

Resource Summary Report

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

ER2-LSSmGFP

RRID:Addgene_186538

Type: Plasmid

Proper Citation

RRID:Addgene_186538

Plasmid Information

URL: <http://www.addgene.org/186538>

Proper Citation: RRID:Addgene_186538

Insert Name: LSSmGFP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:36344833](#)

Vector Backbone Description: Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: 400 nm excitation, 510 nm emission. To improve ER localization, the Kozak sequence and ATG that were N-terminal to the FP have been deleted.

Plasmid Name: ER2-LSSmGFP

Relevant Mutation: hfYFP-T43S/G65S/L68Q/H77N/K140N/Y203I/V206K

Record Creation Time: 20221110T080328+0000

Record Last Update: 20260725T075542+0000

Ratings and Alerts

No rating or validation information has been found for ER2-LSSmGFP.

No alerts have been found for ER2-LSSmGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.