

# Global NGS-based RNA-sequencing Market Research Report 2025(Status and Outlook)

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## Abstracts

### Report Overview

Gene expression studies can also involve looking at profiles or patterns of expression of several genes. RNA sequencing (RNA-Seq) leverages the advantages of next-generation sequencing (NGS) to detect and quantify RNA in a biological sample at a given point in time.

This report provides a deep insight into the global NGS-based RNA-sequencing market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global NGS-based RNA-sequencing Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the NGS-based RNA-sequencing market in any manner.

### Global NGS-based RNA-sequencing Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

### Key Company

Illumina

Thermo Fischer Scientific

Oxford Nanopore

Agilent Technologies

BGI

PerkinElmer

QIAGEN

Eurofins Scientific

Roche

Takara Bio

GENEWIZ

Hamilton

Macrogen

Zymo Research

Tecan Genomics

Market Segmentation (by Type)

Sequencing by Synthesis

Ion Semiconductor Sequencing

Single-molecule Real-time Sequencing

Nanopore Sequencing

Market Segmentation (by Application)

Research & Academia

Hospitals & Clinics

Pharmaceutical & Biotechnology Companies

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

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

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

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the NGS-based RNA-sequencing Market

Overview of the regional outlook of the NGS-based RNA-sequencing Market:

#### Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

## Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the NGS-based RNA-sequencing Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

### Table of Contents

#### 1 Research Methodology and Statistical Scope

##### 1.1 Market Definition and Statistical Scope of NGS-based RNA-sequencing

##### 1.2 Key Market Segments

###### 1.2.1 NGS-based RNA-sequencing Segment by Type

###### 1.2.2 NGS-based RNA-sequencing Segment by Application

##### 1.3 Methodology & Sources of Information

###### 1.3.1 Research Methodology

###### 1.3.2 Research Process

###### 1.3.3 Market Breakdown and Data Triangulation

###### 1.3.4 Base Year

###### 1.3.5 Report Assumptions & Caveats

#### 2 Global NGS-based RNA-sequencing Market Overview

##### 2.1 Global Market Overview

###### 2.1.1 Global NGS-based RNA-sequencing Market Size (M USD) Estimates and Forecasts (2020-2033)

###### 2.1.2 Global NGS-based RNA-sequencing Sales Estimates and Forecasts (2020-2033)

##### 2.2 Market Segment Executive Summary

##### 2.3 Global Market Size by Region

#### 3 Global NGS-based RNA-sequencing Market Competitive Landscape

##### 3.1 Company Assessment Quadrant

##### 3.2 Global NGS-based RNA-sequencing Product Life Cycle

##### 3.3 Global NGS-based RNA-sequencing Sales by Manufacturers (2020-2025)

##### 3.4 Global NGS-based RNA-sequencing Revenue Market Share by Manufacturers (2020-2025)

##### 3.5 NGS-based RNA-sequencing Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

##### 3.6 Global NGS-based RNA-sequencing Average Price by Manufacturers (2020-2025)

##### 3.7 Manufacturers NGS-based RNA-sequencing Manufacturing Sites, Area Served, Product Type

##### 3.8 NGS-based RNA-sequencing Market Competitive Situation and Trends

###### 3.8.1 NGS-based RNA-sequencing Market Concentration Rate

###### 3.8.2 Global 5 and 10 Largest NGS-based RNA-sequencing Players Market Share by Revenue

###### 3.8.3 Mergers & Acquisitions, Expansion

#### 4 NGS-based RNA-sequencing Industry Chain Analysis

##### 4.1 NGS-based RNA-sequencing Industry Chain Analysis

- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis
- 5 The Development and Dynamics of NGS-based RNA-sequencing Market
  - 5.1 Key Development Trends
  - 5.2 Driving Factors
  - 5.3 Market Challenges
  - 5.4 Industry News
    - 5.4.1 New Product Developments
    - 5.4.2 Mergers & Acquisitions
    - 5.4.3 Expansions
    - 5.4.4 Collaboration/Supply Contracts
  - 5.5 PEST Analysis
    - 5.5.1 Industry Policies Analysis
    - 5.5.2 Economic Environment Analysis
    - 5.5.3 Social Environment Analysis
    - 5.5.4 Technological Environment Analysis
  - 5.6 Global NGS-based RNA-sequencing Market Porter's Five Forces Analysis
    - 5.6.1 Global Trade Frictions
    - 5.6.2 Global Trade Frictions and Their Impacts to NGS-based RNA-sequencing Market
  - 5.7 ESG Ratings of Leading Companies
- 6 Global NGS-based RNA-sequencing Market by Region
  - 6.1 Global NGS-based RNA-sequencing Market Size by Region
    - 6.1.1 Global NGS-based RNA-sequencing Market Size by Region
    - 6.1.2 Global NGS-based RNA-sequencing Market Size Market Share by Region
  - 6.2 Global NGS-based RNA-sequencing Sales by Region
    - 6.2.1 Global NGS-based RNA-sequencing Sales by Region
    - 6.2.2 Global NGS-based RNA-sequencing Sales Market Share by Region
- 7 North America Market Overview
  - 7.1 North America NGS-based RNA-sequencing Market Size by Country
    - 7.1.1 USA Market Overview
    - 7.1.2 Canada Market Overview
    - 7.1.3 Mexico Market Overview
  - 7.2 North America NGS-based RNA-sequencing Market Size by Type
  - 7.3 North America NGS-based RNA-sequencing Market Size by Application
- 8 Europe Market Overview
  - 8.1 Europe NGS-based RNA-sequencing Market Size by Country
    - 8.1.1 Germany Market Overview
    - 8.1.2 France Market Overview

- 8.1.3 U.K. Market Overview
- 8.1.4 Italy Market Overview
- 8.1.5 Spain Market Overview
- 8.2 Europe NGS-based RNA-sequencing Market Size by Type
- 8.3 Europe NGS-based RNA-sequencing Market Size by Application
- 9 Asia-Pacific Market Overview
  - 9.1 Asia-Pacific NGS-based RNA-sequencing Market Size by Country
    - 9.1.1 China Market Overview
    - 9.1.2 Japan Market Overview
    - 9.1.3 South Korea Market Overview
    - 9.1.4 India Market Overview
    - 9.1.5 Southeast Asia Market Overview
  - 9.2 Asia-Pacific NGS-based RNA-sequencing Market Size by Type
  - 9.3 Asia-Pacific NGS-based RNA-sequencing Market Size by Application
- 10 South America Market Overview
  - 10.1 South America NGS-based RNA-sequencing Market Size by Country
    - 10.1.1 Brazil Market Overview
    - 10.1.2 Argentina Market Overview
    - 10.1.3 Columbia Market Overview
  - 10.2 South America NGS-based RNA-sequencing Market Size by Type
  - 10.3 South America NGS-based RNA-sequencing Market Size by Application
- 11 Middle East and Africa Market Overview
  - 11.1 Middle East and Africa NGS-based RNA-sequencing Market Size by Country
    - 11.1.1 Saudi Arabia Market Overview
    - 11.1.2 UAE Market Overview
    - 11.1.3 Egypt Market Overview
    - 11.1.4 Nigeria Market Overview
    - 11.1.5 South Africa Market Overview
  - 11.2 Middle East and Africa NGS-based RNA-sequencing Market Size by Type
  - 11.3 Middle East and Africa NGS-based RNA-sequencing Market Size by Application
- 12 NGS-based RNA-sequencing Market Production by Region
  - 12.1 Global Production of NGS-based RNA-sequencing by Region(2020-2025)
  - 12.2 Global NGS-based RNA-sequencing Revenue Market Share by Region (2020-2025)
  - 12.3 Global NGS-based RNA-sequencing Production, Revenue, Price and Gross Margin (2020-2025)
  - 12.4 North America NGS-based RNA-sequencing Production
    - 12.4.1 North America NGS-based RNA-sequencing Production Growth Rate (2020-2025)

12.4.2 North America NGS-based RNA-sequencing Production, Revenue, Price and Gross Margin (2020-2025)

12.5 Europe NGS-based RNA-sequencing Production

12.5.1 Europe NGS-based RNA-sequencing Production Growth Rate (2020-2025)

12.5.2 Europe NGS-based RNA-sequencing Production, Revenue, Price and Gross Margin (2020-2025)

12.6 Japan NGS-based RNA-sequencing Production (2020-2025)

12.6.1 Japan NGS-based RNA-sequencing Production Growth Rate (2020-2025)

12.6.2 Japan NGS-based RNA-sequencing Production, Revenue, Price and Gross Margin (2020-2025)

12.7 China NGS-based RNA-sequencing Production (2020-2025)

12.7.1 China NGS-based RNA-sequencing Production Growth Rate (2020-2025)

12.7.2 China NGS-based RNA-sequencing Production, Revenue, Price and Gross Margin (2020-2025)

13 NGS-based RNA-sequencing Market Segmentation by Type

13.1 Evaluation Matrix of Segment Market Development Potential (Type)

13.2 Global NGS-based RNA-sequencing Sales Market Share by Type (2020-2033)

13.3 Global NGS-based RNA-sequencing Market Size Market Share by Type (2020-2033)

13.4 Global NGS-based RNA-sequencing Price by Type (2020-2033)

14 NGS-based RNA-sequencing Market Segmentation by Application

14.1 Evaluation Matrix of Segment Market Development Potential (Application)

14.2 Global NGS-based RNA-sequencing Market Sales by Application (2020-2033)

14.3 Global NGS-based RNA-sequencing Market Size (M USD) by Application (2020-2033)

14.4 Global NGS-based RNA-sequencing Sales Growth Rate by Application (2020-2033)

15 Key Companies Profile

15.1 Illumina

15.1.1 Illumina Basic Information

15.1.2 Illumina NGS-based RNA-sequencing Product Overview

15.1.3 Illumina NGS-based RNA-sequencing Product Market Performance

15.1.4 Illumina Business Overview

15.1.5 Illumina SWOT Analysis

15.1.6 Illumina Recent Developments

15.2 Thermo Fischer Scientific

15.2.1 Thermo Fischer Scientific Basic Information

15.2.2 Thermo Fischer Scientific NGS-based RNA-sequencing Product Overview

15.2.3 Thermo Fischer Scientific NGS-based RNA-sequencing Product Market

## Performance

### 15.2.4 Thermo Fischer Scientific Business Overview

### 15.2.5 Thermo Fischer Scientific SWOT Analysis

### 15.2.6 Thermo Fischer Scientific Recent Developments

## 15.3 Oxford Nanopore

### 15.3.1 Oxford Nanopore Basic Information

### 15.3.2 Oxford Nanopore NGS-based RNA-sequencing Product Overview

### 15.3.3 Oxford Nanopore NGS-based RNA-sequencing Product Market Performance

### 15.3.4 Oxford Nanopore Business Overview

### 15.3.5 Oxford Nanopore SWOT Analysis

### 15.3.6 Oxford Nanopore Recent Developments

## 15.4 Agilent Technologies

### 15.4.1 Agilent Technologies Basic Information

### 15.4.2 Agilent Technologies NGS-based RNA-sequencing Product Overview

### 15.4.3 Agilent Technologies NGS-based RNA-sequencing Product Market Performance

### 15.4.4 Agilent Technologies Business Overview

### 15.4.5 Agilent Technologies Recent Developments

## 15.5 BGI

### 15.5.1 BGI Basic Information

### 15.5.2 BGI NGS-based RNA-sequencing Product Overview

### 15.5.3 BGI NGS-based RNA-sequencing Product Market Performance

### 15.5.4 BGI Business Overview

### 15.5.5 BGI Recent Developments

## 15.6 PerkinElmer

### 15.6.1 PerkinElmer Basic Information

### 15.6.2 PerkinElmer NGS-based RNA-sequencing Product Overview

### 15.6.3 PerkinElmer NGS-based RNA-sequencing Product Market Performance

### 15.6.4 PerkinElmer Business Overview

### 15.6.5 PerkinElmer Recent Developments

## 15.7 QIAGEN

### 15.7.1 QIAGEN Basic Information

### 15.7.2 QIAGEN NGS-based RNA-sequencing Product Overview

### 15.7.3 QIAGEN NGS-based RNA-sequencing Product Market Performance

### 15.7.4 QIAGEN Business Overview

### 15.7.5 QIAGEN Recent Developments

## 15.8 Eurofins Scientific

### 15.8.1 Eurofins Scientific Basic Information

### 15.8.2 Eurofins Scientific NGS-based RNA-sequencing Product Overview

### 15.8.3 Eurofins Scientific NGS-based RNA-sequencing Product Market Performance

- 15.8.4 Eurofins Scientific Business Overview
- 15.8.5 Eurofins Scientific Recent Developments
- 15.9 Roche
  - 15.9.1 Roche Basic Information
  - 15.9.2 Roche NGS-based RNA-sequencing Product Overview
  - 15.9.3 Roche NGS-based RNA-sequencing Product Market Performance
  - 15.9.4 Roche Business Overview
  - 15.9.5 Roche Recent Developments
- 15.10 Takara Bio
  - 15.10.1 Takara Bio Basic Information
  - 15.10.2 Takara Bio NGS-based RNA-sequencing Product Overview
  - 15.10.3 Takara Bio NGS-based RNA-sequencing Product Market Performance
  - 15.10.4 Takara Bio Business Overview
  - 15.10.5 Takara Bio Recent Developments
- 15.11 GENEWIZ
  - 15.11.1 GENEWIZ Basic Information
  - 15.11.2 GENEWIZ NGS-based RNA-sequencing Product Overview
  - 15.11.3 GENEWIZ NGS-based RNA-sequencing Product Market Performance
  - 15.11.4 GENEWIZ Business Overview
  - 15.11.5 GENEWIZ Recent Developments
- 15.12 Hamilton
  - 15.12.1 Hamilton Basic Information
  - 15.12.2 Hamilton NGS-based RNA-sequencing Product Overview
  - 15.12.3 Hamilton NGS-based RNA-sequencing Product Market Performance
  - 15.12.4 Hamilton Business Overview
  - 15.12.5 Hamilton Recent Developments
- 15.13 Macrogen
  - 15.13.1 Macrogen Basic Information
  - 15.13.2 Macrogen NGS-based RNA-sequencing Product Overview
  - 15.13.3 Macrogen NGS-based RNA-sequencing Product Market Performance
  - 15.13.4 Macrogen Business Overview
  - 15.13.5 Macrogen Recent Developments
- 15.14 Zymo Research
  - 15.14.1 Zymo Research Basic Information
  - 15.14.2 Zymo Research NGS-based RNA-sequencing Product Overview
  - 15.14.3 Zymo Research NGS-based RNA-sequencing Product Market Performance
  - 15.14.4 Zymo Research Business Overview
  - 15.14.5 Zymo Research Recent Developments
- 15.15 Tecan Genomics

|                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------|
| 15.15.1 Tecan Genomics Basic Information                                                                            |
| 15.15.2 Tecan Genomics NGS-based RNA-sequencing Product Overview                                                    |
| 15.15.3 Tecan Genomics NGS-based RNA-sequencing Product Market Performance                                          |
| 15.15.4 Tecan Genomics Business Overview                                                                            |
| 15.15.5 Tecan Genomics Recent Developments                                                                          |
| 16 Conclusion and Key Findings                                                                                      |
| List of Tables                                                                                                      |
| Table 1. Introduction of the Type                                                                                   |
| Table 2. Introduction of the Application                                                                            |
| Table 3. Global NGS-based RNA-sequencing Market Size by Type (M USD)                                                |
| Table 4. Global NGS-based RNA-sequencing Market Size by Application (M USD)                                         |
| Table 5. NGS-based RNA-sequencing Market Size Comparison by Region (M USD)                                          |
| Table 6. Global NGS-based RNA-sequencing Sales (K Units) by Manufacturers (2020-2025)                               |
| Table 7. Global NGS-based RNA-sequencing Sales Market Share by Manufacturers (2020-2025)                            |
| Table 8. Global NGS-based RNA-sequencing Revenue (M USD) by Manufacturers (2020-2025)                               |
| Table 9. Global NGS-based RNA-sequencing Revenue Share by Manufacturers (2020-2025)                                 |
| Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in NGS-based RNA-sequencing as of 2024) |
| Table 11. Global Market NGS-based RNA-sequencing Average Price (USD/Unit) of Key Manufacturers (2020-2025)          |
| Table 12. Manufacturers NGS-based RNA-sequencing Manufacturing Sites and Area Served                                |
| Table 13. Manufacturers NGS-based RNA-sequencing Product Type                                                       |
| Table 14. Global NGS-based RNA-sequencing Manufacturers Market Concentration Ratio (CR5 and HHI)                    |
| Table 15. Mergers & Acquisitions, Expansion Plans                                                                   |
| Table 16. Market Overview of Key Raw Materials                                                                      |
| Table 17. Midstream Market Analysis                                                                                 |
| Table 18. Downstream Customer Analysis                                                                              |
| Table 19. Key Development Trends                                                                                    |
| Table 20. Driving Factors                                                                                           |
| Table 21. NGS-based RNA-sequencing Market Challenges                                                                |
| Table 22. Goldman Sachs' forecast real GDP growth rate for 2024-2026                                                |
| Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027                                                  |
| Table 24. World Bank ' Forecast Real GDP Growth Rate For 2024-2026                                                  |
| Table 25. NGS-based RNA-sequencing Market Size Comparison by Region (M USD)                                         |

Table 26. Global NGS-based RNA-sequencing Market Size by Region (2020-2033) & (M USD)

Table 27. Global NGS-based RNA-sequencing Market Size Market Share by Region (2020-2033)

Table 28. Global NGS-based RNA-sequencing Sales by Region (2020-2033) & (K Units)

Table 29. Global NGS-based RNA-sequencing Sales Market Share by Region (2020-2033)

Table 30. North America NGS-based RNA-sequencing Market Size by Country (2020-2033) & (M USD)

Table 31. North America NGS-based RNA-sequencing Sales by Country (2020-2033) & (K Units)

Table 32. North America NGS-based RNA-sequencing Sales by Type (K Units)

Table 33. North America NGS-based RNA-sequencing Market Size by Type (M USD)

Table 34. North America NGS-based RNA-sequencing Sales (K Units) by Type (2020-2033)

Table 35. North America NGS-based RNA-sequencing Market Size (M USD) by Type (2020-2033)

Table 36. North America NGS-based RNA-sequencing Sales by Application (K Units)

Table 37. North America NGS-based RNA-sequencing Market Size by Application (M USD)

Table 38. North America NGS-based RNA-sequencing Sales (K Units) by Application (2020-2033)

Table 39. North America NGS-based RNA-sequencing Market Size (M USD) by Application (2020-2033)

Table 40. Europe NGS-based RNA-sequencing Market Size by Country (2020-2033) & (M USD)

Table 41. Europe NGS-based RNA-sequencing Sales by Country (2020-2033) & (K Units)

Table 42. Europe NGS-based RNA-sequencing Sales by Type (K Units)

Table 43. Europe NGS-based RNA-sequencing Market Size by Type (M USD)

Table 44. Europe NGS-based RNA-sequencing Sales (K Units) by Type (2020-2033)

Table 45. Europe NGS-based RNA-sequencing Market Size (M USD) by Type (2020-2033)

Table 46. Europe NGS-based RNA-sequencing Sales by Application (K Units)

Table 47. Europe NGS-based RNA-sequencing Market Size by Application (M USD)

Table 48. Europe NGS-based RNA-sequencing Sales (K Units) by Application (2020-2033)

Table 49. Europe NGS-based RNA-sequencing Market Size (M USD) by Application

(2020-2033)

Table 50. Asia-Pacific NGS-based RNA-sequencing Market Size by Country  
(2020-2025) & (M USD)

Table 51. Asia-Pacific NGS-based RNA-sequencing Sales by Country (2020-2025) & (K Units)

Table 52. Asia-Pacific NGS-based RNA-sequencing Sales by Type (K Units)

Table 53. Asia-Pacific NGS-based RNA-sequencing Market Size by Type (M USD)

Table 54. Asia-Pacific NGS-based RNA-sequencing Sales (K Units) by Type  
(2020-2033)

Table 55. Asia-Pacific NGS-based RNA-sequencing Market Size (M USD) by Type  
(2020-2025)

Table 56. Asia-Pacific NGS-based RNA-sequencing Sales by Application (K Units)

Table 57. Asia-Pacific NGS-based RNA-sequencing Market Size by Application (M USD)

Table 58. Asia-Pacific NGS-based RNA-sequencing Sales (K Units) by Application  
(2020-2033)

Table 59. Asia-Pacific NGS-based RNA-sequencing Market Size (M USD) by  
Application (2020-2025)

Table 60. South America NGS-based RNA-sequencing Market Size by Country  
(2020-2033) & (M USD)

Table 61. South America NGS-based RNA-sequencing Sales by Country (2020-2033) &  
(K Units)

Table 62. South America NGS-based RNA-sequencing Sales by Type (K Units)

Table 63. South America NGS-based RNA-sequencing Market Size by Type (M USD)

Table 64. South America NGS-based RNA-sequencing Sales (K Units) by Type  
(2020-2033)

Table 65. South America NGS-based RNA-sequencing Market Size (M USD) by Type  
(2020-2033)

Table 66. South America NGS-based RNA-sequencing Sales by Application (K Units)

Table 67. South America NGS-based RNA-sequencing Market Size by Application (M USD)

Table 68. South America NGS-based RNA-sequencing Sales (K Units) by Application  
(2020-2033)

Table 69. South America NGS-based RNA-sequencing Market Size (M USD) by  
Application (2020-2033)

Table 70. Middle East and Africa NGS-based RNA-sequencing Market Size by Country  
(2020-2033) & (M USD)

Table 71. Middle East and Africa NGS-based RNA-sequencing Sales by Country  
(2020-2033) & (K Units)

Table 72. Middle East and Africa NGS-based RNA-sequencing Sales by Type (K Units)

Table 73. Middle East and Africa NGS-based RNA-sequencing Market Size by Type (M USD)

Table 74. Middle East and Africa NGS-based RNA-sequencing Sales (K Units) by Type (2020-2033)

Table 75. Middle East and Africa NGS-based RNA-sequencing Market Size (M USD) by Type (2020-2033)

Table 76. Middle East and Africa NGS-based RNA-sequencing Sales by Application (K Units)

Table 77. Middle East and Africa NGS-based RNA-sequencing Market Size by Application (M USD)

Table 78. Middle East and Africa NGS-based RNA-sequencing Sales (K Units) by Application (2020-2033)

Table 79. Middle East and Africa NGS-based RNA-sequencing Market Size (M USD) by Application (2020-2033)

Table 80. Global NGS-based RNA-sequencing Production (K Units) by Region(2020-2025)

Table 81. Global NGS-based RNA-sequencing Revenue (US\$ Million) by Region (2020-2025)

Table 82. Global NGS-based RNA-sequencing Revenue Market Share by Region (2020-2025)

Table 83. Global NGS-based RNA-sequencing Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 84. North America NGS-based RNA-sequencing Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 85. Europe NGS-based RNA-sequencing Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 86. Japan NGS-based RNA-sequencing Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 87. China NGS-based RNA-sequencing Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 88. Global NGS-based RNA-sequencing Sales by Type (K Units)

Table 89. Global NGS-based RNA-sequencing Market Size by Type (M USD)

Table 90. Global NGS-based RNA-sequencing Sales (K Units) by Type (2020-2033)

Table 91. Global NGS-based RNA-sequencing Sales Market Share by Type (2020-2033)

Table 92. Global NGS-based RNA-sequencing Market Size (M USD) by Type (2020-2033)

Table 93. Global NGS-based RNA-sequencing Market Size Share by Type (2020-2033)

|                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Table 94. Global NGS-based RNA-sequencing Sales (K Units) by Application                                                                      |
| Table 95. Global NGS-based RNA-sequencing Market Size by Application(M USD)                                                                   |
| Table 96. Global NGS-based RNA-sequencing Sales by Application (2020-2033) & (K Units)                                                        |
| Table 97. Global NGS-based RNA-sequencing Sales Market Share by Application (2020-2033)                                                       |
| Table 98. Global NGS-based RNA-sequencing Market Size by Application (2020-2033) & (M USD)                                                    |
| Table 99. Global NGS-based RNA-sequencing Market Share by Application (2020-2033)                                                             |
| Table 100. Global NGS-based RNA-sequencing Sales Growth Rate by Application (2020-2033)                                                       |
| Table 101. Illumina Basic Information                                                                                                         |
| Table 102. Illumina NGS-based RNA-sequencing Product Overview                                                                                 |
| Table 103. Illumina NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)                  |
| Table 104. Illumina Business Overview                                                                                                         |
| Table 105. Illumina SWOT Analysis                                                                                                             |
| Table 106. Illumina Recent Developments                                                                                                       |
| Table 107. Thermo Fischer Scientific Basic Information                                                                                        |
| Table 108. Thermo Fischer Scientific NGS-based RNA-sequencing Product Overview                                                                |
| Table 109. Thermo Fischer Scientific NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025) |
| Table 110. Thermo Fischer Scientific Business Overview                                                                                        |
| Table 111. Thermo Fischer Scientific SWOT Analysis                                                                                            |
| Table 112. Thermo Fischer Scientific Recent Developments                                                                                      |
| Table 113. Oxford Nanopore Basic Information                                                                                                  |
| Table 114. Oxford Nanopore NGS-based RNA-sequencing Product Overview                                                                          |
| Table 115. Oxford Nanopore NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)           |
| Table 116. Oxford Nanopore Business Overview                                                                                                  |
| Table 117. Oxford Nanopore SWOT Analysis                                                                                                      |
| Table 118. Oxford Nanopore Recent Developments                                                                                                |
| Table 119. Agilent Technologies Basic Information                                                                                             |
| Table 120. Agilent Technologies NGS-based RNA-sequencing Product Overview                                                                     |
| Table 121. Agilent Technologies NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)      |
| Table 122. Agilent Technologies Business Overview                                                                                             |
| Table 123. Agilent Technologies Recent Developments                                                                                           |

Table 124. BGI Basic Information

Table 125. BGI NGS-based RNA-sequencing Product Overview

Table 126. BGI NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 127. BGI Business Overview

Table 128. BGI Recent Developments

Table 129. PerkinElmer Basic Information

Table 130. PerkinElmer NGS-based RNA-sequencing Product Overview

Table 131. PerkinElmer NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 132. PerkinElmer Business Overview

Table 133. PerkinElmer Recent Developments

Table 134. QIAGEN Basic Information

Table 135. QIAGEN NGS-based RNA-sequencing Product Overview

Table 136. QIAGEN NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 137. QIAGEN Business Overview

Table 138. QIAGEN Recent Developments

Table 139. Eurofins Scientific Basic Information

Table 140. Eurofins Scientific NGS-based RNA-sequencing Product Overview

Table 141. Eurofins Scientific NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 142. Eurofins Scientific Business Overview

Table 143. Eurofins Scientific Recent Developments

Table 144. Roche Basic Information

Table 145. Roche NGS-based RNA-sequencing Product Overview

Table 146. Roche NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 147. Roche Business Overview

Table 148. Roche Recent Developments

Table 149. Takara Bio Basic Information

Table 150. Takara Bio NGS-based RNA-sequencing Product Overview

Table 151. Takara Bio NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 152. Takara Bio Business Overview

Table 153. Takara Bio Recent Developments

Table 154. GENEWIZ Basic Information

Table 155. GENEWIZ NGS-based RNA-sequencing Product Overview

Table 156. GENEWIZ NGS-based RNA-sequencing Sales (K Units), Revenue (M USD),

Price (USD/Unit) and Gross Margin (2020-2025)

Table 157. GENEWIZ Business Overview

Table 158. GENEWIZ Recent Developments

Table 159. Hamilton Basic Information

Table 160. Hamilton NGS-based RNA-sequencing Product Overview

Table 161. Hamilton NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 162. Hamilton Business Overview

Table 163. Hamilton Recent Developments

Table 164. Macrogen Basic Information

Table 165. Macrogen NGS-based RNA-sequencing Product Overview

Table 166. Macrogen NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 167. Macrogen Business Overview

Table 168. Macrogen Recent Developments

Table 169. Zymo Research Basic Information

Table 170. Zymo Research NGS-based RNA-sequencing Product Overview

Table 171. Zymo Research NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 172. Zymo Research Business Overview

Table 173. Zymo Research Recent Developments

Table 174. Tecan Genomics Basic Information

Table 175. Tecan Genomics NGS-based RNA-sequencing Product Overview

Table 176. Tecan Genomics NGS-based RNA-sequencing Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 177. Tecan Genomics Business Overview

Table 178. Tecan Genomics Recent Developments

List of Figures

Figure 1. Product Picture of NGS-based RNA-sequencing

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global NGS-based RNA-sequencing Market Size (M USD), 2024-2033

Figure 5. Global NGS-based RNA-sequencing Market Size (M USD) (2020-2033)

Figure 6. Global NGS-based RNA-sequencing Sales (K Units) & (2020-2033)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. NGS-based RNA-sequencing Market Size by Country (M USD)

Figure 11. Company Assessment Quadrant

Figure 12. Global NGS-based RNA-sequencing Product Life Cycle

Figure 13. NGS-based RNA-sequencing Sales Share by Manufacturers in 2024

Figure 14. Global NGS-based RNA-sequencing Revenue Share by Manufacturers in 2024

Figure 15. NGS-based RNA-sequencing Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024

Figure 16. Global Market NGS-based RNA-sequencing Average Price (USD/Unit) of Key Manufacturers in 2024

Figure 17. The Global 5 and 10 Largest Players: Market Share by NGS-based RNA-sequencing Revenue in 2024

Figure 18. Industry Chain Map of NGS-based RNA-sequencing

Figure 19. Global NGS-based RNA-sequencing Market PEST Analysis

Figure 20. Global NGS-based RNA-sequencing Market Porter's Five Forces Analysis

Figure 21. Global Merchandise Trade as a Percentage Of GDP

Figure 22. US - Imports of Goods by Country

Figure 23. China Exports by Country

Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers

Figure 25. Evaluation Matrix of Regional Market Development Potential

Figure 26. Global NGS-based RNA-sequencing Market Size by Region

Figure 27. Global NGS-based RNA-sequencing Market Size Market Share by Region (2020-2033)

Figure 28. Global NGS-based RNA-sequencing Sales Market Share by Region (2020-2033)

Figure 29. North American Market Snapshot

Figure 30. North America NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 31. North America NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 32. North America NGS-based RNA-sequencing Market Size (M USD) by Country

Figure 33. USA NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 34. USA NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 35. Canada NGS-based RNA-sequencing Sales (K Units) and Growth Rate (2020-2033)

Figure 36. Canada NGS-based RNA-sequencing Market Size (M USD) and Growth Rate (2020-2033)

Figure 37. Mexico NGS-based RNA-sequencing Sales (Units) and Growth Rate

(2020-2033)

Figure 38. Mexico NGS-based RNA-sequencing Market Size (M USD) and Growth Rate (2020-2033)

Figure 39. North America NGS-based RNA-sequencing Market Size (M USD) by Type

Figure 40. North America NGS-based RNA-sequencing Market Size (M USD) by Application

Figure 41. Europe Market Snapshot

Figure 42. Europe NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 43. Europe NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 44. Europe NGS-based RNA-sequencing Market Size (M USD) by Country

Figure 45. Germany NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 46. Germany NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 47. France NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 48. France NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 49. U.K. NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 50. U.K. NGS-based RNA-sequencing Market Size and Growth Rate (2020-2025) & (M USD)

Figure 51. Italy NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 52. Italy NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 53. Spain NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 54. Spain NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 55. Europe NGS-based RNA-sequencing Market Size (M USD) by Type

Figure 56. Europe NGS-based RNA-sequencing Market Size (M USD) by Application

Figure 57. Asia-Pacific Market Snapshot

Figure 58. Asia-Pacific NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 59. Asia-Pacific NGS-based RNA-sequencing Market Size and Growth Rate (2020-2025) & (M USD)

Figure 60. Asia-Pacific NGS-based RNA-sequencing Market Size (M USD) by Country

Figure 61. China NGS-based RNA-sequencing Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. China NGS-based RNA-sequencing Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Japan NGS-based RNA-sequencing Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Japan NGS-based RNA-sequencing Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. South Korea NGS-based RNA-sequencing Sales and Growth Rate (2020-2025) & (K Units)

Figure 66. South Korea NGS-based RNA-sequencing Market Size and Growth Rate (2020-2025) & (M USD)

Figure 67. India NGS-based RNA-sequencing Sales and Growth Rate (2020-2025) & (K Units)

Figure 68. India NGS-based RNA-sequencing Market Size and Growth Rate (2020-2025) & (M USD)

Figure 69. Southeast Asia NGS-based RNA-sequencing Sales and Growth Rate (2020-2025) & (K Units)

Figure 70. Southeast Asia NGS-based RNA-sequencing Market Size and Growth Rate (2020-2025) & (M USD)

Figure 71. Asia-Pacific NGS-based RNA-sequencing Market Size (M USD) by Type

Figure 72. Asia-Pacific NGS-based RNA-sequencing Market Size (M USD) by Application

Figure 73. South America Market Snapshot

Figure 74. South America NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 75. South America NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 76. South America NGS-based RNA-sequencing Market Size (M USD) by Country

Figure 77. Brazil NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 78. Brazil NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 79. Argentina NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 80. Argentina NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 81. Columbia NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 82. Columbia NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 83. South America NGS-based RNA-sequencing Market Size (M USD) by Type

Figure 84. South America NGS-based RNA-sequencing Market Size (M USD) by Application

Figure 85. Middle East and Africa Market Snapshot

Figure 86. Middle East and Africa NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 87. Middle East and Africa NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 88. Middle East and Africa NGS-based RNA-sequencing Market Size (M USD) by Country

Figure 89. Saudi Arabia NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 90. Saudi Arabia NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 91. UAE NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 92. UAE NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 93. Egypt NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 94. Egypt NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 95. Nigeria NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 96. Nigeria NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 97. South Africa NGS-based RNA-sequencing Sales and Growth Rate (2020-2033) & (K Units)

Figure 98. South Africa NGS-based RNA-sequencing Market Size and Growth Rate (2020-2033) & (M USD)

Figure 99. Middle East and Africa NGS-based RNA-sequencing Market Size (M USD) by Type

Figure 100. Middle East and Africa NGS-based RNA-sequencing Market Size (M USD) by Application

Figure 101. Global NGS-based RNA-sequencing Production Market Share by Region

(2020-2025)

Figure 102. North America NGS-based RNA-sequencing Production (K Units) Growth Rate (2020-2025)

Figure 103. Europe NGS-based RNA-sequencing Production (K Units) Growth Rate (2020-2025)

Figure 104. Japan NGS-based RNA-sequencing Production (K Units) Growth Rate (2020-2025)

Figure 105. China NGS-based RNA-sequencing Production (K Units) Growth Rate (2020-2025)

Figure 106. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 107. Global NGS-based RNA-sequencing Market Size by Type (M USD)

Figure 108. Sales Market Share of NGS-based RNA-sequencing by Type (2020-2033)

Figure 109. Sales Market Share of NGS-based RNA-sequencing by Type in 2024

Figure 110. Market Size Share of NGS-based RNA-sequencing by Type (2020-2033)

Figure 111. Market Size Share of NGS-based RNA-sequencing by Type in 2024

Figure 112. Global NGS-based RNA-sequencing Price (USD/Unit) by Type (2020-2033)

Figure 113. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 114. Global NGS-based RNA-sequencing Market Size by Application(M USD)

Figure 115. Global NGS-based RNA-sequencing Market Share by Application

Figure 116. Global NGS-based RNA-sequencing Sales Market Share by Application (2020-2033)

Figure 117. Global NGS-based RNA-sequencing Sales Market Share by Application in 2024

Figure 118. Global NGS-based RNA-sequencing Market Share by Application (2020-2033)

Figure 119. Global NGS-based RNA-sequencing Market Share by Application in 2024

Figure 120. Global NGS-based RNA-sequencing Sales Growth Rate by Application (2020-2033)

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