

# Short-Read Sequencing Market Report: Trends, Forecast and Competitive Analysis

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## Abstracts

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The future of the global short-read sequencing market looks promising with opportunities in the oncology, clinical investigation, reproductive health, HLA (Human Leukocyte Antigen) typing/immune system monitoring, metagenomics, epidemiology & drug development, agrigenomics & forensics, and consumer genomics applications. The global short-read sequencing market is expected to grow with a CAGR of 10%-12% from 2020 to 2025. The major drivers for this market are increasing demand for personalized medicines and companion diagnostics and decreasing cost of genetic 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 short-read sequencing market report, please download the report brochure.

In this market, consumables is the largest product segment of short-read sequencing, whereas development of oncology is the largest application. Growth in various segments of the short-read sequencing market are given below:

The study includes trends and forecast for the global short-read sequencing market by product, technology, workflow, 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]:

Next-Generation Sequencing

Sanger Sequencing

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

Pre-Sequencing

Sequencing

Data Analysis

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

Oncology

Clinical Investigation

Reproductive Health

HLA Typing/Immune System Monitoring

Metagenomics

Epidemiology & Drug Development

Agrigenomics & Forensics

Consumer Genomics

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

Academic Research

Clinical Research

Hospitals & Clinics

Pharma & Biotech Entities

Others

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 short-read sequencing companies profiled in this report includes Thermo Fisher Scientific, Roche, Qiagen, Illumina, Genewiz, Genscript Biotech, 10x Genomics, Macrogen, Agilent Technologies, and BGI Genomics.

Lucintel forecasts that consumables will remain the largest product segment over the forecast period, as they are short-lived and exhibit higher usability as compared to instruments.

Within this market, oncology will remain the largest application segment over the forecast period due to increasing prevalence of cancer and presence of advanced platforms, which allow medical specialists to understand the genetic makeup of tumor cells.

North America will remain the largest region over the forecast period due to favorable regulatory environments that are supporting the development of genomics and presence of the key players in the region.

#### Features of the Global Short-Read Sequencing Market

**Market Size Estimates:** Global short-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 short-read sequencing market size by various segments, such as product, technology, workflow, application, and end use in terms of value.

**Regional Analysis:** Global short-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, application, end use, and region for the global short-read sequencing market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the global short-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 short-read sequencing market by product (instruments, consumables, and services), technology (next-generation sequencing and sanger sequencing), workflow (pre-sequencing, sequencing, and data analysis), application (oncology, clinical investigation, reproductive health, HLA typing/immune system monitoring, metagenomics, epidemiology & drug development, agrigenomics & forensics, and consumer genomics), end use (academic research, clinical research, hospitals & clinics, pharma & biotech entities, and others), 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 short-read sequencing market?

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

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

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

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

Q.9 Who are the major players in this short-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 short-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 short-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 (Next-Generation Sequencing and Sanger Sequencing), Workflow (Pre-Sequencing, Sequencing, and Data Analysis), Application (Oncology, Clinical Investigation, Reproductive Health, HLA Typing/Immune System Monitoring, Metagenomics, Epidemiology & Drug Development, Agrigenomics & Forensics, and Consumer Genomics), and End Use (Academic Research, Clinical Research, Hospitals & Clinics, Pharma & Biotech Entities, and Others)

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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## Contents

### **1. EXECUTIVE SUMMARY**

### **2. MARKET BACKGROUND AND CLASSIFICATIONS**

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

### **3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2014 T 2025**

3.1: Macroeconomic Trends and Forecast

3.2: Global Short-read Sequencing Market Trends and Forecast

3.3: Global Short-read Sequencing Market by Product

3.3.1: Instruments

3.3.2: Consumables

3.3.3: Services

3.4: Global Short-read Sequencing Market by Technology

3.4.1: Next-Generation Sequencing

3.4.2: Sanger Sequencing

3.5: Global Short-read Sequencing Market by Workflow

3.5.1: Pre-Sequencing

3.5.2: Sequencing

3.5.3: Data Analysis

3.6: Global Short-read Sequencing Market by Application

3.6.1: Oncology

3.6.2: Clinical Investigation

3.6.3: Reproductive Health

3.6.4: HLA Typing/Immune System Monitoring

3.6.5: Metagenomics

3.6.6: Epidemiology & Drug Development

3.6.7: Agrigenomics & Forensics

3.6.8: Consumer Genomics

3.7: Global Short-read Sequencing Market by End Use

3.7.1: Academic Research

3.7.2: Clinical Research

3.7.3: Hospitals & Clinics

3.7.4: Pharma & Biotech Entities

### 3.7.5: Others

## 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

### 4.1: Global Short-read Sequencing Market by Region

### 4.2: North American Short-read Sequencing Market

#### 4.2.1: Market by Product: Instruments, Consumables, and Services

#### 4.2.2: Market by Technology: Next-Generation Sequencing and Sanger Sequencing

#### 4.2.3: Market by Workflow: Pre-Sequencing, Sequencing, and Data Analysis

#### 4.2.4: Market by Application: Oncology, Clinical Investigation, Reproductive Health, HLA Typing/Immune System Monitoring, Metagenomics, Epidemiology & Drug Development, Agrigenomics & Forensics, and Consumer Genomics

#### 4.2.5: Market by End Use: Academic Research, Clinical Research, Hospitals & Clinics, Pharma & Biotech Entities, and Others

#### 4.2.6: The United States Short-read Sequencing Market

#### 4.2.7: The Canadian Short-read Sequencing Market

#### 4.2.8: The Mexican Short-read Sequencing Market

### 4.3: European Short-read Sequencing Market

#### 4.3.1: Market by Product: Instruments, Consumables, and Services

#### 4.3.2: Market by Technology: Next-Generation Sequencing and Sanger Sequencing

#### 4.3.3: Market by Workflow: Pre-Sequencing, Sequencing, and Data Analysis

#### 4.3.4: Market by Application: Oncology, Clinical Investigation, Reproductive Health, HLA Typing/Immune System Monitoring, Metagenomics, Epidemiology & Drug Development, Agrigenomics & Forensics, and Consumer Genomics

#### 4.3.5: Market by End Use: Academic Research, Clinical Research, Hospitals & Clinics, Pharma & Biotech Entities, and Others

#### 4.3.6: The Short-read Sequencing Market of United Kingdom

#### 4.3.7: The German Short-read Sequencing Market

#### 4.3.8: The French Short-read Sequencing Market

### 4.4: APAC Short-read Sequencing Market

#### 4.4.1: Market by Product: Instruments, Consumables, and Services

#### 4.4.2: Market by Technology: Next-Generation Sequencing and Sanger Sequencing

#### 4.4.3: Market by Workflow: Pre-Sequencing, Sequencing, and Data Analysis

#### 4.4.4: Market by Application: Oncology, Clinical Investigation, Reproductive Health, HLA Typing/Immune System Monitoring, Metagenomics, Epidemiology & Drug Development, Agrigenomics & Forensics, and Consumer Genomics

#### 4.4.5: Market by End Use: Academic Research, Clinical Research, Hospitals & Clinics, Pharma & Biotech Entities, and Others

#### 4.4.6: The Chinese Short-read Sequencing Market



- 4.4.7: The Indian Short-read Sequencing Market
- 4.4.8: The Japanese Short-read Sequencing Market
- 4.5: ROW Short-read Sequencing Market
  - 4.5.1: Market by Product: Instruments, Consumables, and Services
  - 4.5.2: Market by Technology: Next-Generation Sequencing and Sanger Sequencing
  - 4.5.3: Market by Workflow: Pre-Sequencing, Sequencing, and Data Analysis
  - 4.5.4: Market by Application: Oncology, Clinical Investigation, Reproductive Health, HLA Typing/Immune System Monitoring, Metagenomics, Epidemiology & Drug Development, Agrigenomics & Forensics, and Consumer Genomics
  - 4.5.5: Market by End Use: Academic Research, Clinical Research, Hospitals & Clinics, Pharma & Biotech Entities, and Others
  - 4.5.6: Brazilian Short-read Sequencing Market

## **5. COMPETITOR ANALYSIS**

- 5.1: Market Share Analysis
- 5.2: Product Portfolio Analysis
- 5.3: Operational Integration
- 5.4: Geographical Reach
- 5.5: Porter's Five Forces Analysis

## **6. COST STRUCTURE ANALYSIS**

- 6.1: Cost of Goods Sold
- 6.2: SG&A
- 6.3: EBITDA Margin

## **7. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS**

- 7.1: Growth Opportunity Analysis
  - 7.1.1: Growth Opportunities for the Global Short-read Sequencing Market by Product
  - 7.1.2: Growth Opportunities for the Global Short-read Sequencing Market by Technology
  - 7.1.3: Growth Opportunities for the Global Short-read Sequencing Market by Workflow
  - 7.1.4: Growth Opportunities for the Global Short-read Sequencing Market by Application
  - 7.1.5: Growth Opportunities for the Global Short-read Sequencing Market by End Use
  - 7.1.6: Growth Opportunities for the Global Short-read Sequencing Market by Region
- 7.2: Emerging Trends in the Global Short-read Sequencing Market

### 7.3: Strategic Analysis

7.3.1: New Product Development

7.3.2: Capacity Expansion of the Global Short-read Sequencing Market

7.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Short-read Sequencing Market

7.3.4: Certification and Licensing

## **8. COMPANY PROFILES OF LEADING PLAYERS**

8.1: Thermo Fisher Scientific Inc.

8.2: Hoffmann-La Roche AG

8.3: Qiagen N.V.

8.4: Illumina, Inc.

8.5: Genewiz

8.6: Genscript Biotech Corporation

8.7: 10x Genomics

8.8: Macrogen, Inc.

8.9: Agilent Technologies

8.10: BGI Genomics

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