Resource Summary Report

Generated by RRID on Aug 27, 2026

pSicoR Dnmt1

RRID:Addgene_12166
Type: Plasmid

Proper Citation

RRID:Addgene_12166

Plasmid Information

URL: http://www.addgene.org/12166

Proper Citation: RRID:Addgene_12166

Insert Name: Dnmt1 shRNA

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:15240889

Vector Backbone Description: Backbone Size:7560; Vector Backbone:pSicoR; Vector Types:Mammalian Expression, Lentiviral, RNAi, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Cre TURNS OFF Dnmt1 shRNA expression. The shRNA is directed against the mouse Dnmt1 sequence 5'-GAGTGTGTGAGGGAGAAA-3'.

Plasmid Name: pSicoR Dnmt1

Relevant Mutation: EGFP is expressed from this plasmid as a marker, but it is not a fusion protein. EGFP and the shRNA oligo are flanked by LoxP sites. Cre causes both to be recombined out of the construct, turning off Dnmt1 shRNA expression.

Record Creation Time: 20220422T221636+0000

Record Last Update: 20260815T080336+0000

Ratings and Alerts

No rating or validation information has been found for pSicoR Dnmt1.

No alerts have been found for pSicoR Dnmt1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Sasidharan Nair V, et al. (2016) Vitamin C Facilitates Demethylation of the Foxp3 Enhancer in a Tet-Dependent Manner. Journal of immunology (Baltimore, Md. : 1950), 196(5), 2119.