

*HER number*

177

## Identification

*Name*

φ4

*Morphotype*

B1 (Siphophage)

*Other designations*

NM 4, NM4

## Taxonomy

*Realm*

*Duplodnaviria*

*Kingdom*

*Heunggongvirae*

*Phylum*

[Uroviricota](#)

*Class*

*Caudoviricetes*

*Order*

*Family*

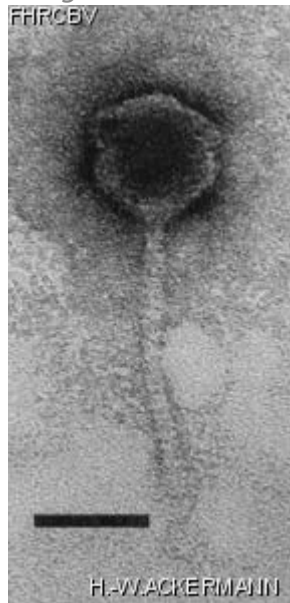
*Genus*

*Species*

## Images

*Electron Micrograph*

*Image*



*Image description*

Magnification: 297,000X

Bar: 50 nm

Staining: UAB

<p><i>Characteristics</i></p> <p>Plaques: 0.5 mm, clear. Tail has transverse bars.</p>	<p><i>Genomic sequence</i></p> <p>Deactivated</p>								
<p><b>Propagation conditions</b></p>									
<p><i>Bacterial hosts</i></p> <p>1177</p>									
<p><i>Reference</i></p> <p>Werquin, M., H.-W. Ackermann, and R.C. Lévesque. 1988. A study of 33 bacteriophages of *Rhizobium meliloti*. Appl. Environ. Microbiol. 54:188-196.</p>									
<p><i>Remarks</i></p>									
<p><b>History</b></p>									
<p><i>History</i></p> <table border="0"> <tr> <td data-bbox="107 1052 334 1083"><b>Received from</b></td> <td data-bbox="1101 1052 1175 1083"><b>Date</b></td> </tr> <tr> <td data-bbox="107 1098 781 1310">Dr Michel Werquin, Laboratoire de Microbiologie SN2, Université des Sciences Techniques de Lille I, 59655 Villeneuve d'Ascq, Cedex, France</td> <td data-bbox="1101 1098 1273 1129">04-07-1982</td> </tr> <tr> <td data-bbox="107 1402 282 1434"><b>Isolated by</b></td> <td data-bbox="1101 1402 1175 1434"><b>Date</b></td> </tr> <tr> <td data-bbox="107 1449 659 1524">D. Krsmanovic-Simic and M. Werquin Lille, France</td> <td data-bbox="1101 1449 1284 1480">Before 1973</td> </tr> </table>		<b>Received from</b>	<b>Date</b>	Dr Michel Werquin, Laboratoire de Microbiologie SN2, Université des Sciences Techniques de Lille I, 59655 Villeneuve d'Ascq, Cedex, France	04-07-1982	<b>Isolated by</b>	<b>Date</b>	D. Krsmanovic-Simic and M. Werquin Lille, France	Before 1973
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D. Krsmanovic-Simic and M. Werquin Lille, France	Before 1973								
<p><i>Source</i></p> <p>Soil, luzerne field</p>									
<p><i>Updated at</i></p> <p>2024-01-16</p>									