

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

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