

HER number

97

## Identification

Name  
PBS1

Morphotype  
A1 (Myophage)

Other designations

## Taxonomy

Realm  
*Duplodnaviria*

Kingdom  
*Heunggongvirae*

Phylum  
[Uroviricota](#)

Class  
*Caudoviricetes*

Order

Family

Genus  
*Takhashivirus*

Species  
*Takhashivirus PBS1*

## Images

Electron Micrograph

Image



Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UAB

### *Characteristics*

Plaques: 0.1, clear to veiled.  
Helical and contraction fibers, very large size  
Thymine replaced by uracil.  
Generalized transduction  
Very stable  
Takahashi: Penassay broth  
Tryptose blood agar base  
Schaeffer's spore medium.

### *Genomic sequence*

Activated

## **Propagation conditions**

### *Bacterial hosts*

1097

### *Reference*

Eiserling, F. A. 1963. \*Bacillus subtilis\* bacteriophages: structure, intracellular development and conditions of lysogeny. Ph.D. thesis, University of California, Los Angeles. pp. 1-127.

### *Remarks*

Description of the media used are available upon request.

## **History**

### *History*

#### **Isolated by**

Dr. I. Takahashi,  
Departement of Biology,  
McMaster University

#### **Date**

1960

#### **Received from**

Dr. I. Takahashi,  
Departement of Biology,  
McMaster University,  
Hamilton, ON.  
Canada, L8S 4K1

#### **Date**

5-04-1982

*Source*

Soil, Ottawa, Canada

*Updated at*

2024-01-16