

Genomics Data Analysis Market Size, Share & Trends Analysis Report By Service (Variant Calling & Annotation, Gene Expression Analysis), By Technology (NGS, Microarray, PCR), By Application, By End Use, By Region, And Segment Forecasts, 2025 - 2033

<https://marketpublishers.com/r/GD4990763FE9EN.html>

Date: October 2025

Pages: 120

Price: US\$ 5,950.00 (Single User License)

ID: GD4990763FE9EN

Abstracts

The global genomics data analysis market size was estimated at USD 5.68 billion in 2024 and is projected to reach USD 20.49 billion by 2033, growing at a CAGR of 15.40% from 2025 to 2033. This growth trajectory reflects the accelerating adoption of next-generation sequencing (NGS), the expanding use of precision medicine, and the rising demand for cloud-based bioinformatics platforms.

More public and private sector investments and incorporating artificial intelligence (AI) and machine learning (ML) into genomic processes will help support additional market growth.

Global Genomics Data Analysis Market Report Segmentation

This report forecasts revenue growth and provides an analysis of the latest trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the global genomics data analysis market based on service, technology, application, end use, and region:

Service Outlook (Revenue, USD Million, 2021 - 2033)

Data Preprocessing and Quality Control

Variant Calling and Annotation

Gene Expression Analysis

Data Interpretation and Reporting

Others

Technology Outlook (Revenue, USD Million, 2021 - 2033)

Next-Generation Sequencing (NGS)

Microarray

PCR

CRISPR-based Analysis

Others

Application Outlook (Revenue, USD Million, 2021 - 2033)

Diagnostics

Drug Discovery & Development

Oncology

Neurology

Infectious Diseases

Others

Others

End Use Outlook (Revenue, USD Million, 2021 - 2033)

Academic & Research Institutes

Pharmaceutical & Biotechnology Companies

Hospitals & Labs

Others

Regional Outlook (Revenue, USD Million, 2021 - 2033)

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

Italy

Spain

Denmark

Sweden

Norway

Asia Pacific

China

India

Japan

South Korea

Australia

Thailand

Latin America

Brazil

Argentina

Middle East and Africa (MEA)

South Africa

Saudi Arabia

UAE

Kuwait

This report can be delivered to the clients within 3 Business Days

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