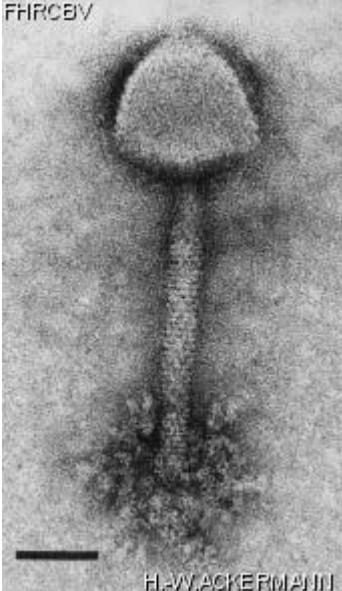


<p><i>HER number</i> 141</p>			
<h2>Identification</h2>			
<i>Name</i> 141	<i>Morphotype</i> A1 (Myophage)	<i>Other designations</i>	
<h2>Taxonomy</h2>			
<i>Realm</i> <i>Duplodnaviria</i>	<i>Kingdom</i> <i>Heunggongvirae</i>	<i>Phylum</i> <u><i>Uroviricota</i></u>	<i>Class</i> <i>Caudoviricetes</i>
<i>Order</i>	<i>Family</i>	<i>Genus</i>	<i>Species</i>
<h2>Images</h2>			
<p><i>Electron Micrograph</i></p> <p><i>Image</i></p> <p>FHRCBV</p>  <p>H.-W. ACKERMANN</p>	<p><i>Image description</i></p> <p>Magnification: 297,000X</p> <p>Bar: 50 nm</p> <p>Staining: UAB</p>		

<p><i>Characteristics</i></p> <p>Plaques: 0.5mm, clear-turbid, halo, ring.      Inactivated after 8 years in broth at -70oC.      Sensitive to chloroform.      Generalized transducing phage (lytic) for QM B1551.      Estimate of molecular weight (restriction fragments: 97x10^6 dalton. 20% of thymine replaced by some form of substituted HMU.      Dimensions in nm (Ackermann unpubl.):      UA head 93 tail 199 x 21      PT head 93 tail 199 x 15</p>	<p><i>Genomic sequence</i>      Deactivated</p>
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## Propagation conditions

### *Bacterial hosts*

1141

### *Reference*

Vary, P. S. 1979. BBRC 88:1119-1124.

### *Remarks*

To be deposited (1982) in:  
 \*Bacillus\* Genetic Stock Center,  
 Ohio State University,  
 Columbus, OH, 43210

Vary: mid-log cells, MOI = 1, shake at 22 rpm for 2-3 h.

Instructions for phage propagation are available upon request.

## History

### *History*

#### **Received from**

Dr Patricia S. Vary,  
 Department of biological Sciences,  
 Northern Illinois University,  
 DeKalb, Illinois, 60115,  
 USA.

#### **Date**

09-01-1982

#### **Isolated by**

Dr Patricia S. Vary

#### **Date**

02-1977

### *Source*

Soil, Chicago, Illinois, USA 2-1977.

*Updated at*  
2024-01-16