

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

[pGPD2](#)

RRID:Addgene_43972

Type: Plasmid

Proper Citation

RRID:Addgene_43972

Plasmid Information

URL: <http://www.addgene.org/43972>

Proper Citation: RRID:Addgene_43972

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21586584](#)

Vector Backbone Description: Backbone Size:5500; Vector Backbone:p416-GPD; Vector Types:Bacterial Expression, Yeast Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

Plasmid Name: pGPD2

Record Creation Time: 20220422T222227+0000

Record Last Update: 20260815T081511+0000

Ratings and Alerts

No rating or validation information has been found for pGPD2.

No alerts have been found for pGPD2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Kumar A, et al. (2025) Arginyltransferase1 drives a mitochondria-dependent program to induce cell death. *Cell death & disease*, 16(1), 622.

Van V, et al. (2023) Iron-sulfur clusters are involved in post-translational arginylation. *Nature communications*, 14(1), 458.

Berroyer A, et al. (2022) Cleavage-defective Topoisomerase I mutants sharply increase G-quadruplex-associated genomic instability. *Microbial cell (Graz, Austria)*, 9(3), 52.

Stokdyk K, et al. (2021) The activity of yeast Apn2 AP endonuclease at uracil-derived AP sites is dependent on the major carbon source. *Current genetics*, 67(2), 283.

Singh S, et al. (2020) Yeast Nucleolin Nsr1 Impedes Replication and Elevates Genome Instability at an Actively Transcribed Guanine-Rich G4 DNA-Forming Sequence. *Genetics*, 216(4), 1023.

Kumar A, et al. (2016) Posttranslational arginylation enzyme Ate1 affects DNA mutagenesis by regulating stress response. *Cell death & disease*, 7(9), e2378.