

Next Generation Sequencing Market: Global Market Size, Forecast, Insights, and Competitive Landscape

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Abstracts

The global next generation sequencing market is expected to grow at a CAGR of around 19.7% during 2023-2030. This report on global next generation sequencing market report provides holistic understanding of the market along with market sizing, forecast, drivers, challenges, and competitive landscape. The report presents a clear picture of the global next generation sequencing market by segmenting the market based on sequencing type, product type, technology, application, end user and region. Also, detailed profiles of companies operating in the next generation sequencing market are provided in this report. We believe that this report will aid the professionals and industry stakeholders in making informed decision.

Market Drivers

Advancement in NGS Platforms

Declining Cost of Genome Sequencing

Growing Incidence of Cancer

Market Challenges

End User Budget Constraints in Developing Countries

Introduction of Alternative Technologies

Historical & Forecast Period

Base Year: 2022

Historical Period: 2018-20

Forecast Period: 2023-2030

Market by Sequencing Type

Whole Genome Sequencing

Targeted Resequencing

Whole Exome Sequencing

RNA Sequencing

CHIP Sequencing

De Novo Sequencing

Methyl Sequencing

Others

Breakup by Product Type:

Instruments

Reagents and Consumables

Software and Services

Breakup by Technology:

Sequencing by Synthesis

Ion Semiconductor Sequencing

Single-Molecule Real-Time Sequencing

Nanopore Sequencing

Others

Breakup by Application:

Biomarker and Cancer

Drug Discovery and Personalized Medicine

Genetic Screening

Diagnostics

Agriculture and Animal Research

Others

Breakup by End-User:

Academic Institutes & Research Centers

Hospitals & Clinics

Pharmaceutical & Biotechnology Companies

Others

Market by Region

Europe

Germany

United Kingdom

France

Italy

Spain

Russia

Netherlands

Rest of Europe

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Rest of Asia Pacific

Latin America

Mexico

Brazil

Argentina

Rest of Latin America

Middle East & Africa

Saudi Arabia

Turkey

Iran

United Arab Emirates

Rest of Middle East and Africa

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