

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

hPER2.2-luc

RRID:Addgene_250937

Type: Plasmid

Proper Citation

RRID:Addgene_250937

Plasmid Information

URL: <http://www.addgene.org/250937>

Proper Citation: RRID:Addgene_250937

Insert Name: PERIOD 2 Promoter

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:41226820](#)

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 952-bp EcoRI/NotI fragment was isolated from a pGL3 basic PER2 construct, obtained from Dr. Helmut Zarbl (Rutgers University). 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: hPER2.2-luc

Relevant Mutation: contains 952 bp of the truncated human PER2 promoter

Record Creation Time: 20260520T052459+0000

Record Last Update: 20260829T082710+0000

Ratings and Alerts

No rating or validation information has been found for hPER2.2-luc.

No alerts have been found for hPER2.2-luc.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.