

Resource Summary Report

Generated by T1D on Sep 23, 2026

PER2:Luc Plasmid

RRID:Addgene_206875

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/206875>

Proper Citation: RRID:Addgene_206875

Insert Name: Period 2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30943793](https://pubmed.ncbi.nlm.nih.gov/30943793/)

Vector Backbone Description: Backbone Marker:Alexeyev Lab; Backbone Size:8331; Vector Backbone:pMA3160; Vector Types:Mammalian Expression, Lentiviral, Luciferase; Bacterial Resistance:Ampicillin

Comments: For generation of PER2-luciferase (PER2:Luc) plasmid, a 159-bp EcoRI/NotI fragment was isolated from a pGL3 basic PER2 construct, obtained from Addgene (plasmid #48747, deposited by Dr Joseph Takahashi). The PER2 promoter-containing fragment was subcloned into the lentiviral construct pMA3160 (Addgene plasmid #35043, deposited by Dr Mikhail Alexeyev) to generate a PER2-luciferase reporter construct.

Plasmid Name: PER2:Luc Plasmid

Record Creation Time: 20240801T080613+0000

Record Last Update: 20260919T093328+0000

Ratings and Alerts

No rating or validation information has been found for PER2:Luc Plasmid.

No alerts have been found for PER2:Luc Plasmid.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.