

Next generation Sequencing Market - Forecasts from 2018 to 2023

<https://marketpublishers.com/r/N467F34F592EN.html>

Date: March 2018

Pages: 98

Price: US\$ 4,200.00 (Single User License)

ID: N467F34F592EN

Abstracts

Next generation sequencing market is projected to expand at a CAGR of 20.21%, to grow from US\$4.374 billion in 2017 to US\$13.198 billion by 2023. The global demand for next-generation sequencing (NGS) products and services is highly driven by an increase in the application of NGS, technological advancement in NGS technology, increase in genome mapping programs, and surge in collaborations and partnerships resulting in high investments in R&D in NGS technology. The efficient replacement of traditional technologies (microarrays), cost efficiency, speed and accuracy of technology along with the rise in the application in drug discovery will aid to the global next-generation sequencing demand growth over next five years. However, lack of skilled professionals, interpretation of complex data, and legal and ethical issues are expected to hinder the NGS market growth.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical regions. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations, press releases and journals among others have been taken into consideration while

conducting the secondary research. Both bottom-up and top down approaches have been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the pressure sensors value chain. The last step involves complete market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the market.

Major industry players profiled as part of the report are Roche Holding AG, Agilent Technologies, Thermo Fisher Scientific, Beijing Genomics Institute, GATC Biotech AG, and Pacific Biosciences of California, Inc. among others.

SEGMENTATION

The next generation sequencing market has been analyzed through following segments:

By Product and Services

Sequencing Systems

Consumables

Software

Sequencing Services and Analysis

By Technology

Sequencing by Synthesis

ION Torrent Sequencing

Nanopore Sequencing

Others

By Application

Agriculture and Animal Research

Biomarker Discovery

Drug Discovery

Diagnostics

Precision Medicine

By Geography

North America

USA

Canada

Mexico

Others

South America

Brazil

Argentina

Others

Europe

Germany

France

United Kingdom

Spain

Others

Middle East and Africa

UAE

Israel

South Africa

Others

Asia Pacific

China

Japan

India

South Korea

Others

Contents

1. INTRODUCTION

- 1.1. Market Overview
- 1.2. Market Definition
- 1.3. Scope of the Study
- 1.4. Currency
- 1.5. Assumptions
- 1.6. Base, and Forecast Years Timeline

2. RESEARCH METHODOLOGY

- 2.1. Research Design
- 2.2. Secondary Sources

3. EXECUTIVE SUMMARY

4. MARKET DYNAMICS

- 4.1. Market Segmentation
- 4.2. Market Drivers
- 4.3. Market Restraints
- 4.4. Market Opportunities
- 4.5. Porter's Five Force Analysis
 - 4.5.1. Bargaining Power of Suppliers
 - 4.5.2. Bargaining Power of Buyers
 - 4.5.3. Threat of New Entrants
 - 4.5.4. Threat of Substitutes
 - 4.5.5. Competitive Rivalry in the Industry
- 4.6. Life Cycle Analysis - Regional Snapshot
- 4.7. Market Attractiveness

5. NEXT GENERATION SEQUENCING MARKET BY PRODUCTS AND SERVICES

- 5.1. Sequencing Systems
- 5.2. Consumables
- 5.3. Software
- 5.4. Sequencing Services and Analysis

6. NEXT GENERATION SEQUENCING MARKET BY TECHNOLOGY

- 6.1. Sequencing by Synthesis
- 6.2. ION Torrent Sequencing
- 6.3. Nanopore Sequencing
- 6.4. Others

7. NEXT GENERATION SEQUENCING MARKET BY APPLICATION

- 7.1. Agriculture and Animal Research
- 7.2. Biomarker Discovery
- 7.3. Drug Discovery
- 7.4. Diagnostics
- 7.5. Precision Medicine

8. NEXT GENERATION SEQUENCING MARKET BY GEOGRAPHY

- 8.1. North America
 - 8.1.1. USA
 - 8.1.2. Canada
 - 8.1.3. Mexico
 - 8.1.4. Others
- 8.2. South America
 - 8.2.1. Brazil
 - 8.2.2. Argentina
 - 8.2.3. Others
- 8.3. Europe
 - 8.3.1. Germany
 - 8.3.2. France
 - 8.3.3. United Kingdom
 - 8.3.4. Spain
 - 8.3.5. Others
- 8.4. Middle East and Africa
 - 8.4.1. UAE
 - 8.4.2. Israel
 - 8.4.3. South Africa
 - 8.4.4. Others
- 8.5. Asia Pacific

- 8.5.1. China
- 8.5.2. Japan
- 8.5.3. India
- 8.5.4. South Korea
- 8.5.5. Others

9. COMPETITIVE INTELLIGENCE

- 9.1. Market Share Analysis
- 9.2. Investment Analysis
- 9.3. Recent Deals
- 9.4. Strategies of Key Players

10. COMPANY PROFILES

- 10.1. Roche Holding AG
 - 10.1.1. Company Overview
 - 10.1.2. Financials
 - 10.1.3. Products and Services
 - 10.1.4. Recent Developments
- 10.2. Agilent Technologies
 - 10.2.1. Company Overview
 - 10.2.2. Financials
 - 10.2.3. Products and Services
 - 10.2.4. Recent Developments
- 10.3. Illumina, Inc.
 - 10.3.1. Company Overview
 - 10.3.2. Financials
 - 10.3.3. Products and Services
 - 10.3.4. Recent Developments
- 10.4. Thermo Fisher Scientific
 - 10.4.1. Company Overview
 - 10.4.2. Financials
 - 10.4.3. Products and Services
 - 10.4.4. Recent Developments
- 10.5. MacroGen, Inc.
 - 10.5.1. Company Overview
 - 10.5.2. Financials
 - 10.5.3. Products and Services

- 10.5.4. Recent Developments
- 10.6. Beijing Genomics Institute
 - 10.6.1. Company Overview
 - 10.6.2. Financials
 - 10.6.3. Products and Services
 - 10.6.4. Recent Developments
- 10.7. Qiagen
 - 10.7.1. Company Overview
 - 10.7.2. Financials
 - 10.7.3. Products and Services
 - 10.7.4. Recent Developments
- 10.8. DNASTAR
 - 10.8.1. Company Overview
 - 10.8.2. Financials
 - 10.8.3. Products and Services
 - 10.8.4. Recent Developments
- 10.9. GATC Biotech AG
 - 10.9.1. Company Overview
 - 10.9.2. Financials
 - 10.9.3. Products and Services
 - 10.9.4. Recent Developments
- 10.10. Pacific Biosciences of California, Inc.
 - 10.10.1. Company Overview
 - 10.10.2. Financials
 - 10.10.3. Products and Services
 - 10.10.4. Recent Developments

I would like to order

Product name: Next generation Sequencing Market - Forecasts from 2018 to 2023

Product link: <https://marketpublishers.com/r/N467F34F592EN.html>

Price: US\$ 4,200.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N467F34F592EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970