

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pLgw EcoDam-V5-RFC1

RRID:Addgene_59209

Type: Plasmid

Proper Citation

RRID:Addgene_59209

Plasmid Information

URL: <http://www.addgene.org/59209>

Proper Citation: RRID:Addgene_59209

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:17038565](#)

Vector Backbone Description: Backbone Marker:PMID 9733856 ; Vector Backbone:HIV-CS-CG; Vector Types:Mammalian Expression, Lentiviral, DamID; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: The V5 epitope tag serves as a linker between Dam and your favorite protein. The lentiviral vectors can be used in two ways. When transfected as a conventional plasmid, the strong viral promoter drives high expression of the Dam(fusion) proteins. This should not be used for DamID experiments, but it is useful for checking of the proteins by Western blotting or immunofluorescence microscopy. When used as lentivirus, the strong promoter is deleted upon integration of the virus, and expression of the Dam(fusion) is now driven by the weak pIND-derived heatshock promoter.

Plasmid Name: pLgw EcoDam-V5-RFC1

Record Creation Time: 20220422T222341+0000

Record Last Update: 20260815T081721+0000

Ratings and Alerts

No rating or validation information has been found for pLgw EcoDam-V5-RFC1.

No alerts have been found for pLgw EcoDam-V5-RFC1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Huang Z, et al. (2025) SMCHD1 maintains heterochromatin, genome compartments and epigenome landscape in human myoblasts. Nature communications, 16(1), 6900.

Wang CY, et al. (2018) SMCHD1 Merges Chromosome Compartments and Assists Formation of Super-Structures on the Inactive X. Cell, 174(2), 406.