

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

MSCV-PIG-Cre

RRID:Addgene_50935

Type: Plasmid

Proper Citation

RRID:Addgene_50935

Plasmid Information

URL: <http://www.addgene.org/50935>

Proper Citation: RRID:Addgene_50935

Insert Name: Cre recombinase

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16079851](#)

Vector Backbone Description: Backbone Marker:Scott Lowe; Backbone Size:6300; Vector Backbone:MSCV PIG, Addgene plasmid # 18751; Vector Types:Mammalian Expression, Retroviral, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Contains Puro resistance gene, IRES, and GFP downstream of PGK promoter. The Nuclear Localization Sequence fusion Cre recombinase (NLS-Cre) was excised from pTZ-CreN vector (a gift from L. Nitschke).

Plasmid Name: MSCV-PIG-Cre

Record Creation Time: 20220422T222301+0000

Record Last Update: 20260815T081610+0000

Ratings and Alerts

No rating or validation information has been found for MSCV-PIG-Cre.

No alerts have been found for MSCV-PIG-Cre.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Lamorte S, et al. (2025) Lymph node macrophages drive immune tolerance and resistance to cancer therapy by induction of the immune-regulatory cytokine IL-33. *Cancer cell*, 43(5), 955.

Guccini I, et al. (2021) Senescence Reprogramming by TIMP1 Deficiency Promotes Prostate Cancer Metastasis. *Cancer cell*, 39(1), 68.

Toriyama M, et al. (2017) Folate-dependent methylation of septins governs ciliogenesis during neural tube closure. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 31(8), 3622.

Alonso S, et al. (2016) Hedgehog and retinoid signaling alters multiple myeloma microenvironment and generates bortezomib resistance. *The Journal of clinical investigation*, 126(12), 4460.

Livingston MJ, et al. (2016) Persistent activation of autophagy in kidney tubular cells promotes renal interstitial fibrosis during unilateral ureteral obstruction. *Autophagy*, 12(6), 976.