

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 29, 2026

pLMB509

RRID:Addgene_40084

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/40084>

Proper Citation: RRID:Addgene_40084

Insert Name: gfpmut 3.1

Organism: jellyfish

Bacterial Resistance: Gentamicin

Defining Citation: [PMID:22820336](#)

Vector Backbone Description: Backbone Size:4768; Vector Backbone:pBBRMCS5; Vector Types:Bacterial Expression; Bacterial Resistance:Gentamicin

Comments: GenBank accession number: JQ895027 pLMB509 contains GFPmut3.1 reporter gene downstream of the inducible promoter tauAp and a ribosomal binding site (RBS), followed by a six-His tag and a transcriptional stop codon. NdeI restriction sites flank the reporter gene, enabling the easy removal of gfpmut3.1 and subsequent replacement with the desired gene in frame. This plasmid is compatible with BD In-Fusion cloning (Clontech) for the cloning of genes containing NdeI restriction sites

Plasmid Name: pLMB509

Record Creation Time: 20220422T222208+0000

Record Last Update: 20260829T080503+0000

Ratings and Alerts

No rating or validation information has been found for pLMB509.

No alerts have been found for pLMB509.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.