Resource Summary Report

Generated by RRID on Aug 28, 2026

PPRE X3-TK-luc

RRID:Addgene_1015
Type: Plasmid

Proper Citation

RRID:Addgene_1015

Plasmid Information

URL: http://www.addgene.org/1015

Proper Citation: RRID:Addgene_1015

Insert Name: PPRE

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:9539737

Vector Backbone Description: Backbone Size:0; Vector Backbone:ptkLUC (modified?); Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Comments: 3xDR-1 response elements (AGGACAAAGGTCA) upstream of a luciferase reporter.

Plasmid Name: PPRE X3-TK-luc

Record Creation Time: 20220422T221453+0000

Record Last Update: 20260815T080020+0000

Ratings and Alerts

No rating or validation information has been found for PPRE X3-TK-luc.

No alerts have been found for PPRE X3-TK-luc.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 97 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Liao PY, et al. (2025) Ether-lipids accumulation promotes hepatocellular carcinoma progression linked to PPAR? deficiency. Journal of biomedical science, 32(1), 89.

Higa M, et al. (2025) Hexaraphane Affects the Activation of Hepatic PPAR? Signaling: Impact on Plasma Triglyceride Levels and Hepatic Senescence with Aging. Nutrients, 17(11).

Yamaguchi T, et al. (2025) Cnot4 heterozygosity attenuates high fat diet-induced obesity in mice and impairs PPAR?-mediated adipocyte differentiation. PloS one, 20(5), e0316417.

Hauer C, et al. (2025) Hydrogel-embedded precision-cut lung slices support ex vivo culture of in vivo-induced premalignant lung lesions. Physiological reports, 13(13), e70459.

Takaoka S, et al. (2025) Human-Specific Suppression of Hepatic Fatty Acid Catabolism by RNA-Binding Protein HuR. Non-coding RNA, 11(5).

Blomberg R, et al. (2024) Hydrogel-Embedded Precision-Cut Lung Slices Model Lung Cancer Premalignancy Ex Vivo. Advanced healthcare materials, 13(4), e2302246.

Wu J, et al. (2024) CYP1B1 affects the integrity of the blood-brain barrier and oxidative stress in the striatum: An investigation of manganese-induced neurotoxicity. CNS neuroscience & therapeutics, 30(3), e14633.

Haas B, et al. (2024) Sulfonylureas exert antidiabetic action on adipocytes by inhibition of PPAR? serine 273 phosphorylation. Molecular metabolism, 85, 101956.

Raina S, et al. (2024) DT-13 Mediates Ligand-Dependent Activation of PPAR? Response Elements In Vitro. Biology, 13(12).

Puighermanal E, et al. (2024) Cannabidiol ameliorates mitochondrial disease via PPAR? activation in preclinical models. Nature communications, 15(1), 7730.

Zuo S, et al. (2024) Lipid synthesis, triggered by PPAR? T166 dephosphorylation, sustains reparative function of macrophages during tissue repair. Nature communications, 15(1), 7269.

Hsu YC, et al. (2024) Ethyl Acetate Fractions of Salvia miltiorrhiza Bunge (Danshen) Crude Extract Modulate Fibrotic Signals to Ameliorate Diabetic Kidney Injury. International journal of molecular sciences, 25(16).

Cohen ED, et al. (2024) PPAR? drives mitochondrial stress signaling and the loss of atrial cardiomyocytes in newborn mice exposed to hyperoxia. Redox biology, 76, 103351.

Hashimoto T, et al. (2024) Effects of mifepristone on adipocyte differentiation in mouse 3T3-L1 cells. Cellular & molecular biology letters, 29(1), 45.

Charrier A, et al. (2024) Molecular regulation of PPAR?/RXR? signaling by the novel cofactor ZFP407. PloS one, 19(5), e0294003.

Wang C, et al. (2023) PFO5DoDA disrupts hepatic homeostasis primarily through glucocorticoid signaling inhibition. Journal of hazardous materials, 447, 130831.

Oliveira AG, et al. (2023) Interaction between poly(A)-binding protein PABPC4 and nuclear receptor corepressor NCoR1 modulates a metabolic stress response. The Journal of biological chemistry, 299(6), 104702.

Blomberg R, et al. (2023) Tissue-engineered models of lung cancer premalignancy. bioRxiv : the preprint server for biology.

Masschelin PM, et al. (2023) Vitamin B2 enables regulation of fasting glucose availability. eLife, 12.

Rolver MG, et al. (2023) Chronic acidosis rewires cancer cell metabolism through PPAR? signaling. International journal of cancer, 152(8), 1668.