Exploring Microbial Diversity Through a Comprehensive Metagenomic Analysis Pipeline







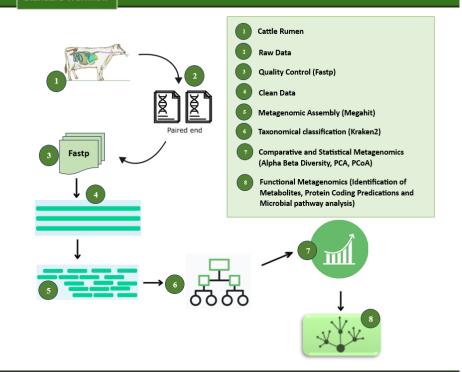
Standard Workflow

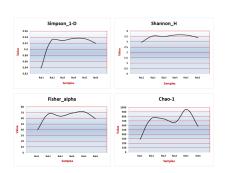
Overview

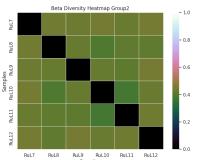
In this metagenomics analysis, quality checks of the raw reads were conducted, followed by the generation of clean reads. These clean reads were then subjected to metagenome assembly. Taxonomic classification was achieved, revealing the abundance and diversity of bacteria and archaea. This approach provided a comprehensive view of the microbial landscape within our metagenomic dataset.

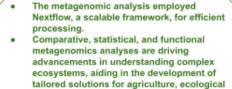
Motivation

Discover how metagenomics is revolutionizing animal health, offering personalized care, early disease detection, and enhanced agricultural practices. Join us in shaping a brighter future for animal well-being and environmental conservation through cutting-edge metagenomic insights.









 conservation, and human health.
This analysis signifies the future potential of scalable metagenomics in diverse fields, including agriculture, environment, and health research.

