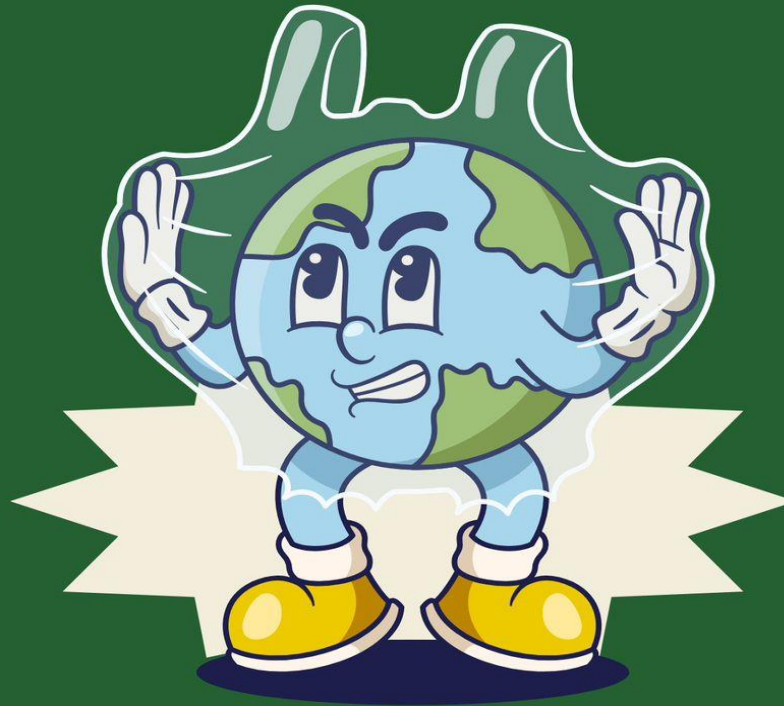




ONE DAY ONE GENOME

Natrialba swarupiae



Helps in formation of Biodegradable
Bioplastic precursor

Natrialba swarupiae

Genome Accession Number: VTAW000000000

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)

Table 1: Assembly Details	
Contigs	99
GC Content	62.52
Contig L50	11
Genome length	4,201,486 bp
Contig N50	129,190

Table 2: Annotated Genome Features	
CDS	4,613
tRNA	46
Repeat Regions	0
rRNA	3

Subsystem Analysis

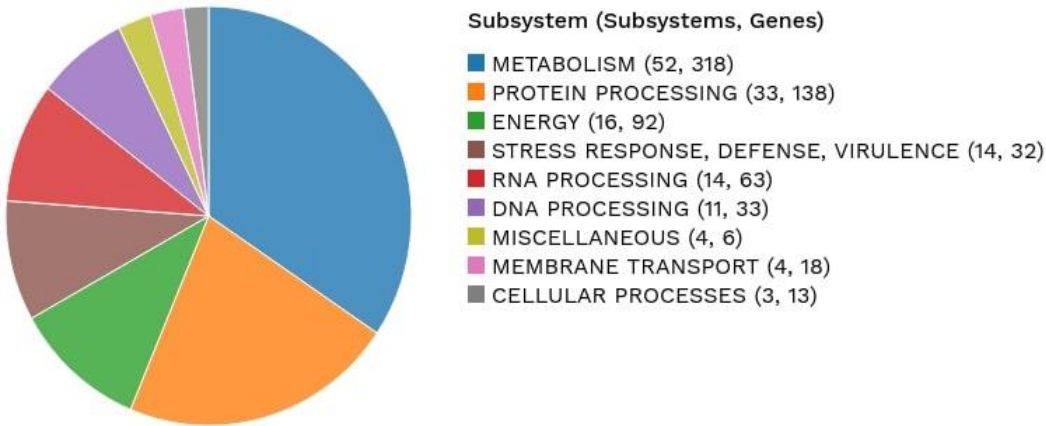


Table 3: Antimicrobial Resistance Genes	
AMR Mechanism	Genes
Antibiotic target in susceptible species	folA, Dfr, gyrA, gyrB, Iso-tRNA
Antibiotic activation enzyme	KatG
Protein altering cell wall charge conferring antibiotic resistance	GdpD

Genome Assembly

