Resource Summary Report

Generated by RRID on Aug 24, 2026

TFEB promoter-luciferase reporter

RRID:Addgene_66801
Type: Plasmid

Proper Citation

RRID:Addgene_66801

Plasmid Information

URL: http://www.addgene.org/66801

Proper Citation: RRID:Addgene_66801

Insert Name: TFEB promoter

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:22786682

Vector Backbone Description: Backbone Marker:Promega; Vector Backbone:pGL3-Basic; Vector Types:Luciferase; Bacterial Resistance:Ampicillin

Comments: To derive the TFEB promoter-report construct, we PCR-amplified a 2-kb proximal promoter fragment from mouse BAC RP23-205M10 DNA (BACPAC Resources Center) and inserted this fragment into the Nhe I and Hind III restriction sites in the pGL3-Basic vector (Promega).

Plasmid Name: TFEB promoter-luciferase reporter

Record Creation Time: 20220422T222419+0000

Record Last Update: 20260815T081832+0000

Ratings and Alerts

No rating or validation information has been found for TFEB promoter-luciferase reporter.

No alerts have been found for TFEB promoter-luciferase reporter.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Brunialti E, et al. (2024) Design and validation of a reporter mouse to study the dynamic regulation of TFEB and TFE3 activity through in vivo imaging techniques. Autophagy, 20(8), 1879.

Takizawa S, et al. (2024) Effects of ?7 nicotinic acetylcholine receptor agonist against ?-synuclein-induced neurotoxicity. Neuroscience letters, 823, 137654.

Carbó JM, et al. (2023) A Novel Family of Lysosomotropic Tetracyclic Compounds for Treating Leukemia. Cancers, 15(6).

Tan A, et al. (2021) TFEB regulates pluripotency transcriptional network in mouse embryonic stem cells independent of autophagy-lysosomal biogenesis. Cell death & disease, 12(4), 343.

Qi J, et al. (2021) MCOLN1/TRPML1 finely controls oncogenic autophagy in cancer by mediating zinc influx. Autophagy, 17(12), 4401.

Kobayashi T, et al. (2019) Enhanced lysosomal degradation maintains the quiescent state of neural stem cells. Nature communications, 10(1), 5446.

Alghamdi TA, et al. (2017) Janus Kinase 2 Regulates Transcription Factor EB Expression and Autophagy Completion in Glomerular Podocytes. Journal of the American Society of Nephrology : JASN, 28(9), 2641.