

Resource Summary Report

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

[pLV6-Bmal-luc](#)

RRID:Addgene_68833

Type: Plasmid

Proper Citation

RRID:Addgene_68833

Plasmid Information

URL: <http://www.addgene.org/68833>

Proper Citation: RRID:Addgene_68833

Insert Name: Bmal1 regulatory sequences

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5900;
Vector Backbone:pLenti6; Vector Types:Mammalian Expression, Lentiviral, Luciferase;
Bacterial Resistance:Ampicillin

Plasmid Name: pLV6-Bmal-luc

Record Creation Time: 20220422T222428+0000

Record Last Update: 20260725T075038+0000

Ratings and Alerts

No rating or validation information has been found for pLV6-Bmal-luc.

No alerts have been found for pLV6-Bmal-luc.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Afshar-Saber W, et al. (2025) Neuronal hyperactivity becomes mTORC1 independent due to transcriptional changes in tuberous sclerosis complex disease models. *Cell reports*, 44(12), 116664.

Heo JW, et al. (2024) Vutiglabridin Alleviates Cellular Senescence with Metabolic Regulation and Circadian Clock in Human Dermal Fibroblasts. *Antioxidants (Basel, Switzerland)*, 13(1).

Ruan W, et al. (2024) The BMAL1/HIF2A heterodimer modulates circadian variations of myocardial injury. *Research square*.

Ciccone C, et al. (2024) Circadian coupling of mitochondria in a deep-diving mammal. *The Journal of experimental biology*, 227(7).

Chun SK, et al. (2022) Disruption of the circadian clock drives Apc loss of heterozygosity to accelerate colorectal cancer. *Science advances*, 8(32), eabo2389.

Du NH, et al. (2021) Measuring Circadian Rhythms in Human Cells. *Methods in molecular biology (Clifton, N.J.)*, 2130, 53.

Pan Y, et al. (2020) 12-h clock regulation of genetic information flow by XBP1s. *PLoS biology*, 18(1), e3000580.

Gao L, et al. (2019) ER stress activation impairs the expression of circadian clock and clock-controlled genes in NIH3T3 cells via an ATF4-dependent mechanism. *Cellular signalling*, 57, 89.