

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pCIP-Flag-TfebAA

RRID:Addgene_79014

Type: Plasmid

Proper Citation

RRID:Addgene_79014

Plasmid Information

URL: <http://www.addgene.org/79014>

Proper Citation: RRID:Addgene_79014

Insert Name: Tfeb

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26944679](#)

Vector Backbone Description: Backbone Size:6000; Vector Backbone:pCIP; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Depositor states that numbering of mutations may vary depending on the isoform in question and confirms that this plasmid should function as described.

Plasmid Name: pCIP-Flag-TfebAA

Relevant Mutation: S142A, S211A

Record Creation Time: 20220422T222519+0000

Record Last Update: 20260725T075211+0000

Ratings and Alerts

No rating or validation information has been found for pCIP-Flag-TfebAA.

No alerts have been found for pCIP-Flag-TfebAA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Yeom H, et al. (2022) Increase in the sensitivity to PLX4720 through inhibition of transcription factor EB-dependent autophagy in BRAF inhibitor-resistant cells. *Toxicological research*, 38(1), 35.

Yeom H, et al. (2021) Differential Sensitivity of Wild-Type and BRAF-Mutated Cells to Combined BRAF and Autophagy Inhibition. *Biomolecules & therapeutics*, 29(4), 434.

Yuizumi N, et al. (2021) Maintenance of neural stem-progenitor cells by the lysosomal biosynthesis regulators TFEB and TFE3 in the embryonic mouse telencephalon. *Stem cells (Dayton, Ohio)*, 39(7), 929.

Yuan Y, et al. (2020) Mesenchymal stem cells elicit macrophages into M2 phenotype via improving transcription factor EB-mediated autophagy to alleviate diabetic nephropathy. *Stem cells (Dayton, Ohio)*, 38(5), 639.

Carballo-Carbajal I, et al. (2019) Brain tyrosinase overexpression implicates age-dependent neuromelanin production in Parkinson's disease pathogenesis. *Nature communications*, 10(1), 973.

Hayama Y, et al. (2018) Lysosomal Protein Lamtor1 Controls Innate Immune Responses via Nuclear Translocation of Transcription Factor EB. *Journal of immunology (Baltimore, Md. : 1950)*, 200(11), 3790.