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Whole Exome Sequencing Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Whole Exome Sequencing Trends and Forecast

The future of the global whole exome sequencing market looks promising with opportunities in the clinical diagnostic, drug discovery & development, and personalized medicine markets. The global whole exome sequencing market is expected to reach an estimated $3.7 billion by 2030 with a CAGR of 14.6% from 2024 to 2030. The major drivers for this market are growing application of this sequencing in science and technology, ongoing development in genomics and next-generation sequencing technologies, and rising demand for personalized medicine.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Whole Exome Sequencing by Segment

The study includes a forecast for the global whole exome sequencing by product, technology, application, end use, and region.

Whole Exome Sequencing Market by Product [Shipment Analysis by Value from 2018 to 2030]:

Instruments

Consumables

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Services

Whole Exome Sequencing Market by Technology [Shipment Analysis by Value from 2018 to 2030]:

Sequencing by Synthesis

ION Semiconductor Sequencing

Others

Whole Exome Sequencing Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Clinical Diagnostics

Drug Discovery & Development

Personalized Medicines

Others

Whole Exome Sequencing Market by End Use [Shipment Analysis by Value from 2018 to 2030]:

Academic & Research Institutes

Hospitals & Clinics

Pharmaceutical & Biotechnology Companies

Others

Whole Exome Sequencing Market by Region [Shipment Analysis by Value from 2018 to

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2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Whole Exome Sequencing Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies whole exome sequencing companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the whole exome sequencing companies profiled in this report include-

Thermo Fisher Scientific

Illumina

Agilent Technologies

BGI

PacBio

Oxford Nanopore Technologies

Azenta

CD Genomics

Novogene

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Eurofins Genomics

Whole Exome Sequencing Market Insights

Lucintel forecasts that consumable is expected to witness the highest growth over the forecast period.

Within this market, drug discovery & development will remain the largest segment over the forecast period.

North America will remain the largest region over the forecast period.

Features of the Global Whole Exome Sequencing Market

Market Size Estimates: Whole exome sequencing market size estimation in terms of value ($B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Whole exome sequencing market size by various segments, such as by product, technology, application, end use, and region in terms of value ($B).

Regional Analysis: Whole exome sequencing market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different products, technologies, applications, end uses, and regions for the whole exome sequencing market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the whole exome sequencing market.

Analysis of competitive intensity of the industry based on Porter’s Five Forces model.

FAQ

Q1. What is the whole exome sequencing market size?

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Answer: The global whole exome sequencing market is expected to reach an estimated $3.7 billion by 2030.

Q2. What is the growth forecast for whole exome sequencing market?

Answer: The global whole exome sequencing market is expected to grow with a CAGR of 14.6% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the whole exome sequencing market?

Answer: The major drivers for this market are growing application of this sequencing in science and technology, ongoing development in genomics and next-generation sequencing technologies, and rising demand for personalized medicine.

Q4. What are the major segments for whole exome sequencing market?

Answer: The future of the whole exome sequencing market looks promising with opportunities in the clinical diagnostic, drug discovery & development, and personalized medicine markets.

Q5. Who are the key whole exome sequencing market companies?

Answer: Some of the key whole exome sequencing companies are as follows:

Thermo Fisher Scientific

Illumina

Agilent Technologies

BGI

PacBio

Oxford Nanopore Technologies

Azenta

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CD Genomics

Novogene

Eurofins Genomics

Q6. Which whole exome sequencing market segment will be the largest in future?

Answer: Lucintel forecasts that consumable is expected to witness the highest growth over the forecast period.

Q7. In whole exome sequencing market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region over the forecast period.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the whole exome sequencing market by product (instruments, consumables, and services), technology (sequencing by synthesis, ion semiconductor sequencing, and others), application (clinical diagnostics, drug discovery & development, personalized medicines, and others), end use (academic & research institutes, hospitals & clinics, pharmaceutical & biotechnology companies, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

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Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Whole Exome Sequencing Market, Whole Exome Sequencing Market Size, Whole Exome Sequencing Market Growth, Whole Exome Sequencing Market Analysis, Whole Exome Sequencing Market Report, Whole Exome Sequencing Market Share, Whole Exome Sequencing Market Trends, Whole Exome Sequencing Market Forecast, Whole Exome Sequencing Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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