

*HER number*

229

## Identification

*Name*

Cog

*Morphotype*

B1 (Siphophage)

*Other designations*

CG5

## Taxonomy

*Realm*

*Duplodnaviria*

*Kingdom*

*Heunggongvirae*

*Phylum*

[Uroviricota](#)

*Class*

*Caudoviricetes*

*Order*

*Family*

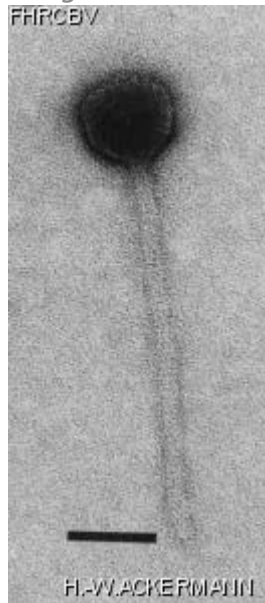
*Genus*

*Species*

## Images

*Electron Micrograph*

*Image*



*Image description*

Magnification: 297,000X

Bar: 50 nm

Staining: UA

### Characteristics

Clear plaques of 0.5 mm.  
Attacks bacteria used for deodorizing pig manure.

### Genomic sequence

Deactivated

## Propagation conditions

### Bacterial hosts

1229

### Reference

CG5 : Bourque, D., J.-G. Bisailon, L. Berthiaume, R. Alain, and R. Beaudet. 1989. A new bacteriophage of *Corynebacterium glutamicum* isolated from swine waste. *Amer. J. Vet. Res.* 50: 1952-1956.

Cog : Sonnen, H., J. Schneider, and H.J. Kutzner. 1990. Corynephage Cog, a virulent bacteriophage of *Corynebacterium glutamicum*, and its relationship to ?GA1, an inducible phage particle from *Brevibacterium flavum*. *J. Gen Virol.* 71: 1629-1633.

### Remarks

Also held at the DSMZ collection under DSM 112146.

## History

### History

#### Received from

Dr Laurent Berthiaume  
Institut Armand Frappier  
Ville de Laval (Québec) H7N 4Z3  
Canada

#### Date

12-14-1984

#### Isolated by

D. Bourque  
Institut Armand Frappier  
Ville de Laval (Québec)  
Canada

#### Date

1987?

*Source*

Pig manure

*Updated at*

2024-01-17