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Mobile Apps for DNA Sequencing: Global Markets

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Abstracts

The global market for mobile apps for DNA sequencing was valued at an estimated $777.1 million in 2025 and is estimated to increase from $934.9 million in 2026 to reach $2.4 billion by the end of 2031, at a compound annual growth rate (CAGR) of 21.1% from 2026 to 2031.

Report Scope

The scope of the global mobile apps for DNA sequencing market includes several major domains:

DNA sequencing technologies.

Genomic data analysis and bioinformatics.

Genetic visualization tools.

Consumer genomics and genealogy.

Family tree and ancestry mapping.

Clinical diagnostics and precision medicine.

Cloud-based genomic platforms.

The report provides an overview of the global mobile apps for DNA sequencing market and analyzes market trends. The report includes global revenue ($ million) for the base year data 2025 and estimated data for the forecast period 2026 through 2031. The

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market is segmented based on platform, technology type, end-use, and regions. The regions covered in this study include North America, Europe, Asia-Pacific, and the Rest of the World, focusing on major countries in these regions.

The report focuses on the driving trends and challenges that affect the market and vendor landscape. It discusses emerging technologies related to the market. The report concludes with an analysis of the competitive landscape, which provides the ranking of key participants in the global mobile apps for DNA sequencing market. The company profiles section covers details such as overview, key financials, product portfolio, and recent developments of key market participants.

Report Includes

33 data tables and 34 additional tables

An analysis of the global markets for mobile apps for DNA sequencing data analysis

Analyses of the global market trends, with historic data from 2023 to 2025, estimates for 2026 and projections of CAGRs through 2031

Estimates of the market size and revenue prospects for the global market, accompanied by a market share analysis based on application platform, sequencing technology, end user, and region

Facts and figures pertaining to the market dynamics, recent technological advancements in diabetes management, regulations, prospects and the impact of macroeconomic variables

Insights derived from Porter’s Five Forces model, as well as global supply chain analyses

Review of emerging technologies, market applications, industry structure, and key initiatives in clinical sequencing

Patent review, featuring key granted and published patents

Analysis of the industry structure, including companies’ market shares and rankings, product mappings, strategic initiatives, M&A activity and a venture

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funding outlook

Overview of sustainability trends and ESG developments, with emphasis on consumer attitudes, as well as the ESG risk ratings and practices of leading companies

Company profiles of major players within the industry including, Illumina Inc., Thermo Fisher Scientific Inc., Oxford Nanopore Technologies plc., and QIAGEN

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DNANEXUS INC.
HELIX INC.
ILLUMINA INC.
M42
MYHERITAGE LTD.
NEBULA GENOMICS
OXFORD NANOPORE TECHNOLOGIES PLC.
QIAGEN
THERMO FISHER SCIENTIFIC INC.

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