

HER number

154

Identification

Name		Morphotype	
XP12		B2 (Siphophage)	
Order	Family	Genus	Species

?1

Other designations

Xp12, XP-12

Taxonomy

Class	Realm	Kingdom	
0.400	, , , , , , , , , , , , , , , , , , , ,	1 4119 410111	

Images

Electron Micrograph

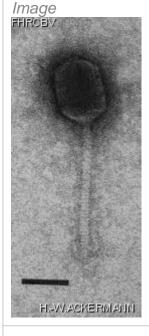


Image description

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 AVILABLE FOR THIS MOMENT

History

History

Received from

Dr T. T. kuo,

Institute of Botany,

Academia Sinica,

Taiwan,

Republica of China.

Date

Received from

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

16-12-1982

Isolated by

Kuo, Huang, Wu and Cheng Date

1968

Updated at

2024-01-16