

Resource Summary Report

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

MSCV FLIPi P2G_Thy1.1 DbI (p53,PTEN)

RRID:Addgene_19746

Type: Plasmid

Proper Citation

RRID:Addgene_19746

Plasmid Information

URL: <http://www.addgene.org/19746>

Proper Citation: RRID:Addgene_19746

Insert Name: oligo targeting p53 and 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 DbI (p53,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 Dbl (p53,PTEN).

No alerts have been found for MSCV FLIPi P2G_Thy1.1 Dbl (p53,PTEN).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Gatesman TA, et al. (2026) MYCN drives pediatric glioma transformation from neural progenitors and creates distinct therapeutic vulnerabilities. Cell reports, 45(6), 117522.

Zhang Y, et al. (2017) Foxb1 Regulates Negatively the Proliferation of Oligodendrocyte Progenitors. Frontiers in neuroanatomy, 11, 53.