

Immune Repertoire Sequencing Market, Global Outlook and Forecast 2022-2028

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Abstracts

Immune Repertoire is the collection of B and T cells with functional diversity in the body that reflects the immune selectivity. Immune Repertoire Sequencing means to sequence the complimentary determining region of both B-cell receptor and T-cell receptor. Immune receptor repertoire profiling portrays as the antigen-specific information within lymphocytes and has become increasingly significant to understand body's autoimmunity and healthy immunity. This also propose novel ways to tackle cancer and development of personalized medicine by understanding the genetic makeup of a person. Since the last two decades, the technical advancements in the high throughput sequencing techniques along with the development in the bioinformatics and statistical tools have made the immune repertoire sequencing to be analyzed at single sequence level. This technology has potential to explore for the novel infectious agents and also offers new approaches for vaccine or antibody development.

This report contains market size and forecasts of Immune Repertoire Sequencing in Global, including the following market information:

Global Immune Repertoire Sequencing Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Immune Repertoire Sequencing market was valued at 106.3 million in 2021 and is projected to reach US\$ 131 million by 2028, at a CAGR of 3.0% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$

Million by 2028.

Pyro-Sequencing Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Immune Repertoire Sequencing include Adaptive Biotechnologies & Amgen, BGI, Alacris Theranostics, CD Genomics, AptalT, ArcherDX, Roche Holding and ThermoFisher Scientific, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Immune Repertoire Sequencing companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Immune Repertoire Sequencing Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Immune Repertoire Sequencing Market Segment Percentages, by Type, 2021 (%)

Pyro-Sequencing

Dye-Terminating Sequencing

Others

Global Immune Repertoire Sequencing Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Immune Repertoire Sequencing Market Segment Percentages, by Application, 2021 (%)

Bioinformatics

Hematology

Immunology

Others

Global Immune Repertoire Sequencing Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions)

Global Immune Repertoire Sequencing Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Immune Repertoire Sequencing revenues in global market, 2017-2022

(estimated), (\$ millions)

Key companies Immune Repertoire Sequencing revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Adaptive Biotechnologies & Amgen

BGI

Alacris Theranostics

CD Genomics

AptaIT

ArcherDX

Roche Holding

ThermoFisher Scientific

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