

*HER number*  
314

## Identification

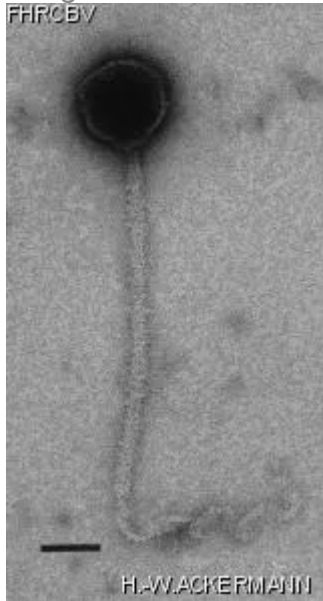
|                    |                                      |                           |
|--------------------|--------------------------------------|---------------------------|
| <i>Name</i><br>314 | <i>Morphotype</i><br>B1 (Siphophage) | <i>Other designations</i> |
|--------------------|--------------------------------------|---------------------------|

## Taxonomy

|              |                     |               |                               |
|--------------|---------------------|---------------|-------------------------------|
| <i>Realm</i> | <i>Kingdom</i>      | <i>Phylum</i> | <i>Class</i>                  |
| <i>Order</i> | <i>Family</i><br>?1 | <i>Genus</i>  | <i>Species</i><br><i>PBP1</i> |

## Images

*Electron Micrograph*  
*Image*



*Image description*  
Magnification: 297,000X  
Bar: 50 nm  
Staining: UA

|  |  |   |                           |
|--|--|---|---------------------------|
| <i>Characteristics</i><br>Plaques: 0.1 - 0.5 mm, clear.<br>Large phage with single long wavy tail fiber.<br>Adsorbs to flagella, specific for motile bacteria.   | <i>Genomic sequence</i><br>Deactivated |   |                           |
| <b>Propagation conditions</b>  |  |   |                           |
| <i>Bacterial hosts</i><br>1314   |  |   |                           |
| <i>Reference</i><br>Lovett, P.S. 1972. PBP1: a flagella specific bacteriophage mediating transduction in *Bacillus pumilus*. Virology. 47:743-752.   |  |   |                           |
| <i>Remarks</i>   |  |   |                           |
| <b>History</b>   |  |   |                           |
| <i>History</i><br><table><tr><td><b>Received from</b><br/>Dr P.S. Lovett<br/>Dept. of Biological Sciences<br/>University of Maryland<br/>Baltimore County Campus<br/>Catonsville, Maryland 21228, USA</td><td><b>Date</b><br/>02-05-1988</td></tr></table> |  | <b>Received from</b><br>Dr P.S. Lovett<br>Dept. of Biological Sciences<br>University of Maryland<br>Baltimore County Campus<br>Catonsville, Maryland 21228, USA | <b>Date</b><br>02-05-1988 |
| <b>Received from</b><br>Dr P.S. Lovett<br>Dept. of Biological Sciences<br>University of Maryland<br>Baltimore County Campus<br>Catonsville, Maryland 21228, USA  | <b>Date</b><br>02-05-1988              |   |                           |
| <i>Source</i>  |  |   |                           |
| <i>Updated at</i><br>2024-01-19  |  |   |                           |