

*HER number*

229

## Identification

*Name*  
Cog

*Morphotype*  
B1 (Siphophage)

*Other designations*  
CG5

## Taxonomy

*Realm*  
*Duplodnaviria*

*Kingdom*  
*Heunggongvirae*

*Phylum*  
[\*Uroviricota\*](#)

*Class*  
*Caudoviricetes*

*Order*

*Family*

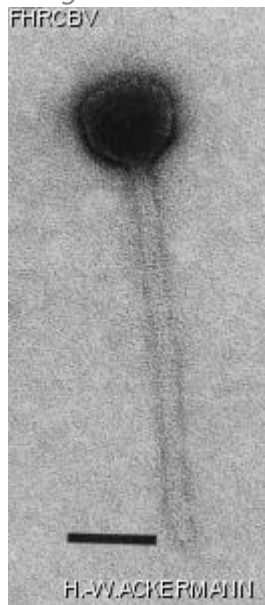
*Genus*

*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