

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

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

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