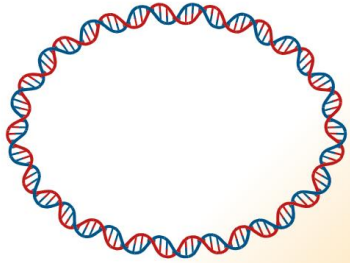


Genome Announcement: *Paenibacillus spp.*

Accession# SAMEA120513486(NCBI)
#INS0022920 (IBDC)

1. Genome Sequencing



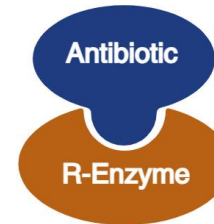
BRIC-THSTI
presenting the whole
genome sequence
of *Paenibacillus*
spp. isolated from
the pancreatic tissue
of the Indian adult.

2. Analysis



The genomic
features
demonstrates an
opportunistic
pathogen or a
intratumoral
microbiota especially
in pancreatic
diseases warrants a
focus on its safety
and virulence.

3. Insights



The specific detection
of *vatB* against the
virginiamycin
provides and
CRISPR based
defence system
insight into the exact
mechanisms of this
bacterium uses to
protect itself against
phages.

4. Translation



Paenibacillus spp.
is exceptionally high,
primarily focusing on
Clinical/Medical and
Public Health
applications, like
understanding its role
in pancreatic health/
disease.

***Paenibacillus spp.*: From Soil Dweller to Pancreatic Invader**



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