

| HER number 419 | | | | |
|--|------------------------|---|---|--|
| Identification | | | | |
| Name 419 | Morphotype E2 | Other designations phi8, phi-8 | | |
| Taxonomy | | | | |
| Realm | Kingdom | Phylum | Class | |
| Order | Family Cystoviridae | Genus Cystovirus | Species Cystovirus phi8 | |
| Images | | | | |
| Electron Micrograph Image FHRCBV HIRCBV HI-WACKE RMAMM | | Image description Magnification: 297,000 Bar: 50 nm Staining: PT | Magnification: 297,000X Bar: 50 nm Staining: PT | |
| Characteristics Plaques: 1 mm, clear. | | Genomic sequence Activated | | |
| Propagation | conditions | | | |

Bacterial hosts 1419

Reference

Mindich, L. and coll. 1999. Isolation of additional bacteriophages with genomes of segmented double-stranded RNA. J. Bacteriol. 181: 4505-4508.

Remarks

Lipid enveloppe, double-stranded DNA. Inactivated by chloroform or detergents. Grows poorly. Loss of 2 log in 1 month at 4éC. Kills host without propagation at high M.O.I. Forms plaques on heptose-less strains of *S. typhimurium*.

History

| History | | |
|----------------------|------|--|
| Isolated by | Date | |
| Xueying Quiao | 1998 | |
| Mindich?s Laboratory | | |
| New York | | |

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Source

Pisum sativum (snow pea) leaves.

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