

# Genome Editing Market Report: Trends, Forecast and Competitive Analysis

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## Abstracts

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The future of the genome editing market looks promising with opportunities in cell line engineering, animal genetic engineering, and plant genetic engineering applications. The global genome editing market is expected to grow with a CAGR of 15%-20% from 2020 to 2025. The major drivers for this market are rising government funding and growth in the number of genomics projects and expanding application areas of genomics.

A total of XX figures / charts and XX tables are provided in this more than 150-pages report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global genome editing market report, please download the report brochure.

In this market, CRISPR is the largest technology of genome editing, whereas biotechnology & pharmaceutical companies is the largest end use. Growth in various segments of the genome editing market are given below:

The study includes trends and forecast for the global genome editing market by technology, delivery method, application, service, end use, and region as follows:

By Technology [Value (\$ Million) shipment analysis for 2014 – 2025]:

CRISPR/Cas9

TALENs

ZFN

Others

By Delivery Method [Value (\$ Million) shipment analysis for 2014 – 2025]:

Ex-Vivo

In-Vivo

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Cell Line Engineering

Animal Genetic Engineering

Plant Genetic Engineering

Other Applications

By Service [Value (\$ Million) shipment analysis for 2014 – 2025]:

Contract

In-House

By End Use [Value (\$ Million) shipment analysis for 2014 – 2025]:

Biotechnology & Pharmaceutical Companies

Academic & Government Research Institutes

Contract Research Organizations

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Spain

Germany

France

Asia Pacific

China

India

Japan

The Rest of the World

Brazil

Some of the genome editing companies profiled in this report include Thermo Fisher Scientific, Merck, Horizon Discovery, Lonza, GenScript, Eurofins Scientific and Sangamo Therapeutics.

Lucintel forecasts that CRISPR will remain the largest technology segment over the forecast period, as it can be tailored to treat patient-specific mutations for genetic

diseases.

Within this market, biotechnology & pharmaceutical companies will remain the largest end use segment over the forecast period due to the large number of research projects carried out in gene engineering for the development of novel therapeutics.

North America will remain the largest region over the forecast period due to higher adoption of advanced techniques in the research institutes based in the US and higher incidence of monogenic diseases in the region.

### Features of the Global Genome Editing Market

**Market Size Estimates:** Global genome editing market size estimation in terms of value (\$M) shipment.

**Trend and Forecast Analysis:** Market trends (2014-2019) and forecast (2020-2025) by various segments.

**Segmentation Analysis:** Global genome editing market size by various segments, such as technology, delivery method, application, service, and end use in terms of value.

**Regional Analysis:** Global genome editing market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different technology, delivery method, application, service, end use, and region for the global genome editing market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the global genome editing market.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the

global genome editing market by technology (CRISPR/CAS9, TALENs, ZFN, and others), delivery method (ex-vivo and in-vivo), application (cell line engineering, animal genetic engineering, plant genetic engineering, and other applications), service (contract and in-house), end use (biotechnology & pharmaceutical companies, academic & government research institutes, and contract research organizations), and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global genome editing market?

Q.5 What are the business risks and threats to the global genome editing market?

Q.6 What are the emerging trends in this genome editing market and the reasons behind them?

Q.7 What are some changing demands of customers in this genome editing market?

Q.8 What are the new developments in this genome editing market? Which companies are leading these developments?

Q.9 Who are the major players in this genome editing market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this genome editing market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global genome editing market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Technology Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Technology (CRISPR/Cas9, TALENs, ZFN, and Others), Delivery Method (Ex-Vivo and In-Vivo), Application (Cell Line Engineering, Animal Genetic Engineering, Plant Genetic Engineering, and Other Applications), Service (Contract and In-House), and End Use (Biotechnology & Pharmaceutical Companies, Academic & Government Research Institutes, and Contract Research Organizations)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Spain, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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