

Next Generation Sequencing Market Set to Skyrocket: Projected to Reach \$97.8 Billion by 2035 at 18.3% CAGR

The global next generation sequencing market is projected to reach \$97.8 billion by 2035, growing at a CAGR of 18.3% from 2024 to 2035.

PORTLAND, OR, UNITED STATES, June 17, 2025 /EINPresswire.com/ -- The [Next Generation Sequencing \(NGS\) market](https://www.alliedmarketresearch.com/request-sample/2048) is experiencing significant growth in 2025, driven by advancements in genomic research and increasing applications in personalized medicine. Key factors contributing to this growth include the declining costs of sequencing technologies, which have made genomic analysis more accessible, and the rising demand for NGS in clinical diagnostics, particularly in oncology and rare disease detection. The global next generation sequencing market was valued at \$13 billion in 2023, and is projected to reach \$97.8 billion by 2035, growing at a CAGR of 18.3% from 2024 to 2035.



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<https://www.alliedmarketresearch.com/request-sample/2048>

NGS has many advantages over traditional sequencing methods, such as Sanger sequencing. NGS is faster, more accurate, and more cost-effective, making it possible to analyze entire genomes or transcriptomes in a single run. Additionally, NGS can detect genetic variations, such as single nucleotide polymorphisms (SNPs) and structural variations, that may be missed by other methods.

Major market players covered in the report, such as -

- Agilent Technologies, Inc.,
- ILLUMINA INC.,
- PRECIGEN INC,

- Qiagen N.V,
- abgi group,
- F. HOFFMANN-LA ROCHE AG,
- Thermo Fisher Scientific Inc. ,
- PerkinElmer, Inc,
- Pacific Biosciences of California

For more information on the Next Generation Sequencing Market, please visit the report page at <https://www.alliedmarketresearch.com/next-generation-sequencing-market/purchase-options>

Key Benefits for Stakeholders -

- The report provides quantitative analysis of market segments, current trends, strategies and potential of Next Generation Sequencing Market research to identify potential Next Generation Sequencing Market opportunities in genetics.
- In-depth analysis of this sector helps identify current market opportunities.
- Market analysis and information related to key drivers, restraints and opportunities are provided. • Porter's Five Forces Analysis identifies the capabilities of buyers and suppliers to enable stakeholders to make profitable business decisions and strengthen the network of buyers.
- The largest countries in each region are listed according to their contribution to the global market.
- Focusing on market players makes benchmarking easier and provides a clear understanding of the current market situation.
- The report includes regional and global Next Generation Sequencing Market analysis, key players, market segments, application areas and Market growth strategies.

NGS has numerous applications in research, clinical diagnostics, and personalized medicine. In research, NGS can be used to study genetic diseases, identify biomarkers, and study the microbiome. In clinical diagnostics, NGS can be used to diagnose genetic disorders, detect cancer mutations, and monitor treatment response. In personalized medicine, NGS can be used to tailor treatments to an individual's genetic makeup, improving efficacy and reducing side effects.

NGS has also enabled the emergence of new fields, such as metagenomics and epigenomics. Metagenomics allows for the study of entire microbial communities, providing insights into microbial diversity and function. Epigenomics allows for the study of changes in gene expression, which can have important implications for disease development and progression.

In conclusion, NGS has revolutionized the field of genomics, providing a powerful tool for the analysis of genetic material. The speed, accuracy, and cost-effectiveness of NGS have opened up new possibilities in research, clinical diagnostics, and personalized medicine, paving the way for

a more comprehensive understanding of genetic diseases and new approaches to treatment.

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Frequently Asked Questions?

Q1. Which is base year calculated in the next generation sequencing market market report?

Q2. Which are the top companies hold the market share in next generation sequencing market market?

Q3. Which is the most influencing segment growing in the next generation sequencing market market report?

Q4. What are the key trends in the next generation sequencing market market report?

Q5. What are next generation sequencing market?

About Us -

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Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various research data tables and confirms utmost accuracy in our market forecasting. Each and every us companies and this helps us in digging out market data that helps us generate accurate y data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

David Correa

Allied Market Research

+ + 1800-792-5285

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