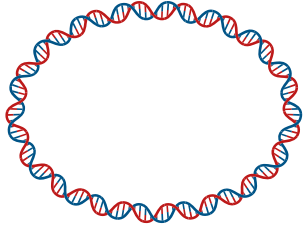


Genome Announcement: *Proteus mirabilis*

Accession#ERS21332210 (ENA)
INS0004948 (INDA)

1. Genome Sequencing



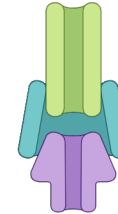
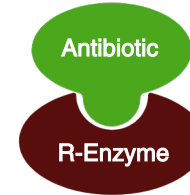
BRIC-THSTI
presenting the
complete genome
sequence of
Proteus mirabilis
isolated from Indian
wastewater from
the urban region.

2. Analysis



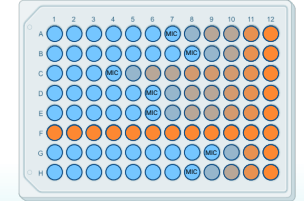
Through this genomic
analysis, we gain
valuable insights into
environmental
adaptability, antibiotic
resistance, virulence
factors and metabolic
capabilities.

3. Insights



Proteus mirabilis
has genes for
urease, hemolysin
and other toxins
which contribute to
tissue damage and
infection involved in
UTI.

4. Translation



Understanding this
genomic feature is
possible to target
urease and flagella
could lead to novel
treatment options for
P. mirabilis.

***Proteus mirabilis*: "An Alkalator" alkalizing acidic environment for biological adaptation**

