

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

pMXs-c-Myc-T58A

RRID:Addgene_13372

Type: Plasmid

Proper Citation

RRID:Addgene_13372

Plasmid Information

URL: <http://www.addgene.org/13372>

Proper Citation: RRID:Addgene_13372

Insert Name: myelocytomatosis oncogene (T58A mutant)

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16904174](#)

Vector Backbone Description: Backbone Size:4600; Vector Backbone:pMXs; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: The sequence of primer pMX-S1811 is GAC GGC ATC GCA GCT TGG ATA CAC.

Plasmid Name: pMXs-c-Myc-T58A

Relevant Mutation: Tyrosine 58 to Alanine

Record Creation Time: 20220422T221740+0000

Record Last Update: 20260815T080538+0000

Ratings and Alerts

No rating or validation information has been found for pMXs-c-Myc-T58A.

No alerts have been found for pMXs-c-Myc-T58A.

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](#) .

Visvanathan A, et al. (2024) Early rhombic lip Protogenin+ve stem cells in a human-specific neurovascular niche initiate and maintain group 3 medulloblastoma. *Cell*, 187(17), 4733.

Manian KV, et al. (2015) Understanding the Molecular Basis of Heterogeneity in Induced Pluripotent Stem Cells. *Cellular reprogramming*, 17(6), 427.

Koh S, et al. (2015) Generation of Induced Pluripotent Stem Cells (iPSCs) from Adult Canine Fibroblasts. *Methods in molecular biology* (Clifton, N.J.), 1330, 69.

Barrero MJ, et al. (2013) Macrohistone variants preserve cell identity by preventing the gain of H3K4me2 during reprogramming to pluripotency. *Cell reports*, 3(4), 1005.

Rodriguez R, et al. (2012) Modeling sarcomagenesis using multipotent mesenchymal stem cells. *Cell research*, 22(1), 62.