

NGS-Based RNA Sequencing Market 2026

<https://marketpublishers.com/r/N5A9620066C9EN.html>

Date: January 2026

Pages: 223

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

ID: N5A9620066C9EN

Abstracts

The NGS-Based RNA Sequencing Market was valued at in and is anticipated to reach by , at a CAGR of 0.197 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 NGS-Based RNA Sequencing Market.

This report delivers a comprehensive overview of the NGS-Based RNA 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 NGS-Based RNA Sequencing Market. The NGS-Based RNA 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 –.

NGS-Based RNA Sequencing Market Scope:

By Product & Services

Sequencing Platform and Consumables

Sequencing Services

By Technology

Nanopore Sequencing

Sequencing by Synthesis

Ion Semiconductor Sequencing

Single-Molecule Real-Time Sequencing

By Application

Drug Discovery

Diagnostics

Precision Medicine

Others

By End-user

Biotechnology and Pharmaceutical Companies

Research Centers, Academic and Government Institutes

Hospitals and Clinics

Others

Major Highlights

This report delivers a comprehensive overview of the NGS-Based RNA 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 NGS-Based RNA Sequencing

Market. The NGS-Based RNA 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 –.

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. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Research Objective and Scope of the Report

2. MARKET DEFINITION AND OVERVIEW

3. EXECUTIVE SUMMARY

- 3.1. Market Snippet by Product & Services
- 3.2. Market Snippet by Technology
- 3.3. Market Snippet by Application
- 3.4. Market Snippet by End-User
- 3.5. Market Snippet by Region

4. MARKET DYNAMICS

- 4.1. Market Impacting Factors
 - 4.1.1. Drivers:
 - 4.1.1.1. Advantages of RNA-sequencing over the conventional technologies
 - 4.1.2. Restraints:
 - 4.1.2.1. Instability of RNA under normal conditions
 - 4.1.3. Opportunity
 - 4.1.4. Impact Analysis

5. INDUSTRY ANALYSIS

- 5.1. Porter's Five Forces Analysis
- 5.2. Supply Chain Analysis
- 5.3. Pricing Analysis
- 5.4. Regulatory Analysis
- 5.5. PEST Analysis

6. COVID-19 ANALYSIS

- 6.1. Analysis of Covid-19 on the Market
 - 6.1.1. Before COVID-19 Market Scenario

- 6.1.2. Present COVID-19 Market Scenario
- 6.1.3. After COVID-19 or Future Scenario
- 6.2. Pricing Dynamics Amid Covid-19
- 6.3. Demand-Supply Spectrum
- 6.4. Government Initiatives Related to the Market During Pandemic
- 6.5. Manufacturers Strategic Initiatives
- 6.6. Conclusion

7. BY PRODUCT & SERVICES

- 7.1. Introduction
 - 7.1.1. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Product & Services
 - 7.1.2. Market Attractiveness Index, By Product & Services
- 7.2. Sequencing Platform and Consumables*
 - 7.2.1. Introduction
 - 7.2.2. Market Size Analysis, US\$ Million, 2019-2028 and Y-o-Y Growth Analysis (%), 2020-2028
- 7.3. Sequencing Services

8. BY TECHNOLOGY

- 8.1. Introduction
 - 8.1.1. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Technology
 - 8.1.2. Market Attractiveness Index, By Technology
- 8.2. Nanopore Sequencing*
 - 8.2.1. Introduction
 - 8.2.2. Market Size Analysis, US\$ Million, 2019-2028 and Y-o-Y Growth Analysis (%), 2020-2028
- 8.3. Sequencing by Synthesis
- 8.4. Ion Semiconductor Sequencing
- 8.5. Single-Molecule Real-Time Sequencing

9. BY APPLICATION

- 9.1. Introduction
 - 9.1.1. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Application
 - 9.1.2. Market Attractiveness Index, By Application
- 9.2. Drug Discovery*
 - 9.2.1. Introduction

9.2.2. Market Size Analysis, US\$ Million, 2019-2028 and Y-o-Y Growth Analysis (%), 2020-2028

9.3. Diagnostics

9.4. Precision Medicine

9.5. Others

10. BY END-USER

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. Biotechnology and Pharmaceutical Companies*

10.2.1. Introduction

10.2.2. Market Size Analysis, US\$ Million, 2019-2028 and Y-o-Y Growth Analysis (%), 2020-2028

10.3. Research Centers, Academic and Government Institutes

10.4. Hospitals and Clinics

10.5. Others

11. BY REGION

11.1. Introduction

11.1.1. Market Size Analysis, US\$ Million, 2019-2028 and Y-o-Y Growth Analysis (%), 2020-2028, By Region

11.1.2. Market Attractiveness Index, By Region

11.2. North America

11.2.1. Introduction

11.2.2. Key Region-Specific Dynamics

11.2.3. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Product & Services

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

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

11.2.6. Market Size Analysis, and Y-o-Y Growth Analysis (%), By End-user

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

11.2.7.1. U.S.

11.2.7.2. Canada

11.2.7.3. Mexico

11.3. Europe

11.3.1. Introduction

11.3.2. Key Region-Specific Dynamics

- 11.3.3. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Product & Services
- 11.3.4. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Technology
- 11.3.5. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Application
- 11.3.6. Market Size Analysis, and Y-o-Y Growth Analysis (%), By End-user
- 11.3.7. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Country
 - 11.3.7.1. Germany
 - 11.3.7.2. U.K.
 - 11.3.7.3. France
 - 11.3.7.4. Italy
 - 11.3.7.5. Spain
 - 11.3.7.6. Rest of Europe
- 11.4. South America
 - 11.4.1. Introduction
 - 11.4.2. Key Region-Specific Dynamics
 - 11.4.3. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Product & Services
 - 11.4.4. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Technology
 - 11.4.5. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Application
 - 11.4.6. Market Size Analysis, and Y-o-Y Growth Analysis (%), By End-user
 - 11.4.7. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Country
 - 11.4.7.1. Brazil
 - 11.4.7.2. Argentina
 - 11.4.7.3. Rest of South America
- 11.5. Asia Pacific
 - 11.5.1. Introduction
 - 11.5.2. Key Region-Specific Dynamics
 - 11.5.3. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Product & Services
 - 11.5.4. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Technology
 - 11.5.5. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Application
 - 11.5.6. Market Size Analysis, and Y-o-Y Growth Analysis (%), By End-user
 - 11.5.7. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Country
 - 11.5.7.1. China
 - 11.5.7.2. India
 - 11.5.7.3. Japan
 - 11.5.7.4. Australia
 - 11.5.7.5. Rest of Asia Pacific
- 11.6. Middle East and Africa
 - 11.6.1. Introduction
 - 11.6.2. Key Region-Specific Dynamics
 - 11.6.3. Market Size Analysis, and Y-o-Y Growth Analysis (%), By Product & Services

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

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

11.6.6. Market Size Analysis, and Y-o-Y Growth Analysis (%), By End-user

12. COMPETITIVE LANDSCAPE

12.1. Competitive Scenario

12.2. Key Developments and Strategies

12.3. Company Share Analysis

12.4. Product Benchmarking

12.5. Key Companies to Watch

12.6. Company with disruptive technology

13. GLOBAL NGS-BASED RNA-SEQUENCING MARKET- COMPANY PROFILES

13.1. Agilent Technologies, Inc*

13.1.1. Company Overview

13.1.2. Product Portfolio and Description

13.1.3. Key Highlights

13.1.4. Financial Overview

13.2. Illumina, Inc

13.3. Oxford Nanopore Technologies

13.4. Thermo Fisher Scientific Inc

13.5. PerkinElmer, Inc

13.6. F. Hoffmann-La Roche Ltd

13.7. Hamilton Company

13.8. Takara Bio Inc(*LIST NOT EXHAUSTIVE)

14. DATAM INTELLIGENCE

14.1. Appendix

14.2. About Us and Services

14.3. Contact Us

I would like to order

Product name: NGS-Based RNA Sequencing Market 2026

Product link: <https://marketpublishers.com/r/N5A9620066C9EN.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/N5A9620066C9EN.html>