

*HER number*

843

## Identification

*Name*

Larsen Lake Small

*Morphotype*

*Other designations*

LLS

## Taxonomy

*Realm*

Duplodnaviria

*Kingdom*

Heunggongvirae

*Phylum*

[Uroviricota](#)

*Class*

Caudoviricetes

*Order*

*Family*

*Genus*

*Species*

## Images

*Electron Micrograph*

*Image description*

*Characteristics*

Lambdoid phage that lacks a Rec module and has a large number of Chi sites.

*Genomic sequence*

Activated

## Propagation conditions

*Bacterial hosts*

1605

*Reference*

Zheng C, Casjens SR, Davidson AR, Amundsen SK, Smith GR. Lambdoid phages with abundant Chi recombination hotspots reflect diverse viral strategies for recombination-dependent growth. *Genome Res.* 2025 Aug 1;35(8):1767-1780. doi: 10.1101/gr.280248.124.

*Remarks*

## History

*History*

**Isolated by**

**Date**

10-2020

Curtis Furukawa and Clarence Zheng, Interlake High School students (Bellevue, WA)

Pond water (Larsen Lake, Bellevue, WA, USA)

**Received from**

**Date**

06-06-2025

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*Source*

Pond water

*Updated at*