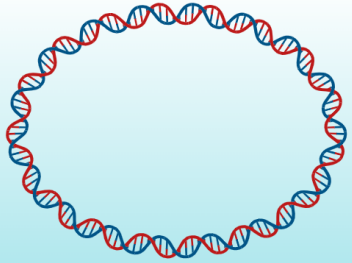


Genome Announcement: *Enterobacter spp.*

Accession#SAMEA116293623(NCBI)
INS0004987 (IBDC)

1. Genome Sequencing



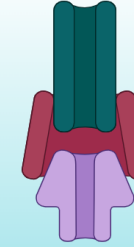
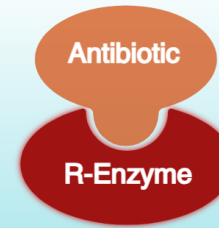
BRIC-THSTI
presenting the whole
genome sequence
of *Enterobacter spp.*
from the North
Indian wastewater
source.

2. Analysis



A thorough genomic
analysis highlights
the multidrug-
resistant (MDR)
phenotype, with
resistance
mechanisms
including a broad
spectrum of ESBL
genes.

3. Insights



Genomic insights
describe a MDR
profile with ESBL
potential (***blaMIR***),
efflux-mediated
resistance
(***acrA_EncIramA***)
and other ARGs

4. Translation



This genomic
evaluation informs
evidence-based AMR
policy, accelerates
the development of
rapid molecular
diagnostics, and
guides targeted
stewardship
interventions.

***Enterobacter spp.*:Cracking the code to stop the next antibiotic crisis!**



जैवप्रौद्योगिकी विभाग
DEPARTMENT OF
BIOTECHNOLOGY

सत्यमेव जयते

