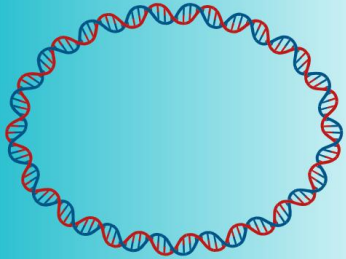


# Genome Announcement: *Providencia manganoxydans*

Accession#SAMEA116288277(NCBI)  
INS0004959 (IBDC)

## 1. Genome Sequencing



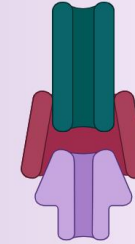
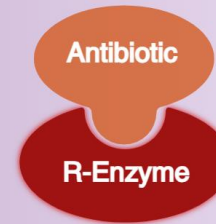
**BRIC-THSTI**  
presenting the whole  
genome sequence  
of *Providencia  
manganoxydans*  
from the North  
Indian sewage water  
source.

## 2. Analysis



Genomic analysis  
suggests potential  
resistance to multiple  
classes of antibiotics  
and identifies the  
presence of an efflux  
regulator gene **crp**  
which may contribute  
to the resistance  
mechnism.

## 3. Insights



The genomic Insights  
illustrate the  
presence of multiple  
resistance genes  
(**vanG, qacJ, FosA8,**  
**KpnH, KpnF**)  
including the **crp**, a  
global regulator gene  
of the efflux pump.

## 4. Translation



This genomic  
evaluation calls for a  
for specific actions,  
including improved  
surveillance and  
infection control for  
the betterment of the  
public health.

***Providencia manganoxydans*: An environmental bacterium with clinical resistance profile**

