

*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

### *History*

#### **Received from**

Rafiq Ahmed and Dr S.S. Kasatiya  
Ontario Public Health Laboratory  
Ottawa Public Health Laboratory  
2380 St-Laurent blvd.  
Ottawa, Ontario, K1G 5A4, Canada

#### **Date**

10-1993

#### **Isolated by**

Rafiq Ahmed

#### **Date**

12-07-1993

### *Source*

Sewage treatment plant, Ottawa

### *Updated at*

2024-01-22