

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

Venus-79aa-ActA-pEGFP-C1

RRID:Addgene_166763

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/166763>

Proper Citation: RRID:Addgene_166763

Insert Name: ActA tail anchor (*Listeria monocytogenes*)

Organism: Synthetic

Bacterial Resistance: Kanamycin

Vector Backbone Description: Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments:

"SGLRSRGSGGLRSRAQASNSAVDARGSGGLRSRAQASNSAVDARGSGGLRSRAQASNSAVDARGSGGLRSRAQASNSAVDARV" amino acid targeting sequence, which we refer to as "ActA", for the mitochondrial outer membrane. Pearson's correlation of 0.8-0.9 with mitotracker red signal in cells. "79aa" indicates the 79 amino acid flexible linker region between Venus and the ActA targeting signal.

Plasmid Name: Venus-79aa-ActA-pEGFP-C1

Record Creation Time: 20220422T221938+0000

Record Last Update: 20260815T080938+0000

Ratings and Alerts

No rating or validation information has been found for Venus-79aa-ActA-pEGFP-C1.

No alerts have been found for Venus-79aa-ActA-pEGFP-C1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.