Resource Summary Report

Generated by nidm-terms on Aug 9, 2026

LUC01 (L/Sec/P)

RRID:Addgene_112144
Type: Plasmid

Proper Citation

RRID:Addgene_112144

Plasmid Information

URL: http://www.addgene.org/112144

Proper Citation: RRID:Addgene_112144

Insert Name: Luciferase coding region with Cysteine 258 mutated to selenocysteine (U) and wild-type PHGPx SECIS in the 3' UTR

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:15229221

Vector Backbone Description: Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: LUC01 (L/Sec/P)

Relevant Mutation: Cysteine 258 mutated to selenocysteine (U)

Record Creation Time: 20220422T221546+0000

Record Last Update: 20260808T080446+0000

Ratings and Alerts

No rating or validation information has been found for LUC01 (L/Sec/P).

No alerts have been found for LUC01 (L/Sec/P).

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 nidm-terms .

Castiglione GM, et al. (2025) Running a genetic stop sign accelerates oxygen metabolism and energy production in horses. Science (New York, N.Y.), 387(6741), eadr8589.

Chung CZ, et al. (2021) Introducing Selenocysteine into Recombinant Proteins in Escherichia coli. Current protocols, 1(2), e54.