

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 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: 20260808T082017+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 [SPARC SAWG](#) .

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 $\alpha 7$ nicotinic acetylcholine receptor agonist against β -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.