

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pEGFP-N1-MITF-A

RRID:Addgene_38132

Type: Plasmid

Proper Citation

RRID:Addgene_38132

Plasmid Information

URL: <http://www.addgene.org/38132>

Proper Citation: RRID:Addgene_38132

Insert Name: MITF-A

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22692423](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4733; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pEGFP-N1-MITF-A

Relevant Mutation: deleted stop codon

Record Creation Time: 20220422T222201+0000

Record Last Update: 20260815T081419+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP-N1-MITF-A.

No alerts have been found for pEGFP-N1-MITF-A.

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](#) .

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.

Yang S, et al. (2024) The GATOR2 complex maintains lysosomal-autophagic function by inhibiting the protein degradation of MiT/TFEs. *Molecular cell*, 84(4), 727.

Chan H, et al. (2022) Vitamin D3 and carbamazepine protect against *Clostridioides difficile* infection in mice by restoring macrophage lysosome acidification. *Autophagy*, 18(9), 2050.

Mohamud Y, et al. (2021) Coxsackievirus B3 targets TFEB to disrupt lysosomal function. *Autophagy*, 17(12), 3924.

Ľermák V, et al. (2021) RNA-seq Characterization of Melanoma Phenotype Switch in 3D Collagen after p38 MAPK Inhibitor Treatment. *Biomolecules*, 11(3).

Wang H, et al. (2020) Oxidation of multiple MiT/TFE transcription factors links oxidative stress to transcriptional control of autophagy and lysosome biogenesis. *Autophagy*, 16(9), 1683.

Ozturk DG, et al. (2019) MITF-MIR211 axis is a novel autophagy amplifier system during cellular stress. *Autophagy*, 15(3), 375.

Sakamaki JI, et al. (2017) Bromodomain Protein BRD4 Is a Transcriptional Repressor of Autophagy and Lysosomal Function. *Molecular cell*, 66(4), 517.

Nezich CL, et al. (2015) MiT/TFE transcription factors are activated during mitophagy downstream of Parkin and Atg5. *The Journal of cell biology*, 210(3), 435.