

*HER number*  
530

## Identification

<i>Name</i> 530	<i>Morphotype</i> Podophage	<i>Other designations</i> 4:1	
--------------------	--------------------------------	----------------------------------	--

## Taxonomy

<i>Realm</i>	<i>Kingdom</i>	<i>Phylum</i>	<i>Class</i>
<i>Order</i>	<i>Family</i> ?1	<i>Genus</i> <i>Lightbulbvirus</i>	<i>Species</i> <i>Lightbulbvirus Cba41</i>

## Images

<i>Electron Micrograph</i>	<i>Image description</i>
----------------------------	--------------------------

<i>Characteristics</i>	<i>Genomic sequence</i> Activated
------------------------	--------------------------------------

## Propagation conditions

*Bacterial hosts*  
1530

*Reference*  
Holmfeldt, K., Solonenko, N., Shah, M., Corrier, K., Riemann, L., VerBerkmoes, N. C., & Sullivan, M. B. (2013). Twelve previously unknown phage genera are ubiquitous in global oceans. *Proceedings of the National Academy of Sciences*, 110(31), 12798-12803.

*Remarks*  
Plaques take 1-2 days to appear on double layer plates.

## History

*History*

**Received from**

Prof. Matthew Sullivan, Center for Microbial Interface  
Biology, Ohio State University,  
484 W. 12th Ave. Columbus, OH 43210

**Date**

December 2016

**Isolated by**

Dr. Karin Holmfeldt, Department of Biology and  
Environmental Science, Linnaeus  
University, 391 82 Kalmar, Sweden

**Date**

February 2000

*Source*

Seawater, Aresund surface water (56°2 N, 12°37 E)

*Updated at*

2024-01-22