltech



Bray-Curtis Beta Diversity PCoA with PERMANOVA statistical test




Their user interface for data analysis is a great tool for teams that need bioinformatic and analytic support.

Jennifer Wargo - MD Anderson Cancer Center



Benefits of CosmosID-HUB


Analysis & Data Usage



Optimized & validated 16S, ITS & Shotgun Analysis, All in one place!




Strain-level resolution for your Shotgun Metagenomics data!




Characterize any sample type with our curated genome/gene databases



Benefit from standardization via database version control



Benefit from higher precision with our machine-learning filters



Create your own reports & publications through exportable charts & visualizations

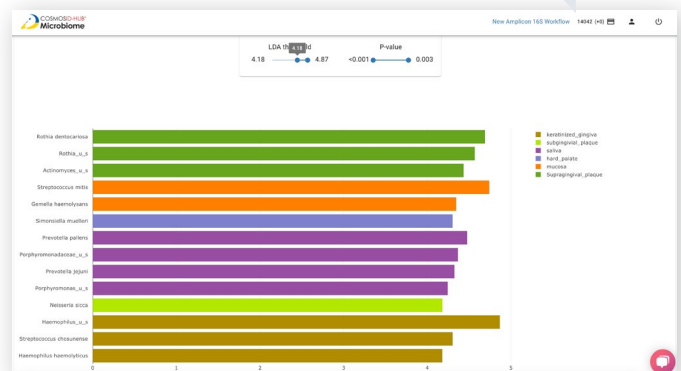


Shannon Alpha Diversity Box Plot with Wilcoxon Rank Sum statistical test



The CosmosID-HUB has been an amazing and user-friendly online platform to support my research, providing me with a tool that easily generates very attractive charts and visualisations from my analysis. I would recommend the platform to any scientist or student undertaking projects in the microbiome field.

Roshan De Silva - Plant Pathologist
Coconut Research Institute of Sri Lanka



LEfSe differential abundance bar chart

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