



Government of India
Ministry of Science & Technology
Department of Biotechnology



ONE DAY ONE GENOME

Rhizobium sp.

THE STRAIN CAN BE USED AS A
POTENTIAL PLANT GROWTH PROMOTER



Rhizobium sp.

Genome Accession Number: SRR32628270

Quality of Genome Assembly and Annotation:

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

Table 1: Assembly Details	
Contigs	78
GC Content	60.93
Contig L50	8
Genome length	6,211,013 bp
Contig N50	245,452

Table 2: Annotated Genome Features	
CDS	6,331
tRNA	53
rRNA	3

Subsystem Analysis

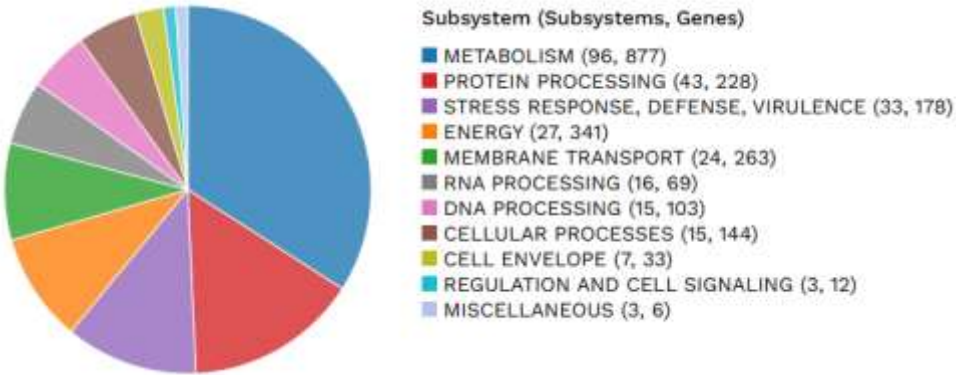


Table 3: Protein Features	
Proteins with GO assignments	1158
Proteins with functional assignments	4444
Proteins with Pathway assignments	1022
Proteins with PATRIC genus-specific family (PLfam) assignments	5679
Proteins with PATRIC cross-genus family (PGfam) assignments	5782

Genome Assembly

