

# Next Generation DNA Sequencing (NGS) Market Industry Trends, Growth, Size, Segmentation and By Regional Forecast To 2029

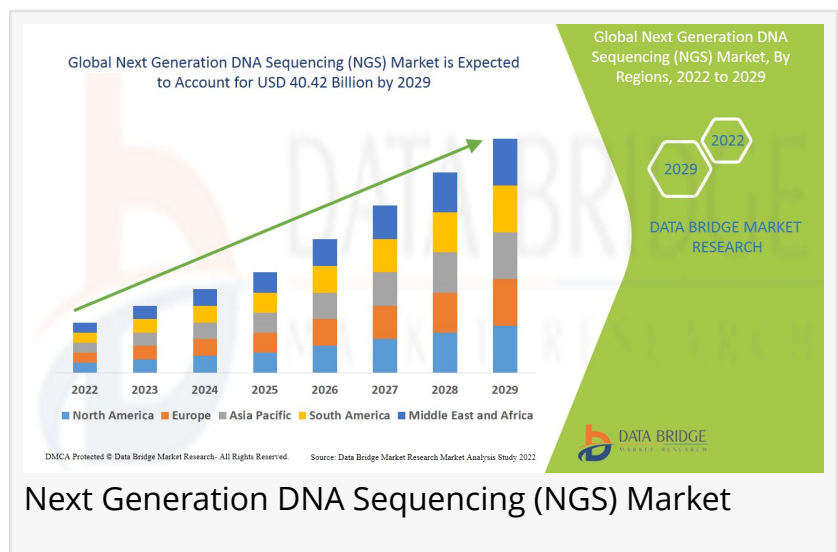
Data Bridge Market Research analyses that the next generation Next Generation DNA Sequencing (NGS) Market is expected to reach USD 40.42 billion by 2029

NEW YORK, UNITED STATES, June 8, 2022 /EINPresswire.com/ -- DataBridge Market Research published latest research study on [Next Generation DNA Sequencing \(NGS\) market](#) report examines market drivers, market restraints, challenges, opportunities and key developments in the Next

Generation DNA Sequencing (NGS) industry. The forecast, analysis, evaluations and estimations carried out in this report are all based upon the well established tools and techniques such as SWOT analysis and Porter's Five Forces analysis. This universal market research report acts as a great support to any size of business whether it is large, medium or small. Next Generation DNA Sequencing (NGS) report provides the broader perspective of the market place with its comprehensive market insights and analysis which eases surviving and succeeding in the market.. Furthermore, the information collected and processed in this report is worked upon with the ideal tools namely SWOT analysis and Porter's Five Forces analysis that can be relied upon confidently.

Data Bridge Market Research analyses that the next generation DNA sequencing (NGS) market was valued at USD 9.4 billion in 2021 and is expected to reach USD 40.42 billion by 2029, registering a CAGR of 20% during the forecast period of 2022 to 2029. The market report curated by the Data Bridge Market Research team includes in-depth expert analysis, patient epidemiology, pipeline analysis, pricing analysis, and regulatory framework.

Download Sample Report: <https://www.databridgemarketresearch.com/request-a-sample/?dbmr=global-next-generation-dna-sequencing-ngs-market>



## [Next Generation DNA Sequencing \(NGS\) Market Overview](#)

In recent years, the next generation DNA sequencing (NGS) market is anticipated to grow rapidly during the forecast period owing to the high prevalence rate of cancer. Next-generation sequencing is a DNA sequencing method that determines the exact arrangement of nucleotides within a DNA molecule. A million DNA molecules and RNA sequences are generated every second by the next-generation sequencer, enabling for rapid sequencing. Next-generation sequencing refers to high-throughput sequencing (NSG).

The method of determining the sequence of nucleotides in a piece of DNA is known as next-generation sequencing, or high-throughput sequencing. Sequencing by synthesis (SBS), ion semiconductor sequencing, nanopore sequencing, and single-molecule real-time (SMRT) sequencing are some of the techniques used. It is a cost-effective solution that provides precise, high-accuracy, and fast outcomes.

Following Manufacturers Are Covered In This Report:

Illumina, Inc. (US), Thermo Fisher Scientific Inc. (US), PerkinElmer, Inc. (US), BGI Group (China), Agilent Technologies, Inc. (US), Eurofins Scientific (Luxembourg), PacBio (US), Oxford Nanopore Technologies plc (UK), QIAGEN (Netherlands), F. Hoffmann-La Roche Ltd. (Switzerland), GENEWIZ Inc. (US), Psomagen (South Korea), 10x Genomics (US), Takara Bio Inc (Japan), Bio-Rad Laboratories, Inc. (US), Zymo Research Corporation (US), Tecan Trading AG (Switzerland), Hamilton Company (US), Beckman Coulter, Inc. (US), BD (US), Lucigen Corporation (US), and Novogene Co., Ltd. (China)

[Global Next Generation DNA Sequencing \(NGS\) Market](#) Segmented By:

By Product (Instruments, Consumables, Services)

By Applications (Diagnostics, Biomarker Discovery, Precision Medicine, Drug Discovery, Agriculture and Animal Research and Others)

By End User (Pharmaceutical and Biotechnology Companies, Research Centers and Academic and Government Institutes, Hospital and Clinics)

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Next Generation DNA Sequencing (NGS) Market Dynamics:

Increasing Prevalence of Chronic Diseases: The rising prevalence of chronic diseases such as cancer will propel the market's growth rate during the forecast period of 2022-2029. There has

been a tremendous growth in the use of NGS technology as a result of the widespread acceptance of liquid biopsies in cancer diagnoses. Cell-free circulating tumor DNA (ctDNA) is used as a non-invasive cancer biomarker for real-time cancer monitoring and detection in these technologies.

Rise in the Adoption of Genome Mapping Programs: The market is also benefiting from the growing use of genomic mapping programmes to anticipate the development of various diseases. Scientists utilize genetic maps to help them figure out which genes are linked to rising rates of diabetes, heart disease, asthma, cancer, and psychiatric disorders.

Complete Report Is Available (Including Full TOC, List Of Tables & Figures, Graphs, And Chart)@ <https://www.databridgemarketresearch.com/toc/?dbmr=global-next-generation-dna-sequencing-ngs-market>

### Recent Development

In January 2021, The Thalassemia Gene Detection Kit (Combinatorial Probe-Anchor Synthesis Sequencing Method) from BGI Group had acquired CE mark approval for genetic diagnosis of  $\alpha$ ,  $\beta$  thalassemia and other hemoglobinopathies, as well as general population carrier screening.

### Points Covered in the Report

The points that are discussed within the report are the major market players that are involved in the Next Generation DNA Sequencing (NGS) market such as market players, raw material suppliers, equipment suppliers, end users, traders, distributors and etc.

The complete profile of the companies is mentioned. And the capacity, production, price, revenue, cost, gross, gross margin, sales volume, sales revenue, consumption, growth rate, import, export, supply, future strategies, and the technological developments that they are making are also included within the report.

This report analyzed five years data history and forecast.

The growth factors of the market is discussed in detail wherein the different end users of the Next Generation DNA Sequencing (NGS) market are explained in detail.

Data and information by market player, by region, by type, by application and etc, and custom research can be added according to specific requirements.

The report contains the SWOT analysis of the Global Next Generation DNA Sequencing (NGS) Market

Finally, the report contains the conclusion part where the opinions of the industrial experts are included.

### Market Opportunity: Emerging Markets

The research report includes specific segments by region (country), by company, by Type and by Application. This study provides information about the sales and revenue during the historic and

forecasted period. Understanding the segments helps in identifying the importance of different factors that aid the market growth.

North America (United States, Canada and Mexico)

Europe (Germany, UK, France, Italy, Russia and Turkey etc.)

Asia-Pacific (China, Japan, Korea, India, Australia, Indonesia, Thailand, Philippines, Malaysia and Vietnam)

South America (Brazil etc.)

Middle East and Africa (Egypt and GCC Countries)

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Key Questions Answered in Next Generation DNA Sequencing (NGS) market Report

What is the expected market size of the global Next Generation DNA Sequencing (NGS) Market over the forecast period?

Which factors are expected to hamper the growth of Next Generation DNA Sequencing (NGS) Market between 2022 and 2029?

Which key factors are expected to drive global market revenue growth during the forecast period?

Which application segment revenue is expected to register rapid CAGR between 2022 and 2029?

Which region is expected to register fastest revenue CAGR over the forecast period?

Which key players are operating in the Next Generation DNA Sequencing (NGS) Market?

What are the key outcomes of SWOT analysis and Porter's Five Force model?

COVID-19 Impact on Next Generation DNA Sequencing (NGS) Market

The dissemination use COVID-19 had a huge impact on numerous sectors around the world; the primary goal was to alleviate the global crisis. Pharmaceutical and biopharmaceutical industries, on the other hand, have grown tremendously as a result of pandemics. During the outbreak, developing self-test kits, therapies, and vaccinations were considered critical operations. As a result, various startups and established market players have raised their investments to support the process, assisting the next generation sequencing industry's overall growth. As a result, governmental entities have increased their research and development efforts in the next generation sequencing sector. The need of continuous supply and research was recognized by market participants, who boosted their investments in the industry as a result of the pandemic, resulting in higher Next Generation Sequencing market growth.

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An absolute way to forecast what future holds is to comprehend the trend today!

Data Bridge Market Research set forth itself as an unconventional and neoteric Market research and consulting firm with unparalleled level of resilience and integrated approaches. We are determined to unearth the best market opportunities and foster efficient information for your business to thrive in the market. Data Bridge endeavours to provide appropriate solutions to the complex business challenges and initiates an effortless decision-making process. Data bridge is an aftermath of sheer wisdom and experience which was formulated and framed in the year

2015 in Pune.

Data Bridge Market Research has over 500 analysts working in different industries. We have catered more than 40% of the fortune 500 companies globally and have a network of more than 5000+ clientele around the globe. Data Bridge adept in creating satisfied clients who reckon upon our services and rely on our hard work with certitude. We are content with our glorious 99.9 % client satisfying rate.

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