

# Availability Of DNA Sequencing Helps In Synthetic Biology Market Growth

*The Business Research Company's  
Synthetic Biology Global Market Report  
2021: COVID-19 Growth And Change To  
2030*

LONDON, GREATER LONDON , UK, June  
14, 2021 /EINPresswire.com/ -- DNA

sequencing is important in  
development of the synthetic biology  
in many ways. The DNA sequencing  
finds its use in many synthetic biology  
applications, therefore the availability  
of the DNA sequencing technique at

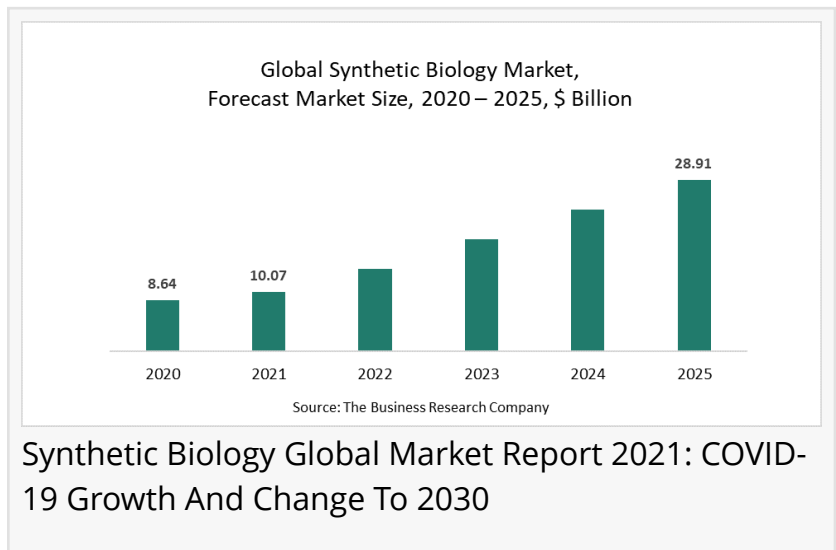
low cost drives the production of products based on the applications of synthetic biology. DNA sequencing allows the researchers to determine the DNA sequences in genes and helps a researcher to create a repository of entire genomes. These repositories form the basis for the implementation of synthetic biology applications such as protein expression, directed evolution, and metabolic engineering. According to the World Economic Forum report in 2019, costs per genome sequenced have been decreased from \$3 billion to less than \$1,000 over the past 15 years and are projected to be gradually lowered by 10 times over the next five years.

The [synthetic biology market](#) consists of sales of synthetic compound, technology and related services. Synthetic biology is a field of biology science which involve engineering principles.

Read More On The Global Synthetic Biology Market Report:

<https://www.thebusinessresearchcompany.com/report/synthetic-biology-global-market-report>

The global synthetic biology market is expected to grow from \$8.64 billion in 2020 to \$10.07 billion in 2021 at a compound annual growth rate (CAGR) of 16.6%. The growth is mainly due to the companies resuming their operations and adapting to the new normal while recovering from the COVID-19 impact, which had earlier led to restrictive containment measures involving social distancing, remote working, and the closure of commercial activities that resulted in operational challenges. The synthetic biology market is expected to reach \$28.91 billion in 2025 at a CAGR of 30.2%.



Synthetic Biology Global Market Report 2021: COVID-19 Growth And Change To 2030

Major players in the synthetic biology industry are Thermo Fischer Scientific, Genscript, Integrated DNA Technologies, Amyris and Twist Bioscience Corporation.

The synthetic biology market covered in this report is segmented by technology into nucleotide synthesis and sequencing, bioinformatics, microfluidics, genetic engineering and by application into pharmaceuticals and diagnostics, chemicals, biofuels, bioplastics, others. The synthetic biology tools market is also segmented by product type into oligonucleotides, enzymes, cloning and assembly kits, xeno-nucleic acids (XNA), chassis organism.

[Synthetic Biology Global Market Report 2021: COVID-19 Growth And Change To 2030](#) is one of a series of new reports from The Business Research Company that provides synthetic biology market overview, forecast synthetic biology market size and growth for the whole market, synthetic biology market segments, and geographies, synthetic biology market trends, synthetic biology market drivers, restraints, leading competitors' revenues, profiles, and market shares.

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