

Microbialtec Built Bacterial 16S Sequencing Platform with Efficient Standard Service Procedures

New York City, New York Jan 30, 2023 ([Issuewire.com](https://www.issuewire.com)) - Microbialtec, the division of Creative Biogene, is dedicated to providing customers with a one-stop microbiology solution. With an overall microbiological research platform, Microbialtec supports a wide range of microbiological research-related issues including sample collection, preservation methods, preliminary experiments and effect evaluation, experiments, and data analysis. Creative Biogene is dedicated to assisting researchers in exploring the hidden mysteries between microbes and health, production, and the environment to make better use of microbial resources. Recently, Creative Biogene announced the release of its [bacterial 16s sequencing](#) with efficient standard service procedures, high-quality experimental data, and comprehensive bioinformatics analysis.

The sequence characteristics of 16S rDNA molecules have changed the basis of molecular biology for the phylogenetic classification of related species at different taxonomic levels. Currently, 16S rDNA sequence information has been widely used in bacterial identification and phylogenetic studies. Creative Biogene has experienced researchers and advanced sequencing platforms, and will customize experimental protocols according to customer requirements and provide one-stop services. Creative Biogene has a complete quality management system and is ISO 9001:2015 certified to provide services in compliance with GMP standards.

Creative Biogene has accumulated many years of experience in bacterial 16S rRNA sequencing. The advanced sequencing platform ensures efficient and standard service processes, high-quality experimental data, and comprehensive bioinformatics analysis, including bacterial DNA extraction, PCR amplification, purification, and sequencing and analysis.

Because archaea are more difficult to cultivate than bacteria, 16S rRNA gene sequencing is the preferred method to study the origin and evolution relationship of archaea. 16S rRNA gene sequencing is the preferred method for studying the origin and evolution of archaea. Creative Biogene's proprietary microbial database comprehensively covers archaeal 16S rRNA gene information.

18SrRNA gene has been widely used in the identification of microalgae, protozoa, and other eukaryotic microorganisms and molecular systematic research. Creative Biogene has accumulated many years of experience in eukaryotic microbial 18S rRNA sequencing, and its advanced sequencing platform ensures efficient and standard service processes, high-quality experimental data, and comprehensive bioinformatics analysis.

"Creative Biogene provides GMP-compliant microbial identification services using proven innovative technologies. Our method is faster and more reliable than currently used phenotyping methods." said Marcia Brady, the marketing director of Creative Biogene, she also added, "With experienced researchers and advanced platforms, as well as a sound quality management system, we can customize experimental programs according to your needs."

About Microbialtec Platform

As a division of Creative Biogene, the Microbialtec platform has an experienced technical team involving molecular biology, medicine, bioinformatics, and statistical ecology. With 10 years of front-line scientific research experience, Creative Biogene supports customers with an overall microbiological research

program and is capable to satisfy customized needs at affordable prices.

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