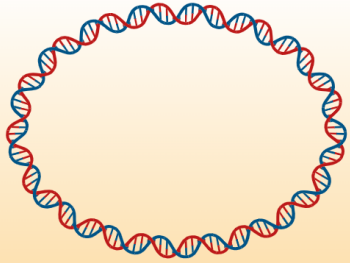


Genome Announcement: *Limosilactobacillus fermentum*

Accession#SRR28592977 (NCBI)
#INS0004627 (IBDC)

1. Genome Sequencing



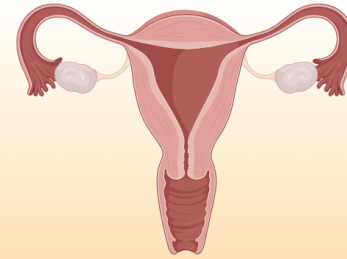
BRIC-THSTI
presenting the whole
genome sequence of
***Limosilactobacillus
fermentum*** from the
reproductive tract of
Indian women.

2. Analysis



Our findings suggest
that ***L. fermentum***
may be the robust
metabolic and stress-
response systems
are characteristic
features of well-
adapted probiotic.

3. Insights



Genomic insights
show oxidative
stress resilience via
the **Suf** system,
enabling ***L.
fermentum*** to adapt
and thrive in the
vaginal microbiome.

4. Translation



L. fermentum
provides a scientific
foundation for
practical use in
women's vaginal
health—as a
probiotic, diagnostic
tool, or source of
novel therapeutic
insights.

***Limosilactobacillus fermentum*: A metabolic multitasker for better reproductive health**

Whole Genome sequence of *Limosilactobacillus fermentum*

