

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 14, 2026

pGEMHE-mEGFP-mTrim21

RRID:Addgene_105519

Type: Plasmid

Proper Citation

RRID:Addgene_105519

Plasmid Information

URL: <http://www.addgene.org/105519>

Proper Citation: RRID:Addgene_105519

Insert Name: TRIM21

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29153837](#)

Vector Backbone Description: Backbone Size:3816; Vector Backbone:pGEMHE; Vector Types:in vitro Transcription; Bacterial Resistance:Ampicillin

Comments: The sequence contains an E318K in mTrim21. This mutation does not affect plasmid function as described in the associated publication.

Plasmid Name: pGEMHE-mEGFP-mTrim21

Record Creation Time: 20220422T221512+0000

Record Last Update: 20260808T080342+0000

Ratings and Alerts

No rating or validation information has been found for pGEMHE-mEGFP-mTrim21.

No alerts have been found for pGEMHE-mEGFP-mTrim21.

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 [SPARC SAWG](#) .

Iyyappan R, et al. (2025) Single-nucleotide Resolution Epitranscriptomic Profiling Uncovers Dynamic m6A Regulation in Bovine Preimplantation Development. bioRxiv : the preprint server for biology.