

# Whole Genome Sequencing Market - 2025-2033

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## Abstracts

The Whole Genome Sequencing Market was valued at US\$ 2.45 billion in 2025 and is anticipated to reach US\$ 1.83 billion by 2033, at a CAGR of 0.218 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the Whole Genome Sequencing Market.

This report delivers a comprehensive overview of the Whole Genome Sequencing Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Whole Genome Sequencing Market. The Whole Genome Sequencing Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2033.

Whole Genome Sequencing Market Scope:

By Product

Instruments

Consumables

Services

## By Application

Diagnostics

Drug Discovery

Precision Medicine

Epidemiological Studies

Others

## By Type

Large Whole Genome Sequencing

Small Whole Genome Sequencing

## By End User

Academic & Research Institutes

Hospitals and Diagnostic Centers

Pharmaceutical & Biotechnology Companies

Others

## Key Players

Illumina; Inc.

Thermo Fisher Scientific, Inc.

Oxford Nanopore Technologies, Inc.

QIAGEN

Agilent Technologies

PerkinElmer Genomics,

Bio-Rad Laboratories, Inc.

F. Hoffmann-La Roche Ltd,

PACBIO

PierianDx

## Major Highlights

This report delivers a comprehensive overview of the Whole Genome Sequencing Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Whole Genome Sequencing Market. The Whole Genome Sequencing Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2033.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

## Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

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## Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

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