

Resource Summary Report

Generated by [kravitz2](#) on Aug 21, 2026

MSCV FLIPi P2G_Thy1.1 PTEN

RRID:Addgene_19749

Type: Plasmid

Proper Citation

RRID:Addgene_19749

Plasmid Information

URL: <http://www.addgene.org/19749>

Proper Citation: RRID:Addgene_19749

Insert Name: oligo targeting PTEN

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18779577](#)

Vector Backbone Description: Backbone Size:7994; Vector Backbone:MSCV FLIPi; Vector Types:Mammalian Expression, Retroviral, RNAi, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Constitutively expresses puromycin-resistance and GFP. Recombines to express surface Thy1.1 and miR30-based RNAi. The miRNA is contained within an artificial intron, and splicing of the intron can boost transgene expression (1.5 to 2-fold). The expression of surface Thy1.1 facilitates antibody-mediated cell sorting. See FLIP vector protocols (PDF from this page) for more information. There are minor discrepancies between the depositor's sequence and Addgene's sequencing results. The mismatches are either coding joints or a sequencing difference between the actual and the published miR30 vector sequence.

Plasmid Name: MSCV FLIPi P2G_Thy1.1 PTEN

Record Creation Time: 20220422T222047+0000

Record Last Update: 20260815T081148+0000

Ratings and Alerts

No rating or validation information has been found for MSCV FLIPi P2G_Thy1.1 PTEN.

No alerts have been found for MSCV FLIPi P2G_Thy1.1 PTEN.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.