

*HER number*  
154

## Identification

*Name*  
XP12

*Morphotype*  
B2 (Siphophage)

*Order*

*Family*  
?1

*Genus*

*Species*

*Other designations*  
Xp12, XP-12

## Taxonomy

*Class*

*Realm*

*Kingdom*

## 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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#### **Date**

#### **Received from**

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#### **Date**

16-12-1982

#### **Isolated by**

Kuo, Huang,  
Wu and Cheng

#### **Date**

1968

### *Updated at*

2024-01-16