

# MARKET REPORT



Asia-Pacific Next Generation Sequencing (NGS) market by Product - (software and services) by Technology - (whole targeted re-sequencing, genome sequencing, de novo sequencing, exome sequencing, RNA-Seq, ChIP-Seq and Methyl-Seq) by application - (diagnostics, drug discovery, biomarker discovery, personalized medicine, and agriculture and animals research) and by Region - Industry Analysis, Size,

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The Asia-Pacific NGS market which was worth \$ 567.7 million in 2016 is poised to reach \$1,636.7 million by 2021 at a CAGR of 23.59%. Asia presents significant opportunities for the investors/venture capitalists as the developed markets are saturated. The presence of noteworthy developments by China and Japan for integration of new technologies and the development of healthcare is majorly driving the Asia Pacific Market.

R&D and clinical development frameworks of countries such as India and Australia have composed the Asia Pacific market to witness a lucrative growth throughout the forecast period. Rise in growth of personalized medicine, development in pre-sequencing and NGS bioinformatics solutions and cloud computing, increasing research in oncology are few factors driving the market growth. In addition, anticipated decrease in the prices of genome sequencing due to development of rapid, high capacity whole genome sequencers by key players is expected to have an optimistic effect on market penetration rates over the few years. However, the storage and management of enormous data generated by sequencing and its interpretation, high reliability on grants & funding from the government and fall in capital expenditure from academic institutions are some of the challenges for Asia-Pacific next generation sequencing market

The Next Generation Sequencing market is categorized by type (product and services) and by technology such as whole targeted re-sequencing, genome sequencing, exome sequencing, de novo sequencing, RNA-Seq, ChIP-Seq and Methyl-Seq. And by application it is segmented into diagnostics, drug discovery, biomarker discovery, personalized medicine, and agriculture and animals research. Further, based on end users the market is segmented as Academic Institutions and Research Centers, Hospitals/Clinical Laboratories, Biotech/Pharma Companies and others. On

the basis of geography, the Asia-Pacific market is segmented into regions namely, China, India, Japan, South Korea, Taiwan, Indonesia, Malaysia, Singapore and Thailand.

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Key players in Asia Pacific Next Generation Sequencing Market include Illumina

Incorporated, Thermo Fischer Scientific, Life Sciences (Roche), Pacific Biosciences, Macrogen Inc.,

Partek Inc., Genomatix Software GmbH, Perkin Elmer inc., DNASTAR Inc., and Qiagen N.V.

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# Table Of Contents for Asia-Pacific Next Generation Sequencing (NGS) market by Product - (software and services) by Technology – (whole targeted re-sequencing, genome sequencing, de novo sequencing, exome sequencing, RNA-Seq, ChIP-Seq and Methyl-Seq)by application – (diagnostics, drug discovery, biomarker discovery, personalized medicine, and agriculture and animals research) and by Region - Industry Analysis, Size, [Report Updated: 01-12-2016]

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