Resource Summary Report

Generated by RRID on Aug 25, 2026

pCRI018-pKW20088-PelcA-mCherry-TtrpC-PU3-E1-Cas9Scaffold-8xT

RRID:Addgene_140205
Type: Plasmid

Proper Citation

RRID:Addgene_140205

Plasmid Information

URL: http://www.addgene.org/140205

Proper Citation: RRID:Addgene_140205

Insert Name: mCherry

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: PMID:32526136

Vector Backbone Description: Backbone Marker:doi:10.1038/nchembio.1366; Backbone Size:14245; Vector Backbone:pKW20088; Vector Types:CRISPR, Synthetic Biology, Proof-of-concept test target of a in filamentous fungi.; Bacterial Resistance:Ampicillin

Comments: To be cotransformed in strains expressing dSpCas9-VPR. This proof-of-concept vector is intended to serve as a positive control and aid the implementation of the CRISPRa vector set in other fungal species, facilitating initial testing and troubleshooting. The proof of concept activation is easily observable in Aspergillus nidulans with fluorescence microscopy when Cas9 is expressed from pCRI006. The mCherry mutation G174D does not appear to affect fluorescence.

Plasmid Name: pCRI018-pKW20088-PelcA-mCherry-TtrpC-PU3-E1-Cas9Scaffold-8xT

Relevant Mutation: G174D

Record Creation Time: 20220422T221810+0000

Record Last Update: 20260815T080640+0000

Ratings and Alerts

No rating or validation information has been found for pCRI018-pKW20088-PelcA-mCherry-TtrpC-PU3-E1-Cas9Scaffold-8xT.

No alerts have been found for pCRI018-pKW20088-PelcA-mCherry-TtrpC-PU3-E1-Cas9Scaffold-8xT.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.