

Resource Summary Report

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

pSicoR-sh4EBP2

RRID:Addgene_81121

Type: Plasmid

Proper Citation

RRID:Addgene_81121

Plasmid Information

URL: <http://www.addgene.org/81121>

Proper Citation: RRID:Addgene_81121

Insert Name: 4E-BP2 shRNA

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24139800](#)

Vector Backbone Description: Backbone Marker:Jacks Lab (MIT); Backbone Size:7567; Vector Backbone:pSicoR; Vector Types:Mammalian Expression, Lentiviral, RNAi, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: pSicoR allows for expression of the 4E-BP2 shRNA in the absence of Cre. Expression of Cre turns off shRNA expression. These plasmids were also used in the following publication "Normalizing translation through 4E-BP prevents mTOR-driven cortical mislamination and ameliorates aberrant neuron integration. Lin TV, Hsieh L, Kimura T, Malone TJ, Bordey A. Proc Natl Acad Sci U S A. 2016 Oct 4;113(40):11330-11335."

Plasmid Name: pSicoR-sh4EBP2

Record Creation Time: 20220422T222528+0000

Record Last Update: 20260815T082044+0000

Ratings and Alerts

No rating or validation information has been found for pSicoR-sh4EBP2.

No alerts have been found for pSicoR-sh4EBP2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.