

*HER number*

154

## Identification

*Name*

XP12

*Morphotype*

B2 (Siphophage)

*Other designations*

Xp12, XP-12

## 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

*Characteristics*

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.

*Genomic sequence*

Deactivated

**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**

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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