

HER number
414

Identification

<i>Name</i> 414	<i>Morphotype</i> A1 (Myophage)	<i>Other designations</i>
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Taxonomy

<i>Realm</i>	<i>Kingdom</i>	<i>Phylum</i>	<i>Class</i>
<i>Order</i>	<i>Family</i> ?1	<i>Genus</i>	<i>Species</i>

Images

Electron Micrograph

Image
FHRGBV



Image description

Magnification: 297,000X
Bar: 50 nm
Staining: PT

Characteristics
Plaques 0.1 mm?
Areas of confluent lysis are veiled.

Genomic sequence
Deactivated

Propagation conditions

Bacterial hosts

1414

Reference

Ahmed, R., P. Sankar-Mistry, S. Jackson, H.-W. Ackermann, S.S. Kasatiya. 1995. *Bacillus cereus* phage typing as an epidemiological tool in outbreaks of food poisoning. J. Clin. Microbiol. 33: 636-640.

Remarks

Propagation is better on *B. thuringiensis* 2 HER 1230.

If troubles with 1414, mobilize the strain.

Morphologically identical with noncultivated *B. megaterium* phage.

Tail has 3 long, thick, wavy fibers and is morphologically identical with phage tails produced by *C. saccharoperbutylacetonium* (nonpublished).

One of the largest phages known, apparently temperate.

Typing phage for *B. cereus*.

Propagate not more than 6h

History

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Received from

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Date

10-1993

Isolated by

Rafiq Ahmed

Date

12-07-1993

Source

Sewage treatment plant, Ottawa

Updated at

2024-01-22