

HER number
154

Identification

<i>Name</i> 154	<i>Morphotype</i> B2 (Siphophage)	<i>Other designations</i> Xp12, XP-12
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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

Electron Micrograph

Image

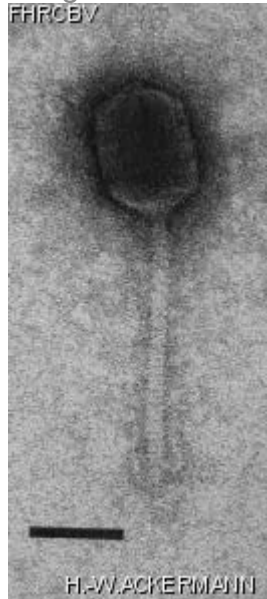


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UAB

<p><i>Characteristics</i></p> <p>Plaques: 2mm, clear. Smaller plaques when cultivated without thymidine Read after 24- 48 hrs. Thymidine (5 mg/ml) needed in medium. 5-methylcytosine completely replaces cytosine.</p>	<p><i>Genomic sequence</i></p> <p>Deactivated</p>												
<p>Propagation conditions</p>													
<p><i>Bacterial hosts</i></p> <p>1154</p>													
<p><i>Reference</i></p> <p>Kuo, T. , T. Huang, and M. Teng. 1968. 5-methylcytosine replacing cytosine in the deoxyribonucleic acid of a bacteriophage for *Xanthomonas oryzae*. J. Mol. Biol. 34:373-375.</p>													
<p><i>Remarks</i></p> <p>Instructions for phage propagation and media composition are available upon request. THIS PHAGE IS NOT AVILABLE FOR THIS MOMENT</p>													
<p>History</p>													
<p><i>History</i></p> <table> <tr> <td>Received from</td><td>Date</td></tr> <tr> <td>Dr T. T. kuo, Institute of Botany, Academia Sinica, Taiwan, Republica of China.</td><td></td></tr> <tr> <td>Received from</td><td>Date</td></tr> <tr> <td>Dr Mélanie Ehrlich, Department of Biochemistry, Tulane University School of Medecine, 1430 Tulane Avenue, New Orleans, LA, 70112, USA.</td><td>16-12-1982</td></tr> <tr> <td>Isolated by</td><td>Date</td></tr> <tr> <td>Kuo, Huang, Wu and Cheng</td><td>1968</td></tr> </table>		Received from	Date	Dr T. T. kuo, Institute of Botany, Academia Sinica, Taiwan, Republica of China.		Received from	Date	Dr Mélanie Ehrlich, Department of Biochemistry, Tulane University School of Medecine, 1430 Tulane Avenue, New Orleans, LA, 70112, USA.	16-12-1982	Isolated by	Date	Kuo, Huang, Wu and Cheng	1968
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Source

Water of a rice field, Taiwan

Updated at

2024-01-16