

Metagenomic Sequencing Market Size, Trends, Analysis, and Outlook By Products and Services (Reagents and Consumables, Instruments, Sequencing Services, Analysis and Data Interpretation Solutions), By Workflow (Sample Preparation, Sequencing, Data Processing and Analysis), By Technology (16s Rrna Sequencing, Shotgun Metagenomic Sequencing, Whole-Genome Sequencing and De Novo Assembly, Meta transcriptomics), By Type (Drug Discovery, Clinical Diagnostic, Soil Microbiome, Industrial Applications, Ecological and Environmental, Veterinary, Others), by Country, Segment, and Companies, 2024-2032

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Abstracts

The global Metagenomic Sequencing market size is poised to register 15.9% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Metagenomic Sequencing market across By Products and Services (Reagents and Consumables, Instruments, Sequencing Services, Analysis and Data Interpretation Solutions), By Workflow (Sample Preparation, Sequencing, Data Processing and Analysis), By Technology (16s Rrna Sequencing, Shotgun Metagenomic Sequencing, Whole-Genome Sequencing and De Novo Assembly, Meta transcriptomics), By Type (Drug Discovery, Clinical Diagnostic, Soil Microbiome, Industrial Applications, Ecological and Environmental, Veterinary, Others)

The metagenomic sequencing market is driven by the increasing interest in understanding microbial communities and their role in health and disease, advancements in next-generation sequencing (NGS) technologies and bioinformatics pipelines, and the growing application of metagenomics in environmental monitoring and precision medicine. By 2030, the market is expected to witness significant growth, fueled by expansions in shotgun metagenomics, amplicon sequencing, and single-cell sequencing approaches. Further, expanding applications in microbiome analysis, infectious disease surveillance, and agricultural biotechnology are anticipated to drive market expansion, enabling researchers, clinicians, and biotech companies to explore microbial diversity, uncover novel genes, and develop targeted interventions through metagenomic sequencing services that offer accuracy, scalability, and actionable insights in the metagenomic sequencing market and microbiome research domain.

Metagenomic Sequencing 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 Metagenomic Sequencing market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Metagenomic Sequencing 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 Metagenomic Sequencing industry.

Key market trends defining the global Metagenomic Sequencing 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.

Metagenomic Sequencing Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Metagenomic Sequencing 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 Metagenomic Sequencing companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Metagenomic Sequencing industry

Leading Metagenomic Sequencing 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 Metagenomic Sequencing companies.

Metagenomic Sequencing Market Study- Strategic Analysis Review

The Metagenomic Sequencing 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.

Metagenomic Sequencing Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Metagenomic Sequencing 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 2032 in three case

scenarios- low case, reference case, and high case scenarios.

Metagenomic Sequencing Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. 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 2032.

North America Metagenomic Sequencing 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 healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Metagenomic Sequencing market segments. Similarly, Strong market demand is encouraging Canadian Metagenomic Sequencing companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Metagenomic Sequencing market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

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

The German industry remains the major market for companies in the European Metagenomic Sequencing 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 vendors in identifying and leveraging new growth prospects positions the European Metagenomic Sequencing 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 Metagenomic Sequencing 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 Metagenomic Sequencing in Asia Pacific. In particular, China, India, and South East Asian Metagenomic Sequencing markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors 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 countries in the APAC region.

Latin America Metagenomic Sequencing 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 Metagenomic Sequencing 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 Metagenomic Sequencing market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Metagenomic Sequencing.

Metagenomic Sequencing Market Company Profiles

The global Metagenomic Sequencing 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 Azenta Life Sciences Inc, BGI Group, DNASTAR Inc, Eurofins Scientific, Illumina Inc, Integragen SA, Microsynth AG, Novogene Corp Co. Ltd, Oxford Nanopore Technologies plc, Pacific Biosciences of California Inc, PerkinElmer Inc, Psomagen Inc, QIAGEN N.V., Tecan Group AG, Thermo Fisher Scientific Inc, Zymo Research Corp.

Recent Metagenomic Sequencing Market Developments

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

Metagenomic Sequencing Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (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 Products and Services

Reagents and Consumables

Instruments

Sequencing Services

Analysis and Data Interpretation Solutions

By Workflow

Sample Preparation

Sequencing

Data Processing and Analysis

By Technology

16s Rrna Sequencing

Shotgun Metagenomic Sequencing

Whole-Genome Sequencing and De Novo Assembly

Meta transcriptomics

By Type

Drug Discovery

Clinical Diagnostic

Soil Microbiome

Industrial Applications

Ecological and Environmental

Veterinary

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Azenta Life Sciences Inc

BGI Group

DNASTAR Inc

Eurofins Scientific

Illumina Inc

Integragen SA

Microsynth AG

Novogene Corp Co. Ltd

Oxford Nanopore Technologies plc

Pacific Biosciences of California Inc

PerkinElmer Inc

Psomagen Inc

QIAGEN N.V.

Tecan Group AG

Thermo Fisher Scientific Inc

Zymo Research Corp

Formats Available: Excel, PDF, and PPT

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Sequencing Services
Analysis and Data Interpretation Solutions
By Workflow
Sample Preparation
Sequencing
Data Processing and Analysis
By Technology

16S RRNA SEQUENCING

Shotgun Metagenomic Sequencing
Whole-Genome Sequencing and De Novo Assembly
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Industrial Applications
Ecological and Environmental
Veterinary
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 - Microsynth AG
 - Novogene Corp Co. Ltd
 - Oxford Nanopore Technologies plc
 - Pacific Biosciences of California Inc
 - PerkinElmer Inc
 - Psomagen Inc

QIAGEN N.V.
Tecan Group AG
Thermo Fisher Scientific Inc
Zymo Research Corp.

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