Media Release

QIAGEN enhances bioinformatics workflows with new secondary analysis solution for oncology and inherited disease applications

- **QCI Secondary Analysis a cloud-based software directly integrated with QCI Interpret, enabling high-throughput secondary analysis of clinical next-generation sequencing data**
- **New software advances precision medicine by enabling smaller and decentralized labs to adopt NGS testing with efficiency, consistency and confidence**
- **Combination of QCI Secondary Analysis and QCI Interpret provide a secure and compliant environment for trusted and scalable bioinformatics workflows for oncology and inherited disease applications**

Venlo, the Netherlands, and Redwood City, California, May 2, 2024 – QIAGEN (NYSE: QGEN; Frankfurt Prime Standard: QIA) today announced the availability of QCI Secondary Analysis, a cloud-based software-as-a-services (SaaS) solution enabling high-throughput secondary analysis for use with any clinical next-generation sequencing (NGS) data.

This turnkey service supports all QIAGEN QIAseq panels and seamlessly integrates with QCI Interpret, QIAGEN's clinical variant interpretation and reporting software, to deliver highly scalable and customizable Sample to Insight workflows for oncology and inherited disease applications.

Typically, sequencing data is processed in three phases: After the signals registered by the NGS device have initially been translated into digital information (primary analysis), the DNA fragments encoded must be merged into a connected sequence and analyzed for variants in relation to a human reference genome (secondary analysis). In the third and final step (tertiary analysis), the identified variants are interpreted in the context of a specific clinical picture.

"Our goal is to empower molecular testing labs, regardless of size, budget, and experience, to leverage the power of comprehensive genomic information to advance precision medicine in every setting," said Jonathan Sheldon, Senior Vice President of QIAGEN Digital Insights. "Due to NGS adoption barriers, including complexity and cost, a vast majority of small- to mid-size molecular laboratories rely on limited single-gene tests or choose to outsource sample testing for more comprehensive NGS analysis. However, with the launch of our new NGS secondary analysis software, we are making NGS testing more accessible to decentralized labs."

"QCI Secondary Analysis is particularly valuable for labs looking to start running NGS-based tests because it's a turnkey solution with easy-to-use features for the everyday lab technician," said Can Koşukcu, Senior Bioinformatics Application Scientist of DiagnoSeq, an early-access customer of QCI Secondary Analysis. "With the availability of this new solution, QIAGEN has simplified the whole bioinformatics pipeline, providing an integrated workflow that minimizes resource investment and maximizes productivity."

Expanding on the QIAGEN Clinical Insights (QCI) portfolio, QCI Secondary Analysis is designed to streamline analysis from a range of assay types, enabling labs to process more sequencing data without extensive time and resource investment. The turnkey solution is deployed on the QIAGEN Clinical Cloud, a secure cloud environment ensuring the highest degree of isolation and data protection, including

compliance with ISO 27001, General Data Protect Regulation (GDPR), and the Health Insurance Portability and Accountability Act (HIPAA) requirements.

While QCI Secondary Analysis is a plug-in-play solution that can support any panel, NGS instrument or software, the true value of this new offering is how it complements QIAGEN's Sample to Insight portfolio. QCI Secondary Analysis is validated for use for all QIAseq panels, can be used with LightSpeed Clinical, a new software module within QIAGEN CLC Genomics Workbench Premium that enables ultra-fast NGS analysis, and directly integrates with QCI Interpret, QIAGEN's variant interpretation and reporting platform that has been trusted to analyze and interpret more than 3.5 million NGS patient test cases worldwide.

QIAGEN Digital Insights solutions are used by national precision medicine programs worldwide to process over 850,000 clinical samples per year. They enable researchers and clinicians to access advanced tools for data processing and interpretation, empowering them to make well-informed decisions that lead to improved research results. QDI offers automated workflows, scalability, and efficient turnaround times, as well as solutions tailored to fit any lab, database, API, service, or workflow application.

More information on QIAGEN's Sample to Insight solutions and the new QCI Secondary Analysis service can be found here.

About QIAGEN

QIAGEN N.V., a Netherlands-based holding company, is the leading global provider of Sample to Insight solutions that enable customers to gain valuable molecular insights from samples containing the building blocks of life. Our sample technologies isolate and process DNA, RNA and proteins from blood, tissue and other materials. Assay technologies make these biomolecules visible and ready for analysis. Bioinformatics software and knowledge bases interpret data to report relevant, actionable insights. Automation solutions tie these together in seamless and cost-effective workflows. QIAGEN provides solutions to more than 500,000 customers around the world in Molecular Diagnostics (human healthcare) and Life Sciences (academia, pharma R&D and industrial applications, primarily forensics). As of March 31, 2024, QIAGEN employed more than 5,900 people in over 35 locations worldwide. Further information can be found at http://www.qiagen.com.

Forward-Looking Statement

Certain statements contained in this press release may be considered forward-looking statements within the meaning of Section 27A of the U.S. Securities Act of 1933, as amended, and Section 21E of the U.S. Securities Exchange Act of 1934, as amended. To the extent that any of the statements contained herein relating to QIAGEN's products, timing for launch and development, marketing and/or regulatory approvals, financial and operational outlook, growth and expansion, collaborations, markets, strategy or operating results, including without limitation its expected adjusted net sales and adjusted diluted earnings results, are forward-looking, such statements are based on current expectations and assumptions that involve a number of uncertainties and risks. Such uncertainties and risks include, but are not limited to, risks associated with management of growth and international operations (including the effects of currency fluctuations, regulatory processes and dependence on logistics), variability of operating results and allocations between customer classes, the commercial development of markets for our products to customers in academia, pharma, applied testing and molecular diagnostics; changing relationships with customers, suppliers and strategic partners; competition; rapid or unexpected changes in technologies; fluctuations in demand for QIAGEN's products (including fluctuations due to general economic conditions, the level and timing of customers' funding, budgets and other factors); our ability to obtain regulatory approval of our products; difficulties in successfully adapting QIAGEN's products to integrated solutions and producing such products; the ability of QIAGEN to identify and develop new products and to differentiate and protect our products from competitors' products; market acceptance of QIAGEN's new products and the integration of acquired technologies and businesses; actions of governments, global or regional economic developments, weather or transportation delays,

natural disasters, political or public health crises, and its impact on the demand for our products and other aspects of our business, or other force majeure events; as well as the possibility that expected benefits related to recent or pending acquisitions may not materialize as expected; and the other factors discussed under the heading "Risk Factors" contained in Item 3 of our most recent Annual Report on Form 20-F. For further information, please refer to the discussions in reports that QIAGEN has filed with, or furnished to, the U.S. Securities and Exchange Commission.

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