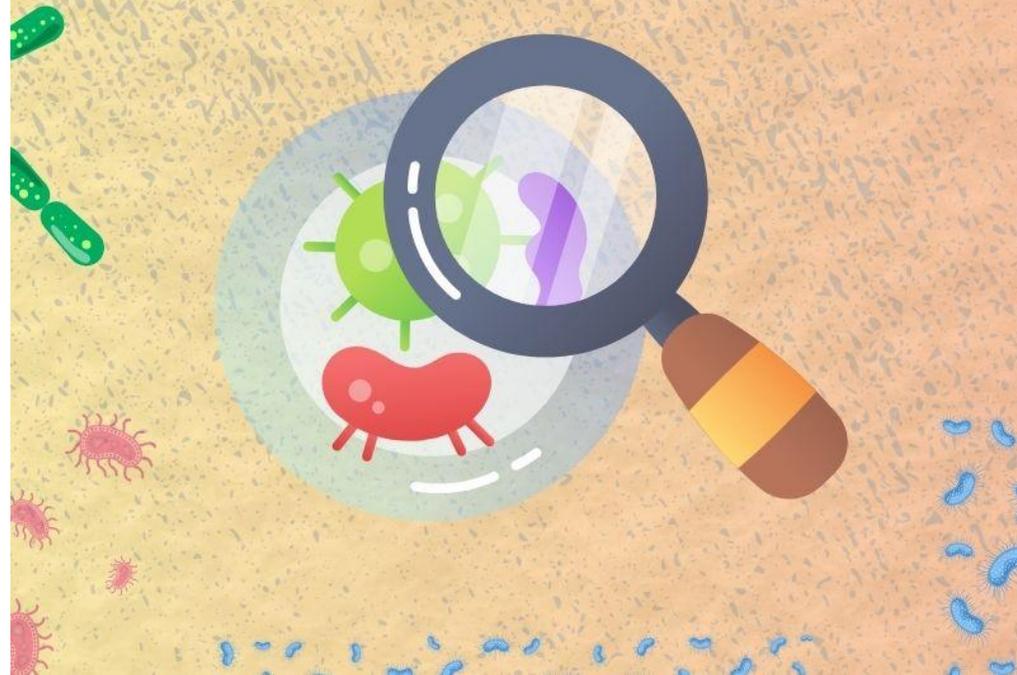


# ONE DAY ONE GENOME

*Paraclostridium bifermentans*

ISOLATED FROM THE STOOL SAMPLE OF  
A COLORECTAL CANCER PATIENT



# *Paraclostridium bifermentans*

Genome Accession Number: INS0026119

## Quality of Genome Assembly and Annotation:

Results from indigenously developed **BHARAT** analysis pipeline: (**B**acterial **H**ybrid genome **A**ssembly and **R**apid **A**nnotation **T**oolset)

## Subsystem Analysis

Table 1: Assembly Details		Table 2: Annotated Genome Features	
Contigs	48	CDS	3,798
GC Content	29.96	tRNA	77
Contig L50	3	Repeat Regions	0
Genome length	3,846,419 bp	rRNA	5
Contig N50	215,752		

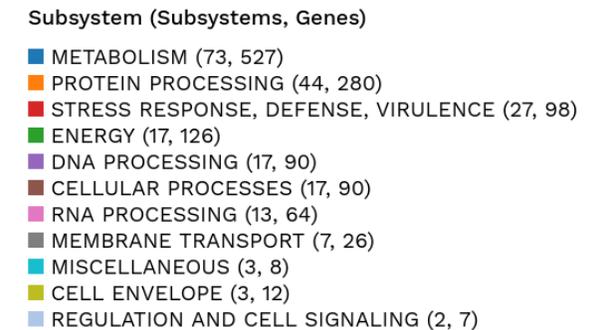
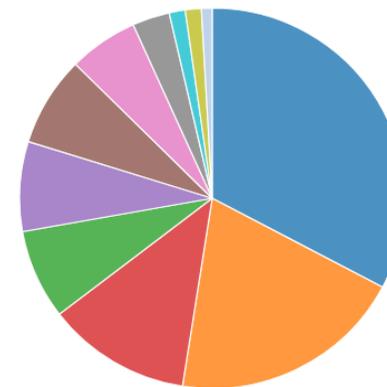


Table 3: Antimicrobial Resistance Genes	
AMR Mechanism	Genes
Antibiotic activation enzyme	KatG
Antibiotic target in susceptible species	Alr, Ddl, dxr, EF-G, EF-Tu, folA, Dfr, folP, gyrA, gyrB, Iso-tRNA, kasA, MurA, rho, rpoB, rpoC, S10p, S12p
Protein altering cell wall charge conferring antibiotic resistance	GdpD, MprF, PgsA
Gene conferring resistance via absence	gidB
Efflux pump conferring antibiotic resistance	TetA(P)

## Genome Assembly

