

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

[pCW57.1-mDux-CA](#)

RRID:Addgene_99284

Type: Plasmid

Proper Citation

RRID:Addgene_99284

Plasmid Information

URL: <http://www.addgene.org/99284>

Proper Citation: RRID:Addgene_99284

Insert Name: Dux-CA (mouse; codon altered)

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28459454](#)

Vector Backbone Description: Backbone Size:9354; Vector Backbone:pCW57.1; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pCW57.1-mDux-CA

Record Creation Time: 20220422T222633+0000

Record Last Update: 20260815T082246+0000

Ratings and Alerts

No rating or validation information has been found for pCW57.1-mDux-CA.

No alerts have been found for pCW57.1-mDux-CA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Di A, et al. (2025) Dppa2 Promotes Early Embryo Development Through Regulating PDH Expression Pattern During Zygotic Genome Activation. International journal of molecular sciences, 26(7).

Chammas P, et al. (2025) CRISPRa-mediated disentanglement of the Dux-MERVL axis in the 2C-like state, totipotency, and cell death. Science advances, 11(51), eadu9092.

Sebastian-Perez R, et al. (2025) SMARCAD1 and TOPBP1 contribute to heterochromatin maintenance at the transition from the 2C-like to the pluripotent state. eLife, 12.

Xiao L, et al. (2025) DUX-mediated configuration of p300/CBP drives minor zygotic genome activation independent of its catalytic activity. Cell reports, 44(4), 115544.

Jauch-Speer SL, et al. (2022) C/EBP β -induced epigenetic changes control the dynamic gene transcription of S100a8 and S100a9. eLife, 11.

Olbrich T, et al. (2021) CTCF is a barrier for 2C-like reprogramming. Nature communications, 12(1), 4856.

Yang G, et al. (2021) Dux-Mediated Corrections of Aberrant H3K9ac during 2-Cell Genome Activation Optimize Efficiency of Somatic Cell Nuclear Transfer. Cell stem cell, 28(1), 150.