

HER number

154

### Identification

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

# **Taxonomy**

Realm	Kingdom	Phylum	Class
Duplodnaviria	Heunggongvirae	<u>Uroviricota</u>	Caudoviricetes
Order	Family	Genus	Species

## **Images**

Electron Micrograph

Image FFRCEV



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**

Received from Dr Mélanie Ehrlich, Department of Biochemistry, Tulane University School of Medecine, 1430 Tulane Avenue, New Orleans, LA, 70112, USA.	<b>Date</b> 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	<b>Date</b> 1968

Source

*Updated at* 2024-01-16

Water of a rice field, Taiwan