Phage HER 196

HER number
196

Identification

Name	*Morphotype*	*Other designations*	
ϕgal-1/R	A1 (Myophage)	ϕGal-1/R	

Taxonomy

Realm	*Kingdom*	*Phylum*	*Class*
Duplodnaviria	*Heunggongvirae*	*Uroviricota*	*Caudoviricetes*
Order	*Family*	*Genus*	*Species*

Images

Electron Micrograph Image

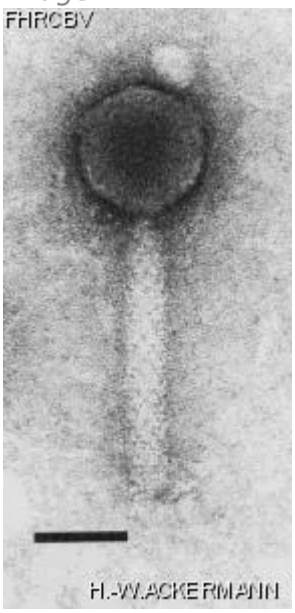


Image description
Magnification: 297,000X
Bar: 50 nm
Staining: UA

Characteristics

Plaques: <0.1 mm, veiled.
Typing phage.
Specific for fast-growing Rhizobium strains nodulating Galega plants.
No lysis seen with other fast-growing Rhizobia, such as *R. meliloti*, *R. loti*, *R. trifolii*, and *R. leguminosarum* or *R. phaseoli*.
Patel's medium : Plant Soil, 1978

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

1196

Reference

Lindström, K., B.D.W. Jarvis, P.E. Lindström, and J.J. Patel. 1983. DNA homology, phage typing, and cross-nodulation studies of rhizobia infecting Galega species. Can. J. Microbiol. 29:781-789.

Remarks

History

History

Received from

Dr. J.J. Patel
Applied Biochemistry Division,
Department of Scientific and Industrial Research,
Private Bag,
Palmerston North,
New Zealand

Date

10-18-1983

Isolated by

J.J. Patel,
River bank

Date

12-1981

Source

Soil, rhizosphere of *Galega officinalis* (goat’s rue)

Updated at

2024-01-16