Resource Summary Report

Generated by NIF on Jul 30, 2026

Double UP sfGFP to mScarlet

RRID:Addgene_120261
Type: Plasmid

Proper Citation

RRID:Addgene_120261

Plasmid Information

URL: http://www.addgene.org/120261

Proper Citation: RRID:Addgene_120261

Insert Name: sfGFP/mScarletP2A-mcs

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: PMID:32508591

Vector Backbone Description: Vector Backbone:pCAX; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Intent is to introduce low doses of pCAG Cre to recombine a subset of cells, such that sfGFP can act as an internal control to mScarlet for use in in utero electroporation or other related techniques. Genetic overexpression can be easily attached following the mScarlet through use of a mcs after the P2A The associated publication utilized mNeon instead of sfGFP/mClover3, but mNeon has is exceedingly difficult to share. Therefore, these two plasmids (120261 and 120262) are made available, using sfGFP and mClover3 instead of mNeon. These plasmids have been tested, and are equivalent to the mNeon variant. Please Note: Addgene NGS is unable to fully resolve the CAG promoter sequence. Please refer to the depositor's sequence for this section of the plasmid.

Plasmid Name: Double UP sfGFP to mScarlet

Relevant Mutation: Removed Not1 site in mScarlet

Record Creation Time: 20220422T221628+0000

Record Last Update: 20260725T073631+0000

Ratings and Alerts

No rating or validation information has been found for Double UP sfGFP to mScarlet.

No alerts have been found for Double UP sfGFP to mScarlet.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.