

HER number

247

Identification

Name

φLMUP35

Morphotype

B1 (Siphophage)

Other designations

P35

Taxonomy

Realm

Duplodnaviria

Kingdom

Heunggongvirae

Phylum

[Uroviricota](#)

Class

Caudoviricetes

Order

Family

Genus

Species

Images

Electron Micrograph

Image description

Characteristics

Clear plaques of 0.1 to 1.0 mm.
 Wide host-range, useful for typing *L. monocytogenes* serovar 1/2 strains.
 Shortest tail of *Listeria* B1 phages.
 Chloroform-sensitive.
 Generalized transducer.
 Genome of 38-40kb.
 Not propagated above 30°C.

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

1247

Reference

Hodgson, D.A. 2000. Generalized transduction of serotype 1/2 and serotype 4b strains of *Listeria monocytogenes*. Mol. Microbiol. 35: 312-323.

Remarks

The distribution of this phage must be approved by Martin Loessner, Food Microbiology Laboratory, Institute for Food Science and Nutrition, Swiss Federal Institute of Technology, Schmelzbergstrasse 9, CH-8092, Zurich, Switzerland.

History

History

Received from

Dr Martin Loessner
Forschungszentrum für Milch und Lebensmittel
Weihenstephan
Technische, Universität München
Vöttinger Str. 45, D-85350 Freising, Germany

Date

05-06-1998

Received from

Dr. David A. Hodgson
Department of Biological Sciences
University of Warwick
Coventry, CV4 7AL, England

Date

Isolated by

Dr. David A. Hodgson
University of Pennsylvania

Date

02-01-1996

Source

Silage infected with *L. monocytogenes*

Updated at

2024-01-17