Phage HER 247

HER number
247

Identification

Name	*Morphotype*	*Other designations*	
ϕLMUP35	B1 (Siphophage)	P35	

Taxonomy

Realm	*Kingdom*	*Phylum*	*Class*
Duplodnaviria	*Heunggongvirae*	*Uroviricota*	*Caudoviricetes*
Order	*Family*	*Genus*	*Species*

Images

Electron Micrograph	*Image description*

Characteristics	*Genomic sequence*
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.	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

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Received from	**Date**
Dr Martin Loessner Forschungszentrum für Milch und Lebensmittel Weihenstephan Technische, Universtät München Vöttinger Str. 45, D-85350 Freising, Germany	05-06-1998
Received from	**Date**
Dr. David A. Hodgson Department of Biological Sciences University of Warwick Coventry, CV4 7AL, England	
Isolated by	**Date**
Dr. David A. Hodgson University of Pennsylvania	02-01-1996

Source

Silage infected with *L. monocytogenes*

Updated at

2024-01-17