

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

Corynebacterium glutamicum::RFP

RRID:Addgene_79642

Type: Plasmid

Proper Citation

RRID:Addgene_79642

Plasmid Information

URL: <http://www.addgene.org/79642>

Proper Citation: RRID:Addgene_79642

Insert Name: NA

Bacterial Resistance: Gentamicin

Defining Citation: [PMID:26829286](#)

Vector Backbone Description: Vector Backbone:NA; Vector Types;; Bacterial Resistance:Gentamicin

Comments: If LacI is added to the cell (e.g., in a plasmid), the expression of RFP will be somewhat repressed (unless if IPTG is added), as there is a lacO between the promoter and the gene's ATG. Attempts to remove this lacO were unsuccessful - we suspect the higher RFP expression might lead to cell death (in the cloning strain, E. coli DH5alpha). Please note this strain has a higher %GC than E. coli, so PCRing (and sequencing) may be difficult.

Plasmid Name: Corynebacterium glutamicum::RFP

Record Creation Time: 20220422T222521+0000

Record Last Update: 20260808T082215+0000

Ratings and Alerts

No rating or validation information has been found for Corynebacterium glutamicum::RFP.

No alerts have been found for Corynebacterium glutamicum::RFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.