

# META-GENOMICS SERVICES



## META-GENOMICS ANALYSIS

Meta genomics is the study of genomic content in a complex mixture of microorganism. We provide meta genomics services for Biotech , Environmental , Medicine , Agriculture , Bio-Energy Microbial Forensic Research and analyse a diverse variety of samples and sample matrices.

**16S rDNA based molecular identity || RFLP based molecular protocol || Identification of bacteria in a consortium || Phylogenetic Traits**



## OUR SERVICES

The primary goals of Meta-Genomics are to characterise the organisms present in a sample and to identify what roles these organism may have within a specific environment. Using NGS it is possible to study microbial communities by sequencing the gene of choice (e.g. 16S, V3, V4 regions) or the whole genome or transcriptome without the need for culturing:

### TAXONOMIC PROFILING :

Microbial communities can be characterised by sequencing hyper-variable regions of 16s / 18s rRNA. We provide 16s / 18s rRNA microbial identification services for research projects .

**16s/18s rRNA based molecular identity || Identification of bacteria in a consortium || Phylogenetic Tree**

## WHOLE GENOME SHOTGUN SEQUENCING

Metagenomic Whole Genome shotgun sequencing helps to evaluate and to detect the abundance of microbial diversity under various conditions. It can provide information not only on species composition and abundance, but also on functional genes, gene differences between samples, metabolic pathways and gene resource mining for bioactive products.

### QUOTATION & ORDERING :

For quotation request mail at : [mail@allelelifesciences.com](mailto:mail@allelelifesciences.com) or  
Call - + 91 - 9891179928

## SAMPLE SUBMISSION FORM

### CUSTOMER INFORMATION

Name :

Address :

Phone :

E.mail :

### SAMPLE INFORMATION

#	Analysis Required	Sample Information	No. of Samples	MSDS
				Y/N

### ANALYSIS INSTRUCTION

### AUTHORIZATION SIGNATURE

### DATE

For Office Use Only	Comment	
Received By		Date
Forwarded to		Date

## MSDS QUESTIONNAIRE

<b>Description of Sample(s):</b>	
<b>Material Composition/List of Ingredients?</b>	
<b>Is License required to handle sample?</b>	
<b>Is the sample a Biological Agent?</b>	
<b>Is Sample Radioactive?</b>	
<b>Physical Characteristics?</b>	
<b>Hazard/Transportation Labels?</b>	
<b>Does your Institution specify any specific Personal Protective Equipment (PPE) to your staff for handling sample(s)?</b>	
<b>Does your company specify any specific Sample Containment?</b>	
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### OTHER INSTRUCTION