

Long Read Sequencing Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the global long read sequencing market looks promising with opportunities in the identification and fine mapping of structural variation, tandem repeat sequencing, pseudogene discrimination, resolving allele phasing, reproductive genomics, cancer, and viral and microbial sequencing applications. The global long read sequencing market is expected to grow with a CAGR of 23%-25% from 2020 to 2025. The major drivers for this market are increasing prevalence of genetic diseases, rising research and development expenditure, and increasing awareness related to long read sequencing.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global long read sequencing market report, please download the report brochure.

The study includes trends and forecast for the global long read sequencing market by product, technology, workflow, distribution channel, application, end use, and region as follows:

By Product [Value (\$ Million) shipment analysis for 2014 – 2025]:

Instruments

Consumables

Services

By Technology [Value (\$ Million) shipment analysis for 2014 – 2025]:

SMRT (Single-molecule Real-time) Sequencing

Nanopore Sequencing

By Workflow [Value (\$ Million) shipment analysis for 2014 – 2025]:

Pre-sequencing

Sequencing

Data Analysis

By Distribution Channel [Value (\$ Million) shipment analysis for 2014 – 2025]:

Direct Tender

Retail Sales

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Identification & Fine Mapping Of Structural Variation

Tandem Repeat Sequencing

Pseudogene Discrimination

Resolving Allele Phasing

Reproductive Genomics

Cancer

Viral & Microbial Sequencing

Others

By End Use [Value (\$ Million) shipment analysis for 2014 – 2025]:

Academic Research

Clinical Research

Hospitals & Clinics

Pharma & Biotech Entities

Other

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

China

India

Japan

The Rest of the World

Brazil

Some of the long read sequencing companies profiled in this report include Oxford Nanopore Technologies, Pacific Biosciences of California, Quantapore, Stratos Genomics, MicrobesNG, Institute of Integrative Biology of the Cell (I2BC), BaseClear, Future Genomics Technologies, Garvan Institute of Medical Research, and Genome Transcriptome Facility of Bordeaux.

Lucintel forecasts that the consumables will remain the largest segment over the forecast period due to increasing genetic diseases, consumables are procured at regular intervals to carry out genome sequencing as these get used in multiple sequence runs.

Within this market, identification and fine mapping of structural variation will remain the largest segment by application over the forecast period as efficiency of detection of structural variations can be enhanced by seven times by the application of a multi-platform approach comprising long read sequencing technology.

North America will remain the largest region over the forecast period due to rising number of genomic procedures for academic and clinical use and availability of well-defined reimbursement policies by private and public health insurance firms in the region.

Features of the Global Long Read Sequencing Market

Market Size Estimates: Global long read sequencing market size estimation in terms of value (\$M) shipment.

Trend and Forecast Analysis: Market trends (2014-2019) and forecast (2020-2025) by various segments.

Segmentation Analysis: Global long read sequencing market size by various segments, such as product, technology, workflow, distribution channel, application and end use in terms of value.

Regional Analysis: Global long read sequencing market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different product, technology, workflow, distribution channel, application end use, and region for the global long read sequencing market.

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

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

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global long read sequencing market by product (instruments, consumables, and services), technology (SMRT sequencing and nanopore sequencing), workflow (pre-sequencing, sequencing and data analysis), distribution channel (direct tender and retail sales), application (identification & fine mapping of structural variation, tandem repeat sequencing, pseudogene discrimination, resolving allele phasing, reproductive genomics, cancer, viral & microbial sequencing, and others), end use (academic research, clinical research, hospitals & clinics, pharma & biotech entities, and other), and region (North America, Europe, Asia Pacific, and 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 drivers and challenges of the global long read sequencing market?

Q.5 What are the business risks and threats to the global long read sequencing market?

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

Q.7 What are some changing demands of customers in this long read sequencing market?

Q.8 What are the new developments in this long read sequencing market? Which companies are leading these developments?

Q.9 Who are the major players in this long read sequencing market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this long read sequencing market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global long read sequencing market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Product (Instruments, Consumables, and Services), Technology (SMRT Sequencing and Nanopore Sequencing), Workflow (Pre-Sequencing, Sequencing and Data Analysis), Distribution Channel (Direct Tender and Retail Sales), Application (Identification & Fine Mapping of Structural Variation, Tandem Repeat Sequencing, Pseudogene Discrimination, Resolving Allele Phasing, Reproductive Genomics, Cancer, Viral & Microbial Sequencing, and Others), and End Use (Academic Research, Clinical Research, Hospitals & Clinics, Pharma & Biotech Entities, and Other)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom,

Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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