

Resource Summary Report

Generated by [dkNET](#) on Aug 30, 2026

pALS3-Ma-sfGFP-TAG150

RRID:Addgene_212121

Type: Plasmid

Proper Citation

RRID:Addgene_212121

Plasmid Information

URL: <http://www.addgene.org/212121>

Proper Citation: RRID:Addgene_212121

Insert Name: sfGFP-150TAG

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) sfGFP with an amber (TAG) codon at N150 and b) Methanomethylophilus alvus tRNA(6). It is to be paired with a plasmid that expresses an M. alvus pyrrolysyl-tRNA synthetase (MaRS). The pALS3 plasmid is used during fluorescence-based selection and characterization of MaRS mutants. It is distinguished from a previous Ma version by containing a tetracycline efflux marker.

Plasmid Name: pALS3-Ma-sfGFP-TAG150

Relevant Mutation: N150TAG

Record Creation Time: 20240906T081109+0000

Record Last Update: 20260829T082128+0000

Ratings and Alerts

No rating or validation information has been found for pALS3-Ma-sfGFP-TAG150.

No alerts have been found for pALS3-Ma-sfGFP-TAG150.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.