Phage HER 275

Numéro HER
275

Identification

Nom	*Morphotype*	*Autres désignations*	
H-19J	B3 (Siphophage)		

Taxonomie

Domaine	*Règne*	*Embranchement*	*Classe*
Duplodnaviria	*Heunggongvirae*	*Uroviricota*	*Caudoviricetes*
Ordre	*Famille*	*Genre*	*Espèce*

Images

Photo en microscopie électronique
Image



Description de l'image
Magnification: 297,000X
Bar: 50 nm
Staining: UA

Caractéristique

Veiled plaques of 0.5 mm.
Long narrow head.
Shiga-like toxin converting.
UV inducible.
Plaques on *E. coli* K12 395-1 and *E. coli* HB101.
Genome contains lambda genes.

Séquence génomique

Désactivé

Conditions de propagation

Hôtes bactériens

1275

Référence

O’Brien, A., J.W. Newland, S.F. Miller, R.K. Holmes, H.W. Smith, and S.B. Formal. 1984. Shiga-like toxin-converting phages from *Escherichia coli* that cause hemorrhagic colitis or infantile diarrhea. Science 226: 694-696.

Newland, J.W., N.A. Strockbine, S.F. Miller, A. O’Brien, and R.K. Holmes. 1985. Cloning of Shiga-like toxin structural genes from a toxin-converting phage of *Escherichia coli*. Science 230: 179-181.

Remarque

Historique

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Received from	**Date**
Lysogenic strain (HER 1271) from Dr Alison D. O’Brien Uniformed Services University of the Health Sciences Department of Defense 4301 Jones Bridge Road, Bethesda, MD 20814 USA	02-02-1986
Isolated by	**Date**
R. Janvier and H.-W. Ackermann Université Laval (First isolation by J.W. Newland, laboratory of O’Brien)	12-1986

Source

Lysogenic bacterium HER 1271 after UV induction

Dernière mise à jour

2024-01-19