

Genomics Market Size, Trends, Analysis, and Outlook By Products and Services (Consumables and Reagents, Services, Instruments, Systems, Software), By Technology (Sequencing, PCR, Flow Cytometry, Microarrays, Others), By Application (Drug Discovery and Development, Diagnostics, Agriculture and Animal research, Others), By Study Type (Functional Genomics, Biomarker Discovery, Pathway Analysis, Epigenomics, Others), By End-User (Hospitals and Clinics, Academic and Research Institutes, Pharmaceutical & Biotechnology companies, Others), by Country, Segment, and Companies, 2024-2032

<https://marketpublishers.com/r/GA366DFA09BEEN.html>

Date: April 2024

Pages: 205

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

ID: GA366DFA09BEEN

Abstracts

The global Genomics market size is poised to register 18.3% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Genomics market across By Products and Services (Consumables and Reagents, Services, Instruments, Systems, Software), By Technology (Sequencing, PCR, Flow Cytometry, Microarrays, Others), By Application (Drug Discovery and Development, Diagnostics, Agriculture and Animal research, Others), By Study Type (Functional Genomics, Biomarker Discovery, Pathway Analysis, Epigenomics, Others), By End-User (Hospitals and Clinics, Academic and Research Institutes, Pharmaceutical & Biotechnology companies, Others)

The genomics market is driven by the increasing adoption of genomic sequencing and

molecular diagnostics, advancements in next-generation sequencing (NGS) and bioinformatics technologies, and the growing interest in precision medicine and personalized healthcare. By 2030, the market is expected to witness significant growth, fueled by innovations in whole genome sequencing, exome sequencing, and transcriptomics. Further, expanding applications in genomic medicine, cancer genomics, and population health are anticipated to drive market expansion, enabling researchers, healthcare providers, and pharmaceutical companies to decode the genome, elucidate disease mechanisms, and develop targeted therapies through genomics solutions that offer scalability, affordability, and clinical utility for comprehensive genetic analysis and genomic profiling in healthcare practice and biomedical research.

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

Key market trends defining the global Genomics 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.

Genomics Market Segmentation- Industry Share, Market Size, and Outlook to 2032

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

Key strategies adopted by companies within the Genomics industry

Leading Genomics 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 Genomics companies.

Genomics Market Study- Strategic Analysis Review

The Genomics 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.

Genomics Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Genomics 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.

Genomics 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 Genomics 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 Genomics market segments. Similarly, Strong market demand is encouraging Canadian Genomics companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Genomics market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

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

The German industry remains the major market for companies in the European Genomics 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 Genomics 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 Genomics 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 Genomics in Asia Pacific. In particular, China, India, and South East Asian Genomics 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 Genomics 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 Genomics 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 Genomics market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Genomics.

Genomics Market Company Profiles

The global Genomics 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 10x Genomics Inc, 23andMe Inc, Abbott Laboratories, Agilent Technologies Inc, Becton, Dickinson and Company, BGI Group, Bio-Rad Laboratories Inc, Creative Biogene, Danaher Corp, Eppendorf AG , Eurofins Scientific SE, F. Hoffmann-La Roche Ltd, Freenome Holdings Inc, Illumina Inc, Merck KGaA, New England Biolabs Inc, Novogene Co. Ltd, Oxford Nanopore Technologies Ltd, Pacific Biosciences of California Inc, PerkinElmer Inc, Promega Corp, QIAGEN N.V., Takara Bio Inc, Thermo Fisher Scientific Inc, Ultima Genomics Inc.

Recent Genomics Market Developments

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

Genomics 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

Consumables and Reagents

Services

Instruments

Systems

Software

By Technology

Sequencing

PCR

Flow Cytometry

Microarrays

Others

By Application

Drug Discovery and Development

Diagnostics

Agriculture and Animal research

Others

By Study Type

Functional Genomics

Biomarker Discovery

Pathway Analysis

Epigenomics

Others

By End-User

Hospitals and Clinics

Academic and Research Institutes

Pharmaceutical & Biotechnology companies

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

10x Genomics Inc

23andMe Inc

Abbott Laboratories

Agilent Technologies Inc

Becton, Dickinson and Company

BGI Group

Bio-Rad Laboratories Inc

Creative Biogene

Danaher Corp

Eppendorf AG

Eurofins Scientific SE

F. Hoffmann-La Roche Ltd

Freenome Holdings Inc

Illumina Inc

Merck KGaA

New England Biolabs Inc

Novogene Co. Ltd

Oxford Nanopore Technologies Ltd

Pacific Biosciences of California Inc

PerkinElmer Inc

Promega Corp

QIAGEN N.V.

Takara Bio Inc

Thermo Fisher Scientific Inc

Ultima Genomics Inc

Formats Available: Excel, PDF, and PPT

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Software
By Technology
Sequencing
PCR
Flow Cytometry
Microarrays
Others
By Application
Drug Discovery and Development
Diagnostics
Agriculture and Animal research
Others
By Study Type
Functional Genomics
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By End-User
Hospitals and Clinics
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10X GENOMICS INC

23ANDME INC

Abbott Laboratories
Agilent Technologies Inc
Becton, Dickinson and Company
BGI Group
Bio-Rad Laboratories Inc
Creative Biogene
Danaher Corp
Eppendorf AG
Eurofins Scientific SE
F. Hoffmann-La Roche Ltd
Freenome Holdings Inc
Illumina Inc

Merck KGaA
New England Biolabs Inc
Novogene Co. Ltd
Oxford Nanopore Technologies Ltd
Pacific Biosciences of California Inc
PerkinElmer Inc
Promega Corp
QIAGEN N.V.
Takara Bio Inc
Thermo Fisher Scientific Inc
Ultima Genomics Inc.

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