

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

[pCru5-/GCCACC-mEGFP-IRES-mCherry](#)

RRID:Addgene_49226

Type: Plasmid

Proper Citation

RRID:Addgene_49226

Plasmid Information

URL: <http://www.addgene.org/49226>

Proper Citation: RRID:Addgene_49226

Insert Name: mEGFP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23798422](#)

Vector Backbone Description: Vector Backbone:pCru5; Vector Types:Mammalian Expression, Retroviral, Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: Vector allows for control of transgene expression at the level of translation. It is 1 vector in a set of 9 that spans a range of expression levels. Sequencing through any part of the IRES sequence is not advised. Expression of gene downstream of IRES remains constant, despite varying expression of gene upstream.

Plasmid Name: pCru5-/GCCACC-mEGFP-IRES-mCherry

Record Creation Time: 20220422T222254+0000

Record Last Update: 20260815T081558+0000

Ratings and Alerts

No rating or validation information has been found for pCru5-/GCCACC-mEGFP-IRES-mCherry.

No alerts have been found for pCru5-/GCCACC-mEGFP-IRES-mCherry.

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](#) .

Murat P, et al. (2018) RNA G-quadruplexes at upstream open reading frames cause DHX36- and DHX9-dependent translation of human mRNAs. Genome biology, 19(1), 229.