

Spatial Genomics & Transcriptomics Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the global spatial genomics & transcriptomics market looks promising with opportunities in diagnostics & disease profiling and drug discovery. The global spatial genomics & transcriptomics market is expected to grow with a CAGR of 7%-9% from 2020 to 2025. The major drivers for this market are increasing prevalence of cancer, rising demand for biomarkers, and growing adoption of in situ sequencing techniques.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global spatial genomics & transcriptomics market report, please download the report brochure.

In this market, consumables is the largest product type of spatial genomics and transcriptomics, whereas translational research is the largest end use. Growth in various segments of the spatial genomics and transcriptomics market are given below:

The study includes trends and forecast for the global spatial genomics & transcriptomics market by product, technology, application, end use, and region as follows:

By Product [Value (\$ Million) shipment analysis for 2014 – 2025]:

Instruments
By Mode Automated Semi-automated Manual
By Type Sequencing
Platforms IHC (Immunohistochemistry) Microscopy Flow Cytometry Mass
Spectrometry Others Consumables Software

Bioinformatics Tools

Imaging Tools

Storage & Management Databases

By Technology [Value (\$ Million) shipment analysis for 2014 – 2025]:

Spatial Transcriptomics Sequencing-Based Methods Laser Capture Microdissection (LCM) Transcriptome In-Vivo Analysis (TIVA) In Situ Sequencing Microtomy Sequencing IHC Microscopy-Based RNA Imaging Techniques Single Molecule RNA Fluorescence In-Situ Hybridization (smFISH) Padlock Probes/ Rolling Circle Amplification Branched DNA Probes Spatial Genomics FISH (Fluorescence In-Situ Hybridization) Microscopy-Based Live DNA Imaging Genome Perturbation Tools Massively-Parallel Sequencing Biochemical Techniques Others

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Diagnostics & Disease Profiling Drug Discovery Others

By End Use [Value (\$ Million) shipment analysis for 2014 – 2025]:

Translational Research Academic Customers Diagnostic Customers Pharmaceutical Manufacturer

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America United States Canada Mexico Europe United Kingdom Germany France Asia Pacific China India Japan The Rest of the World Brazil

Some of the spatial genomics & transcriptomics companies profiled in this report include 10x Genomics, Dovetail Genomics, Illumina, S2 Genomics, NanoString Technologies, Seven Bridges Genomics, Horizon Discovery Group, CARTANA, Advanced Cell Diagnostics, and Spatial Transcriptomics.

Lucintel forecasts that consumables will remain the largest product segment over the forecast period due to increasing prevalence of cancer and increasing research and development activities related to genomics.

Within this market, translational research will remain the largest segment by end use over the forecast period due to wide applications of spatial genomics techniques in translational studies for analyzing the behavior of human tissues and cells from other individuals.

North America will remain the largest region over the forecast period due to rising cancer research activities and increasing focus on genomic based research and development in the region.

Features of the Global Spatial Genomics & Transcriptomics Market

Market Size Estimates: Global spatial genomics & transcriptomics market size estimation in terms of value (\$M) shipment. **Trend and Forecast Analysis:** Market trends (2014-2019) and forecast (2020-2025) by various segments. **Segmentation Analysis:** Global spatial genomics & transcriptomics market size by various segments, such as product, technology, application, and end use in terms of value. **Regional Analysis:** Global spatial genomics & transcriptomics market breakdown by North America, Europe, Asia Pacific, and Rest of the World. **Growth Opportunities:** Analysis of growth opportunities in different product, technology, application, end use, and region for the global spatial genomics & transcriptomics market. **Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the global spatial genomics & transcriptomics market. **Analysis of competitive intensity of the industry** based on Porter's Five Forces model.

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global spatial genomics & transcriptomics market by product (instruments (mode (automated, semi-automated, and manual), type (sequencing platforms, IHC, microscopy, flow cytometry, mass spectrometry, and others)), consumables, and software (bioinformatics tools, imaging tools, and storage & management databases)), technology (spatial transcriptomics (sequencing-based methods (LCM, TIVA, in situ sequencing, and microtomy sequencing), IHC, and microscopy-based RNA imaging techniques (smFISH, padlock probes/ rolling circle amplification, and branched DNA probes)), spatial genomics (FISH, microscopy-based live DNA imaging, genome perturbation tools, massively-parallel sequencing, biochemical techniques, and others)), application (diagnostics & disease profiling, drug discovery, and others), end use (translational research, academic customers, diagnostic customers, and pharmaceutical

manufacturer), and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global spatial genomics & transcriptomics market?

Q.5 What are the business risks and threats to the global spatial genomics & transcriptomics market?

Q.6 What are the emerging trends in this spatial genomics & transcriptomics market and the reasons behind them?

Q.7 What are some changing demands of customers in this spatial genomics & transcriptomics market?

Q.8 What are the new developments in this spatial genomics & transcriptomics market? Which companies are leading these developments?

Q.9 Who are the major players in this spatial genomics & transcriptomics market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this spatial genomics & transcriptomics market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global spatial genomics & transcriptomics market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product

Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Product (Instruments, Consumables, and Software), Technology (Spatial Transcriptomics and Spatial Genomics), Application (Diagnostics & Disease Profiling, Drug Discovery, and Others), and End Use (Translational Research, Academic Customers, Diagnostic Customers, and Pharmaceutical Manufacturer)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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8.7: orizon Discovery Group Plc

8.8: CARTANA AB

8.9: Advanced Cell Diagnostics, Inc.

8.10: Spatial Transcriptomics AB

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