

# PATHOGEN GENOMICS APP

## From Genome to Action



Your Trusted Partner in Augmented Diagnostics

# THE FUTURE OF SEQUENCING

The PATHOGEN GENOMICS APP is a powerful new tool for pathogen investigations, providing Whole Genome Sequencing identification and clustering to streamline analysis.

It allows you to compare new strains with historical contamination data while screening for key pathogens such as *Salmonella*, *Listeria spp.* (including *L. monocytogenes*), *Cronobacter*, pathogenic *E. coli*, *Pseudomonas aeruginosa*, and *Campylobacter*.



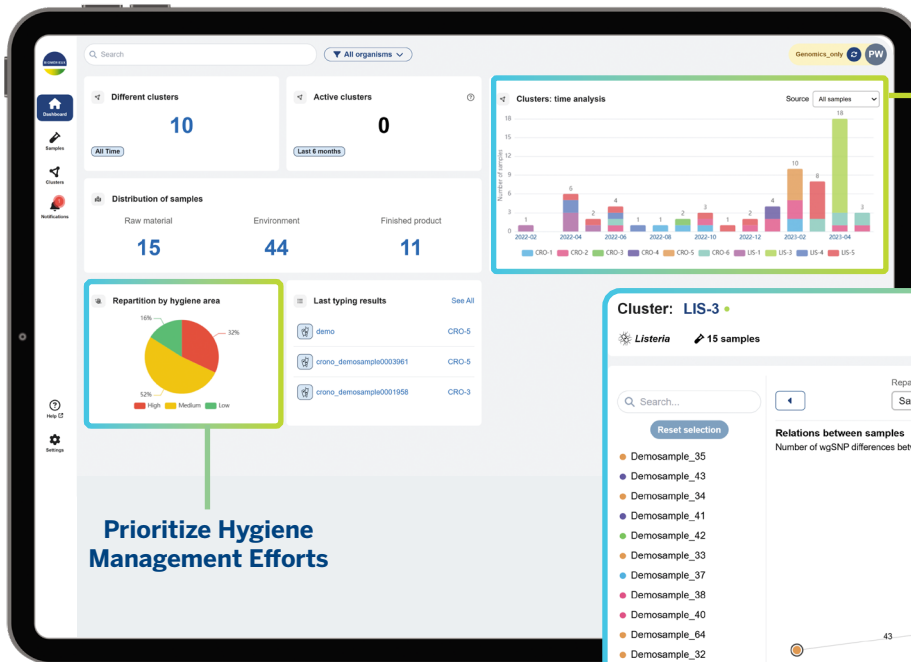
**Direct insights from sequencing data**



**Conduct investigations with your full history of contaminations**



**Expert support for interpretation and analysis**

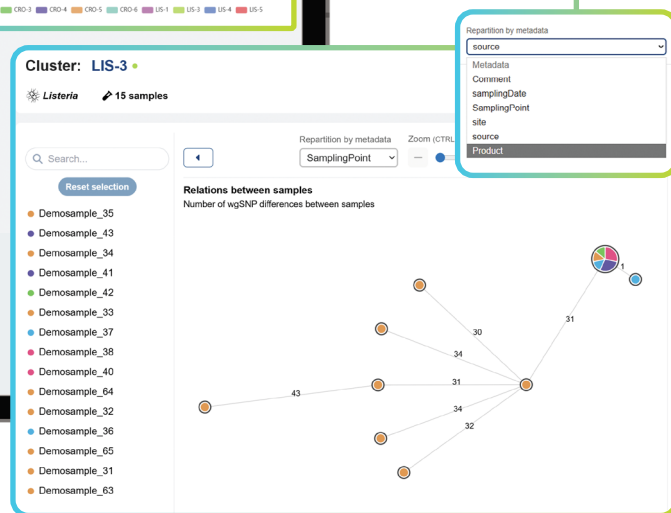


**Analyze Clusters Over Time**

**Fast Track Investigations through Contextual Insights and Filtering**

**Prioritize Hygiene Management Efforts**

**Hosted on the AUGMENTED-DX PORTAL**



**Visualize Relationship Between Samples**

The PATHOGEN GENOMICS APP automatically creates clusters for closely related or identical strains and generates a minimum spanning tree to reveal mutation patterns and analyze trends over time.

## Looking for more insights and autonomy?

Our bioinformatics team is here to help you in your investigations, bringing their unique expertise to your challenges:

- Data import and interpretation
- Strain resistance mechanism (biocide, thermal treatment, etc.)



**Registration for the AUGMENTED-DX PORTAL gives you access to our free online Genomics training!**



The AUGMENTED-DX PORTAL is your centralized, modular interface for easy investigation. The PATHOGEN GENOMICS APP paired with GENE-UP® TYPER gives you comprehensive WGS analysis and rapid results.

**Scan the QR code to get started!**