



Government of India
Ministry of Science & Technology
Department of Biotechnology



ONE DAY ONE GENOME

Kosakonia oryzendophytica

- » Isolated from the root nodule of a wild legume of Imphal, East district of Manipur
- » It produces the growth hormone such as indole acetic acid



Kosakonia oryzendophytica

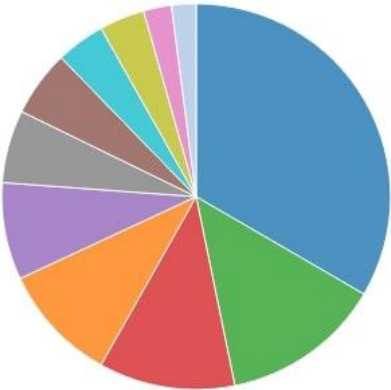
Genome Accession Number: **SRR32634848**

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	43
GC Content	54.33
Contig L50	4
Genome length	5,229,859 bp
Contig N50	632,108

Table 2: Annotated Genome Features	
CDS	4,993
tRNA	714
Repeat Regions	0
rRNA	3



Subsystem Analysis

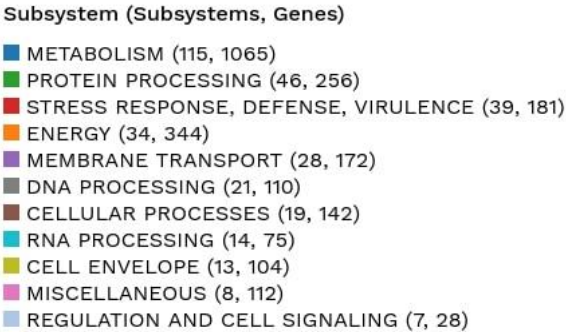


Table 3: Protein Features	
Proteins with GO assignments	1103
Proteins with functional assignments	4175
Proteins with Pathway assignments	9736
Proteins with PATRIC genus-specific family (PLfam) assignments	4414
Proteins with PATRIC cross-genus family (PGfam) assignments	4691

Genome Assembly

