

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

[pH-tdGFP](#)

RRID:Addgene_74322

Type: Plasmid

Proper Citation

RRID:Addgene_74322

Plasmid Information

URL: <http://www.addgene.org/74322>

Proper Citation: RRID:Addgene_74322

Insert Name: pH-tdGFP

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27324986](#)

Vector Backbone Description: Backbone Size:4150; Vector Backbone:pFA6a; Vector Types:Yeast Expression, yeast tagging; Bacterial Resistance:Ampicillin

Plasmid Name: pH-tdGFP

Relevant Mutation: N149Y, Q204H

Record Creation Time: 20220422T222454+0000

Record Last Update: 20260815T081936+0000

Ratings and Alerts

No rating or validation information has been found for pH-tdGFP.

No alerts have been found for pH-tdGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Barykina NV, et al. (2024) Destabilized near-infrared fluorescent nanobodies enable background-free targeting of GFP-based biosensors for imaging and manipulation. Nature communications, 15(1), 7788.

Shinoda H, et al. (2018) Acid-Tolerant Monomeric GFP from *Olindias formosa*. Cell chemical biology, 25(3), 330.

Roberts TM, et al. (2016) Identification and Characterisation of a pH-stable GFP. Scientific reports, 6, 28166.