Brief information

Klebsiella indica (MCC 2901)

Accession: VCHQ00000000

One Day
One
Genome

The genome of a novel *Klebsiella* species isolated from a humble tomato was sequenced!

A New Indian Wonder Bug This nitrogen-fixing bacterium could revolutionize Indian agriculture, promoting sustainable farming practices.

From Soil to Science, Serving India!

Organism name	Genome Accession number	Culture type	Isolated from	Pathogeni city	Genome Size	No. of Genes	Pathogenic genes	Importance
Klebsiella indica (MCC 2901)	VCHQ00000000	Gram negative, rod shaped, non motile facultatively anaerobic	Outer surface of a tomato	Non pathogeni c	5,244,638 base pair	5,088	MacB, MdtA/Cmr, MdtABC-	itrogen fixing acteria could be important n agriculture

Infographic

A novel, non pathogenic bacterial species of genus Klebsiella, named after India

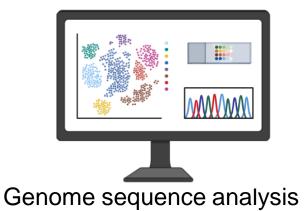


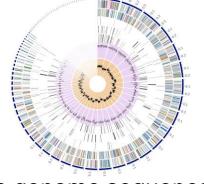
Klebsiella indica (MCC 2901)



Isolated from outer surface of tomato

- Genome accession number VCHQ00000000
- ➤ Genome Size 5,244,638 base pair
- ➤ Genes 5,088





Reference genome sequence

This bacteria can have beneficial application in agriculture.



Access Genome

Quality of Genome Assembly and Annotation

Klebsiella indica (MCC 2901)

Reference genome accession number VCHQ0000000

Table 1. Assembly Details	
Contigs	86
GC Content	53.53
Plasmids	0
Contig L50	11
Genome Length	5,244,638 bp
Contig N50	191,451

Table 2. Annotated Genome Features	
CDS	5,088
trna	86
Repeat Regions	61
rRNA	33
Partial CDS	0
	CDS tRNA Repeat Regions rRNA