

**INTRODUCTORY
OFFER**

**CONTACT FOR
DETAILS**

www.microgenomx.com

COMPREHENSIVE MICROBIOLOGY & GENOMICS SOLUTIONS

**Expedite Your Microbial
Resistance R&D; Validate
Your Proof-of-Concept;
Customizable Workflows**

Collective Expertise of Industry
Stalwarts Enables Cost-Effective
Validation

Please contact:

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MICROBIAL GENOME
SEQUENCING & ANNOTATION

BIOINFORMATIC ANALYSIS

PRECLINICAL & CLINICAL
MICROBIOME IMPACT STUDIES

ANTIBIOTIC EVALUATION
STUDIES

RESISTANCE DEVELOPMENT
STUDIES

CUSTOM SERVICES

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

1000 Morris Ave. STEM Bldg. 5-13 Union, NJ 07083 USA





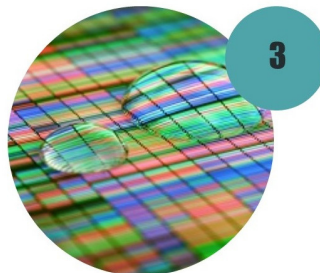
Receive & Validate Compounds / Strains

- Receive Sponsor Compounds / Strains
- Confirm MIC of Experimental Compound



Resistant Mutant Characterization

- Raise Resistant Mutants
- Phenotypically Confirm Mutants



Sequencing & Analysis

- Whole Genome Sequence of Resistant Mutants
- Assemble, Annotate and Analyze Sequence Data
- Perform Mutational Analysis against the Parental / Reference Strain



Reporting & Delivery

- Deliver Final Report (including all experimental and QC data, raw and assembled sequence data)
- Provide all Resistant Isolates

Mutation Analysis Services Workflow

RESISTANCE DETERMINATION STUDY / MECHANISM OF ACTIVITY

This study would be for the selection and characterization of resistant isolates of a bacterial strain against a sponsor's compound.

Final reports, including all experimental and QC data, raw and assembled sequence data and derived resistant isolates will be provided at study completion.



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INTRODUCTORY OFFER

**Jumpstart
your resistance research**

**Reports within 60 days
of test compound receipt**

**Custom design can add
desired micro panel**

**Proven robust study
design oriented for
discovery**

**Illumina® WGS &
Analysis**