Resource Summary Report

Generated by dkNET on Aug 18, 2026

pDawn

RRID:Addgene_43796
Type: Plasmid

Proper Citation

RRID:Addgene_43796

Plasmid Information

URL: http://www.addgene.org/43796

Proper Citation: RRID:Addgene_43796

Bacterial Resistance: Kanamycin

Defining Citation: PMID:22245580

Vector Backbone Description: Vector Backbone:pUC; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: NOTE: there is a second, non-annotated EcoRI site present in this plasmid. The function of the plasmid will not be impaired; however, you cannot use the EcoRI site in the MCS for cloning.

Plasmid Name: pDawn

Record Creation Time: 20220422T222227+0000

Record Last Update: 20260815T081510+0000

Ratings and Alerts

No rating or validation information has been found for pDawn.

No alerts have been found for pDawn.

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 dkNET .

Wang Y, et al. (2025) Living plastics from plasticizer-assisted thermal molding of silk protein. Nature communications, 16(1), 52.

Benman W, et al. (2023) High-throughput feedback-enabled optogenetic stimulation and spectroscopy in microwell plates. Communications biology, 6(1), 1192.

Wang J, et al. (2021) A Biosensor for Detection of Indole Metabolites. ACS synthetic biology, 10(7), 1605.

Li X, et al. (2020) A single-component light sensor system allows highly tunable and direct activation of gene expression in bacterial cells. Nucleic acids research, 48(6), e33.

Sankaran S, et al. (2019) Optoregulated Drug Release from an Engineered Living Material: Self-Replenishing Drug Depots for Long-Term, Light-Regulated Delivery. Small (Weinheim an der Bergstrasse, Germany), 15(5), e1804717.

Jin X, et al. (2018) Biofilm Lithography enables high-resolution cell patterning via optogenetic adhesin expression. Proceedings of the National Academy of Sciences of the United States of America, 115(14), 3698.