

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

[pCALSL-mir30](#)

RRID:Addgene_13786

Type: Plasmid

Proper Citation

RRID:Addgene_13786

Plasmid Information

URL: <http://www.addgene.org/13786>

Proper Citation: RRID:Addgene_13786

Insert Name: mir30 cassette

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17209010](#)

Vector Backbone Description: Backbone Size:5555; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Cre recombinase-dependent inducible RNAi vector. shRNA is expressed only in the presence of Cre. Hairpin DNA can be cloned into the XhoI/EcoRI site. A protocol for hairpin DNA design and cloning was reported by Gregory Hannon lab http://hannonlab.cshl.edu/publications/shrt_hrpina_RNA.pdf (Paddison et al. Nat. Methods 1, 163-167 (2004)). Addgene's quality control sequencing finds a few nucleotides of discrepancy with the depositor's provided full plasmid sequence. These changes are not thought to affect plasmid function.

Plasmid Name: pCALSL-mir30

Record Creation Time: 20220422T221758+0000

Record Last Update: 20260815T080617+0000

Ratings and Alerts

No rating or validation information has been found for pCALSL-mir30.

No alerts have been found for pCALSL-mir30.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Broix L, et al. (2025) m6A RNA methylation-mediated control of global APC expression is required for local translation of ??-actin and axon development. Cell reports, 44(6), 115727.

Martineau FS, et al. (2018) Correct Laminar Positioning in the Neocortex Influences Proper Dendritic and Synaptic Development. Cerebral cortex (New York, N.Y. : 1991), 28(8), 2976.

Milam AAV, et al. (2018) Tuning T Cell Signaling Sensitivity Alters the Behavior of CD4+ T Cells during an Immune Response. Journal of immunology (Baltimore, Md. : 1950), 200(10), 3429.

Luo W, et al. (2016) Supernova: A Versatile Vector System for Single-Cell Labeling and Gene Function Studies in vivo. Scientific reports, 6, 35747.

Carabalona A, et al. (2016) KIF1A inhibition immortalizes brain stem cells but blocks BDNF-mediated neuronal migration. Nature neuroscience, 19(2), 253.

Garcez PP, et al. (2015) Cenpj/CPAP regulates progenitor divisions and neuronal migration in the cerebral cortex downstream of Ascl1. Nature communications, 6, 6474.