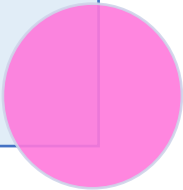


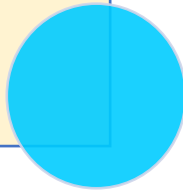
Hydrogenophaga crocea (MCC 3062) Accession number: [CP049989](#)

One Day
One
Genome

The novel *Hydrogenophaga crocea* genome unlocks biofuel production potential, supporting India's clean energy goals and green economy growth



With biofuel capabilities, *H. crocea* offers sustainable energy solutions, boosting commercial biofuel ventures and job creation in India

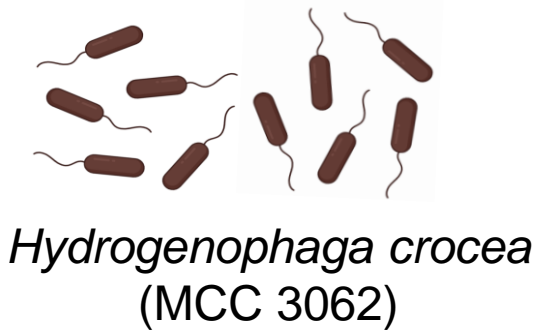


Fueling India's Future with Bio-Innovation!

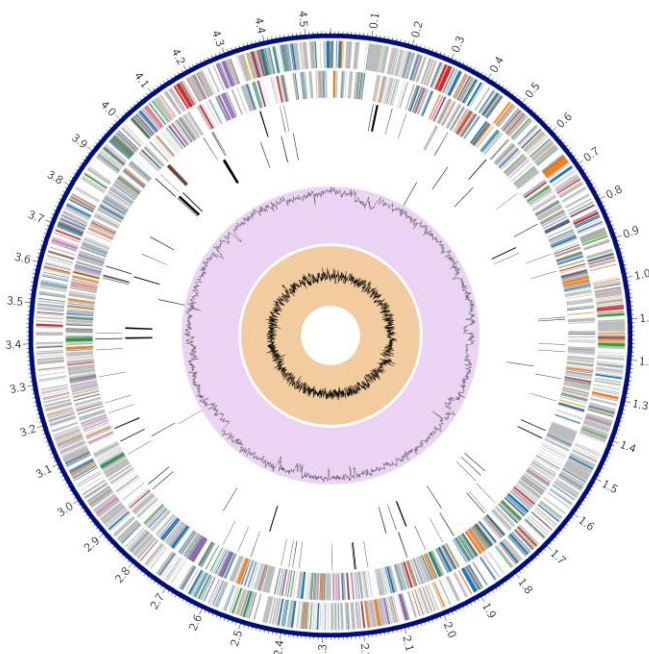
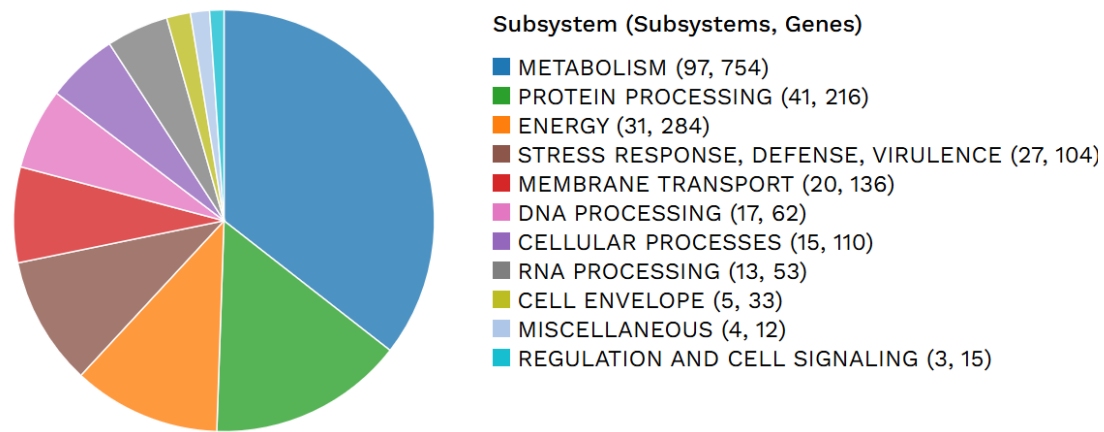


Organism name	Genome Accession number	Culture type	Isolated from	Pathogenicity	Genome Size	No. of Genes	Pathogenic genes	Importance
Hydrogenophaga crocea (MCC 3062)	CP049989	Gram negative, short-rod shaped and motile	Cyanobacterial mat of sugarcane field	Non pathogenic	4,561,131 base pair	4,344	EmrAB-OMF, EmrAB-TolC, MacA, MacB, MdtABC-OMF, MdtABC-TolC, GdpD, PgsA	Commercial application of biofuel production

A novel, bacterial species of genus *Hydrogenophaga*, isolated from sugarcane field of Ahmednagar, India, could be useful for commercial application of biofuel production



- Genome accession number – [CP049989](#)
- Genome Size – 4,561,131 base pair
- Genes – 4,344



Quality of Genome Assembly and Annotation

Hydrogenophaga crocea (MCC 3062)

Complete genome accession number
[CP049989](#)

Table 1. Assembly Details		
Contigs		1
GC Content		69.42
Plasmids		0
Contig L50		1
Genome Length		4,561,131 bp
Contig N50		4,561,131
Chromosomes		0

Table 2. Annotated Genome Features		
CDS		4,344
tRNA		46
Repeat Regions		42
rRNA		6
Partial CDS		0
Miscellaneous RNA		0
Job ID		annotation_1981703