Phage HER 192

HER number
192

Identification

Name	*Morphotype*	*Other designations*	
LP52	B1 (Siphophage)		

Taxonomy

Realm	*Kingdom*	*Phylum*	*Class*
Duplodnaviria	*Heunggongvirae*	*Uroviricota*	*Caudoviricetes*
Order	*Family*	*Genus*	*Species*

Images

Electron Micrograph Image

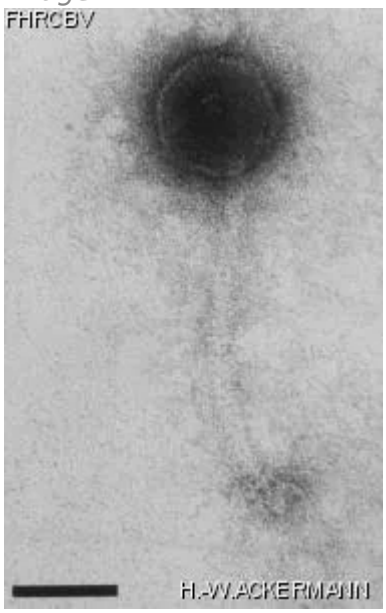


Image description
Magnification: 297,000X
Bar: 50 nm
Staining: UA

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**
Dr. J. Doskocil Institute of Molecular Genetics Flemingovo nàm. 2, 16637 Praha 6, Czechoslovakia	20-09-1983
Received from	**Date**
Prof. Curtis B. Thorne Department of Microbiology University of Massachusetts Amhersy, Massachusetts 01002, USA	
Isolated by	**Date**
Prof. Curtis B. Thorne University of Massachusetts, Amherst, USA	1976

Source

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

Updated at

2024-01-16