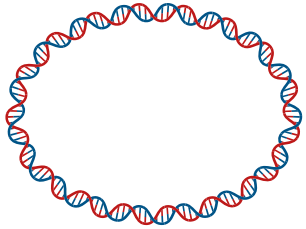
Genome Announcement: *Aeromonas veronii*

Accession#ERS21332244 (ENA)
INS0005028 (INDA)

1. Genome Sequencing

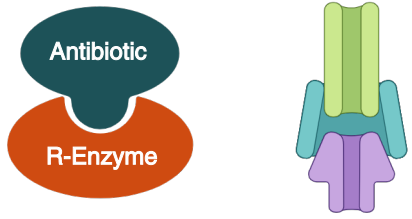


BRIC-THSTI presenting the complete genome sequence of ***Aeromonas veronii*** isolated from Indian wastewater.

2. Analysis

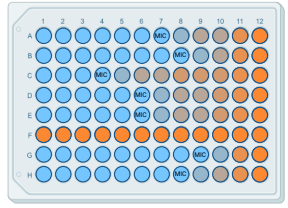
Genomic analysis helps to gain the information on pathogenicity, biofilm formation and antibiotic resiostance mechanism.

3. Insights



Aeromonas veronii produce cytoxins, hemolysin and genes involved in resistance to β-lactam, aminoglycosides and others.

4. Translation



Understanding this genomic makeup strtegies for wastewater management and also to develop better diagnostic tools and treatments for infection.

Aeromonas veronii: **The resilient microbe thriving in wastewater and defying antibiotics**

भारत सरकार GOVERNMENT OF INDIA | विज्ञान और प्रौद्योगिकी मंत्रालय MINISTRY OF SCIENCE AND TECHNOLOGY

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DEPARTMENT OF
BIOTECHNOLOGY

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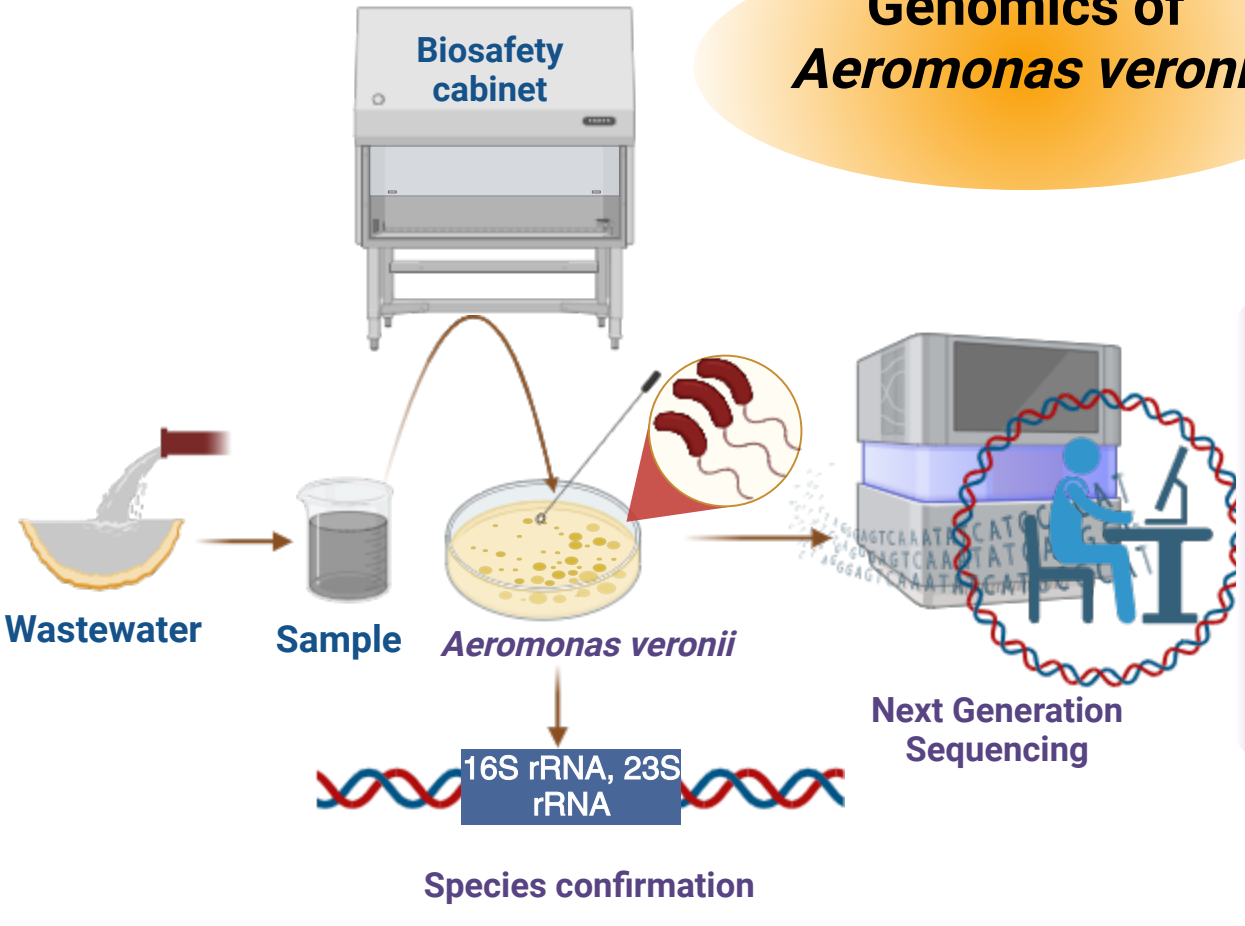
Genomics of *Aeromonas veronii*



Genome characteristics

Genome size: 4.55mb
GC percent: 58%
CDS: 4140
rRNA=10, tRNA=100

Important Functions

AMR genes: *aac(6')*, *ant(3")-IIa*, *blacphA*, *blaOXA*, *qnrVC*, *dfr*, *sul*