

# Whole Genome Sequencing Market Size, Share & Trends Analysis Report By Product (Instruments, Consumables, Services), By Type, By Workflow, By Application, By End-use, By Region, And Segment Forecasts, 2023 - 2030

<https://marketpublishers.com/r/W59E739AD9DDEN.html>

Date: February 2023

Pages: 180

Price: US\$ 5,950.00 (Single User License)

ID: W59E739AD9DDEN

## Abstracts

This report can be delivered to the clients within 2 Business Days

### Whole Genome Sequencing Market Growth & Trends

The global whole genome sequencing market size is projected to reach USD 6.67 billion by 2030, expanding at a CAGR of 20.06% from 2023 to 2030, according to a new report by Grand View Research, Inc. The market growth can be attributed to the rising adoption of whole genome sequencing for genome mapping programs and the increasing prevalence of inherited disorders, including rare genetic disorders. According to the study published in the New England Journal of Medicine in November 2021, whole genome sequencing could lead to the early diagnosis of a wide range of rare diseases and a reported transition to precision medicine.

Furthermore, the growing investment in R&D for the early detection and treatment of disorders with the aid of WGS is expected to propel the growth of the market. For instance, in February 2023, the government of Indonesia and the Genome Science Initiative, with the aid of a USD 30 million investment from the Global Fund, established a network of facilities to perform the method for the early detection and treatment of disorders, including COVID-19, tuberculosis, cancer, genetic disorders, brain diseases, and metabolic disorders.

Whole genome sequencing has a wide range of applications, and government bodies

are adopting these technologies for sequencing the genomes of humans, plant, animal, and microbes, which is expected to drive market growth. For instance, U.S. Food & Drug Administration (FDA) adopted the method to identify foodborne pathogens during foodborne disease outbreaks across the countries. The FDA has adopted this technology since 2008 under the Whole Genome Sequencing (WGS) program as it enables it to distinguish all strains of foodborne pathogens more efficiently than pulse-field gel electrophoresis (PFGE).

The rising technological advancements have led to the launch of innovative whole genome sequencing products that offer an affordable, accurate, and timely diagnosis of various diseases and infections. This is contributing to the growth of the market. For instance, in December 2022, LifeCell International Pvt. Ltd. collaborated with HaystackAnalytics to launch TB, a whole genome sequencing test to identify the diagnostic information on tuberculosis infections and tackle the drug resistance challenge.

The COVID-19 pandemic led to an increased demand for the method globally, which enabled the rapid identification of SARS-CoV-2 and the development of possible diagnostic tests to manage the outbreak. Hence, governments across the globe collaborated with research organizations and the corporate sector to use the method to identify and diagnose SARS-CoV-2. Several companies have launched genomic services and rapid solutions for the surveillance of the SARS-CoV-2 virus. For instance, QIAGEN offers the whole genome sequencing services SARS-CoV-2 surveillance for the identification of potent mutants, tracing of possible outbreaks, and advancement of vaccine research and drug development.

### Whole Genome Sequencing Market Report Highlights

Consumables segment held the largest share of 61.56% in 2022, owing to the availability of a wide range of consumables and increased adoption of these products due to the shorter duration of use of these products

By type, the large whole genome sequencing segment accounted for the largest share of 77.32% in the whole genome sequencing market in 2022. This can be attributed to the growing applications for analyzing cancerous tumors and identifying genetic variations in rare diseases

By workflow, the sequencing segment held the largest market share of 52.12% in 2022, owing to the growing involvement of major companies and the launch of

novel products to boost the adoption of the process

By application, the human whole genome sequencing segment dominated the market in 2022 with a share of 62.91%. This can be attributed to the growing prevalence of rare inherited disorders and growing investment in R&D for the method to identify possible causative agents of these disorders

By end-use, the academic & research institutes segment dominated the global market with the largest share of 48.72%. The large share of the segment can be attributed to the growing demand for high-throughput technologies at these facilities to conduct comprehensive research in this field

North America held the largest market share of 51.34% in 2022. The large share can be attributed to the presence of a well-established healthcare system and pharmaceutical industry in the region, which has created a significant demand for whole genome sequencing for clinical and research purposes

## Contents

### **CHAPTER 1. METHODOLOGY AND SCOPE**

- 1.1. Information Procurement
- 1.2. Information or Data Analysis
- 1.3. Market Scope & Segment Definition
- 1.4. Market Model
  - 1.4.1. Market Study, By Company Market Share
  - 1.4.2. Regional Analysis

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Market Snapshot
- 2.2. Segment Snapshot
- 2.3. Competitive Landscape Snapshot

### **CHAPTER 3. MARKET VARIABLES, TRENDS, & SCOPE**

- 3.1. Market Segmentation and Scope
- 3.2. Market Lineage Outlook
  - 3.2.1. Parent Market Outlook
  - 3.2.2. Related/Ancillary Market Outlook
- 3.3. Market Dynamics
  - 3.3.1. Rising prevalence of inherited disorders
  - 3.3.2. Decreasing costs for genetic sequencing
  - 3.3.3. Rising demand for whole genome sequencing for genome mapping programs
- 3.4. Market Restraint Analysis
  - 3.4.1. Ethical and legal challenges associated with genomic sequencing
- 3.5. Industry Analysis Tools
  - 3.5.1. Porter's Five Forces Analysis
  - 3.5.2. Macroeconomic Analysis
- 3.6. COVID-19 Impact Analysis

### **CHAPTER 4. WHOLE GENOME SEQUENCING MARKET: PRODUCT BUSINESS ANALYSIS**

- 4.1. Whole Genome Sequencing Market: Product Market Share Analysis
- 4.2. Whole Genome Sequencing Market Estimates & Forecast, By Product (USD)

Million)

#### 4.3. Instruments

4.3.1. Instruments Market, 2018 - 2030 (USD Million)

#### 4.4. Consumables

4.4.1. Consumables Market, 2018 - 2030 (USD Million)

#### 4.5. Services

4.5.1. Services Market, 2018 - 2030 (USD Million)

### **CHAPTER 5. WHOLE GENOME SEQUENCING MARKET: TYPE BUSINESS ANALYSIS**

5.1. Whole Genome Sequencing Market: Type Market Share Analysis

5.2. Whole Genome Sequencing Market Estimates & Forecast, By Type (USD Million)

5.3. Large Whole Genome Sequencing

5.3.1. Large Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

5.4. Small Whole Genome Sequencing

5.4.1. Small Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

### **CHAPTER 6. WHOLE GENOME SEQUENCING MARKET: WORKFLOW BUSINESS ANALYSIS**

6.1. Whole Genome Sequencing Market: Workflow Market Share Analysis

6.2. Whole Genome Sequencing Market Estimates & Forecast, By Workflow (USD Million)

6.3. Pre-Sequencing

6.3.1. Pre-Sequencing Market, 2018 - 2030 (USD Million)

6.4. Sequencing

6.4.1. Sequencing Market, 2018 - 2030 (USD Million)

6.5. Data Analysis

6.5.1. Data Analysis Market, 2018 - 2030 (USD Million)

### **CHAPTER 7. WHOLE GENOME SEQUENCING MARKET: APPLICATION BUSINESS ANALYSIS**

7.1. Whole Genome Sequencing Market: Application Market Share Analysis

7.2. Whole Genome Sequencing Market Estimates & Forecast, By Application (USD Million)

7.3. Human Whole Genome Sequencing

7.3.1. Human Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

#### 7.4. Plant Whole Exome Sequencing

7.4.1. Plant Whole Exome Sequencing Market, 2018 - 2030 (USD Million)

#### 7.5. Animal Whole Exome Sequencing

7.5.1. Animal Whole Exome Sequencing Market, 2018 - 2030 (USD Million)

#### 7.6. Microbial Whole Exome Sequencing

7.6.1. Microbial Market, 2018 - 2030 (USD Million)

### **CHAPTER 8. WHOLE GENOME SEQUENCING MARKET: END-USE BUSINESS ANALYSIS**

#### 8.1. Whole Genome Sequencing Market: End-Use Market Share Analysis

#### 8.2. Whole Genome Sequencing Market Estimates & Forecast, By End-Use (USD Million)

##### 8.3. Academic & Research Institutes

8.3.1. Academic & Research Institutes Market, 2018 - 2030 (USD Million)

##### 8.4. Hospitals & Clinics

8.4.1. Hospitals & Clinics Market, 2018 - 2030 (USD Million)

##### 8.5. Pharmaceutical & Biotechnology Companies

8.5.1. Pharmaceutical & Biotechnology Companies Market, 2018 - 2030 (USD Million)

##### 8.6. Others

8.6.1. Others Market, 2018 - 2030 (USD Million)

### **CHAPTER 9. WHOLE GENOME SEQUENCING MARKET: REGIONAL BUSINESS ANALYSIS**

#### 9.1. Whole Genome Sequencing Market Share By Region, 2022 & 2030

##### 9.2. North America

9.2.1. North America Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

###### 9.2.2. U.S.

9.2.2.1. Key Country Dynamics

9.2.2.2. Target Disease Prevalence

9.2.2.3. Competitive Scenario

9.2.2.4. Regulatory Framework

9.2.2.5. Reimbursement Scenario

9.2.2.6. U.S. Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

###### 9.2.3. Canada

9.2.3.1. Key Country Dynamics

9.2.3.2. Target Disease Prevalence

9.2.3.3. Competitive Scenario

- 9.2.3.4. Regulatory Framework
- 9.2.3.5. Reimbursement Scenario
- 9.2.3.6. Canada Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

### 9.3. Europe

- 9.3.1. Europe Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

#### 9.3.2. Germany

- 9.3.2.1. Key Country Dynamics
- 9.3.2.2. Target Disease Prevalence
- 9.3.2.3. Competitive Scenario
- 9.3.2.4. Regulatory Framework
- 9.3.2.5. Reimbursement Scenario
- 9.3.2.6. Germany Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

#### 9.3.3. U.K.

- 9.3.3.1. Key Country Dynamics
- 9.3.3.2. Target Disease Prevalence
- 9.3.3.3. Competitive Scenario
- 9.3.3.4. Regulatory Framework
- 9.3.3.5. Reimbursement Scenario
- 9.3.3.6. U.K. Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

#### 9.3.4. France

- 9.3.4.1. Key Country Dynamics
- 9.3.4.2. Target Disease Prevalence
- 9.3.4.3. Competitive Scenario
- 9.3.4.4. Regulatory Framework
- 9.3.4.5. Reimbursement Scenario
- 9.3.4.6. France Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

#### 9.3.5. Italy

- 9.3.5.1. Key Country Dynamics
- 9.3.5.2. Target Disease Prevalence
- 9.3.5.3. Competitive Scenario
- 9.3.5.4. Regulatory Framework
- 9.3.5.5. Reimbursement Scenario
- 9.3.5.6. Italy Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

#### 9.3.6. Spain

- 9.3.6.1. Key Country Dynamics
- 9.3.6.2. Target Disease Prevalence
- 9.3.6.3. Competitive Scenario
- 9.3.6.4. Regulatory Framework
- 9.3.6.5. Reimbursement Scenario



- 9.3.6.6. Spain Whole Genome Sequencing Market, 2018 - 2030 (USD Million)
- 9.3.7. Denmark
  - 9.3.7.1. Key Country Dynamics
  - 9.3.7.2. Target Disease Prevalence
  - 9.3.7.3. Competitive Scenario
  - 9.3.7.4. Regulatory Framework
  - 9.3.7.5. Reimbursement Scenario
  - 9.3.7.6. Denmark Whole Genome Sequencing Market, 2018 - 2030 (USD Million)
- 9.3.8. Sweden
  - 9.3.8.1. Key Country Dynamics
  - 9.3.8.2. Target Disease Prevalence
  - 9.3.8.3. Competitive Scenario
  - 9.3.8.4. Regulatory Framework
  - 9.3.8.5. Reimbursement Scenario
  - 9.3.8.6. Sweden Whole Genome Sequencing Market, 2018 - 2030 (USD Million)
- 9.3.9. Norway
  - 9.3.9.1. Key Country Dynamics
  - 9.3.9.2. Target Disease Prevalence
  - 9.3.9.3. Competitive Scenario
  - 9.3.9.4. Regulatory Framework
  - 9.3.9.5. Reimbursement Scenario
  - 9.3.9.6. Norway Whole Genome Sequencing Market, 2018 - 2030 (USD Million)
- 9.4. Asia Pacific
  - 9.4.1. Asia Pacific Whole Genome Sequencing Market, 2018 - 2030 (USD Million)
  - 9.4.2. Japan
    - 9.4.2.1. Key Country Dynamics
    - 9.4.2.2. Target Disease Prevalence
    - 9.4.2.3. Competitive Scenario
    - 9.4.2.4. Regulatory Framework
    - 9.4.2.5. Reimbursement Scenario
    - 9.4.2.6. Japan Whole Genome Sequencing Market, 2018 - 2030 (USD Million)
  - 9.4.3. China
    - 9.4.3.1. Key Country Dynamics
    - 9.4.3.2. Target Disease Prevalence
    - 9.4.3.3. Competitive Scenario
    - 9.4.3.4. Regulatory Framework
    - 9.4.3.5. Reimbursement Scenario
    - 9.4.3.6. China Whole Genome Sequencing Market, 2018 - 2030 (USD Million)
  - 9.4.4. India



- 9.4.4.1. Key Country Dynamics
- 9.4.4.2. Target Disease Prevalence
- 9.4.4.3. Competitive Scenario
- 9.4.4.4. Regulatory Framework
- 9.4.4.5. Reimbursement Scenario
- 9.4.4.6. India Whole Genome Sequencing Market, 2018 - 2030 (USD Million)
- 9.4.5. South Korea
  - 9.4.5.1. Key Country Dynamics
  - 9.4.5.2. Target Disease Prevalence
  - 9.4.5.3. Competitive Scenario
  - 9.4.5.4. Regulatory Framework
  - 9.4.5.5. Reimbursement Scenario
  - 9.4.5.6. South Korea Whole Genome Sequencing Market, 2018 - 2030 (USD Million)
- 9.4.6. Australia
  - 9.4.6.1. Key Country Dynamics
  - 9.4.6.2. Target Disease Prevalence
  - 9.4.6.3. Competitive Scenario
  - 9.4.6.4. Regulatory Framework
  - 9.4.6.5. Reimbursement Scenario
  - 9.4.6.6. Australia Whole Genome Sequencing Market, 2018 - 2030 (USD Million)
- 9.4.7. Thailand
  - 9.4.7.1. Key Country Dynamics
  - 9.4.7.2. Target Disease Prevalence
  - 9.4.7.3. Competitive Scenario
  - 9.4.7.4. Regulatory Framework
  - 9.4.7.5. Reimbursement Scenario
  - 9.4.7.6. Thailand Whole Genome Sequencing Market, 2018 - 2030 (USD Million)
- 9.5. Latin America
  - 9.5.1. Latin America Whole Genome Sequencing Market, 2018 - 2030 (USD Million)
  - 9.5.2. Brazil
    - 9.5.2.1. Key Country Dynamics
    - 9.5.2.2. Target Disease Prevalence
    - 9.5.2.3. Competitive Scenario
    - 9.5.2.4. Regulatory Framework
    - 9.5.2.5. Reimbursement Scenario
    - 9.5.2.6. Brazil Whole Genome Sequencing Market, 2018 - 2030 (USD Million)
  - 9.5.3. Mexico
    - 9.5.3.1. Key Country Dynamics
    - 9.5.3.2. Target Disease Prevalence

- 9.5.3.3. Competitive Scenario
- 9.5.3.4. Regulatory Framework
- 9.5.3.5. Reimbursement Scenario
- 9.5.3.6. Mexico Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

#### 9.5.4. Argentina

- 9.5.4.1. Key Country Dynamics
- 9.5.4.2. Target Disease Prevalence
- 9.5.4.3. Competitive Scenario
- 9.5.4.4. Regulatory Framework
- 9.5.4.5. Reimbursement Scenario
- 9.5.4.6. Argentina Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

#### 9.6. MEA

##### 9.6.1. MEA Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

##### 9.6.2. South Africa

- 9.6.2.1. Key Country Dynamics
- 9.6.2.2. Target Disease Prevalence
- 9.6.2.3. Competitive Scenario
- 9.6.2.4. Regulatory Framework
- 9.6.2.5. Reimbursement Scenario
- 9.6.2.6. South Africa Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

##### 9.6.3. Saudi Arabia

- 9.6.3.1. Key Country Dynamics
- 9.6.3.2. Target Disease Prevalence
- 9.6.3.3. Competitive Scenario
- 9.6.3.4. Regulatory Framework
- 9.6.3.5. Reimbursement Scenario
- 9.6.3.6. Saudi Arabia Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

##### 9.6.4. UAE

- 9.6.4.1. Key Country Dynamics
- 9.6.4.2. Target Disease Prevalence
- 9.6.4.3. Competitive Scenario
- 9.6.4.4. Regulatory Framework
- 9.6.4.5. Reimbursement Scenario
- 9.6.4.6. UAE Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

##### 9.6.5. Kuwait

- 9.6.5.1. Key Country Dynamics
- 9.6.5.2. Target Disease Prevalence
- 9.6.5.3. Competitive Scenario
- 9.6.5.4. Regulatory Framework

9.6.5.5. Reimbursement Scenario

9.6.5.6. Kuwait Whole Genome Sequencing Market, 2018 - 2030 (USD Million)

## **CHAPTER 10. COMPETITIVE LANDSCAPE**

10.1. Company Categorization

10.2. Company Market Share Analysis, 2022

10.3. Strategy Mapping

10.4. Company Profiles/Listing

10.4.1. Illumina, Inc.

10.4.1.1. Overview

10.4.1.2. Financial Performance (Net Revenue/Sales/EBITDA/Gross Profit)

10.4.1.3. Product Benchmarking

10.4.1.4. Strategic Initiatives

10.4.2. Thermo Fisher Scientific, Inc.

10.4.2.1. Overview

10.4.2.2. Financial Performance (Net Revenue/Sales/EBITDA/Gross Profit)

10.4.2.3. Product Benchmarking

10.4.2.4. Strategic Initiatives

10.4.3. Oxford Nanopore Technologies

10.4.3.1. Overview

10.4.3.2. Financial Performance (Net Revenue/Sales/EBITDA/Gross Profit)

10.4.3.3. Product Benchmarking

10.4.3.4. Strategic Initiatives

10.4.4. Pacific Biosciences of California, Inc.

10.4.4.1. Overview

10.4.4.2. Financial Performance (Net Revenue/Sales/EBITDA/Gross Profit)

10.4.4.3. Product Benchmarking

10.4.4.4. Strategic Initiatives

10.4.5. BGI

10.4.5.1. Overview

10.4.5.2. Financial Performance (Net Revenue/Sales/EBITDA/Gross Profit)

10.4.5.3. Product Benchmarking

10.4.5.4. Strategic Initiatives

10.4.6. QIAGEN

10.4.6.1. Overview

10.4.6.2. Financial Performance (Net Revenue/Sales/EBITDA/Gross Profit)

10.4.6.3. Product Benchmarking

10.4.6.4. Strategic Initiatives

#### 10.4.7. Agilent Technologies

##### 10.4.7.1. Overview

##### 10.4.7.2. Financial Performance (Net Revenue/Sales/EBITDA/Gross Profit)

##### 10.4.7.3. Product Benchmarking

##### 10.4.7.4. Strategic Initiatives

#### 10.4.8. ProPhase Labs, Inc. (Nebula Genomics)

##### 10.4.8.1. Overview

##### 10.4.8.2. Financial Performance (Net Revenue/Sales/EBITDA/Gross Profit)

##### 10.4.8.3. Product Benchmarking

##### 10.4.8.4. Strategic Initiatives

#### 10.4.9. Psomagen

##### 10.4.9.1. Overview

##### 10.4.9.2. Financial Performance (Net Revenue/Sales/EBITDA/Gross Profit)

##### 10.4.9.3. Product Benchmarking

##### 10.4.9.4. Strategic Initiatives

#### 10.4.10. Azenta US, Inc. (GENEWIZ)

##### 10.4.10.1. Overview

##### 10.4.10.2. Financial Performance (Net Revenue/Sales/EBITDA/Gross Profit)

##### 10.4.10.3. Product Benchmarking

##### 10.4.10.4. Strategic Initiatives

## List Of Tables

### LIST OF TABLES

Table 1 List of secondary sources

Table 2 List of abbreviations

Table 3 Global whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 4 Global whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 5 Global whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 6 Global whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 7 Global whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 8 Global whole genome sequencing market, by region, 2018 - 2030 (USD Million)

Table 9 North America whole genome sequencing market, by country, 2018 - 2030 (USD Million)

Table 10 North America whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 11 North America whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 12 North America whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 13 North America whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 14 North America whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 15 U.S. whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 16 U.S. whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 17 U.S. whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 18 U.S. whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 19 U.S. whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 20 Canada whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 21 Canada whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Million)

Table 22 Canada whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 23 Canada whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 24 Canada whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 25 Europe whole genome sequencing market, by country, 2018 - 2030 (USD Million)

Table 26 Europe whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 27 Europe whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 28 Europe whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 29 Europe whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 30 Europe whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 31 U.K. whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 32 U.K. whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 33 U.K. whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 34 U.K. whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 35 U.K. whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 36 Germany whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 37 Germany whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 38 Germany whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 39 Germany whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 40 Germany whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 41 France whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 42 France whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 43 France whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 44 France whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 45 France whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 46 Italy whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 47 Italy whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 48 Italy whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 49 Italy whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 50 Italy whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 51 Spain whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 52 Spain whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 53 Spain whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 54 Spain whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 55 Spain whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 56 Denmark whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 57 Denmark whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 58 Denmark whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 59 Denmark whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 60 Denmark whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 61 Sweden whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 62 Sweden whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 63 Sweden whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)



Table 64 Sweden whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 65 Sweden whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 66 Norway whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 67 Norway whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 68 Norway whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 69 Norway whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 70 Norway whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 71 Asia Pacific whole genome sequencing market, by country, 2018 - 2030 (USD Million)

Table 72 Asia Pacific whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 73 Asia Pacific whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 74 Asia Pacific whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 75 Asia Pacific whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 76 Asia Pacific whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 77 Japan whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 78 Japan whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 79 Japan whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 80 Japan whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 81 Japan whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 82 China whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 83 China whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 84 China whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 85 China whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 86 China whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 87 India whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 88 India whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 89 India whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 90 India whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 91 India whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 92 Australia whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 93 Australia whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 94 Australia whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 95 Australia whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 96 Australia whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 97 Thailand whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 98 Thailand whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 99 Thailand whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 100 Thailand whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 101 Thailand whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 102 South Korea whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 103 South Korea whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 104 South Korea whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

- Table 105 South Korea whole genome sequencing market, by application, 2018 - 2030 (USD Million)
- Table 106 South Korea whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)
- Table 107 Latin America whole genome sequencing market, by country, 2018 - 2030 (USD Million)
- Table 108 Latin America whole genome sequencing market, by product, 2018 - 2030 (USD Million)
- Table 109 Latin America whole genome sequencing market, by type, 2018 - 2030 (USD Million)
- Table 110 Latin America whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)
- Table 111 Latin America whole genome sequencing market, by application, 2018 - 2030 (USD Million)
- Table 112 Latin America whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)
- Table 113 Brazil whole genome sequencing market, by product, 2018 - 2030 (USD Million)
- Table 114 Brazil whole genome sequencing market, by type, 2018 - 2030 (USD Million)
- Table 115 Brazil whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)
- Table 116 Brazil whole genome sequencing market, by application, 2018 - 2030 (USD Million)
- Table 117 Brazil whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)
- Table 118 Mexico whole genome sequencing market, by product, 2018 - 2030 (USD Million)
- Table 119 Mexico whole genome sequencing market, by type, 2018 - 2030 (USD Million)
- Table 120 Mexico whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)
- Table 121 Mexico whole genome sequencing market, by application, 2018 - 2030 (USD Million)
- Table 122 Mexico whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)
- Table 123 Argentina whole genome sequencing market, by product, 2018 - 2030 (USD Million)
- Table 124 Argentina whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 125 Argentina whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 126 Argentina whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 127 Argentina whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 128 Middle East & Africa whole genome sequencing market, by country, 2018 - 2030 (USD Million)

Table 129 Middle East & Africa whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 130 Middle East & Africa whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 131 Middle East & Africa whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 132 Middle East & Africa whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 133 Middle East & Africa whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 134 South Africa whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 135 South Africa whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 136 South Africa whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 137 South Africa whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 138 South Africa whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 139 Saudi Arabia whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 140 Saudi Arabia whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 141 Saudi Arabia whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 142 Saudi Arabia whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 143 Saudi Arabia whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 144 UAE whole genome sequencing market, by product, 2018 - 2030 (USD

Million)

Table 145 UAE whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 146 UAE whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 147 UAE whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 148 UAE whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 149 Kuwait whole genome sequencing market, by product, 2018 - 2030 (USD Million)

Table 150 Kuwait whole genome sequencing market, by type, 2018 - 2030 (USD Million)

Table 151 Kuwait whole genome sequencing market, by workflow, 2018 - 2030 (USD Million)

Table 152 Kuwait whole genome sequencing market, by application, 2018 - 2030 (USD Million)

Table 153 Kuwait whole genome sequencing market, by end-use, 2018 - 2030 (USD Million)

Table 154 Participant's overview

Table 155 Financial performance

Table 156 Key companies undergoing expansions

Table 157 Key companies undergoing acquisitions

Table 158 Key companies undergoing collaborations

Table 159 Key companies launching new products/services

Table 160 Key companies undergoing partnerships

Table 161 Key companies undertaking other strategies

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Whole genome sequencing market segmentation
- Fig. 2 Market research process
- Fig. 3 Data triangulation techniques
- Fig. 4 Primary research pattern
- Fig. 5 Market research approaches
- Fig. 6 Value-chain-based sizing & forecasting
- Fig. 7 QFD modeling for market share assessment
- Fig. 8 Market formulation & validation
- Fig. 9 Market snapshot
- Fig. 10 Segment snapshot
- Fig. 11 Competitive landscape snapshot
- Fig. 12 Parent market outlook
- Fig. 13 Related/ancillary market outlook
- Fig. 14 Whole genome sequencing - Industry value chain analysis
- Fig. 15 Whole genome sequencing market dynamics
- Fig. 16 Whole genome sequencing market: Porter's analysis
- Fig. 17 Whole genome sequencing market: PESTLE analysis
- Fig. 18 Whole genome sequencing market: Product outlook and key takeaways
- Fig. 19 Whole genome sequencing market: Product market share analysis, 2022 - 2030
- Fig. 20 Global instruments market, 2018 - 2030 (USD Million)
- Fig. 21 Global consumables market, 2018 - 2030 (USD Million)
- Fig. 22 Global services market, 2018 - 2030 (USD Million)
- Fig. 23 Whole genome sequencing market: Type outlook and key takeaways
- Fig. 24 Whole genome sequencing market: Type market share analysis, 2022 - 2030
- Fig. 25 Global large whole genome sequencing market, 2018 - 2030 (USD Million)
- Fig. 26 Global small whole genome sequencing market, 2018 - 2030 (USD Million)
- Fig. 27 Whole genome sequencing market: Workflow outlook and key takeaways
- Fig. 28 Whole genome sequencing market: Workflow market share analysis, 2022 - 2030
- Fig. 29 Global pre-sequencing market, 2018 - 2030 (USD Million)
- Fig. 30 Global sequencing market, 2018 - 2030 (USD Million)
- Fig. 31 Global data analysis market, 2018 - 2030 (USD Million)
- Fig. 32 Whole genome sequencing market: Application outlook and key takeaways
- Fig. 33 Whole genome sequencing market: Application market share analysis, 2022 - 2030



- Fig. 34 Global human whole genome sequencing market, 2018 - 2030 (USD Million)
- Fig. 35 Global plant whole genome sequencing market, 2018 - 2030 (USD Million)
- Fig. 36 Global animal whole genome sequencing market, 2018 - 2030 (USD Million)
- Fig. 37 Global microbial whole genome sequencing market, 2018 - 2030 (USD Million)
- Fig. 38 Whole genome sequencing market: End-use outlook and key takeaways
- Fig. 39 Whole genome sequencing market: End-use market share analysis, 2022 - 2030
- Fig. 40 Global academic & research institutes market, 2018 - 2030 (USD Million)
- Fig. 41 Global hospitals & clinics market, 2018 - 2030 (USD Million)
- Fig. 42 Global pharmaceutical & biotechnology companies market, 2018 - 2030 (USD Million)
- Fig. 43 Global others market, 2018 - 2030 (USD Million)
- Fig. 44 Regional marketplace: Key takeaways
- Fig. 45 Regional marketplace: Key takeaways
- Fig. 46 North America whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)
- Fig. 47 U.S. key country dynamics
- Fig. 48 U.S. whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)
- Fig. 49 Canada key country dynamics
- Fig. 50 Canada whole genome sequencing market, 2018 - 2030 (USD Million)
- Fig. 51 Europe whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)
- Fig. 52 U.K. key country dynamics
- Fig. 53 U.K. whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)
- Fig. 54 Germany key country dynamics
- Fig. 55 Germany whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)
- Fig. 56 France key country dynamics
- Fig. 57 France whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)
- Fig. 58 Italy key country dynamics
- Fig. 59 Italy whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)
- Fig. 60 Spain key country dynamics
- Fig. 61 Spain whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)
- Fig. 62 Denmark key country dynamics
- Fig. 63 Denmark whole genome sequencing market estimates and forecast, 2018 -



2030 (USD Million)

Fig. 64 Sweden key country dynamics

Fig. 65 Sweden whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 66 Norway key country dynamics

Fig. 67 Norway whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 68 Asia-Pacific whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 69 Japan key country dynamics

Fig. 70 Japan whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 71 China key country dynamics

Fig. 72 China whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 73 India key country dynamics

Fig. 74 India whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 75 Australia key country dynamics

Fig. 76 Australia whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 77 Thailand key country dynamics

Fig. 78 Thailand whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 79 South Korea key country dynamics

Fig. 80 South Korea whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 81 Latin America whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 82 Brazil key country dynamics

Fig. 83 Brazil whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 84 Mexico key country dynamics

Fig. 85 Mexico whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 86 Argentina key country dynamics

Fig. 87 Argentina whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 88 MEA whole genome sequencing market estimates and forecast, 2018 - 2030

(USD Million)

Fig. 89 South Africa key country dynamics

Fig. 90 South Africa whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 91 Saudi Arabia key country dynamics

Fig. 92 Saudi Arabia whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 93 UAE key country dynamics

Fig. 94 UAE whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 95 Kuwait key country dynamics

Fig. 96 Kuwait whole genome sequencing market estimates and forecast, 2018 - 2030 (USD Million)

Fig. 97 Key company categorization

Fig. 98 Company market positioning

Fig. 99 Company market share analysis, 2022

Fig. 100 Market participant categorization

Fig. 101 Strategy framework

## I would like to order

Product name: Whole Genome Sequencing Market Size, Share & Trends Analysis Report By Product (Instruments, Consumables, Services), By Type, By Workflow, By Application, By End-use, By Region, And Segment Forecasts, 2023 - 2030

Product link: <https://marketpublishers.com/r/W59E739AD9DDEN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/W59E739AD9DDEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970