

Powering insightful data-driven discoveries

At Diversigen, our accessible team of experts — microbiome scientists, bioinformaticians and project coordinators — will help you expand, scale and power your discoveries. We offer guidance for any microbiome project and our scientists will work with you to design the optimal approach to achieve your goals. We are on your side! Our robust and rigorously developed service offerings provide solutions at every step, from sample collection, sequencing and annotation workflows to advanced analytics.

Expertise

- Access to expert guidance on microbiome projects
- Microbiome and site-specific sample collection recommendations
- Data walk-throughs and interpretation

Project coordination

- Dedicated project coordinator works with you at every step from sample to data
- Personalized project and logistical support
- Frequent check-ins and project updates

Tailored solutions

- Flexible workflow entry points including primary samples, extracted nucleic acids and sequence data
- Analysis designed for human and animal microbiome
- Custom bioinformatics and statistical analyses

Laboratory facility

- Workflows designed by microbiome experts
- Highly trained and professional laboratory staff
- CLIA and CAP accredited
- GLP and GCP qPCR capabilities

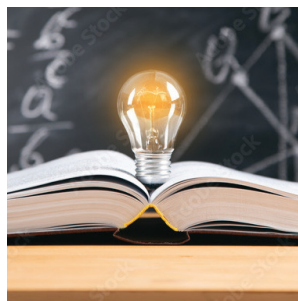
Microbiome applications



Human health



Animal health and
agriculture



Discovery research



Consumer health

End-to-end microbiome services

Sequencing and annotation



Amplicon

Accurate microbiome profiling to resolve the microbial community from amplicon sequencing of marker genes, such as bacterial 16S and fungal ITS2



Metagenomics

Uncover full species-level resolution and functional profiling using our shallow or deep shotgun sequencing workflows



Metatranscriptomics

Identify valuable insights into microbial activity through gene expression profiling with optimized sample processing to ensure bacterial mRNA recovery



Strain assembly and analysis

Sequencing, genome assembly and full annotation of the assembled microbial genome



Core Analysis™

Fully automated data processing pipeline that produces convenient and interactive reports with every project allowing you to explore and share your data

Specialized microbiome solutions

Comprehensive skin microbiome profiles from optimized low biomass extraction to enrich microbial DNA, paired with high-resolution amplicon sequencing



Skin Microbiome

Specialized animal metagenomics

Specialized metagenomic services leveraging animal-specific microbiome reference databases to substantially improve your understanding of the microbial community composition and function



MetaGene™ Mouse



MetaGene™ Poultry



MetaGene™ Canine

Precision assays and analysis



CorePlus™ Analysis

Custom bioinformatics and statistical analyses designed by our team of expert bioinformaticians



qPCR assay design

Specialized qPCR assay development for highly reliable quantitative detection of microbial genomic targets

Comprehensive solutions for microbiome discovery from sample to insight

Study design

Sample processing

Sequencing

Annotation

Analysis

Insights

- Experience partnering on clinical initiatives and designing innovative new approaches
- Variety of microbiome-based research experience in skin, plant, animal and human health
- Over 280 terabytes of data from microbiome sequencing analyzed
- Over 300 articles published in respected scientific journals with over 100,000 citations

Interested in maximizing the value of your microbiome project?

Contact us at info@diversigen.com or www.diversigen.com

Visit our website for more service information

