

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

pEN396 - pCAGGS-Tir1-V5-2A-PuroR TIGRE donor

RRID:Addgene_92142

Type: Plasmid

Proper Citation

RRID:Addgene_92142

Plasmid Information

URL: <http://www.addgene.org/92142>

Proper Citation: RRID:Addgene_92142

Insert Name: osTir1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28525758](#)

Vector Backbone Description: Vector Backbone:pEN113 (Addgene #86233); Vector Types:Mammalian Expression, Mouse Targeting; Bacterial Resistance:Ampicillin

Comments: use with pX330-EN1201 (Cas9 + sgRNA against mouse TIGRE acceptor locus)

Plasmid Name: pEN396 - pCAGGS-Tir1-V5-2A-PuroR TIGRE donor

Record Creation Time: 20220422T222623+0000

Record Last Update: 20260829T081305+0000

Ratings and Alerts

No rating or validation information has been found for pEN396 - pCAGGS-Tir1-V5-2A-PuroR TIGRE donor.

No alerts have been found for pEN396 - pCAGGS-Tir1-V5-2A-PuroR TIGRE donor.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Chen Y, et al. (2026) Ribo-Tweezer: Rapid removal of ribosomal proteins reveals additional layers of post-transcriptional gene regulation. *Molecular cell*, 86(13), 2635.

Li L, et al. (2023) A mouse model with high clonal barcode diversity for joint lineage, transcriptomic, and epigenomic profiling in single cells. *Cell*, 186(23), 5183.

Escobar TM, et al. (2022) Inheritance of repressed chromatin domains during S phase requires the histone chaperone NPM1. *Science advances*, 8(17), eabm3945.

Rang FJ, et al. (2022) Single-cell profiling of transcriptome and histone modifications with EpiDamID. *Molecular cell*, 82(10), 1956.

Valton AL, et al. (2022) A cohesin traffic pattern genetically linked to gene regulation. *Nature structural & molecular biology*, 29(12), 1239.

Han S, et al. (2021) CHD4 Conceals Aberrant CTCF-Binding Sites at TAD Interiors by Regulating Chromatin Accessibility in Mouse Embryonic Stem Cells. *Molecules and cells*, 44(11), 805.

Macrae TA, et al. (2021) The deubiquitinase Usp9x regulates PRC2-mediated chromatin reprogramming during mouse development. *Nature communications*, 12(1), 1865.

Liu NQ, et al. (2021) WAPL maintains a cohesin loading cycle to preserve cell-type-specific distal gene regulation. *Nature genetics*, 53(1), 100.

Petracovici A, et al. (2021) Distinct PRC2 subunits regulate maintenance and establishment of Polycomb repression during differentiation. *Molecular cell*, 81(12), 2625.

Szabo Q, et al. (2020) Regulation of single-cell genome organization into TADs and chromatin nanodomains. *Nature genetics*, 52(11), 1151.