

# Global Gene Fragment Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Gene Fragment market size was valued at USD 271.5 million in 2023 and is forecast to a readjusted size of USD 560.4 million by 2030 with a CAGR of 10.9% during review period.

Gene fragments are pieces of genes containing only the exons (those parts of the gene which actually encode the protein sequence). They are composed of cDNA. Gene Fragment can be used in CRISPR-Based Genome Editing, Recombinant Antibody Engineering, cloning process, qPCR and PCR Controls, Enzyme Engineering, Vaccine Research, High Resolution Melt (HRM) Assays etc field.

Global key players of gene fragment include Integrated DNA Technologies, Thermo Scientific, Eurofins Scientific, GenScript Biotech, Azenta Life Sciences, etc. The top five players hold a share over 70%. North America is the largest market, has a share about 40%, followed by Asia-Pacific, and Europe, with share 29% and 25%, separately.

The Global Info Research report includes an overview of the development of the Gene Fragment industry chain, the market status of CRISPR-based Genome Editing (0-999 bp, 1000-1999 bp), Antibody Engineering (0-999 bp, 1000-1999 bp), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Gene Fragment.

Regionally, the report analyzes the Gene Fragment 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 Gene Fragment market, with robust domestic demand, supportive policies, and a strong manufacturing base.

## Key Features:

The report presents comprehensive understanding of the Gene Fragment 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 Gene Fragment 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 sales quantity (Million bp), revenue generated, and market share of different by Type (e.g., 0-999 bp, 1000-1999 bp).

**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 Gene Fragment market.

**Regional Analysis:** The report involves examining the Gene Fragment 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 Gene Fragment market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Gene Fragment:

**Company Analysis:** Report covers individual Gene Fragment manufacturers, 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 Gene Fragment This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (CRISPR-based Genome Editing, Antibody Engineering).

**Technology Analysis:** Report covers specific technologies relevant to Gene Fragment. It assesses the current state, advancements, and potential future developments in Gene Fragment areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Gene Fragment 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

Gene Fragment 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 volume and value.

#### Market segment by Type

0-999 bp

1000-1999 bp

2000-3999 bp

4000+ bp

#### Market segment by Application

CRISPR-based Genome Editing

Antibody Engineering

Cloning Process

Others

## Major players covered

Integrated DNA Technologies

Thermo Scientific

Eurofins Scientific

GenScript Biotech

Azenta Life Sciences

Twist Bioscience

Synbio Technologies

Bio Basic

BiOligo Biotechnology

## Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Gene Fragment product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Gene Fragment, with price, sales, revenue and global market share of Gene Fragment from 2019 to 2024.

Chapter 3, the Gene Fragment competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Gene Fragment breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Gene Fragment market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Gene Fragment.

Chapter 14 and 15, to describe Gene Fragment sales channel, distributors, customers, research findings and conclusion.

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