

Resource Summary Report

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

pCS2-Opto-Alk3

RRID:Addgene_207614

Type: Plasmid

Proper Citation

RRID:Addgene_207614

Plasmid Information

URL: <http://www.addgene.org/207614>

Proper Citation: RRID:Addgene_207614

Insert Name: Alk3 (bmpr1aa) kinase domain + VfLOV domain

Organism: Danio rerio

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33174840](#)

Vector Backbone Description: Backbone Size:4095; Vector Backbone:pCS2+; Vector Types;; Bacterial Resistance:Ampicillin

Plasmid Name: pCS2-Opto-Alk3

Record Creation Time: 20231012T080459+0000

Record Last Update: 20260815T082753+0000

Ratings and Alerts

No rating or validation information has been found for pCS2-Opto-Alk3.

No alerts have been found for pCS2-Opto-Alk3.

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 [RRID](#) .

Iannucci LE, et al. (2026) An optogenetic toolkit for robust activation of FGF, BMP, & Nodal signaling in zebrafish. *Developmental biology*, 536, 155.