

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pAM1

RRID:Addgene_51401

Type: Plasmid

Proper Citation

RRID:Addgene_51401

Plasmid Information

URL: <http://www.addgene.org/51401>

Proper Citation: RRID:Addgene_51401

Insert Name: MetRS

Organism: E coli

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24347637](#)

Vector Backbone Description: Vector Backbone:pQE80 kan; Vector Types;; Bacterial Resistance:Kanamycin

Plasmid Name: pAM1

Relevant Mutation: L13N, Y260L, H301L; Please note that a truncated version of MetRS is used for pAM1. The extra stop codon was deliberately put in the sequence and shortens the sequence from 677AA to 548AA.

Record Creation Time: 20220422T222302+0000

Record Last Update: 20260815T081613+0000

Ratings and Alerts

No rating or validation information has been found for pAM1.

No alerts have been found for pAM1.

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](#) .

Burr SP, et al. (2023) Cell lineage-specific mitochondrial resilience during mammalian organogenesis. Cell, 186(6), 1212.