

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pCAGGS-PB1-MontiRed-LOV2dark

RRID:Addgene_178874

Type: Plasmid

Proper Citation

RRID:Addgene_178874

Plasmid Information

URL: <http://www.addgene.org/178874>

Proper Citation: RRID:Addgene_178874

Insert Name: PB1-MontiRed-LOV2dark

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33890764](#)

Vector Backbone Description: Backbone Marker:Dr. Jun-ichi Miyazaki (Osaka University, Japan); Backbone Size:4091; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAGGS-PB1-MontiRed-LOV2dark

Relevant Mutation: LOV2: C450A, L514K, G528A, L531E, N538E

Record Creation Time: 20220422T222030+0000

Record Last Update: 20260725T074343+0000

Ratings and Alerts

No rating or validation information has been found for pCAGGS-PB1-MontiRed-LOV2dark.

No alerts have been found for pCAGGS-PB1-MontiRed-LOV2dark.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.