

Resource Summary Report

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

[pEN_TTmcs](#)

RRID:Addgene_25755

Type: Plasmid

Proper Citation

RRID:Addgene_25755

Plasmid Information

URL: <http://www.addgene.org/25755>

Proper Citation: RRID:Addgene_25755

Bacterial Resistance: Gentamicin

Defining Citation: [PMID:16945906](#)

Vector Backbone Description: Backbone Marker:ATCC 10326362; Backbone Size:4218; Vector Backbone:pENTR1A-Gent; Vector Types:Gateway Cloning; Bacterial Resistance:Gentamicin

Comments: shRNA expression; miR30-based topology; TRE-TIGHT Pmin promoter + DsRed2 spacer; Entry vector backbone; +ccdB in parent; Spe1 d/s of TRE-TIGHT

Plasmid Name: pEN_TTmcs

Record Creation Time: 20220422T222115+0000

Record Last Update: 20260725T074501+0000

Ratings and Alerts

No rating or validation information has been found for pEN_TTmcs.

No alerts have been found for pEN_TTmcs.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Bekku Y, et al. (2024) Glia trigger endocytic clearance of axonal proteins to promote rodent myelination. *Developmental cell*.

Griffiths CD, et al. (2024) Three Modes of Viral Adaption by the Heart. *bioRxiv* : the preprint server for biology.

Zhang X, et al. (2024) CRISPR screening identifies PRMT1 as a key pro-ferroptotic gene via a two-layer regulatory mechanism. *Cell reports*, 43(9), 114662.

Barutcu AR, et al. (2022) Prolonged FOS activity disrupts a global myogenic transcriptional program by altering 3D chromatin architecture in primary muscle progenitor cells. *Skeletal muscle*, 12(1), 20.

Singh RS, et al. (2022) DDX41 is required for cGAS-STING activation against DNA virus infection. *Cell reports*, 39(8), 110856.

Kim H, et al. (2021) RNA m6A Methyltransferase Mettl3 Regulates Spatial Neural Patterning in *Xenopus laevis*. *Molecular and cellular biology*, 41(8), e0010421.

Almada AE, et al. (2021) FOS licenses early events in stem cell activation driving skeletal muscle regeneration. *Cell reports*, 34(4), 108656.

Kim J, et al. (2020) Mechanical stretch induces myelin protein loss in oligodendrocytes by activating Erk1/2 in a calcium-dependent manner. *Glia*, 68(10), 2070.

Dagogo-Jack I, et al. (2020) MET Alterations Are a Recurring and Actionable Resistance Mechanism in ALK-Positive Lung Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 26(11), 2535.

Kaneko S, et al. (2018) X chromosome protects against bladder cancer in females via a KDM6A-dependent epigenetic mechanism. *Science advances*, 4(6), eaar5598.

Hubner EK, et al. (2018) Constitutive and Inducible Systems for Genetic In Vivo Modification of Mouse Hepatocytes Using Hydrodynamic Tail Vein Injection. *Journal of visualized experiments : JoVE*(132).

Muther C, et al. (2017) An expression screen for aged-dependent microRNAs identifies miR-30a as a key regulator of aging features in human epidermis. *Aging*, 9(11), 2376.

Hubner EK, et al. (2017) An in vivo transfection system for inducible gene expression and gene silencing in murine hepatocytes. *The journal of gene medicine*, 19(1-2).

Ogura H, et al. (2017) TKI-addicted ROS1-rearranged cells are destined to survival or death by the intensity of ROS1 kinase activity. *Scientific reports*, 7(1), 5519.

Cui Z, et al. (2017) KANK1 inhibits cell growth by inducing apoptosis through regulating CXXC5 in human malignant peripheral nerve sheath tumors. *Scientific reports*, 7, 40325.

Maina PK, et al. (2016) c-MYC drives histone demethylase PHF8 during neuroendocrine differentiation and in castration-resistant prostate cancer. *Oncotarget*, 7(46), 75585.

MacKay JL, et al. (2014) Simultaneous and independent tuning of RhoA and Rac1 activity with orthogonally inducible promoters. *Integrative biology : quantitative biosciences from nano to macro*, 6(9), 885.

MacKay JL, et al. (2014) Three-dimensional patterning of multiple cell populations through orthogonal genetic control of cell motility. *Soft matter*, 10(14), 2372.

Tang X, et al. (2014) Lipid phosphate phosphatase-1 expression in cancer cells attenuates tumor growth and metastasis in mice. *Journal of lipid research*, 55(11), 2389.