

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

pCXLE-Sox2AV-T2A-Klf4-E2A-Myc

RRID:Addgene_210017

Type: Plasmid

Proper Citation

RRID:Addgene_210017

Plasmid Information

URL: <http://www.addgene.org/210017>

Proper Citation: RRID:Addgene_210017

Insert Name: Sox2AV-t2a-Klf4-e2a-cMyc

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:38141611](#)

Vector Backbone Description: Backbone Size:10180; Vector Backbone:pCXLE; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Deliver to your PSCs combined with pCXWB-EBNA1 (Addgene #37624)
Please visit <https://www.biorxiv.org/content/10.1101/2022.09.23.509242v1> for BioRxiv preprint

Plasmid Name: pCXLE-Sox2AV-T2A-Klf4-E2A-Myc

Relevant Mutation: Sox2A61V is a point mutant of Sox2 that enhances its dimerization with POU factors, such as Oct4

Record Creation Time: 20231223T080523+0000

Record Last Update: 20260912T093944+0000

Ratings and Alerts

No rating or validation information has been found for pCXLE-Sox2AV-T2A-Klf4-E2A-Myc.

No alerts have been found for pCXLE-Sox2AV-T2A-Klf4-E2A-Myc.

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 [NIF](#) .

Pierson Smela M, et al. (2025) Rapid human oogonia-like cell specification via transcription factor-directed differentiation. EMBO reports, 26(4), 1114.