

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[pMBI](#)

RRID:Addgene_17816

Type: Plasmid

Proper Citation

RRID:Addgene_17816

Plasmid Information

URL: <http://www.addgene.org/17816>

Proper Citation: RRID:Addgene_17816

Insert Name: mevalonate kinase, phosphomevalonate kinase, mevalonate pyrophosphate decarboxylase, IPP isomerase

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Tetracycline

Defining Citation: [PMID:12778056](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:n/a; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Tetracycline

Comments: does not contain lacI/ ERG1, ERG8, MVD1: *S. cerevisiae*/ idi: *E. Coli*

Plasmid Name: pMBI

Record Creation Time: 20220422T222027+0000

Record Last Update: 20260808T081319+0000

Ratings and Alerts

No rating or validation information has been found for pMBI.

No alerts have been found for pMBI.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Akuh OA, et al. (2025) Reconstituted ferredoxin-MEP pathway of Apicomplexa in Escherichiacoli as an in situ screening platform for inhibitors and essential enzyme mutations. The Journal of biological chemistry, 301(11), 110726.

Hong CY, et al. (2022) Cloning and functional characterization of three sesquiterpene synthase genes from Chamaecyparis formosensis Matsumura. Plant science : an international journal of experimental plant biology, 321, 111315.