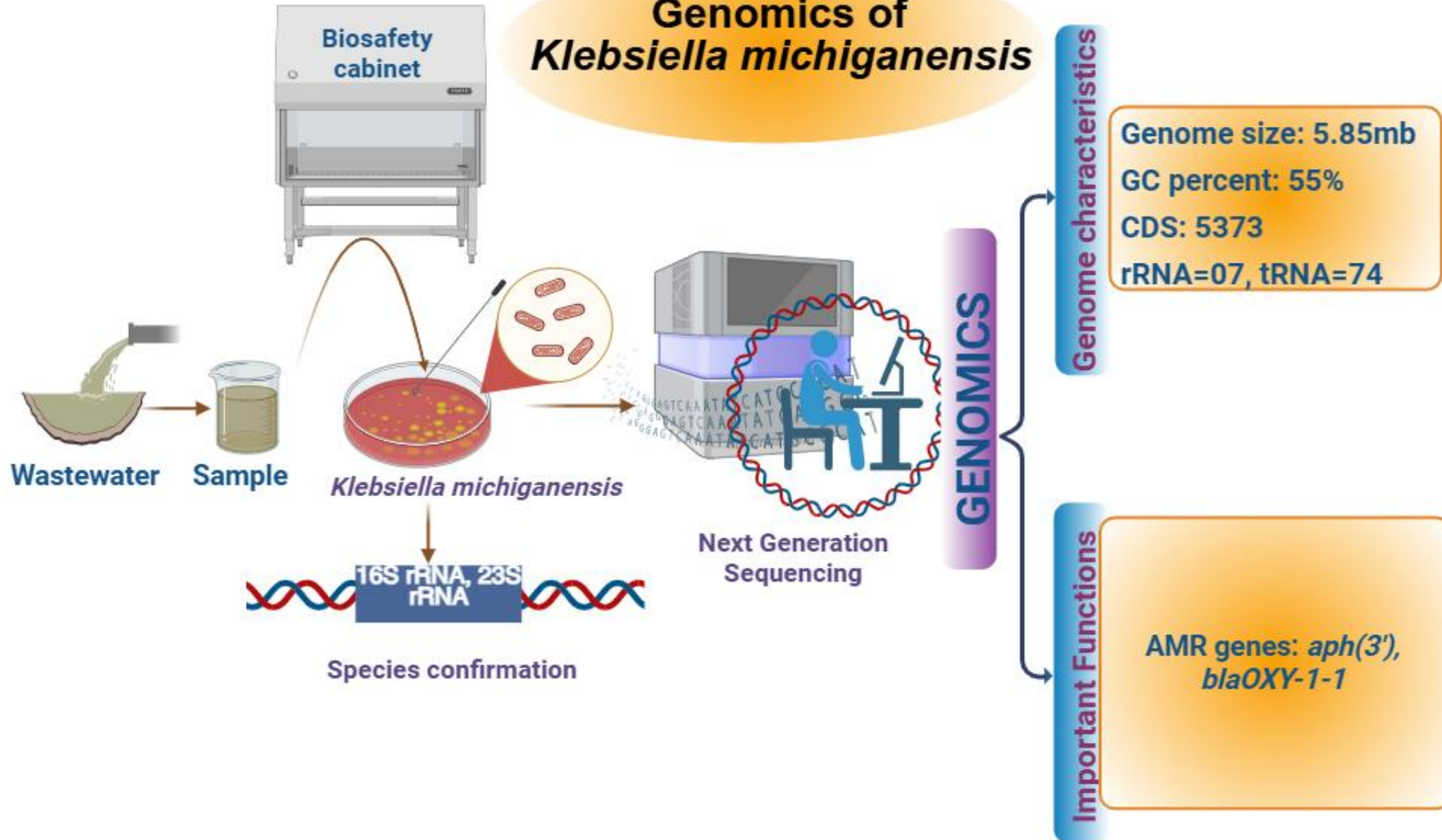




जैवप्रौद्योगिकी विभाग
DEPARTMENT OF
BIOTECHNOLOGY

सत्यमेव जयते

Genomics of *Klebsiella michiganensis*

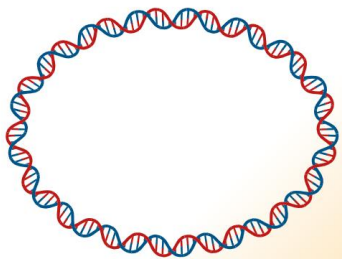


Genome Announcement: *Klebsiella michiganensis*

Accession#SAMEA116289711 (NCBI)

INS0005209 (IBDC)

1. Genome Sequencing



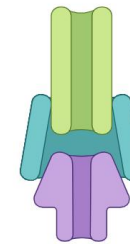
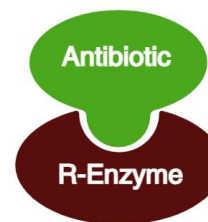
BRIC-THSTI
presenting the whole
genome sequence
of ***Klebsiella
michiganensis***
isolated from the
urban wastewater
source in India.

2. Analysis



This genomic
analysis uncovers
metabolic
versatility, ARGs,
virulence
determinants, and
adaptive
mechanisms for
environmental
stress.

3. Insights



Genomic insights
reveals the
presence of
blaOXY-1-1 and
aph(3') resistance
genes, highlighting
its potential as a
multidrug-resistant
pathogen..

4. Translation



The genomic
features
of ***Klebsiella
michiganensis*** are
pivotal for
understanding its
pathogenicity in
clinical environments
and guiding the
development of novel
therapeutic strategies

Klebsiella michiganensis: The Stealth Pathogen Lurking in Wastewater and Healthcare Settings