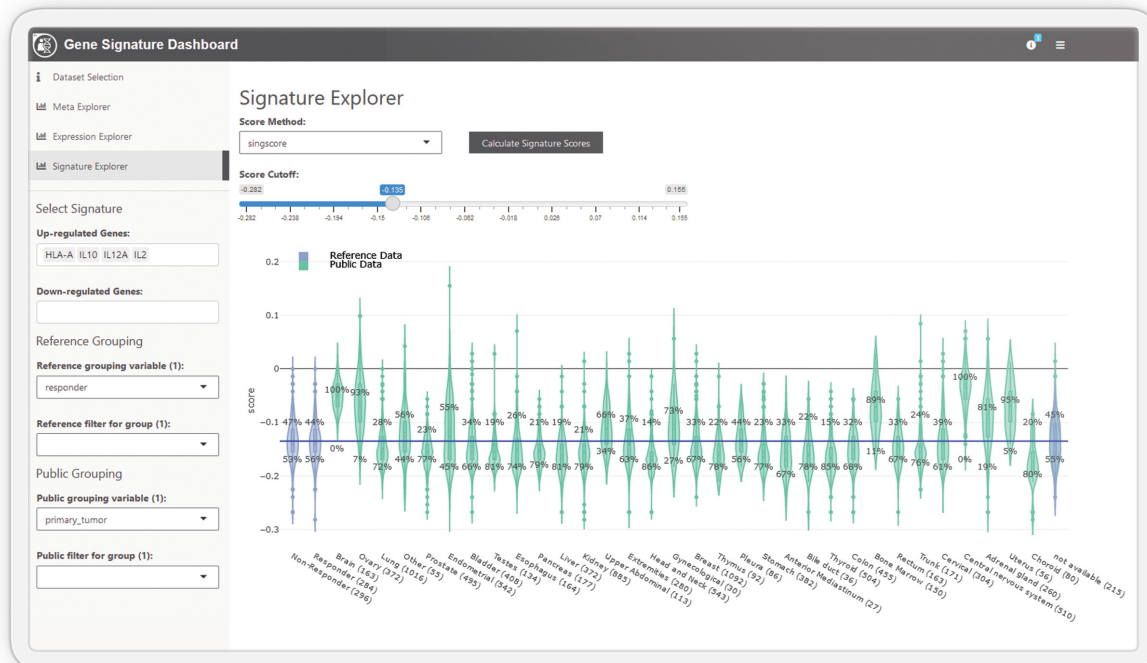


Precision Medicine. Digitalized.



Ready to Realize Precision Medicine?

Understanding a patient's individual condition is crucial to developing the right treatment for the right patient. This is no trivial task and requires answering diverse questions from the vast amounts of complex data generated during drug development.

One Platform with Diverse Applications

Insights unlocked from multidimensional data through Genedata Profiler can facilitate:

- ✓ Biomarker Identification and Validation
- ✓ Patient Stratification
- ✓ Diagnostic Tool Development
- ✓ Drug Repurposing
- ✓ Disease Endotyping
- ✓ Drug Efficacy Prediction
- ✓ Drug Safety Evaluation
- ✓ Smarter Clinical Trial Design

Ultimately, reducing the attrition rate of your therapies in development and improving the chances of clinical success.

What is Genedata Profiler?

Genedata Profiler is a collaborative data integration and analytics platform that empowers scientists to accelerate insight generation from big data despite its variety in size, format, or source. As the single point of easy access to multi-dimensional data and innovative analytics, the platform enables scientists to efficiently conduct translational and reverse translational research. With Genedata Profiler, you gain a deeper understanding of disease molecular mechanisms to identify the right therapeutic target, uncover novel biomarkers, and stratify clinical trial subjects to ultimately bring the most suitable treatment to patients.

By converting preclinical and clinical data into interoperable data products, Genedata Profiler transforms these data into reusable assets prepared and packaged for the use cases of various data consumers. The platform streamlines the generation of data products for a wide range of users including bioinformaticians, scientists, and clinicians, enabling them to address hypotheses using their selected approaches. Genedata Profiler supports three pillars: the integration of multi-dimensional data, the connection of data with people, and the discovery of novel insights.

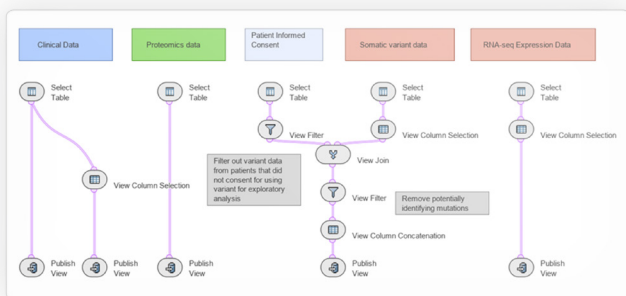


Figure 1. Workflows in Genedata Profiler that facilitate the integration of different data types

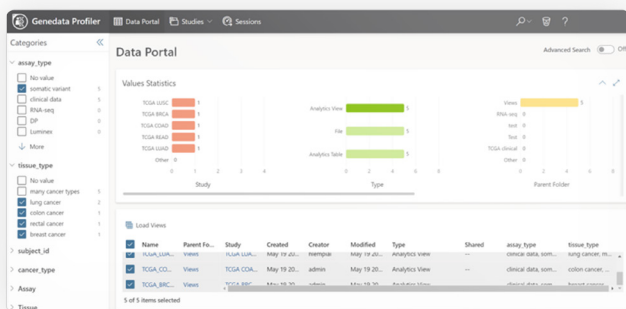


Figure 2. Genedata Profiler's Data Portal where users can search for data in several ways

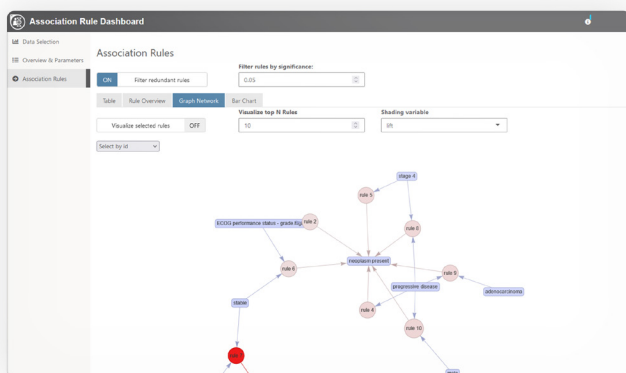


Figure 3. A Genedata Profiler dashboard to identify associations between covariates and disease outcomes

Integrate.

For translational and clinical research, integrative data analysis is key to unlocking hidden insights. In Genedata Profiler, raw data can be automatically ingested or federated from any external source. At the same time, the data can be labeled with the right metadata to ensure it is findable using related descriptive terms. The platform enables you to generate data products by preparing your data with future questions in mind. With Genedata Profiler, data processing, harmonization, and integration are automatable using out-of-the-box workflows and programmatic access. This automation brings efficiencies that allow data scientists to divert time towards discovering and developing exploratory tools while scientists uncover exciting new insights. Genedata Profiler's development environment supports the version controlling, deployment, and testing of additional data processing tools, further widening the possibilities for data processing.

Connect.

Value is created when the right person has access to the right data and exploratory tools to easily extract insights from it. Genedata Profiler connects the right data to the right scientist within or across organizations through controlled data democratization. You can connect analysis-ready datasets to specific users/user groups by configuring data access and handling permissions, thereby creating data products. This facilitates data collaboration with external collaborators all over the world. Genedata Profiler's advanced data governance ensures all data is secure, in the right hands, and correctly handled complying with regulatory authority requirements. The full chain of custody detailing all this information is available in the comprehensive reports—just one of the several ways the platform ensures you are GxP validation ready. With the platform's Data Portal and its superior data organization, you can filter many data points to a select few using responsive search functions in seconds.

Discover.

What is data if it cannot be interrogated to tell its story? Genedata Profiler is purpose-built to accelerate novel insight generation from data gathered throughout biopharma R&D. The platform's Data Portal is directly connected to an expandible analytical toolbox with third-party analytics and business intelligence tools for limitless innovative statistical approaches. Data from Genedata Profiler's high-performant analytics database is rapidly fed into these applications making it easy for users of all levels to answer research questions in their preferred environment. Whether you are a data scientist who likes to develop analytical tools or a translational scientist looking to conduct deep exploratory analysis using readily available advanced flexible solutions, the platform has you covered. Clinicians requiring out-of-the-box visualizations to support decision-making can also leverage Genedata Profiler's diverse customizable dashboards for a wide variety of use cases.

Why Genedata Profiler?

Genedata Profiler is not just a platform that digitalizes translational and clinical research but an experienced team that listens and delivers on its promise. Together with our scientific experts, the platform enables you to unlock value from your data according to your goals and desired outcomes. Our customers have highlighted the following beneficial returns upon choosing our solution:



Improved Data Reusability

The platform breaks data silos, significantly improving access to all data products generated during drug development for continuous insight generation. The improved data FAIRness together with controlled data access and enhanced analytics ensures data is not static or inaccessible but continuously reusable and dynamic.



Enhanced Collaboration

Facilitating collective progress is a core value to Genedata Profiler. Sharing data, workflows, analyses, and visualizations is made simple and secure as the permissions ensure governance throughout the process. Collaborating with external organizations such as CROs and CDMOs is seamless due to the open yet secure infrastructure of Genedata Profiler.



Reduced Project Delivery Time

Genedata Profiler provides efficiencies by equipping various data consumers with what they require to answer their research questions accurately, advancing projects much faster. The high scalability of the platform enables biopharma companies to achieve much more with internal resources.



Significant Cost Reduction

By equipping biopharma teams to scale their activities, Genedata Profiler reduces the need to purchase external services. Thanks to its elastic environment, the platform conserves computational resources so biopharma companies only use what they need when they need it.



Data-Driven Innovation

As Genedata Profiler accelerates novel insight generation, it serves as a platform that propels biopharma companies to test untapped approaches and develop unique solutions. Our scientific consultants contribute a wealth of experience and knowledge which convert your data into tangible results.



Faster Time-to-Market

The applications supported by Genedata Profiler allow to improve the success rate of clinical trials. As a GxP validation-ready environment, Genedata Profiler provides the comprehensive information required to streamline reporting to regulatory authorities.

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Genedata Profiler® is part of the Genedata portfolio of advanced software solutions, which digitalize and automate data-rich and complex biopharma R&D processes. From early discovery all the way to the clinic, Genedata solutions maximize the ROI in R&D expenditure.