

HER number
158

Identification

| | | |
|--------------------|------------------------------------|---------------------------|
| <i>Name</i> 158 | <i>Morphotype</i> A2 (Myophage) | <i>Other designations</i> |
|--------------------|------------------------------------|---------------------------|

Taxonomy

| | | | |
|--------------|--------------------------------|----------------------------|-----------------------------------|
| <i>Realm</i> | <i>Kingdom</i> | <i>Phylum</i> | <i>Class</i> |
| <i>Order</i> | <i>Family</i> Straboviridae | <i>Genus</i> Mosigvirus | <i>Species</i> Mosigvirus RB69 |

Images

Electron Micrograph

Image
FHRCBV



Image description

Magnification: 297,000X

Bar: 50 nm

Staining: PT

| | |
|---|---|
| <p><i>Characteristics</i></p> <p>Plaques: 1mm, clear.</p> <p>Propagation on HER 1037 ?</p> <p>Relationships with T4 in genes 31, ndd, 43.</p> <p>Dimensions:</p> <p>PT: head 106 x 77 nm Tail 109 x 17 nm</p> <p>UA: head 112 x 80 nm Tail 110 x 20 nm</p> | <p><i>Genomic sequence</i></p> <p>Activated</p> |
| <p>Propagation conditions</p> | |
| <p><i>Bacterial hosts</i></p> <p>1040</p> | |
| <p><i>Reference</i></p> <p>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.</p> | |
| <p><i>Remarks</i></p> <p>Also held in the collection of J. Karam, Eric Miller and Larry Gold.</p> <p>PT: head 106 x 77 nm Tail 109 x 17 nm</p> <p>UA: head 112 x 80 nm Tail 110 x 20 nm</p> <p>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.</p> <p>Extended tails had 24 striations; the number of tail fibers was 6.</p> | |
| <p>History</p> | |

History

Isolated by

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Date

Received from

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Date

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Date

Source

Updated at

2024-01-16