

# **Global Genome editing Market Size study, by Application (Genetic Engineering, Clinical Applications), End use (Biotechnology & Pharmaceutical Companies, Academic & Government Research Institutes, Contract Research Organizations (CROs)) and Regional Forecasts 2021-2027**

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## **Abstracts**

Global Genome editing Market is valued approximately USD 3.7 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 22.9 % over the forecast period 2021-2027. Genome editing is a technology which enable scientists to make changes to DNA, leading to changes in physical traits such as eye color, and disease risk. Rising synthetic gene demand along with growing adoption of CRISPR genome editing technology is driving the market growth. For Instance: as per the Department of biotechnology in India 24 Industry Projects worth Rs. 12.62 Crore and 4 Extramural Projects (DBT/DST) worth Rs. 6.24 Crore in biotechnology field. However, challenges with respect to clinical translation impedes the growth of the market over the forecast period of 2021-2027. Also, technological advancements in gene editing technologies, are likely to increase the market growth during the forecast period.

Global Genome editing Market is segmented on the basis of geographical reason as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is deemed as leader of market and witnessed robust growth owing to growing investment in biotechnology and technological advancement in gene editing technologies. Whereas, Asia-Pacific is coming up as one of the promising regions as huge market growth is observed due to factors such as rising population, growing health infrastructure, advancement in biotechnology in the region.

Major market player included in this report are:

Precision Biosciences  
Merck KGaA  
Cibus  
Recombinetics, Inc  
Sangamo  
Editas Medicine  
Crispr therapeutics  
Intellia Therapeutics, Inc.  
Caribou Biosciences, Inc  
Cellecctis

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Genetic Engineering  
Clinical Applications

By End use:

Biotechnology & Pharmaceutical Companies  
Academic & Government Research Institutes  
Contract Research Organizations (CROs)

By Region:

North America  
U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Genome editing Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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