

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

pET-SOMA-T679A

RRID:Addgene_118936

Type: Plasmid

Proper Citation

RRID:Addgene_118936

Plasmid Information

URL: <http://www.addgene.org/118936>

Proper Citation: RRID:Addgene_118936

Insert Name: SOMA FRET sensor for measuring MAPK activity in Arabidopsis thaliana with T679A Mutation

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30444549](#)

Vector Backbone Description: Vector Backbone:pET-32(a)+; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: The Eevee Linker present in this plasmid was invented by Prof. Michiyuki Matsuda at Kyoto University. The Eevee Linker has been patented by Kyoto University. The plasmid backbone used to produce the SOMA sensor was a kind gift of Michiyuki Matsuda and Kazuhiro Aoki. Please note there are some sequence discrepancies between the Addgene quality control sequence and the author-supplied Genbank sequence. The authors have noted that the discrepancies do NOT affect plasmid function.

Plasmid Name: pET-SOMA-T679A

Record Creation Time: 20220422T221622+0000

Record Last Update: 20260725T073620+0000

Ratings and Alerts

No rating or validation information has been found for pET-SOMA-T679A.

No alerts have been found for pET-SOMA-T679A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.