

Targeted DNA/RNA Sequencing Market Analysis By Technology (NGS, Exome Sequencing Seq., Enrichment Seq., Amplicon Seq., Sanger Seq.), By Workflow, By Application, By Type, By End-use, And Segment Forecasts, 2014 - 2025

<https://marketpublishers.com/r/TB7A652D5A5EN.html>

Date: September 2017

Pages: 210

Price: US\$ 5,950.00 (Single User License)

ID: TB7A652D5A5EN

Abstracts

The global targeted DNA/RNA sequencing market is expected to reach USD 15.9 billion by 2025, according to a new report by Grand View Research, Inc. Targeted Sequencing has emerged as a key technology in life science research by enabling examination of specific region of interest while keeping the seq. cost as well as complexity of data under manageable limits.

This approach enhances sequencing depth by allowing evaluation of specific coding regions within genes or specific genes, which are known to harbor mutations for disease pathogenesis. Several research projects have employed this technology to avoid wastage of information and extra cost and study only relevant genes. Number of such projects continue to grow, consequently driving the market.

Innovations to address the pitfalls of targeted enrichment method are anticipated to enhance the usage rate of this technology throughout the forecast period. Moreover, with decrease in seq-cost and improvement in informatics, targeted methods have become more accessible for use in clinical settings than ever.

Further key findings from the report suggest:

Next-Generation Sequencing (NGS) technology captured a major share in 2016

Rapid advancements in NGS and its ancillary protocols can be attributed to the

growth of this segment

Out of all the NGS-based targeted methods, exome-seq held the largest share

This can be attributed to the fact that though it accounts for less than 2% of the genome, it contains 85% of the known disease-relevant variants

Entire targeted approach is broken down into presequencing, sequence determination, and data analysis

Being the most crucial step, sequencing accounted for the largest share

This space has revolutionized various applications of life sciences, including human biomedical research, plant & animal sciences, drug discovery, and others

Out of all, human biomedical research is estimated to be the largest application of this space due its high usage in studying disease pathogenesis

The market is bifurcated into DNA-seq and RNA-seq, based on the sample type

DNA-sequencing has been estimated to generate the higher revenue over its counterpart segment. This can be attributed to the presence of wide range of products and kits for DNA-seq

As per end use, academic research is estimated to be the largest segment owing to the increase in seq-based projects at universities and other academic centers

North America held the largest share owing to the presence of effective regulations pertaining to approval of genetic tests and bioinformatics tools

Moreover, the U.S. is observed to have highest number of installed sequencers, which in turn, has contributed to the large share of North America regional market

Asia Pacific is expected to emerge as the fastest growing regional market

Rise in genome-based projects coupled with constant GDP growth in Asian

countries is expected to drive the Asia Pacific market

Illumina, Inc.; F. Hoffmann-La Roche Ltd; QIAGEN, Thermo Fisher Scientific, Inc.; and Oxford Nanopore Technologies are some of the major companies operating in this space

Contents

CHAPTER 1 RESEARCH METHODOLOGY

- 1.1 Information Procurement
 - 1.1.1 Purchased Database
 - 1.1.2 GVR's Internal Database
- 1.2 Data Analysis
- 1.3 Market Formulation & Validation
- 1.4 Approaches for Market Estimation
 - 1.4.1 Approach 1: Commodity Flow & Bottom Up Approach
 - 1.4.2 Approach 2: Top Down and Parent Market Analysis

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Market Snapshot

CHAPTER 3 TARGETED DNA/RNA SEQUENCING MARKET VARIABLES, TRENDS & SCOPE

- 3.1 Market Segmentation & Scope
 - 3.1.1 Market driver analysis
 - 3.1.1.1 Cost-saving advantages pertaining to the adoption of targeted sequencing approach as well as plummeting sequencing cost
 - 3.1.1.2 Advantages associated with targeted gene panels and amplicon sequencing
 - 3.1.1.3 Technological advancements in sequencing technology and related ancillary protocols
 - 3.1.1.3.1 Advancements to perform sequencing in less time
 - 3.1.1.3.2 Introduction of digital next generation sequencing technology
 - 3.1.1.4 Rising number of targeted sequencing-based research projects and consequent popularity growth of genomic medicine
 - 3.1.2 Market restraint analysis
 - 3.1.2.1 Challenges in handling & managing sequencing technologies in developing countries
 - 3.1.2.1.1 High cost associated with installation & maintenance of sequencing facility
 - 3.1.2.1.2 Lack of skilled & trained personnel
 - 3.1.2.1.3 Limited access to tools for genomic data manipulation and analysis
 - 3.1.2.1.4 Weak regulatory framework
 - 3.1.2.2 Bioinformatic challenges associated with sequencing technologies

- 3.2 Penetration & Growth Prospect Mapping For End-use, 2016
- 3.3 Targeted DNA/RNA Sequencing-Swot Analysis, By Factor (Political & Legal, Economic And Technological)
- 3.4 Industry Analysis - Porter's

CHAPTER 4 TARGETED DNA/RNA SEQUENCING: TECHNOLOGY ESTIMATES & TREND ANALYSIS

- 4.1 Global Targeted DNA/RNA Sequencing Market: Technology Movement Analysis
- 4.2 NGS
 - 4.2.1 Global NGS market, 2014 - 2025 (USD Million)
 - 4.2.2 Global NGS Targeted DNA/RNA Sequencing Market, by Methods
 - 4.2.2.1 Exome sequencing
 - 4.2.2.1.1 Global exome sequencing market, 2014 - 2025 (USD Million)
 - 4.2.2.2 Enrichment sequencing
 - 4.2.2.2.1 Global enrichment sequencing market, 2014 - 2025 (USD Million)
 - 4.2.2.3 Amplicon sequencing
 - 4.2.2.3.1 Global amplicon sequencing market, 2014 - 2025 (USD Million)
 - 4.2.2.4 Others
 - 4.2.2.4.1 Global other NGS-based methods market, 2014 - 2025 (USD Million)
 - 4.2.3 Global NGS Targeted DNA/RNA Sequencing Market, by Applications
 - 4.2.3.1 Cancer gene sequencing
 - 4.2.3.1.1 Global cancer gene sequencing market, 2014 - 2025 (USD Million)
 - 4.2.3.2 Inherited disease screening
 - 4.2.3.2.1 Global inherited disease screening market, 2014 - 2025 (USD Million)
 - 4.2.3.3 Drug development
 - 4.2.3.3.1 Global drug development market, 2014 - 2025 (USD Million)
 - 4.2.3.4 Forensic genomics
 - 4.2.3.4.1 Global forensic genomics market, 2014 - 2025 (USD Million)
 - 4.2.3.5 16S ribosomal RNA (rRNA) sequencing
 - 4.2.3.5.1 Global 16S ribosomal RNA (rRNA) sequencing market, 2014 - 2025 (USD Million)
- 4.3 Others
 - 4.3.1 Global others market, 2014 - 2025 (USD Million)

CHAPTER 5 TARGETED DNA/RNA SEQUENCING: WORKFLOW ESTIMATES & TREND ANALYSIS

- 5.1 Global Targeted DNA/RNA Sequencing Market: Workflow Movement Analysis

5.2 Pre-sequencing

5.2.1 Global pre-sequencing market, 2014 - 2025 (USD Million)

5.3 Sequencing

5.3.1 Global sequencing market, 2014 - 2025 (USD Million)

5.4 Data Analysis

5.4.1 Global data analysis market, 2014 - 2025 (USD Million)

CHAPTER 6 TARGETED DNA/RNA SEQUENCING: APPLICATION ESTIMATES & TREND ANALYSIS

6.1 Global Targeted DNA/RNA Sequencing Market: Application Movement Analysis

6.2 Human Biomedical Research

6.2.1 Global human biomedical research market, 2014 - 2025 (USD Million)

6.3 Plant & Animal Sciences

6.3.1 Global plant & animal sciences market, 2014 - 2025 (USD Million)

6.4 Drug Discovery

6.4.1 Global drug discovery market, 2014 - 2025 (USD Million)

6.5 Others

6.5.1 Global others market, 2014 - 2025 (USD Million)

CHAPTER 7 TARGETED DNA/RNA SEQUENCING: TYPE ESTIMATES & TREND ANALYSIS

7.1 Global Targeted DNA/RNA Sequencing Market: Type Movement Analysis

7.2 DNA Based Targeted Sequencing

7.2.1 Global DNA based targeted sequencing market, 2014 - 2025 (USD Million)

7.3 RNA Based Targeted Sequencing

7.3.1 Global RNA based targeted sequencing market, 2014 - 2025 (USD Million)

CHAPTER 8 TARGETED DNA/RNA SEQUENCING: END-USE ESTIMATES & TREND ANALYSIS

8.1 Global Targeted DNA/RNA Sequencing Market: End-use Movement Analysis

8.2 Academic Research

8.2.1 Global academic research market, 2014-2025 (USD Million)

8.3 Hospitals & Clinics

8.3.1 Global hospitals & clinics market, 2014 - 2025 (USD Million)

8.4 Pharma & Biotech Entities

8.4.1 Global pharma & biotech entities market, 2014 - 2025 (USD Million)

8.5 Other

8.5.1 Global other end-use market, 2014 - 2025 (USD Million)

CHAPTER 9 TARGETED DNA/RNA SEQUENCING: REGIONAL ESTIMATES & TREND ANALYSIS, BY S TECHNOLOGY, WORKFLOW, APPLICATION, TYPE, AND END-USE

9.1 Targeted DNA/RNA Sequencing Market Share By Region, 2016 & 2025

9.2 North America

9.2.1 North America targeted DNA/RNA sequencing market, 2014 - 2025 (USD Million)

9.2.2 U.S.

9.2.2.1 U.S. targeted DNA/RNA Sequencing market, by technology, 2014 - 2025 (USD Million)

9.2.2.2 U.S. targeted DNA/RNA Sequencing market, by workflow, 2014 - 2025 (USD Million)

9.2.2.3 U.S. targeted DNA/RNA Sequencing market, by application, 2014 - 2025 (USD Million)

9.2.2.4 U.S. targeted DNA/RNA Sequencing market, by type, 2014 - 2025 (USD Million)

9.2.2.5 U.S. targeted DNA/RNA Sequencing market, by end-use, 2014 - 2025 (USD Million)

9.2.3 Canada

9.2.3.1 Canada targeted DNA/RNA Sequencing market, by technology, 2014 - 2025 (USD Million)

9.2.3.2 Canada targeted DNA/RNA Sequencing market, by workflow, 2014 - 2025 (USD Million)

9.2.3.3 Canada targeted DNA/RNA Sequencing market, by application, 2014 - 2025 (USD Million)

9.2.3.4 Canada targeted DNA/RNA Sequencing market, by type, 2014 - 2025 (USD Million)

9.2.3.5 Canada targeted DNA/RNA Sequencing market, by end-use, 2014 - 2025 (USD Million)

9.3 Europe

9.3.1 Europe targeted DNA/RNA sequencing market, 2014 - 2025 (USD Million)

9.3.2 Germany

9.3.2.1 Germany targeted DNA/RNA Sequencing market, by technology, 2014 - 2025 (USD Million)

9.3.2.2 Germany targeted DNA/RNA Sequencing market, by workflow, 2014 - 2025 (USD Million)

9.3.2.3 Germany targeted DNA/RNA Sequencing market, by application, 2014 - 2025 (USD Million)

9.3.2.4 Germany targeted DNA/RNA Sequencing market, by type, 2014 - 2025 (USD Million)

9.3.2.5 Germany targeted DNA/RNA Sequencing market, by end-use, 2014 - 2025 (USD Million)

9.3.3 UK

9.3.3.1 UK targeted DNA/RNA Sequencing market, by technology, 2014 - 2025 (USD Million)

9.3.3.2 UK targeted DNA/RNA Sequencing market, by workflow, 2014 - 2025 (USD Million)

9.3.3.3 UK targeted DNA/RNA Sequencing market, by application, 2014 - 2025 (USD Million)

9.3.3.4 UK targeted DNA/RNA Sequencing market, by type, 2014 - 2025 (USD Million)

9.3.3.5 UK targeted DNA/RNA Sequencing market, by end-use, 2014 - 2025 (USD Million)

9.4 Asia Pacific

9.4.1 Asia Pacific targeted DNA/RNA Sequencing market, 2014 - 2025 (USD Million)

9.4.2 China

9.4.2.1 China targeted DNA/RNA Sequencing market, by technology, 2014 - 2025 (USD Million)

9.4.2.2 China targeted DNA/RNA Sequencing market, by workflow, 2014 - 2025 (USD Million)

9.4.2.3 China targeted DNA/RNA Sequencing market, by application, 2014 - 2025 (USD Million)

9.4.2.4 China targeted DNA/RNA Sequencing market, by type, 2014 - 2025 (USD Million)

9.4.2.5 China targeted DNA/RNA Sequencing market, by end-use, 2014 - 2025 (USD Million)

9.4.3 Japan

9.4.3.1 Japan targeted DNA/RNA Sequencing market, by technology, 2014 - 2025 (USD Million)

9.4.3.2 Japan targeted DNA/RNA Sequencing market, by workflow, 2014 - 2025 (USD Million)

9.4.3.3 Japan targeted DNA/RNA Sequencing market, by application, 2014 - 2025 (USD Million)

9.4.3.4 Japan targeted DNA/RNA Sequencing market, by type, 2014 - 2025 (USD Million)

9.4.3.5 Japan targeted DNA/RNA Sequencing market, by end-use, 2014 - 2025 (USD Million)

9.5 Latin America

9.5.1 Latin America targeted DNA/RNA Sequencing market, 2014-2025 (USD Million)

9.5.2 Brazil

9.5.2.1 Brazil targeted DNA/RNA Sequencing market, by technology, 2014 - 2025 (USD Million)

9.5.2.2 Brazil targeted DNA/RNA Sequencing market, by workflow, 2014 - 2025 (USD Million)

9.5.2.3 Brazil targeted DNA/RNA Sequencing market, by application, 2014 - 2025 (USD Million)

9.5.2.4 Brazil targeted DNA/RNA Sequencing market, by type, 2014 - 2025 (USD Million)

9.5.2.5 Brazil targeted DNA/RNA Sequencing market, by end-use, 2014 - 2025 (USD Million)

9.6 Middle East & Africa (MEA)

9.6.1 Middle East & Africa targeted DNA/RNA Sequencing market, 2014 - 2025 (USD Million)

9.6.2 South Africa

9.6.2.1 South Africa targeted DNA/RNA Sequencing market, by technology, 2014 - 2025 (USD Million)

9.6.2.2 South Africa targeted DNA/RNA Sequencing market, by workflow, 2014 - 2025 (USD Million)

9.6.2.3 South Africa targeted DNA/RNA Sequencing market, by application, 2014 - 2025 (USD Million)

9.6.2.4 South Africa targeted DNA/RNA Sequencing market, by type, 2014 - 2025 (USD Million)

9.6.2.5 South Africa targeted DNA/RNA Sequencing market, by end-use, 2014 - 2025 (USD Million)

CHAPTER 10 COMPETITIVE LANDSCAPE

10.1 List Of Companies

10.2 Strategy Framework

10.3 Market Participation Categorization

10.4 Company Profiles

10.4.1 Illumina, Inc.

10.4.1.1 Company Overview

10.4.1.2 Financial Performance

- 10.4.1.3 Product Benchmarking
- 10.4.1.4 Strategic Initiatives
- 10.4.2 F. Hoffmann-La Roche Ltd
 - 10.4.2.1 Company Overview
 - 10.4.2.2 Financial Performance
 - 10.4.2.3 Product Benchmarking
 - 10.4.2.4 Strategic Initiatives
- 10.4.3 Agilent Technologies
 - 10.4.3.1 Company Overview
 - 10.4.3.2 Financial Performance
 - 10.4.3.3 Product Benchmarking
 - 10.4.3.4 Strategic Initiatives
- 10.4.4 PierianDx
 - 10.4.4.1 Company Overview
 - 10.4.4.1.1 Tute Genomics
 - 10.4.4.1.2 Knome Inc.
 - 10.4.4.2 Financial Performance
 - 10.4.4.3 Product Benchmarking
 - 10.4.4.4 Strategic Initiatives
- 10.4.5 Genomatix GmbH
 - 10.4.5.1 Company Overview
 - 10.4.5.2 Financial Performance
 - 10.4.5.3 Product Benchmarking
 - 10.4.5.4 Strategic Initiatives
- 10.4.6 GATC Biotech Ag
 - 10.4.6.1 Company Overview
 - 10.4.6.2 Financial Performance
 - 10.4.6.3 Product Benchmarking
 - 10.4.6.4 Strategic Initiatives
- 10.4.7 Oxford Nanopore Technologies
 - 10.4.7.1 Company Overview
 - 10.4.7.2 Financial Performance
 - 10.4.7.3 Product Benchmarking
 - 10.4.7.4 Strategic Initiatives
- 10.4.8 Macrogen, Inc.
 - 10.4.8.1 Company Overview
 - 10.4.8.2 Financial Performance
 - 10.4.8.3 Product Benchmarking
 - 10.4.8.4 Strategic Initiatives

- 10.4.9 Thermo Fisher Scientific, Inc.
 - 10.4.9.1 Company Overview
 - 10.4.9.1.1 Life Technologies Corp.
 - 10.4.9.2 Financial Performance
 - 10.4.9.3 Product Benchmarking
 - 10.4.9.4 Strategic Initiatives
- 10.4.10 DNASTAR Inc.
 - 10.4.10.1 Company Overview
 - 10.4.10.2 Financial Performance
 - 10.4.10.3 Product Benchmarking
 - 10.4.10.4 Strategic Initiatives
- 10.4.11 QIAGEN
 - 10.4.11.1 Company Overview
 - 10.4.11.1.1 Ingenuity
 - 10.4.11.1.2 CLC Bio
 - 10.4.11.2 Financial Performance
 - 10.4.11.3 Financial Performance
 - 10.4.11.4 Product Benchmarking
 - 10.4.11.5 Strategic Initiatives
- 10.4.12 BGI
 - 10.4.12.1 Company Overview
 - 10.4.12.1.1 Complete Genomics Incorporated
 - 10.4.12.2 Financial Performance
 - 10.4.12.3 Product Benchmarking
 - 10.4.12.4 Strategic Initiatives
- 10.4.13 Perkin Elmer, Inc.
 - 10.4.13.1 Company Overview
 - 10.4.13.2 Financial Performance
 - 10.4.13.3 Product Benchmarking
 - 10.4.13.4 Strategic Initiatives
- 10.4.14 Pacific Biosciences of California, Inc.
 - 10.4.14.1 Company Overview
 - 10.4.14.2 Financial Performance
 - 10.4.14.3 Product Benchmarking
 - 10.4.14.4 Strategic Initiatives
- 10.4.15 Bio-Rad Laboratories, Inc.
 - 10.4.15.1 Company Overview
 - 10.4.15.2 GnuBIO
 - 10.4.15.3 Financial Performance

10.4.15.4 Product Benchmarking

10.4.15.5 Strategic Initiatives

10.4.16 Integrated DNA Technologies, Inc.

10.4.16.1 Company overview

10.4.16.2 Financial performance

10.4.16.3 Product benchmarking

10.4.16.4 Strategic Initiatives

10.4.17 RainDance Technologies, Inc.

10.4.17.1 Company overview

10.4.17.2 Financial performance

10.4.17.3 Product benchmarking

10.4.17.4 Strategic initiatives

List Of Tables

LIST OF TABLES

Table 1 Advantage comparison of amplicon-based targeting with hybridization-based targeting

Table 2 North America targeted DNA/RNA sequencing market estimates & forecasts, by technology, 2014 - 2025 (USD Million)

Table 3 North America NGS-based targeted sequencing market estimates & forecasts, by methods, 2014 - 2025 (USD Million)

Table 4 North America NGS-based targeted sequencing product market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 5 North America targeted DNA/RNA sequencing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 6 North America targeted DNA/RNA sequencing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 7 North America targeted DNA/RNA sequencing market estimates & forecasts, by type, 2014 - 2025 (USD Million)

Table 8 North America targeted DNA/RNA sequencing market estimates & forecasts, by end-use, 2014 - 2025 (USD Million)

Table 9 U.S. targeted DNA/RNA sequencing market estimates & forecasts, by technology, 2014 - 2025 (USD Million)

Table 10 U.S. NGS-based targeted sequencing market estimates & forecasts, by methods, 2014 - 2025 (USD Million)

Table 11 U.S. NGS-based targeted sequencing product market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 12 U.S. targeted DNA/RNA sequencing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 13 U.S. targeted DNA/RNA sequencing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 14 U.S. targeted DNA/RNA sequencing market estimates & forecasts, by type, 2014 - 2025 (USD Million)

Table 15 U.S. targeted DNA/RNA sequencing market estimates & forecasts, by end-use, 2014 - 2025 (USD Million)

Table 16 Canada targeted DNA/RNA sequencing market estimates & forecasts, by technology, 2014 - 2025 (USD Million)

Table 17 Canada NGS-based targeted sequencing market estimates & forecasts, by methods, 2014 - 2025 (USD Million)

Table 18 Canada NGS-based targeted sequencing product market estimates &

forecasts, by application, 2014 - 2025 (USD Million)

Table 19 Canada targeted DNA/RNA sequencing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 20 Canada targeted DNA/RNA sequencing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 21 Canada targeted DNA/RNA sequencing market estimates & forecasts, by type, 2014 - 2025 (USD Million)

Table 22 Canada targeted DNA/RNA sequencing market estimates & forecasts, by end-use, 2014 - 2025 (USD Million)

Table 23 Europe targeted DNA/RNA sequencing market estimates & forecasts, by technology, 2014 - 2025 (USD Million)

Table 24 Europe NGS-based targeted sequencing market estimates & forecasts, by methods, 2014 - 2025 (USD Million)

Table 25 Europe NGS-based targeted sequencing product market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 26 Europe targeted DNA/RNA sequencing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 27 Europe targeted DNA/RNA sequencing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 28 Europe targeted DNA/RNA sequencing market estimates & forecasts, by type, 2014 - 2025 (USD Million)

Table 29 Europe targeted DNA/RNA sequencing market estimates & forecasts, by end-use, 2014 - 2025 (USD Million)

Table 30 Germany targeted DNA/RNA sequencing market estimates & forecasts, by technology, 2014 - 2025 (USD Million)

Table 31 Germany NGS-based targeted sequencing market estimates & forecasts, by methods, 2014 - 2025 (USD Million)

Table 32 Germany NGS-based targeted sequencing product market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 33 Germany targeted DNA/RNA sequencing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 34 Germany targeted DNA/RNA sequencing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 35 Germany targeted DNA/RNA sequencing market estimates & forecasts, by type, 2014 - 2025 (USD Million)

Table 36 Germany targeted DNA/RNA sequencing market estimates & forecasts, by end-use, 2014 - 2025 (USD Million)

Table 37 UK targeted DNA/RNA sequencing market estimates & forecasts, by technology, 2014 - 2025 (USD Million)

Table 38 UK NGS-based targeted sequencing market estimates & forecasts, by methods, 2014 - 2025 (USD Million)

Table 39 UK NGS-based targeted sequencing product market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 40 UK targeted DNA/RNA sequencing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 41 UK targeted DNA/RNA sequencing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 42 UK targeted DNA/RNA sequencing market estimates & forecasts, by type, 2014 - 2025 (USD Million)

Table 43 UK targeted DNA/RNA sequencing market estimates & forecasts, by end-use, 2014 - 2025 (USD Million)

Table 44 Asia Pacific-based NGS service provides

Table 45 Asia Pacific targeted DNA/RNA sequencing market estimates & forecasts, by technology, 2014 - 2025 (USD Million)

Table 46 Asia Pacific NGS-based targeted sequencing market estimates & forecasts, by methods, 2014 - 2025 (USD Million)

Table 47 Asia Pacific NGS-based targeted sequencing product market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 48 Asia Pacific targeted DNA/RNA sequencing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 49 Asia Pacific targeted DNA/RNA sequencing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 50 Asia Pacific targeted DNA/RNA sequencing market estimates & forecasts, by type, 2014 - 2025 (USD Million)

Table 51 Asia Pacific targeted DNA/RNA sequencing market estimates & forecasts, by end-use, 2014 - 2025 (USD Million)

Table 52 China targeted DNA/RNA sequencing market estimates & forecasts, by technology, 2014 - 2025 (USD Million)

Table 53 China NGS-based targeted sequencing market estimates & forecasts, by methods, 2014 - 2025 (USD Million)

Table 54 China NGS-based targeted sequencing product market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 55 China targeted DNA/RNA sequencing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 56 China targeted DNA/RNA sequencing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 57 China targeted DNA/RNA sequencing market estimates & forecasts, by type, 2014 - 2025 (USD Million)

Table 58 China targeted DNA/RNA sequencing market estimates & forecasts, by end-use, 2014 - 2025 (USD Million)

Table 59 Japan targeted DNA/RNA sequencing market estimates & forecasts, by technology, 2014 - 2025 (USD Million)

Table 60 Japan NGS-based targeted sequencing market estimates & forecasts, by methods, 2014 - 2025 (USD Million)

Table 61 Japan NGS-based targeted sequencing product market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 62 Japan targeted DNA/RNA sequencing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 63 Japan targeted DNA/RNA sequencing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 64 Japan targeted DNA/RNA sequencing market estimates & forecasts, by type, 2014 - 2025 (USD Million)

Table 65 Japan targeted DNA/RNA sequencing market estimates & forecasts, by end-use, 2014 - 2025 (USD Million)

Table 66 Latin America targeted DNA/RNA sequencing market estimates & forecasts, by technology, 2014 - 2025 (USD Million)

Table 67 Latin America NGS-based targeted sequencing market estimates & forecasts, by methods, 2014 - 2025 (USD Million)

Table 68 Latin America NGS-based targeted sequencing product market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 69 Latin America targeted DNA/RNA sequencing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 70 Latin America targeted DNA/RNA sequencing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 71 Latin America targeted DNA/RNA sequencing market estimates & forecasts, by type, 2014 - 2025 (USD Million)

Table 72 Latin America targeted DNA/RNA sequencing market estimates & forecasts, by end-use, 2014 - 2025 (USD Million)

Table 73 Brazil targeted DNA/RNA sequencing market estimates & forecasts, by technology, 2014 - 2025 (USD Million)

Table 74 Brazil NGS-based targeted sequencing market estimates & forecasts, by methods, 2014 - 2025 (USD Million)

Table 75 Brazil NGS-based targeted sequencing product market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 76 Brazil targeted DNA/RNA sequencing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 77 Brazil targeted DNA/RNA sequencing market estimates & forecasts, by

application, 2014 - 2025 (USD Million)

Table 78 Brazil targeted DNA/RNA sequencing market estimates & forecasts, by type, 2014 - 2025 (USD Million)

Table 79 Brazil targeted DNA/RNA sequencing market estimates & forecasts, by end-use, 2014 - 2025 (USD Million)

Table 80 MEA targeted DNA/RNA sequencing market estimates & forecasts, by technology, 2014 - 2025 (USD Million)

Table 81 MEA NGS-based targeted sequencing market estimates & forecasts, by methods, 2014 - 2025 (USD Million)

Table 82 MEA NGS-based targeted sequencing product market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 83 MEA targeted DNA/RNA sequencing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 84 MEA targeted DNA/RNA sequencing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 85 MEA targeted DNA/RNA sequencing market estimates & forecasts, by type, 2014 - 2025 (USD Million)

Table 86 MEA targeted DNA/RNA sequencing market estimates & forecasts, by end-use, 2014 - 2025 (USD Million)

Table 87 South Africa targeted DNA/RNA sequencing market estimates & forecasts, by technology, 2014 - 2025 (USD Million)

Table 88 South Africa NGS-based targeted sequencing market estimates & forecasts, by methods, 2014 - 2025 (USD Million)

Table 89 South Africa NGS-based targeted sequencing product market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 90 South Africa targeted DNA/RNA sequencing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 91 South Africa targeted DNA/RNA sequencing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 92 South Africa targeted DNA/RNA sequencing market estimates & forecasts, by type, 2014 - 2025 (USD Million)

Table 93 South Africa targeted DNA/RNA sequencing market estimates & forecasts, by end-use, 2014 - 2025 (USD Million)

List Of Figures

LIST OF FIGURES

- Fig. 1 Market research process
- Fig. 2 Information Procurement
- Fig. 3 Primary research pattern
- Fig. 4 Market research approaches
- Fig. 5 Value chain based sizing & forecasting
- Fig. 6 QFD modelling for market share assessment
- Fig. 7 Market summary
- Fig. 8 Market trends & outlook
- Fig. 9 Market segmentation & scope
- Fig. 10 Market driver relevance analysis (Current & future impact)
- Fig. 11 Cost per raw megabase (Mb) of DNA sequence (USD)
- Fig. 12 Cost per genome
- Fig. 13 Market restraint relevance analysis (Current & future impact)
- Fig. 14 Penetration & growth prospect mapping for end-use, 2016
- Fig. 15 SWOT Analysis, By Factor (political & legal, economic and technological)
- Fig. 16 Porter's Five Forces Analysis
- Fig. 17 Global targeted DNA/RNA sequencing market: Technology outlook key takeaways
- Fig. 18 Global targeted DNA/RNA sequencing market: Technology movement analysis
- Fig. 19 Global NGS market, 2014 - 2025 (USD Million)
- Fig. 20 Global exome sequencing market, 2014 - 2025 (USD Million)
- Fig. 21 Global enrichment sequencing market, 2014 - 2025 (USD Million)
- Fig. 22 Global amplicon sequencing market, 2014 - 2025 (USD Million)
- Fig. 23 Global other NGS-based methods market, 2014 - 2025 (USD Million)
- Fig. 24 Opportunity analysis for NGS application in cancer, 2015
- Fig. 25 Global cancer gene sequencing market, 2014 - 2025 (USD Million)
- Fig. 26 Global inherited disease screening market, 2014 - 2025 (USD Million)
- Fig. 27 Global drug development market, 2014 - 2025 (USD Million)
- Fig. 28 Global forensic genomics market, 2014 - 2025 (USD Million)
- Fig. 29 Global 16S ribosomal RNA (rRNA) sequencing market, 2014 - 2025 (USD Million)
- Fig. 30 Global others market, 2014 - 2025 (USD Million)
- Fig. 31 Global targeted DNA/RNA sequencing market: Workflow outlook key takeaways
- Fig. 32 Global targeted DNA/RNA sequencing market: Workflow movement analysis
- Fig. 33 Global pre-sequencing market, 2014 - 2025 (USD Million)

Fig. 34 Global sequencing market, 2014 - 2025 (USD Million)

Fig. 35 Global data analysis market, 2014 - 2025 (USD Million)

Fig. 36 Global targeted DNA/RNA sequencing market: Application outlook key takeaways

Fig. 37 Global targeted DNA/RNA sequencing market: Application movement analysis

Fig. 38 Global human biomedical research market, 2014 - 2025 (USD Million)

Fig. 39 Global plant & animal sciences market, 2014 - 2025 (USD Million)

Fig. 40 Global drug discovery market, 2014 - 2025 (USD Million)

Fig. 41 Global others market, 2014 - 2025 (USD Million)

Fig. 42 Global targeted DNA/RNA sequencing market: Type outlook key takeaways

Fig. 43 Queries for NGS services on Genohub

Fig. 44 Global targeted DNA/RNA sequencing market: Type movement analysis

Fig. 45 Global DNA based targeted sequencing market, 2014 - 2025 (USD Million)

Fig. 46 Global RNA based targeted sequencing market, 2014 - 2025 (USD Million)

Fig. 47 Global targeted DNA/RNA sequencing market: End-use outlook key takeaways

Fig. 48 Global targeted DNA/RNA sequencing market: End-use movement analysis

Fig. 49 Global academic research market, 2014 - 2025 (USD Million)

Fig. 50 Global hospitals & clinics market, 2014 - 2025 (USD Million)

Fig. 51 Global pharma & biotech entities market, 2014 - 2025 (USD Million)

Fig. 52 Global other end-use market, 2014 - 2025 (USD Million)

Fig. 53 Regional market place: Key takeaway

Fig. 54 Targeted DNA/RNA sequencing regional outlook, 2016 & 2025

Fig. 55 North America targeted DNA/RNA sequencing market, 2014 - 2025 (USD Million)

Fig. 56 U.S. targeted DNA/RNA Sequencing market, 2014 - 2025 (USD Million)

Fig. 57 Canada targeted DNA/RNA sequencing market, 2014 - 2025 (USD Million)

Fig. 58 Europe targeted DNA/RNA sequencing market, 2014 - 2025 (USD Million)

Fig. 59 Germany targeted DNA/RNA sequencing market, 2014 - 2025 (USD Million)

Fig. 60 UK targeted DNA/RNA sequencing market, 2014 - 2025 (USD Million)

Fig. 61 Asia Pacific targeted DNA/RNA sequencing market, 2014 - 2025 (USD Million)

Fig. 62 China targeted DNA/RNA sequencing market, 2014 - 2025 (USD Million)

Fig. 63 Japan targeted DNA/RNA sequencing market, 2014 - 2025 (USD Million)

Fig. 64 Latin America targeted DNA/RNA sequencing market, 2014-2025 (USD Million)

Fig. 65 Brazil targeted DNA/RNA sequencing market, 2014 - 2025 (USD Million)

Fig. 66 Middle East & Africa targeted DNA/RNA Sequencing market, 2014 - 2025 (USD Million)

Fig. 67 South Africa targeted DNA/RNA sequencing market, 2014 - 2025 (USD Million)

Fig. 68 List Of Companies

Fig. 69 List Of Companies

Fig. 70 List Of Companies

Fig. 71 Strategy framework

Fig. 72 Participant categorization

I would like to order

Product name: Targeted DNA/RNA Sequencing Market Analysis By Technology (NGS, Exome Sequencing Seq., Enrichment Seq., Amplicon Seq., Sanger Seq.), By Workflow, By Application, By Type, By End-use, And Segment Forecasts, 2014 - 2025

Product link: <https://marketpublishers.com/r/TB7A652D5A5EN.html>

Price: US\$ 5,950.00 (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/TB7A652D5A5EN.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