

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pGFP-HsSyx3

RRID:Addgene_179289

Type: Plasmid

Proper Citation

RRID:Addgene_179289

Plasmid Information

URL: <http://www.addgene.org/179289>

Proper Citation: RRID:Addgene_179289

Insert Name: Syx

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35639414](#)

Vector Backbone Description: Backbone Marker:Addgene; Backbone Size:5523; Vector Backbone:pET GFP LIC (2GFP-T) Addgene # 29716; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Protein sequence is MKSS + HHHHHH + GSS + GFP (aa 3-238 of AGM20710.1 with 4 residue differences) + GIE + TEV protease cleavage (ENLYFQ*S; * = cleavage site) + N + human Syx (synectin-binding guanine exchange factor; aa 393-792 from accession number NP_001036128.1). Confers ampicillin-resistance. Backbone vector is pET GFP LIC (2GFP-T) Addgene # 29716. Construct design by Ryan Boyd and Debra T. Hansen. Cloning by Felicia M. Craciunescu. Preprint: Boyd et al., bioRxiv 2021.08.26.457821, <https://doi.org/10.1101/2021.08.26.457821>

Plasmid Name: pGFP-HsSyx3

Relevant Mutation: residues 393-792 from accession number NP_001036128.1; optimized DNA sequence

Record Creation Time: 20220604T080216+0000

Record Last Update: 20260725T075435+0000

Ratings and Alerts

No rating or validation information has been found for pGFP-HsSyx3.

No alerts have been found for pGFP-HsSyx3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.