

*HER number*

179

## Identification

*Name*

HM2

*Morphotype*

C1 (Podophage)

*Other designations*

## Taxonomy

*Realm*

Duplodnaviria

*Kingdom*

Heunggongvirae

*Phylum*

[Uroviricota](#)

*Class*

Caudoviricetes

*Order*

*Family*

*Genus*

*Species*

## Images

*Electron Micrograph*

*Image description*

*Characteristics*

Plaques: 0.5-1.0 mm, clear.  
 Phage endolysin is a N-acetylmuramidase and depolymerase which attacks on the bonds of D-alanine in polysaccharide of cell wall.

*Genomic sequence*

Activated

## Propagation conditions

*Bacterial hosts*

1179

*Reference*

Hongo, M. and A. Murata. 1965. Bacteriophages of \*Clostridium saccharoperbutylacetonicum\*. I. Some characteristics of the twelve phages obtained from the abnormally fermented broths. Agric. Biol. Chem. 29:1135-1139.

*Remarks*

Also held in the ATCC collection

## History

*History*

**Received from**

Dr. Seiya Ogata,  
Laboratory of Applied Microbiology,  
Department of Agricultural Chemistry,  
Kyushu University 46,  
Fukuoka 812,  
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**Date**

06-15-1983

**Isolated by**

M. Hongo and A. Murata  
Laboratory of Applied Microbiology,  
Department of Agricultural Chemistry,  
Kyushu University,  
Fukuoka,  
Japan

**Date**

1960

*Source*

Abnormally fermented broth, Yatsushiro, Kumamoto prefecture, Japan

*Updated at*

2024-01-16