

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pLV-mScarlet-I

RRID:Addgene_159172

Type: Plasmid

Proper Citation

RRID:Addgene_159172

Plasmid Information

URL: <http://www.addgene.org/159172>

Proper Citation: RRID:Addgene_159172

Insert Name: mScarlet-I

Organism: Other

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Naldini Lab; Backbone Size:6782; Vector Backbone:pLenti-MP2; Vector Types:Mammalian Expression, Lentiviral, Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: The codons were optimized to the Human codon usage

Plasmid Name: pLV-mScarlet-I

Relevant Mutation: Codons were optimized to Human codon usage

Record Creation Time: 20220422T221902+0000

Record Last Update: 20260725T074106+0000

Ratings and Alerts

No rating or validation information has been found for pLV-mScarlet-I.

No alerts have been found for pLV-mScarlet-I.

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 [NIF](#) .

Arr?? V, et al. (2025) Inorganic Polyphosphate Triggers NLRP3 Inflammasome and Promotes the Epithelial-to-Mesenchymal Transition and Migration of Colorectal Cancer Cells Through TRPM8 Receptor. International journal of molecular sciences, 26(16).

Speck SL, et al. (2023) Hepatic palmitoyl-proteomes and acyl-protein thioesterase protein proximity networks link lipid modification and mitochondria. Cell reports, 42(11), 113389.