

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

MSCV puro let-7 sponge

RRID:Addgene_29766

Type: Plasmid

Proper Citation

RRID:Addgene_29766

Plasmid Information

URL: <http://www.addgene.org/29766>

Proper Citation: RRID:Addgene_29766

Insert Name: let-7 sponge

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18308936](#)

Vector Backbone Description: Backbone Size:6000; Vector Backbone:MSCV puro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: The let-7 family sponge contains six bulged sites with alternating sequences AACUAUACAAGGACUACCUCA and AACUAUACAAUGACUACCUCA. The binding sites are for a consensus sequence of all mammalian let-7 miRNAs

Plasmid Name: MSCV puro let-7 sponge

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260725T074534+0000

Ratings and Alerts

No rating or validation information has been found for MSCV puro let-7 sponge.

No alerts have been found for MSCV puro let-7 sponge.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Han JS, et al. (2023) Notch directs telencephalic development and controls neocortical neuron fate determination by regulating microRNA levels. *Development (Cambridge, England)*, 150(11).

Campbell AM, et al. (2022) Epstein-Barr Virus BGLF2 commandeers RISC to interfere with cellular miRNA function. *PLoS pathogens*, 18(1), e1010235.

Wang D, et al. (2022) Developmental maturation of the hematopoietic system controlled by a Lin28b-let-7-Cbx2 axis. *Cell reports*, 39(1), 110587.

Lovnicki J, et al. (2020) LIN28B promotes the development of neuroendocrine prostate cancer. *The Journal of clinical investigation*, 130(10), 5338.

Rowe RG, et al. (2016) Developmental regulation of myeloerythroid progenitor function by the Lin28b-let-7-Hmga2 axis. *The Journal of experimental medicine*, 213(8), 1497.

Wang Y, et al. (2015) The oncogenic roles of DICER1 RNase IIIb domain mutations in ovarian Sertoli-Leydig cell tumors. *Neoplasia (New York, N.Y.)*, 17(8), 650.

Mansouri S, et al. (2014) Epstein-Barr virus EBNA1 protein regulates viral latency through effects on let-7 microRNA and dicer. *Journal of virology*, 88(19), 11166.

Lee YT, et al. (2013) LIN28B-mediated expression of fetal hemoglobin and production of fetal-like erythrocytes from adult human erythroblasts ex vivo. *Blood*, 122(6), 1034.