

HER number
158

Identification

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

<i>Realm</i> Duplodnaviria	<i>Kingdom</i> Heunggongvirae	<i>Phylum</i> Uroviricota	<i>Class</i> Caudoviricetes
<i>Order</i> Pantevenviraes	<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. 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</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. 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.</p>	
<p>History</p>	

History

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

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