

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

pJKW 0643

RRID:Addgene_74121

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/74121>

Proper Citation: RRID:Addgene_74121

Insert Name: Photinus pyralis firefly luciferin sulfotransferase

Organism: Photinus pyralis

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:27227579](#)

Vector Backbone Description: Backbone Marker:Produced in Jing-Ke Weng lab;
Backbone Size:5350; Vector Backbone:pHis8-4; Vector Types:Bacterial Expression;
Bacterial Resistance:Kanamycin

Comments: Expressed robustly in E.coli. Catalyzes sulfonation / desulfonation of firefly luciferin / sulfoluciferin with PAPS / PAP.

Plasmid Name: pJKW 0643

Record Creation Time: 20220422T222453+0000

Record Last Update: 20260905T080100+0000

Ratings and Alerts

No rating or validation information has been found for pJKW 0643.

No alerts have been found for pJKW 0643.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.