

Global Single-molecule Technology Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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Abstracts

A Single-molecule Sequencer refers to a type of DNA sequencing technology that enables the reading of individual DNA molecules without the need for amplification. Traditional DNA sequencing methods often involve amplifying DNA fragments through polymerase chain reaction (PCR) before sequencing, which can introduce errors and biases.

According to our (Global Info Research) latest study, the global Single-molecule Technology market size was valued at US\$ million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of %during review period.

This report is a detailed and comprehensive analysis for global Single-molecule Technology market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global Single-molecule Technology market size and forecasts, in consumption value (\$ Million), 2019-2030

Global Single-molecule Technology market size and forecasts by region and country, in consumption value (\$ Million), 2019-2030

Global Single-molecule Technology market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2019-2030

Global Single-molecule Technology market shares of main players, in revenue (\$ Million), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Single-molecule Technology

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Single-molecule Technology 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 PacBio, Genia Technologies (Roche), Quantapore, Oxford Nanopore Technologies, Direct Genomics, Shanghai Jinguan Technology, Geneseque, INanoBio Inc., Electronic Biosciences, Armonica Technologies, etc.

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

Market segmentation

Single-molecule Technology market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

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Market segment by Type

Solid State Nanopore Sequencing

Biological Nanopore Sequencing

Others

Market segment by Application

Genomics

Genetics

Clinical Diagnostics & Medical Research

Environmental Microbiology Research

Other

Market segment by players, this report covers

PacBio

Genia Technologies (Roche)

Quantapore

Oxford Nanopore Technologies

Direct Genomics

Shanghai Jinguan Technology

Geneseque

INanoBio Inc.

Electronic Biosciences

Armonica Technologies

SeqLL

Quantum Biosystems

Depixus

GenapSys

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Single-molecule Technology product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Single-molecule Technology, with revenue, gross margin, and global market share of Single-molecule Technology from 2019 to 2024.

Chapter 3, the Single-molecule Technology competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Single-molecule Technology market forecast, by regions, by Type and by Application, with consumption value, from 2024 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Single-molecule Technology.

Chapter 13, to describe Single-molecule Technology research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Classification of Single-molecule Technology by Type

1.3.1 Overview: Global Single-molecule Technology Market Size by Type: 2019 Versus 2023 Versus 2030

1.3.2 Global Single-molecule Technology Consumption Value Market Share by Type in 2023

1.3.3 Solid State Nanopore Sequencing

1.3.4 Biological Nanopore Sequencing

1.3.5 Others

1.4 Global Single-molecule Technology Market by Application

1.4.1 Overview: Global Single-molecule Technology Market Size by Application: 2019 Versus 2023 Versus 2030

1.4.2 Genomics

1.4.3 Genetics

1.4.4 Clinical Diagnostics & Medical Research

1.4.5 Environmental Microbiology Research

1.4.6 Other

1.5 Global Single-molecule Technology Market Size & Forecast

1.6 Global Single-molecule Technology Market Size and Forecast by Region

1.6.1 Global Single-molecule Technology Market Size by Region: 2019 VS 2023 VS 2030

1.6.2 Global Single-molecule Technology Market Size by Region, (2019-2030)

1.6.3 North America Single-molecule Technology Market Size and Prospect (2019-2030)

1.6.4 Europe Single-molecule Technology Market Size and Prospect (2019-2030)

1.6.5 Asia-Pacific Single-molecule Technology Market Size and Prospect (2019-2030)

1.6.6 South America Single-molecule Technology Market Size and Prospect (2019-2030)

1.6.7 Middle East & Africa Single-molecule Technology Market Size and Prospect (2019-2030)

2 COMPANY PROFILES

2.1 PacBio

- 2.1.1 PacBio Details
- 2.1.2 PacBio Major Business
- 2.1.3 PacBio Single-molecule Technology Product and Solutions
- 2.1.4 PacBio Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)
- 2.1.5 PacBio Recent Developments and Future Plans
- 2.2 Genia Technologies (Roche)
 - 2.2.1 Genia Technologies (Roche) Details
 - 2.2.2 Genia Technologies (Roche) Major Business
 - 2.2.3 Genia Technologies (Roche) Single-molecule Technology Product and Solutions
 - 2.2.4 Genia Technologies (Roche) Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)
 - 2.2.5 Genia Technologies (Roche) Recent Developments and Future Plans
- 2.3 Quantapore
 - 2.3.1 Quantapore Details
 - 2.3.2 Quantapore Major Business
 - 2.3.3 Quantapore Single-molecule Technology Product and Solutions
 - 2.3.4 Quantapore Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 Quantapore Recent Developments and Future Plans
- 2.4 Oxford Nanopore Technologies
 - 2.4.1 Oxford Nanopore Technologies Details
 - 2.4.2 Oxford Nanopore Technologies Major Business
 - 2.4.3 Oxford Nanopore Technologies Single-molecule Technology Product and Solutions
 - 2.4.4 Oxford Nanopore Technologies Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Oxford Nanopore Technologies Recent Developments and Future Plans
- 2.5 Direct Genomics
 - 2.5.1 Direct Genomics Details
 - 2.5.2 Direct Genomics Major Business
 - 2.5.3 Direct Genomics Single-molecule Technology Product and Solutions
 - 2.5.4 Direct Genomics Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 Direct Genomics Recent Developments and Future Plans
- 2.6 Shanghai Jinguan Technology
 - 2.6.1 Shanghai Jinguan Technology Details
 - 2.6.2 Shanghai Jinguan Technology Major Business
 - 2.6.3 Shanghai Jinguan Technology Single-molecule Technology Product and

Solutions

2.6.4 Shanghai Jinguan Technology Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 Shanghai Jinguan Technology Recent Developments and Future Plans

2.7 Geneseque

2.7.1 Geneseque Details

2.7.2 Geneseque Major Business

2.7.3 Geneseque Single-molecule Technology Product and Solutions

2.7.4 Geneseque Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Geneseque Recent Developments and Future Plans

2.8 INanoBio Inc.

2.8.1 INanoBio Inc. Details

2.8.2 INanoBio Inc. Major Business

2.8.3 INanoBio Inc. Single-molecule Technology Product and Solutions

2.8.4 INanoBio Inc. Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 INanoBio Inc. Recent Developments and Future Plans

2.9 Electronic Biosciences

2.9.1 Electronic Biosciences Details

2.9.2 Electronic Biosciences Major Business

2.9.3 Electronic Biosciences Single-molecule Technology Product and Solutions

2.9.4 Electronic Biosciences Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Electronic Biosciences Recent Developments and Future Plans

2.10 Armonica Technologies

2.10.1 Armonica Technologies Details

2.10.2 Armonica Technologies Major Business

2.10.3 Armonica Technologies Single-molecule Technology Product and Solutions

2.10.4 Armonica Technologies Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 Armonica Technologies Recent Developments and Future Plans

2.11 SeqLL

2.11.1 SeqLL Details

2.11.2 SeqLL Major Business

2.11.3 SeqLL Single-molecule Technology Product and Solutions

2.11.4 SeqLL Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 SeqLL Recent Developments and Future Plans

2.12 Quantum Biosystems

2.12.1 Quantum Biosystems Details

2.12.2 Quantum Biosystems Major Business

2.12.3 Quantum Biosystems Single-molecule Technology Product and Solutions

2.12.4 Quantum Biosystems Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)

2.12.5 Quantum Biosystems Recent Developments and Future Plans

2.13 Depixus

2.13.1 Depixus Details

2.13.2 Depixus Major Business

2.13.3 Depixus Single-molecule Technology Product and Solutions

2.13.4 Depixus Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)

2.13.5 Depixus Recent Developments and Future Plans

2.14 GenapSys

2.14.1 GenapSys Details

2.14.2 GenapSys Major Business

2.14.3 GenapSys Single-molecule Technology Product and Solutions

2.14.4 GenapSys Single-molecule Technology Revenue, Gross Margin and Market Share (2019-2024)

2.14.5 GenapSys Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

3.1 Global Single-molecule Technology Revenue and Share by Players (2019-2024)

3.2 Market Share Analysis (2023)

3.2.1 Market Share of Single-molecule Technology by Company Revenue

3.2.2 Top 3 Single-molecule Technology Players Market Share in 2023

3.2.3 Top 6 Single-molecule Technology Players Market Share in 2023

3.3 Single-molecule Technology Market: Overall Company Footprint Analysis

3.3.1 Single-molecule Technology Market: Region Footprint

3.3.2 Single-molecule Technology Market: Company Product Type Footprint

3.3.3 Single-molecule Technology Market: Company Product Application Footprint

3.4 New Market Entrants and Barriers to Market Entry

3.5 Mergers, Acquisition, Agreements, and Collaborations

4 MARKET SIZE SEGMENT BY TYPE

4.1 Global Single-molecule Technology Consumption Value and Market Share by Type

(2019-2024)

4.2 Global Single-molecule Technology Market Forecast by Type (2025-2030)

5 MARKET SIZE SEGMENT BY APPLICATION

5.1 Global Single-molecule Technology Consumption Value Market Share by Application (2019-2024)

5.2 Global Single-molecule Technology Market Forecast by Application (2025-2030)

6 NORTH AMERICA

6.1 North America Single-molecule Technology Consumption Value by Type (2019-2030)

6.2 North America Single-molecule Technology Market Size by Application (2019-2030)

6.3 North America Single-molecule Technology Market Size by Country

6.3.1 North America Single-molecule Technology Consumption Value by Country (2019-2030)

6.3.2 United States Single-molecule Technology Market Size and Forecast (2019-2030)

6.3.3 Canada Single-molecule Technology Market Size and Forecast (2019-2030)

6.3.4 Mexico Single-molecule Technology Market Size and Forecast (2019-2030)

7 EUROPE

7.1 Europe Single-molecule Technology Consumption Value by Type (2019-2030)

7.2 Europe Single-molecule Technology Consumption Value by Application (2019-2030)

7.3 Europe Single-molecule Technology Market Size by Country

7.3.1 Europe Single-molecule Technology Consumption Value by Country (2019-2030)

7.3.2 Germany Single-molecule Technology Market Size and Forecast (2019-2030)

7.3.3 France Single-molecule Technology Market Size and Forecast (2019-2030)

7.3.4 United Kingdom Single-molecule Technology Market Size and Forecast (2019-2030)

7.3.5 Russia Single-molecule Technology Market Size and Forecast (2019-2030)

7.3.6 Italy Single-molecule Technology Market Size and Forecast (2019-2030)

8 ASIA-PACIFIC

8.1 Asia-Pacific Single-molecule Technology Consumption Value by Type (2019-2030)

8.2 Asia-Pacific Single-molecule Technology Consumption Value by Application

(2019-2030)

8.3 Asia-Pacific Single-molecule Technology Market Size by Region

8.3.1 Asia-Pacific Single-molecule Technology Consumption Value by Region

(2019-2030)

8.3.2 China Single-molecule Technology Market Size and Forecast (2019-2030)

8.3.3 Japan Single-molecule Technology Market Size and Forecast (2019-2030)

8.3.4 South Korea Single-molecule Technology Market Size and Forecast (2019-2030)

8.3.5 India Single-molecule Technology Market Size and Forecast (2019-2030)

8.3.6 Southeast Asia Single-molecule Technology Market Size and Forecast

(2019-2030)

8.3.7 Australia Single-molecule Technology Market Size and Forecast (2019-2030)

9 SOUTH AMERICA

9.1 South America Single-molecule Technology Consumption Value by Type

(2019-2030)

9.2 South America Single-molecule Technology Consumption Value by Application

(2019-2030)

9.3 South America Single-molecule Technology Market Size by Country

9.3.1 South America Single-molecule Technology Consumption Value by Country

(2019-2030)

9.3.2 Brazil Single-molecule Technology Market Size and Forecast (2019-2030)

9.3.3 Argentina Single-molecule Technology Market Size and Forecast (2019-2030)

10 MIDDLE EAST & AFRICA

10.1 Middle East & Africa Single-molecule Technology Consumption Value by Type

(2019-2030)

10.2 Middle East & Africa Single-molecule Technology Consumption Value by Application (2019-2030)

10.3 Middle East & Africa Single-molecule Technology Market Size by Country

10.3.1 Middle East & Africa Single-molecule Technology Consumption Value by Country (2019-2030)

10.3.2 Turkey Single-molecule Technology Market Size and Forecast (2019-2030)

10.3.3 Saudi Arabia Single-molecule Technology Market Size and Forecast (2019-2030)

10.3.4 UAE Single-molecule Technology Market Size and Forecast (2019-2030)

11 MARKET DYNAMICS

- 11.1 Single-molecule Technology Market Drivers
- 11.2 Single-molecule Technology Market Restraints
- 11.3 Single-molecule Technology Trends Analysis
- 11.4 Porters Five Forces Analysis
 - 11.4.1 Threat of New Entrants
 - 11.4.2 Bargaining Power of Suppliers
 - 11.4.3 Bargaining Power of Buyers
 - 11.4.4 Threat of Substitutes
 - 11.4.5 Competitive Rivalry

12 INDUSTRY CHAIN ANALYSIS

- 12.1 Single-molecule Technology Industry Chain
- 12.2 Single-molecule Technology Upstream Analysis
- 12.3 Single-molecule Technology Midstream Analysis
- 12.4 Single-molecule Technology Downstream Analysis

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

- 14.1 Methodology
- 14.2 Research Process and Data Source
- 14.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global Single-molecule Technology Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Table 2. Global Single-molecule Technology Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Table 3. Global Single-molecule Technology Consumption Value by Region (2019-2024) & (USD Million)
- Table 4. Global Single-molecule Technology Consumption Value by Region (2025-2030) & (USD Million)
- Table 5. PacBio Company Information, Head Office, and Major Competitors
- Table 6. PacBio Major Business
- Table 7. PacBio Single-molecule Technology Product and Solutions
- Table 8. PacBio Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 9. PacBio Recent Developments and Future Plans
- Table 10. Genia Technologies (Roche) Company Information, Head Office, and Major Competitors
- Table 11. Genia Technologies (Roche) Major Business
- Table 12. Genia Technologies (Roche) Single-molecule Technology Product and Solutions
- Table 13. Genia Technologies (Roche) Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 14. Genia Technologies (Roche) Recent Developments and Future Plans
- Table 15. Quantapore Company Information, Head Office, and Major Competitors
- Table 16. Quantapore Major Business
- Table 17. Quantapore Single-molecule Technology Product and Solutions
- Table 18. Quantapore Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 19. Oxford Nanopore Technologies Company Information, Head Office, and Major Competitors
- Table 20. Oxford Nanopore Technologies Major Business
- Table 21. Oxford Nanopore Technologies Single-molecule Technology Product and Solutions
- Table 22. Oxford Nanopore Technologies Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 23. Oxford Nanopore Technologies Recent Developments and Future Plans

- Table 24. Direct Genomics Company Information, Head Office, and Major Competitors
- Table 25. Direct Genomics Major Business
- Table 26. Direct Genomics Single-molecule Technology Product and Solutions
- Table 27. Direct Genomics Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 28. Direct Genomics Recent Developments and Future Plans
- Table 29. Shanghai Jinguan Technology Company Information, Head Office, and Major Competitors
- Table 30. Shanghai Jinguan Technology Major Business
- Table 31. Shanghai Jinguan Technology Single-molecule Technology Product and Solutions
- Table 32. Shanghai Jinguan Technology Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 33. Shanghai Jinguan Technology Recent Developments and Future Plans
- Table 34. Geneseque Company Information, Head Office, and Major Competitors
- Table 35. Geneseque Major Business
- Table 36. Geneseque Single-molecule Technology Product and Solutions
- Table 37. Geneseque Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 38. Geneseque Recent Developments and Future Plans
- Table 39. INanoBio Inc. Company Information, Head Office, and Major Competitors
- Table 40. INanoBio Inc. Major Business
- Table 41. INanoBio Inc. Single-molecule Technology Product and Solutions
- Table 42. INanoBio Inc. Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 43. INanoBio Inc. Recent Developments and Future Plans
- Table 44. Electronic Biosciences Company Information, Head Office, and Major Competitors
- Table 45. Electronic Biosciences Major Business
- Table 46. Electronic Biosciences Single-molecule Technology Product and Solutions
- Table 47. Electronic Biosciences Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 48. Electronic Biosciences Recent Developments and Future Plans
- Table 49. Armonica Technologies Company Information, Head Office, and Major Competitors
- Table 50. Armonica Technologies Major Business
- Table 51. Armonica Technologies Single-molecule Technology Product and Solutions
- Table 52. Armonica Technologies Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)

- Table 53. Armonica Technologies Recent Developments and Future Plans
- Table 54. SeqLL Company Information, Head Office, and Major Competitors
- Table 55. SeqLL Major Business
- Table 56. SeqLL Single-molecule Technology Product and Solutions
- Table 57. SeqLL Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 58. SeqLL Recent Developments and Future Plans
- Table 59. Quantum Biosystems Company Information, Head Office, and Major Competitors
- Table 60. Quantum Biosystems Major Business
- Table 61. Quantum Biosystems Single-molecule Technology Product and Solutions
- Table 62. Quantum Biosystems Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 63. Quantum Biosystems Recent Developments and Future Plans
- Table 64. Depixus Company Information, Head Office, and Major Competitors
- Table 65. Depixus Major Business
- Table 66. Depixus Single-molecule Technology Product and Solutions
- Table 67. Depixus Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 68. Depixus Recent Developments and Future Plans
- Table 69. GenapSys Company Information, Head Office, and Major Competitors
- Table 70. GenapSys Major Business
- Table 71. GenapSys Single-molecule Technology Product and Solutions
- Table 72. GenapSys Single-molecule Technology Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 73. GenapSys Recent Developments and Future Plans
- Table 74. Global Single-molecule Technology Revenue (USD Million) by Players (2019-2024)
- Table 75. Global Single-molecule Technology Revenue Share by Players (2019-2024)
- Table 76. Breakdown of Single-molecule Technology by Company Type (Tier 1, Tier 2, and Tier 3)
- Table 77. Market Position of Players in Single-molecule Technology, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2023
- Table 78. Head Office of Key Single-molecule Technology Players
- Table 79. Single-molecule Technology Market: Company Product Type Footprint
- Table 80. Single-molecule Technology Market: Company Product Application Footprint
- Table 81. Single-molecule Technology New Market Entrants and Barriers to Market Entry
- Table 82. Single-molecule Technology Mergers, Acquisition, Agreements, and

Collaborations

Table 83. Global Single-molecule Technology Consumption Value (USD Million) by Type (2019-2024)

Table 84. Global Single-molecule Technology Consumption Value Share by Type (2019-2024)

Table 85. Global Single-molecule Technology Consumption Value Forecast by Type (2025-2030)

Table 86. Global Single-molecule Technology Consumption Value by Application (2019-2024)

Table 87. Global Single-molecule Technology Consumption Value Forecast by Application (2025-2030)

Table 88. North America Single-molecule Technology Consumption Value by Type (2019-2024) & (USD Million)

Table 89. North America Single-molecule Technology Consumption Value by Type (2025-2030) & (USD Million)

Table 90. North America Single-molecule Technology Consumption Value by Application (2019-2024) & (USD Million)

Table 91. North America Single-molecule Technology Consumption Value by Application (2025-2030) & (USD Million)

Table 92. North America Single-molecule Technology Consumption Value by Country (2019-2024) & (USD Million)

Table 93. North America Single-molecule Technology Consumption Value by Country (2025-2030) & (USD Million)

Table 94. Europe Single-molecule Technology Consumption Value by Type (2019-2024) & (USD Million)

Table 95. Europe Single-molecule Technology Consumption Value by Type (2025-2030) & (USD Million)

Table 96. Europe Single-molecule Technology Consumption Value by Application (2019-2024) & (USD Million)

Table 97. Europe Single-molecule Technology Consumption Value by Application (2025-2030) & (USD Million)

Table 98. Europe Single-molecule Technology Consumption Value by Country (2019-2024) & (USD Million)

Table 99. Europe Single-molecule Technology Consumption Value by Country (2025-2030) & (USD Million)

Table 100. Asia-Pacific Single-molecule Technology Consumption Value by Type (2019-2024) & (USD Million)

Table 101. Asia-Pacific Single-molecule Technology Consumption Value by Type (2025-2030) & (USD Million)

Table 102. Asia-Pacific Single-molecule Technology Consumption Value by Application (2019-2024) & (USD Million)

Table 103. Asia-Pacific Single-molecule Technology Consumption Value by Application (2025-2030) & (USD Million)

Table 104. Asia-Pacific Single-molecule Technology Consumption Value by Region (2019-2024) & (USD Million)

Table 105. Asia-Pacific Single-molecule Technology Consumption Value by Region (2025-2030) & (USD Million)

Table 106. South America Single-molecule Technology Consumption Value by Type (2019-2024) & (USD Million)

Table 107. South America Single-molecule Technology Consumption Value by Type (2025-2030) & (USD Million)

Table 108. South America Single-molecule Technology Consumption Value by Application (2019-2024) & (USD Million)

Table 109. South America Single-molecule Technology Consumption Value by Application (2025-2030) & (USD Million)

Table 110. South America Single-molecule Technology Consumption Value by Country (2019-2024) & (USD Million)

Table 111. South America Single-molecule Technology Consumption Value by Country (2025-2030) & (USD Million)

Table 112. Middle East & Africa Single-molecule Technology Consumption Value by Type (2019-2024) & (USD Million)

Table 113. Middle East & Africa Single-molecule Technology Consumption Value by Type (2025-2030) & (USD Million)

Table 114. Middle East & Africa Single-molecule Technology Consumption Value by Application (2019-2024) & (USD Million)

Table 115. Middle East & Africa Single-molecule Technology Consumption Value by Application (2025-2030) & (USD Million)

Table 116. Middle East & Africa Single-molecule Technology Consumption Value by Country (2019-2024) & (USD Million)

Table 117. Middle East & Africa Single-molecule Technology Consumption Value by Country (2025-2030) & (USD Million)

Table 118. Global Key Players of Single-molecule Technology Upstream (Raw Materials)

Table 119. Global Single-molecule Technology Typical Customers

List of Figures

Figure 1. Single-molecule Technology Picture

Figure 2. Global Single-molecule Technology Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Single-molecule Technology Consumption Value Market Share by Type in 2023

Figure 4. Solid State Nanopore Sequencing

Figure 5. Biological Nanopore Sequencing

Figure 6. Others

Figure 7. Global Single-molecule Technology Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 8. Single-molecule Technology Consumption Value Market Share by Application in 2023

Figure 9. Genomics Picture

Figure 10. Genetics Picture

Figure 11. Clinical Diagnostics & Medical Research Picture

Figure 12. Environmental Microbiology Research Picture

Figure 13. Other Picture

Figure 14. Global Single-molecule Technology Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 15. Global Single-molecule Technology Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 16. Global Market Single-molecule Technology Consumption Value (USD Million) Comparison by Region (2019 VS 2023 VS 2030)

Figure 17. Global Single-molecule Technology Consumption Value Market Share by Region (2019-2030)

Figure 18. Global Single-molecule Technology Consumption Value Market Share by Region in 2023

Figure 19. North America Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 20. Europe Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 21. Asia-Pacific Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 22. South America Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 23. Middle East & Africa Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 24. Company Three Recent Developments and Future Plans

Figure 25. Global Single-molecule Technology Revenue Share by Players in 2023

Figure 26. Single-molecule Technology Market Share by Company Type (Tier 1, Tier 2, and Tier 3) in 2023

Figure 27. Market Share of Single-molecule Technology by Player Revenue in 2023

- Figure 28. Top 3 Single-molecule Technology Players Market Share in 2023
- Figure 29. Top 6 Single-molecule Technology Players Market Share in 2023
- Figure 30. Global Single-molecule Technology Consumption Value Share by Type (2019-2024)
- Figure 31. Global Single-molecule Technology Market Share Forecast by Type (2025-2030)
- Figure 32. Global Single-molecule Technology Consumption Value Share by Application (2019-2024)
- Figure 33. Global Single-molecule Technology Market Share Forecast by Application (2025-2030)
- Figure 34. North America Single-molecule Technology Consumption Value Market Share by Type (2019-2030)
- Figure 35. North America Single-molecule Technology Consumption Value Market Share by Application (2019-2030)
- Figure 36. North America Single-molecule Technology Consumption Value Market Share by Country (2019-2030)
- Figure 37. United States Single-molecule Technology Consumption Value (2019-2030) & (USD Million)
- Figure 38. Canada Single-molecule Technology Consumption Value (2019-2030) & (USD Million)
- Figure 39. Mexico Single-molecule Technology Consumption Value (2019-2030) & (USD Million)
- Figure 40. Europe Single-molecule Technology Consumption Value Market Share by Type (2019-2030)
- Figure 41. Europe Single-molecule Technology Consumption Value Market Share by Application (2019-2030)
- Figure 42. Europe Single-molecule Technology Consumption Value Market Share by Country (2019-2030)
- Figure 43. Germany Single-molecule Technology Consumption Value (2019-2030) & (USD Million)
- Figure 44. France Single-molecule Technology Consumption Value (2019-2030) & (USD Million)
- Figure 45. United Kingdom Single-molecule Technology Consumption Value (2019-2030) & (USD Million)
- Figure 46. Russia Single-molecule Technology Consumption Value (2019-2030) & (USD Million)
- Figure 47. Italy Single-molecule Technology Consumption Value (2019-2030) & (USD Million)
- Figure 48. Asia-Pacific Single-molecule Technology Consumption Value Market Share

by Type (2019-2030)

Figure 49. Asia-Pacific Single-molecule Technology Consumption Value Market Share by Application (2019-2030)

Figure 50. Asia-Pacific Single-molecule Technology Consumption Value Market Share by Region (2019-2030)

Figure 51. China Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 52. Japan Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 53. South Korea Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 54. India Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 55. Southeast Asia Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 56. Australia Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 57. South America Single-molecule Technology Consumption Value Market Share by Type (2019-2030)

Figure 58. South America Single-molecule Technology Consumption Value Market Share by Application (2019-2030)

Figure 59. South America Single-molecule Technology Consumption Value Market Share by Country (2019-2030)

Figure 60. Brazil Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 61. Argentina Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 62. Middle East & Africa Single-molecule Technology Consumption Value Market Share by Type (2019-2030)

Figure 63. Middle East & Africa Single-molecule Technology Consumption Value Market Share by Application (2019-2030)

Figure 64. Middle East & Africa Single-molecule Technology Consumption Value Market Share by Country (2019-2030)

Figure 65. Turkey Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 66. Saudi Arabia Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

Figure 67. UAE Single-molecule Technology Consumption Value (2019-2030) & (USD Million)

- Figure 68. Single-molecule Technology Market Drivers
- Figure 69. Single-molecule Technology Market Restraints
- Figure 70. Single-molecule Technology Market Trends
- Figure 71. Porters Five Forces Analysis
- Figure 72. Single-molecule Technology Industrial Chain
- Figure 73. Methodology
- Figure 74. Research Process and Data Source

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