

# Asia-Pacific Whole Genome and Exome Sequencing Market: Focus on End User and Country - Analysis and Forecast, 2024-2033

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## Abstracts

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This report will be delivered in 7-10 working days. Introduction to Asia-Pacific Whole Genome and Exome Sequencing Market

The Asia-Pacific whole genome and exome sequencing market is projected to reach \$1,784.8 million by 2033 from \$425.9 million in 2024, growing at a CAGR of 15.13% during the forecast period 2024-2033. WGS analyses the entire genome, whereas WES concentrates on protein-coding regions that contain the majority of disease-related variants. As costs come down and applications increase, these technologies are becoming more and more popular.

### Market Introduction

The market for whole genome and exome sequencing in Asia-Pacific (APAC) is expanding quickly due to advances in genomics, an increase in the prevalence of genetic disorders, and growing investments in precision medicine. Clinical diagnostics, customised treatments, and biomedical research all depend on whole genome sequencing (WGS), which offers a thorough examination of a person's DNA, and whole exome sequencing (WES), which concentrates on protein-coding regions.

With robust government initiatives, growing biotechnology sectors, and growing partnerships between healthcare providers and research institutions, nations like China, Japan, South Korea, and India are leading this market. The market is expanding due to

the declining cost of sequencing technologies, as well as the use of big data analytics and artificial intelligence (AI).

Reproductive health, pharmacogenomics, oncology, and rare disease diagnosis are important applications. Demand in the market is also being influenced by the rise of direct-to-consumer (DTC) testing services and increased awareness of genetic testing. But there are still issues like data privacy, complicated regulations, and moral dilemmas.

All things considered, the APAC whole genome and exome sequencing market is expected to grow significantly due to advancements in technology, rising healthcare costs, and the growing demand for accurate, data-driven medical solutions.

### Market Segmentation:

#### Segmentation 1: by End User

Pharmaceutical and Biotechnology Companies

Diagnostic Laboratories

Hospitals and Clinics

Research and Academic Institutes

Others

#### Segmentation 2: by Country

Japan

India

China

Singapore

Australia

## Rest-of-Asia-Pacific

How can this report add value to an organization

**Product/Innovation Strategy:** The report offers in-depth insights into the latest technological advancements and emerging applications in genome and exome sequencing, enabling organizations to drive innovation and develop cutting-edge products tailored to market needs.

**Growth/Marketing Strategy:** By providing comprehensive market analysis and identifying key growth opportunities, the report equips organizations with the knowledge to craft targeted marketing strategies and expand their market presence effectively.

**Competitive Strategy:** The report includes a thorough competitive landscape analysis, helping organizations understand their competitors' strengths and weaknesses and allowing them to strategize effectively to gain a competitive edge in the market.

### Key Market Players and Competition Synopsis

Profiled companies have been selected based on inputs gathered from primary experts and analyzing company coverage, product portfolio, and market penetration.

Some prominent names established in this market are:

BGI Group

Novogene Corporation

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