

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

optoPKAW196R/F327A

RRID:Addgene_104547

Type: Plasmid

Proper Citation

RRID:Addgene_104547

Plasmid Information

URL: <http://www.addgene.org/104547>

Proper Citation: RRID:Addgene_104547

Insert Name: Cry2-mCherry-PKA W196R/F327A

Organism: Arabidopsis thaliana

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29104065](#)

Vector Backbone Description: Backbone Marker:Chandra Tucker; Backbone Size:6219; Vector Backbone:pmCherryCry2; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: optoPKAW196R/F327A

Relevant Mutation: PKA W196R and Y204A

Record Creation Time: 20220422T221507+0000

Record Last Update: 20260725T073408+0000

Ratings and Alerts

No rating or validation information has been found for optoPKAW196R/F327A.

No alerts have been found for optoPKAW196R/F327A.

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 [NIF](#) .

Haar LL, et al. (2019) Optogenetic perturbation of the biochemical pathways that control cell behavior. Methods in enzymology, 622, 309.