

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

pCMV-myc-Sema4DdeltaC

RRID:Addgene_51602

Type: Plasmid

Proper Citation

RRID:Addgene_51602

Plasmid Information

URL: <http://www.addgene.org/51602>

Proper Citation: RRID:Addgene_51602

Insert Name: Sema4DdeltaC

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24036351](#)

Vector Backbone Description: Backbone Size:4000; Vector Backbone:pCMV; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please note that the sequence of the myc epitope tag in this plasmid is MQKLISEEDLL, which differs from the standard EQKLISEEDLL. The Sema4D insert in this plasmid does not contain amino acids 1-50 and contains a L745P mutation when compared to GenBank reference sequence NP_542764.2

Plasmid Name: pCMV-myc-Sema4DdeltaC

Relevant Mutation: Last 69 amino acids of Sema4D C-terminus are deleted.Silent mutations between amino acids (approx 275-281) to make resistant against shRNA1. Also silent mutation at aa 54-60 to make susceptible to shRNA2.

Record Creation Time: 20220422T222303+0000

Record Last Update: 20260808T081805+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-myc-Sema4DdeltaC.

No alerts have been found for pCMV-myc-Sema4DdeltaC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.