

Global Next Generation Sequencing (NGS) Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Next Generation Sequencing (NGS) market size was valued at USD 3797 million in 2023 and is forecast to a readjusted size of USD 4751 million by 2030 with a CAGR of 3.3% during review period.

Next Generation Sequencing (NGS) is a high-throughput method for rapid sequencing of base pairs of DNA or RNA samples.

The classification of Next-Generation Sequencing (NGS) Services includes Targeted Sequencing, Whole Exome Sequencing and Whole Genome Sequencing, and the proportion of Targeted Sequencing in 2019 is about 55%.

Next-Generation Sequencing (NGS) Services is widely used in Hospitals and Clinics, Biopharma Companies, Academic & Research Organizations and Other. The most proportion of Next-Generation Sequencing (NGS) Services is Hospitals and Clinics, and the proportion in 2019 is about 56%.

North America is the largest consumption place, with a consumption market share nearly 37% in 2019. Following North America, Europe is the second largest consumption place with the consumption market share of about 32%.

Eurofins Scientific, Natera, BGI, Illumina, etc. are the leaders of the industry.

The Global Info Research report includes an overview of the development of the Next Generation Sequencing (NGS) industry chain, the market status of Academic &

Government Research Institutes (Targeted Sequencing, Whole Exome Sequencing), Pharmaceutical Companies (Targeted Sequencing, Whole Exome Sequencing), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Next Generation Sequencing (NGS).

Regionally, the report analyzes the Next Generation Sequencing (NGS) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Next Generation Sequencing (NGS) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Next Generation Sequencing (NGS) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Next Generation Sequencing (NGS) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., Targeted Sequencing, Whole Exome Sequencing).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Next Generation Sequencing (NGS) market.

Regional Analysis: The report involves examining the Next Generation Sequencing (NGS) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Next Generation Sequencing (NGS) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Next Generation Sequencing (NGS):

Company Analysis: Report covers individual Next Generation Sequencing (NGS) players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Next Generation Sequencing (NGS) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Academic & Government Research Institutes, Pharmaceutical Companies).

Technology Analysis: Report covers specific technologies relevant to Next Generation Sequencing (NGS). It assesses the current state, advancements, and potential future developments in Next Generation Sequencing (NGS) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Next Generation Sequencing (NGS) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Next Generation Sequencing (NGS) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

Market segment by Type

Targeted Sequencing

Whole Exome Sequencing

Whole Genome Sequencing

Market segment by Application

Academic & Government Research Institutes

Pharmaceutical Companies

Biotechnology Companies

Hospitals & Clinics

Market segment by players, this report covers

Illumina

Thermo Fisher Scientific

Pacific Biosciences of California

Beijing Genomics Institute

Qiagen

Roche

Agilent Technologies

Perkinelmer

Genomatix

PierianDx

Eurofins Scientific

Gatc Biotech

Oxford Nanopore Technologies

Bio-Rad Laboratories

DNASTAR

Biomatters

Partek

New England Biolabs

Myriad Genetics

Macrogen

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Next Generation Sequencing (NGS) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Next Generation Sequencing (NGS), with revenue, gross margin and global market share of Next Generation Sequencing (NGS) from 2019 to 2024.

Chapter 3, the Next Generation Sequencing (NGS) competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Next Generation Sequencing (NGS) market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Next Generation Sequencing (NGS).

Chapter 13, to describe Next Generation Sequencing (NGS) research findings and conclusion.

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