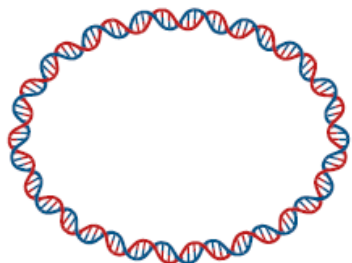


Genome Announcement: *Faecalibacterium prausnitzii*

Accession#CP023819 (NCBI)
INGCA000000151 (INDA)

1. Genome Sequencing



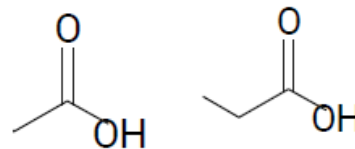
BRIC-THSTI
presenting the
complete genome
sequence of
*Faecalibacterium
prausnitzii* isolated
from the gut of a
healthy Indian adult.

2. Analysis



Through this genomic
analysis, we gain
valuable insights into
the specific genes
involved in
fermentation of
dietary carbohydrates
into short-chain fatty
acids

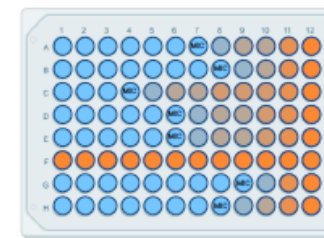
3. Insights



Short Chain Fatty Acids

F. prausnitzii plays
an important role in
host physiology by
modulating gut
immunity and
inflammation and
several metabolic
functions to human.

4. Translation



Understanding this
genomic feature is
essential to prevent
severity in
inflammatory bowel
disease and
undernutrition.

***Faecalibacterium prausnitzii* : A Rising Star in the World of Probiotics**

Genomics of *Faecalibacterium prausnitzii*

