

GENOMIC VALLEY

WHERE HEALTH MEETS INNOVATION



OUR SERVICES

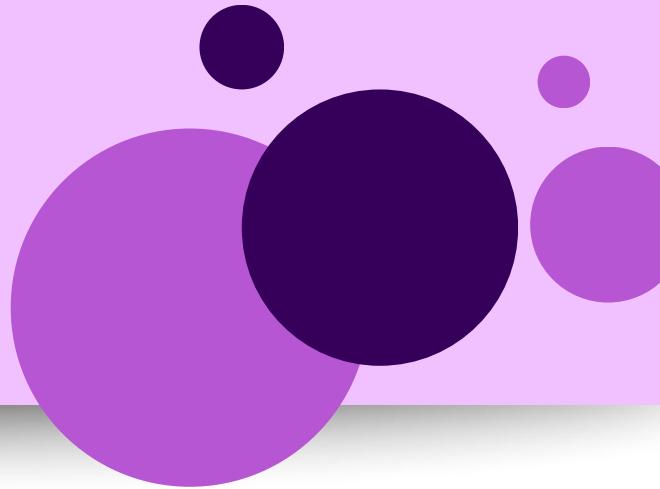
Diagnostic Services

- Whole Genome
- Exome and Clinical Exome
- NIPT and HLA
- HRD and HRR
- TMB with MSI
- RNA Fusion Panels
- Copy Number Variations
- Oncology Panels (Solid & Liquid)

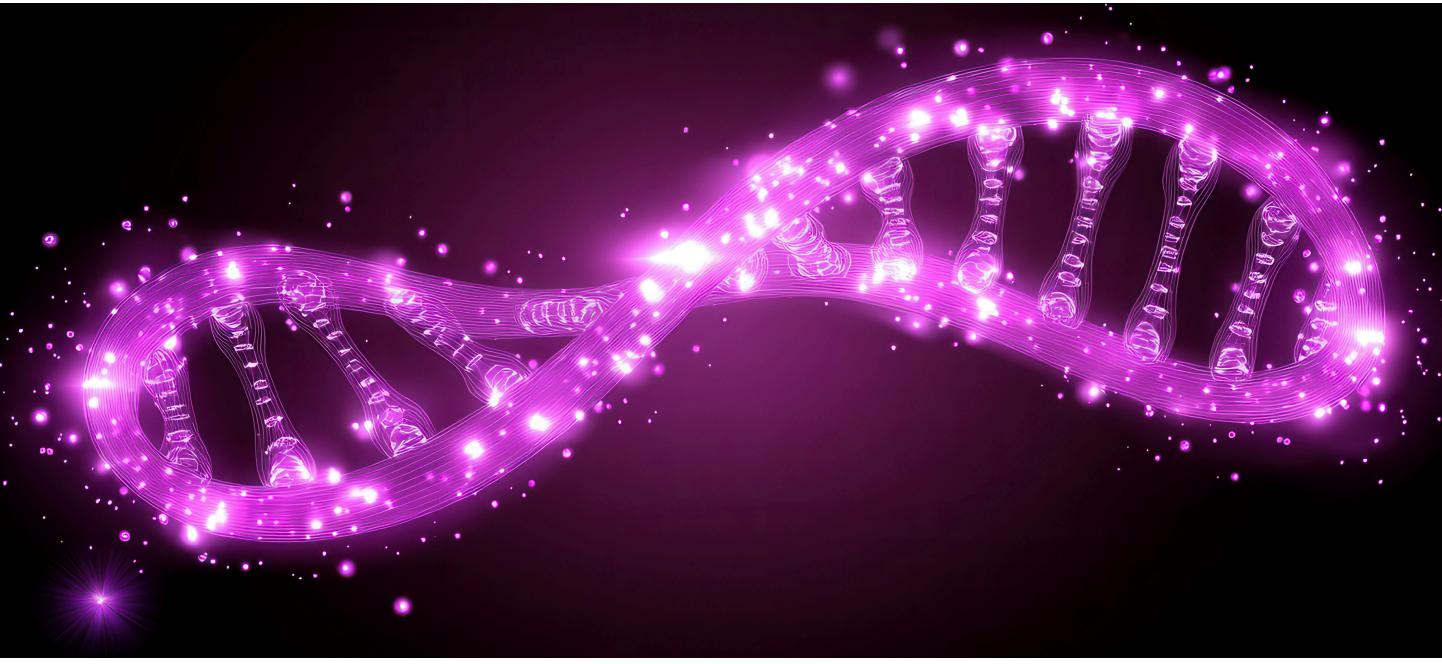
Research Services

- Whole Genome
- Whole Exome
- Whole Transcriptome
- miRNA and smRNA
- Shotgun and Whole MetaGenome
- Metatranscriptome
- Epidemiology Study
- Microbial Panels (Respiratory, AMR)

About US



Genomic Valley Bharat Pvt. Ltd. is a leading startup in healthcare, combining over a decade of expertise in Next-Generation Sequencing (NGS) and oncology research integrating Artificial Intelligence (AI) to revolutionize diagnostics and research. Inspired by the vision of Shri Atal Bihari Vajpayee Ji's Genomic silicon Valley in India, the company is committed to transforming healthcare in India through accessible and reliable genetic information. Leveraging AI, The Genomic Valley delves into enhanced precision for oncology diagnostics bringing treatments personalized and more effective. The company is driven by a mission to establish itself as a global hub for genomic research, offering advanced, cost-effective solutions that empower both individuals and healthcare professionals.



With a strong focus on molecular diagnostics, Genomic Valley integrates cutting-edge technology and human expertise to deliver faster, more accurate results backed by comprehensive metadata. Its AI-based approaches support personalized therapy options, enabling timely and precise care while advancing oncology research. Additionally, the company offers Research Process Outsourcing (RPO) services to global researchers, enhancing projects with refined data analysis and innovative solutions. Dedicated to driving innovation and improving patient outcomes, Genomic Valley is at the forefront of reshaping healthcare and diagnostics through transformative technologies.

Sequencing Platforms

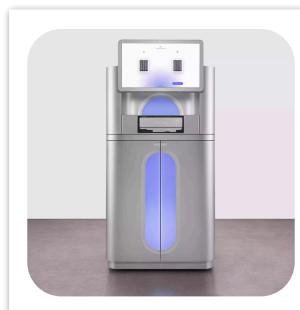
Generating Data as per your need

Illumina



NextSeq 2000

- High Throughput:** Delivers up to 1.2 Tb per run, supporting diverse sequencing applications.
- Advanced Chemistry:** Enhanced SBS chemistry ensures accuracy and efficiency.
- User-Friendly:** Scalable, with intuitive workflows and cloud-based analysis.



NovaSeq

- Ultra-High Throughput:** Generates up to 6 Tb per run for large-scale sequencing.
- Scalable:** Flexible flow cell options for varied project sizes.
- Efficient:** Advanced chemistry ensures speed, accuracy, and cost-effectiveness.

MGI



DNBSEQ-G400

- Flexible Throughput:** Supports multiple flow cell options, generating up to 1.4 Tb per run.
- Innovative Technology:** Uses DNB (DNA nanoball) technology for high accuracy and low error rates.
- Cost-Effective:** Offers competitive sequencing costs with efficient workflows.



MGI T7

- Ultra-High Throughput:** Delivers up to 6 Tb of data per day, ideal for massive sequencing projects.
- DNB Technology:** Ensures high accuracy, low error rates, and reduced duplication bias.
- Efficient and Versatile:** Supports up to four flow cells simultaneously, optimizing time and cost.

Nanopore



Nanopore

- Real-Time Output:** Enables rapid sequencing and analysis.
- Long Reads:** Generates reads over 1 Mb for complex genomes.
- Scalable Devices:** From portable MinION to high-throughput PromethION.



PacBio

- Long Reads:** High accuracy for complex genome assembly.
- SMRT Technology:** Provides high fidelity with low error rates.
- Scalable:** Suitable for both small and large projects.

Why Choose US?

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Precision Powered by Expertise

Trust our experienced team to deliver accurate and reliable NGS data. Our expert-curated data ensures that your research is built on a foundation of precision and excellence.

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Unlocking Discoveries with Cutting-Edge Tech

Stay ahead of the curve with our state-of-the-art NGS technologies. Our commitment to innovation ensures that you have access to the latest advancements in genomics research.

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Your Global Partner in Genomics Research

Tap into our network of labs and experts worldwide. Our global reach enables us to provide seamless support, no matter where your research takes you.

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Transforming Data into Insights

Our expert bioinformaticians and analysts turn complex NGS data into actionable insights. Let us help you unlock the full potential of your research.

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Reliable, Rapid, and Customized NGS Solutions

Get the data you need, when you need it. Our flexible and scalable NGS services are designed to meet your unique research requirements, with rapid turnaround times and uncompromising quality.

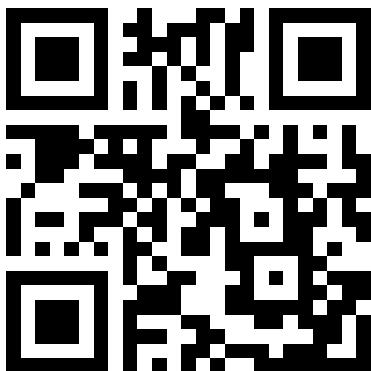
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Elevate Your Research with Our Expert NGS Services

Take your research to the next level with our comprehensive NGS services. From library preparation to data analysis, our team of experts is dedicated to helping you achieve your research goals.

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