

# **GenomeBoost Server**

## **: Ultra-fast, Accurate Genome Analysis Solution**

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As whole genome sequencing (WGS) emerges as a standard technology in genome research and medicine, the demand for fast and accurate analysis continues to grow. GenomeBoost Server<sup>TM</sup> (GBS<sup>TM</sup>) is a high-performance platform designed to empower researchers and clinicians with faster, more efficient WGS data analysis. By integrating cutting-edge hardware design with highly optimized software, GBS<sup>TM</sup> ensures rapid processing, achieving up to 4.9 samples per hour for 30x variant calling, without compromising even the slightest accuracy. Notably, GBS<sup>TM</sup> produces results that are 100% identical to those of the GATK<sup>TM</sup> best practices, ensuring full compatibility with established analytical standards. This innovative solution facilitates the identification of genetic variations and the discovery of critical insights that drive progress in both genome research and medicine.