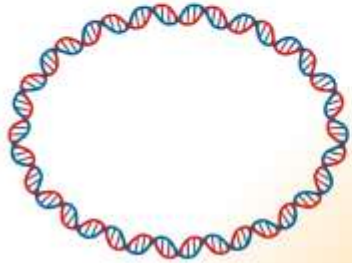


Genome Announcement: *Pseudomonas putida*

Accession#SAMEA116288348 (NCBI)
#INS0005112 (IBDC)

1. Genome Sequencing



BRIC-THSTI
presenting the whole
genome sequence
of ***Pseudomonas
putida*** isolated from
the Indian
wastewater source.

2. Analysis



The genomic analysis
provides a roadmap
for leveraging its
metabolic
capabilities,
environmental
resilience, and
biotechnological
potential.

3. Insights



Genomic insights
explore the presence
of versatile ARGs
including the
carbapenemase
genes, ***blaDIM-1***,
and aminoglycoside
resistance gene
ant(2'')-Ia revealing
their association with
MGEs.

4. Translation



***Pseudomonas
putida*** in sewage
water highlights its
potential application
in bioremediation
and waste water
treatment strategies
and also the
emerging resistance.

Pseudomonas putida: Microbial Allies Turn Risky



जैवप्रौद्योगिकी विभाग
DEPARTMENT OF
BIOTECHNOLOGY

