

*HER number*

140

## Identification

*Name*

AP50

*Morphotype*

D4

*Other designations*

AP 50

## Taxonomy

*Realm*

*Varidnaviria*

*Kingdom*

*Bamfordvirae*

*Phylum*

[\*Preplasmiviricota\*](#)

*Class*

*Tectiliviricetes*

*Order*

*Kalamavirales*

*Family*

*Tectiviridae*

*Genus*

*Betatectivirus*

*Species*

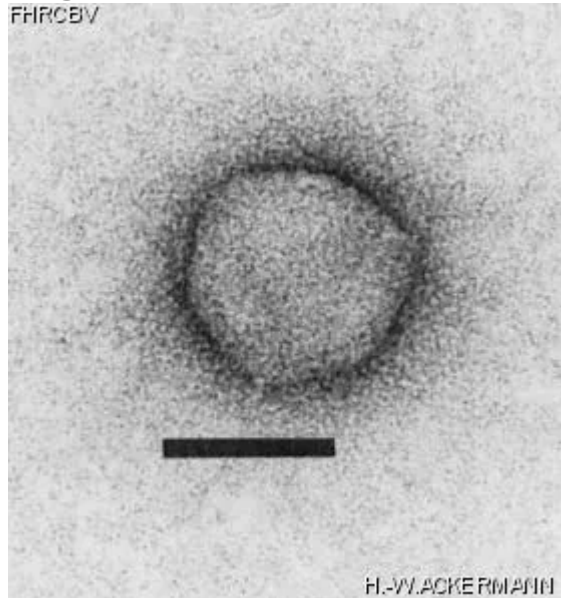
*Betatectivirus AP50*

## Images

*Electron Micrograph*

*Image*

FHRCEV



*Image description*

Magnification: 297,000X

Bar: 50 nm

Staining: UAB

*Characteristics*

Strain HER 1039 is lysogen for phage AP50.  
Plaques: 0.5-1mm, veiled.  
Fragile; Propagate every year.  
Double coat, pseudotail, sensitive to chloroform and ether, first claimed to contain RNA.  
May be preserved in spore of HER 1039 or HER 1140.  
Induction of HER 1039 by 0.5- 1mg/ml mitomycin C.  
Does not survive lyophilization, keeps poorly at -70C.

*Genomic sequence*

Activated

**Propagation conditions**

*Bacterial hosts*

1140

*Reference*

Nagy, E. 1974. A highly specific phage attacking \*Bacillus anthracis\* strain Sterne. Acta Microbiol. Acad. Sci. Hung. 21:257-263.

*Remarks*

**History**

*History*

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**Isolated by**

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**Date**

1973 ?

*Source*

Soil, Hungary

*Updated at*

2024-01-16