

Microbiome Sequencing Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the microbiome sequencing market looks promising with opportunities in drug discovery, genetic screening, disease diagnosis research, and personalized medicine. The global microbiome sequencing market is expected to grow with a CAGR of 17%-19% from 2020 to 2025. The major drivers for this market are increasing focus on human microbiome therapy, rising government initiatives for microbiome research, and growing research activities for early disease diagnosis.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global microbiome sequencing market report, please download the report brochure.

In this market, sanger sequencing is the largest sequencing technology segment of microbiome sequencing , whereas pharmaceutical and biotechnology is the largest end user. Growth in various segments of the microbiome sequencing market are given below:

The study includes trends and forecast for the global microbiome sequencing market by sequencing technology, component, laboratory type, application, end user, and region as follows:

By Sequencing Technology [Value (\$ Million) shipment analysis for 2014 – 2025]:

Sanger Sequencing

High-throughput Sequencing

Sequencing by Synthesis (SBS)

Sequencing by Ligation (SBL)

Shotgun Sequencing

Targeted Gene Sequencing (TGS)

RNA (Ribonucleic Acid) Sequencing

Whole Genome Sequencing (WGS)

Others

Third-Generation Sequencing

By Component [Value (\$ Million) shipment analysis for 2014 – 2025]:

Reagents and Kits

Instruments

Liquid Handling Instruments

Cytometers

Imaging Devices

Microplate Reader

By Laboratory Type [Value (\$ Million) shipment analysis for 2014 – 2025]:

Dry Labs

Wet Labs

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Drug Discovery

Genetic Screening

Disease Diagnosis Research

Personalized Medicine

Others

By End User [Value (\$ Million) shipment analysis for 2014 – 2025]:

Pharmaceutical and Biotechnology

Academic Centers and Research Institutes

Contract Research Organizations

Others

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

China

India

Japan

The Rest of the World

Brazil

Some of the microbiome sequencing companies profiled in this report include Thermo Fisher Scientific, Illumina, Qiagen, Molzym, Novogene, Allele, Baseclear, BGI, Biolog, and Biomathematica.

Lucintel forecasts that sanger sequencing will remain the largest sequencing technology segment over the forecast period, as it is preferred more by researchers because of higher accuracy than other technologies.

Within this market, pharmaceutical and biotechnology companies will remain the largest end user segment over the forecast period due to increasing prevalence of cancer and increasing demand for personalized genomics.

North America will remain the largest region over the forecast period due to rising research activities related to genomics, surge in number of research studies on cancer & inherited rare diseases, and increasing government support related to microbiome sequencing in the region.

Features of the Global Microbiome Sequencing Market

Market Size Estimates: Global microbiome sequencing market size estimation in

terms of value (\$M) shipment.

Trend and Forecast Analysis: Market trends (2014-2019) and forecast (2020-2025) by various segments.

Segmentation Analysis: Global microbiome sequencing market size by various segments, such as sequencing technology, component, laboratory type, application, and end user in terms of value.

Regional Analysis: Global microbiome sequencing market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different sequencing technology, component, laboratory type, application, end user, and region for the global microbiome sequencing market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global microbiome sequencing market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global microbiome sequencing market by technology (sanger sequencing, high-throughput sequencing (SBS, SBL, shotgun sequencing, TGS, RNA sequencing, WGS, and others), and third-generation sequencing), component (reagents & kits and instruments (liquid handling instruments, cytometers, imaging devices, and microplate reader)), application (drug discovery, genetic screening, disease diagnosis research, personalized medicine, and others), laboratory type (dry labs and wet labs), end user (pharmaceutical & biotechnology, academic centers & research institutes, contract research organizations, and others), and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global microbiome sequencing market?

Q.5 What are the business risks and threats to the global microbiome sequencing market?

Q.6 What are the emerging trends in this microbiome sequencing market and the reasons behind them?

Q.7 What are some changing demands of customers in this microbiome sequencing market?

Q.8 What are the new developments in this microbiome sequencing market? Which companies are leading these developments?

Q.9 Who are the major players in this microbiome sequencing market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this microbiome sequencing market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global microbiome sequencing market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Sequencing Technology (Sanger Sequencing, High-Throughput Sequencing (SBS, SBL, Shotgun Sequencing, TGS, RNA Sequencing, WGS, and Others), and Third-Generation Sequencing), Component (Reagents & Kits and

Instruments (Liquid Handling Instruments, Cytometers, Imaging Devices, and Microplate Reader)), Applications (Drug Discovery, Genetic Screening, Disease Diagnosis Research, Personalized Medicine, and Others), Laboratory Type (Dry Labs and Wet Labs), and End User (Pharmaceutical & Biotechnology, Academic Centers & Research Institutes, Contract Research Organizations, and Others)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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8.10: Biomathematica SAS

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