

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

pATP416-ptetO7-pphlO6-crtYBI

RRID:Addgene_165976

Type: Plasmid

Proper Citation

RRID:Addgene_165976

Plasmid Information

URL: <http://www.addgene.org/165976>

Proper Citation: RRID:Addgene_165976

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

Comments: A portion of this plasmid (the operator region of ptetO7) was derived from a plasmid (pTRE-Tight, Tet systems).

Plasmid Name: pATP416-ptetO7-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-ptetO7-pphlO6-crtYBI.

No alerts have been found for pATP416-ptetO7-pphlO6-crtYBI.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.