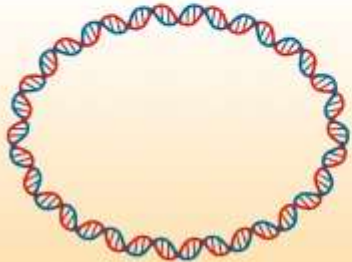


Genome Announcement: *Bordetella trematum*

Accession#SAMEA116293625(NCBI)
#INS0005139 (IBDC)

1. Genome Sequencing



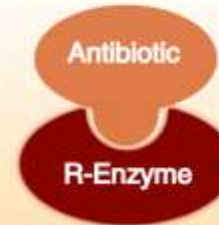
BRIC-THSTI
presenting the whole
genome sequence
of ***Bordetella
trematum*** from the
Indian waste water
source.

2. Analysis



This genomic
analysis
demonstrate the
presence of efflux
gene coding
resistance to
quinolone group of
antibiotics.

3. Insights



Genomic insights
depicts the presence
of RND-type efflux
pump gene ***adeF***
within this bacterium
which may contribute
to intrinsic or
accrued anti-
microbial resistance.

4. Translation



The detection of this
rare emerging
pathogen carrying
AMR gene supports
the waste water
based epidemiology
study to monitor
AMR spread in
communities.

***Bordetella trematum*: The Rare Bug, Real Threat**



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