Resource Summary Report

Generated by nidm-terms on Aug 9, 2026

pCI syn iGluf

RRID:Addgene_106121
Type: Plasmid

Proper Citation

RRID:Addgene_106121

Plasmid Information

URL: http://www.addgene.org/106121

Proper Citation: RRID:Addgene_106121

Insert Name: iGluSnFR E25D variant

Organism: Escherichia coli (strain K12)

Bacterial Resistance: Ampicillin

Defining Citation: PMID:29735711

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:4000; Vector Backbone:pCI; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: pCI syn iGluf is the E25D variant of pCI syn iGluSnFR. (iGluSnFR was created by Marvin et al.2013) bioRxiv: https://doi.org/10.1101/233494

Plasmid Name: pCI syn iGluf

Relevant Mutation: Changed Glu 25 to Asp

Record Creation Time: 20220422T221515+0000

Record Last Update: 20260808T080348+0000

Ratings and Alerts

No rating or validation information has been found for pCI syn iGluf.

No alerts have been found for pCI syn iGluf.

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 nidm-terms .

D??rst CD, et al. (2019) High-speed imaging of glutamate release with genetically encoded sensors. Nature protocols, 14(5), 1401.