

*HER number*

163

## Identification

*Name*

MJ-1

*Morphotype*

B1 (Siphophage)

*Other designations*

## Taxonomy

*Realm*

Duplodnaviria

*Kingdom*

Heunggongvirae

*Phylum*

[Uroviricota](#)

*Class*

Caudoviricetes

*Order*

*Family*

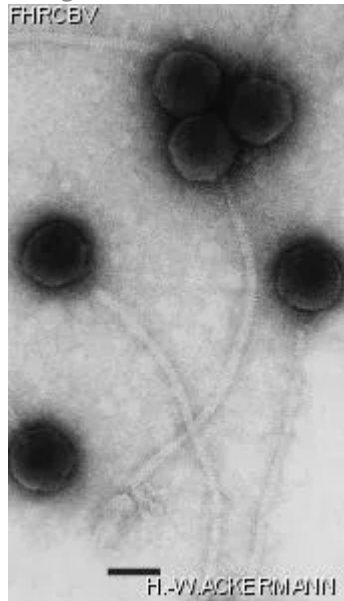
*Genus*

*Species*

## Images

*Electron Micrograph*

*Image*



*Image description*

Magnification: 297,000X

Bar: 50 nm

Staining: UA

*Characteristics*

Plaques : 0.5 mm, clear.  
Isolated from soil.  
Specific for \*Bacillus megaterium\*.  
Some similarity to phages CS-1 and CK-1.

*Genomic sequence*

Deactivated

## Propagation conditions

*Bacterial hosts*

1163

*Reference*

Van Elsas, J.D., and E.G.C. Penido. 1982. Characterization of a new \*Bacillus megaterium\* bacteriophage, MJ-1, from tropical soil. *Antonie van Leeuwenhoek, J. Microbiol. Serol.* 48:365-371.

*Remarks*

## History

*History*

**Received from**

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**Date**

04-13-1983

**Isolated by**

J.D. van Elsas,  
Rio de Janeiro,  
Brazil

**Date**

1978

*Source*

**Soil**

*Updated at*

**2024-01-16**