

# Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

## pcDNA3-hsGFP

RRID:Addgene\_64912

Type: Plasmid

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### Proper Citation

RRID:Addgene\_64912

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### Plasmid Information

**URL:** <http://www.addgene.org/64912>

**Proper Citation:** RRID:Addgene\_64912

**Insert Name:** hsGFP

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:25141269](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:5968; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** Please cite Z. Chen and H-w. Ai\*, Biochemistry, 2014, 53: 5966-5974; and S. Chen, Z. Chen, W. Ren and H-w. Ai\*, J. Am. Chem. Soc., 2012, 134: 9589-9592. Please note that you will also need a pMAH plasmid for mammalian expression. pMAH-POLY (Z. Chen, W. Ren, Q.E. Wright and H-w. Ai\*, J. Am. Chem. Soc., 2013, 135: 14940-14943.) is also deposited to Addgene, which can be used to replace pMAH-AzF for mammalian applications.

**Plasmid Name:** pcDNA3-hsGFP

**Relevant Mutation:** Chromophore tyrosine of the protein mutated to TAG amber codon

**Record Creation Time:** 20220422T222410+0000

**Record Last Update:** 20260725T075004+0000

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### Ratings and Alerts

No rating or validation information has been found for pcDNA3-hsGFP.

No alerts have been found for pcDNA3-hsGFP.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.