

The background of the page is decorated with numerous circular frames, each containing a different microscopic image. These images show various biological structures, including plant tissue cross-sections, cellular structures, and what appears to be a network of fibers or vessels. The colors used in these images include teal, orange, red, and grayscale.

IGATechTM
SERVING HUNGRY SCIENTISTS

WHY

Supporting research and industries in the successful adoption of the latest genomics technologies to improve the health of humans, animals and our planet.

WHO

We are a **team of scientists** with expertise in sequencing and bioinformatics, committed to provide a **quality-centric service**.

Our goal is to help you attain **high-quality answers to biological questions**.

We are using innovative strategies and advanced sequencing technologies to improve diagnostics and routine clinical care, trace food origin and safety, increase the efficiency of plant and animal breeding and support sustainable development.

Through our services and collaborations, we are building sustainable future.

sustainabledevelopment.un.org



Serving hungry scie

WHAT

AgriGenomics solutions

Our technologies and expertise at the service of **food** producers to consolidate and improve their business **cost-effectively**. **Trace food origin and safety**, and **increase the efficiency of plant and animal breeding** through:

- **Genotyping-by-Sequencing**
- **De novo assembly**
- **DNA barcoding**

Genomics Research Services

Providing end-to-end support from sample to data analysis to public and private **research**. We use state-of-the-art **sequencing** and **bioinformatics** to tackle **complex biological questions**. Our services range from exploring genome structure and functionality for all organisms to the clinical diagnostics applications for human health and support of sustainable development.

- **Human Genomics and Genetics**
- **Transcriptomics**
- **Epigenomics**
- **Microbiome analysis**
- **Single Cell analysis**
- **Long-read sequencing**

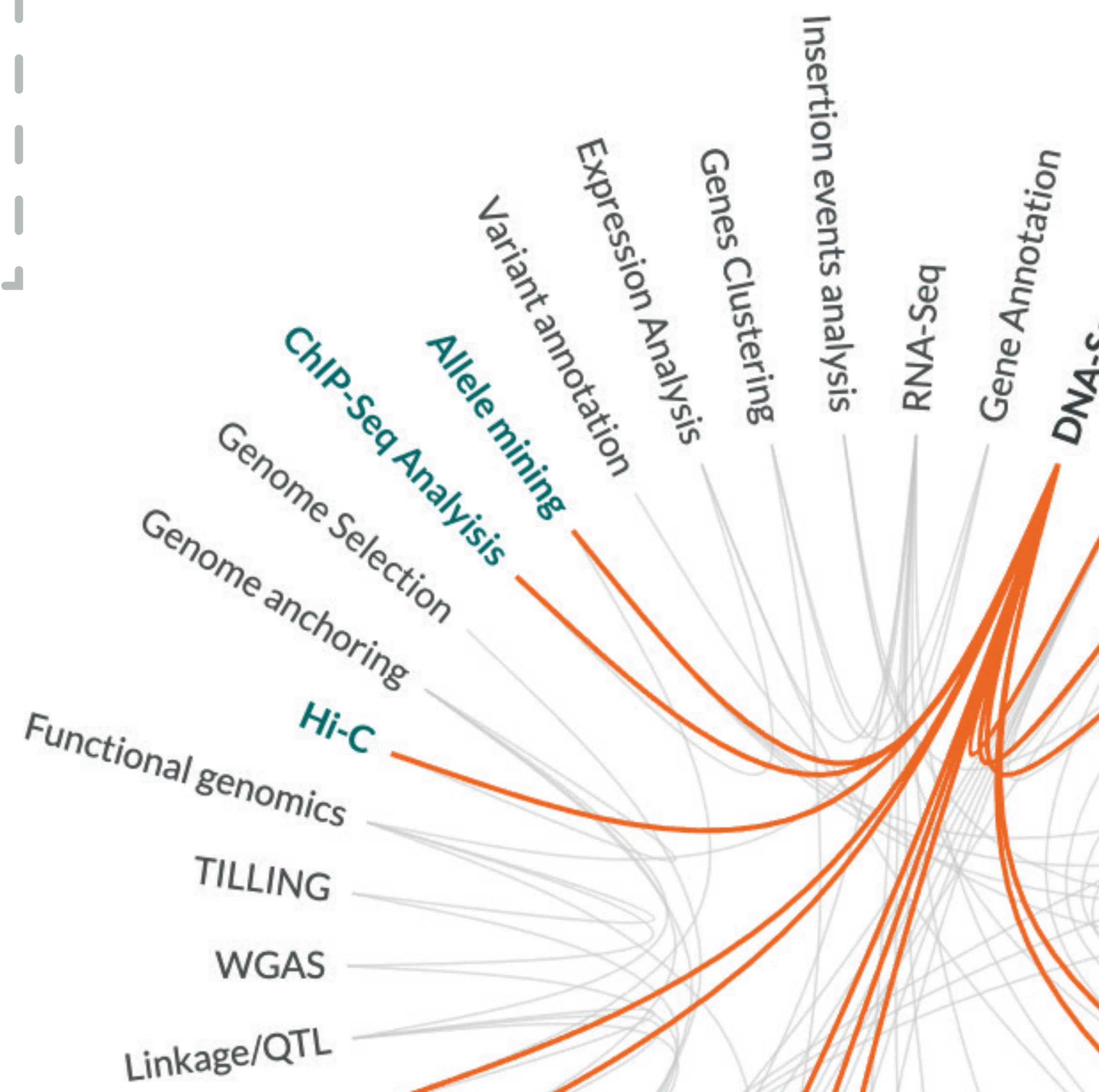
Support for Biopharma

- **Strain sequencing**
- **Biosafety**
- **Genetic transformation screening**

Bioinformatics

We are offering a **dedicated line of bioinformatics support** which encompasses varying levels of assistance, depending on the needs of our customers. **Services are offered also for data that has not been generated in our facility.**

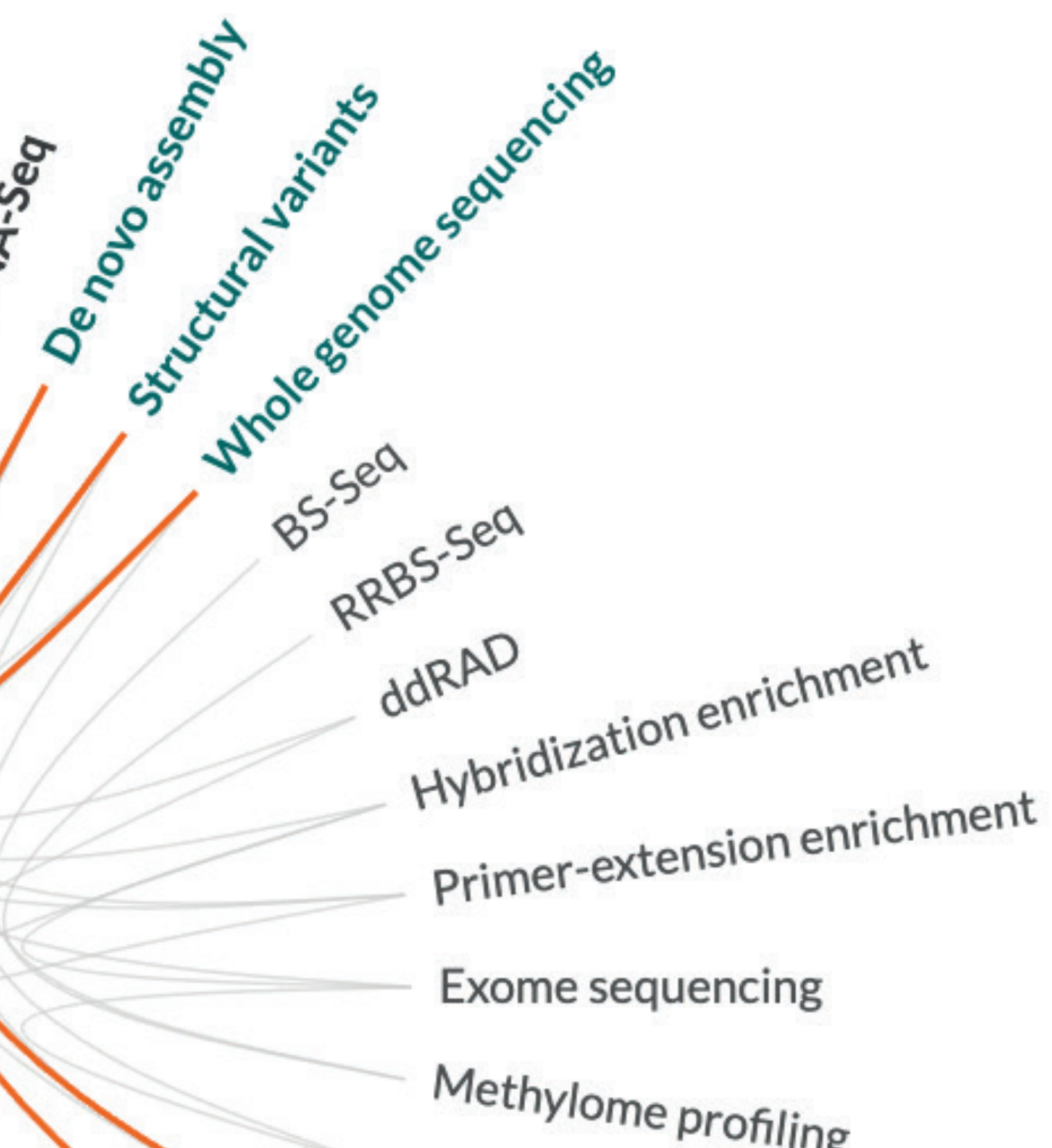
From standard pipelines on newly generated data to integrative projects on existing dataset.

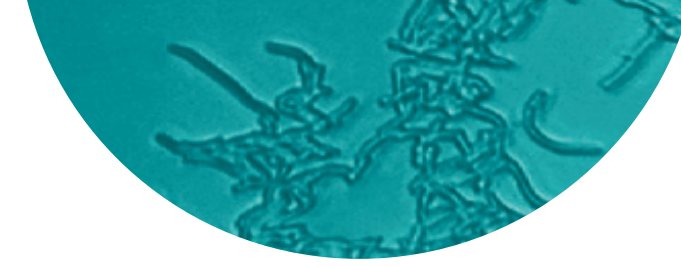
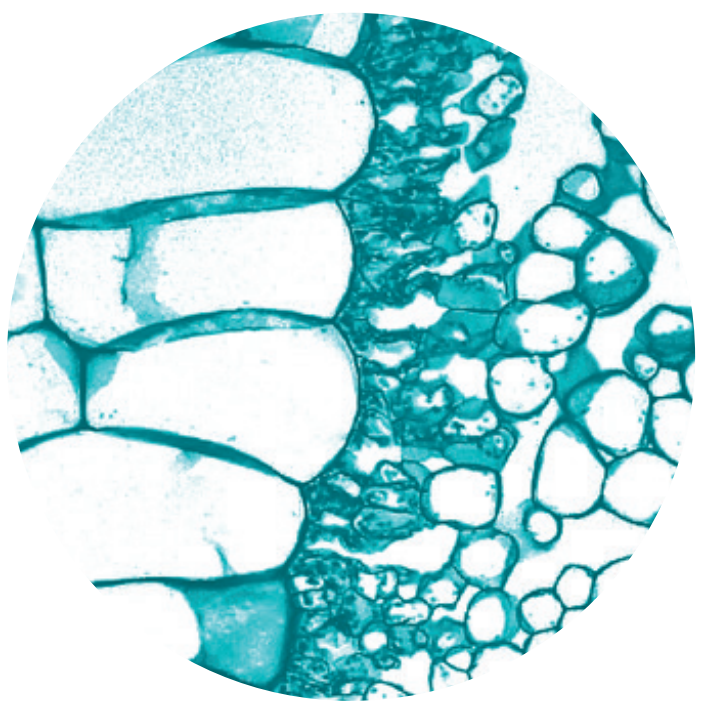


HOW

We are continuously following and testing the latest protocols and tools, as well as developing new ones, assuring the implementation of the state-of-the-art procedures to create the most suitable solutions for our partners and clients.

Illumina Certified Service Provider (Propel) and fully compliant and certified to ISO9001:2015 standards.





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