

Press Release

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# New version of Qlucore Omics Explorer with integrated DESeq2 statistics enables fast in-depth analysis

Nasdaq First North-listed Qlucore, a leading software provider for data analysis and precision diagnostics, launches Qlucore Omics Explorer (QOE) version 3.10. The new version includes an optimized DESeq2 family of methods and statistics, enabling flexible and easy analysis of multi-omics data. Providing enhanced interactivity, the statistical calculations are, as an example, 15 times faster than those performed by R (a widely used software for statistical tests).

QOE is used in research, life sciences, food tech, plant science and biotechnology, and at universities. Users of the software can view and analyze data in a simple and interactive way. Tools and methods for data analysis are selected based on user needs. The results can then easily be presented to colleagues and collaborators.

– “This latest version of QOE is estimated to be at least 15 times faster for DESeq2 calculations when compared to R, which helps researchers get fast and actionable results”, says Carl-Johan Ivarsson, CEO of Qlucore.

QOE 3.10 has several new and useful features. Speed and performance are improved with optimized and native DESeq2 implementation. The DESeq2 family of statistical tests and normalizations are intended for so called count-based data, such as that produced by next generation sequencing (NGS) techniques. In addition to the tests, uninformative data points can be removed before analysis by independent filtering, strengthening the power of the tests. The software also benefits from a new wizard for data import and a new data transformation tool for visualization. In summary, the new 3.10 version provides users with a faster and more comprehensive tool for multi-omics data analysis.

## Certified Advisor

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FNCA Sweden AB

Web: [www.fnca.se](http://www.fnca.se)

## Contacts

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Press contact:

Michael Bull

Brookscomm

Phone: +44 (0) 1483 537 890

Email: [michael@brookscomm.com](mailto:michael@brookscomm.com)

QluCore contact:

Carl-Johan Ivarsson, CEO

Phone: +46 (0) 46 286 31 14

Email: [carl-johan.ivarsson@qlucore.com](mailto:carl-johan.ivarsson@qlucore.com)

## About QluCore

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QluCore is a leading provider of new generation intuitive bioinformatics software for research and precision and companion diagnostics. QluCore's mission is to make it easier to analyze the huge amounts of complex data generated by innovations in the fields of genomics and proteomics by providing powerful visualization-based bioinformatics data analysis tools for research and precision diagnostics. QluCore Omics Explorer software is a easy to use bioinformatics software for research in the life science, plant- and biotech industries, as well as in academia. QluCore Diagnostics and QluCore Insights are software platforms with built in AI-based machine learning for multi-omics companion and precision diagnostics. QluCore was founded in 2007 in Lund, Sweden and has customers in about 25 countries around the world, with sales offices in Europe and North America, and distribution in several countries in Asia. QluCore is listed on the Nasdaq First North Growth market. [www.qlucore.com](http://www.qlucore.com)

## Attachments

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[New version of QluCore Omics Explorer with integrated DESeq2 statistics enables fast in-depth analysis](#)