

# Global Nucleic Acid Therapeutic Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Nucleic Acid Therapeutic market size is expected to reach \$ 84010 million by 2029, rising at a market growth of 3.6% CAGR during the forecast period (2023-2029).

The Nucleic Acid-Based Therapeutics Drug Market is driven by the promising potential of nucleic acid-based therapies in treating various genetic and acquired diseases, including genetic disorders, cancer, and infectious diseases. These innovative drugs utilize nucleic acids, such as DNA or RNA, to modify or regulate gene expression, correct genetic mutations, or target specific disease-associated genes. As the understanding of genomics and molecular biology advances, and personalized medicine gains traction, the demand for nucleic acid-based therapeutics continues to grow. Innovations in drug development, delivery systems, and gene editing technologies further contribute to market expansion. However, a significant challenge for this market is the need to address delivery and stability issues, ensure long-term safety and efficacy, and navigate regulatory complexities and patient acceptance. Overcoming technical and scientific hurdles, optimizing drug delivery methods, and addressing concerns about off-target effects are ongoing challenges. Additionally, the market faces competition from conventional therapies and the need for continuous research and development to unlock the full therapeutic potential of nucleic acid-based drugs. Striking a balance between providing safe, effective, and accessible nucleic acid-based therapeutics while addressing scientific and regulatory challenges is essential for the continued growth of the Nucleic Acid-Based Therapeutics Drug Market.

Nucleic acid drugs, also known as nucleic acid-based therapeutics, are a class of pharmaceuticals designed to treat various diseases by targeting specific genes or genetic processes within the human body. They are distinct from traditional small molecule drugs and instead rely on nucleic acids, which are the building blocks of

genetic information. Nucleic acid drugs encompass various types of pharmaceuticals that use nucleic acids, such as DNA or RNA, as their active components to target specific genes or genetic processes.

This report studies the global Nucleic Acid Therapeutic demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Nucleic Acid Therapeutic, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Nucleic Acid Therapeutic that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Nucleic Acid Therapeutic total market, 2018-2029, (USD Million)

Global Nucleic Acid Therapeutic total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Nucleic Acid Therapeutic total market, key domestic companies and share, (USD Million)

Global Nucleic Acid Therapeutic revenue by player and market share 2018-2023, (USD Million)

Global Nucleic Acid Therapeutic total market by Type, CAGR, 2018-2029, (USD Million)

Global Nucleic Acid Therapeutic total market by Application, CAGR, 2018-2029, (USD Million).

This reports profiles major players in the global Nucleic Acid Therapeutic market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sarepta Therapeutics, Ionis Pharmaceuticals, Alnylam, Biogen, Nippon Shinyaku, Sobi, Novartis, BioNTech and Pfizer, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Nucleic Acid Therapeutic market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Nucleic Acid Therapeutic Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Nucleic Acid Therapeutic Market, Segmentation by Type

Antisense Oligonucleotides (ASO)

siRNA

mRNA

## Global Nucleic Acid Therapeutic Market, Segmentation by Application

Neuromuscular Diseases

hATTR

COVID-19

Other

## Companies Profiled:

Sarepta Therapeutics

Ionis Pharmaceuticals

Anylam

Biogen

Nippon Shinyaku

Sobi

Novartis

BioNTech

Pfizer

Moderna Therapeutics

Jazz Pharmaceuticals

CureVac

Regulus Therapeutics

ProQR

Secarna

MiNA Therapeutics

Sylentis

Arrowhead

Silence Therapeutics

Dicerna

### Key Questions Answered

1. How big is the global Nucleic Acid Therapeutic market?
2. What is the demand of the global Nucleic Acid Therapeutic market?
3. What is the year over year growth of the global Nucleic Acid Therapeutic market?
4. What is the total value of the global Nucleic Acid Therapeutic market?
5. Who are the major players in the global Nucleic Acid Therapeutic market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Nucleic Acid Therapeutic Introduction
- 1.2 World Nucleic Acid Therapeutic Market Size & Forecast (2018 & 2022 & 2029)
- 1.3 World Nucleic Acid Therapeutic Total Market by Region (by Headquarter Location)
  - 1.3.1 World Nucleic Acid Therapeutic Market Size by Region (2018-2029), (by Headquarter Location)
  - 1.3.2 United States Nucleic Acid Therapeutic Market Size (2018-2029)
  - 1.3.3 China Nucleic Acid Therapeutic Market Size (2018-2029)
  - 1.3.4 Europe Nucleic Acid Therapeutic Market Size (2018-2029)
  - 1.3.5 Japan Nucleic Acid Therapeutic Market Size (2018-2029)
  - 1.3.6 South Korea Nucleic Acid Therapeutic Market Size (2018-2029)
  - 1.3.7 ASEAN Nucleic Acid Therapeutic Market Size (2018-2029)
  - 1.3.8 India Nucleic Acid Therapeutic Market Size (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Nucleic Acid Therapeutic Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Nucleic Acid Therapeutic Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Nucleic Acid Therapeutic Consumption Value (2018-2029)
- 2.2 World Nucleic Acid Therapeutic Consumption Value by Region
  - 2.2.1 World Nucleic Acid Therapeutic Consumption Value by Region (2018-2023)
  - 2.2.2 World Nucleic Acid Therapeutic Consumption Value Forecast by Region (2024-2029)
- 2.3 United States Nucleic Acid Therapeutic Consumption Value (2018-2029)
- 2.4 China Nucleic Acid Therapeutic Consumption Value (2018-2029)
- 2.5 Europe Nucleic Acid Therapeutic Consumption Value (2018-2029)
- 2.6 Japan Nucleic Acid Therapeutic Consumption Value (2018-2029)
- 2.7 South Korea Nucleic Acid Therapeutic Consumption Value (2018-2029)
- 2.8 ASEAN Nucleic Acid Therapeutic Consumption Value (2018-2029)
- 2.9 India Nucleic Acid Therapeutic Consumption Value (2018-2029)

### 3 WORLD NUCLEIC ACID THERAPEUTIC COMPANIES COMPETITIVE ANALYSIS

- 3.1 World Nucleic Acid Therapeutic Revenue by Player (2018-2023)

### 3.2 Industry Rank and Concentration Rate (CR)

#### 3.2.1 Global Nucleic Acid Therapeutic Industry Rank of Major Players

#### 3.2.2 Global Concentration Ratios (CR4) for Nucleic Acid Therapeutic in 2022

#### 3.2.3 Global Concentration Ratios (CR8) for Nucleic Acid Therapeutic in 2022

### 3.3 Nucleic Acid Therapeutic Company Evaluation Quadrant

### 3.4 Nucleic Acid Therapeutic Market: Overall Company Footprint Analysis

#### 3.4.1 Nucleic Acid Therapeutic Market: Region Footprint

#### 3.4.2 Nucleic Acid Therapeutic Market: Company Product Type Footprint

#### 3.4.3 Nucleic Acid Therapeutic Market: Company Product Application Footprint

### 3.5 Competitive Environment

#### 3.5.1 Historical Structure of the Industry

#### 3.5.2 Barriers of Market Entry

#### 3.5.3 Factors of Competition

### 3.6 Mergers, Acquisitions Activity

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD (BY HEADQUARTER LOCATION)**

### 4.1 United States VS China: Nucleic Acid Therapeutic Revenue Comparison (by Headquarter Location)

#### 4.1.1 United States VS China: Nucleic Acid Therapeutic Market Size Comparison (2018 & 2022 & 2029) (by Headquarter Location)

#### 4.1.2 United States VS China: Nucleic Acid Therapeutic Revenue Market Share Comparison (2018 & 2022 & 2029)

### 4.2 United States Based Companies VS China Based Companies: Nucleic Acid Therapeutic Consumption Value Comparison

#### 4.2.1 United States VS China: Nucleic Acid Therapeutic Consumption Value Comparison (2018 & 2022 & 2029)

#### 4.2.2 United States VS China: Nucleic Acid Therapeutic Consumption Value Market Share Comparison (2018 & 2022 & 2029)

### 4.3 United States Based Nucleic Acid Therapeutic Companies and Market Share, 2018-2023

#### 4.3.1 United States Based Nucleic Acid Therapeutic Companies, Headquarters (States, Country)

#### 4.3.2 United States Based Companies Nucleic Acid Therapeutic Revenue, (2018-2023)

### 4.4 China Based Companies Nucleic Acid Therapeutic Revenue and Market Share, 2018-2023

#### 4.4.1 China Based Nucleic Acid Therapeutic Companies, Company Headquarters

(Province, Country)

4.4.2 China Based Companies Nucleic Acid Therapeutic Revenue, (2018-2023)

4.5 Rest of World Based Nucleic Acid Therapeutic Companies and Market Share, 2018-2023

4.5.1 Rest of World Based Nucleic Acid Therapeutic Companies, Headquarters (States, Country)

4.5.2 Rest of World Based Companies Nucleic Acid Therapeutic Revenue, (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Nucleic Acid Therapeutic Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Antisense Oligonucleotides (ASO)

5.2.2 siRNA

5.2.3 mRNA

5.3 Market Segment by Type

5.3.1 World Nucleic Acid Therapeutic Market Size by Type (2018-2023)

5.3.2 World Nucleic Acid Therapeutic Market Size by Type (2024-2029)

5.3.3 World Nucleic Acid Therapeutic Market Size Market Share by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Nucleic Acid Therapeutic Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Neuromuscular Diseases

6.2.2 hATTR

6.2.3 COVID-19

6.2.4 Other

6.2.5 Other

6.3 Market Segment by Application

6.3.1 World Nucleic Acid Therapeutic Market Size by Application (2018-2023)

6.3.2 World Nucleic Acid Therapeutic Market Size by Application (2024-2029)

6.3.3 World Nucleic Acid Therapeutic Market Size by Application (2018-2029)

## **7 COMPANY PROFILES**



## 7.1 Sarepta Therapeutics

### 7.1.1 Sarepta Therapeutics Details

### 7.1.2 Sarepta Therapeutics Major Business

### 7.1.3 Sarepta Therapeutics Nucleic Acid Therapeutic Product and Services

### 7.1.4 Sarepta Therapeutics Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)

### 7.1.5 Sarepta Therapeutics Recent Developments/Updates

### 7.1.6 Sarepta Therapeutics Competitive Strengths & Weaknesses

## 7.2 Ionis Pharmaceuticals

### 7.2.1 Ionis Pharmaceuticals Details

### 7.2.2 Ionis Pharmaceuticals Major Business

### 7.2.3 Ionis Pharmaceuticals Nucleic Acid Therapeutic Product and Services

### 7.2.4 Ionis Pharmaceuticals Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)

### 7.2.5 Ionis Pharmaceuticals Recent Developments/Updates

### 7.2.6 Ionis Pharmaceuticals Competitive Strengths & Weaknesses

## 7.3 Alnylam

### 7.3.1 Alnylam Details

### 7.3.2 Alnylam Major Business

### 7.3.3 Alnylam Nucleic Acid Therapeutic Product and Services

### 7.3.4 Alnylam Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)

### 7.3.5 Alnylam Recent Developments/Updates

### 7.3.6 Alnylam Competitive Strengths & Weaknesses

## 7.4 Biogen

### 7.4.1 Biogen Details

### 7.4.2 Biogen Major Business

### 7.4.3 Biogen Nucleic Acid Therapeutic Product and Services

### 7.4.4 Biogen Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)

### 7.4.5 Biogen Recent Developments/Updates

### 7.4.6 Biogen Competitive Strengths & Weaknesses

## 7.5 Nippon Shinyaku

### 7.5.1 Nippon Shinyaku Details

### 7.5.2 Nippon Shinyaku Major Business

### 7.5.3 Nippon Shinyaku Nucleic Acid Therapeutic Product and Services

### 7.5.4 Nippon Shinyaku Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)

### 7.5.5 Nippon Shinyaku Recent Developments/Updates

- 7.5.6 Nippon Shinyaku Competitive Strengths & Weaknesses
- 7.6 Sobi
  - 7.6.1 Sobi Details
  - 7.6.2 Sobi Major Business
  - 7.6.3 Sobi Nucleic Acid Therapeutic Product and Services
  - 7.6.4 Sobi Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Sobi Recent Developments/Updates
  - 7.6.6 Sobi Competitive Strengths & Weaknesses
- 7.7 Novartis
  - 7.7.1 Novartis Details
  - 7.7.2 Novartis Major Business
  - 7.7.3 Novartis Nucleic Acid Therapeutic Product and Services
  - 7.7.4 Novartis Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Novartis Recent Developments/Updates
  - 7.7.6 Novartis Competitive Strengths & Weaknesses
- 7.8 BioNTech
  - 7.8.1 BioNTech Details
  - 7.8.2 BioNTech Major Business
  - 7.8.3 BioNTech Nucleic Acid Therapeutic Product and Services
  - 7.8.4 BioNTech Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)
  - 7.8.5 BioNTech Recent Developments/Updates
  - 7.8.6 BioNTech Competitive Strengths & Weaknesses
- 7.9 Pfizer
  - 7.9.1 Pfizer Details
  - 7.9.2 Pfizer Major Business
  - 7.9.3 Pfizer Nucleic Acid Therapeutic Product and Services
  - 7.9.4 Pfizer Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)
  - 7.9.5 Pfizer Recent Developments/Updates
  - 7.9.6 Pfizer Competitive Strengths & Weaknesses
- 7.10 Moderna Therapeutics
  - 7.10.1 Moderna Therapeutics Details
  - 7.10.2 Moderna Therapeutics Major Business
  - 7.10.3 Moderna Therapeutics Nucleic Acid Therapeutic Product and Services
  - 7.10.4 Moderna Therapeutics Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)

- 7.10.5 Moderna Therapeutics Recent Developments/Updates
- 7.10.6 Moderna Therapeutics Competitive Strengths & Weaknesses
- 7.11 Jazz Pharmaceuticals
  - 7.11.1 Jazz Pharmaceuticals Details
  - 7.11.2 Jazz Pharmaceuticals Major Business
  - 7.11.3 Jazz Pharmaceuticals Nucleic Acid Therapeutic Product and Services
  - 7.11.4 Jazz Pharmaceuticals Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)
  - 7.11.5 Jazz Pharmaceuticals Recent Developments/Updates
  - 7.11.6 Jazz Pharmaceuticals Competitive Strengths & Weaknesses
- 7.12 CureVac
  - 7.12.1 CureVac Details
  - 7.12.2 CureVac Major Business
  - 7.12.3 CureVac Nucleic Acid Therapeutic Product and Services
  - 7.12.4 CureVac Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)
  - 7.12.5 CureVac Recent Developments/Updates
  - 7.12.6 CureVac Competitive Strengths & Weaknesses
- 7.13 Regulus Therapeutics
  - 7.13.1 Regulus Therapeutics Details
  - 7.13.2 Regulus Therapeutics Major Business
  - 7.13.3 Regulus Therapeutics Nucleic Acid Therapeutic Product and Services
  - 7.13.4 Regulus Therapeutics Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)
  - 7.13.5 Regulus Therapeutics Recent Developments/Updates
  - 7.13.6 Regulus Therapeutics Competitive Strengths & Weaknesses
- 7.14 ProQR
  - 7.14.1 ProQR Details
  - 7.14.2 ProQR Major Business
  - 7.14.3 ProQR Nucleic Acid Therapeutic Product and Services
  - 7.14.4 ProQR Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)
  - 7.14.5 ProQR Recent Developments/Updates
  - 7.14.6 ProQR Competitive Strengths & Weaknesses
- 7.15 Secarna
  - 7.15.1 Secarna Details
  - 7.15.2 Secarna Major Business
  - 7.15.3 Secarna Nucleic Acid Therapeutic Product and Services
  - 7.15.4 Secarna Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share

(2018-2023)

7.15.5 Secarna Recent Developments/Updates

7.15.6 Secarna Competitive Strengths & Weaknesses

7.16 MiNA Therapeutics

7.16.1 MiNA Therapeutics Details

7.16.2 MiNA Therapeutics Major Business

7.16.3 MiNA Therapeutics Nucleic Acid Therapeutic Product and Services

7.16.4 MiNA Therapeutics Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)

7.16.5 MiNA Therapeutics Recent Developments/Updates

7.16.6 MiNA Therapeutics Competitive Strengths & Weaknesses

7.17 Sylentis

7.17.1 Sylentis Details

7.17.2 Sylentis Major Business

7.17.3 Sylentis Nucleic Acid Therapeutic Product and Services

7.17.4 Sylentis Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share

(2018-2023)

7.17.5 Sylentis Recent Developments/Updates

7.17.6 Sylentis Competitive Strengths & Weaknesses

7.18 Arrowhead

7.18.1 Arrowhead Details

7.18.2 Arrowhead Major Business

7.18.3 Arrowhead Nucleic Acid Therapeutic Product and Services

7.18.4 Arrowhead Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share

(2018-2023)

7.18.5 Arrowhead Recent Developments/Updates

7.18.6 Arrowhead Competitive Strengths & Weaknesses

7.19 Silence Therapeutics

7.19.1 Silence Therapeutics Details

7.19.2 Silence Therapeutics Major Business

7.19.3 Silence Therapeutics Nucleic Acid Therapeutic Product and Services

7.19.4 Silence Therapeutics Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)

7.19.5 Silence Therapeutics Recent Developments/Updates

7.19.6 Silence Therapeutics Competitive Strengths & Weaknesses

7.20 Dicerna

7.20.1 Dicerna Details

7.20.2 Dicerna Major Business

7.20.3 Dicerna Nucleic Acid Therapeutic Product and Services

7.20.4 Dicerna Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023)

7.20.5 Dicerna Recent Developments/Updates

7.20.6 Dicerna Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 Nucleic Acid Therapeutic Industry Chain

8.2 Nucleic Acid Therapeutic Upstream Analysis

8.3 Nucleic Acid Therapeutic Midstream Analysis

8.4 Nucleic Acid Therapeutic Downstream Analysis

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Nucleic Acid Therapeutic Revenue by Region (2018, 2022 and 2029) & (USD Million), (by Headquarter Location)

Table 2. World Nucleic Acid Therapeutic Revenue by Region (2018-2023) & (USD Million), (by Headquarter Location)

Table 3. World Nucleic Acid Therapeutic Revenue by Region (2024-2029) & (USD Million), (by Headquarter Location)

Table 4. World Nucleic Acid Therapeutic Revenue Market Share by Region (2018-2023), (by Headquarter Location)

Table 5. World Nucleic Acid Therapeutic Revenue Market Share by Region (2024-2029), (by Headquarter Location)

Table 6. Major Market Trends

Table 7. World Nucleic Acid Therapeutic Consumption Value Growth Rate Forecast by Region (2018 & 2022 & 2029) & (USD Million)

Table 8. World Nucleic Acid Therapeutic Consumption Value by Region (2018-2023) & (USD Million)

Table 9. World Nucleic Acid Therapeutic Consumption Value Forecast by Region (2024-2029) & (USD Million)

Table 10. World Nucleic Acid Therapeutic Revenue by Player (2018-2023) & (USD Million)

Table 11. Revenue Market Share of Key Nucleic Acid Therapeutic Players in 2022

Table 12. World Nucleic Acid Therapeutic Industry Rank of Major Player, Based on Revenue in 2022

Table 13. Global Nucleic Acid Therapeutic Company Evaluation Quadrant

Table 14. Head Office of Key Nucleic Acid Therapeutic Player

Table 15. Nucleic Acid Therapeutic Market: Company Product Type Footprint

Table 16. Nucleic Acid Therapeutic Market: Company Product Application Footprint

Table 17. Nucleic Acid Therapeutic Mergers & Acquisitions Activity

Table 18. United States VS China Nucleic Acid Therapeutic Market Size Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 19. United States VS China Nucleic Acid Therapeutic Consumption Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 20. United States Based Nucleic Acid Therapeutic Companies, Headquarters (States, Country)

Table 21. United States Based Companies Nucleic Acid Therapeutic Revenue, (2018-2023) & (USD Million)

Table 22. United States Based Companies Nucleic Acid Therapeutic Revenue Market Share (2018-2023)

Table 23. China Based Nucleic Acid Therapeutic Companies, Headquarters (Province, Country)

Table 24. China Based Companies Nucleic Acid Therapeutic Revenue, (2018-2023) & (USD Million)

Table 25. China Based Companies Nucleic Acid Therapeutic Revenue Market Share (2018-2023)

Table 26. Rest of World Based Nucleic Acid Therapeutic Companies, Headquarters (States, Country)

Table 27. Rest of World Based Companies Nucleic Acid Therapeutic Revenue, (2018-2023) & (USD Million)

Table 28. Rest of World Based Companies Nucleic Acid Therapeutic Revenue Market Share (2018-2023)

Table 29. World Nucleic Acid Therapeutic Market Size by Type, (USD Million), 2018 & 2022 & 2029

Table 30. World Nucleic Acid Therapeutic Market Size by Type (2018-2023) & (USD Million)

Table 31. World Nucleic Acid Therapeutic Market Size by Type (2024-2029) & (USD Million)

Table 32. World Nucleic Acid Therapeutic Market Size by Application, (USD Million), 2018 & 2022 & 2029

Table 33. World Nucleic Acid Therapeutic Market Size by Application (2018-2023) & (USD Million)

Table 34. World Nucleic Acid Therapeutic Market Size by Application (2024-2029) & (USD Million)

Table 35. Sarepta Therapeutics Basic Information, Area Served and Competitors

Table 36. Sarepta Therapeutics Major Business

Table 37. Sarepta Therapeutics Nucleic Acid Therapeutic Product and Services

Table 38. Sarepta Therapeutics Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 39. Sarepta Therapeutics Recent Developments/Updates

Table 40. Sarepta Therapeutics Competitive Strengths & Weaknesses

Table 41. Ionis Pharmaceuticals Basic Information, Area Served and Competitors

Table 42. Ionis Pharmaceuticals Major Business

Table 43. Ionis Pharmaceuticals Nucleic Acid Therapeutic Product and Services

Table 44. Ionis Pharmaceuticals Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 45. Ionis Pharmaceuticals Recent Developments/Updates



Table 46. Ionis Pharmaceuticals Competitive Strengths & Weaknesses

Table 47. Alnylam Basic Information, Area Served and Competitors

Table 48. Alnylam Major Business

Table 49. Alnylam Nucleic Acid Therapeutic Product and Services

Table 50. Alnylam Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 51. Alnylam Recent Developments/Updates

Table 52. Alnylam Competitive Strengths & Weaknesses

Table 53. Biogen Basic Information, Area Served and Competitors

Table 54. Biogen Major Business

Table 55. Biogen Nucleic Acid Therapeutic Product and Services

Table 56. Biogen Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 57. Biogen Recent Developments/Updates

Table 58. Biogen Competitive Strengths & Weaknesses

Table 59. Nippon Shinyaku Basic Information, Area Served and Competitors

Table 60. Nippon Shinyaku Major Business

Table 61. Nippon Shinyaku Nucleic Acid Therapeutic Product and Services

Table 62. Nippon Shinyaku Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 63. Nippon Shinyaku Recent Developments/Updates

Table 64. Nippon Shinyaku Competitive Strengths & Weaknesses

Table 65. Sobi Basic Information, Area Served and Competitors

Table 66. Sobi Major Business

Table 67. Sobi Nucleic Acid Therapeutic Product and Services

Table 68. Sobi Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 69. Sobi Recent Developments/Updates

Table 70. Sobi Competitive Strengths & Weaknesses

Table 71. Novartis Basic Information, Area Served and Competitors

Table 72. Novartis Major Business

Table 73. Novartis Nucleic Acid Therapeutic Product and Services

Table 74. Novartis Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 75. Novartis Recent Developments/Updates

Table 76. Novartis Competitive Strengths & Weaknesses

Table 77. BioNTech Basic Information, Area Served and Competitors

Table 78. BioNTech Major Business

Table 79. BioNTech Nucleic Acid Therapeutic Product and Services



Table 80. BioNTech Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 81. BioNTech Recent Developments/Updates

Table 82. BioNTech Competitive Strengths & Weaknesses

Table 83. Pfizer Basic Information, Area Served and Competitors

Table 84. Pfizer Major Business

Table 85. Pfizer Nucleic Acid Therapeutic Product and Services

Table 86. Pfizer Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 87. Pfizer Recent Developments/Updates

Table 88. Pfizer Competitive Strengths & Weaknesses

Table 89. Moderna Therapeutics Basic Information, Area Served and Competitors

Table 90. Moderna Therapeutics Major Business

Table 91. Moderna Therapeutics Nucleic Acid Therapeutic Product and Services

Table 92. Moderna Therapeutics Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 93. Moderna Therapeutics Recent Developments/Updates

Table 94. Moderna Therapeutics Competitive Strengths & Weaknesses

Table 95. Jazz Pharmaceuticals Basic Information, Area Served and Competitors

Table 96. Jazz Pharmaceuticals Major Business

Table 97. Jazz Pharmaceuticals Nucleic Acid Therapeutic Product and Services

Table 98. Jazz Pharmaceuticals Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 99. Jazz Pharmaceuticals Recent Developments/Updates

Table 100. Jazz Pharmaceuticals Competitive Strengths & Weaknesses

Table 101. CureVac Basic Information, Area Served and Competitors

Table 102. CureVac Major Business

Table 103. CureVac Nucleic Acid Therapeutic Product and Services

Table 104. CureVac Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 105. CureVac Recent Developments/Updates

Table 106. CureVac Competitive Strengths & Weaknesses

Table 107. Regulus Therapeutics Basic Information, Area Served and Competitors

Table 108. Regulus Therapeutics Major Business

Table 109. Regulus Therapeutics Nucleic Acid Therapeutic Product and Services

Table 110. Regulus Therapeutics Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 111. Regulus Therapeutics Recent Developments/Updates

Table 112. Regulus Therapeutics Competitive Strengths & Weaknesses

- Table 113. ProQR Basic Information, Area Served and Competitors
- Table 114. ProQR Major Business
- Table 115. ProQR Nucleic Acid Therapeutic Product and Services
- Table 116. ProQR Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 117. ProQR Recent Developments/Updates
- Table 118. ProQR Competitive Strengths & Weaknesses
- Table 119. Secarna Basic Information, Area Served and Competitors
- Table 120. Secarna Major Business
- Table 121. Secarna Nucleic Acid Therapeutic Product and Services
- Table 122. Secarna Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 123. Secarna Recent Developments/Updates
- Table 124. Secarna Competitive Strengths & Weaknesses
- Table 125. MiNA Therapeutics Basic Information, Area Served and Competitors
- Table 126. MiNA Therapeutics Major Business
- Table 127. MiNA Therapeutics Nucleic Acid Therapeutic Product and Services
- Table 128. MiNA Therapeutics Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 129. MiNA Therapeutics Recent Developments/Updates
- Table 130. MiNA Therapeutics Competitive Strengths & Weaknesses
- Table 131. Sylentis Basic Information, Area Served and Competitors
- Table 132. Sylentis Major Business
- Table 133. Sylentis Nucleic Acid Therapeutic Product and Services
- Table 134. Sylentis Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 135. Sylentis Recent Developments/Updates
- Table 136. Sylentis Competitive Strengths & Weaknesses
- Table 137. Arrowhead Basic Information, Area Served and Competitors
- Table 138. Arrowhead Major Business
- Table 139. Arrowhead Nucleic Acid Therapeutic Product and Services
- Table 140. Arrowhead Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 141. Arrowhead Recent Developments/Updates
- Table 142. Arrowhead Competitive Strengths & Weaknesses
- Table 143. Silence Therapeutics Basic Information, Area Served and Competitors
- Table 144. Silence Therapeutics Major Business
- Table 145. Silence Therapeutics Nucleic Acid Therapeutic Product and Services
- Table 146. Silence Therapeutics Nucleic Acid Therapeutic Revenue, Gross Margin and

Market Share (2018-2023) & (USD Million)

Table 147. Silence Therapeutics Recent Developments/Updates

Table 148. Dicerna Basic Information, Area Served and Competitors

Table 149. Dicerna Major Business

Table 150. Dicerna Nucleic Acid Therapeutic Product and Services

Table 151. Dicerna Nucleic Acid Therapeutic Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 152. Global Key Players of Nucleic Acid Therapeutic Upstream (Raw Materials)

Table 153. Nucleic Acid Therapeutic Typical Customers

## **LIST OF FIGURE**

Figure 1. Nucleic Acid Therapeutic Picture

Figure 2. World Nucleic Acid Therapeutic Total Market Size: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Nucleic Acid Therapeutic Total Market Size (2018-2029) & (USD Million)

Figure 4. World Nucleic Acid Therapeutic Revenue Market Share by Region (2018, 2022 and 2029) & (USD Million) , (by Headquarter Location)

Figure 5. World Nucleic Acid Therapeutic Revenue Market Share by Region (2018-2029), (by Headquarter Location)

Figure 6. United States Based Company Nucleic Acid Therapeutic Revenue (2018-2029) & (USD Million)

Figure 7. China Based Company Nucleic Acid Therapeutic Revenue (2018-2029) & (USD Million)

Figure 8. Europe Based Company Nucleic Acid Therapeutic Revenue (2018-2029) & (USD Million)

Figure 9. Japan Based Company Nucleic Acid Therapeutic Revenue (2018-2029) & (USD Million)

Figure 10. South Korea Based Company Nucleic Acid Therapeutic Revenue (2018-2029) & (USD Million)

Figure 11. ASEAN Based Company Nucleic Acid Therapeutic Revenue (2018-2029) & (USD Million)

Figure 12. India Based Company Nucleic Acid Therapeutic Revenue (2018-2029) & (USD Million)

Figure 13. Nucleic Acid Therapeutic Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Nucleic Acid Therapeutic Consumption Value (2018-2029) & (USD Million)

Figure 16. World Nucleic Acid Therapeutic Consumption Value Market Share by Region (2018-2029)

Figure 17. United States Nucleic Acid Therapeutic Consumption Value (2018-2029) & (USD Million)

Figure 18. China Nucleic Acid Therapeutic Consumption Value (2018-2029) & (USD Million)

Figure 19. Europe Nucleic Acid Therapeutic Consumption Value (2018-2029) & (USD Million)

Figure 20. Japan Nucleic Acid Therapeutic Consumption Value (2018-2029) & (USD Million)

Figure 21. South Korea Nucleic Acid Therapeutic Consumption Value (2018-2029) & (USD Million)

Figure 22. ASEAN Nucleic Acid Therapeutic Consumption Value (2018-2029) & (USD Million)

Figure 23. India Nucleic Acid Therapeutic Consumption Value (2018-2029) & (USD Million)

Figure 24. Producer Shipments of Nucleic Acid Therapeutic by Player Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Nucleic Acid Therapeutic Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Nucleic Acid Therapeutic Markets in 2022

Figure 27. United States VS China: Nucleic Acid Therapeutic Revenue Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Nucleic Acid Therapeutic Consumption Value Market Share Comparison (2018 & 2022 & 2029)

Figure 29. World Nucleic Acid Therapeutic Market Size by Type, (USD Million), 2018 & 2022 & 2029

Figure 30. World Nucleic Acid Therapeutic Market Size Market Share by Type in 2022

Figure 31. Antisense Oligonucleotides (ASO)

Figure 32. siRNA

Figure 33. mRNA

Figure 34. World Nucleic Acid Therapeutic Market Size Market Share by Type (2018-2029)

Figure 35. World Nucleic Acid Therapeutic Market Size by Application, (USD Million), 2018 & 2022 & 2029

Figure 36. World Nucleic Acid Therapeutic Market Size Market Share by Application in 2022

Figure 37. Neuromuscular Diseases

Figure 38. hATTR

Figure 39. COVID-19

Figure 40. Other

Figure 41. Nucleic Acid Therapeutic Industrial Chain

Figure 42. Methodology

Figure 43. Research Process and Data Source

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