

# Global Digital Genome Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

<https://marketpublishers.com/r/G61EB627F1DEN.html>

Date: November 2018

Pages: 119

Price: US\$ 3,480.00 (Single User License)

ID: G61EB627F1DEN

## Abstracts

Personal genomics is the branch of science giving insight into human metabolism and disease strains based on individual genetic traits with familial genetics playing a contributory role. Segmentation of digital genome market by Component Type comprises hardware, software and services. Digital genomics is an extension to personal genomics banking on intensive study data collated by research and co-relating this factual representation with published literature.

### Scope of the Report:

This report studies the Digital Genome market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Digital Genome market by product type and applications/end industries.

The global digital genome market is driven by increase in chronic diseases, global rise in geriatric population, demand for accuracy in diagnosis and treatment of diseases using digital genome techniques and applications, increased research in genomics, and rise in funding related to digitalization. On February 8, 2016, the National Human Genome Research Institute proposed its novel initiative named Genes, Environment, and Health Initiative (GEI). The aim of this project is to assist the research and development related to better understanding of the genetic contribution and their role in the development of diseases. Funding by government agencies is one of the major drivers of the global digital genome market. For example, the Genomics R&D Initiative (GRDI) based in Canada cooperates with other federal science departments and agencies in the development of genomic research. On the other hand, high costs related with the use of digital genome techniques and products, less awareness about digital genome in developing economies, and side effects related to use of new product

are factors anticipated to hamper market growth.

The global Digital Genome market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Digital Genome.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Umbel

NanoString

BiogeniQ

GenomeMe

Illumina

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Sequencing Services

Sequencing Instruments

Sequencing Consumables

Bioinformatics

Sample Preparation Kits and Reagents

Market Segment by Applications, can be divided into

Diagnostics

Agriculture & Animal Research

Personalized Medicine

Drug Discovery

Treatment Analysis

## Contents

### 1 DIGITAL GENOME MARKET OVERVIEW

#### 1.1 Product Overview and Scope of Digital Genome

#### 1.2 Classification of Digital Genome by Types

##### 1.2.1 Global Digital Genome Revenue Comparison by Types (2017-2023)

##### 1.2.2 Global Digital Genome Revenue Market Share by Types in 2017

##### 1.2.3 Sequencing Services

##### 1.2.4 Sequencing Instruments

##### 1.2.5 Sequencing Consumables

##### 1.2.6 Bioinformatics

##### 1.2.7 Sample Preparation Kits and Reagents

#### 1.3 Global Digital Genome Market by Application

##### 1.3.1 Global Digital Genome Market Size and Market Share Comparison by Applications (2013-2023)

##### 1.3.2 Diagnostics

##### 1.3.3 Agriculture & Animal Research

##### 1.3.4 Personalized Medicine

##### 1.3.5 Drug Discovery

##### 1.3.6 Treatment Analysis

#### 1.4 Global Digital Genome Market by Regions

##### 1.4.1 Global Digital Genome Market Size (Million USD) Comparison by Regions (2013-2023)

##### 1.4.1 North America (USA, Canada and Mexico) Digital Genome Status and Prospect (2013-2023)

##### 1.4.2 Europe (Germany, France, UK, Russia and Italy) Digital Genome Status and Prospect (2013-2023)

##### 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia) Digital Genome Status and Prospect (2013-2023)

##### 1.4.4 South America (Brazil, Argentina, Colombia) Digital Genome Status and Prospect (2013-2023)

##### 1.4.5 Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa) Digital Genome Status and Prospect (2013-2023)

#### 1.5 Global Market Size of Digital Genome (2013-2023)

### 2 MANUFACTURERS PROFILES

#### 2.1 Umbel

- 2.1.1 Business Overview
- 2.1.2 Digital Genome Type and Applications
  - 2.1.2.1 Product A
  - 2.1.2.2 Product B
- 2.1.3 Umbel Digital Genome Revenue, Gross Margin and Market Share (2016-2017)
- 2.2 NanoString
  - 2.2.1 Business Overview
  - 2.2.2 Digital Genome Type and Applications
    - 2.2.2.1 Product A
    - 2.2.2.2 Product B
  - 2.2.3 NanoString Digital Genome Revenue, Gross Margin and Market Share (2016-2017)
- 2.3 BiogeniQ
  - 2.3.1 Business Overview
  - 2.3.2 Digital Genome Type and Applications
    - 2.3.2.1 Product A
    - 2.3.2.2 Product B
  - 2.3.3 BiogeniQ Digital Genome Revenue, Gross Margin and Market Share (2016-2017)
- 2.4 GenomeMe
  - 2.4.1 Business Overview
  - 2.4.2 Digital Genome Type and Applications
    - 2.4.2.1 Product A
    - 2.4.2.2 Product B
  - 2.4.3 GenomeMe Digital Genome Revenue, Gross Margin and Market Share (2016-2017)
- 2.5 Illumina
  - 2.5.1 Business Overview
  - 2.5.2 Digital Genome Type and Applications
    - 2.5.2.1 Product A
    - 2.5.2.2 Product B
  - 2.5.3 Illumina Digital Genome Revenue, Gross Margin and Market Share (2016-2017)

### **3 GLOBAL DIGITAL GENOME MARKET COMPETITION, BY PLAYERS**

- 3.1 Global Digital Genome Revenue and Share by Players (2013-2018)
- 3.2 Market Concentration Rate
  - 3.2.1 Top 5 Digital Genome Players Market Share
  - 3.2.2 Top 10 Digital Genome Players Market Share

### 3.3 Market Competition Trend

## **4 GLOBAL DIGITAL GENOME MARKET SIZE BY REGIONS**

- 4.1 Global Digital Genome Revenue and Market Share by Regions
- 4.2 North America Digital Genome Revenue and Growth Rate (2013-2018)
- 4.3 Europe Digital Genome Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Digital Genome Revenue and Growth Rate (2013-2018)
- 4.5 South America Digital Genome Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Digital Genome Revenue and Growth Rate (2013-2018)

## **5 NORTH AMERICA DIGITAL GENOME REVENUE BY COUNTRIES**

- 5.1 North America Digital Genome Revenue by Countries (2013-2018)
- 5.2 USA Digital Genome Revenue and Growth Rate (2013-2018)
- 5.3 Canada Digital Genome Revenue and Growth Rate (2013-2018)
- 5.4 Mexico Digital Genome Revenue and Growth Rate (2013-2018)

## **6 EUROPE DIGITAL GENOME REVENUE BY COUNTRIES**

- 6.1 Europe Digital Genome Revenue by Countries (2013-2018)
- 6.2 Germany Digital Genome Revenue and Growth Rate (2013-2018)
- 6.3 UK Digital Genome Revenue and Growth Rate (2013-2018)
- 6.4 France Digital Genome Revenue and Growth Rate (2013-2018)
- 6.5 Russia Digital Genome Revenue and Growth Rate (2013-2018)
- 6.6 Italy Digital Genome Revenue and Growth Rate (2013-2018)

## **7 ASIA-PACIFIC DIGITAL GENOME REVENUE BY COUNTRIES**

- 7.1 Asia-Pacific Digital Genome Revenue by Countries (2013-2018)
- 7.2 China Digital Genome Revenue and Growth Rate (2013-2018)
- 7.3 Japan Digital Genome Revenue and Growth Rate (2013-2018)
- 7.4 Korea Digital Genome Revenue and Growth Rate (2013-2018)
- 7.5 India Digital Genome Revenue and Growth Rate (2013-2018)
- 7.6 Southeast Asia Digital Genome Revenue and Growth Rate (2013-2018)

## **8 SOUTH AMERICA DIGITAL GENOME REVENUE BY COUNTRIES**

- 8.1 South America Digital Genome Revenue by Countries (2013-2018)

- 8.2 Brazil Digital Genome Revenue and Growth Rate (2013-2018)
- 8.3 Argentina Digital Genome Revenue and Growth Rate (2013-2018)
- 8.4 Colombia Digital Genome Revenue and Growth Rate (2013-2018)

## **9 MIDDLE EAST AND AFRICA REVENUE DIGITAL GENOME BY COUNTRIES**

- 9.1 Middle East and Africa Digital Genome Revenue by Countries (2013-2018)
- 9.2 Saudi Arabia Digital Genome Revenue and Growth Rate (2013-2018)
- 9.3 UAE Digital Genome Revenue and Growth Rate (2013-2018)
- 9.4 Egypt Digital Genome Revenue and Growth Rate (2013-2018)
- 9.5 Nigeria Digital Genome Revenue and Growth Rate (2013-2018)
- 9.6 South Africa Digital Genome Revenue and Growth Rate (2013-2018)

## **10 GLOBAL DIGITAL GENOME MARKET SEGMENT BY TYPE**

- 10.1 Global Digital Genome Revenue and Market Share by Type (2013-2018)
- 10.2 Global Digital Genome Market Forecast by Type (2018-2023)
- 10.3 Sequencing Services Revenue Growth Rate (2013-2023)
- 10.4 Sequencing Instruments Revenue Growth Rate (2013-2023)
- 10.5 Sequencing Consumables Revenue Growth Rate (2013-2023)
- 10.6 Bioinformatics Revenue Growth Rate (2013-2023)
- 10.7 Sample Preparation Kits and Reagents Revenue Growth Rate (2013-2023)

## **11 GLOBAL DIGITAL GENOME MARKET SEGMENT BY APPLICATION**

- 11.1 Global Digital Genome Revenue Market Share by Application (2013-2018)
- 11.2 Digital Genome Market Forecast by Application (2018-2023)
- 11.3 Diagnostics Revenue Growth (2013-2018)
- 11.4 Agriculture & Animal Research Revenue Growth (2013-2018)
- 11.5 Personalized Medicine Revenue Growth (2013-2018)
- 11.6 Drug Discovery Revenue Growth (2013-2018)
- 11.7 Treatment Analysis Revenue Growth (2013-2018)

## **12 GLOBAL DIGITAL GENOME MARKET SIZE FORECAST (2018-2023)**

- 12.1 Global Digital Genome Market Size Forecast (2018-2023)
- 12.2 Global Digital Genome Market Forecast by Regions (2018-2023)
- 12.3 North America Digital Genome Revenue Market Forecast (2018-2023)
- 12.4 Europe Digital Genome Revenue Market Forecast (2018-2023)

12.5 Asia-Pacific Digital Genome Revenue Market Forecast (2018-2023)

12.6 South America Digital Genome Revenue Market Forecast (2018-2023)

12.7 Middle East and Africa Digital Genome Revenue Market Forecast (2018-2023)

## **13 RESEARCH FINDINGS AND CONCLUSION**

## **14 APPENDIX**

14.1 Methodology

14.2 Data Source

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Digital Genome Picture

Table Product Specifications of Digital Genome

Table Global Digital Genome and Revenue (Million USD) Market Split by Product Type

Figure Global Digital Genome Revenue Market Share by Types in 2017

Figure Sequencing Services Picture

Figure Sequencing Instruments Picture

Figure Sequencing Consumables Picture

Figure Bioinformatics Picture

Figure Sample Preparation Kits and Reagents Picture

Table Global Digital Genome Revenue (Million USD) by Application (2013-2023)

Figure Digital Genome Revenue Market Share by Applications in 2017

Figure Diagnostics Picture

Figure Agriculture & Animal Research Picture

Figure Personalized Medicine Picture

Figure Drug Discovery Picture

Figure Treatment Analysis Picture

Table Global Market Digital Genome Revenue (Million USD) Comparison by Regions 2013-2023

Figure North America Digital Genome Revenue (Million USD) and Growth Rate (2013-2023)

Figure Europe Digital Genome Revenue (Million USD) and Growth Rate (2013-2023)

Figure Asia-Pacific Digital Genome Revenue (Million USD) and Growth Rate (2013-2023)

Figure South America Digital Genome Revenue (Million USD) and Growth Rate (2013-2023)

Figure Middle East and Africa Digital Genome Revenue (Million USD) and Growth Rate (2013-2023)

Figure Global Digital Genome Revenue (Million USD) and Growth Rate (2013-2023)

Table Umbel Basic Information, Manufacturing Base and Competitors

Table Umbel Digital Genome Type and Applications

Table Umbel Digital Genome Revenue, Gross Margin and Market Share (2016-2017)

Table NanoString Basic Information, Manufacturing Base and Competitors

Table NanoString Digital Genome Type and Applications

Table NanoString Digital Genome Revenue, Gross Margin and Market Share (2016-2017)

Table BiogeniQ Basic Information, Manufacturing Base and Competitors  
Table BiogeniQ Digital Genome Type and Applications  
Table BiogeniQ Digital Genome Revenue, Gross Margin and Market Share (2016-2017)  
Table GenomeMe Basic Information, Manufacturing Base and Competitors  
Table GenomeMe Digital Genome Type and Applications  
Table GenomeMe Digital Genome Revenue, Gross Margin and Market Share (2016-2017)  
Table Illumina Basic Information, Manufacturing Base and Competitors  
Table Illumina Digital Genome Type and Applications  
Table Illumina Digital Genome Revenue, Gross Margin and Market Share (2016-2017)  
Table Global Digital Genome Revenue (Million USD) by Players (2013-2018)  
Table Global Digital Genome Revenue Share by Players (2013-2018)  
Figure Global Digital Genome Revenue Share by Players in 2016  
Figure Global Digital Genome Revenue Share by Players in 2017  
Figure Global Top 5 Players Digital Genome Revenue Market Share in 2017  
Figure Global Top 10 Players Digital Genome Revenue Market Share in 2017  
Figure Global Digital Genome Revenue (Million USD) and Growth Rate (%) (2013-2018)  
Table Global Digital Genome Revenue (Million USD) by Regions (2013-2018)  
Table Global Digital Genome Revenue Market Share by Regions (2013-2018)  
Figure Global Digital Genome Revenue Market Share by Regions (2013-2018)  
Figure Global Digital Genome Revenue Market Share by Regions in 2017  
Figure North America Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Europe Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Asia-Pacific Digital Genome Revenue and Growth Rate (2013-2018)  
Figure South America Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Middle East and Africa Digital Genome Revenue and Growth Rate (2013-2018)  
Table North America Digital Genome Revenue by Countries (2013-2018)  
Table North America Digital Genome Revenue Market Share by Countries (2013-2018)  
Figure North America Digital Genome Revenue Market Share by Countries (2013-2018)  
Figure North America Digital Genome Revenue Market Share by Countries in 2017  
Figure USA Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Canada Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Mexico Digital Genome Revenue and Growth Rate (2013-2018)  
Table Europe Digital Genome Revenue (Million USD) by Countries (2013-2018)  
Figure Europe Digital Genome Revenue Market Share by Countries (2013-2018)  
Figure Europe Digital Genome Revenue Market Share by Countries in 2017  
Figure Germany Digital Genome Revenue and Growth Rate (2013-2018)  
Figure UK Digital Genome Revenue and Growth Rate (2013-2018)

Figure France Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Russia Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Italy Digital Genome Revenue and Growth Rate (2013-2018)  
Table Asia-Pacific Digital Genome Revenue (Million USD) by Countries (2013-2018)  
Figure Asia-Pacific Digital Genome Revenue Market Share by Countries (2013-2018)  
Figure Asia-Pacific Digital Genome Revenue Market Share by Countries in 2017  
Figure China Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Japan Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Korea Digital Genome Revenue and Growth Rate (2013-2018)  
Figure India Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Southeast Asia Digital Genome Revenue and Growth Rate (2013-2018)  
Table South America Digital Genome Revenue by Countries (2013-2018)  
Table South America Digital Genome Revenue Market Share by Countries (2013-2018)  
Figure South America Digital Genome Revenue Market Share by Countries (2013-2018)  
Figure South America Digital Genome Revenue Market Share by Countries in 2017  
Figure Brazil Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Argentina Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Colombia Digital Genome Revenue and Growth Rate (2013-2018)  
Table Middle East and Africa Digital Genome Revenue (Million USD) by Countries (2013-2018)  
Table Middle East and Africa Digital Genome Revenue Market Share by Countries (2013-2018)  
Figure Middle East and Africa Digital Genome Revenue Market Share by Countries (2013-2018)  
Figure Middle East and Africa Digital Genome Revenue Market Share by Countries in 2017  
Figure Saudi Arabia Digital Genome Revenue and Growth Rate (2013-2018)  
Figure UAE Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Egypt Digital Genome Revenue and Growth Rate (2013-2018)  
Figure Nigeria Digital Genome Revenue and Growth Rate (2013-2018)  
Figure South Africa Digital Genome Revenue and Growth Rate (2013-2018)  
Table Global Digital Genome Revenue (Million USD) by Type (2013-2018)  
Table Global Digital Genome Revenue Share by Type (2013-2018)  
Figure Global Digital Genome Revenue Share by Type (2013-2018)  
Figure Global Digital Genome Revenue Share by Type in 2017  
Table Global Digital Genome Revenue Forecast by Type (2018-2023)  
Figure Global Digital Genome Market Share Forecast by Type (2018-2023)  
Figure Global Sequencing Services Revenue Growth Rate (2013-2018)

Figure Global Sequencing Instruments Revenue Growth Rate (2013-2018)  
Figure Global Sequencing Consumables Revenue Growth Rate (2013-2018)  
Figure Global Bioinformatics Revenue Growth Rate (2013-2018)  
Figure Global Sample Preparation Kits and Reagents Revenue Growth Rate (2013-2018)  
Table Global Digital Genome Revenue by Application (2013-2018)  
Table Global Digital Genome Revenue Share by Application (2013-2018)  
Figure Global Digital Genome Revenue Share by Application (2013-2018)  
Figure Global Digital Genome Revenue Share by Application in 2017  
Table Global Digital Genome Revenue Forecast by Application (2018-2023)  
Figure Global Digital Genome Market Share Forecast by Application (2018-2023)  
Figure Global Diagnostics Revenue Growth Rate (2013-2018)  
Figure Global Agriculture & Animal Research Revenue Growth Rate (2013-2018)  
Figure Global Personalized Medicine Revenue Growth Rate (2013-2018)  
Figure Global Drug Discovery Revenue Growth Rate (2013-2018)  
Figure Global Treatment Analysis Revenue Growth Rate (2013-2018)  
Figure Global Digital Genome Revenue (Million USD) and Growth Rate Forecast (2018-2023)  
Table Global Digital Genome Revenue (Million USD) Forecast by Regions (2018-2023)  
Figure Global Digital Genome Revenue Market Share Forecast by Regions (2018-2023)  
Figure North America Digital Genome Revenue Market Forecast (2018-2023)  
Figure Europe Digital Genome Revenue Market Forecast (2018-2023)  
Figure Asia-Pacific Digital Genome Revenue Market Forecast (2018-2023)  
Figure South America Digital Genome Revenue Market Forecast (2018-2023)  
Figure Middle East and Africa Digital Genome Revenue Market Forecast (2018-2023)

## I would like to order

Product name: Global Digital Genome Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

Product link: <https://marketpublishers.com/r/G61EB627F1DEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G61EB627F1DEN.html>