

Next generation Sequencing (NGS) Market to reach valued at \$4,892 million and CAGR growth Analysis, Forecast to 2020

Next Generation Sequencing (NGS) Global Market – The research report highlights market research and industry analysis driven by in-depth business relevant news.

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A decade has gone, since the first human genome has been sequenced and sequencing technology has come a long way from the time of introduction as [Next generation Sequencing](#) (NGS) has revolutionized the way the human genomes are being sequenced now a days. The time and cost to sequence has tremendously reduced since the first human genome was sequenced, which took a decade time and around \$3 billion. According to experts, in the coming years, a human genome can be sequenced at a cost of \$1,000 in one to two days. In the last five years the sequencing cost has rapidly reduced and this is supposed to have a huge impact on the NGS market in the coming years.

The global Next Generation Sequencing market is valued to be XX million in 2013 and poised to grow at a CAGR of XX% to reach \$4,892 million by 2020. The NGS market is classified based on products, technology, end users, application and geography. The global NGS products are further divided into instruments and consumables, services and workflow products. The NGS technology is segmented into targeted resequencing, whole exome sequencing, RNA sequencing, whole genome sequencing, ChIP sequencing, de novo sequencing and methyl sequencing. The NGS market by end users is divided into academic research laboratories, hospitals and clinics, biotech and pharmaceuticals and other end users, which include nonprofit organizations and commercial labs. The application of NGS market is classified into clinical and non-clinical applications. By application type, the market is broken down into oncology, genetic screening, infectious diseases, drug and biomarker discovery, molecular epidemiology, agriculture and animal research and other applications. Further, the NGS market is separated by geographical regions into North America, Europe, Asia-Pacific and Rest of the World

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Table of Content

1 EXECUTIVE SUMMARY	17
2 INTRODUCTION	25
2.1 KEY TAKE AWAYS	25
2.2 REPORT DESCRIPTION	25
2.3 MARKETS COVERED	26
2.4 STAKEHOLDERS	28
2.5 RESEARCH METHODOLOGY	28
2.5.1 MARKET SIZE ESTIMATION	29
2.5.2 MARKET CRACKDOWN AND DATA TRIANGULATION	32

2.5.3 SECONDARY SOURCES	33
2.5.4 PRIMARY SOURCES	34
2.5.5 KEY DATA POINTS FROM SECONDARY SOURCES	34
2.5.6 KEY DATA POINTS FROM PRIMARY SOURCES	35
2.5.7 ASSUMPTIONS	35
3 MARKET ANALYSIS	36
3.1 INTRODUCTION	36
3.2 MARKET SEGMENTATION	37
3.3 FACTORS INFLUENCING MARKET	40
3.3.1 DRIVERS AND OPPORTUNITIES	41
3.3.1.1 REDUCED COST AND HIGH SPEED	41
3.3.1.2 INCREASED USAGE IN CLINICAL DIAGNOSIS	41
3.3.1.3 SWITCH TO NGS FROM MICROARRAY TECHNOLOGY	42
3.3.1.4 NEW & EMERGING APPLICATIONS OF NGS TECHNOLOGY	43
3.3.1.5 GROWTH OF PERSONALIZED MEDICINE AND BIOMARKER SEGMENTS	44
3.3.1.6 RISING DEMAND FOR NGS DISCOVERY TECHNOLOGY	45
3.3.1.7 INCREASED MEDICAL SPENDING	46
3.3.1.8 RISE IN INCIDENCE OF CHRONIC DISEASE	46
3.3.1.9 EMERGING TECHNOLOGIES	47
3.3.2 RESTRAINTS AND THREATS	52
3.3.2.1 COMPLICATIONS IN NGS DATA STORAGE	52
3.3.2.2 STANDARDIZATION OF NGS FOR DIAGNOSTIC APPLICATION	53
3.3.2.3 GRANTS AND FUNDING FOR NGS INFRASTRUCTURE	53
3.3.2.4 LACK OF SKILLED LABOR	54
3.3.2.5 HUGE DATA INTERPRETATION OF NGS	54
3.3.2.6 ETHICAL AND LEGAL ISSUES TO NGS	55
3.3.3 BURNING ISSUES	56
3.3.3.1 REDUCED COST LEADS TO COMPLEXITY IN DATA STORAGE	56
3.4 PORTER'S FIVE FORCE ANALYSIS	57
3.4.1 THREAT OF NEW ENTRANTS	57
3.4.2 THREAT OF SUBSTITUTES	57
3.4.3 BARGAINING POWER OF SUPPLIERS	57
3.4.4 BARGAINING POWER OF BUYERS	58
3.4.5 COMPETITIVE RIVALRY	59
3.5 REGULATORY AFFAIRS	59
3.5.1 U.S.	59
3.5.2 EUROPE	60
3.5.3 CHINA	61
3.6 MARKET SHARE ANALYSIS BY MAJOR PLAYERS	62
4 NEXT GENERATION SEQUENCING MARKET, BY PRODUCTS	64
4.1 INTRODUCTION	64
4.2 INSTRUMENTS AND CONSUMABLES	66
4.3 SERVICES	68
4.4 WORKFLOW PRODUCTS	70

...CONTINUED

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