

*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