

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

CMV-loxp-DsRed-loxp-eGFP

RRID:Addgene_141148

Type: Plasmid

Proper Citation

RRID:Addgene_141148

Plasmid Information

URL: <http://www.addgene.org/141148>

Proper Citation: RRID:Addgene_141148

Insert Name: loxp-DsRed-loxp-eGFP

Organism: Other

Bacterial Resistance: Bleocin (Zeocin)

Defining Citation: [PMID:31649238](#)

Vector Backbone Description: Backbone Marker:Eric Campeau & Paul Kaufman (Addgene plasmid # 17294); Vector Backbone:pLenti CMV/TO Zeo DEST (644-1) ; Vector Types:Lentiviral; Bacterial Resistance:Bleocin (Zeocin)

Comments: loxp-DsRed-loxp-eGFP was PCR amplified from pMSCV-loxp-DsRed-loxp-eGFP-Puro-WPRE (Addgene plasmid #32702) using primers containing Sal1 and Not1 restriction enzyme sites. The amplified PCR fragment was digested with Sal1 and Not1 and ligated into the pENTRA1 vector cut with Sal1 and Not1. The Gateway SystemTM (Invitrogen) was used to recombine the pENTR1A shuttle vector with pLenti CMV/TO Zeo DEST (644-1) (#17294, Addgene) generating lentiviral vector 1.

Plasmid Name: CMV-loxp-DsRed-loxp-eGFP

Record Creation Time: 20220422T221814+0000

Record Last Update: 20260815T080646+0000

Ratings and Alerts

No rating or validation information has been found for CMV-loxp-DsRed-loxp-eGFP.

No alerts have been found for CMV-loxp-DsRed-loxp-eGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Hoover G, et al. (2025) Nerve-to-cancer transfer of mitochondria during cancer metastasis. Nature, 644(8075), 252.

Aleksandrovic E, et al. (2025) Temporal Clonal Tracing and Functional Perturbation Reveal Niche-Adaptive and Tumor-Intrinsic IFN?? Dependencies Driving Ovarian Cancer Metastasis. bioRxiv : the preprint server for biology.

Bhatavdekar O, et al. (2022) The Rate of Cisplatin Dosing Affects the Resistance and Metastatic Potential of Triple Negative Breast Cancer Cells, Independent of Hypoxia. Pharmaceuticals, 14(10).

Rocha HL, et al. (2021) A persistent invasive phenotype in post-hypoxic tumor cells is revealed by fate mapping and computational modeling. iScience, 24(9), 102935.

Godet I, et al. (2021) Post-Hypoxic Cells Promote Metastatic Recurrence after Chemotherapy Treatment in TNBC. Cancers, 13(21).