

*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> Duplodnaviria	<i>Kingdom</i> Heunggongvirae	<i>Phylum</i> <a href="#">Uroviricota</a>	<i>Class</i> Caudoviricetes
<i>Order</i>	<i>Family</i>	<i>Genus</i>	<i>Species</i>

## Images

<i>Electron Micrograph</i>	<i>Image description</i>
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<p><i>Characteristics</i></p> <p>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*

<b>Received from</b>	<b>Date</b>
Dr Martin Loessner Forschungszentrum für Milch und Lebensmittel Weihenstephan Technische, Universität München Vöttinger Str. 45, D-85350 Freising, Germany	05-06-1998

<b>Received from</b>	<b>Date</b>
Dr. David A. Hodgson Department of Biological Sciences University of Warwick Coventry, CV4 7AL, England	

<b>Isolated by</b>	<b>Date</b>
Dr. David A. Hodgson University of Pennsylvania	02-01-1996

*Source*

Silage infected with \*L. monocytogenes\*

*Updated at*

2024-01-17