

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

pMXS-IRES-Blast SHMT2 CD

RRID:Addgene_106302

Type: Plasmid

Proper Citation

RRID:Addgene_106302

Plasmid Information

URL: <http://www.addgene.org/106302>

Proper Citation: RRID:Addgene_106302

Insert Name: serine hydroxymethyltransferase 2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29452640](#)

Vector Backbone Description: Backbone Size:5500; Vector Backbone:pMXS-IRES-blast; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pMXS-IRES-Blast SHMT2 CD

Relevant Mutation: K280A catalytic site mutation, Silent mutations destroy sgRNA targeting sites

Record Creation Time: 20220422T221516+0000

Record Last Update: 20260912T091424+0000

Ratings and Alerts

No rating or validation information has been found for pMXS-IRES-Blast SHMT2 CD.

No alerts have been found for pMXS-IRES-Blast SHMT2 CD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.