

HER number  
154

## Identification

Name 154	Morphotype B2 (Siphophage)	Other designations Xp12, XP-12
-------------	-------------------------------	-----------------------------------

## Taxonomy

Realm <i>Duplodnaviria</i>	Kingdom <i>Heunggongvirae</i>	Phylum <a href="#"><i>Uroviricota</i></a>	Class <i>Caudoviricetes</i>
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: 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><b>Propagation conditions</b></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 AVAILABLE FOR THIS MOMENT</p>	
<p><b>History</b></p>	

*History*

**Received from**

Dr Mélanie Ehrlich,  
Department of Biochemistry,  
Tulane University School of Medecine,  
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