

Recombinant DNA Technology Market Report: Trends, Forecast and Competitive Analysis

<https://marketpublishers.com/r/R795D523A801EN.html>

Date: May 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: R795D523A801EN

Abstracts

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The future of the global recombinant DNA technology market looks promising with opportunities in biotechnology & pharmaceutical companies and academic & government research institutes. The global recombinant DNA technology market is expected to grow with a CAGR of 6%-8% from 2020 to 2025. The major drivers for this market are increasing adoption of genetically modified crops & biopesticides and the rising burden of chronic diseases.

A total of XX figures / charts and XX tables are provided in this more than 150-page 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 recombinant DNA technology market report, please download the report brochure.

In this market, medical is the largest product type of recombinant DNA technology, whereas pharmaceutical and biotechnology companies is the largest end use. Growth in various segments of the recombinant DNA technology market are given below:

The study includes trends and forecast for the global recombinant DNA technology market by product, component, application, end use, and region as follows:

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

Medical

Therapeutic Agent

Human Protein

Vaccine

Non-Medical

Biotech Crops

Specialty Chemicals

Others

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

Expression System

Mammalian

Bacteria

Yeast

Baculovirus / Insects

Others

Cloning Vector

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

Food & Agriculture

Health & Diseases

Humans

Animals

Environment

Others

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

Biotechnology and Pharmaceutical Companies

Academic & Government Research Institutes

Others

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

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

Spain

Italy

France

Asia Pacific

China

Japan

India

The Rest of the World

Brazil

Some of the recombinant DNA technology companies profiled in this report include F. Hoffmann-La Roche, Profacgen, Amgen, Novartis, GenScript, Pfizer, Novo Nordisk, Biogen, Biocon, GlaxoSmithKline, New England Biolabs, Cibus, Monsanto Company, and Horizon Discovery Group.

Lucintel forecasts that medical will remain the largest product segment over the forecast period, as it has facilitated disease treatment by insertion of new genes in place of damaged & diseased genes.

Within this market, pharmaceutical & biotechnology companies will remain the largest end use segment over the forecast period, as the techniques accelerate their drug development capabilities. Moreover, the end products using rDNA techniques in this segment are highly valued and observed to have significant improvement in productivity.

North America will remain the largest region over the forecast period because the presence of effective regulatory bodies to monitor the various ethical and scientific concerns pertaining to the use of technology have driven the regional growth.

Features of the Global Recombinant DNA Technology Market

Market Size Estimates: Global recombinant DNA technology 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 recombinant DNA technology market size by various segments, such as product, component, application, and end use in terms of value.

Regional Analysis: Global recombinant DNA technology market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different product, component, application, end use, and region for the global recombinant DNA technology market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global recombinant DNA technology 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 recombinant DNA technology market by product (medical (therapeutic agent, human protein, and vaccine) and non-medical (biotech crops, specialty chemicals, and others), component (expression system (mammalian, bacteria, yeast, baculovirus / insects, and others) and cloning vector), application (food & agriculture, health & diseases (humans and animals), environment, and others), end-use (biotechnology and pharmaceutical companies, academic & government research institutes, and others), 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 recombinant DNA technology market?

Q.5 What are the business risks and threats to the global recombinant DNA technology market?

Q.6 What are the emerging trends in this recombinant DNA technology market and the reasons behind them?

Q.7 What are some changing demands of customers in this recombinant DNA technology market?

Q.8 What are the new developments in this recombinant DNA technology market?
Which companies are leading these developments?

Q.9 Who are the major players in this recombinant DNA technology 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 recombinant DNA technology 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 recombinant DNA technology 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 Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Product (Medical (Therapeutic Agent, Human Protein, and Vaccine) and Non-Medical (Biotech Crops, Specialty Chemicals, and Others), Component (Expression System (Mammalian, Bacteria, Yeast, Baculovirus / Insects, and Others) and Cloning Vector), Application (Food & Agriculture, Health & Diseases (Humans And Animals), Environment, and Others), and End Use (Biotechnology and Pharmaceutical Companies, Academic & Government Research Institutes, and Others)

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

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