

Resource Summary Report

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

pSICO-Flpo

RRID:Addgene_24969

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/24969>

Proper Citation: RRID:Addgene_24969

Insert Name: Flp recombinase

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20479239](#)

Vector Backbone Description: Backbone Marker:Addgene Plasmid 11578; Backbone Size:6739; Vector Backbone:pSico; Vector Types:Mammalian Expression, Lentiviral, RNAi, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: pSico-Flpo allows for conditional (Cre-Lox), stable expression of shRNAs for RNA interference in cells and transgenic mice. Addition of Cre TURNS ON shRNA expression. The shRNA coding oligos have to be cloned into the HpaI and XhoI restriction sites. Oligo design information can be found on the author's map or on the Jacks Lab website <http://web.mit.edu/ccr/labs/jacks/protocols/pSico.html>

Plasmid Name: pSICO-Flpo

Record Creation Time: 20220422T222111+0000

Record Last Update: 20260815T081235+0000

Ratings and Alerts

No rating or validation information has been found for pSICO-Flpo.

No alerts have been found for pSICO-Flpo.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Adem B, et al. (2024) Exosomes define a local and systemic communication network in healthy pancreas and pancreatic ductal adenocarcinoma. Nature communications, 15(1), 1496.

Cardot-Ruffino V, et al. (2020) Generation of a conditional Flpo/FRT mouse model expressing constitutively active TGF β in fibroblasts. Scientific reports, 10(1), 3880.

Takaku M, et al. (2018) GATA3 zinc finger 2 mutations reprogram the breast cancer transcriptional network. Nature communications, 9(1), 1059.