

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

mCherryS131C

RRID:Addgene_48732

Type: Plasmid

Proper Citation

RRID:Addgene_48732

Plasmid Information

URL: <http://www.addgene.org/48732>

Proper Citation: RRID:Addgene_48732

Insert Name: mCherryS131C

Organism: Synthetic

Bacterial Resistance: Ampicillin and Kanamycin

Defining Citation: [PMID:21696135](#)

Vector Backbone Description: Backbone Marker:QIAGEN; Backbone Size:3439; Vector Backbone:pQE-9; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin and Kanamycin

Comments: This plasmid must be grown under Ampicillin (100ug/ml) and Kanamycin (50ug/ml) selection in order to retain both the mCherryS131C plasmid and the pREP4 helper plasmid. Please note that verifying this plasmid by sequencing or digest is challenging due to the presence of the helper plasmid, as multiple bands or mispriming is likely to occur. See Addgene's sequencing results for recommended primers. The S131C mutation in this plasmid is S136C, when compared to the starting Met of wild-type mCherry.

Plasmid Name: mCherryS131C

Relevant Mutation: changed serine 131 to cysteine

Record Creation Time: 20220422T222251+0000

Record Last Update: 20260725T074752+0000

Ratings and Alerts

No rating or validation information has been found for mCherryS131C.

No alerts have been found for mCherryS131C.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.