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Gene Synthesis: Technologies and Global Markets

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Abstracts

The global market for gene synthesis was valued at $3 billion in 2025 and is estimated to increase from $3.4 billion in 2026 to reach $7.2 billion by the end of 2031, at a compound annual growth rate (CAGR) of 16.1% from 2026 to 2031.

Report Scope

The report provides an overview of the global gene synthesis market and analyzes market trends. The report includes global revenue ($ millions) for the base year (2025) and estimated data for the forecast period (2026 through 2031). The market is segmented by method, service type, end user, and application. The regions covered in this study include North America, Europe, Asia-Pacific, and the Rest of the World (RoW), with a focus on major countries in each region.

The report focuses on the key drivers, trends, and challenges shaping the market and competitive landscape. It also discusses emerging technologies related to the market. The report concludes with an analysis of the competitive landscape, including rankings of key companies in the global gene synthesis market and patent analysis. It also features a dedicated section of company profiles covering details, such as overview, key financials, product portfolio, and recent developments.

Report Includes

44 data tables and 26 additional tables

Analysis of the global gene synthesis technologies market, including current market size and future growth potential

Market size estimates for 2025 (base year) and forecasts for the period 2026

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through 2031

Detailed segmentation of the market by method, application and end user

Analysis of key market drivers, restraints, and opportunities influencing market growth

Insights into industry trends, emerging technologies and developments in gene synthesis technologies market

Analysis of regional markets, including North America, Europe, Asia-Pacific, Rest of the World

Competitive landscape analysis, including market share, ranking and strategic developments of key players

Profiles of leading and emerging companies, including their product portfolios, financials, and recent developments within the industry, Integrated DNA Technologies Inc., Thermo Fisher Scientific Inc., Eurofins Genomics, and GenScript

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Contents

CHAPTER 1 EXECUTIVE SUMMARY

Market Outlook
Scope of Report
Market Summary
Market Growth Factors
Emerging Technologies
Segmental Analysis
Regional Analysis
Conclusion

CHAPTER 2 MARKET OVERVIEW

Technology Background
Gene Design Software and Features
Codon Optimization for Expression Organism
Minimizing Repetitive Sequences
Removing Toxic Elements Such as Restriction Sites
Adding Cloning Features and Fusion Tags
Defining Oligonucleotide Synthesis Fragmentation
Gene Assembly
Workflow of Gene Synthesis Services
Macro-economic Factors Analysis
PESTEL Analysis
Impact of the Israel-U.S.-Iran war

CHAPTER 3 MARKET DYNAMICS

Market Drivers
Increasing Prevalence of Genetic Disorders
Developments in Gene Synthesis Techniques
Increasing Government Funding for Genomics
Market Restraints
Lack of Skilled Professionals
Ethical Considerations
Market Opportunities
Rising Demand for Cell and Gene Therapy

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Expansion of CRISPR-Based Gene-Editing Applications

CHAPTER 4 REGULATORY LANDSCAPE

U.S.
Europe
Asia-Pacific
Rest of the World

CHAPTER 5 EMERGING TECHNOLOGIESAND DEVELOPMENTS

Introduction
Microarray-Based DNA Synthesis
Enzymatic DNA Synthesis (EDS)
Ligase-Based Gene Synthesis
Machine Learning and Artificial Intelligence
Patent Landscape
Overview
Patents, by Year
Patents, by Document Type
Recent Patents Relating to Gene Synthesis

CHAPTER 6 MARKET SEGMENTATION ANALYSIS

Segmentation Breakdown
Market Breakdown by Method
Key Takeaways
Solid-Phase Synthesis
Chip-Based Synthesis
PCR-Based Enzyme Synthesis
Market Breakdown by Services
Key Takeaways
Antibody DNA Synthesis
Viral DNA Synthesis
Others
Market Breakdown by Application
Key Takeaways
Gene and Cell Therapy Development
Vaccine Development

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Disease Diagnosis
Others
Market Breakdown by End User
Key Takeaways
Biotechnology and Pharmaceutical Companies
Academic and Government Research Institutes
Contract Research Organizations
Geographic Breakdown
Market Breakdown by Region
Key Takeaways
North America
Europe
Asia-Pacific
Rest of the World

CHAPTER 7 COMPETITIVE INTELLIGENCE

Key Takeaways
Integrated DNA Technologies
Thermo Fisher Scientific
Eurofins Genomics
GenScript
Twist Bioscience
Strategic Analysis
Agreement, Collaboration and Partnership
Product Launch
Other Strategic Developments

CHAPTER 8 APPENDIX

Methodology
Abbreviations
References
Company Profiles
ANSA BIOTECHNOLOGIES
AZENTA US INC.
CREATIVE BIOGENE
DNA TWOPOINTO INC
EUROFINS GENOMICS LLC

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EVONETIX
GENSCRIPT
INTEGRATED DNA TECHNOLOGIES INC.
MERCK KGAA
ORIGENE TECHNOLOGIES INC.
PROMAB
SYNBIO TECHNOLOGIES
THERMO FISHER SCIENTIFIC INC.
TRENZYME GMBH
TWIST BIOSCIENCE

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List Of Tables

LIST OF TABLES

Summary Table : Global Market for Gene Synthesis, by Region, Through 2031
Table 1 : List of Patents Filed in Gene Synthesis Market, 2024–2025
Table 2 : Global Market for Gene Synthesis, by Method, Through 2031
Table 3 : Global Gene Synthesis Market for Solid-Phase Synthesis, by Region, Through 2031
Table 4 : Global Gene Synthesis Market for Chip-Based Synthesis, by Region, Through 2031
Table 5 : Global Gene Synthesis Market for PCR-Based Enzyme Synthesis, by Region, Through 2031
Table 6 : Global Market for Gene Synthesis, by Services, Through 2031
Table 7 : Global Gene Synthesis Market for Antibody DNA Synthesis, by Region, Through 2031
Table 8 : Global Gene Synthesis Market for Viral DNA Synthesis, by Region, Through 2031
Table 9 : Global Gene Synthesis Market for Other Services, by Region, Through 2031
Table 10 : Global Market for Gene Synthesis, by Application, Through 2031
Table 11 : Global Gene Synthesis Market for Gene and Cell Therapy Development, by Region, Through 2031
Table 12 : Global Gene Synthesis Market for Vaccine Development, by Region, Through 2031
Table 13 : Global Gene Synthesis Market for Disease Diagnosis, by Region, Through 2031
Table 14 : Global Gene Synthesis Market for Other Applications, by Region, Through 2031
Table 15 : Global Market for Gene Synthesis, by End User, Through 2031
Table 16 : Global Gene Synthesis Market for Biotechnology and Pharmaceutical Companies, by Region, Through 2031
Table 17 : Global Gene Synthesis Market for Academic and Government Research Institutes, by Region, Through 2031
Table 18 : Global Gene Synthesis Market for Contract Research Organizations, by Region, Through 2029
Table 19 : Global Market for Gene Synthesis, by Region, Through 2031
Table 20 : North American Market for Gene Synthesis, by Method, Through 2031
Table 21 : North American Market for Gene Synthesis, by Services, Through 2031
Table 22 : North American Market for Gene Synthesis, by Application, Through 2031
Table 23 : North American Market for Gene Synthesis, by End User, Through 2031

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Table 24 : North American Market for Gene Synthesis, by Country, Through 2031
Table 25 : European Market for Gene Synthesis, by Method, Through 2031
Table 26 : European Market for Gene Synthesis, by Services, Through 2031
Table 27 : European Market for Gene Synthesis, by Application, Through 2031
Table 28 : European Market for Gene Synthesis, by End User, Through 2031
Table 29 : European Market for Gene Synthesis, by Country, Through 2031
Table 30 : Asia-Pacific Market for Gene Synthesis, by Method, Through 2031
Table 31 : Asia-Pacific Market for Gene Synthesis, by Services, Through 2031
Table 32 : Asia-Pacific Market for Gene Synthesis, by Application, Through 2031
Table 33 : Asia-Pacific Market for Gene Synthesis, by End User, Through 2031
Table 34 : Asia-Pacific Market for Gene Synthesis, by Country, Through 2031
Table 35 : Rest of the World Market for Gene Synthesis, by Method, Through 2031
Table 36 : Rest of the World Market for Gene Synthesis, by Services, Through 2031
Table 37 : Rest of the World Market for Gene Synthesis, by Application, Through 2031
Table 38 : Rest of the World Market for Gene Synthesis, by End User, Through 2031
Table 39 : Rest of the World Market for Gene Synthesis, by Sub-Region, Through 2031
Table 40 : Ranking of Leading Companies in Gene Synthesis Market, 2025
Table 41 : Agreements, Collaborations and Partnerships in the Gene Synthesis Market, 2025–2026
Table 42 : Product Launches in the Gene Synthesis Market, 2024–2026
Table 43 : Other Strategic Developments in the Gene Synthesis Market 2024–2026
Table 44 : Abbreviations Used in this Report
Table 45 : Ansa Biotechnologies: Company Snapshot
Table 46 : Ansa Biotechnologies: Product Portfolio
Table 47 : Ansa Biotechnologies: News/Key Developments, 2024-2026
Table 48 : Azenta US Inc.: Company Snapshot
Table 49 : Azenta US Inc.: Financial Performance, FY 2024 and 2025
Table 50 : Azenta US Inc.: Product Portfolio
Table 51 : Azenta US Inc.: News/Key Developments, 2026
Table 52 : Creative Biogene: Company Snapshot
Table 53 : Creative Biogene: Product Portfolio
Table 54 : DNA TwoPointO Inc.: Company Snapshot
Table 55 : DNA TwoPointO Inc.: Product Portfolio
Table 56 : DNA TwoPointO Inc.: News/Key Developments, 2026
Table 57 : Eurofins Genomics: Company Snapshot
Table 58 : Eurofins Genomics: Product Portfolio
Table 59 : Eurofins Genomics: News/Key Developments, 2025
Table 60 : Evonetix: Company Snapshot
Table 61 : Evonetix: Product Portfolio

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Table 62 : GenScript: Company Snapshot
Table 63 : GenScript: Financial Performance, FY 2024 and 2025
Table 64 : GenScript: Product Portfolio
Table 65 : GenScript: News/Key Developments, 2024
Table 66 : Integrated DNA Technologies Inc.: Company Snapshot
Table 67 : Integrated DNA Technologies Inc.: Product Portfolio
Table 68 : Integrated DNA Technologies Inc.: News/Key Developments, 2024–2026
Table 69 : Merck KGaA: Company Snapshot
Table 70 : Merck KGaA: Financial Performance, FY 2024 and 2025
Table 71 : Merck KGaA: Product Portfolio
Table 72 : Merck KGaA: News/Key Developments, 2026
Table 73 : OriGene Technologies Inc.: Company Snapshot
Table 74 : OriGene Technologies Inc.: Product Portfolio
Table 75 : ProMab: Company Snapshot
Table 76 : ProMab: Product Portfolio
Table 77 : Synbio Technologies Inc.: Company Snapshot
Table 78 : Synbio Technologies Inc.: Product Portfolio
Table 79 : Synbio Technologies Inc.: News/Key Developments, 2026
Table 80 : Thermo Fisher Scientific Inc.: Company Snapshot
Table 81 : Thermo Fisher Scientific Inc.: Financial Performance, FY 2024 and 2025
Table 82 : Thermo Fisher Scientific Inc.: Product Portfolio
Table 83 : Thermo Fisher Scientific Inc.: News/Key Developments, 2025–2026
Table 84 : trenzyme GmbH: Company Snapshot
Table 85 : trenzyme GmbH: Product Portfolio
Table 86 : Twist Bioscience: Company Snapshot
Table 87 : Twist Bioscience: Financial Performance, FY 2024 and 2025
Table 88 : Twist Bioscience: Product Portfolio
Table 89 : Twist Bioscience: News/Key Developments, 2026

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List Of Figures

LIST OF FIGURES

Summary Figure : Summary Figure: Global Market Shares of Gene Synthesis, by Region, 2025
Figure 1 : Gene Synthesis Services Workflow
Figure 2 : PESTEL Analysis: Gene Synthesis Market
Figure 3 : Market Dynamics of Gene Synthesis Technologies
Figure 4 : Emerging Technologies in the Gene Synthesis Market
Figure 5 : Patent Filings Related to Gene Synthesis, by Year, 2024–2025
Figure 6 : Shares of Patents, by Document Type, 2024–2025
Figure 7 : Global Market Shares of Gene Synthesis, by Method, 2025
Figure 8 : Global Market Shares of Gene Synthesis, by Services, 2025
Figure 9 : Global Market Shares of Gene Synthesis, by Application, 2025
Figure 10 : Global Market Shares of Gene Synthesis, by End User, 2025
Figure 11 : Global Market Shares of Gene Synthesis, by Region, 2025
Figure 12 : North American Market Shares of Gene Synthesis, by Country, 2025
Figure 13 : European Market Shares of Gene Synthesis, by Country, 2025
Figure 14 : Asia-Pacific Market Shares of Gene Synthesis, by Country, 2025
Figure 15 : Rest of the World Market Shares of Gene Synthesis, by Sub-Region, 2025
Figure 16 : Azenta US Inc.: Revenue Shares, by Business Unit, FY 2025
Figure 17 : Azenta US Inc.: Revenue Shares, by Country/Region, FY 2025
Figure 18 : GenScript: Revenue Shares, by Business Unit, FY 2025
Figure 19 : GenScript: Revenue Shares, by Country/Region, FY 2025
Figure 20 : Merck KGaA: Revenue Shares, by Business Unit, FY 2025
Figure 21 : Merck KGaA: Revenue Shares, by Country/Region, FY 2025
Figure 22 : Thermo Fisher Scientific Inc.: Revenue Shares, by Business Unit, FY 2025
Figure 23 : Thermo Fisher Scientific Inc.: Revenue Shares, Country/by Region, FY 2025
Figure 24 : Twist Bioscience: Revenue Shares, by Business Unit, FY 2025
Figure 25 : Twist Bioscience: Revenue Shares, Country/by Region, FY 2025

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