

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

<https://marketpublishers.com/r/G7CFD65EEEDFEN.html>

Date: June 2024

Pages: 111

Price: US\$ 3,480.00 (Single User License)

ID: G7CFD65EEEDFEN

## Abstracts

According to our (Global Info Research) latest study, the global Next Generation Sequencing (NGS) Data Analysis market size was valued at USD 546.5 million in 2023 and is forecast to a readjusted size of USD 1094.6 million by 2030 with a CAGR of 10.4% during review period.

North America is home to several well-established organizations of NGS data analysis. A significant number of NGS research projects are being carried out in Canadian universities, which in turn has resulted into huge demand for NGS data analysis, thereby affecting the revenue growth in the region. North America is set to remain the fastest-expanding and largest market for NGS data analysis.

The Global Info Research report includes an overview of the development of the Next Generation Sequencing (NGS) Data Analysis industry chain, the market status of Hospitals (Sequencing By Synthesis (SBS) Technology, Single Molecule Real Time Sequencing (SMRT) Technology), Biotechnology/Pharmaceutical Companies (Sequencing By Synthesis (SBS) Technology, Single Molecule Real Time Sequencing (SMRT) Technology), 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) Data Analysis.

Regionally, the report analyzes the Next Generation Sequencing (NGS) Data Analysis 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) Data Analysis 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) Data Analysis 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) Data Analysis 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., Sequencing By Synthesis (SBS) Technology, Single Molecule Real Time Sequencing (SMRT) Technology).

**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) Data Analysis market.

**Regional Analysis:** The report involves examining the Next Generation Sequencing (NGS) Data Analysis 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) Data Analysis 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) Data Analysis:

**Company Analysis:** Report covers individual Next Generation Sequencing (NGS) Data Analysis 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) Data Analysis. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Hospitals, Biotechnology/Pharmaceutical Companies).

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

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Next Generation Sequencing (NGS) Data Analysis 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) Data Analysis 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

Sequencing By Synthesis (SBS) Technology

Single Molecule Real Time Sequencing (SMRT) Technology

Ion Semiconductor Sequencing Technology

Others

### Market segment by Application

Hospitals

Biotechnology/Pharmaceutical Companies

Academic Research Institutes

Contract Research Organization

Forensic & Government Laboratories

Others

Market segment by players, this report covers

Qiagen

Advaita Bioinformatics

Roche

Biomatters

Illumina

Congenica

DNAnexus

DNASTAR

Dovetail Genomics

Eagle Genomics

Edge Biosystems

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) Data Analysis product scope, market overview, market estimation caveats and base year.

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

Chapter 3, the Next Generation Sequencing (NGS) Data Analysis 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) Data Analysis 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) Data Analysis.

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

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