

*HER number*  
278

## Identification

<i>Name</i> 278	<i>Morphotype</i> B1 (Siphophage)	<i>Other designations</i>	
--------------------	--------------------------------------	---------------------------	--

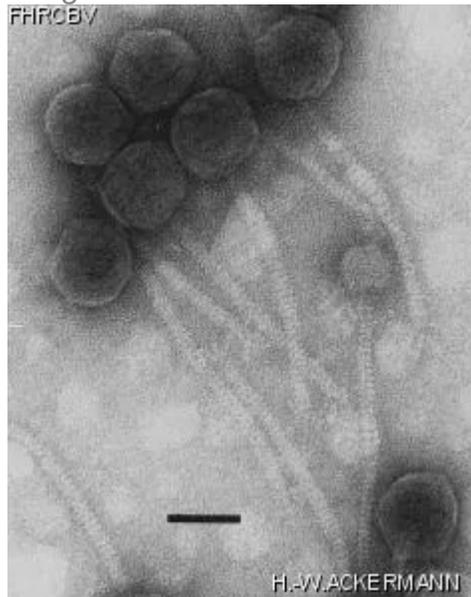
## Taxonomy

<i>Realm</i> <i>Duplodnaviria</i>	<i>Kingdom</i> <i>Heunggongvirae</i>	<i>Phylum</i> <a href="#"><i>Uroviricota</i></a>	<i>Class</i> <i>Caudoviricetes</i>
<i>Order</i>	<i>Family</i>	<i>Genus</i>	<i>Species</i>

## Images

*Electron Micrograph*

*Image*



*Image description*

Magnification: 297,000X

Bar: 50 nm

Staining: UA

*Characteristics*

Plaques of 1.0-1.5 mm.

*Genomic sequence*

Deactivated

## 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