

HER number

202

Identification

Name

I3

Morphotype

A1 (Myophage)

Other designations

Taxonomy

Realm

Duplodnaviria

Kingdom

Heunggongvirae

Phylum

[Uroviricota](#)

Class

Caudoviricetes

Order

Family

Genus

Bixzunavirus

Species

Bixzunavirus I3

Images

Electron Micrograph

Image

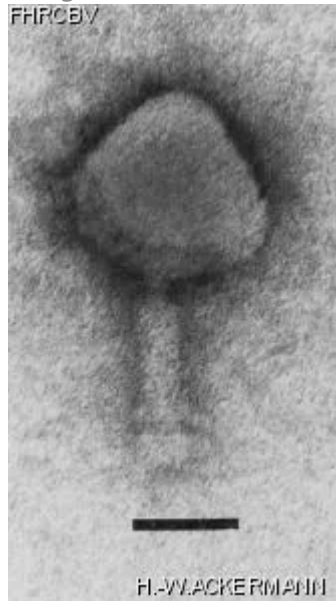


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UA

<p><i>Characteristics</i></p> <p>Temperate and transducing phage. Turbid plaques. The only Mycobacterium phage with a contractile tail. Life cycle of 5 hours.</p>	<p><i>Genomic sequence</i></p> <p>Activated</p>
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Propagation conditions

<p><i>Bacterial hosts</i></p> <p>1202</p>

<p><i>Reference</i></p> <p>Kozloff, L.M., C.V.S. Raj, R.N. Rao, V.A. Chapman, and S. Delong. 1972. Structure of a transducing mycobacteriophage. J. Virol. 9:390-393.</p>

<p><i>Remarks</i></p> <p>Propagate the phage at 33°C.</p>

History

<i>History</i>	
<p>Received from</p> <p>Dr. K.P. Gopinathan Microbiology and Cell Biology Laboratory Indian Institute of Science Bangalore 560012, India</p>	<p>Date</p> <p>12-12-1983</p>
<p>Isolated by</p> <p>C.V. Sundar and T. Ramakrishnan Microbiology and Cell Biology Laboratory Indian Institute of Science</p>	<p>Date</p> <p>1969</p>

<p><i>Source</i></p> <p>Soil, Bangalore, India</p>
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Updated at
2024-01-16