Phage HER 414

HER number
414

Identification

Name	*Morphotype*	*Other designations*	
Bace-11	A1 (Myophage)		

Taxonomy

Realm	*Kingdom*	*Phylum*	*Class*

Order	*Family*	*Genus*	*Species*
	?1		

Images

Electron Micrograph Image

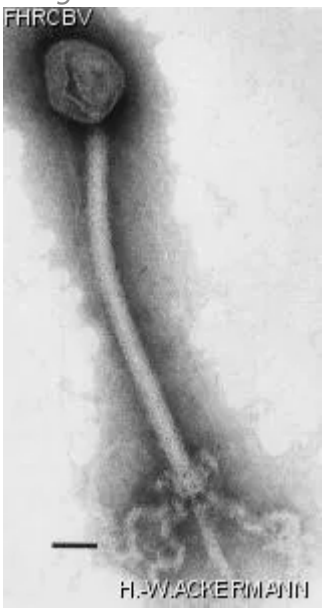


Image description
Magnification: 297,000X
Bar: 50 nm
Staining: PT

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
Rafiq Ahmed and Dr S.S. Kasatiya
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Ottawa Public Health Laboratory
2380 St-Laurent blvd.
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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