

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 15, 2026

pALS3-Ma-SUMO-TAG35-sfGFP

RRID:Addgene_212120

Type: Plasmid

Proper Citation

RRID:Addgene_212120

Plasmid Information

URL: <http://www.addgene.org/212120>

Proper Citation: RRID:Addgene_212120

Insert Name: SUMO-TAG35-sfGFP

Bacterial Resistance: Tetracycline

Vector Backbone Description: Backbone Size:4807; Vector Backbone:pALS3; Vector Types:Bacterial Expression; Bacterial Resistance:Tetracycline

Comments: This plasmid encodes expression of a) SUMO-sfGFP with an amber (TAG) codon at E35 within the SUMO coding region and b) *Methanomethylophilus alvus* tRNA(6). It is to be paired with a plasmid that expresses an *M. alvus* pyrrolysyl-tRNA synthetase (MaRS). This plasmid is used during fluorescence-based selection and characterization of one or more MaRS mutants. It is distinguished from the previous Ma version by containing a tetracycline efflux marker. The SUMO linker is included in order to distance the TAG site from sfGFP.

Plasmid Name: pALS3-Ma-SUMO-TAG35-sfGFP

Relevant Mutation: E35TAG (within SUMO encoding sequence)

Record Creation Time: 20240906T081109+0000

Record Last Update: 20260815T083028+0000

Ratings and Alerts

No rating or validation information has been found for pALS3-Ma-SUMO-TAG35-sfGFP.

No alerts have been found for pALS3-Ma-SUMO-TAG35-sfGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.