

Next-generation Sequencing (NGS) Informatics Market: Informatics Solutions for NGS Data Deluge

PORTLAND, OR, UNITED STATES, June 29, 2023 /EINPresswire.com/ -- Next-generation Sequencing Informatics

Market- Global Outlook and Forecast 2023-2030 is latest research study released by Allied Market Research evaluating the market risk side analysis, highlighting opportunities and leveraged with strategic and tactical decision-making support (2023-2030). The market Study is segmented by key



Next-generation Sequencing Informatics Market2

a region that is accelerating the marketization. The report provides information on market research and development, growth drivers, and the changing investment structure of the Global Next-generation Sequencing Informatics Market. Some of the key players profiled in the study are Illumina, Thermo Fischer Scientific, Agilent Technologies, F. Hoffmann-La Roche, Qiagen, DNANexus, Intrexon Bioinformatics Germany, Partek, Fabric Genomics, Sapio Sciences.

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Next-generation Sequencing Informatics Market Statistics: The global Next-generation Sequencing Informatics market is projected to reach \$3,186.69 million by 2030, registering a CAGR of 13.30% from 2021 to 2030.

Next-generation Sequencing Informatics Market Growth Drivers:

- 1. Increasing adoption of NGS technology across various applications drives the demand for informatics solutions that can handle and analyze large volumes of sequencing data.
- 2. Growing demand for accurate and efficient data analysis and interpretation of NGS-generated

genomic data fuels the market for sophisticated informatics solutions.

- 3. Advancements in bioinformatics tools and algorithms improve the accuracy, speed, and scalability of NGS data analysis, facilitating the identification of genetic variants and biomarkers.
- 4. The expansion of precision medicine and genomic research increases the need for robust informatics solutions to handle large-scale genomic data and enable data integration and analysis.
- 5. Decreasing costs of NGS and informatics solutions make them more accessible, fostering their adoption across academic institutions, research laboratories, and clinical settings.

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The segments and sub-section of Next-generation Sequencing Informatics market is shown below:

By Product: Data Analysis & Management Tools, NGS Informatics Services, and Primary and Secondary Data Analysis Tools

By Application: Drug Discovery, Diagnostics, Biomarker Discovery, Precision Medicine, and Agriculture & Animal Research

By End User: Hospitals and Clinics, Academic and Research Centers, Pharmaceutical Companies, and Other End Users

Some of the key players involved in the Market are: Illumina, Thermo Fischer Scientific, Agilent Technologies, F. Hoffmann-La Roche, Qiagen, DNANexus, Intrexon Bioinformatics Germany, Partek, Fabric Genomics, Sapio Sciences.

Important years considered in the Next-generation Sequencing Informatics study: Historical year – 2017-2021; Base year – 2021; Forecast period** – 2022 to 2030 [** unless otherwise stated]

If opting for the Global version of Next-generation Sequencing Informatics Market; then below

country analysis would be included:

- North America (USA, Canada and Mexico)
- Europe (Germany, France, the United Kingdom, Netherlands, Italy, Nordic Nations, Spain, Switzerland and Rest of Europe)
- Asia-Pacific (China, Japan, Australia, New Zealand, South Korea, India, Southeast Asia and Rest of APAC)
- South America (Brazil, Argentina, Chile, Colombia, Rest of countries etc.)
- Middle East and Africa (Saudi Arabia, United Arab Emirates, Israel, Egypt, Turkey, Nigeria, South Africa, Rest of MEA)

Key Questions Answered with this Study:

- 1) What makes Next-generation Sequencing Informatics Market feasible for long term investment?
- 2) How influencing factors driving the demand of Next-generation Sequencing Informatics in next few years?
- 3) Territory that may see steep rise in CAGR & Y-O-Y growth?
- 4) What geographic region would have better demand for product/services?
- 5) What opportunity emerging territory would offer to established and new entrants in Next-generation Sequencing Informatics market?
- 6) What strategies of big players help them acquire share in mature market?
- 7) Know value chain areas where players can create value?
- 8) What is the impact analysis of various factors in the Global Next-generation Sequencing Informatics market growth?
- 9) Risk side analysis connected with service providers?

Introduction about Next-generation Sequencing Informatics Market

Next-generation Sequencing Informatics Market Size (Sales) Market Share by Type (Product Category)

Next-generation Sequencing Informatics Market by Application/End Users

Next-generation Sequencing Informatics Sales (Volume) and Market Share Comparison by Applications

Global Next-generation Sequencing Informatics Sales and Growth Rate (2020-2030)

Next-generation Sequencing Informatics Competition by Players/Suppliers, Region, Type, and Application

Next-generation Sequencing Informatics (Volume, Value, and Sales Price) table defined for each geographic region defined.

Next-generation Sequencing Informatics Players/Suppliers Profiles and Sales Data Key Raw Materials Analysis & Price Trends

Supply Chain, Sourcing Strategy and Downstream Buyers, Industrial Chain Analysisand view more in complete table of Contents

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