

Genomics Services for Food Microbiology

Genomics-based analysis to support microbial identification, characterisation, and comparison across food, environmental, and isolate samples.

From routine monitoring to complex outbreak investigations, Eurofins Food Testing UK Ltd delivers precise, actionable insights tailored to your needs.

Whole Genome Sequencing (WGS)

High-resolution genomic analysis of target organisms (isolates of food pathogens: *Listeria*, *Salmonella* and others).

Applications:

- Strain typing and comparison
- Root-cause investigation
- Surveillance programmes
- Method development and validation

Available outputs:

- MLST / cgMLST
- SNP
- Serotyping (where applicable)
- Antimicrobial resistance (AMR) gene detection
- Virulence gene profiling

16S rRNA Gene Sequencing

Sequence-based microbial identification.

Applicable to:

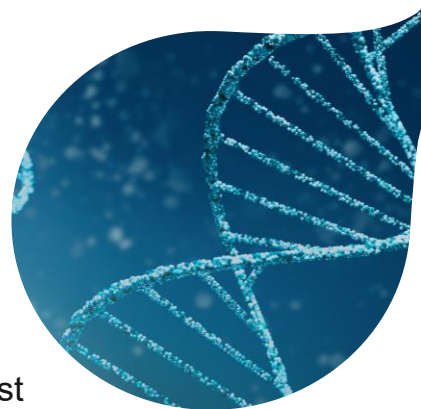
- Pure isolates
- Mixed samples (food or environmental)

Bioinformatics and data output

Results available either in standard Analytical Report format, or we can assist with specific investigations and provide answers to your challenges.

Examples:

- Processed analytical outputs
- Investigation-focused data interpretation
- Comparative analysis against historical datasets



uksales@ftuki.eurofins.com



+44 (0) 845 604 6740