

*HER number*  
154

## Identification

<i>Name</i> 154	<i>Morphotype</i> B2 (Siphophage)	<i>Other designations</i> Xp12, XP-12
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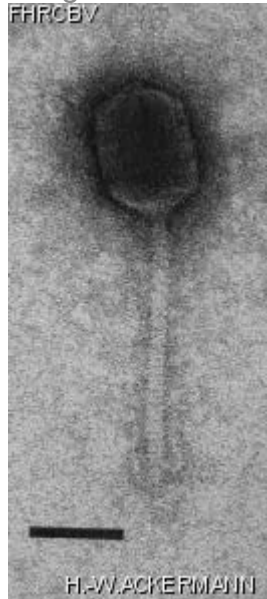
## Taxonomy

<i>Realm</i>	<i>Kingdom</i>	<i>Phylum</i>	<i>Class</i>
<i>Order</i>	<i>Family</i> ?1	<i>Genus</i>	<i>Species</i>

## 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 AVILABLE FOR THIS MOMENT</p>													
<p><b>History</b></p>													
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*Source*

Water of a rice field, Taiwan

*Updated at*

2024-01-16