

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

pegfp-N1-TFEB-S3A,R4A

RRID:Addgene_44446

Type: Plasmid

Proper Citation

RRID:Addgene_44446

Plasmid Information

URL: <http://www.addgene.org/44446>

Proper Citation: RRID:Addgene_44446

Insert Name: TFEB

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-TFEB-S3A,R4A

Relevant Mutation: Changed both Serine 3 and Arginine 4 to Alanine

Record Creation Time: 20220422T222229+0000

Record Last Update: 20260912T092730+0000

Ratings and Alerts

No rating or validation information has been found for pegfp-N1-TFEB-S3A,R4A.

No alerts have been found for pegfp-N1-TFEB-S3A,R4A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Zhang J, et al. (2019) Cross-regulation of defective endolysosome trafficking and enhanced autophagy through TFEB in UNC13D deficiency. *Autophagy*, 15(10), 1738.

Young NP, et al. (2016) AMPK governs lineage specification through Tfeb-dependent regulation of lysosomes. *Genes & development*, 30(5), 535.