

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

pATP416-pluxO5-pphlO6-crtYBI

RRID:Addgene_165977

Type: Plasmid

Proper Citation

RRID:Addgene_165977

Plasmid Information

URL: <http://www.addgene.org/165977>

Proper Citation: RRID:Addgene_165977

Insert Name: Xanthophyllomyces dendrorhous phytoene-beta carotene synthase (crtYB) mRNA, complete cds

Organism: Xanthophyllomyces dendrorhous

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33758180](#)

Vector Backbone Description: Vector Backbone:pRS416; Vector Types:Yeast Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

Plasmid Name: pATP416-pluxO5-pphlO6-crtYBI

Relevant Mutation: C66A, C1359T

Record Creation Time: 20220422T221935+0000

Record Last Update: 20260815T080933+0000

Ratings and Alerts

No rating or validation information has been found for pATP416-pluxO5-pphlO6-crtYBI.

No alerts have been found for pATP416-pluxO5-pphlO6-crtYBI.

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 [NIF](#) .

Jin Z, et al. (2025) Unraveling the regulatory dynamics of bidirectional promoters for modulating gene co-expression and metabolic flux in *Saccharomyces cerevisiae*. *Nucleic acids research*, 53(11).