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; 9BCA =7G'GC@ HCBG

## A Fully Integrated Service Offering Providing Support for Microbiome Research

Services include both standard and customized sequence generation and data analysis, *in vitro* impact studies utilizing mock communities, preclinical & clinical microbiome impact studies and translational animal model development.

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EXPERT CONSULTING  
SERVICES

INTEGRATED RESEARCH  
PROGRAMS

EARLY STAGE / PILOT  
PROGRAM SUPPORT

CRO PROJECT MANAGEMENT  
SERVICES

DISCOVERY & PRECLINICAL  
SERVICE PROVIDER NETWORK

CUSTOM SERVICES

Incubated at ILSE, Microgenomx focuses on advancing human health by providing innovative solutions through research, tools, and services.



# MICROBIOME SERVICE OFFERINGS

## Microbial Whole Genome and 16S Sequencing

- Bacterial, fungal, other eukaryotes, viral

## Annotation and Bioinformatics Analysis

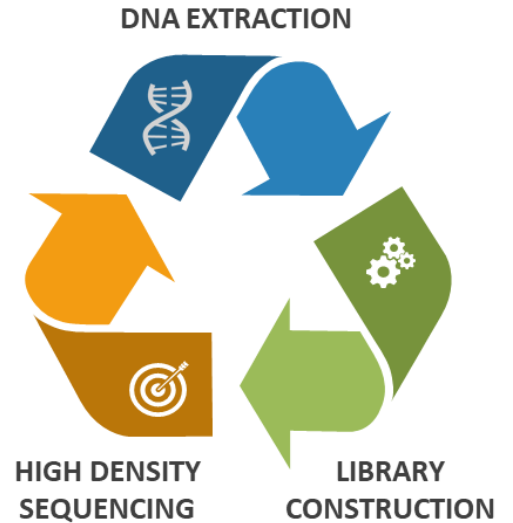
- Genomic, metagenomic & 16S, pathway analysis, population analysis

## Preclinical & Clinical Microbiome Impact Studies

- Study design
- Microbiome/metagenome data generation & analysis
- Cultivation, characterization and repository / database of target organisms
- Microbiome-based clinical diagnostics

## Custom Services

- Custom tagged strains, custom mock communities, anaerobic microbiology, microbiome sample preparation, clinical isolate libraries/databases



**Mini-pig Model Development:** for investigation of Microbiome Impact on inflammatory bowel disease, atherosclerosis, obesity and fatty liver disease.

**The Mock Community Program:** developing and assembling external controls for QC, and utilizing our working model for a synthetic fecal matrix for *in vitro* microbiome impact studies.

**ILSE Collaboration Network:** comprised of outstanding academic and industrial organizations and thought leaders supporting translational animal model development and clinical development.



[www.microgenomx.com](http://www.microgenomx.com)

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