

HER number
192

Identification

<i>Name</i> 192	<i>Morphotype</i> B1 (Siphophage)	<i>Other designations</i>
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Taxonomy

<i>Realm</i>	<i>Kingdom</i>	<i>Phylum</i>	<i>Class</i>
<i>Order</i>	<i>Family</i> ?1	<i>Genus</i>	<i>Species</i>

Images

Electron Micrograph

Image
FHR05V



Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UA

<p><i>Characteristics</i></p> <p>Plaques: 1 mm, clear with halo. Genome of 63.8 kb. Occurs in temperate (LP52) and lytic (LP52c) forms. Restriction map is identical with that of phage LP51. Genomic DNA shows 50% cross-hybridization with the DNA of phage c.</p>	<p><i>Genomic sequence</i></p> <p>Deactivated</p>
<p>Propagation conditions</p>	
<p><i>Bacterial hosts</i></p> <p>1190</p>	
<p><i>Reference</i></p> <p>Thorne, C.B., and B.B. Kowalski. 1976. Temperate bacteriophages for *Bacillus licheniformis*. In Microbiology, edited by D. Schlessinger, American Society for Microbiology, Washington D.C., p. 302-314.</p> <p>Imanaka, T., K. Uchida, M. Tateishi, S. Aiba. 1979. Inducible bacteriophages of *Bacillus licheniformis* ATCC 10716. Virology 95:249-250.</p>	
<p><i>Remarks</i></p>	
<p>History</p>	

History

Received from

Prof. Curtis B. Thorne
Department of Microbiology
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Amherst, Massachusetts 01002,
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Date

Isolated by

Prof. Curtis B. Thorne
University of Massachusetts, Amherst,
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Date

1976

Received from

Dr. J. Dosek
Institute of Molecular Genetics
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Czechoslovakia

Date

20-09-1983

Source

Bacterial strain 10716 induced with mitomycin C (0.5mg/ml)

Updated at

2024-01-16