

We've created a **universal operating system** for analysing genomic data. A complete and secure environment for clinicians and researchers, creating wider access to analysis and data management for an ever-increasing usership

AN END-TO-END PLATFORM

A comprehensive environment for secondary analysis, multi-omic support, and tertiary analysis, powered by the most advanced aggregated variant storage engine. This is combined with a high-performance database to store all relevant metadata and clinical information.

Featuring:

- Customisation to your needs
- Web app & programmatic access
- Robust API for integration
- Security, audit & authentication

COMPANY ORIGINS

A spin-out of the University of Cambridge and inspired by our team's work in Genomics England's 100,000 Genomes Project, our expertise helped design the solution to tackle genomic data volume, complexity, and interpretation

In 2020 we created XetaBase, a high performance tertiary analysis platform scalable to 1 million genomes.

USE CASE: CLINICAL DIAGNOSTICS

"There is no software system like it anywhere in the world"

"With the ability to rapidly access, interpret and interrogate genomic data, there is real potential to identify disease more accurately, intervene earlier and deliver more effective and less invasive treatments"

Xiaowu Gai

Director of Bioinformatics, Center for Personalized Medicine, Children's Hospital Los Angeles



Challenge

Establish a data management platform that could aggregate all of their data and allow them to store, manage and continually re-analyse WGS data from their pediatric patients, in order to offer timely diagnosis to patients as their condition changes.

Outcome

- Functional DSS for clinical interpretation
- Automated re-analysis of clinical cases
- Aggregated genomic and clinical information linked to previously reported clinical data



We understand the impact of the scale today's data, it's complexity and volume. No matter the scale, users must be able to handle, manipulate and investigate it with maximum efficiency. Which is why we have created this range of functionality:



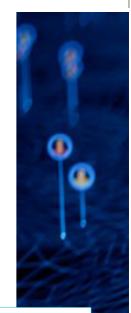
Zetta Genomics

UKCA APPROVED

XetaBase is officially registered with MHRA and UKCA marked.
Conformance for an IVD software combines robust software development life cycle management with clinical risk management, as well as a quality management system that functions as the backbone of product management and services.

ISO 27001 CERTIFIED

Zetta Genomics has successfully passed the Stage 1 ISO 27001 audit. This achievement marks a significant step in furthering our commitment to maintaining the highest standards of information security and data management.



XETABASE TO SUIT ANY SCALE

To be officially announced in November! Contact us if you'd like more information. We are excited to preview that we will soon offer a hosted version of XetaBase. From small teams to large organizations, we've got you covered.

	XetaBase Cloud ACADEMIA	XetaBase Cloud PROFESSIONAL	XetaBase Enterprise
Hosted:	Hosted	Hosted/Self-Hosted	Self-Hosted/
			On-Premises
Audience:	Any academic	Small companies	Large Companies
	organisation	and Hospitals	
All XetaBase Features	Yes	Yes	Yes
Users:	5	15	Unlimited
Exomes/Genomes:	5,000/1,000	15,000/5,000	Unlimited
Data Workspaces:	2	10	Unlimited
Jobs & Workflow:	20 Hours/month	100 Hours/month	Unlimited
Support:	Basic	Basic	Enterprise
Professional Services	No	Limited	Unlimited



Zetta Genomics Ltd., UK

Suite 1, First Floor, Ravenscroft House 61 Regent Street, Cambridge CB2 1AB



