

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

Venus-7aa-MAO-pEGFP-C3

RRID:Addgene_166765

Type: Plasmid

Proper Citation

RRID:Addgene_166765

Plasmid Information

URL: <http://www.addgene.org/166765>

Proper Citation: RRID:Addgene_166765

Insert Name: MAO tail anchor

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Vector Backbone:pEGFP-C3; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: "WERNLPSVSGLLKIIGFSTSVTALGFVLYKYKLLPRS" amino acid targeting sequence, which we refer to as "MAO", for mitochondrial outer membrane targeting. Pearson's correlation of 0.8-0.9 with mitotracker red signal in cells. "7aa" indicates the 7 amino acid flexible linker region between Venus and the ActA targeting signal for mitochondria.

Plasmid Name: Venus-7aa-MAO-pEGFP-C3

Record Creation Time: 20220422T221938+0000

Record Last Update: 20260902T042717+0000

Ratings and Alerts

No rating or validation information has been found for Venus-7aa-MAO-pEGFP-C3.

No alerts have been found for Venus-7aa-MAO-pEGFP-C3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.