

HER number
192

Identification

Name
LP52

Morphotype
B1 (Siphophage)

Order

Family
?1

Genus

Species

Other designations

Taxonomy

Class

Realm

Kingdom

Images

Electron Micrograph
Image



Image description
Magnification: 297,000X
Bar: 50 nm
Staining: UA

Characteristics

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.

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

[1190](#)

Reference

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.

Imanaka, T., K. Uchida, M. Tateishi, S. Aiba. 1979. Inducible bacteriophages of **Bacillus licheniformis** ATCC 10716. Virology 95:249-250.

Remarks

History

History

Received from	Date
Prof. Curtis B. Thorne Department of Microbiology University of Massachusetts Amherst, Massachusetts 01002, USA	

Isolated by	Date
Prof. Curtis B. Thorne University of Massachusetts, Amherst, USA	1976

Received from	Date
Dr. J. Dosek Institute of Molecular Genetics Flemingova nám. 2, 16637 Praha 6, Czechoslovakia	20-09-1983

Updated at
2024-01-16