

# Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 20, 2026

[y2](#)

RRID:Addgene\_53586

Type: Plasmid

---

## Proper Citation

RRID:Addgene\_53586

---

## Plasmid Information

**URL:** <http://www.addgene.org/53586>

**Proper Citation:** RRID:Addgene\_53586

**Insert Name:** lcyE

**Organism:** Arabidopsis thaliana

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:8837512](#)

**Vector Backbone Description:** Backbone Marker:Stratagene; Backbone Size:2958; Vector Backbone:pBluescript SK-; Vector Types;; Bacterial Resistance:Ampicillin

**Plasmid Name:** y2

**Record Creation Time:** 20220422T222314+0000

**Record Last Update:** 20260919T092007+0000

---

## Ratings and Alerts

No rating or validation information has been found for y2.

No alerts have been found for y2.

---

## Data and Source Information

**Source:** [Addgene](#)

---

## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [SPARC SAWG](#) .

Fu X, et al. (2019) Lycopene cyclases determine high  $\beta$ -/ $\alpha$ -carotene ratio and increased carotenoids in bananas ripening at high temperatures. Food chemistry, 283, 131.