

# Global Targeted DNA & RNA Sequencing Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Targeted DNA & RNA Sequencing market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Targeted RNA-sequencing (RNA-Seq) is a highly accurate method for selecting and sequencing specific transcripts of interest. It offers both quantitative and qualitative information.

The Global Info Research report includes an overview of the development of the Targeted DNA & RNA Sequencing industry chain, the market status of Human Biomedical Research (DNA-based Targeted Sequencing, RNA-based Targeted Sequencing), Plant & Animal Sciences (DNA-based Targeted Sequencing, RNA-based Targeted Sequencing), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Targeted DNA & RNA Sequencing.

Regionally, the report analyzes the Targeted DNA & RNA Sequencing markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Targeted DNA & RNA Sequencing market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Targeted DNA & RNA

Sequencing market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Targeted DNA & RNA Sequencing industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., DNA-based Targeted Sequencing, RNA-based Targeted Sequencing).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Targeted DNA & RNA Sequencing market.

**Regional Analysis:** The report involves examining the Targeted DNA & RNA Sequencing market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Targeted DNA & RNA Sequencing market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Targeted DNA & RNA Sequencing:

**Company Analysis:** Report covers individual Targeted DNA & RNA Sequencing players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Targeted DNA & RNA Sequencing This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Human Biomedical Research, Plant & Animal Sciences).

**Technology Analysis:** Report covers specific technologies relevant to Targeted DNA & RNA Sequencing. It assesses the current state, advancements, and potential future developments in Targeted DNA & RNA Sequencing areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Targeted DNA & RNA Sequencing market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

### Market Segmentation

Targeted DNA & RNA Sequencing 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 in terms of value.

### Market segment by Type

DNA-based Targeted Sequencing

RNA-based Targeted Sequencing

### Market segment by Application

Human Biomedical Research

Plant & Animal Sciences

Drug Discovery

Others

### Market segment by players, this report covers

Illumina, Inc.

F. Hoffmann-La Roche Ltd

Agilent Technologies

GATC Biotech Ag

Oxford Nanopore Technologies

Thermo Fisher Scientific, Inc.

DNASTAR Inc.

QIAGEN

BGI

Perkin Elmer, Inc.

Pacific Biosciences of California, Inc.

Bio-Rad Laboratories, Inc.

Integrated DNA Technologies, Inc.

RainDance Technologies, Inc.

PierianDx

Genomatix GmbH

Macrogen, Inc.

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, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and 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 Targeted DNA & RNA Sequencing product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Targeted DNA & RNA Sequencing, with revenue, gross margin and global market share of Targeted DNA & RNA Sequencing from 2019 to 2024.

Chapter 3, the Targeted DNA & RNA Sequencing 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 application, with consumption value and growth rate by Type, 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 Targeted DNA & RNA Sequencing market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

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

Chapter 12, the key raw materials and key suppliers, and industry chain of Targeted DNA & RNA Sequencing.

Chapter 13, to describe Targeted DNA & RNA Sequencing research findings and conclusion.

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