



Shotgun metagenomics

El servicio puede incluir identificación de ortólogos, mapeo genómico o reclutamiento, afiliación taxonómica y contextualización filogenética, abundancia relativa de grupos filogenéticos mayoritarios y estudio de genes con interés funcional especial o potencial (patogenicidad, resistencia, virulencia, biorremediación e identificación de genes de plásmidos).

ADDRESSED TO

Agriculture and livestock. Pre and probiotics effect on animals, Sequencing of isolated pathogens, Sequencing of isolated bacteria for biofertilizer improvements, Detection of potential pathogens in several crops.

Health-Care: Clinicians and pharma. White rooms monitoring, Characterization of isolated nosocomial microbes and virus, Functional diets monitoring, Resistome characterization.

Consumer goods industry. Sequencing of improve starters, Characterization of starters, Starters protection and patents, Biomarkers detection and enzymatic functions, Water quality control and functional activities.

Research centers. Genomic characterization, Comparative genomic studies on ecological relevant, Time dependent and biogeographical microevolutive studies, Genome strain characterization over epidemic events, Biomarkers detection and enzymatic functions.

WHAT CAN YOU EXPECT FROM US

High level of advice in the experimental design

q30 quality guaranteed for almost 70% reads

Annotation and functional interpretation with various software and custom pipeline

Custom report and faster results (4-5 weeks)

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