

Identify with Confidence

At ProbioFerm, we bring every step in microbial identification under one roof – from DNA extraction to bioinformatics.

Our in-house genomics suite gives you faster insights, tighter data security and expert guidance on your results.

Whether you're isolating a next-gen probiotic, a specialty strain or a tried-and-true bacteria, we provide sequencing you can trust – backed by real-world expertise and a passion for quality.

Quality You Can Depend On



DNA Extraction and QC

We use best-in-class protocols to ensure high-quality, pure DNA is extracted from your microbial samples.



Library Prep

Robust library preparation ensures that all sample types can be interrogated individually via sequencing-by-synthesis.



Whole Genome Sequencing

Every sample is run on an Illumina MiSeq with 30x-50x genome coverage at 2x150bp read lengths.



Data Analysis

Raw data is processed using our bioinformatics pipeline. *De novo* assembly and additional analyses can be completed upon request.*



In-depth Report

You receive an comprehensive report including assembly and annotation quality measures, subsystem analysis, potential AMR elements and taxonomic classification.

*Additional fees may apply

Why Choose ProbioFerm

Fast, Reliable & Cost-Effective

- Rapid turnaround without outsourcing delays
- Cost-effective solutions without compromising data quality
- Streamlined workflows from sample to insight
- Consistent, dependable results backed by validated methods

End-to-End Service

- Complete workflow: DNA extraction → QC → Library Prep → WGS → Bioinformatics
- All sequencing completed in-house on Illumina MiSeq platform
- Customizable data outputs for strain verification or microbial profiling
- Secure data storage and seamless delivery of results

Expert Support

- Dedicated scientists with deep expertise in microbial genomics
- Collaborative approach – we work alongside you to interpret data
- Proven experience with probiotics, pathogens and mixed cultures
- Ongoing technical guidance to help you translate data into action

Let's Build Better Cultures Together

Contact Us

 (515) 270-5250

 www.probioferm.com

 info@probioferm.com