Phage HER 158

Numéro HER
158

Identification

Nom	*Morphotype*	*Autres désignations*	
RB69	A2 (Myophage)		

Taxonomie

Domaine	*Règne*	*Embranchement*	*Classe*
Duplodnaviria	*Heunggongvirae*	*Uroviricota*	*Caudoviricetes*
Ordre	*Famille*	*Genre*	*Espèce*
Pantevenvirales	*Straboviridae*	*Mosigvirus*	*Mosigvirus RB69*

Images

Photo en microscopie électronique
Image



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

Caractéristique

Plaques: 1mm, clear.
Propagation on HER 1037 ?
Relationships with T4 in genes 31, ndd, 43.
Dimensions:
PT: head 106 x 77 nm Tail 109 x 17 nm
UA: head 112 x 80 nm Tail 110 x 20 nm

Séquence génomique

Activé

Conditions de propagation

Hôtes bactériens

1040

Référence

Yeh L. S., T. Hsu, J. D. Karam. 1998. Divergence of a DNA Replication Gene Cluster in the T4-Related Bacteriophage RB69. J Bacteriol. 180: 2005-2013.

Remarque

Also held in the collection of J. Karam, Eric Miller and Larry Gold.
PT: head 106 x 77 nm Tail 109 x 17 nm
UA: head 112 x 80 nm Tail 110 x 20 nm
Diameter of capsid, 2 nm; collar, 24 x 2 nm; neck, 8 x 7 nm; tail tube, 105 x 7 nm, noncontracted sheath, 99 x 17 nm; contracted sheath, 35 x 23 nm; base plate, 32 x 3 nm; spikes, 12 x 3nm; fibers, 133 x 2 nm with kink at 68 nm.
Extended tails had 24 striations; the number of tail fibers was 6.

Historique

Historique

Received from
Dr. Jan Drake,
National Institute of Environmental Health Sciences (NIEHS),
Research Triangle Park, NC, 27709,
USA.

Date
03-14-1997

Received from
Dr William B. Wood,
University of Colorado,
Boulder, CO.
Who received it from:
R. L. Russell and R. S. Edgar

Date

Received from
Dr Jim Karam,
Tulane University School of Medecine,
1430 Tulane Avenue,
New Orleans, LA, 70112,
USA.

Date

Isolated by
Rosina O. Berry,
undergraduate student with R. L. Russell,
Cold Spring Harbor Laboratory

Date
1964

Source

Dernière mise à jour
2024-01-16