

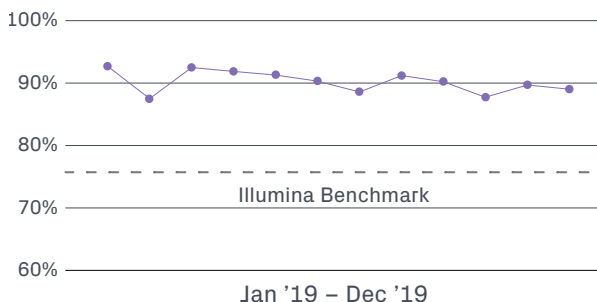
Next Generation Sequencing Data Quality



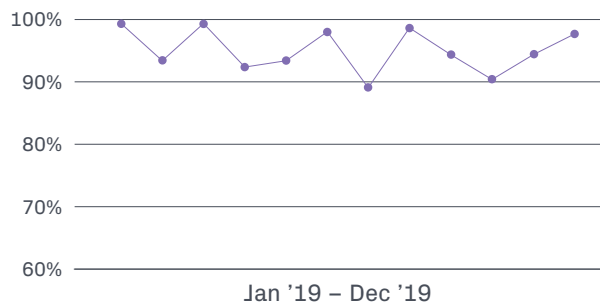
GENEWIZ Multiomics & Synthesis Solutions from Azenta Life Sciences' next generation sequencing services deliver an **unmatched combination of quality, reliability, and expertise**. We have spent years optimizing our processes to deliver the highest-quality results that meet your budget and deadline.

Consistent High-Quality Results

Average Q30 scores across all NGS projects far exceed Illumina® benchmarks

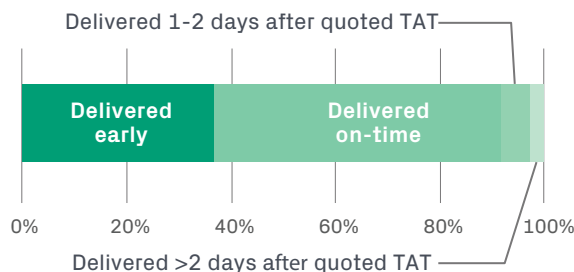


Average mapping rate for whole genome sequencing projects

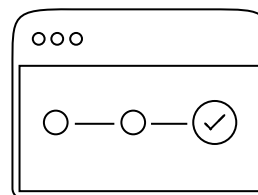


Reliable On-Time Delivery

One of the **highest on-time delivery rates** in the industry



Real-time updates from Ph.D.-level project managers delivered to your online account



Expertise with a Broad Range of Projects

>200

Species Sequenced

Expertise with a variety of organisms to deliver tailored solutions

>7,000,000

Gigabases Sequenced

High-capacity and high-throughput data for projects of any size

>100

Sample Types Processed

Experience with complex, novel, and less-than-ideal sample types



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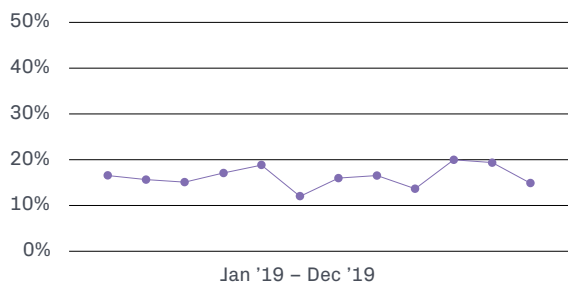
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Next Generation Sequencing Data Quality

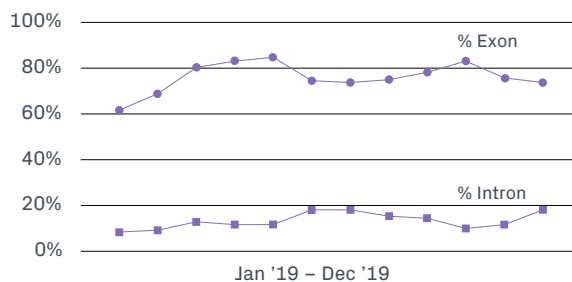


RNA Sequencing

Average adapter sequence percentage shows low adapter contamination, providing more useable data

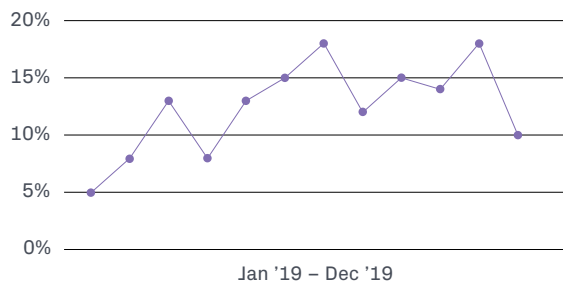


Average exon and intron mapping rates reveal high percentage of reads aligned to exons

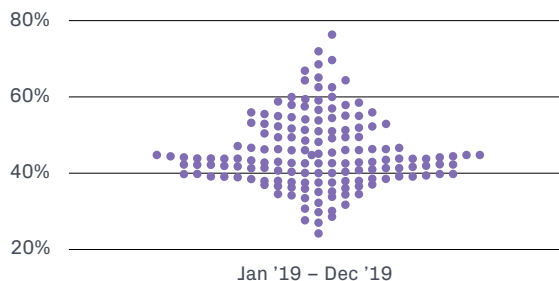


Whole Genome Sequencing

Number of species sequenced showcases ongoing experience with a variety of organisms

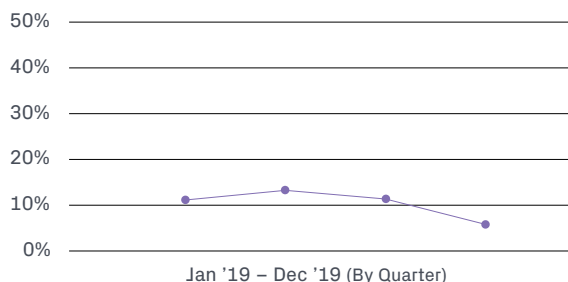


GC-content of species displays a wide range of genomes successfully sequenced

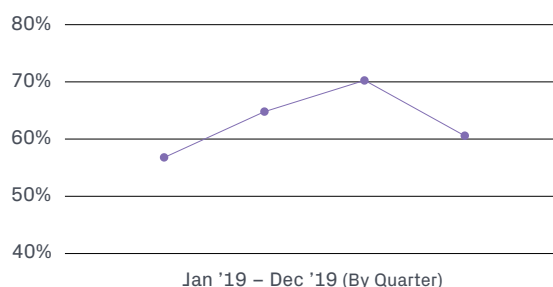


Whole Exome Sequencing

Average adapter sequence percentage shows low adapter contamination, providing more useable data



Average on-target specificity (percent of bases on bait) indicates high precision, yielding more useful results



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