

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pMIGR AMPK KD

RRID:Addgene_27296

Type: Plasmid

Proper Citation

RRID:Addgene_27296

Plasmid Information

URL: <http://www.addgene.org/27296>

Proper Citation: RRID:Addgene_27296

Insert Name: AMP Acticated Protein Kinase

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:6000; Vector Backbone:pMIGR; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pMIGR AMPK KD

Relevant Mutation: Kinase Dead = Lys 45 to Arg

Record Creation Time: 20220422T222122+0000

Record Last Update: 20260815T081301+0000

Ratings and Alerts

No rating or validation information has been found for pMIGR AMPK KD.

No alerts have been found for pMIGR AMPK KD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Sun Q, et al. (2024) AMPK Deficiency Increases DNA Methylation and Aggravates Colorectal Tumorigenesis in AOM/DSS Mice. *Genes*, 15(7).

Millette MM, et al. (2022) A Single Transcript Knockdown-Replacement Strategy Employing 5' UTR Secondary Structures to Precisely Titrate Rescue Protein Translation. *Frontiers in genome editing*, 4, 803375.