

Next Generation Sequencing (NGS) Market - 2025-2033

<https://marketpublishers.com/r/NF81CA4D070EEN.html>

Date: April 2026

Pages: 220

Price: US\$ 2,999.00 (Single User License)

ID: NF81CA4D070EEN

Abstracts

The Next Generation Sequencing (NGS) Market was valued at US\$ 15.2 billion in 2025 and is anticipated to reach US\$ 35.92 billion by 2033, at a CAGR of 0.116 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 Next Generation Sequencing (NGS) Market.

This report delivers a comprehensive overview of the Next Generation Sequencing (NGS) 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 Next Generation Sequencing (NGS) Market. The Next Generation Sequencing (NGS) 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.

Next Generation Sequencing (NGS) Market Scope:

Key Players

Thermo Fisher Scientific Inc.

Major Highlights

This report delivers a comprehensive overview of the Next Generation Sequencing (NGS) 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 Next Generation Sequencing (NGS) Market. The Next Generation Sequencing (NGS) 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)

Partner Identification

Increase Your Customer Base by 3X using our Partner Identification tool

Uncover strategic collaboration opportunities with DataM vetted partners aligned to your ecosystem.

Identify high potential M&A targets based on synergies, market positioning and growth trajectory.

Prioritize partners by strategic fit rather than general capability.

Why Choose DataM?

Data-Driven Insights: Dive into detailed analyses with granular insights such as pricing, market shares and value chain evaluations, enriched by interviews with industry leaders and disruptors.

Post-Purchase Support and Expert Analyst Consultations: As a valued client, gain direct access to our expert analysts for personalized advice and strategic guidance, tailored to your specific needs and challenges.

White Papers and Case Studies: Benefit quarterly from our in-depth studies related to your purchased titles, tailored to refine your operational and marketing strategies for maximum impact.

Annual Updates on Purchased Reports: As an existing customer, enjoy the privilege of annual updates to your reports, ensuring you stay abreast of the latest market insights and technological advancements. Terms and conditions apply.

Specialized Focus on Emerging Markets: DataM differentiates itself by delivering in-depth, specialized insights specifically for emerging markets, rather than offering generalized geographic overviews. This approach equips our clients with a nuanced understanding and actionable intelligence that are essential for navigating and succeeding in high-growth regions.

Value of DataM Reports: Our reports offer specialized insights tailored to the latest trends and specific business inquiries. This personalized approach provides a deeper, strategic perspective, ensuring you receive the precise information necessary to make informed decisions. These insights complement and go beyond what is typically available in generic databases.

Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

Contents

1. MARKET INTRODUCTION AND SCOPE

- 1.1. Objectives of the Report
- 1.2. Report Coverage & Definitions
- 1.3. Report Scope

2. EXECUTIVE INSIGHTS AND KEY TAKEAWAYS

3. MARKET HIGHLIGHTS AND STRATEGIC TAKEAWAYS

- 3.1. Key Trends and Future Projections

4. SNIPPET BY PRODUCT TYPE

- 4.1. Snippet by Application
- 4.2. Snippet by Technology
- 4.3. Snippet by End User
- 4.4. Snippet by Region

5. DYNAMICS

5.1. Impacting Factors

5.1.1. Drivers

- 5.1.1.1. Advancements in NGS Platforms
- 5.1.1.2. Drug Discovery Applications Demanding NGS Technology

5.1.2. Restraints

- 5.1.2.1. Limitations Associated with NGS Technology
- 5.1.2.2. Lack of Expertise
- 5.1.2.3. XX

5.1.3. Opportunity

- 5.1.3.1. Rising Research and Development
- 5.1.3.2. XX

5.1.4. Impact Analysis

6. STRATEGIC INSIGHTS AND INDUSTRY OUTLOOK

6.1. Market Leaders and Pioneers

- 6.1.1. Emerging Pioneers and Prominent Players
- 6.1.2. Established Leaders with Largest Marketing Brand
- 6.1.3. Market Leaders with Established Products
- 6.2. Latest Developments and Breakthroughs
- 6.3. Regulatory and Reimbursement Landscape
 - 6.3.1. North America
 - 6.3.2. Europe
 - 6.3.3. Asia Pacific
 - 6.3.4. Latin America
 - 6.3.5. Middle East & Africa
- 6.4. Porter's Five Forces Analysis
- 6.5. Supply Chain Analysis
- 6.6. Patent Analysis
- 6.7. SWOT Analysis
- 6.8. Unmet Needs and Gaps
- 6.9. Recommended Strategies for Market Entry and Expansion
- 6.10. Pricing Analysis and Price Dynamics

7. NEXT GENERATION SEQUENCING (NGS) MARKET PRODUCT TYPE OUTLOOK

- 7.1. Introduction
 - 7.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Product Type
 - 7.1.2. Market Attractiveness Index, By Product Type
- 7.2. Reagents and Consumables*
 - 7.2.1. Introduction
 - 7.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 7.3. Instruments
- 7.4. Others

8. NEXT GENERATION SEQUENCING (NGS) MARKET APPLICATION OUTLOOK

- 8.1. Introduction
 - 8.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application
 - 8.1.2. Market Attractiveness Index, By Application
- 8.2. Agriculture and Animal Research*
 - 8.2.1. Introduction
 - 8.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 8.3. Drug Discovery
- 8.4. Diagnostics

- 8.5. Genetic Screening
- 8.6. Others

9. NEXT GENERATION SEQUENCING (NGS) MARKET TECHNOLOGY OUTLOOK

- 9.1. Introduction
 - 9.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology
 - 9.1.2. Market Attractiveness Index, By Technology
- 9.2. Whole Genome Sequencing*
 - 9.2.1. Introduction
 - 9.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 9.3. Chip Sequencing
- 9.4. De Novo Sequencing
- 9.5. RNA Sequencing
- 9.6. Methyl Sequencing
- 9.7. Others

10. NEXT GENERATION SEQUENCING (NGS) MARKET END USER OUTLOOK

- 10.1. Introduction
 - 10.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By End User
 - 10.1.2. Market Attractiveness Index, By End User
- 10.2. Hospitals and Diagnostic Centers*
 - 10.2.1. Introduction
 - 10.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 10.3. Biotechnology and Pharmaceutical Companies
- 10.4. Academic & Research Institutes
- 10.5. Others

11. NEXT GENERATION SEQUENCING (NGS) MARKET, BY REGIONAL MARKET ANALYSIS AND GROWTH OPPORTUNITIES

12. INTRODUCTION

- 12.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Region
 - 12.1.1. Market Attractiveness Index, By Region
- 12.2. North America
 - 12.2.1. Introduction
 - 12.2.2. Key Region-Specific Dynamics

- 12.2.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Product Type
- 12.2.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application
- 12.2.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology
- 12.2.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

13. MARKET SIZE ANALYSIS AND Y-O-Y GROWTH ANALYSIS (%), BY COUNTRY

13.1. U.S.

- 13.1.1. Canada
 - 13.1.1.1. Mexico

13.2. Europe

- 13.2.1. Introduction
- 13.2.2. Key Region-Specific Dynamics
- 13.2.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Product Type
- 13.2.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application
- 13.2.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology
- 13.2.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User
- 13.2.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country
 - 13.2.7.1. Germany
 - 13.2.7.2. UK
 - 13.2.7.3. France
 - 13.2.7.4. Spain
 - 13.2.7.5. Italy
 - 13.2.7.6. Rest of Europe

13.3. Asia-Pacific

- 13.3.1. Introduction
- 13.3.2. Key Region-Specific Dynamics
- 13.3.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Product Type
- 13.3.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application
- 13.3.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology
- 13.3.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User
- 13.3.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country
 - 13.3.7.1. China
 - 13.3.7.2. India
 - 13.3.7.3. Japan
 - 13.3.7.4. South Korea
 - 13.3.7.5. Rest of Asia-Pacific

13.4. South America

- 13.4.1. Introduction

13.4.2. Key Region-Specific Dynamics

13.4.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Product Type

13.4.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

13.4.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology

13.4.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

13.4.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

13.4.7.1. Brazil

13.4.7.2. Argentina

13.4.7.3. Rest of South America

13.5. Middle East and Africa

13.5.1. Introduction

13.5.2. Key Region-Specific Dynamics

13.5.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Product Type

13.5.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

13.5.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology

13.5.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

14. COMPETITIVE LANDSCAPE AND MARKET POSITIONING

15. COMPETITIVE OVERVIEW AND KEY MARKET PLAYERS

15.1. Market Share Analysis and Positioning Matrix

15.2. Strategic Partnerships, Mergers & Acquisitions

15.3. Key Developments in Product Portfolios and Innovations

15.4. Company Benchmarking

16. COMPANY PROFILES

16.1. Thermo Fisher Scientific Inc.*

16.1.1. Company Overview

16.1.2. Product Portfolio

16.1.2.1. Product Description

16.1.2.2. Product Key Performance Indicators (KPIs)

16.1.2.3. Historic and Forecasted Product Sales

16.1.2.4. Product Sales Volume

17. FINANCIAL OVERVIEW

17.1. Company Revenue

- 17.1.1. Geographical Revenue Shares
 - 17.1.1.1. Revenue Forecasts
- 17.1.2. Key Developments
 - 17.1.2.1. Mergers & Acquisitions
 - 17.1.2.2. Key Product Development Activities
 - 17.1.2.3. Regulatory Approvals, etc.
- 17.1.3. SWOT Analysis
- 17.2. Agilent Technologies, Inc.
- 17.3. Bio-Rad Laboratories, Inc.
- 17.4. Qiagen
- 17.5. Eurofins Scientific
- 17.6. Revvity (PerkinElmer Inc.)
- 17.7. Takara Bio Inc.
- 17.8. Illumina Inc.
- 17.9. Alithea Genomics SA
- 17.10. NewBiologix SA (LIST NOT EXHAUSTIVE)

18. ASSUMPTIONS AND RESEARCH METHODOLOGY

- 18.1. Data Collection Methods
- 18.2. Data Triangulation
- 18.3. Forecasting Techniques
- 18.4. Data Verification and Validation

19. APPENDIX

- 19.1. About Us and Services
- 19.2. Contact Us

I would like to order

Product name: Next Generation Sequencing (NGS) Market - 2025-2033

Product link: <https://marketpublishers.com/r/NF81CA4D070EEN.html>

Price: US\$ 2,999.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/NF81CA4D070EEN.html>