

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 8, 2026

pALS3-Ma-SUMO-sfGFP-WT

RRID:Addgene_212122

Type: Plasmid

Proper Citation

RRID:Addgene_212122

Plasmid Information

URL: <http://www.addgene.org/212122>

Proper Citation: RRID:Addgene_212122

Insert Name: SUMO-sfGFP-WT

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, uninterrupted by TAG codons, and b) Methanomethylophilus alvus pyrrolysine tRNA(6). It is to be paired with a plasmid that expresses M. alvus pyrrolysyl-tRNA synthetase (MaRS). This pALS3 control plasmid is used during fluorescence-based selection and characterization of Ma RS mutants. The plasmid here is distinguished from a previous Ma version by the presence of a tetracycline efflux marker.

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

Record Creation Time: 20240906T081109+0000

Record Last Update: 20260808T083137+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.