

COVID-19 Outbreak-Global Synthetic Biology Industry Market Report-Development Trends, Threats, Opportunities and Competitive Landscape in 2020

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Abstracts

Synthetic biology is the design and construction of new biological entities such as enzymes, genetic circuits, and cells or the redesign of existing biological systems. Synthetic biology builds on the advances in molecular, cell, and systems biology and seeks to transform biology in the same way that synthesis transformed chemistry and integrated circuit design transformed computing.

The Synthetic Biology market revenue was xx.xx Million USD in 2019, and will reach xx.xx Million USD in 2025, with a CAGR of x.x% during 2020-2025.

Under COVID-19 outbreak globally, this report provides 360 degrees of analysis from supply chain, import and export control to regional government policy and future influence on the industry. Detailed analysis about market status (2015-2020), enterprise competition pattern, advantages and disadvantages of enterprise products, industry development trends (2020-2025), regional industrial layout characteristics and macroeconomic policies, industrial policy has also been included. From raw materials to end users of this industry are analyzed scientifically, the trends of product circulation and sales channel will be presented as well. Considering COVID-19, this report provides comprehensive and in-depth analysis on how the epidemic push this industry transformation and reform.

In COVID-19 outbreak, Chapter 2.2 of this report provides an analysis of the impact of COVID-19 on the global economy and the Synthetic Biology industry.

Chapter 3.7 covers the analysis of the impact of COVID-19 from the perspective of the industry chain.

In addition, chapters 7-11 consider the impact of COVID-19 on the regional economy.

The Synthetic Biology market can be split based on product types, major applications, and important countries as follows:

Key players in the global Synthetic Biology market covered in Chapter 12:

Genscript Biotech Corporation
Integrated Dna Technologies (IDT)
Novozymes
Twist Bioscience
Merck KGaA
Amyris
Thermo Fisher Scientific
Intrexon Corporation
Ginkgo Bioworks
New England Biolabs (NEB)
Synthetic Genomics
Agilent Technologies

In Chapter 4 and 14.1, on the basis of types, the Synthetic Biology market from 2015 to 2025 is primarily split into:

Gene Synthesis
Genome Engineering
Cloning and Sequencing
Next-generation Sequencing
Site-directed Mutagenesis
Measurement and Modeling
Microfluidics
Nanotechnology

In Chapter 5 and 14.2, on the basis of applications, the Synthetic Biology market from 2015 to 2025 covers:

Medical Application
Industrial Application
Food and Agriculture
Environmental Application

Geographically, the detailed analysis of consumption, revenue, market share and growth rate, historic and forecast (2015-2025) of the following regions are covered in Chapter 6, 7, 8, 9, 10, 11, 14:

North America (Covered in Chapter 7 and 14)

United States
Canada
Mexico
Europe (Covered in Chapter 8 and 14)
Germany
UK
France
Italy
Spain
Russia
Others
Asia-Pacific (Covered in Chapter 9 and 14)
China
Japan
South Korea
Australia
India
Southeast Asia
Others
Middle East and Africa (Covered in Chapter 10 and 14)
Saudi Arabia
UAE
Egypt
Nigeria
South Africa
Others
South America (Covered in Chapter 11 and 14)
Brazil
Argentina
Columbia
Chile
Others

Years considered for this report:
Historical Years: 2015-2019
Base Year: 2019
Estimated Year: 2020
Forecast Period: 2020-2025

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