

Microbiome Sequencing Outsourcing Services Market Size, Trends, Analysis, and Outlook By Service (Sample Preparation, Sequencing and Library Preparation, Data Analysis), By Type (Amplicon Sequencing, Whole-genome Sequencing, Shotgun Sequencing, Others), By Technology (Sequencing by Synthesis (SBS), Sequencing by Ligation (SBL), Nanopore Sequencing, Others), By End-user (Pharmaceutical and Biotechnology Companies, Academic and Research Institutes, Others), by Region, Country, Segment, and Companies, 2024-2030

<https://marketpublishers.com/r/MD5A8CFEABF3EN.html>

Date: March 2024

Pages: 190

Price: US\$ 3,980.00 (Single User License)

ID: MD5A8CFEABF3EN

Abstracts

The global Microbiome Sequencing Outsourcing Services market size is poised to register 15.3% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Microbiome Sequencing Outsourcing Services market across By Service (Sample Preparation, Sequencing and Library Preparation, Data Analysis), By Type (Amplicon Sequencing, Whole-genome Sequencing, Shotgun Sequencing, Others), By Technology (Sequencing by Synthesis (SBS), Sequencing by Ligation (SBL), Nanopore Sequencing, Others), By End-user (Pharmaceutical and Biotechnology Companies, Academic and Research Institutes, Others).

The Microbiome Sequencing Outsourcing Services market is witnessing robust growth due to the increasing demand for microbiome research and personalized medicine applications, coupled with advancements in high-throughput sequencing technologies.

The human microbiome, comprising trillions of microorganisms inhabiting various body sites, plays a crucial role in health and disease, driving the need for comprehensive analysis and characterization. Key drivers of market growth include the expanding scope of microbiome research across therapeutic areas such as gastrointestinal disorders, autoimmune diseases, and oncology, as well as the emergence of microbiome-based diagnostics and therapeutics. Additionally, the complexity of microbiome data analysis, the need for specialized expertise in bioinformatics, and the cost-effectiveness of outsourcing sequencing services are driving the adoption of outsourcing models by biotechnology and pharmaceutical companies, academic institutions, and research organizations. Moreover, strategic collaborations between sequencing service providers, microbiome companies, and healthcare stakeholders are facilitating innovation and accelerating the development of microbiome-targeted interventions. Furthermore, efforts to standardize microbiome research protocols, enhance data reproducibility and quality assurance, and leverage artificial intelligence and machine learning for predictive modeling and biomarker discovery are expected to further propel market growth in the coming years.

Microbiome Sequencing Outsourcing Services Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Microbiome Sequencing Outsourcing Services market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Microbiome Sequencing Outsourcing Services survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Microbiome Sequencing Outsourcing Services industry.

Key market trends defining the global Microbiome Sequencing Outsourcing Services demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Microbiome Sequencing Outsourcing Services Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Microbiome Sequencing Outsourcing Services industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Microbiome Sequencing Outsourcing Services companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Microbiome Sequencing Outsourcing Services industry

Leading Microbiome Sequencing Outsourcing Services companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Microbiome Sequencing Outsourcing Services companies.

Microbiome Sequencing Outsourcing Services Market Study- Strategic Analysis Review

The Microbiome Sequencing Outsourcing Services market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Microbiome Sequencing Outsourcing Services Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Microbiome Sequencing Outsourcing Services industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Microbiome Sequencing Outsourcing Services Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Microbiome Sequencing Outsourcing Services Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Microbiome Sequencing Outsourcing Services market segments. Similarly, Strong end-user demand is encouraging Canadian Microbiome Sequencing Outsourcing Services companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Microbiome Sequencing Outsourcing Services market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Microbiome Sequencing Outsourcing Services Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Microbiome Sequencing Outsourcing Services industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand

throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Microbiome Sequencing Outsourcing Services market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Microbiome Sequencing Outsourcing Services Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Microbiome Sequencing Outsourcing Services in Asia Pacific. In particular, China, India, and South East Asian Microbiome Sequencing Outsourcing Services markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Microbiome Sequencing Outsourcing Services Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Microbiome Sequencing Outsourcing Services Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Microbiome Sequencing Outsourcing Services market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Microbiome Sequencing Outsourcing Services.

Microbiome Sequencing Outsourcing Services Market Company Profiles

The global Microbiome Sequencing Outsourcing Services market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are BaseClear, BGI, Boster Biological Technology, CD Genomics, Charles River Laboratories, Clinical-Microbiomics A/S, CosmosID, Eremid Genomic Services, Eurofins Scientific, EzBiome, Macrogen Inc, Microba, Microbiome Insights, MR DNA, Novogene Co. Ltd, omics2view.consulting GbR, OraSure Technologies, QIAGEN, Zifo, Zymo Research

Recent Microbiome Sequencing Outsourcing Services Market Developments

The global Microbiome Sequencing Outsourcing Services market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Microbiome Sequencing Outsourcing Services Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Service

Sample Preparation

Sequencing and Library Preparation

Data Analysis

By Type

Amplicon Sequencing

Whole-genome Sequencing

Shotgun Sequencing

Others

By Technology

Sequencing by Synthesis (SBS)

Sequencing by Ligation (SBL)

Nanopore Sequencing

Others

By End-User

Pharmaceutical and Biotechnology Companies

Academic and Research Institutes

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

BaseClear

BGI

Boster Biological Technology

CD Genomics

Charles River Laboratories

Clinical-Microbiomics A/S

CosmosID

Eremid Genomic Services

Eurofins Scientific

EzBiome

Macrogen Inc

Microba

Microbiome Insights

MR DNA

Novogene Co. Ltd

omics2view.consulting GbR

OraSure Technologies

QIAGEN

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Sample Preparation

Sequencing and Library Preparation

Data Analysis

By Type

Amplicon Sequencing

Whole-genome Sequencing

Shotgun Sequencing

Others

By Technology

Sequencing by Synthesis (SBS)

Sequencing by Ligation (SBL)

Nanopore Sequencing

Others

By End-User

Pharmaceutical and Biotechnology Companies

Academic and Research Institutes

Others

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BGI

Boster Biological Technology

CD Genomics

Charles River Laboratories

Clinical-Microbiomics A/S

CosmosID

Eremid Genomic Services

Eurofins Scientific

EzBiome

Macrogen Inc

Microba

Microbiome Insights

MR DNA

Novogene Co. Ltd

omics2view.consulting GbR

OraSure Technologies

QIAGEN

Zifo

Zymo Research

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