Resource Summary Report

Generated by dkNET on Aug 17, 2026

pAG416GPD-ccdB

RRID:Addgene_14148
Type: Plasmid

Proper Citation

RRID:Addgene_14148

Plasmid Information

URL: http://www.addgene.org/14148

Proper Citation: RRID:Addgene_14148

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: PMID:17583893

Vector Backbone Description: Backbone Size:0; Vector Backbone:pRS416; Vector Types:Yeast Expression, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Type of plasmid: CEN. This plasmid contains the Gateway technology from Invitrogen; Invitrogen requires purchasing of Gateway Clonase for carrying out the Gateway recombinational cloning reaction http://www.invitrogen.com Please note that the full plasmid sequence is provided as a reference only, and may not match the exact sequence of the plasmid.

Plasmid Name: pAG416GPD-ccdB

Record Creation Time: 20220422T221815+0000

Record Last Update: 20260815T080649+0000

Ratings and Alerts

No rating or validation information has been found for pAG416GPD-ccdB.

No alerts have been found for pAG416GPD-ccdB.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Ejike JO, et al. (2024) A Monochromatically Excitable Green-Red Dual-Fluorophore Fusion Incorporating a New Large Stokes Shift Fluorescent Protein. Biochemistry, 63(1), 171.

Lin JD, et al. (2023) Functional diversification despite structural congruence in the HipBST toxin-antitoxin system of Legionella pneumophila. mBio, 14(5), e0151023.

Szot JO, et al. (2021) New cases that expand the genotypic and phenotypic spectrum of Congenital NAD Deficiency Disorder. Human mutation, 42(7), 862.

Yamasaki T, et al. (2020) Uncoupling the hydrolysis of lipid-linked oligosaccharide from the oligosaccharyl transfer reaction by point mutations in yeast oligosaccharyltransferase. The Journal of biological chemistry, 295(47), 16072.

Paczia N, et al. (2019) 3-Phosphoglycerate Transhydrogenation Instead of Dehydrogenation Alleviates the Redox State Dependency of Yeast de Novo l-Serine Synthesis. Biochemistry, 58(4), 259.

Svoboda M, et al. (2019) The yeast proteases Ddi1 and Wss1 are both involved in the DNA replication stress response. DNA repair, 80, 45.

Martínez-Noël G, et al. (2018) Network Analysis of UBE3A/E6AP-Associated Proteins Provides Connections to Several Distinct Cellular Processes. Journal of molecular biology, 430(7), 1024.

Becker-Kettern J, et al. (2018) NAD(P)HX repair deficiency causes central metabolic perturbations in yeast and human cells. The FEBS journal, 285(18), 3376.

Becker-Kettern J, et al. (2016) Saccharomyces cerevisiae Forms D-2-Hydroxyglutarate and Couples Its Degradation to D-Lactate Formation via a Cytosolic Transhydrogenase. The Journal of biological chemistry, 291(12), 6036.

Koopman F, et al. (2012) De novo production of the flavonoid naringenin in engineered Saccharomyces cerevisiae. Microbial cell factories, 11, 155.