IGIB
INSTITUTE OF GENOMICS & INTEGRATIVE BIOLOGY
Genomics Knowledge Partner

intel

6.5X faster

WGS and WES workflows in both latency and throughput runs.[1]

Digging Deeper into the Genetic Roots of Disease to Advance Cancer Research

CSIR Institute of Genomics and Integrative Biology (CSIR-IGIB) is the top-ranked and most prestigious genome sequencing research institute in India. A vital part of the institute's work revolves around human genetics research, which plays a critical role in identifying genetic disorders, characterizing the mutations that drive cancer progression, and tracking disease outbreaks. To support its genomics research activities, CSIR-IGIB undertakes two main kinds of analysis: whole genome sequencing (WGS) and whole exome sequencing (WES). Today, CSIR-IGIB is paving the way to faster, more robust genetics research with Lenovo GOAST: a high-performing architecture specifically optimized for demanding genomic workloads, built on Lenovo ThinkSystem SR630 with 2nd Gen Intel® Xeon® Scalable processors.

"Computing speed and scale are both critical to genetic sequencing. Our goal is to help researchers analyze more samples faster, and we need very high-performing technology to achieve this."

Dr. Anurag Agrawal
Director, CSIR-IGIB

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1 For more complete information about performance and benchmark results, visit https://www.intel.com/content/www/us/en/customer-spotlight/stories/csir-igib-customer-story.html