



ONE DAY ONE GENOME

Paenibacillus oleatilyticus

The bacterium's ability to degrade cellulose can be beneficial in
biofuel production processes



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	236
GC Content	53.16
Contig L50	13
Genome length	7,899,415 bp
Contig N50	183,783

Table 2: Annotated Genome Features	
CDS	7,988
tRNA	89
Repeat Regions	0
rRNA	6

Subsystem Analysis

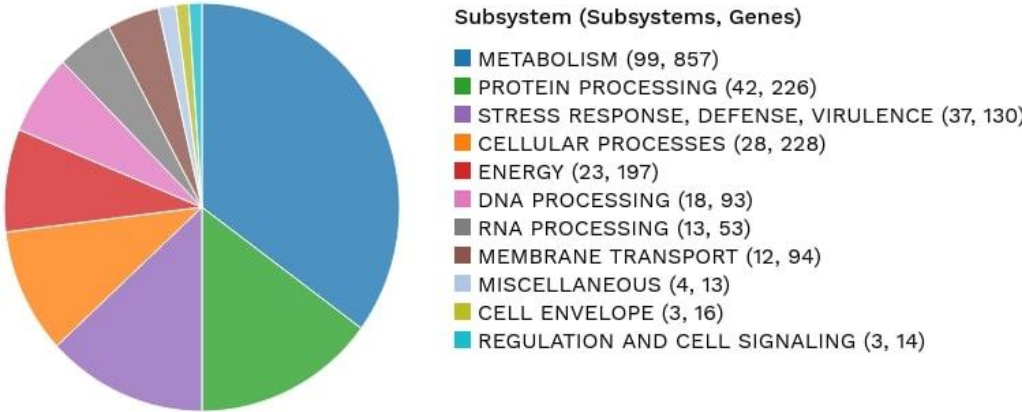


Table 3: Protein Features	
Proteins with functional assignments	4,523
Proteins with EC number assignments	1,237
Proteins with GO assignments	1,057
Proteins with Pathway assignments	945
Proteins with PATRIC genus-specific family (PLfam) assignments	6,531
Proteins with PATRIC cross-genus family (PGfam) assignments	6,747

Genome Assembly

