

*HER number*  
247

## Identification

<i>Name</i> 247	<i>Morphotype</i> B1 (Siphophage)	<i>Other designations</i> P35
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## Taxonomy

<i>Realm</i>	<i>Kingdom</i>	<i>Phylum</i>	<i>Class</i>
<i>Order</i>	<i>Family</i> ?1	<i>Genus</i>	<i>Species</i>

## Images

<i>Electron Micrograph</i>	<i>Image description</i>
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<p><i>Characteristics</i>            Clear plaques of 0.1 to 1.0 mm.            Wide host-range, useful for typing *<i>L. monocytogenes</i>* serovar 1/2 strains.            Shortest tail of *<i>Listeria</i>* B1 phages.            Chloroform-sensitive.            Generalized transducer.            Genome of 38-40kb.            Not propagated above 30°C.</p>	<p><i>Genomic sequence</i>            Deactivated</p>
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## 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. 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**

01-02-1996

#### **Received from**

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

#### **Date**

06-05-1998

### *Source*

Silage infected with \**L. monocytogenes*\*

### *Updated at*

2024-01-17