



Government of India
Ministry of Science & Technology
Department of Biotechnology



One Day One Genome

Dyadobacter sp



From Himalayan soil to genome science a rising
star in Cold-Environment Biotech

Dyadobacter sp.

Genome Accession Number: VSRN01

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	13
GC Content	46.50
Contig L50	1
Genome length	6,925,362 bp
Contig N50	6,918,535

Table 2: Annotated Genome Features	
CDS	6,122
tRNA	44
Repeat Regions	90
rRNA	2

Subsystem Analysis

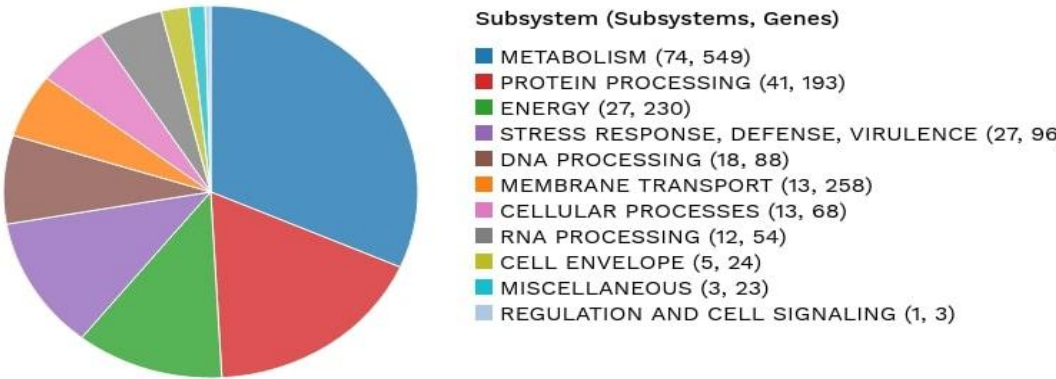


Table 3: Protein Features	
Proteins with functional assignments	3,429
Proteins with EC number assignments	943
Proteins with GO assignments	811
Proteins with Pathway assignments	728
Proteins with PATRIC genus-specific family (PLfam) assignments	4,405
Proteins with PATRIC cross-genus family (PGfam) assignments	4,664

Genome Assembly

