

Next Generation Sequencing



NGS Solutions to Advance Your Research

Amplicon Sequencing

- Amplicon-EZ
- Short-read amplicons for >100bp
- Long-read amplicons for >500bp

RNA Sequencing (RNA-Seq)

- Standard and strand-specific for mRNA and total RNA
- Small RNA
- Ultra-low input
- Iso-Seq
- High-throughput gene expression screening
- Single-cell

Whole Genome Sequencing (WGS)

- Short- and long-read
- Low-pass

Targeted Sequencing

- Whole exome
- Cancer and custom gene panels
- CRISPR validation assay

Clinical Sequencing

- CLIA whole genome and exome
- RUO assays in CLIA environment

Viral Genome Sequencing

- AAV, lentivirus, and more
- RNA and DNA viruses

Immunogenomics

- Bulk and single-cell immune repertoire profiling
- Precision Antibody Discovery

Epigenomics

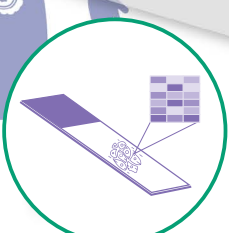
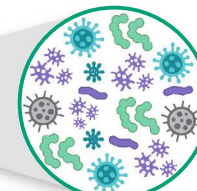
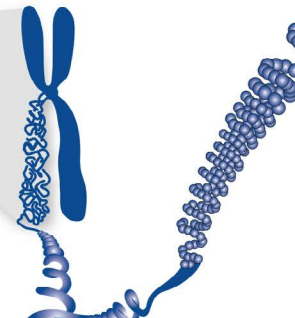
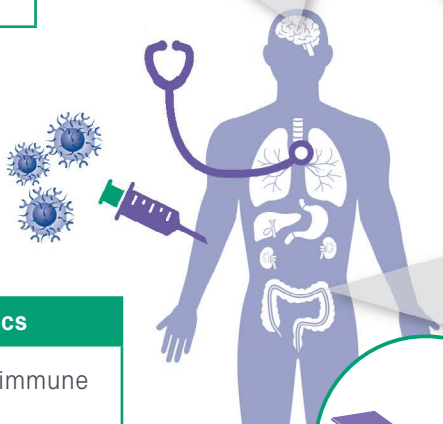
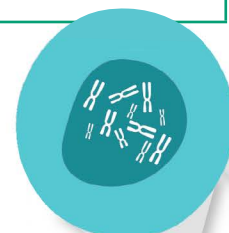
- Short- and long-read whole genome
- Methyl-Seq
- Single-cell and bulk ATAC-Seq
- ChIP-Seq

Metagenomics

- Whole genome
- 16S assay for bacterial ID
- ITS2 assay for fungal ID
- Microbe-EZ (Europe only)

Proteomics and Spatial Genomics

- Spatial transcriptomics
- Olink® proteomics



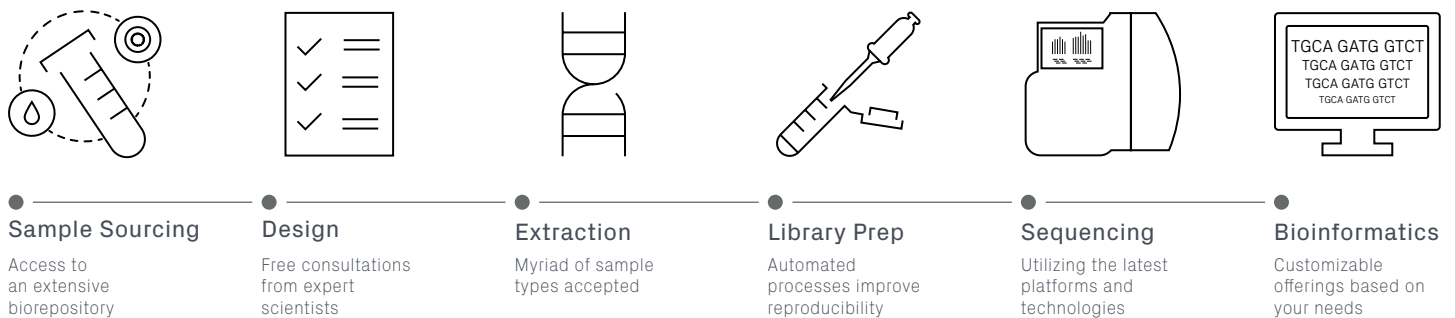
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The GENEWIZ Difference

- Experience processing over 100 sample types including complex, novel, and less-than-ideal samples.
- Continuous optimization of solutions through increased automation and platform offerings.
- One of the industry's highest on-time delivery rates with over 92% of projects delivered on time.
- Expertise sequencing a variety of organisms with over 200 species sequenced.

Quality Through Every Step



Flexible Package Options

Though our turnaround times already exceed industry standards, sometimes you need results quicker. We offer flexible service packages to accommodate your project deadlines while providing the same high-quality data you know and trust from Azenta Life Sciences.

<p>VALUE</p> <p>Come in under budget with our most economical pricing</p>	<p>PREFERRED</p> <p>Get results quickly without breaking the bank</p>	<p>EXPRESS</p> <p>Meet tight deadlines with our industry-leading turnaround time</p>	<p>LIGHTNING</p> <p>Receive results in lightning speed for select RNA sequencing and sequencing-only services</p>
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NGS Platforms

