

A new tool in our suite of microbial solutions:

Shallow Shotgun Metagenomic Sequencing

Is shallow shotgun metagenomic right for my studies?

- **Improved accuracy to amplicon sequencing** in species-level taxonomic profiling and functional analysis for microbiome studies.
- **Cheaper alternative to shotgun metagenomic** with comparable taxonomy information for large-scale gut microbiome studies.
- **Unbiased insight (no PCR bias and unrestricted by amplification regions) into microbial composition** and is suitable for longitudinal studies.

16S Full-Length Amplicon	Amplicon Sequencing	Shallow Shotgun Metagenomic	Shotgun Metagenomic
Per sample from USD 270	Per sample from USD 50	Per sample from USD 170	Per sample from USD 360
10K-40K clean reads Qiime2 Analysis Pacbio Sequencing	50-100K raw tags 16S/ITS/18S/Customized Primer Qiime1/Qiime2 Taxonomy Annotation	1-2GB Taxonomy Annotation Statistics and Taxonomy Abundance Analysis	6-12Gb Assembly Gene Prediction Taxonomy Annotation Function Annotation Antibiotic Resistant Gene Annotation

Note: Price listed here includes library prep, sequencing and standard analysis. Pricing may change for projects without standard analysis. DNA extraction, sample shipment, data delivery and customized analysis will incur additional costs.

Sample Recommendations

- High biomass with low-host contamination microbial samples recommended.
- Accept a wide array of samples that includes:



Stool and Saliva Samples



Vaginal, Oral and Rectal Swabs



Pre-extracted DNA

Note: We are able to perform DNA extraction, please reach out to us for more information.

Bioinformatics Analysis Information Provided

- Sequencing Quality Control Information
- Trimmed sequences, host DNA-depleted, adaptor-removed FASTA data
- Species-level Taxonomy Annotation with Kraken2
- Related taxonomy abundance tables and analysis
- Statistical Analysis and Significance tests

Project Turnaround Time (TAT)

Depending on the size of the project, our standard turnaround time for Shallow Shotgun Metagenomic is between four and six weeks. However, it can be adjusted to meet your project needs. Please contact us for an estimate regarding the turnaround time for your project.

Discover our comprehensive suite of NGS microbial solutions



Metagenome Solutions

Amplicon Seq
16S Full Length Amplicon
Shallow Shotgun Metagenomic
Shotgun Metagenomic



Bacteria Solutions

Bacteria Whole-Genome Seq
Bacteria Complete Map



Fungal Solutions

Fungal Whole-Genome Seq
Fungal Survey
Fungal Fine Map



RNA Solutions

Prokaryotic RNA Seq
Metatranscriptome

Visit web.novogene.com/AMEA-SSMS for more information.

For Research Use Only. Exclusive for clients in AMEA (Asia Pacific, Middle-East & Africa).

NovogeneAIT Genomics Singapore Pte. Ltd.
(Regional Office for Asia Pacific, Middle-East & Africa)

25 Pandan Crescent #05-15 TIC Tech Centre,
Singapore 128477
© 2022 Novogene Co., Ltd. All Rights Reserved.
Pub no: AMEA.SSMS Promo Flyer. v1.20220707

e: marketing_amea@novogeneait.sg
t: +65 8823 3182

en.novogene.com

