

HER number

192

Identification

Name

LP52

Morphotype

B1 (Siphophage)

Other designations

Taxonomy

Realm

Duplodnaviria

Kingdom

Heunggongvirae

Phylum

[Uroviricota](#)

Class

Caudoviricetes

Order

Family

Genus

Species

Images

Electron Micrograph

Image

FHRCEV



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

Dr. J. Dosekocil
Institute of Molecular Genetics
Flemingovo nám. 2,
16637 Praha 6,
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Date

20-09-1983

Received from

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

Date

Isolated by

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

Date

1976

Source

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

Updated at

2024-01-16