

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

pOPTXcGMPRELUC

RRID:Addgene_68503

Type: Plasmid

Proper Citation

RRID:Addgene_68503

Plasmid Information

URL: <http://www.addgene.org/68503>

Proper Citation: RRID:Addgene_68503

Insert Name: OPTX promoter with cGMPRE

Organism: Arabidopsis thaliana

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24206622](#)

Vector Backbone Description: Backbone Marker:Calderon-Villalobos et al 2006 Plant Physiol 141:3-14 (GenBank: AY968054.1); Backbone Size:7272; Vector Backbone:pLUC Trap3 (GW); Vector Types:Bacterial Expression, Plant Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pOPTXcGMPRELUC

Relevant Mutation: 3x cGMPRE inserted 190bp 5' of ATG (cGMPRE = aaatagatttcaacagtt)

Record Creation Time: 20220422T222426+0000

Record Last Update: 20260815T081844+0000

Ratings and Alerts

No rating or validation information has been found for pOPTXcGMPRELUC.

No alerts have been found for pOPTXcGMPRELUC.

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 [dkNET](#) .

Turek I, et al. (2023) The discovery of hidden guanylate cyclases (GCs) in the Homo sapiens proteome. Computational and structural biotechnology journal, 21, 5523.