

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pMJA053

RRID:Addgene_128515

Type: Plasmid

Proper Citation

RRID:Addgene_128515

Plasmid Information

URL: <http://www.addgene.org/128515>

Proper Citation: RRID:Addgene_128515

Insert Name: SFA8 a 2S albumin from sunflower

Organism: Helianthus annuus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12421566](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:8014; Vector Backbone:pPIC9; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: secreted SFA8 mature 2S albumin storage protein from sunflower seed. Also reference PMID: 12911791. Addgene NGS found a frameshift and early termination of the a-factor secretion signal-CDS(SFA8)_1 translation, compared to the reference sequence provided by the Alcocer laboratory. The Alcocer laboratory has confirmed that this plasmid has been used in the production of intact proteins in large scale fermenters

Plasmid Name: pMJA053

Record Creation Time: 20220422T221715+0000

Record Last Update: 20260725T073751+0000

Ratings and Alerts

No rating or validation information has been found for pMJA053.

No alerts have been found for pMJA053.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.