

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

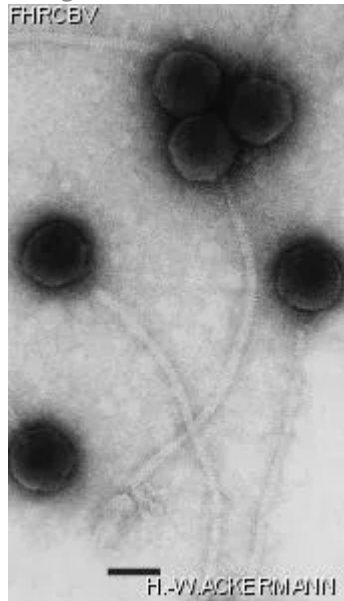


Image description

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

Prof. Jan Dirk van Elsas,
Instituto de Microbiologia da Universidade Federal do
Rio de Janeiro,
Centro de Ciências da Saude, Bloco "I",
Ilha do Fundao,
Rio de Janeiro,
RJ 21.944,
Brazil

Date

04-13-1983

Isolated by

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

Date

1978

Source

Soil

Updated at

2024-01-16