

*HER number*

796

## Identification

*Name*

T4::sfgfp

*Morphotype*

Myophage

*Other designations*

## Taxonomy

*Realm*

Duplodnaviria

*Kingdom*

Heunggongvirae

*Phylum*

[Uroviricota](#)

*Class*

Caudoviricetes

*Order*

Pantevenviraales

*Family*

Straboviridae

*Genus*

Tequatrovirus

*Species*

## Images

*Electron Micrograph*

*Image description*

*Characteristics*

T4 phage engineered to express GFP, driven by a T4-specific promoter.

*Genomic sequence*

Deactivated

## Propagation conditions

*Bacterial hosts*

1024

*Reference*

Baker, Z.R., Zhang, Y., Zhang, H. et al. Sustained in situ protein production and release in the mammalian gut by an engineered bacteriophage. *Nat Biotechnol* 44, 90–99 (2026).

<https://doi.org/10.1038/s41587-025-02570-7>

*Remarks*

## **History**

*History*

**Received from**

**Date**

Bryan Hsu

02-19-2025

Department of Biological Sciences, Virginia Tech

Blacksburg, VA, USA

*Source*

*Updated at*