

Global Single Cell Bioinformatics Software and Services Market 2023-2029

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Abstracts

Single cell bioinformatics software and services have become increasingly important due to the growing demand for analyzing high-throughput data generated from single-cell sequencing experiments. These tools help researchers to analyze and interpret data, discover cell populations, resolve technical variation, and identify cellular heterogeneity. The global single cell bioinformatics software and services market is projected to rise by USD 256.5 million by 2029, according to the latest market study results. It is anticipated to expand at a CAGR of 11.52 percent during the forecast period.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global single cell bioinformatics software and services market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the product, application, end user, and region. The global market for single cell bioinformatics software and services can be segmented by product: bioinformatics software, bioinformatics services. In 2022, the bioinformatics services segment made up the largest share of revenue generated by the single cell bioinformatics software and services market. Single cell bioinformatics software and services market is further segmented by application: oncology, immunology, neurology, non-invasive prenatal diagnosis (NIPD), microbiology, others. The oncology segment was the largest contributor to the global single cell bioinformatics software and services market in 2022. Based on end user, the single cell bioinformatics software and services

market is segmented into: research and academic institutes, biopharmaceutical companies, others. The research and academic institutes segment is estimated to account for the largest share of the global single cell bioinformatics software and services market. On the basis of region, the single cell bioinformatics software and services market also can be divided into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America. North America held the largest share of the global single cell bioinformatics software and services market in 2022 and is anticipated to hold its share during the forecast period.

Market Segmentation

By product: bioinformatics software, bioinformatics services

By application: oncology, immunology, neurology, non-invasive prenatal diagnosis (NIPD), microbiology, others

By end user: research and academic institutes, biopharmaceutical companies, others

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The report explores the recent developments and profiles of key vendors in the Global Single Cell Bioinformatics Software and Services Market, including Illumina, Inc., Becton, Dickinson and Company, Qiagen NV, Fluidigm Corporation, Takara Bio Inc., NanoString Technologies, Inc., Oxford Nanopore Technologies plc., Pacific Biosciences of California, Inc., IsoPlexis Corporation, Akoya Biosciences, Inc., among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global single cell bioinformatics software and services market.

To classify and forecast the global single cell bioinformatics software and services market based on product, application, end user, region.

To identify drivers and challenges for the global single cell bioinformatics software and services market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global single cell bioinformatics software and services market.

To identify and analyze the profile of leading players operating in the global single cell bioinformatics software and services market.

Why Choose This Report

Gain a reliable outlook of the global single cell bioinformatics software and services market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Bioinformatics software
Bioinformatics services

PART 6. MARKET BREAKDOWN BY APPLICATION

Oncology
Immunology
Neurology
Non-invasive prenatal diagnosis (NIPD)
Microbiology
Others

PART 7. MARKET BREAKDOWN BY END USER

Research and academic institutes
Biopharmaceutical companies

Others

PART 8. MARKET BREAKDOWN BY REGION

North America

Europe

Asia-Pacific

MEA (Middle East and Africa)

Latin America

PART 9. KEY COMPANIES

Illumina, Inc.

Becton, Dickinson and Company

Qiagen NV

Fluidigm Corporation

Takara Bio Inc.

NanoString Technologies, Inc.

Oxford Nanopore Technologies plc.

Pacific Biosciences of California, Inc.

IsoPlexis Corporation

Akoya Biosciences, Inc.

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