

Numéro HER

482

Identification

Nom

A2

Morphotype

Siphophage

Autres désignations

Φ393-A2

Taxonomie

Domaine

Règne

Embranchement

Classe

Ordre

Famille

?1

Genre

Ashduovirus

Espèce

Ashduovirus A2

Images

Photo en microscopie électronique

Description de l'image

Caractéristique

Séquence génomique

Activé

Conditions de propagation

Hôtes bactériens

1482

Référence

1. Herrero, M., C. G. Delosreyesgavilan, J. L. Caso, and J. E. Suarez. 1994. Characterization of ϕ 393-A2, a bacteriophage that infects *Lactobacillus casei*. Microbiology-(UK) 140:2585-2590.
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3. Garcia, P., V. Bascaran, A. Rodriguez, and J. E. Suarez. 1997. Isolation and characterization of promoters from the *Lactobacillus casei* temperate bacteriophage A2. Can. J. Microbiol. 43:1063-1068.
4. Alvarez, M. A., M. Herrero, and J. E. Suarez. 1998. The site-specific recombination system of the *Lactobacillus* species bacteriophage A2 integrates in Gram-positive and Gram-negative bacteria. Virology 250:185-193.
5. Ladero, V., P. Garcia, V. Bascaran, M. Herrero, M. A. Alvarez, and J. E. Suarez. 1998. Identification of the repressor-encoding gene of the *Lactobacillus* bacteriophage A2. J. Bacteriol. 180:3474-6.
6. Alvarez, M. A., A. Rodriguez, and J. E. Suarez. 1999. Stable expression of the *Lactobacillus casei* bacteriophage A2 repressor blocks phage propagation during milk fermentation. J. Appl. Microbiol. 86:812-816.
7. Garcia, P., V. Ladero, J. C. Alonso, and J. E. Suarez. 1999. Cooperative interaction of CI protein regulates lysogeny of *Lactobacillus casei* by bacteriophage A2. J. Virol. 73:3920-3929.
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10. Moscoso, M., and J. E. Suarez. 2000. Characterization of the DNA replication module of bacteriophage A2 and use of its origin of replication as a defense against infection during milk fermentation by *Lactobacillus casei*. Virology 273:101-111.
11. Ladero, V., P. Garcia, J. C. Alonso, and J. E. Suarez. 2002. Interaction of the Cro repressor with the lysis/lysogeny switch of the *Lactobacillus casei* temperate bacteriophage A2. J. Gen. Virol. 83:2891-2895.
12. Garcia, P., V. Ladero, and J. E. Suarez. 2003. Analysis of the morphogenetic cluster and genome of the temperate *Lactobacillus casei* bacteriophage A2. Arch. Virol. 148:1051-1070.
13. Rodriguez, I., P. Garcia, and J. E. Suarez. 2005. A second case of -1 ribosomal frameshifting affecting a major virion protein of the *Lactobacillus* bacteriophage A2. J. Bacteriol. 187:8201-8204.

Remarque

Historique

Historique

Isolated by

Date

Juan E. Suárez
Área de Microbiología
Facultad de Medicina
c/Julián Clavería 6
33006 Oviedo

1982

Received from

Date

Juan E. Suárez
Área de Microbiología
Facultad de Medicina
c/Julián Clavería 6
33006 Oviedo

2011-07-22

Source

Fermented milk, Oviedo, Spain

Dernière mise à jour

2024-01-22