



ONE DAY ONE GENOME

Alkalihalobacterium elongatum

THRIVES AT PH-10 AND ADAPTS TO EXTREME ENVIRONMENT



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	61
GC Content	36.47
Contig L50	9
Genome length	4,810,093 bp
Contig N50	125,736

Table 2: Annotated Genome Features	
CDS	4,837
tRNA	41
Repeat Regions	0
rRNA	5

Subsystem Analysis

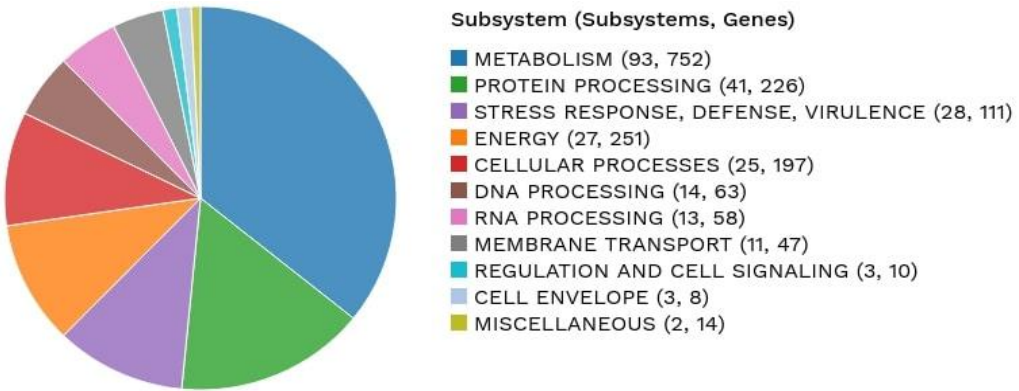


Table 3: Protein Features	
Proteins with functional assignments	2,742
Proteins with EC number assignments	1,028
Proteins with GO assignments	880
Proteins with Pathway assignments	794
Proteins with PATRIC cross-genus family (PGfam) assignments	3,278

Genome Assembly

