

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pHAGE2-TetOminiCMV-Oct4-p2a-Sox2-17-t2a-Klf4

RRID:Addgene_193345

Type: Plasmid

Proper Citation

RRID:Addgene_193345

Plasmid Information

URL: <http://www.addgene.org/193345>

Proper Citation: RRID:Addgene_193345

Insert Name: Oct4-p2a-Sox2-17-t2a-Klf4

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:38141611](#)

Vector Backbone Description: Backbone Size:6247; Vector Backbone:pHAGE2; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2022.09.23.509242v1> for BioRxiv preprint

Plasmid Name: pHAGE2-TetOminiCMV-Oct4-p2a-Sox2-17-t2a-Klf4

Relevant Mutation: Sox2-17 is engineered highly cooperative chimeric transcription factor, where the following elements of Sox2 were swapped with Sox17: 43-47, 61, 65-86 and CTD

Record Creation Time: 20221216T080419+0000

Record Last Update: 20260815T082433+0000

Ratings and Alerts

No rating or validation information has been found for pHAGE2-TetOminiCMV-Oct4-p2a-Sox2-17-t2a-Klf4.

No alerts have been found for pHAGE2-TetOminiCMV-Oct4-p2a-Sox2-17-t2a-Klf4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

MacCarthy CM, et al. (2024) Highly cooperative chimeric super-SOX induces naive pluripotency across species. Cell stem cell, 31(1), 127.