

HER number

158

Identification

Name 158	Morphotype A2 (Myophage)	Other designations	

Taxonomy

Realm	Kingdom	Phylum	Class
Duplodnaviria	Heunggongvirae	<u>Uroviricota</u>	Caudoviricetes
Order	Family	Genus	Species
Pantevenvirales	Straboviridae	Mosigvirus	Mosigvirus RB69

Images

Electron Micrograph

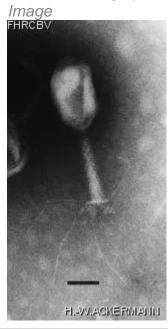


Image description

Magnification: 297,000X

Bar: 50 nm Staining: PT

Characteristics

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

Genomic sequence

Activated

Propagation conditions

Bacterial hosts

1040

Reference

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.

Remarks

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.

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	
Updated at 2024-01-16	