

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

[pMC1SG5](#)

RRID:Addgene_31282

Type: Plasmid

Proper Citation

RRID:Addgene_31282

Plasmid Information

URL: <http://www.addgene.org/31282>

Proper Citation: RRID:Addgene_31282

Insert Name: Cry1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21613214](#)

Vector Backbone Description: Backbone Size:4100; Vector Backbone:pSG5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pMC1SG5

Record Creation Time: 20220422T222135+0000

Record Last Update: 20260815T081330+0000

Ratings and Alerts

No rating or validation information has been found for pMC1SG5.

No alerts have been found for pMC1SG5.

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](#) .

Toledo M, et al. (2018) Autophagy Regulates the Liver Clock and Glucose Metabolism by Degrading CRY1. *Cell metabolism*, 28(2), 268.

Molusky MM, et al. (2018) Metformin and AMP Kinase Activation Increase Expression of the Sterol Transporters ABCG5/8 (ATP-Binding Cassette Transporter G5/G8) With Potential Antiatherogenic Consequences. *Arteriosclerosis, thrombosis, and vascular biology*, 38(7), 1493.