

Global Next-Generation Sequencing NGS Oncology Market Insights 2025: Key Trends, Market Size, And Growth Forecast

The Business Research Company's Next-Generation Sequencing NGS Oncology Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

LONDON, GREATER LONDON, UNITED KINGDOM, June 20, 2025

/EINPresswire.com/ -- In the field of

worldwide medical analytics, the Next-

Generation Sequencing NGS oncology market has been making substantial progress lately. The current value of the market, \$17.36 billion in 2024, is expected to escalate to \$19.39 billion by 2025, marking a compound annual growth rate CAGR of 11.7%. Factors contributing to the historic period's growth include a surge in cancer incidents, augmentation in cancer genomics

research, heightened public awareness, healthcare infrastructure expansion, and an increase in personalized medicine demand.



The Business Research Company's Latest Report Explores Market Driver, Trends, Regional Insights - Market Sizing & Forecasts Through 2034"

The Business Research Company

What Are The Forecasted [Trends And Growth Rate Of NGS Oncology Global Market?](#)

Advances in the NGS oncology market are expected to trend briskly in the following years, with predictions pointing to a surge to \$29.86 billion by 2029 at a CAGR of 11.4%. Anticipated growth during the forecast period can be credited to the burgeoning development of companion

diagnostics, an uptick in cancer prevalence, increased governmental and healthcare investments, clinical application expansion, and a rising adoption of targeted therapies. Major trends in the forecast period will likely include AI and machine learning integration, advancements in single-cell sequencing, enhanced sequencing platforms, liquid biopsy technology advancements, and high-throughput sequencing platform developments.

Get Your Free Sample Market Report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=24337&type=smp>

The Business
Research Company

NGS Oncology Global Market Report 2025



What Propels The Growth Of The Ngs Oncology Market?

A surge in cancer prevalence is anticipated to be a primary factor catalyzing the NGS oncology market's expansion. Rising cancer prevalence largely correlates with aging populations, as the chances of developing cancer increase with age. NGS oncology aids in addressing this growing cancer prevalence through technologies that enable early detection, precise diagnosis, and personalized treatment via detailed genetic profiling of tumors. Therefore, the increased prevalence of cancer is expected to further stimulate the growth of the NGS oncology market.

What Major Players Operate In The Ngs Oncology Market?

Key players in the NGS oncology market include Hoffmann-La Roche Ltd., Thermo Fisher Scientific Inc., Agilent Technologies Inc., Eurofins Scientific SE, Illumina Inc., Qiagen N.V., Tecan Trading AG, Myriad Genetics, Takara Bio Inc., Beijing Genomics Institute BGI, Caris Life Sciences, Foundation Medicine, Paradigm Diagnostics, Pacific Bioscience, Horizon Discovery Group plc, Creative-Biolabs, Xcelris Labs Ltd., Partek Inc., 4baseCare, SciGenom Labs Pvt. Ltd.

Order Your Report Now For A Swift Delivery:

<https://www.thebusinessresearchcompany.com/report/ngs-oncology-global-market-report>

What Emerging Innovations Are Influencing The Ngs Oncology Market?

Major players in the NGS oncology market are championing the development of cutting-edge solutions such as liquid biopsy research assays, which support non-invasive, real-time cancer detection and monitoring through circulating tumor DNA analysis. These diagnostic tests evaluate biological fluids for genetic mutations or other molecular markers associated with cancer.

How Is The [NGS Oncology Market Segmented](#)?

The market report for NGS oncology is organized in the following manner:

- 1 By Sequencing Technology: Targeted Sequencing, Genomics, Transcriptomics, Epigenomics
- 2 By Offering: Platform, Kits, Services
- 3 By Workflow: Pre-Sequencing, Sequencing, Data Analysis
- 4 By Application: Genetic Screening, Hereditary Genetic Testing, Hematological Malignancies, Solid Tumors, Other Applications
- 5 By End User: Hospitals And Clinics, Clinical Research Organizations CROs, Academic And Research Institutes, Pharmaceutical And Biotechnology Companies, Other End Users.

Subsegments that include Targeted Sequencing Whole Exome Sequencing, Amplicon-Based Sequencing, Hybridization-Based Sequencing, Genomics Whole Genome Sequencing, Structural Variant Detection, Copy Number Variation Analysis, Transcriptomics RNA Sequencing, Single-Cell Transcriptomics, Non-coding RNA Analysis, and Epigenomics DNA Methylation Sequencing, Chromatin Immunoprecipitation Sequencing, Histone Modification Analysis, among others.

What Are The Regional Insights Into The NGS Oncology Market?

In 2024, North America was the leading region in the NGS oncology market, with Asia-Pacific projected to be the fastest-growing region in the forecast period.

Browse Through More Similar Reports By The Business Research Company:

Oncology Molecular Diagnostics Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/oncology-molecular-diagnostics-global-market-report>

Oncology Biosimilars Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/oncology-biosimilar-global-market-report>

Immuno-Oncology Drugs Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/immuno-oncology-drug-global-market-report>

[About The Business Research Company](#)

Learn More About The Business Research Company. With over 15,000+ reports from 27 industries that cover 60+ geographies, The Business Research Company has earned a reputation for offering comprehensive, data-driven research and insights. Armed with 1,500,000 datasets, contributions are made through in-depth secondary research and unique insights from industry leaders. With our information, you can stay ahead in the game of business.

Contact us at:

The Business Research Company: <https://www.thebusinessresearchcompany.com/>

Americas +1 3156230293

Asia +44 2071930708

Europe +44 2071930708

Email us at info@tbrc.info

Follow us on:

LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

YouTube: https://www.youtube.com/channel/UC24_fI0rV8cR5DxICpgmyFQ

Global Market Model: <https://www.thebusinessresearchcompany.com/global-market-model>

Oliver Guirdham

The Business Research Company

+44 20 7193 0708

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/824011425>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.