

Numéro HER
482

Identification

Nom A2	Morphotype Siphophage	Autres désignations Φ393-A2
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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.
2. Garcia, P., J. C. Alonso, and J. E. Suarez. 1997. Molecular analysis of the cos region of the *Lactobacillus casei* bacteriophage A2. Gene product 3, gp3, specifically binds to its downstream cos region. *Mol. Microbiol.* 23:505-514.
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.
8. Ladero, V., P. Garcia, J. C. Alonso, and J. E. Suarez. 1999. A2 Cro, the lysogenic cycle repressor, specifically binds to the genetic switch region of *Lactobacillus casei* bacteriophage A2. *Virology* 262:220-229.
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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

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Date

1982

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Date

2011-07-22

Source

Fermented milk, Oviedo, Spain

Dernière mise à jour

2024-01-22