Genomics Market by Product (Instruments, Consumables), Technology (Sequencing, PCR, Microarray), Application (Diagnostics, Personalized Medicine), Process (Library Preparation, Sequencing & Imaging), End User - Trends & Global Forecasts to 2020

Description: The growth of the overall market can be contributed to increasing investments, grants, and funds by the government; increasing research in the field of genomics; increasing number of start-up companies; and increasing application of genomic sequencing in the diagnostics. However, the high cost of genomic sequencing instruments/systems is likely to restrain the growth of the market during the forecast period.

In the coming years, the market is expected to witness the highest growth rate in the North American which can be attributed to the enactment of Personalized Medicine Initiative in 2015. The new healthcare initiative will increase the adaptation of genomics in personalized medicine and provide better treatment to the patients.

The report segments the market based on product, technology, process, end user, and application. The various product segments of the genomics market include instruments/systems, consumables, and services. The consumables segment is expected to account for the largest share of the genomics market in 2015. This is attributed to factors such repeated usage of consumables for the genomic experiments, increasing research programs by academic institutes and non-profit organizations.

The market by technology is segmented into PCR, nucleic acid extraction & purification, microarray technology, sequencing, branched DNA (bDNA) technology, and flow cytometry, among others. Based on the various application areas of genomics, the report segments the market into diagnostics, drug discovery & development, personalized medicine, and agriculture & animal research, among others. The market by process is segmented into the library preparation, sequencing & imaging, and data analysis.

Based on the end users the genomics market is segmented into research centers, academic institutes, & government institutes; hospitals & clinics; and pharmaceutical & biotechnology companies, among others. The research centers, academic institutes, and government institutes segment accounted for the largest share of the market, by end user, in 2015. This largest share is attributed to the increasing research initiatives and projects in the area of genomics worldwide.

Some major players in the global genomics market include Illumina, Inc. (U.S.), Affymetrix, Inc. (U.S.), Agilent Technologies, Inc. (U.S.), BGI (China), Thermo Fisher Scientific, Inc. (U.S.), Bio Rad Laboratories, Inc. (U.S.), Cepheid, Inc. (U.S.), GE Healthcare (U.K.), QIAGEN N.V. (Netherlands), and Roche Diagnostics (Switzerland).

Stakeholders of the Genomics Market
- Genomics Instruments/Systems Manufacturing Companies
- Suppliers and Distributors of Genomic instruments/systems and consumables
- Research Institutes
- Teaching Hospitals and Academic Medical Centers (AMCs)
- Government Bodies/Municipal Corporations
- Business Research
- Venture Capitalists
- Pharmaceutical and biopharmaceutical companies

Scope of the Report:

This research report categorizes the genomics market into the following segments:

Global Genomics Market, by Product
- Instruments/System
- Consumables
Global Genomics Market, by Technology
- Sequencing
- Microarray technology
- PCR
- Nucleic acid extraction and purification
- Other Applications

Global Genomics Market, by Process
- Library Preparation
- Sequencing and Imaging
- Data Analysis

Global Genomics Market, by Application
- Diagnostics
- Drug Discovery and Development
- Personalized Medicine
- Agriculture and Animal Research
- Other Applications

Global Genomics Market, by End User
- Research Centers, Academic Institutes, and Government Institutes
- Hospitals and Clinics
- Pharmaceutical and Biotechnology Companies
- Other End Users

Global Genomics Market, by Region
- North America
  -- U.S.
  -- Canada
- Europe
  -- Germany
  -- U.K.
  -- Rest of Europe (RoE)
- Asia-Pacific
  -- Japan
  -- China
  -- India
  -- Rest of Asia-Pacific (RoAPAC)
- Rest of the World (RoW)
  -- Latin America
  -- Middle East and Africa

Contents:
1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Market Scope
  1.3.1 Markets Covered
  1.3.2 Years Considered for the Study
1.4 Currency
1.5 Limitations
1.6 Stakeholders

2 Research Methodology
2.1 Research Methodology Steps
2.2 Secondary and Primary Research Methodology
  2.2.1 Secondary Research
    2.2.1.1 Key Data From Secondary Sources
  2.2.2 Primary Research
    2.2.2.1 Key Industry Insights
    2.2.2.2 Key Data From Primary Sources
    2.2.2.3 Key Insights From Primary Sources
2.3 Market Size Estimation Methodology
2.4 Market Forecast Methodology
2.5 Market Data Validation and Triangulation
9.5 Agriculture & Animal Research
9.6 Other Applications

10 Global Genomics Market, By End User
10.1 Introduction
10.2 Research Centers, Academic Institutes, and Government Institutes
10.3 Hospitals and Clinics
10.4 Pharmaceutical & Biotechnology Companies
10.5 Other End Users

11 Global Genomics Market, By Region
11.1 Introduction
11.2 North America
11.2.1 U.S.
11.2.1.1 Research Grants and Funding By Government Institutes
11.2.1.2 U.S. Precision Medicine Initiative
11.2.1.3 Presence of Top Players Together With Their Collaborations, Investments, and Partnerships
11.2.2 Canada
11.2.2.1 The New Pan-Canadian Program in Canada
11.3 Europe
11.3.1 Conferences and Meetings in Europe
11.3.2 U.K.
11.3.2.1 100,000 Genome Project in Uk
11.3.3 Germany
11.3.3.1 Academic Institutes to Boost the Market in Germany
11.3.4 RoE
11.3.4.1 Turkey to Offer Growth Opportunities
11.4 Asia-Pacific
11.4.1 Players Focus on Improving Their Presence in Asia-Pacific
11.4.2 China
11.4.2.1 Western Partnerships in China Aimed at Improving Healthcare
11.4.2.2 BGI's Contribution to Market Growth
11.4.3 India
11.4.3.1 Emergence of Local Players in India Backed By Funding From the Government
11.4.4 Japan
11.4.4.1 Collaborations Between Key Global and Local Players
11.4.5 Rest of Asia-Pacific
11.4.5.1 Alliances and Partnerships in the Market to Boost the Australian Market
11.5 Rest of the World (RoW)
11.5.1 Middle East and Africa
11.5.1.1 Saudi Human Genome Project
11.5.2 Latin America
11.5.2.1 Investments in Research and Innovation Centers and Conferences & Workshops in Brazil

12 Competitive Landscape
12.1 Overview
12.2 Market Share Analysis
12.2.1 Illumina, Inc. (U.S.)
12.2.2 Beijing Genomics Institute (China)
12.2.3 Eurofins Genomics (Germany)
12.2.4 Qiagen N.V. (Netherlands)
12.2.5 Thermo Fisher Scientific, Inc. (U.S.)
12.2.6 Agilent Technologies, Inc. (U.S.)
12.2.7 Affymetrix, Inc. (U.S.)
12.2.8 Other Players
12.3 Competitive Situation and Trends
12.3.1 New Product Launches
12.3.2 Agreements, Contracts, Partnerships, and Collaborations
12.3.3 Acquisitions
12.3.4 Expansions
12.3.5 Other Developments

13 Company Profiles
13.1 Introduction
13.2 Thermo Fisher Scientific, Inc.
13.3 Agilent Technologies, Inc.
13.4 Affymetrix, Inc.
13.5 Beijing Genomics Institute (BGI)
13.6 Bio-Rad Laboratories, Inc.
13.7 Cepheid, Inc.
13.8 Eurofins Genomics, Inc. (Subsidiary of Eurofins Scientific Group)
13.9 GE Healthcare
13.10 Illumina, Inc.
13.11 Qiagen N.V.
13.12 Roche Holding AG

*Details on Financials, Product & Services, Strategy, & Developments Might Not Be Captured in Case of Unlisted Companies.

14 Appendix
14.1 Discussion Guide
14.2.1 Thermo Fisher Scientific, Inc.
14.2.2 Agilent Technologies, Inc.
14.2.3 Affymetrix, Inc.
14.2.4 Beijing Genomics Institute (BGI)
14.2.5 Bio-Rad Laboratories, Inc
14.2.6 Eurofins Genomics, Inc.
14.2.7 Illumina, Inc.
14.2.8 Qiagen N.V.
14.2.9 Roche Holding AG
14.3 Introducing RT: Real-Time Market Intelligence
14.4 Available Customizations
14.5 Related Reports

List of Tables

Table 1 Increasing Government Funding and Growth in the Number of Genomics Projects to Drive the Growth of the Global Market
Table 2 High Cost of Equipment is Restraining the Growth of the Global Genomics Market
Table 3 Use of Genomics in Specialized/Personalized Medicine is A Major Opportunity in the Market
Table 4 Secure Storage of Large Volume of Sequenced Data is A Major Challenge in the Market
Table 5 Genomics Market Size, By Product, 2013-2020 (USD Million)
Table 6 Genomics Instruments/Systems Market Size, By Region, 2013-2020 (USD Million)
Table 7 Genomics Consumables Market Size, By Region, 2013-2020 (USD Million)
Table 8 Genomics Services Market Size, By Region, 2013-2020 (USD Million)
Table 9 Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 10 Market Size for Sequencing, By Region, 2013-2020 (USD Million)
Table 11 Market Size for Microarray Technology, By Region, 2013-2020 (USD Million)
Table 12 Market Size for Polymerase Chain Reaction, By Region, 2013-2020 (USD Million)
Table 13 Market Size for Nucleic Acid Extraction and Purification, By Region, 2013-2020 (USD Million)
Table 14 Market Size for Other Technologies, By Region, 2013-2020 (USD Million)
Table 15 Market Size, By Process, 2013-2020 (USD Million)
Table 16 Genomics Library Preparation Market Size, By Region, 2013-2020 (USD Million)
Table 17 Genomics Sequencing and Imaging Market Size, By Region, 2013-2020 (USD Million)
Table 18 Genomics Data Analysis Market Size, By Region, 2013-2020 (USD Million)
Table 19 Market Size, By Application, 2013-2020 (USD Million)
Table 20 Market Size for Diagnostics, By Region, 2013-2020 (USD Million)
Table 21 Market Size for Drug Discovery and Development, By Region, 2013-2020 (USD Million)
Table 22 Market Size for Personalized Medicine, By Region, 2013-2020 (USD Million)
Table 23 Market Size for Agriculture and Animal Research, By Region, 2013-2020 (USD Million)
Table 24 Other Genomics Applications Market Size, By Region, 2013-2020 (USD Million)
Table 25 Market Size, By End User, 2013-2020 (USD Million)
Table 26 Genomics Market Size for Research Centers, Academic Institutes, and Government Institutes, By
Table 27: Genomics Market Size for Hospitals and Clinics, By Region, 2013-2020 (USD Million)
Table 28: Genomics Market Size for Pharmaceutical and Biotechnology Companies, By Region, 2013-2020 (USD Million)
Table 29: Genomics Market Size for Other End Users, By Region, 2013-2020 (USD Million)
Table 30: Genomics Market Size, By Region, 2013-2020 (USD Million)
Table 31: North America: Genomics Market Size, By Country, 2013-2020 (USD Million)
Table 32: North America: Genomics Market Size, By Products & Services, 2013-2020 (USD Million)
Table 33: North America: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 34: North America: Genomics Market Size, By Process, 2013-2020 (USD Million)
Table 35: North America: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 36: North America: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 37: U.S.: Genomics Market Size, By Products & Services, 2013-2020 (USD Million)
Table 38: U.S.: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 40: U.S.: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 41: U.S.: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 42: Canada: Genomics Market Size, By Products & Services, 2013-2020 (USD Million)
Table 43: Canada: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 44: Canada: Genomics Market Size, By Process, 2013-2020 (USD Million)
Table 45: Canada: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 46: Canada: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 47: Conferences Held in Europe Between 2014 and 2016
Table 48: Europe: Genomics Market Size, By Country, 2013-2020 (USD Million)
Table 49: Europe: Genomics Market Size, By Products & Services, 2013-2020 (USD Million)
Table 50: Europe: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 51: Europe: Genomics Market Size, By Process, 2013-2020 (USD Million)
Table 52: Europe: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 53: Europe: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 54: U.K.: Genomics Market Size, By Products & Services, 2013-2020 (USD Million)
Table 57: U.K.: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 58: U.K.: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 59: Germany: Genomics Market Size, By Products & Services, 2013-2020 (USD Million)
Table 60: Germany: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 61: Germany: Genomics Market Size, By Process, 2013-2020 (USD Million)
Table 62: Germany: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 63: Germany: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 64: RoE: Genomics Market Size, By Products & Services, 2013-2020 (USD Million)
Table 65: RoE: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 66: RoE: Genomics Market Size, By Process, 2013-2020 (USD Million)
Table 67: RoE: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 68: RoE: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 70: Asia-Pacific: Genomics Market Size, By Product and Service, 2013-2020 (USD Million)
Table 71: Asia-Pacific: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 73: Asia-Pacific: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 74: Asia-Pacific: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 75: China: Genomics Market Size, By Product and Service, 2013-2020 (USD Million)
Table 76: China: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 77: China: Genomics Market Size, By Process, 2013-2020 (USD Million)
Table 78: China: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 79: China: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 80: India: Genomics Market Size, By Product and Service, 2013-2020 (USD Million)
Table 81: India: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 82: India: Genomics Market Size, By Process, 2013-2020 (USD Million)
Table 83: India: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 84: India: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 85: Japan: Genomics Market Size, By Product and Service, 2013-2020 (USD Million)
Table 86: Japan: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 87: Japan: Genomics Market Size, By Process, 2013-2020 (USD Million)
Table 88 Japan: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 89 Japan: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 90 RoAPAC: Genomics Market Size, By Product, 2013-2020 (USD Million)
Table 91 RoAPAC: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 92 RoAPAC: Genomics Market Size, By Process, 2013-2020 (USD Million)
Table 93 RoAPAC: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 94 RoAPAC: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 95 RoW: Genomics Market Size, By Country, 2013-2020 (USD Million)
Table 96 RoW: Genomics Market Size, By Product and Service, 2013-2020 (USD Million)
Table 97 RoW: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 98 RoW: Genomics Market Size, By Process, 2013-2020 (USD Million)
Table 99 RoW: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 100 RoW: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 101 Middle East and Africa: Genomics Market Size, By Product and Service, 2013-2020 (USD Million)
Table 102 Middle East and Africa: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 103 Middle East and Africa: Genomics Market Size, By Process, 2013-2020 (USD Million)
Table 104 Middle East and Africa: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 105 Middle East and Africa: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 106 Latin America: Genomics Market Size, By Product and Service, 2013-2020 (USD Million)
Table 107 Latin America: Genomics Market Size, By Technology, 2013-2020 (USD Million)
Table 108 Latin America: Genomics Market Size, By Process, 2013-2020 (USD Million)
Table 109 Latin America: Genomics Market Size, By Application, 2013-2020 (USD Million)
Table 110 Latin America: Genomics Market Size, By End User, 2013-2020 (USD Million)
Table 111 Illumina, Inc.: Sequencer Specifications
Table 112 Illumina, Inc.: Year-On-Year Increase in the Number of Commercial Employees, By Region, 2013
Table 113 New Product Launches, 2012-2015
Table 114 Agreements, Contracts, Partnerships, and Collaborations, 2012-2015
Table 115 Acquisitions, 2012-2015
Table 116 Expansions, 2012-2015
Table 117 Other Developments, 2012-2015

List of Figures

Figure 1 Global Genomics Market: Research Methodology Steps
Figure 2 Sampling Frame: Primary Research
Figure 3 Breakdown of Primary Interviews: By Company Type, Designation, and Region
Figure 4 Market Size Estimation Methodology: Bottom-Up Approach
Figure 5 Market Size Estimation Methodology: Top-Down Approach
Figure 6 Research Design
Figure 7 Data Triangulation Methodology
Figure 8 Consumables Segment to Dominate the Genomics Market in 2015
Figure 9 Research Centers and Academic & Government Institutes to Dominate the Genomics Market in 2015
Figure 10 Sequencing and Imaging Segment to Witness the Highest Growth Rate 2015 to 2020
Figure 11 Diagnostics Segment Will Continue to Dominate the Genomics Market By 2020
Figure 12 North America is Poised to Grow at the Highest CAGR in the Forecast Period
Figure 13 Increasing Research in Genomics—A Major Growth Driver for the Genomics Market From 2015 to 2020
Figure 14 PCR Technology to Witness the Highest Growth During the Forecast Period
Figure 15 Research Centers and Academic & Government Institutes Segment to Dominate the Genomics Market in 2015
Figure 16 Sequencing and Imaging Segment to Grow at the Highest CAGR From 2015 to 2020
Figure 17 North America to Witness Highest Growth Rate in the Forecast Period
Figure 18 Evolution of Genomics
Figure 19 Genomics Market Segmentation
Figure 20 Genomics Market: Drivers, Restraints, Opportunities, & Challenges
Figure 21 Genomics Market, By Product
Figure 22 Genomics Market, By Technology
Figure 23 Genomics Market, By Process
Figure 24 Genomics Market, By Application
Figure 25 Genomics Market, By End User
Figure 26 North America to Command the Largest Share of the Global Genomics Market in 2015
Figure 27 The U.S. to Witness Highest Growth in the North American Genomics Market From 2015 to 2020
Figure 28 European Genomics Market Snapshot
Figure 29 China to Witness Highest Growth in the Apac Genomics Market From 2015 to 2020
Figure 30 Latin America to Witness Highest Growth in the European Genomics Market From 2015 to 2020
Figure 31 New Product Launches Was the Key Growth Strategy Adopted By Market Players Between 2012 and 2015
Figure 32 Battle for Market Share: New Product Launches Was the Key Strategy Adopted By Market Players (2012-2015)
Figure 33 Geographic Revenue Mix of the Top 3 Market Players
Figure 34 Thermo Fisher Scientific, Inc.: Company Snapshot
Figure 35 Agilent Technologies, Inc.: Company Snapshot
Figure 36 Affymetrix, Inc.: Company Snapshot
Figure 37 Bio-Rad Laboratories, Inc.: Company Snapshot
Figure 38 Cepheid, Inc.: Company Snapshot
Figure 39 Eurofins Scientific Group : Company Snapshot
Figure 40 GE Healthcare: Company Snapshot
Figure 41 Illumina, Inc.: Company Snapshot
Figure 42 Qiagen N.V.: Company Snapshot
Figure 43 Roche Holding AG: Company Snapshot

Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Genomics Market by Product (Instruments, Consumables), Technology (Sequencing, PCR, Microarray), Application (Diagnostics, Personalized Medicine), Process (Library Preparation, Sequencing & Imaging), End User - Trends & Global Forecasts to 2020
Web Address: http://www.researchandmarkets.com/reports/3625123/
Office Code: SCDK7I25

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 4650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 7150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 9000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: 

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World