

Global Long-Read Sequencing Market 2025 by Company, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our latest research, the global Long-Read Sequencing market size will reach USD 2758 million in 2031, growing at a CAGR of 21.1% over the analysis period.

Long-read sequencing is a form of next-generation sequencing (NGS) that has technical advantages over short-read sequencing for the detection of specific types of genetic variation. It can sequence long strands of DNA or RNA in one go, without breaking it up into smaller fragments.

This report is a detailed and comprehensive analysis for global Long-Read Sequencing market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Long-Read Sequencing market size and forecasts, in consumption value (\$ Million), 2020-2031

Global Long-Read Sequencing market size and forecasts by region and country, in consumption value (\$ Million), 2020-2031

Global Long-Read Sequencing market size and forecasts, by Type and by Application,

in consumption value (\$ Million), 2020-2031

Global Long-Read Sequencing market shares of main players, in revenue (\$ Million), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Long-Read Sequencing
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Long-Read Sequencing market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Oxford Nanopore, Agilent Technologies, Thermo Fisher Scientific, QIAGEN, PacBio, Illumina, Takara Bio, 10X Genomics, Danaher, Azenta US, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Long-Read Sequencing market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Nanopore Sequencing

Single-molecule Real-time Sequencing

Synthetic Long-read Sequencing

Market segment by Application

Research Institutes

Hospitals

Pharmaceutical

Others

Market segment by players, this report covers

Oxford Nanopore

Agilent Technologies

Thermo Fisher Scientific

QIAGEN

PacBio

Illumina

Takara Bio

10X Genomics

Danaher

Azenta US

Revvity

New England Biolabs

BaseClear

Element Biosciences

CD Genomics

Sage Sciences

EdenRoc Sciences

BGI Group

Novogene

Grandomics

Wuhan Beina Technology

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Long-Read Sequencing product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Long-Read Sequencing, with revenue, gross margin, and global market share of Long-Read Sequencing from 2020 to 2025.

Chapter 3, the Long-Read Sequencing competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2020 to 2031

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2020 to 2025. and Long-

Read Sequencing market forecast, by regions, by Type and by Application, with consumption value, from 2026 to 2031.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Long-Read Sequencing.

Chapter 13, to describe Long-Read Sequencing research findings and conclusion.

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