

# Single Cell Sequencing Market Industry Analysis, Share, Overview, Segmentations and Forecasts Research Report 2027

*Single Cell Sequencing Market Size – USD 1,136.1 Million in 2019, Market Growth - CAGR of 13.9%*

VANCOUVER, BC, CANADA, March 15, 2022 /EINPresswire.com/ -- The global single-cell sequencing market is

expected to reach USD 3,230.6 Million by 2027, according to a new report by Emergen Research. Single-cell

sequencing finds widespread use in resolving heterogeneity of tumor, reconstruction of cancer cell

evolutionary courses, and identification

of rare sub-clones, thereby providing a promising technique for addressing resistance to drugs. Recently, researchers at the University of South California (USC) have developed a method using single-cell sequencing to identify sub-clones in cancer tissue that could provide important biological insights into how cancer progresses, how it spreads, and why it can become resistant to treatment.

The report provides detailed insights into [Single Cell Sequencing Market](#) size, market trends, industry trends, consumer trends, market forecast, revenue share growth, along with ranging impacts of each driver on market size. It also provides analysis of various factors expected to restrain or limit potential growth in Single Cell Sequencing Market size over the forecast period, 2020–2027. The report includes profiles of major players in the In-vehicle infotainment market, strategies being employed/deployed, mergers, acquisitions, recent developments, agreements, contracts, new product development and launches, segment revenue, investment details as well as financials.

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In addition, rapidly rising demand and deployment in respective sectors/industries in major and



developing countries is supporting growth in terms of Single Cell Sequencing Market share contribution of these countries. In addition, Single Cell Sequencing Market share contribution is expected to continue to incline steadily over the forecast period due to favorable government policies, advancements in technology, and steady economic growth across various regions and countries.

Top key vendors in Single Cell Sequencing Market include are:

Illumina, Thermo Fisher Scientific Inc., Fluidigm, Bio-Rad, Becton, Dickinson, and Company, Qiagen, F Hoffmann-La Roche Ltd., BGI, 10X Genomics Inc., Oxford Nanopore Technologies, among others.

Further key findings from the report suggest;

Single-cell isolation aids in achieving cell viability of 99.0% without interfering with whole genome amplification, polymerase chain reaction (PCR), or whole transcriptome amplification (WTA) reactions and therefore held a substantial share of the market in 2019.

The next-generation sequencing (NGS) technology has drawn the attention of many companies and investors in various fields, including fundamental research, discovery, and production of pharmaceutical drugs, reproductive, and consumer genomics.

Instruments, in terms of revenue, held a larger market share in 2019, owing to the development and usage of advanced tools and solutions in the treatment of various chronic and infectious diseases.

Single-cell sequencing enables the categorization of cell types, as well as subtypes in the central nervous system at the transcriptome level, thereby aiding to solve issues associated with the complexity and heterogeneity of the nervous system and find out the brain formation mechanisms at various stages of developmental.

The market in the Asia Pacific is estimated to observe the fastest growth rate in the forecast period attributed to huge spending in R&D in the technology, along with sufficient strategic support and collaboration among the market players and research institutes.

Emergen Research has segmented the global single-cell sequencing market on the basis of product type, workflow, technology, disease type, application, end-use, and region:

Product Type Outlook (Revenue, USD Billion; 2017-2027)

Reagents

Instruments

Workflow Outlook (Revenue, USD Billion; 2017-2027)

Single Cell Isolation

Sample Preparation  
Genomic Sequencing  
Technology Outlook (Revenue, USD Billion; 2017-2027)  
Sequencing  
qPCR  
Microarray  
MDA  
PCR  
Disease Type Outlook (Revenue, USD Billion; 2017-2027)  
Oncology  
Immunology  
Prenatal Diagnosis  
Neurobiology  
Microbiology  
Others

Region wise performance of the In-vehicle infotainment industry

In terms of Single Cell Sequencing Market size, North America is expected to remain dominant among the other regional markets over the forecast period. Presence of major companies in countries in the region is a key factor supporting Single Cell Sequencing Market size growth.

Asia Pacific Single Cell Sequencing Market size is expected to remain steady, and register fastest revenue growth rate between 2020 and 2027. Rapid revenue growth rate in countries such as China and India is attributable to rapid growth in Single Cell Sequencing Market size in Asia Pacific, and the trend is expected to continue going ahead.

Continuous developments in countries in Europe is expected to support growth in regional market size over the forecast period.

Geographically, this report studies the key regions, focuses on product sales, value, market share and growth opportunity in these regions, covering:

United States  
Europe  
China  
Japan  
Southeast Asia  
India

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The research provides answers to the following key questions:

What will be the growth rate and the market size of the Single Cell Sequencing Market industry for the forecast period 2020-2027?

What are the major driving forces expected to impact the development of the Single Cell Sequencing Market across different regions?

Who are the major driving forces expected to decide the fate of the In-vehicle infotainment industry worldwide?

Who are the prominent market players making a mark in the Single Cell Sequencing Market with their winning strategies?

Which In-vehicle infotainment industry trends are likely to shape the future of the industry during the forecast period 2020-2027?

What are the key barriers and threats believed to hinder the development of the industry?

What are the future opportunities in the In-vehicle infotainment market?

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