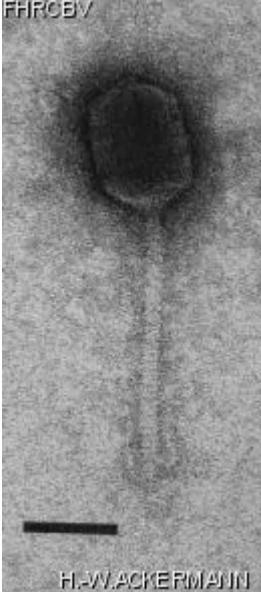


<i>HER number</i> 154			
Identification			
<i>Name</i> 154	<i>Morphotype</i> B2 (Siphophage)	<i>Other designations</i> Xp12, XP-12	
Taxonomy			
<i>Realm</i> <i>Duplodnaviria</i>	<i>Kingdom</i> <i>Heunggongvirae</i>	<i>Phylum</i> <i>Uroviricota</i>	<i>Class</i> <i>Caudoviricetes</i>
<i>Order</i>	<i>Family</i>	<i>Genus</i>	<i>Species</i>
Images			
<i>Electron Micrograph</i> <i>Image</i> 	<i>Image description</i> 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> Deactivated</p>
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Propagation conditions

Bacterial hosts

1154

Reference

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.

Remarks

Instructions for phage propagation and media composition are available upon request.
 THIS PHAGE IS NOT AVAILABLE FOR THIS MOMENT

History

History

Received from

Dr Mélanie Ehrlich,
Department of Biochemistry,
Tulane University School of Medicine,
1430 Tulane Avenue,
New Orleans, LA, 70112,
USA.

Date

12-16-1982

Received from

Dr T. T. kuo,
Institute of Botany,
Academia Sinica,
Taiwan,
Republica of China.

Date

Isolated by

Kuo, Huang,
Wu and Cheng

Date

1968

Source

Water of a rice field, Taiwan

Updated at

2024-01-16