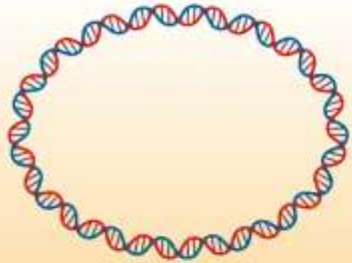


Genome Announcement: *Limosilactobacillus portuensis*

Accession#SRR28593025 (NCBI)
#INS0004703 (IBDC)

1. Genome Sequencing



BRIC-THSTI
presenting the whole
genome sequence
of
***Limosilactobacillus
portuensis*** from the
reproductive tract of
Indian women.

2. Analysis



The genomic profile
paints a picture of ***L.
portuensis*** to
compete against
pathogens and an
adaptive and
resilient mechanism
for its own survival.

3. Insights



Genomic insights
reveal that AMP and
T3PKS production
boost microbial
competitiveness,
while SufB/D and
MntH enhance
survival through
cofactor assembly
and metal uptake

4. Translation



This genomic
analysis offers a
roadmap to leverage
*Limosilactobacillus
portuensis* for drug
discovery, health
improvement, and
industrial innovation.

***Limosilactobacillus portuensis*: A microbial treasure chest to battle against the pathogens**

Whole Genome sequence of *Limosilactobacillus portuensis*

