

HER number
141

Identification

<i>Name</i> 141	<i>Morphotype</i> A1 (Myophage)	<i>Other designations</i>
--------------------	------------------------------------	---------------------------

Taxonomy

<i>Realm</i> <i>Duplodnaviria</i>	<i>Kingdom</i> <i>Heunggongvirae</i>	<i>Phylum</i> <i>Uroviricota</i>	<i>Class</i> <i>Caudoviricetes</i>
<i>Order</i>	<i>Family</i>	<i>Genus</i>	<i>Species</i>

Images

Electron Micrograph

Image

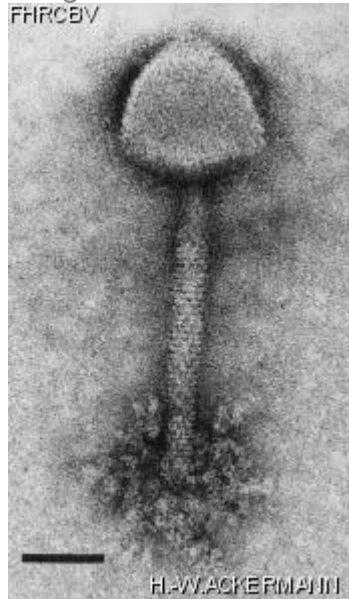


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UAB

<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: 97x10⁶ 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></p> <p>Deactivated</p>				
<p>Propagation conditions</p>					
<p><i>Bacterial hosts</i></p> <p>1141</p>					
<p><i>Reference</i></p> <p>Vary, P. S. 1979. BBRC 88:1119-1124.</p>					
<p><i>Remarks</i></p> <p>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.</p>					
<p>History</p>					
<table> <tr> <td data-bbox="90 1365 1055 1680"> <p><i>History</i></p> <p>Received from Dr Patricia S. Vary, Department of biological Sciences, Northern Illinois University, DeKalb, Illinois, 60115, USA.</p> </td><td data-bbox="1057 1365 1529 1680"> <p>Date 09-01-1982</p> </td></tr> <tr> <td data-bbox="90 1682 1055 1892"> <p>Isolated by Dr Patricia S. Vary</p> </td><td data-bbox="1057 1682 1529 1892"> <p>Date 02-1977</p> </td></tr> </table>		<p><i>History</i></p> <p>Received from Dr Patricia S. Vary, Department of biological Sciences, Northern Illinois University, DeKalb, Illinois, 60115, USA.</p>	<p>Date 09-01-1982</p>	<p>Isolated by Dr Patricia S. Vary</p>	<p>Date 02-1977</p>
<p><i>History</i></p> <p>Received from Dr Patricia S. Vary, Department of biological Sciences, Northern Illinois University, DeKalb, Illinois, 60115, USA.</p>	<p>Date 09-01-1982</p>				
<p>Isolated by Dr Patricia S. Vary</p>	<p>Date 02-1977</p>				
<p><i>Source</i></p> <p>Soil, Chicago, Illinois, USA 2-1977.</p>					

Updated at
2024-01-16