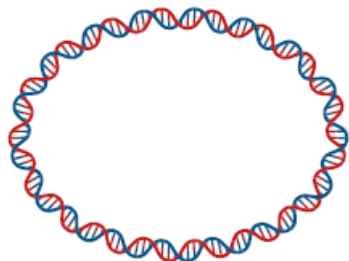


Genome Announcement: *Megasphaera elsdenii*

Accession# NQMW000000000 (NCBI)
INGCA000000189(INDA)

1. Genome Sequencing



BRIC-THSTI

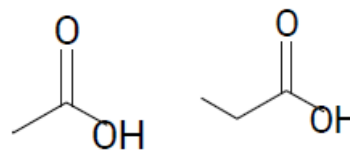
presenting the whole genome sequence of *Megasphaera elsdenii* isolated from the stool sample of a healthy Indian subject.

2. Analysis



Through this genomic analysis, we gain valuable insights for its ability to ferment various carbohydrates and organic acids, producing short chain fatty acids.

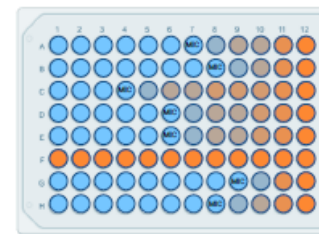
3. Insights



Short Chain Fatty Acids

M. elsdenii plays an important role in maintaining the microbial balance within the gut, regulate the pH and modulates immune response.

4. Translation



Understanding the genomic feature of *M. elsdenii* will help in developing synbiotic for improving gut health.

***Megasphaera elsdenii*: A signature taxon of Indian gut microbiome.**

Genomics of *Megasphaera elsdenii*

