

Resource Summary Report

Generated by [RRID](#) on Aug 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: 20260829T080920+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 9 mentions in open access literature.

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

Beale AD, et al. (2026) A cellular basis for the mammalian nocturnal-diurnal switch. Science (New York, N.Y.), 391(6788), eady2822.

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.