

HER number

278

## Identification

Name  
Tohama

Morphotype  
B1 (Siphophage)

Other designations

## Taxonomy

Realm  
*Duplodnaviria*

Kingdom  
*Heunggongvirae*

Phylum  
[Uroviricota](#)

Class  
*Caudoviricetes*

Order

Family

Genus

Species

## Images

Electron Micrograph

Image

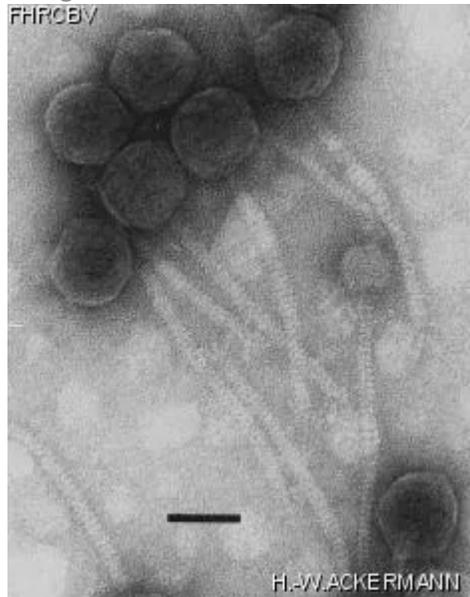


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UA

<i>Characteristics</i> Plaques of 1.0-1.5 mm.	<i>Genomic sequence</i> Deactivated
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## Propagation conditions

### *Bacterial hosts*

1278

### *Reference*

Lapaeva, I.A., S.M. Mebel, N.A. Pereverzev, and L.N. Sinyashina. 1980. \*Bordetella pertussis\* bacteriophage. Zh. Mikrobiol. Epidemiol. Immunobiol. 85-90.

Mebel, S., I.A. Lapaeva, S. Rustenbach, and I. Uerling. 1981. Spontaneous release of phage from strains of \*Bordetella pertussis\* used for vaccine production. FEMS Microbiol. Lett. 12: 233-235.

### *Remarks*

Morphologically unstable in cesium chloride gradient at average density 1.45 g/cm<sup>3</sup>. Also held in the Collection of the WHO Collaborating Center for Research and Reference on \*Bordetella pertussis\*, Gamaleya Institute, Moscow.

## History

### *History*

#### **Received from**

Dr I.A. Lapaeva  
Laboratory of Respiratory Infections  
Gamaleya Research Institute of Epidemiology  
Moscow 123098, Gamaleya st. 18, Russia

#### **Date**

12-10-1986

#### **Isolated by**

Irina Lapaeva  
Gamaleya Institute of Epidemiology and Microbiology  
Moscow

#### **Date**

1986

### *Source*

\*Bordetella pertussis\* Tohama phase I

*Updated at*  
**2024-01-19**