# 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

*Historique*

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