

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pCAG-sfGFP-GSAX9-iCre-ERT2

RRID:Addgene_125748

Type: Plasmid

Proper Citation

RRID:Addgene_125748

Plasmid Information

URL: <http://www.addgene.org/125748>

Proper Citation: RRID:Addgene_125748

Insert Name: sfGFP-GSAX9-iCre-ERT2

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32183906](#)

Vector Backbone Description: Vector Backbone:Custom; Vector Types:Mammalian Expression, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Linker between sfGFP and iCre-ERT2 is a clean GSAX9 sequence, similar in length to the mutated P2A sequence in the plasmid pCAG-sfGFP-iCre-ERT2 (#125749). The sfGFP fluorescence from the sfGFP-iCre-ERT2 is dim, as described in Nam and Capecchi, 2020 (<https://doi.org/10.1186/s13064-020-00139-5>) and a Figshare page (<https://doi.org/10.6084/m9.figshare.13218437.v35>). In short, it is not visible to the eyes, but can be detected with flow cytometry. Similar to the situation with some other plasmids in this collection, the missing four nucleotides at the 5' end of the WPRE renders it unrecognizable to SnapGene, but the expression vector is functional.

Plasmid Name: pCAG-sfGFP-GSAX9-iCre-ERT2

Record Creation Time: 20220422T221659+0000

Record Last Update: 20260815T080418+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-sfGFP-GSAX9-iCre-ERT2.

No alerts have been found for pCAG-sfGFP-GSAX9-iCre-ERT2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.