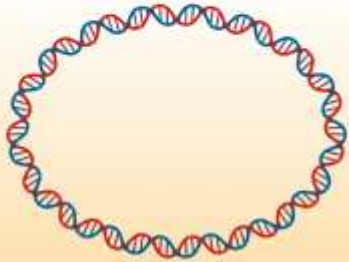


Genome Announcement: *Lactobacillus mulieris*

Accession#SRR28593056 (NCBI)
#INS0004577 (IBDC)

1. Genome Sequencing



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

2. Analysis



The genomic
analysis of ***L.
mulieris*** explores
the role of
antimicrobial
peptides in
reproductive health
and their adaptability
to adverse
environmental
conditions.

3. Insights



Genomic analysis
indicates that
Lanthipeptides, the
Fe-S cluster system,
and Neopullulanase
activity contribute to
probiotic functions
supporting
reproductive health

4. Translation



These findings pave
the way for
developing **live
biotherapeutic**
products designed to
prevent bacterial
vaginosis and lower
the risk of preterm
birth.

Lactobacillus mulieris: Genomic finesse meets feminine resilience

Whole Genome sequence of *Lactobacillus mulieris*

