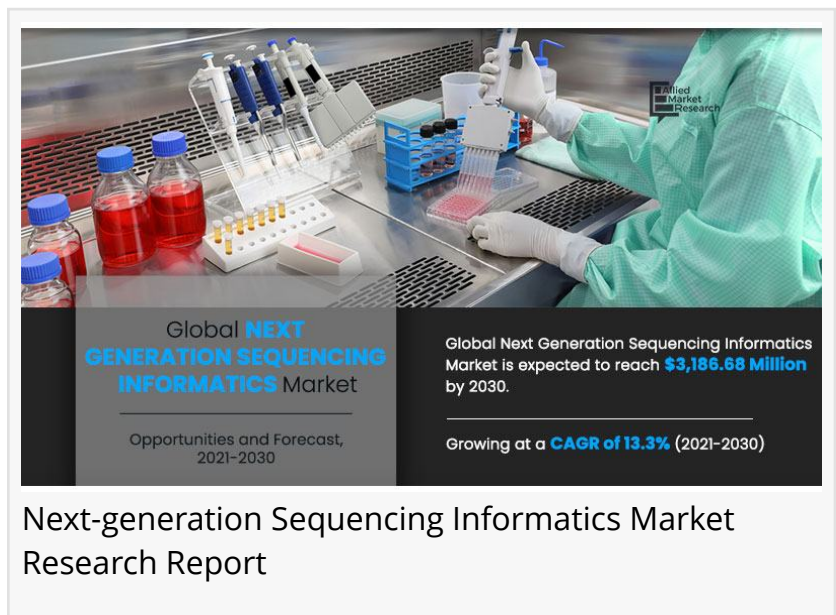


# Next-generation Sequencing Informatics Market Set to Surge to \$3.18 Billion by 2030 at a 13.3% CAGR

*The global Next-generation Sequencing Informatics Market size is projected to reach \$3,186.69 million by 2030, registering a CAGR of 13.30%.*

WILMINGTON, DE, UNITED STATES, February 3, 2025 /EINPresswire.com/ --

The [Next-generation Sequencing Informatics Market](#) has witnessed significant growth in recent years, driven by advancements in genomic research and the increasing application of sequencing technologies across various fields. According to Allied Market Research, the global Next-generation Sequencing Informatics Market size was valued at \$933.18 million in 2020 and is projected to reach \$3,186.69 million by 2030, registering a CAGR of 13.30% during the forecast period.



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## Next-generation Sequencing Informatics Market Growth Factors

Several factors contribute to the growth of the Next-generation Sequencing Informatics Market:

- **Reduced Sequencing Costs:** Advancements in NGS informatics have led to decreased sequencing costs, making the technology more accessible for research and clinical applications.
- **Government Initiatives:** Increased government funding and initiatives promoting the use of NGS in research and development have propelled market growth.

- Technological Advancements: Continuous innovations in NGS informatics tools have enhanced the speed, flexibility, and accuracy of sequencing processes.
- Rising Prevalence of Cancer: The growing incidence of cancer has driven the demand for NGS-based biomarker discovery and precision medicine, further fueling market expansion.

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## Next-generation Sequencing Informatics Market Segmentation

The Next-generation Sequencing Informatics Market is segmented based on product, application, end user, and region.

### 1. By Product:

- Data Analysis and Management Tools: This segment includes Laboratory Information Management Systems (LIMS) and Data Interpretation & Reporting Tools.
- NGS Informatics Services
- Primary and Secondary Data Analysis Tools

### 2. By Application:

- Drug Discovery
- Diagnostics
- Biomarker Discovery: This segment dominated the market in 2020, attributed to the increasing prevalence of cancer and advancements in NGS informatics technology.
- Precision Medicine
- Agriculture & Animal Research

### 3. By End User:

- Hospitals and Clinics
- Academic and Research Centers: This segment held a dominant position in 2020, owing to increased application-based usage and a rise in oncology research.
- Pharmaceutical Companies
- Other End Users

### 4. By Region:

- North America: Dominated the market in 2020, due to high per capita healthcare expenditure, patient awareness levels, and prevalence of target diseases.
- Europe
- Asia-Pacific: Expected to exhibit the fastest CAGR of 15.1% during the forecast period.
- LAMEA

## Key Players in the Next-generation Sequencing Informatics Market

Prominent companies operating in the Next-generation Sequencing Informatics Market include:

- Illumina, Inc.
- Thermo Fisher Scientific, Inc.
- Agilent Technologies Inc.
- F. Hoffmann-La Roche AG
- Qiagen N.V.
- DNANexus Inc.
- Intrexon Bioinformatics Germany GmbH
- Partek Incorporated
- Fabric Genomics Inc.
- Sapio Sciences

These key players have adopted strategies such as product launches, acquisitions, and collaborations to strengthen their market position and expand their product offerings.

The Next-generation Sequencing Informatics Market is poised for substantial growth, driven by technological advancements, government support, and the increasing application of NGS in various fields. As sequencing technologies become more accessible and integrated into research and clinical practices, the demand for advanced informatics solutions will continue to rise, shaping the future of genomic research and personalized medicine.

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